

**Table 3.8a Heat Content of Petroleum Consumption: Residential and Commercial Sectors**  
(Trillion Btu)

|                    | Residential Sector  |                  |           |       | Commercial Sector <sup>a</sup> |                  |           |                               |                |                   |                  |
|--------------------|---------------------|------------------|-----------|-------|--------------------------------|------------------|-----------|-------------------------------|----------------|-------------------|------------------|
|                    | Distillate Fuel Oil | HGL <sup>b</sup> | Kero-sene | Total | Distillate Fuel Oil            | HGL <sup>b</sup> | Kero-sene | Motor Gasoline <sup>c,d</sup> | Petroleum Coke | Residual Fuel Oil | Total            |
|                    |                     | Propane          |           |       |                                | Propane          |           |                               |                |                   |                  |
| 1950 Total         | 829                 | 146              | 347       | 1,322 | 262                            | 39               | 47        | 100                           | NA             | 424               | 872              |
| 1955 Total         | 1,194               | 202              | 371       | 1,767 | 377                            | 54               | 51        | 133                           | NA             | 480               | 1,095            |
| 1960 Total         | 1,568               | 305              | 354       | 2,227 | 494                            | 81               | 48        | 67                            | NA             | 559               | 1,248            |
| 1965 Total         | 1,713               | 385              | 334       | 2,432 | 534                            | 103              | 54        | 77                            | NA             | 645               | 1,413            |
| 1970 Total         | 1,878               | 549              | 298       | 2,725 | 587                            | 143              | 61        | 86                            | NA             | 714               | 1,592            |
| 1975 Total         | 1,807               | 512              | 161       | 2,479 | 587                            | 129              | 49        | 89                            | NA             | 492               | 1,346            |
| 1980 Total         | 1,316               | 311              | 107       | 1,734 | 518                            | 88               | 41        | 107                           | NA             | 565               | 1,318            |
| 1985 Total         | 1,092               | 314              | 159       | 1,565 | 631                            | 95               | 33        | 96                            | NA             | 228               | 1,083            |
| 1990 Total         | 978                 | 352              | 64        | 1,394 | 536                            | 102              | 12        | 111                           | 0              | 230               | 991              |
| 1995 Total         | 904                 | 395              | 74        | 1,373 | 478                            | 109              | 22        | 18                            | (s)            | 141               | 769              |
| 2000 Total         | 904                 | 555              | 95        | 1,553 | 490                            | 150              | 30        | <sup>R</sup> 44               | (s)            | 92                | 807              |
| 2001 Total         | 907                 | 526              | 95        | 1,528 | 508                            | 143              | 31        | 37                            | (s)            | 70                | 789              |
| 2002 Total         | 859                 | 537              | 60        | 1,456 | 444                            | 141              | 16        | 45                            | (s)            | 80                | <sup>R</sup> 725 |
| 2003 Total         | 931                 | 544              | 70        | 1,546 | 496                            | 157              | 19        | 60                            | (s)            | 111               | 842              |
| 2004 Total         | 923                 | 512              | 85        | 1,519 | 470                            | 152              | 20        | 45                            | (s)            | 122               | 810              |
| 2005 Total         | 853                 | 513              | 84        | 1,450 | 447                            | 131              | 22        | 46                            | (s)            | 116               | 762              |
| 2006 Total         | 709                 | 446              | 66        | 1,221 | 400                            | 123              | 15        | 48                            | (s)            | 75                | 662              |
| 2007 Total         | 721                 | 484              | 44        | 1,249 | 381                            | 121              | 9         | 60                            | (s)            | 75                | 648              |
| 2008 Total         | 750                 | 553              | 21        | 1,324 | 384                            | 158              | 4         | 45                            | (s)            | 71                | <sup>R</sup> 662 |
| 2009 Total         | 582                 | 547              | 28        | 1,157 | 395                            | 139              | 4         | 52                            | (s)            | 71                | 662              |
| 2010 Total         | 562                 | 529              | 29        | 1,120 | 391                            | 140              | 5         | 52                            | (s)            | 62                | 650              |
| 2011 Total         | 523                 | 492              | 19        | 1,033 | 391                            | 142              | 3         | 44                            | (s)            | 54                | 635              |
| 2012 Total         | 482                 | 395              | 8         | 885   | 355                            | 135              | 1         | 39                            | (s)            | 31                | 562              |
| 2013 Total         | 491                 | 463              | 8         | 963   | 344                            | 151              | 1         | 40                            | (s)            | 24                | 561              |
| 2014 Total         | 533                 | 489              | 14        | 1,036 | 357                            | 160              | 2         | 54                            | 1              | 8                 | 581              |
| 2015 Total         | 551                 | 445              | 10        | 1,007 | 360                            | 148              | 1         | <sup>d</sup> 376              | 1              | 4                 | 890              |
| 2016 January       | 55                  | 43               | (s)       | 98    | 41                             | 15               | (s)       | 29                            | (s)            | 1                 | 86               |
| February           | 53                  | 39               | (s)       | 92    | 40                             | 13               | (s)       | 29                            | (s)            | 1                 | 84               |
| March              | 38                  | 38               | 1         | 77    | 28                             | 13               | (s)       | 32                            | (s)            | (s)               | 74               |
| April              | 33                  | 33               | (s)       | 67    | 25                             | 12               | (s)       | 30                            | (s)            | (s)               | 67               |
| May                | 30                  | 35               | 1         | 66    | 23                             | 12               | (s)       | 32                            | 0              | (s)               | 67               |
| June               | 21                  | 31               | 1         | 53    | 15                             | 11               | (s)       | 32                            | (s)            | (s)               | 58               |
| July               | 22                  | 35               | 1         | 58    | 16                             | 12               | (s)       | 33                            | (s)            | (s)               | 62               |
| August             | 17                  | 33               | (s)       | 50    | 13                             | 12               | (s)       | 33                            | 0              | (s)               | 58               |
| September          | 26                  | 34               | 2         | 61    | 19                             | 12               | (s)       | 31                            | 0              | (s)               | 63               |
| October            | 37                  | 36               | 3         | 75    | 27                             | 13               | (s)       | 31                            | 0              | (s)               | 72               |
| November           | 39                  | 35               | (s)       | 75    | 30                             | 12               | (s)       | 30                            | (s)            | (s)               | 73               |
| December           | 64                  | 39               | 3         | 106   | 48                             | 14               | (s)       | 32                            | (s)            | 1                 | 94               |
| Total              | 435                 | 429              | 14        | 878   | 326                            | 150              | 2         | 375                           | (s)            | 4                 | <sup>R</sup> 857 |
| 2017 January       | 60                  | 44               | 3         | 107   | 45                             | 15               | (s)       | 29                            | (s)            | 1                 | 91               |
| February           | 45                  | 34               | 1         | 80    | 34                             | 12               | (s)       | 28                            | (s)            | 1                 | 74               |
| March              | 42                  | 39               | (s)       | 81    | 32                             | 13               | (s)       | 32                            | (s)            | (s)               | 78               |
| April              | 34                  | 34               | (s)       | 69    | 25                             | 12               | (s)       | 31                            | (s)            | (s)               | 68               |
| May                | 24                  | 34               | (s)       | 59    | 18                             | 12               | (s)       | 33                            | (s)            | (s)               | 63               |
| June               | 29                  | 35               | (s)       | 64    | 22                             | 12               | (s)       | 32                            | (s)            | (s)               | 67               |
| July               | 18                  | 37               | (s)       | 56    | 14                             | 13               | (s)       | 33                            | (s)            | (s)               | 60               |
| August             | 24                  | 32               | (s)       | 56    | 18                             | 11               | (s)       | 33                            | (s)            | (s)               | 63               |
| September          | 23                  | 32               | 2         | 57    | 18                             | 11               | (s)       | 31                            | (s)            | (s)               | 60               |
| October            | 31                  | 35               | (s)       | 66    | 23                             | 12               | (s)       | 32                            | (s)            | (s)               | <sup>R</sup> 67  |
| November           | 46                  | 40               | (s)       | 86    | 34                             | 14               | (s)       | 30                            | (s)            | 1                 | 79               |
| December           | 64                  | 44               | (s)       | 108   | 48                             | 15               | (s)       | <sup>R</sup> 31               | (s)            | 1                 | 95               |
| Total              | 440                 | 440              | 8         | 889   | 330                            | 154              | 1         | 374                           | (s)            | 5                 | 865              |
| 2018 January       | 78                  | 49               | 5         | 132   | 58                             | 17               | 1         | 30                            | (s)            | 1                 | 107              |
| February           | 50                  | 40               | (s)       | 90    | 38                             | 14               | (s)       | 27                            | (s)            | 1                 | 79               |
| March              | 42                  | 44               | (s)       | 85    | 31                             | 15               | (s)       | 32                            | (s)            | (s)               | 79               |
| April              | 38                  | 39               | (s)       | 78    | 29                             | 14               | (s)       | 30                            | (s)            | (s)               | 73               |
| May                | 23                  | 36               | 1         | 60    | 18                             | 13               | (s)       | 33                            | 0              | (s)               | 63               |
| June               | 18                  | 36               | (s)       | 54    | 14                             | 13               | (s)       | 32                            | 0              | (s)               | 59               |
| July               | 17                  | 39               | (s)       | 56    | 13                             | 14               | (s)       | 33                            | 0              | (s)               | 60               |
| 7-Month Total      | 266                 | 284              | 7         | 557   | 200                            | 99               | 1         | 217                           | (s)            | 3                 | 520              |
| 2017 7-Month Total | 253                 | 257              | 5         | 516   | 190                            | 90               | 1         | 216                           | (s)            | 3                 | 500              |
| 2016 7-Month Total | 252                 | 252              | 6         | 510   | 189                            | 88               | 1         | 217                           | (s)            | 3                 | 498              |

<sup>a</sup> Commercial sector fuel use, including that at commercial combined-heat-and-power (CHP) and commercial electricity-only plants.

<sup>b</sup> Hydrocarbon gas liquids.

<sup>c</sup> Finished motor gasoline. Through 1963, also includes special naphthas. Beginning in 1993, also includes fuel ethanol blended into motor gasoline.

<sup>d</sup> There is a discontinuity in this time series between 2014 and 2015 due to a change in the method for allocating motor gasoline consumption to the end-use sectors. Beginning in 2015, the commercial and industrial sector shares of motor gasoline consumption are larger than in 2014, while the transportation sector share is smaller.

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

Notes: • Data are estimates. • For total heat content of petroleum consumption by all sectors, see data for heat content of petroleum products supplied in Table 3.6. Petroleum products supplied is an approximation of petroleum consumption and is synonymous with the term "petroleum consumption" in Tables 3.7a–3.8c. See Note 1, "Petroleum Products Supplied and Petroleum Consumption," at end of section. • 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/#petroleum> (Excel and CSV files) for all available annual data beginning in 1949 and monthly data beginning in 1973.

Sources: See end of section.

Historical revisions are due to the incorporation of revised thermal conversion factors in Table A3.