

**Table 2.1e Transportation Sector Energy Consumption Estimates, Selected Years, 1949-2011**

(Trillion Btu)

| Year              | Primary Consumption <sup>1</sup> |                          |                          |         |                               | Total Primary | Electricity Retail Sales <sup>7</sup> | Electrical System Energy Losses <sup>8</sup> | Total   |
|-------------------|----------------------------------|--------------------------|--------------------------|---------|-------------------------------|---------------|---------------------------------------|--|---------|
|                   | Fossil Fuels                     |                          |                          | Total   | Renewable Energy <sup>2</sup> |               |                                       |  |         |
|                   | Coal                             | Natural Gas <sup>3</sup> | Petroleum <sup>4,5</sup> |         | Biomass <sup>6</sup>          |               |                                       |  |         |
| 1949              | 1,727                            | NA                       | 6,152                    | 7,880   | NA                            | 7,880         | 22                                    | 88   | 7,990   |
| 1950              | 1,564                            | 130                      | 6,690                    | 8,383   | NA                            | 8,383         | 23                                    | 86   | 8,492   |
| 1955              | 421                              | 254                      | 8,799                    | 9,474   | NA                            | 9,474         | 20                                    | 56   | 9,550   |
| 1960              | 75                               | 359                      | 10,125                   | 10,560  | NA                            | 10,560        | 10                                    | 26   | 10,596  |
| 1965              | 16                               | 517                      | 11,866                   | 12,399  | NA                            | 12,399        | 10                                    | 24   | 12,432  |
| 1970              | 7                                | 745                      | 15,310                   | 16,062  | NA                            | 16,062        | 11                                    | 26   | 16,098  |
| 1975              | 1                                | 595                      | 17,615                   | 18,210  | NA                            | 18,210        | 10                                    | 24   | 18,245  |
| 1976              | (s)                              | 559                      | 18,508                   | 19,067  | NA                            | 19,067        | 10                                    | 24   | 19,101  |
| 1977              | (s)                              | 543                      | 19,243                   | 19,786  | NA                            | 19,786        | 10                                    | 25   | 19,822  |
| 1978              | ( <sup>9</sup> )                 | 539                      | 20,044                   | 20,583  | NA                            | 20,583        | 10                                    | 24   | 20,617  |
| 1979              | ( <sup>9</sup> )                 | 612                      | 19,825                   | 20,437  | NA                            | 20,437        | 10                                    | 24   | 20,472  |
| 1980              | ( <sup>9</sup> )                 | 650                      | 19,009                   | 19,659  | NA                            | 19,659        | 11                                    | 27   | 19,697  |
| 1981              | ( <sup>9</sup> )                 | 658                      | 18,813                   | 19,471  | 7                             | 19,478        | 11                                    | 25   | 19,514  |
| 1982              | ( <sup>9</sup> )                 | 612                      | 18,422                   | 19,034  | 18                            | 19,052        | 11                                    | 26   | 19,089  |
| 1983              | ( <sup>9</sup> )                 | 505                      | 18,595                   | 19,100  | 34                            | 19,134        | 13                                    | 30   | 19,177  |
| 1984              | ( <sup>9</sup> )                 | 545                      | 19,023                   | 19,567  | 41                            | 19,609        | 14                                    | 33   | 19,656  |
| 1985              | ( <sup>9</sup> )                 | 519                      | 19,472                   | 19,992  | 50                            | 20,041        | 14                                    | 32   | 20,088  |
| 1986              | ( <sup>9</sup> )                 | 499                      | 20,183                   | 20,682  | 57                            | 20,740        | 15                                    | 34   | 20,789  |
| 1987              | ( <sup>9</sup> )                 | 535                      | 20,817                   | 21,353  | 66                            | 21,419        | 16                                    | 35   | 21,469  |
| 1988              | ( <sup>9</sup> )                 | 632                      | 21,568                   | 22,199  | 67                            | 22,267        | 16                                    | 35   | 22,318  |
| 1989              | ( <sup>9</sup> )                 | 649                      | 21,707                   | 22,356  | 68                            | 22,424        | 16                                    | 38   | 22,478  |
| 1990              | ( <sup>9</sup> )                 | 680                      | 21,626                   | 22,306  | 60                            | 22,366        | 16                                    | 37   | 22,420  |
| 1991              | ( <sup>9</sup> )                 | 620                      | 21,374                   | 21,995  | 70                            | 22,065        | 16                                    | 37   | 22,118  |
| 1992              | ( <sup>9</sup> )                 | 608                      | 21,675                   | 22,283  | 80                            | 22,363        | 16                                    | 36   | 22,415  |
| 1993              | ( <sup>9</sup> )                 | 645                      | 21,977                   | 22,621  | 94                            | 22,715        | 16                                    | 37   | 22,768  |
| 1994              | ( <sup>9</sup> )                 | 709                      | 22,497                   | 23,206  | 105                           | 23,311        | 17                                    | 38   | 23,366  |
| 1995              | ( <sup>9</sup> )                 | 724                      | 22,955                   | 23,679  | 112                           | 23,791        | 17                                    | 38   | 23,846  |
| 1996              | ( <sup>9</sup> )                 | 737                      | 23,565                   | 24,302  | 81                            | 24,383        | 17                                    | 38   | 24,437  |
| 1997              | ( <sup>9</sup> )                 | 780                      | 23,813                   | 24,593  | 102                           | 24,695        | 17                                    | 38   | 24,750  |
| 1998              | ( <sup>9</sup> )                 | 666                      | 24,422                   | 25,088  | 113                           | 25,201        | 17                                    | 38   | 25,256  |
| 1999              | ( <sup>9</sup> )                 | 675                      | 25,098                   | 25,774  | 118                           | 25,891        | 17                                    | 40   | 25,949  |
| 2000              | ( <sup>9</sup> )                 | 672                      | 25,682                   | 26,354  | 135                           | 26,489        | 18                                    | 42   | 26,548  |
| 2001              | ( <sup>9</sup> )                 | 658                      | 25,412                   | 26,070  | 142                           | 26,213        | 20                                    | 43   | 26,275  |
| 2002              | ( <sup>9</sup> )                 | R699                     | 25,913                   | R26,612 | 170                           | R26,781       | 19                                    | 42   | R26,842 |
| 2003              | ( <sup>9</sup> )                 | 627                      | 26,063                   | 26,690  | 230                           | 26,920        | 23                                    | 51   | 26,994  |
| 2004              | ( <sup>9</sup> )                 | 602                      | 26,925                   | 27,527  | 290                           | 27,817        | 25                                    | 54   | 27,895  |
| 2005              | ( <sup>9</sup> )                 | 624                      | 27,309                   | 27,933  | 339                           | 28,272        | 26                                    | 56   | 28,353  |
| 2006              | ( <sup>9</sup> )                 | 625                      | 27,651                   | 28,276  | 475                           | 28,751        | 25                                    | 54   | 28,830  |
| 2007              | ( <sup>9</sup> )                 | R663                     | 27,763                   | R28,427 | 602                           | R29,029       | 28                                    | 60   | R29,117 |
| 2008              | ( <sup>9</sup> )                 | 692                      | 26,407                   | 27,099  | 826                           | 27,925        | 26                                    | 56   | 28,008  |
| 2009              | ( <sup>9</sup> )                 | R715                     | 25,339                   | R26,054 | R935                          | R26,989       | 27                                    | 56   | R27,071 |
| 2010              | ( <sup>9</sup> )                 | R716                     | R25,595                  | R26,310 | R1,074                        | R27,384       | 26                                    | 55   | R27,466 |
| 2011 <sup>P</sup> | ( <sup>9</sup> )                 | 735                      | 25,110                   | 25,845  | 1,154                         | 26,999        | 26                                    | 54   | 27,079  |

<sup>1</sup> See "Primary Energy Consumption" in Glossary.

<sup>2</sup> Data are estimates. See Table 10.2b for notes on series components.

<sup>3</sup> Natural gas only; does not include supplemental gaseous fuels—see Note 1, "Supplemental Gaseous Fuels," at end of Section 6. Data are for natural gas consumed in the operation of pipelines (primarily in compressors) and small amounts consumed as vehicle fuel—see Table 6.5.

<sup>4</sup> Based on petroleum product supplied. For petroleum, product supplied is used as an approximation of petroleum consumption. See Note 1, "Petroleum Products Supplied and Petroleum Consumption," at end of Section 5.

<sup>5</sup> Does not include biofuels that have been blended with petroleum—biofuels are included in "Biomass."

<sup>6</sup> Fuel ethanol (minus denaturant) and biodiesel.

<sup>7</sup> Electricity retail sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.

<sup>8</sup> Total losses are calculated as the primary energy consumed by the electric power sector minus the energy content of electricity retail sales. Total losses are allocated to the end-use sectors in proportion to each sector's share of total electricity retail sales. See Note, "Electrical System Energy Losses," at end of section.

<sup>9</sup> Beginning in 1978, the small amounts of coal consumed for transportation are reported as industrial sector consumption.

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

Note: Totals may not equal sum of components due to independent rounding.

Web Pages: • See <http://www.eia.gov/totalenergy/data/monthly/#consumption> for updated monthly and annual data. • See <http://www.eia.gov/totalenergy/data/annual/#consumption> for all annual data beginning in 1949.

Sources: Tables 2.1f, 5.14c, 6.5, 7.3, 8.9, 10.2b, A4, A5, and A6.