Table A8. World nuclear energy consumption by region (net nuclear electricity generation), Reference case
billion kilowatthours

<table>
<thead>
<tr>
<th>Region</th>
<th>2020</th>
<th>2025</th>
<th>2030</th>
<th>2035</th>
<th>2040</th>
<th>2045</th>
<th>2050</th>
<th>Average annual percentage change, 2020–2050</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>OECD</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>OECD Americas</td>
<td>883</td>
<td>827</td>
<td>727</td>
<td>710</td>
<td>669</td>
<td>656</td>
<td>638</td>
<td>-1.1</td>
</tr>
<tr>
<td>United States</td>
<td>785</td>
<td>745</td>
<td>630</td>
<td>609</td>
<td>595</td>
<td>599</td>
<td>594</td>
<td>-0.9</td>
</tr>
<tr>
<td>Canada</td>
<td>87</td>
<td>71</td>
<td>77</td>
<td>72</td>
<td>51</td>
<td>39</td>
<td>28</td>
<td>-3.7</td>
</tr>
<tr>
<td>Mexico and other OECD Americas</td>
<td>11</td>
<td>11</td>
<td>20</td>
<td>28</td>
<td>23</td>
<td>17</td>
<td>17</td>
<td>1.3</td>
</tr>
<tr>
<td>OECD Europe</td>
<td>741</td>
<td>728</td>
<td>674</td>
<td>658</td>
<td>608</td>
<td>459</td>
<td>363</td>
<td>-2.3</td>
</tr>
<tr>
<td>OECD Asia</td>
<td>236</td>
<td>343</td>
<td>367</td>
<td>365</td>
<td>317</td>
<td>289</td>
<td>285</td>
<td>0.6</td>
</tr>
<tr>
<td>Japan</td>
<td>58</td>
<td>115</td>
<td>139</td>
<td>139</td>
<td>121</td>
<td>102</td>
<td>102</td>
<td>1.9</td>
</tr>
<tr>
<td>South Korea</td>
<td>178</td>
<td>228</td>
<td>228</td>
<td>226</td>
<td>196</td>
<td>186</td>
<td>183</td>
<td>0.1</td>
</tr>
<tr>
<td>Australia and New Zealand</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0.0</td>
</tr>
<tr>
<td>Total OECD</td>
<td>1,859</td>
<td>1,898</td>
<td>1,768</td>
<td>1,733</td>
<td>1,594</td>
<td>1,403</td>
<td>1,286</td>
<td>-1.2</td>
</tr>
<tr>
<td><strong>Non-OECD</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-OECD Europe and Eurasia</td>
<td>321</td>
<td>355</td>
<td>374</td>
<td>380</td>
<td>380</td>
<td>380</td>
<td>383</td>
<td>0.6</td>
</tr>
<tr>
<td>Russia</td>
<td>204</td>
<td>229</td>
<td>234</td>
<td>234</td>
<td>234</td>
<td>234</td>
<td>227</td>
<td>0.4</td>
</tr>
<tr>
<td>Other Europe and Eurasia</td>
<td>118</td>
<td>126</td>
<td>140</td>
<td>146</td>
<td>146</td>
<td>146</td>
<td>156</td>
<td>0.9</td>
</tr>
<tr>
<td>Non-OECD Asia</td>
<td>405</td>
<td>504</td>
<td>643</td>
<td>786</td>
<td>937</td>
<td>1,068</td>
<td>1,188</td>
<td>3.7</td>
</tr>
<tr>
<td>China</td>
<td>331</td>
<td>416</td>
<td>538</td>
<td>674</td>
<td>795</td>
<td>905</td>
<td>1,002</td>
<td>3.8</td>
</tr>
<tr>
<td>India</td>
<td>36</td>
<td>52</td>
<td>69</td>
<td>76</td>
<td>106</td>
<td>128</td>
<td>151</td>
<td>4.9</td>
</tr>
<tr>
<td>Other Asia</td>
<td>37</td>
<td>36</td>
<td>36</td>
<td>36</td>
<td>36</td>
<td>36</td>
<td>36</td>
<td>-0.1</td>
</tr>
<tr>
<td>Middle East</td>
<td>6</td>
<td>41</td>
<td>58</td>
<td>73</td>
<td>83</td>
<td>83</td>
<td>83</td>
<td>9.2</td>
</tr>
<tr>
<td>Africa</td>
<td>13</td>
<td>13</td>
<td>30</td>
<td>43</td>
<td>52</td>
<td>52</td>
<td>52</td>
<td>4.8</td>
</tr>
<tr>
<td>Non-OECD Americas</td>
<td>26</td>
<td>26</td>
<td>41</td>
<td>38</td>
<td>38</td>
<td>33</td>
<td>33</td>
<td>0.8</td>
</tr>
<tr>
<td>Brazil</td>
<td>14</td>
<td>14</td>
<td>23</td>
<td>23</td>
<td>23</td>
<td>18</td>
<td>18</td>
<td>0.9</td>
</tr>
<tr>
<td>Other Non-OECD Americas</td>
<td>12</td>
<td>12</td>
<td>18</td>
<td>15</td>
<td>15</td>
<td>15</td>
<td>15</td>
<td>0.8</td>
</tr>
<tr>
<td>Total Non-OECD</td>
<td>771</td>
<td>939</td>
<td>1,146</td>
<td>1,320</td>
<td>1,490</td>
<td>1,617</td>
<td>1,739</td>
<td>2.7</td>
</tr>
<tr>
<td><strong>Total World</strong></td>
<td>2,630</td>
<td>2,836</td>
<td>2,914</td>
<td>3,053</td>
<td>3,084</td>
<td>3,020</td>
<td>3,025</td>
<td>0.5</td>
</tr>
</tbody>
</table>


Notes:
* Totals may not equal sum of components due to independent rounding.