

**Table 7.4a Consumption of Combustible Fuels for Electricity Generation and Useful Thermal Output: Total (All Sectors)** (Sum of Tables 7.4b and 7.4c)

|                                      | Coal <sup>a</sup> | Petroleum                        |                                |                            |                             |                     | Natural Gas <sup>f</sup> | Other Gases <sup>g</sup> | Biomass           |                    | Other <sup>i</sup> |
|--------------------------------------|-------------------|----------------------------------|--------------------------------|----------------------------|-----------------------------|---------------------|--------------------------|--------------------------|-------------------|--------------------|--------------------|
|                                      |                   | Distillate Fuel Oil <sup>b</sup> | Residual Fuel Oil <sup>c</sup> | Other Liquids <sup>d</sup> | Petroleum Coke <sup>e</sup> | Total <sup>e</sup>  |                          |                          | Wood <sup>h</sup> | Waste <sup>i</sup> |                    |
|                                      |                   | Thousand Short Tons              | Thousand Barrels               |                            |                             | Thousand Short Tons |                          |                          | Thousand Barrels  | Billion Cubic Feet |                    |
| <b>1973 Total</b> .....              | <b>389,212</b>    | <b>47,058</b>                    | <b>513,190</b>                 | <b>NA</b>                  | <b>507</b>                  | <b>562,781</b>      | <b>3,660</b>             | <b>NA</b>                | <b>1</b>          | <b>2</b>           | <b>NA</b>          |
| <b>1975 Total</b> .....              | <b>405,962</b>    | <b>38,907</b>                    | <b>467,221</b>                 | <b>NA</b>                  | <b>70</b>                   | <b>506,479</b>      | <b>3,158</b>             | <b>NA</b>                | <b>0</b>          | <b>2</b>           | <b>NA</b>          |
| <b>1980 Total</b> .....              | <b>569,274</b>    | <b>29,051</b>                    | <b>391,163</b>                 | <b>NA</b>                  | <b>179</b>                  | <b>421,110</b>      | <b>3,682</b>             | <b>NA</b>                | <b>3</b>          | <b>2</b>           | <b>NA</b>          |
| <b>1985 Total</b> .....              | <b>693,841</b>    | <b>14,635</b>                    | <b>158,779</b>                 | <b>NA</b>                  | <b>231</b>                  | <b>174,571</b>      | <b>3,044</b>             | <b>NA</b>                | <b>8</b>          | <b>7</b>           | <b>NA</b>          |
| <b>1990 Total</b> <sup>k</sup> ..... | <b>811,538</b>    | <b>20,194</b>                    | <b>209,081</b>                 | <b>1,332</b>               | <b>2,832</b>                | <b>244,765</b>      | <b>4,346</b>             | <b>288</b>               | <b>1,256</b>      | <b>257</b>         | <b>86</b>          |
| <b>1995 Total</b> .....              | <b>881,012</b>    | <b>21,697</b>                    | <b>112,168</b>                 | <b>1,322</b>               | <b>4,590</b>                | <b>158,140</b>      | <b>5,572</b>             | <b>313</b>               | <b>1,382</b>      | <b>374</b>         | <b>97</b>          |
| <b>1996 Total</b> .....              | <b>928,015</b>    | <b>22,444</b>                    | <b>124,607</b>                 | <b>2,468</b>               | <b>4,596</b>                | <b>172,499</b>      | <b>5,178</b>             | <b>346</b>               | <b>1,389</b>      | <b>392</b>         | <b>91</b>          |
| <b>1997 Total</b> .....              | <b>952,955</b>    | <b>22,893</b>                    | <b>134,623</b>                 | <b>526</b>                 | <b>6,095</b>                | <b>188,517</b>      | <b>5,433</b>             | <b>307</b>               | <b>1,397</b>      | <b>407</b>         | <b>103</b>         |
| <b>1998 Total</b> .....              | <b>966,615</b>    | <b>30,006</b>                    | <b>189,267</b>                 | <b>1,230</b>               | <b>6,196</b>                | <b>251,486</b>      | <b>6,030</b>             | <b>334</b>               | <b>1,349</b>      | <b>404</b>         | <b>95</b>          |
| <b>1999 Total</b> .....              | <b>970,175</b>    | <b>30,616</b>                    | <b>172,319</b>                 | <b>1,812</b>               | <b>5,989</b>                | <b>234,694</b>      | <b>6,305</b>             | <b>350</b>               | <b>1,352</b>      | <b>400</b>         | <b>101</b>         |
| <b>2000 Total</b> .....              | <b>1,015,398</b>  | <b>34,572</b>                    | <b>156,673</b>                 | <b>2,904</b>               | <b>4,669</b>                | <b>217,494</b>      | <b>6,677</b>             | <b>356</b>               | <b>1,380</b>      | <b>401</b>         | <b>109</b>         |
| <b>2001 Total</b> .....              | <b>991,635</b>    | <b>33,724</b>                    | <b>177,137</b>                 | <b>1,418</b>               | <b>4,532</b>                | <b>234,940</b>      | <b>6,731</b>             | <b>263</b>               | <b>1,182</b>      | <b>263</b>         | <b>229</b>         |
| <b>2002 Total</b> .....              | <b>1,005,144</b>  | <b>24,749</b>                    | <b>118,637</b>                 | <b>3,257</b>               | <b>7,353</b>                | <b>183,409</b>      | <b>6,986</b>             | <b>278</b>               | <b>1,287</b>      | <b>289</b>         | <b>252</b>         |
| <b>2003 Total</b> .....              | <b>1,031,778</b>  | <b>31,825</b>                    | <b>152,859</b>                 | <b>4,576</b>               | <b>7,067</b>                | <b>224,593</b>      | <b>6,337</b>             | <b>294</b>               | <b>1,266</b>      | <b>293</b>         | <b>262</b>         |
| <b>2004 Total</b> .....              | <b>1,044,798</b>  | <b>23,520</b>                    | <b>157,478</b>                 | <b>4,764</b>               | <b>8,721</b>                | <b>229,364</b>      | <b>6,727</b>             | <b>353</b>               | <b>1,360</b>      | <b>282</b>         | <b>254</b>         |
| <b>2005 Total</b> .....              | <b>1,065,281</b>  | <b>24,446</b>                    | <b>156,915</b>                 | <b>4,270</b>               | <b>9,113</b>                | <b>231,193</b>      | <b>7,021</b>             | <b>348</b>               | <b>1,353</b>      | <b>289</b>         | <b>237</b>         |
| <b>2006 Total</b> .....              | <b>1,053,783</b>  | <b>14,655</b>                    | <b>69,846</b>                  | <b>3,396</b>               | <b>8,622</b>                | <b>131,005</b>      | <b>7,404</b>             | <b>341</b>               | <b>1,399</b>      | <b>300</b>         | <b>247</b>         |
| <b>2007</b>                          |                   |                                  |                                |                            |                             |                     |                          |                          |                   |                    |                    |
| January .....                        | 93,880            | 1,580                            | 7,045                          | 334                        | 686                         | 12,390              | 550                      | 30                       | 118               | 27                 | 21                 |
| February .....                       | 86,088            | 2,727                            | 11,358                         | 517                        | 571                         | 17,455              | 510                      | 25                       | 105               | 24                 | 18                 |
| March .....                          | 83,929            | 1,385                            | 6,575                          | 404                        | 577                         | 11,250              | 502                      | 28                       | 111               | 28                 | 20                 |
| April .....                          | 77,747            | 1,088                            | 6,066                          | 394                        | 564                         | 10,371              | 538                      | 28                       | 112               | 23                 | 20                 |
| May .....                            | 83,140            | 1,198                            | 5,254                          | 424                        | 607                         | 9,911               | 596                      | 28                       | 110               | 25                 | 20                 |
| June .....                           | 91,682            | 1,334                            | 6,330                          | 322                        | 686                         | 11,416              | 719                      | 27                       | 108               | 24                 | 20                 |
| July .....                           | 98,568            | 1,272                            | 6,194                          | 304                        | 636                         | 10,953              | 857                      | 27                       | 114               | 25                 | 20                 |
| August .....                         | 101,160           | 1,814                            | 8,347                          | 391                        | 666                         | 13,881              | 1,077                    | 28                       | 111               | 25                 | 21                 |
| September .....                      | 89,833            | 1,049                            | 5,443                          | 279                        | 604                         | 9,789               | 779                      | 27                       | 108               | 24                 | 19                 |
| October .....                        | 85,782            | 1,244                            | 5,162                          | 306                        | 541                         | 9,416               | 700                      | 28                       | 111               | 26                 | 20                 |
| November .....                       | 84,392            | 1,041                            | 2,765                          | 257                        | 529                         | 6,706               | 539                      | 25                       | 111               | 26                 | 19                 |
| December .....                       | 93,404            | 1,308                            | 4,078                          | 304                        | 632                         | 8,852               | 594                      | 27                       | 118               | 26                 | 21                 |
| <b>Total</b> .....                   | <b>1,069,606</b>  | <b>17,042</b>                    | <b>74,616</b>                  | <b>4,237</b>               | <b>7,299</b>                | <b>132,389</b>      | <b>7,962</b>             | <b>329</b>               | <b>1,336</b>      | <b>304</b>         | <b>239</b>         |
| <b>2008</b>                          |                   |                                  |                                |                            |                             |                     |                          |                          |                   |                    |                    |
| January .....                        | 96,257            | 1,841                            | 3,897                          | 381                        | 632                         | 9,278               | 623                      | 25                       | 108               | 26                 | 15                 |
| February .....                       | 88,349            | 1,255                            | 3,129                          | 295                        | 566                         | 7,512               | 519                      | 24                       | 102               | 24                 | 14                 |
| March .....                          | 85,215            | 934                              | 2,774                          | 303                        | 505                         | 6,537               | 546                      | 27                       | 99                | 28                 | 16                 |
| April .....                          | 79,041            | 923                              | 3,041                          | 231                        | 534                         | 6,864               | 544                      | 25                       | 102               | 25                 | 15                 |
| May .....                            | 83,520            | 928                              | 3,178                          | 223                        | 520                         | 6,930               | 558                      | 26                       | 103               | 25                 | 15                 |
| June .....                           | 91,656            | 1,463                            | 5,275                          | 282                        | 595                         | 9,996               | 748                      | 26                       | 104               | 26                 | 16                 |
| July .....                           | 100,235           | 1,109                            | 4,335                          | 208                        | 544                         | 8,370               | 872                      | 28                       | 109               | 26                 | 16                 |
| August .....                         | 97,654            | 928                              | 3,702                          | 204                        | 547                         | 7,572               | 853                      | 28                       | 109               | 25                 | 16                 |
| September .....                      | 87,825            | 1,002                            | 4,389                          | 266                        | 524                         | 8,275               | 676                      | 22                       | 103               | 24                 | 15                 |
| October .....                        | 82,553            | 785                              | 2,675                          | 186                        | 581                         | 6,550               | 631                      | 22                       | 105               | 23                 | 15                 |
| November .....                       | 83,184            | 842                              | 3,022                          | 190                        | 498                         | 6,542               | 539                      | 18                       | 101               | 25                 | 14                 |
| December .....                       | 91,788            | 1,390                            | 4,406                          | 383                        | 520                         | 8,778               | 559                      | 19                       | 100               | 26                 | 15                 |
| <b>Total</b> .....                   | <b>1,067,277</b>  | <b>13,400</b>                    | <b>43,823</b>                  | <b>3,151</b>               | <b>6,566</b>                | <b>93,204</b>       | <b>7,668</b>             | <b>288</b>               | <b>1,243</b>      | <b>302</b>         | <b>181</b>         |
| <b>2009</b>                          |                   |                                  |                                |                            |                             |                     |                          |                          |                   |                    |                    |
| January .....                        | 92,998            | 2,099                            | 6,799                          | 477                        | 535                         | 12,048              | 569                      | 20                       | 100               | 25                 | 14                 |
| February .....                       | 76,452            | 1,304                            | 2,855                          | 301                        | 491                         | 6,913               | 526                      | 20                       | 91                | 22                 | 13                 |
| March .....                          | 74,159            | 1,322                            | 2,365                          | 341                        | 579                         | 6,921               | 584                      | 21                       | 94                | 29                 | 16                 |
| April .....                          | 68,986            | 898                              | 2,005                          | 265                        | 515                         | 5,742               | 538                      | 20                       | 90                | 24                 | 16                 |
| May .....                            | 72,436            | 1,212                            | 2,752                          | 276                        | 510                         | 6,789               | 601                      | 19                       | 91                | 24                 | 17                 |
| June .....                           | 80,899            | 1,123                            | 2,686                          | 188                        | 517                         | 6,583               | 730                      | 19                       | 94                | 25                 | 16                 |
| July .....                           | 86,401            | 1,071                            | 2,853                          | 181                        | 534                         | 6,773               | 862                      | 22                       | 102               | 25                 | 17                 |
| <b>7-Month Total</b> .....           | <b>552,331</b>    | <b>9,030</b>                     | <b>22,315</b>                  | <b>2,029</b>               | <b>3,679</b>                | <b>51,769</b>       | <b>4,410</b>             | <b>141</b>               | <b>661</b>        | <b>174</b>         | <b>108</b>         |
| <b>2008 7-Month Total</b> .....      | <b>624,274</b>    | <b>8,453</b>                     | <b>25,628</b>                  | <b>1,923</b>               | <b>3,897</b>                | <b>55,487</b>       | <b>4,409</b>             | <b>180</b>               | <b>726</b>        | <b>179</b>         | <b>107</b>         |
| <b>2007 7-Month Total</b> .....      | <b>615,035</b>    | <b>10,586</b>                    | <b>48,822</b>                  | <b>2,699</b>               | <b>4,328</b>                | <b>83,745</b>       | <b>4,273</b>             | <b>193</b>               | <b>778</b>        | <b>177</b>         | <b>139</b>         |

<sup>a</sup> Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and coal synfuel.

<sup>b</sup> Fuel oil nos. 1, 2, and 4. Through 2000, electric utility data also include small amounts of kerosene and jet fuel.

<sup>c</sup> Fuel oil nos. 5 and 6. Through 2000, electric utility data also include a small amount of fuel oil no. 4.

<sup>d</sup> Jet fuel, kerosene, other petroleum liquids, and waste oil.

<sup>e</sup> Petroleum coke is converted from short tons to barrels by multiplying by 5.

<sup>f</sup> Natural gas, plus a small amount of supplemental gaseous fuels.

<sup>g</sup> Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

<sup>h</sup> Wood and wood-derived fuels.

<sup>i</sup> Municipal solid waste from biogenic sources, landfill gas, sludge waste, agricultural byproducts, and other biomass. Through 2000, also includes non-renewable waste (municipal solid waste from non-biogenic sources, and

tire-derived fuels).

<sup>j</sup> Batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, miscellaneous technologies, and, beginning in 2001, non-renewable waste (municipal solid waste from non-biogenic sources, and tire-derived fuels).

<sup>k</sup> Through 1988, data are for electric utilities only. Beginning in 1989, data are for electric utilities, independent power producers, commercial plants, and industrial plants.

NA=Not available.

Notes: • Data are for fuels consumed to produce electricity and useful thermal output. • Totals may not equal sum of components due to independent rounding.

• Geographic coverage is the 50 States and the District of Columbia.

Web Page: See <http://www.eia.doe.gov/emeu/mer/elect.html> for all available data beginning in 1973.

Sources: See sources for Tables 7.4b and 7.4c.