### Table 1.9 Heating Degree Days by Census Division

<table>
<thead>
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</thead>
<tbody>
<tr>
<td>New England</td>
<td>6,794</td>
<td>6,872</td>
<td>6,828</td>
<td>7,042</td>
<td>7,022</td>
<td>6,547</td>
<td>7,071</td>
<td>6,749</td>
<td>5,987</td>
<td>6,884</td>
<td>6,625</td>
<td>6,202</td>
<td>6,234</td>
<td>6,975</td>
<td>6,644</td>
<td>5,929</td>
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<tr>
<td>Middle Atlantic</td>
<td>6,324</td>
<td>6,231</td>
<td>6,391</td>
<td>6,407</td>
<td>6,388</td>
<td>6,892</td>
<td>6,406</td>
<td>6,971</td>
<td>5,761</td>
<td>6,093</td>
<td>6,599</td>
<td>6,550</td>
<td>6,550</td>
<td>6,667</td>
<td>6,428</td>
<td>5,353</td>
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<tr>
<td>East North Central</td>
<td>7,027</td>
<td>6,486</td>
<td>6,908</td>
<td>6,537</td>
<td>7,121</td>
<td>6,880</td>
<td>6,975</td>
<td>6,668</td>
<td>5,780</td>
<td>6,740</td>
<td>6,315</td>
<td>6,500</td>
<td>6,221</td>
<td>6,536</td>
<td>6,222</td>
<td>5,701</td>
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<tr>
<td>West North Central</td>
<td>7,455</td>
<td>6,912</td>
<td>7,184</td>
<td>6,702</td>
<td>7,090</td>
<td>6,980</td>
<td>6,875</td>
<td>6,591</td>
<td>6,137</td>
<td>6,121</td>
<td>6,621</td>
<td>6,718</td>
<td>6,844</td>
<td>6,763</td>
<td>6,677</td>
<td>5,786</td>
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<tr>
<td>West South Central</td>
<td>2,277</td>
<td>2,294</td>
<td>2,276</td>
<td>2,258</td>
<td>2,312</td>
<td>2,449</td>
<td>2,564</td>
<td>2,535</td>
<td>1,960</td>
<td>2,147</td>
<td>2,513</td>
<td>2,162</td>
<td>2,327</td>
<td>2,240</td>
<td>2,175</td>
<td>1,752</td>
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<tr>
<td>Mountain</td>
<td>6,341</td>
<td>6,704</td>
<td>6,281</td>
<td>6,086</td>
<td>6,119</td>
<td>6,260</td>
<td>6,554</td>
<td>6,059</td>
<td>5,391</td>
<td>5,101</td>
<td>4,971</td>
<td>5,004</td>
<td>5,004</td>
<td>4,971</td>
<td>5,010</td>
<td>4,619</td>
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<tr>
<td>United States</td>
<td>5,367</td>
<td>5,246</td>
<td>4,794</td>
<td>4,516</td>
<td>4,889</td>
<td>4,905</td>
<td>5,080</td>
<td>4,889</td>
<td>4,693</td>
<td>4,404</td>
<td>4,494</td>
<td>4,257</td>
<td>4,356</td>
<td>4,463</td>
<td>4,544</td>
<td>4,386</td>
</tr>
</tbody>
</table>

**Notes:**
- Degree days are relative measurements of outdoor air temperature used as an index for heating and cooling energy requirements. Heating degree days are the number of degrees that the daily average temperature is below 65°F (18°C) during the same year the degree days are measured. See methodology at http://www.eia.gov/forecasts/steospecial/pdf/2012_sp_04.pdf.
- Cooling degree days are the number of degrees that the daily average temperature rises above 65°F (18°C) during the same year the degree days are measured. See methodology at http://www.eia.gov/forecasts/steospecial/pdf/2012_sp_04.pdf.

**Sources:**
- Energy Information Administration, unpublished data.
- U.S. Census Bureau, Historical Population Totals.
- The Energy Information Administration estimates that 19 of the 50 states and the District of Columbia have average total heating degree days above 10,000.

**Key Points:**
- The number of degree days for a year is the sum of the number of degree days for each month.
- Degree days are calculated by subtracting the average daily low temperature from 65°F and summing the result for all days in a month.
- Degree days are used to estimate heating and cooling energy requirements.
- The number of degree days is an index for energy consumption, which can be used to predict energy costs and plan for energy efficiency improvements.