## 2017 Rapid City Population Estimate

<table>
<thead>
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</tr>
</thead>
<tbody>
<tr>
<td>Single Family Units</td>
<td>16</td>
<td>11</td>
<td>23</td>
<td>25</td>
<td>12</td>
<td>15</td>
<td>11</td>
<td>9</td>
<td>13</td>
<td>18</td>
<td>33</td>
<td>29</td>
<td>215</td>
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<tr>
<td>Multi-Family Units</td>
<td>211</td>
<td>0</td>
<td>110</td>
<td>0</td>
<td>0</td>
<td>40</td>
<td>12</td>
<td>45</td>
<td>8</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>426</td>
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<td>Demolitions</td>
<td>1</td>
<td>0</td>
<td>9</td>
<td>0</td>
<td>0</td>
<td>31</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>2</td>
<td>2</td>
<td>47</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>226</strong></td>
<td><strong>11</strong></td>
<td><strong>124</strong></td>
<td><strong>25</strong></td>
<td><strong>12</strong></td>
<td><strong>24</strong></td>
<td><strong>23</strong></td>
<td><strong>54</strong></td>
<td><strong>21</strong></td>
<td><strong>16</strong></td>
<td><strong>31</strong></td>
<td><strong>27</strong></td>
<td><strong>594</strong></td>
</tr>
<tr>
<td>Group Homes</td>
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<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>60</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>60</td>
</tr>
</tbody>
</table>

\[
\text{594 Total Household Gain} \\
\times \\
94.50\% \text{ Occupancy Rate}\ast \\
\frac{\text{561 Net Household Gain}}{\times} \\
2.29 \text{ Persons per Household}\ast \\
\text{1,285 Household Population Increase}
\]  

\[
\text{60 Total Group Home Unit Gain} \\
\times \\
1 \text{ Person/Group Home Unit} \\
\frac{\text{60 Group Home Population Increase}}{\times} \\
2.77 \text{ Persons Per Household}\ast \\
\text{366 Population Increase From Annexation}
\]

\[
\text{132 Annexations} \\
\times \\
2.77 \text{ Persons Per Household}\ast \\
\text{366 Population Increase From Annexation}
\]

\[
73,777 \text{ 2016 Population Estimate} \\
+ \\
1,285 \text{ Household Population Increase} \\
+ \\
60 \text{ Group Home Population Increase} \\
+ \\
366 \text{ Annexation Population Increase}
\]

\[
\text{75,488 2017 Population Estimate}
\]

\*The occupancy rate and the persons per household are numbers from the Census Bureau for Rapid City 2.32\% Growth  
**The persons per household are numbers from the Census Bureau for Rapid Valley 1.82\% Growth Excluding Annexation