

Table 3.8c Heat Content of Petroleum Consumption: Transportation and Electric Power Sectors (Trillion Btu)

| | Transportation Sector | | | | | | | | Electric Power Sector ^a | | | | |
|---------------------------|-----------------------|----------------------------------|----------------------|------------------|-----------------------|---------------------|-------------------------------|-------------------|------------------------------------|----------------------------------|----------------|--------------------------------|-------|
| | Aviation Gasoline | Distillate Fuel Oil ^c | HGL ^b | | Jet Fuel ^e | Lubricants | Motor Gasoline ^{f,g} | Residual Fuel Oil | Total | Distillate Fuel Oil ^h | Petroleum Coke | Residual Fuel Oil ⁱ | Total |
| | | | Propane ^d | | | | | | | | | | |
| 1950 Total | 199 | 480 | 3 | (^e) | 141 | 4,664 | 1,201 | 6,690 | 32 | NA | 440 | 472 | |
| 1955 Total | 354 | 791 | 13 | 301 | 155 | 6,175 | 1,009 | 8,799 | 32 | NA | 439 | 471 | |
| 1960 Total | 298 | 892 | 19 | 739 | 152 | 7,183 | 844 | 10,125 | 22 | NA | 530 | 553 | |
| 1965 Total | 222 | 1,093 | 32 | 1,215 | 149 | 8,386 | 770 | 11,866 | 29 | NA | 693 | 722 | |
| 1970 Total | 100 | 1,569 | 44 | 1,973 | 147 | 10,716 | 761 | 15,310 | 141 | 19 | 1,958 | 2,117 | |
| 1975 Total | 71 | 2,121 | 43 | 2,029 | 155 | 12,485 | 711 | 17,615 | 226 | 2 | 2,937 | 3,166 | |
| 1980 Total | 64 | 2,795 | 18 | 2,179 | 172 | 12,383 | 1,398 | 19,009 | 169 | 5 | 2,459 | 2,634 | |
| 1985 Total | 50 | 3,170 | 30 | 2,497 | 156 | 12,784 | 786 | 19,472 | 85 | 7 | 998 | 1,090 | |
| 1990 Total | 45 | 3,661 | 23 | 3,129 | 176 | 13,575 | 1,016 | 21,626 | 97 | 30 | 1,163 | 1,289 | |
| 1995 Total | 40 | 4,191 | 18 | 3,132 | 168 | 14,576 | 911 | 23,036 | 108 | 81 | 566 | 755 | |
| 2000 Total | 36 | 5,159 | 12 | 3,580 | 179 | 15,933 | 888 | 25,787 | 175 | 99 | 871 | 1,144 | |
| 2001 Total | 35 | 5,286 | 14 | 3,426 | 164 | 16,013 | 586 | 25,524 | 170 | 103 | 1,003 | 1,276 | |
| 2002 Total | 34 | 5,387 | 14 | 3,340 | 162 | 16,437 | 677 | 26,051 | 127 | 175 | 659 | 961 | |
| 2003 Total | 30 | 5,584 | 18 | 3,265 | 150 | 16,565 | 571 | 26,184 | 161 | 175 | 869 | 1,205 | |
| 2004 Total | 31 | 5,925 | 19 | 3,383 | 152 | 16,901 | 740 | 27,150 | 111 | 211 | 879 | 1,201 | |
| 2005 Total | 35 | 6,068 | 28 | 3,475 | 151 | 16,958 | 837 | 27,553 | 114 | 231 | 876 | 1,222 | |
| 2006 Total | 33 | 6,390 | 27 | 3,379 | 147 | 17,088 | 906 | 27,972 | 73 | 203 | 361 | 637 | |
| 2007 Total | 32 | 6,411 | 22 | 3,358 | 152 | 17,066 | 994 | 28,034 | 89 | 163 | 397 | 648 | |
| 2008 Total | 28 | 5,792 | 40 | 3,193 | 141 | 16,510 | 926 | 26,630 | 73 | 146 | 240 | 459 | |
| 2009 Total | 27 | 5,541 | 28 | 2,883 | 127 | 16,422 | 791 | 25,818 | 70 | 132 | 181 | 382 | |
| 2010 Total | 27 | 5,828 | ^d 9 | 2,963 | 155 | 16,320 | 892 | 26,194 | 80 | 137 | 154 | 370 | |
| 2011 Total | 27 | 6,003 | 10 | 2,950 | 148 | 15,877 | 776 | 25,791 | 64 | 138 | 93 | 295 | |
| 2012 Total | 25 | 5,741 | 10 | 2,901 | 135 | 15,795 | 671 | 25,279 | 52 | 85 | 77 | 214 | |
| 2013 Total | 22 | 5,902 | 9 | 2,969 | 143 | 16,030 | 581 | 25,657 | 55 | 123 | 77 | 255 | |
| 2014 Total | 22 | 6,162 | 9 | 3,042 | 149 | 16,209 | 447 | 26,039 | 82 | 118 | 95 | 295 | |
| 2015 Total | 21 | 6,259 | 9 | 3,204 | 163 | ^g 16,308 | 463 | 26,428 | 70 | 112 | 94 | 276 | |
| 2016 | | | | | | | | | | | | | |
| January | 1 | 473 | 1 | 255 | 14 | 1,306 | 48 | 2,097 | 7 | 9 | 7 | 23 | |
| February | 2 | 455 | 1 | 252 | 14 | 1,302 | 23 | 2,049 | 5 | 9 | 7 | 22 | |
| March | 2 | 517 | 1 | 272 | 14 | 1,415 | 61 | 2,281 | 4 | 10 | 4 | 18 | |
| April | 2 | 508 | 1 | 266 | 13 | 1,340 | 74 | 2,204 | 4 | 11 | 4 | 19 | |
| May | 2 | 530 | 1 | 277 | 13 | 1,421 | 54 | 2,298 | 5 | 10 | 5 | 19 | |
| June | 2 | 538 | 1 | 293 | 14 | 1,403 | 54 | 2,305 | 4 | 11 | 5 | 20 | |
| July | 2 | 541 | 1 | 302 | 11 | 1,445 | 68 | 2,371 | 5 | 11 | 8 | 24 | |
| August | 2 | 567 | 1 | 303 | 12 | 1,462 | 50 | 2,396 | 4 | 12 | 8 | 24 | |
| September | 2 | 529 | 1 | 278 | 12 | 1,385 | 39 | 2,245 | 4 | 11 | 5 | 20 | |
| October | 2 | 543 | 1 | 283 | 13 | 1,372 | 55 | 2,269 | 4 | 7 | 6 | 16 | |
| November | 2 | 504 | 1 | 278 | 12 | 1,349 | 49 | 2,193 | 5 | 8 | 5 | 18 | |
| December | 2 | 506 | 1 | 291 | 12 | 1,401 | 49 | 2,260 | 5 | 9 | 6 | 20 | |
| Total | 20 | 6,211 | 10 | 3,350 | 154 | 16,601 | 623 | 26,969 | 55 | 118 | 71 | 244 | |
| 2017 | | | | | | | | | | | | | |
| January | 1 | 464 | 1 | 279 | 14 | 1,283 | 92 | 2,134 | 5 | 10 | 5 | 21 | |
| February | 1 | 451 | 1 | 241 | 12 | 1,227 | 41 | 1,973 | 4 | 8 | 5 | 16 | |
| March | 2 | 530 | 1 | 295 | 14 | 1,407 | 53 | 2,300 | 5 | 7 | 5 | 17 | |
| April | 2 | 508 | 1 | 280 | 12 | 1,357 | 45 | 2,204 | 4 | 5 | 4 | 13 | |
| May | 2 | 554 | 1 | 293 | 13 | 1,441 | 59 | 2,363 | 5 | 9 | 5 | 19 | |
| June | 3 | 544 | 1 | 300 | 12 | 1,427 | 55 | 2,340 | 4 | 10 | 6 | 19 | |
| July | 2 | 551 | 1 | 305 | 12 | 1,448 | 47 | 2,364 | 4 | 10 | 5 | 18 | |
| August | 2 | 575 | 1 | 310 | 9 | 1,471 | 57 | 2,425 | 4 | 8 | 6 | 18 | |
| September | 1 | 535 | 1 | 277 | 11 | 1,369 | 47 | 2,241 | 4 | 8 | 5 | 17 | |
| October | 1 | 553 | 1 | 308 | 12 | 1,412 | 53 | 2,339 | 4 | 6 | 5 | 16 | |
| November | 2 | 519 | 1 | 287 | 12 | 1,330 | 64 | 2,213 | 4 | 8 | 4 | 17 | |
| December | 2 | 503 | 1 | 309 | 9 | 1,395 | 46 | 2,265 | 9 | 8 | 10 | 27 | |
| Total | 21 | 6,285 | 10 | 3,481 | 142 | 16,566 | 657 | 27,163 | 55 | 97 | 66 | 218 | |
| 2018 | | | | | | | | | | | | | |
| January | 1 | 490 | 1 | 279 | 11 | 1,319 | 40 | 2,140 | 30 | 10 | 21 | 60 | |
| February | 1 | 449 | 1 | 254 | 10 | 1,201 | 41 | 1,957 | 3 | 8 | 4 | 15 | |
| March | 2 | 534 | 1 | 302 | 13 | 1,425 | 36 | 2,313 | 4 | 7 | 4 | 15 | |
| April | 2 | 532 | 1 | 278 | 10 | 1,341 | 67 | 2,231 | 4 | 7 | 4 | 15 | |
| May | 2 | 578 | 1 | 300 | 11 | 1,441 | 51 | 2,383 | 5 | 4 | 5 | 14 | |
| June | 2 | 551 | 1 | 315 | 13 | 1,430 | 37 | 2,350 | 5 | 8 | 6 | 19 | |
| July | 3 | 575 | 1 | 312 | 13 | 1,454 | 55 | 2,412 | 4 | 10 | 5 | 19 | |
| August | 2 | 594 | 1 | 326 | 12 | 1,471 | 51 | 2,456 | 4 | 9 | 6 | 19 | |
| September | 1 | 543 | 1 | 289 | 7 | 1,331 | 57 | 2,230 | 4 | 9 | 6 | 19 | |
| 9-Month Total | 17 | 4,845 | 8 | 2,655 | 99 | 12,413 | 435 | 20,472 | 61 | 72 | 62 | 195 | |
| 2017 9-Month Total | 16 | 4,711 | 7 | 2,578 | 109 | 12,429 | 495 | 20,345 | 38 | 75 | 46 | 158 | |
| 2016 9-Month Total | 16 | 4,658 | 7 | 2,499 | 118 | 12,479 | 470 | 20,246 | 41 | 94 | 55 | 189 | |

^a Electricity-only and combined-heat-and-power (CHP) plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. Through 1988, data are for electric utilities only; beginning in 1989, data are for electric utilities and independent power producers.

^b Hydrocarbon gas liquids.

^c Beginning in 2009, includes renewable diesel fuel (including biodiesel) blended into distillate fuel oil.

^d There is a discontinuity in this time series between 2009 and 2010 due to a change in data sources.

^e Beginning in 1957, includes kerosene-type jet fuel. For 1952–2004, also includes naphtha-type jet fuel. (Through 1951, naphtha-type jet fuel is included in the products from which it was blended—gasoline, kerosene, and distillate fuel oil. Beginning in 2005, naphtha-type jet fuel is included in "Other" on Table 3.8b.)

^f Finished motor gasoline. Through 1963, also includes special naphthas. Beginning in 1993, also includes fuel ethanol blended into motor gasoline.

^g 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.

^h Fuel oil nos. 1, 2, and 4. Through 1979, data are for gas turbine and internal

combustion plant use of petroleum. Through 2000, electric utility data also include small amounts of kerosene and jet fuel.

ⁱ Fuel oil nos. 5 and 6. Through 1979, data are for steam plant use of petroleum. Through 2000, electric utility data also include a small amount of fuel oil no. 4.

NA=Not available.

Notes: • Transportation sector 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. Other measurements of consumption by fuel type or sector may differ. For example, jet fuel product supplied may not equal jet fuel consumed by U.S.-flagged aircraft. 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.