Table CE1-1c. Total Energy Consumption in U.S. Households by Climate Zone, 2001

<table>
<thead>
<tr>
<th>Climate Zone¹</th>
<th>Fewer than 2,000 CDD and --</th>
<th>2,000 CDD or More and Fewer than 4,000 HDD</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total</td>
<td>More than 7,000 HDD</td>
</tr>
<tr>
<td>RSE Column Factor:</td>
<td>0.4</td>
<td>1.7</td>
</tr>
<tr>
<td>Million Households</td>
<td>107.0</td>
<td>9.2</td>
</tr>
<tr>
<td>Number of Households, Fuels Used (more than one may apply):</td>
<td>107.0</td>
<td>9.2</td>
</tr>
<tr>
<td>Electricity²</td>
<td>11.63</td>
<td>0.91</td>
</tr>
<tr>
<td>Site</td>
<td>3.89</td>
<td>0.31</td>
</tr>
<tr>
<td>Natural Gas</td>
<td>4.84</td>
<td>0.43</td>
</tr>
<tr>
<td>Fuel Oil</td>
<td>0.71</td>
<td>0.17</td>
</tr>
<tr>
<td>Kerosene</td>
<td>0.05</td>
<td>0.01</td>
</tr>
<tr>
<td>LPG</td>
<td>0.38</td>
<td>0.07</td>
</tr>
<tr>
<td>Wood</td>
<td>0.37</td>
<td>0.13</td>
</tr>
<tr>
<td>Total (excludes primary electricity and wood)</td>
<td>9.86</td>
<td>0.98</td>
</tr>
</tbody>
</table>

Quadrillion Btu

| Physical Units of Total Consumption, Fuels Used: | Electricity (billion kWh) | 1,140 | 90 | 259 | 248 | 212 | 331 | 44 |
| Fuel Oil (million gallons) | 4,708 | 416 | 1,936 | 1,055 | 715 | 587 | 10.1 |
| Kerosene (million gallons) | 348 | 75 | 82 | 81 | 92 | Q | 32.4 |
| LPG (million gallons) | 4,121 | 763 | 1,276 | 878 | 707 | 497 | 25.8 |
| Wood (million cords) | 18.7 | 6.8 | 4.3 | 3.5 | 2.9 | 1.7 | 20.0 |

Physical Units

| Million Btu per Household² | Electricity | 108.7 | 98.9 | 92.1 | 105.5 | 103.2 | 140.2 | 3.6 |
| Site | 36.4 | 33.1 | 30.8 | 35.3 | 34.5 | 46.9 | 3.6 |
| Natural Gas | 72.4 | 87.0 | 94.0 | 72.8 | 53.1 | 50.0 | 3.6 |
| Fuel Oil | 81.7 | 91.5 | 92.8 | 72.1 | 35.3 | Q | 8.1 |
| Kerosene | 16.1 | 24.8 | 16.9 | 15.0 | 15.5 | Q | 22.6 |
| LPG | 40.2 | 44.9 | 52.4 | 41.2 | 30.5 | 29.7 | 12.0 |
| Wood | 25.9 | 61.9 | 27.9 | 24.1 | 17.2 | 11.0 | 12.9 |
| Total (excludes primary electricity and wood) | 92.2 | 106.2 | 114.0 | 95.2 | 73.7 | 74.0 | 2.8 |

See footnotes at end of table.
### Table CE1-1c. Total Energy Consumption in U.S. Households by Climate Zone, 2001 (Continued)

<table>
<thead>
<tr>
<th>Physical Units per Household&lt;sup&gt;3&lt;/sup&gt;</th>
<th>&lt;br&gt;</th>
<th>少于2,000 CDD and --</th>
<th>More than 7,000 HDD</th>
<th>5,500 to 7,000 HDD</th>
<th>4,000 to 5,499 HDD</th>
<th>Fewer than 4,000 HDD</th>
<th>2,000 CDD or More and Fewer than 4,000 HDD</th>
<th>RSE Row Factors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>10,656</td>
<td>9,693</td>
<td>9,030</td>
<td>10,345</td>
<td>10,118</td>
<td>13,743</td>
<td></td>
<td>3.6</td>
</tr>
<tr>
<td>Natural Gas (thousand cf)</td>
<td>70</td>
<td>85</td>
<td>91</td>
<td>71</td>
<td>52</td>
<td>49</td>
<td></td>
<td>3.6</td>
</tr>
<tr>
<td>Fuel Oil (gallons)</td>
<td>589</td>
<td>661</td>
<td>670</td>
<td>520</td>
<td>254</td>
<td>Q</td>
<td></td>
<td>8.1</td>
</tr>
<tr>
<td>Kerosene (gallons)</td>
<td>119</td>
<td>184</td>
<td>125</td>
<td>111</td>
<td>115</td>
<td>Q</td>
<td></td>
<td>22.6</td>
</tr>
<tr>
<td>LPG (gallons)</td>
<td>440</td>
<td>491</td>
<td>573</td>
<td>451</td>
<td>334</td>
<td>325</td>
<td></td>
<td>12.0</td>
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<tr>
<td>Wood (cords)</td>
<td>1.3</td>
<td>3.1</td>
<td>1.4</td>
<td>1.2</td>
<td>0.9</td>
<td>0.5</td>
<td></td>
<td>12.9</td>
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<table>
<thead>
<tr>
<th>Million Households</th>
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<th>&lt;sup&gt;4&lt;/sup&gt;</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
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</thead>
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<tr>
<td>Number of Households, Where the End Use Is:</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Space Heating</td>
<td>105.3</td>
<td>9.1</td>
<td>28.5</td>
<td>23.7</td>
<td>20.4</td>
<td>23.5</td>
<td></td>
<td>8.0</td>
</tr>
<tr>
<td>Electric Air-Conditioning</td>
<td>80.8</td>
<td>5.3</td>
<td>20.5</td>
<td>19.9</td>
<td>13.4</td>
<td>21.8</td>
<td></td>
<td>8.2</td>
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<tr>
<td>Water Heating</td>
<td>106.7</td>
<td>9.2</td>
<td>28.6</td>
<td>24.0</td>
<td>20.9</td>
<td>24.0</td>
<td></td>
<td>7.9</td>
</tr>
<tr>
<td>Refrigerators</td>
<td>106.8</td>
<td>9.2</td>
<td>28.6</td>
<td>24.0</td>
<td>20.9</td>
<td>24.1</td>
<td></td>
<td>7.9</td>
</tr>
<tr>
<td>Appliances</td>
<td>107.0</td>
<td>9.2</td>
<td>28.6</td>
<td>24.0</td>
<td>21.0</td>
<td>24.1</td>
<td></td>
<td>7.9</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Quadrillion Btu&lt;sup&gt;a&lt;/sup&gt;</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Total Btu Consumption, Where the End Use Is:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Space Heating</td>
<td>4.62</td>
<td>0.58</td>
<td>1.89</td>
<td>1.15</td>
<td>0.56</td>
<td>0.44</td>
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<td>8.8</td>
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<tr>
<td>Electric Air-Conditioning</td>
<td>0.62</td>
<td>0.02</td>
<td>0.08</td>
<td>0.11</td>
<td>0.11</td>
<td>0.30</td>
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<td>10.3</td>
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<tr>
<td>Water Heating</td>
<td>1.68</td>
<td>0.14</td>
<td>0.51</td>
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<td>0.32</td>
<td>0.33</td>
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<tr>
<td>Refrigerators</td>
<td>0.53</td>
<td>0.04</td>
<td>0.13</td>
<td>0.11</td>
<td>0.10</td>
<td>0.15</td>
<td></td>
<td>7.6</td>
</tr>
<tr>
<td>Other Appliances and Lighting</td>
<td>2.40</td>
<td>0.20</td>
<td>0.65</td>
<td>0.53</td>
<td>0.46</td>
<td>0.56</td>
<td></td>
<td>7.4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Million Btu per Household&lt;sup&gt;3,a&lt;/sup&gt;</th>
<th></th>
<th></th>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Total Btu Consumption per Household, Where the End Use Is:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Space Heating</td>
<td>43.9</td>
<td>63.2</td>
<td>66.2</td>
<td>48.6</td>
<td>27.5</td>
<td>18.9</td>
<td></td>
<td>4.5</td>
</tr>
<tr>
<td>Electric Air-Conditioning</td>
<td>7.7</td>
<td>3.6</td>
<td>4.1</td>
<td>5.7</td>
<td>7.9</td>
<td>13.8</td>
<td></td>
<td>4.9</td>
</tr>
<tr>
<td>Water Heating</td>
<td>15.8</td>
<td>15.7</td>
<td>17.9</td>
<td>16.0</td>
<td>15.1</td>
<td>13.6</td>
<td></td>
<td>2.9</td>
</tr>
<tr>
<td>Refrigerators</td>
<td>5.0</td>
<td>4.6</td>
<td>4.6</td>
<td>4.6</td>
<td>4.7</td>
<td>6.2</td>
<td></td>
<td>2.9</td>
</tr>
<tr>
<td>Other Appliances and Lighting</td>
<td>22.5</td>
<td>21.7</td>
<td>22.8</td>
<td>21.9</td>
<td>22.1</td>
<td>23.2</td>
<td></td>
<td>2.8</td>
</tr>
</tbody>
</table>

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1 One of five climatically distinct areas, determined according to the 30-year average (1961-1990) of the annual heating and cooling degree-days. For this report, the heating or cooling degree-days are a measure of how cold or how hot a location is over a period of one year, relative to a base temperature of 65 degrees Fahrenheit. A household is assigned to a climate zone according to the 30-year average annual degree-days for an appropriate nearby weather station.

2 The RECS cannot be used to accurately estimate the number of households that do not use electricity.

3 The averages for total and for appliances are over the set of all households; otherwise the averages are over the set of households using a given fuel or over the set using a given end use.

4 Households where the main or secondary space-heating fuel is electricity, natural gas, fuel oil, kerosene, or LPG.

5 The number of households, where the end use is electric air-conditioning, does not include households that did not use their equipment (0.9 million). It does include the small number of households where the fuel for central air-conditioning equipment was something other than electricity; those households were treated as if the fuel was electricity.

6 Households where the main or secondary water-heating fuel is electricity, natural gas, fuel oil, kerosene, or LPG.

7 The row factor in this section is underestimated because it contains no error for estimating the end-use.

8 Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled. + Because of rounding, data may not sum to totals.

9 "Glossary" for definition of terms used in this report.