

**Table 7.3a Consumption of Combustible Fuels for Electricity Generation: Total (All Sectors) (Sum of Tables 7.3b and 7.3c)**

|                                      | Petroleum         |                                  |                                |                            |                             |                    | Natural Gas <sup>i</sup> | Other Gases <sup>g</sup> | Biomass           |                    | Other <sup>j</sup> |
|--------------------------------------|-------------------|----------------------------------|--------------------------------|----------------------------|-----------------------------|--------------------|--------------------------|--------------------------|-------------------|--------------------|--------------------|
|                                      | Coal <sup>a</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> |                    |
|                                      |                   |                                  |                                |                            |                             |                    |                          |                          |                   |                    |                    |
| <b>1950 Total</b> .....              | 91,871            | 5,423                            | 69,998                         | NA                         | NA                          | 75,421             | 629                      | NA                       | 5                 | NA                 | NA                 |
| <b>1955 Total</b> .....              | 143,759           | 5,412                            | 69,862                         | NA                         | NA                          | 75,274             | 1,153                    | NA                       | 3                 | NA                 | NA                 |
| <b>1960 Total</b> .....              | 176,685           | 3,824                            | 84,371                         | NA                         | NA                          | 88,195             | 1,725                    | NA                       | 2                 | NA                 | NA                 |
| <b>1965 Total</b> .....              | 244,788           | 4,928                            | 110,274                        | NA                         | NA                          | 115,203            | 2,321                    | NA                       | 3                 | NA                 | NA                 |
| <b>1970 Total</b> .....              | 320,182           | 24,123                           | 311,381                        | NA                         | 636                         | 338,686            | 3,932                    | NA                       | 1                 | 2                  | NA                 |
| <b>1975 Total</b> .....              | 405,962           | 38,907                           | 467,221                        | NA                         | 70                          | 506,479            | 3,158                    | NA                       | (s)               | 2                  | NA                 |
| <b>1980 Total</b> .....              | 569,274           | 29,051                           | 391,163                        | NA                         | 179                         | 421,110            | 3,682                    | NA                       | 3                 | 2                  | NA                 |
| <b>1985 Total</b> .....              | 693,841           | 14,635                           | 158,779                        | NA                         | 231                         | 174,571            | 3,044                    | NA                       | 8                 | 7                  | NA                 |
| <b>1990 Total</b> <sup>k</sup> ..... | 792,457           | 18,143                           | 190,652                        | 437                        | 1,914                       | 218,800            | 3,692                    | 112                      | 442               | 211                | 36                 |
| <b>1995 Total</b> .....              | 860,594           | 19,615                           | 95,507                         | 680                        | 3,355                       | 132,578            | 4,738                    | 133                      | 480               | 316                | 42                 |
| <b>2000 Total</b> .....              | 994,933           | 31,675                           | 143,381                        | 1,450                      | 3,744                       | 195,228            | 5,691                    | 126                      | 496               | 330                | 46                 |
| <b>2001 Total</b> .....              | 972,691           | 31,150                           | 165,312                        | 855                        | 3,871                       | 216,672            | 5,832                    | 97                       | 486               | 228                | 160                |
| <b>2002 Total</b> .....              | 987,583           | 23,286                           | 109,235                        | 1,894                      | 6,836                       | 168,597            | 6,126                    | 131                      | 605               | 257                | 191                |
| <b>2003 Total</b> .....              | 1,014,058         | 29,672                           | 142,518                        | 2,947                      | 6,303                       | 206,653            | 5,616                    | 156                      | 519               | 249                | 193                |
| <b>2004 Total</b> .....              | 1,020,523         | 20,163                           | 142,088                        | 2,856                      | 7,677                       | 203,494            | 5,675                    | 135                      | 344               | 230                | 183                |
| <b>2005 Total</b> .....              | 1,041,448         | 20,651                           | 141,518                        | 2,968                      | 8,330                       | 206,785            | 6,036                    | 110                      | 355               | 230                | 173                |
| <b>2006 Total</b> .....              | 1,030,556         | 13,174                           | 58,473                         | 2,174                      | 7,363                       | 110,634            | 6,462                    | 115                      | 350               | 241                | 172                |
| <b>2007 Total</b> .....              | 1,046,795         | 15,683                           | 63,833                         | 2,917                      | 6,036                       | 112,615            | 7,089                    | 115                      | 353               | 245                | 168                |
| <b>2008 Total</b> .....              | 1,042,335         | 12,832                           | 38,191                         | 2,822                      | 5,417                       | 80,932             | 6,896                    | 97                       | 339               | 267                | 172                |
| <b>2009 Total</b> .....              | 934,683           | 12,658                           | 28,576                         | 2,328                      | 4,821                       | 67,668             | 7,121                    | 84                       | 320               | 272                | 170                |
| <b>2010 Total</b> .....              | 979,684           | 14,050                           | 23,997                         | 2,056                      | 4,994                       | 65,071             | 7,680                    | 90                       | 350               | 281                | 184                |
| <b>2011 Total</b> .....              | 934,938           | 11,231                           | 14,251                         | 1,844                      | 5,012                       | 52,387             | 7,884                    | 91                       | 348               | 279                | 205                |
| <b>2012 Total</b> .....              | 825,734           | 9,285                            | 11,755                         | 1,565                      | 3,675                       | 40,977             | 9,485                    | 103                      | 390               | 290                | 204                |
| <b>2013 Total</b> .....              | 860,729           | 9,784                            | 11,766                         | 1,681                      | 4,852                       | 47,492             | 8,596                    | 115                      | 398               | 298                | 200                |
| <b>2014</b> .....                    |                   |                                  |                                |                            |                             |                    |                          |                          |                   |                    |                    |
| January .....                        | 83,647            | 4,958                            | 4,278                          | 954                        | 436                         | 12,369             | 695                      | 9                        | 37                | 27                 | 17                 |
| February .....                       | 76,160            | 1,380                            | 1,538                          | 199                        | 361                         | 4,924              | 580                      | 8                        | 34                | 25                 | 15                 |
| March .....                          | 72,124            | 1,480                            | 1,731                          | 264                        | 421                         | 5,578              | 591                      | 8                        | 37                | 27                 | 16                 |
| April .....                          | 58,065            | 672                              | 801                            | 83                         | 303                         | 3,070              | 579                      | 8                        | 32                | 26                 | 16                 |
| May .....                            | 64,033            | 840                              | 698                            | 109                        | 393                         | 3,614              | 680                      | 9                        | 32                | 27                 | 17                 |
| June .....                           | 74,328            | 690                              | 762                            | 50                         | 418                         | 3,591              | 754                      | 9                        | 37                | 27                 | 17                 |
| July .....                           | 81,495            | 673                              | 921                            | 102                        | 385                         | 3,621              | 881                      | 10                       | 39                | 28                 | 17                 |
| August .....                         | 81,074            | 700                              | 954                            | 97                         | 382                         | 3,661              | 935                      | 10                       | 38                | 27                 | 18                 |
| September .....                      | 69,127            | 718                              | 805                            | 121                        | 372                         | 3,504              | 806                      | 10                       | 36                | 26                 | 17                 |
| October .....                        | 61,129            | 675                              | 753                            | 123                        | 230                         | 2,701              | 736                      | 9                        | 35                | 25                 | 16                 |
| November .....                       | 64,651            | 841                              | 734                            | 106                        | 288                         | 3,121              | 633                      | 10                       | 36                | 24                 | 17                 |
| December .....                       | 67,799            | 837                              | 730                            | 153                        | 424                         | 3,840              | 674                      | 10                       | 38                | 25                 | 18                 |
| <b>Total</b> .....                   | <b>853,634</b>    | <b>14,465</b>                    | <b>14,704</b>                  | <b>2,363</b>               | <b>4,412</b>                | <b>53,593</b>      | <b>8,544</b>             | <b>110</b>               | <b>431</b>        | <b>314</b>         | <b>200</b>         |
| <b>2015</b> .....                    |                   |                                  |                                |                            |                             |                    |                          |                          |                   |                    |                    |
| January .....                        | R 71,384          | R 1,294                          | R 1,718                        | R 281                      | R 402                       | R 5,301            | R 745                    | R 10                     | R 36              | R 25               | R 17               |
| February .....                       | R 67,136          | R 3,732                          | R 4,102                        | R 755                      | R 413                       | R 10,655           | R 676                    | R 8                      | R 33              | R 22               | R 15               |
| March .....                          | R 58,367          | R 851                            | R 805                          | R 129                      | R 275                       | R 3,160            | R 736                    | R 8                      | R 34              | R 25               | R 16               |
| April .....                          | R 48,543          | R 638                            | R 762                          | R 122                      | R 300                       | R 3,020            | R 692                    | R 8                      | R 31              | R 25               | R 16               |
| May .....                            | R 57,153          | R 841                            | R 714                          | R 143                      | R 339                       | R 3,394            | R 766                    | R 9                      | R 32              | R 26               | R 17               |
| June .....                           | R 68,982          | R 785                            | R 823                          | R 137                      | R 306                       | R 3,277            | R 922                    | R 9                      | R 34              | R 26               | R 17               |
| July .....                           | R 76,570          | R 741                            | R 1,091                        | R 163                      | R 409                       | R 4,039            | R 1,084                  | R 10                     | R 37              | R 29               | R 19               |
| August .....                         | R 73,810          | R 706                            | R 961                          | R 134                      | R 388                       | R 3,740            | R 1,065                  | R 10                     | R 37              | R 28               | R 18               |
| September .....                      | R 64,823          | R 643                            | R 830                          | R 183                      | R 376                       | R 3,538            | R 930                    | R 9                      | R 34              | R 26               | R 17               |
| October .....                        | R 53,659          | R 636                            | R 759                          | R 146                      | R 300                       | R 3,041            | R 825                    | R 7                      | R 31              | R 26               | R 17               |
| November .....                       | R 48,943          | R 804                            | R 840                          | R 76                       | R 260                       | R 3,019            | R 767                    | R 7                      | R 33              | R 27               | R 17               |
| December .....                       | R 50,224          | R 768                            | R 718                          | R 94                       | R 276                       | R 2,961            | R 807                    | R 9                      | R 35              | R 28               | R 18               |
| <b>Total</b> .....                   | <b>R 739,594</b>  | <b>R 12,438</b>                  | <b>R 14,124</b>                | <b>R 2,363</b>             | <b>R 4,044</b>              | <b>R 49,145</b>    | <b>R 10,017</b>          | <b>R 106</b>             | <b>R 407</b>      | <b>R 313</b>       | <b>R 204</b>       |
| <b>2016</b> .....                    |                   |                                  |                                |                            |                             |                    |                          |                          |                   |                    |                    |
| January .....                        | R 62,032          | R 1,186                          | R 979                          | R 160                      | R 341                       | R 4,032            | R 804                    | 10                       | R 34              | 27                 | 16                 |
| February .....                       | R 50,570          | R 837                            | R 1,091                        | R 183                      | R 329                       | R 3,753            | R 717                    | 9                        | R 33              | R 25               | 14                 |
| March .....                          | R 39,852          | R 659                            | R 593                          | R 114                      | R 366                       | R 3,197            | R 777                    | R 10                     | R 33              | R 26               | 15                 |
| April .....                          | R 38,965          | R 617                            | R 610                          | R 91                       | R 390                       | R 3,267            | R 756                    | 9                        | R 27              | R 27               | 16                 |
| May .....                            | R 44,998          | R 794                            | R 657                          | R 108                      | R 372                       | R 3,421            | R 841                    | 8                        | R 29              | R 27               | R 17               |
| June .....                           | R 63,328          | R 694                            | R 772                          | R 111                      | R 382                       | R 3,488            | R 1,007                  | 8                        | 32                | 26                 | R 17               |
| July .....                           | R 74,282          | R 814                            | R 1,255                        | R 138                      | R 403                       | R 4,222            | R 1,179                  | R 9                      | 34                | R 27               | 17                 |
| August .....                         | R 73,871          | R 792                            | R 1,196                        | R 205                      | R 422                       | R 4,302            | R 1,192                  | R 9                      | 35                | R 28               | 17                 |
| September .....                      | 62,430            | 631                              | 781                            | 120                        | 383                         | 3,449              | 951                      | 8                        | 32                | 25                 | 16                 |
| <b>9-Month Total</b> .....           | <b>510,329</b>    | <b>7,024</b>                     | <b>7,934</b>                   | <b>1,230</b>               | <b>3,389</b>                | <b>33,132</b>      | <b>8,223</b>             | <b>80</b>                | <b>289</b>        | <b>237</b>         | <b>146</b>         |
| <b>2015 9-Month Total</b> .....      | <b>586,768</b>    | <b>10,230</b>                    | <b>11,807</b>                  | <b>2,047</b>               | <b>3,208</b>                | <b>40,124</b>      | <b>7,617</b>             | <b>82</b>                | <b>308</b>        | <b>231</b>         | <b>151</b>         |
| <b>2014 9-Month Total</b> .....      | <b>660,054</b>    | <b>12,112</b>                    | <b>12,487</b>                  | <b>1,980</b>               | <b>3,470</b>                | <b>43,930</b>      | <b>6,501</b>             | <b>81</b>                | <b>322</b>        | <b>239</b>         | <b>149</b>         |

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

<sup>b</sup> Fuel oil nos. 1, 2, and 4. For 1949–1979, data are for gas turbine and internal combustion plant use of petroleum. For 1980–2000, electric utility data also include small amounts of kerosene and jet fuel.

<sup>c</sup> Fuel oil nos. 5 and 6. For 1949–1979, data are for steam plant use of petroleum. For 1980–2000, electric utility data also include a small amount of fuel oil no. 4.

<sup>d</sup> Jet fuel, kerosene, other petroleum liquids, waste oil, and, beginning in 2011, propane.

<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, and other manufactured and waste gases derived from fossil fuels. Through 2010, also includes propane gas.

<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.

R=Revised. NA=Not available. (s)=Less than 0.5 trillion Btu.

Notes: • Data are for utility-scale facilities. See Note 1, "Coverage of Electricity Statistics," at end of section. • Data are for fuels consumed to produce electricity. Data also include fuels consumed to produce useful thermal output at a small number of electric utility combined-heat-and-power (CHP) plants. • 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.gov/totalenergy/data/monthly/#electricity> (Excel and CSV files) for all available annual data beginning in 1949 and monthly data beginning in 1973.

Sources: See "Table 7.3b Sources" at end of section and sources for Table 7.3c.