

Table 1.3 Primary Energy Consumption by Source, Selected Years, 1949-2007
(Quadrillion Btu)

| Year | Fossil Fuels | | | | | Nuclear Electric Power | Renewable Energy ¹ | | | | | | Electricity Net Imports ² | Total |
|-------------------|---------------------|------------------------------------|--------------------------|------------------------|---------------------|------------------------|-----------------------------------|-------------------|-------------------|-------------------|--------------------|--------------------|--------------------------------------|----------------------|
| | Coal | Coal Coke Net Imports ² | Natural Gas ³ | Petroleum ⁴ | Total | | Hydro-electric Power ⁵ | Geothermal | Solar/PV | Wind | Biomass | Total | | |
| 1949 | 11.981 | -0.007 | 5.145 | 11.883 | 29.002 | 0.000 | 1.425 | NA | NA | NA | 1.549 | 2.974 | 0.005 | 31.982 |
| 1950 | 12.347 | .001 | 5.968 | 13.315 | 31.632 | .000 | 1.415 | NA | NA | NA | 1.562 | 2.978 | .006 | 34.616 |
| 1955 | 11.167 | -.010 | 8.998 | 17.255 | 37.410 | .000 | 1.360 | NA | NA | NA | 1.424 | 2.784 | .014 | 40.208 |
| 1960 | 9.838 | -.006 | 12.385 | 19.919 | 42.137 | .006 | 1.608 | .001 | NA | NA | 1.320 | 2.929 | .015 | 45.087 |
| 1965 | 11.581 | -.018 | 15.769 | 23.246 | 50.577 | .043 | 2.059 | .004 | NA | NA | 1.335 | 3.398 | (s) | 54.017 |
| 1970 | 12.265 | -.058 | 21.795 | 29.521 | 63.522 | .239 | 2.634 | .011 | NA | NA | 1.431 | 4.076 | .007 | 67.844 |
| 1971 | 11.598 | -.033 | 22.469 | 30.561 | 64.596 | .413 | 2.824 | .012 | NA | NA | 1.432 | 4.268 | .012 | 69.289 |
| 1972 | 12.077 | -.026 | 22.698 | 32.947 | 67.696 | .584 | 2.864 | .031 | NA | NA | 1.503 | 4.398 | .026 | 72.704 |
| 1973 | 12.971 | -.007 | 22.512 | 34.840 | 70.316 | .910 | 2.861 | .043 | NA | NA | 1.529 | 4.433 | .049 | 75.708 |
| 1974 | 12.663 | .056 | 21.732 | 33.455 | 67.906 | 1.272 | 3.177 | .053 | NA | NA | 1.540 | 4.769 | .043 | 73.991 |
| 1975 | 12.663 | .014 | 19.948 | 32.731 | 65.355 | 1.900 | 3.155 | .070 | NA | NA | 1.499 | 4.723 | .021 | 71.999 |
| 1976 | 13.584 | (s) | 20.345 | 35.175 | 69.104 | 2.111 | 2.976 | .078 | NA | NA | 1.713 | 4.768 | .029 | 76.012 |
| 1977 | 13.922 | .015 | 19.931 | 37.122 | 70.989 | 2.702 | 2.333 | .077 | NA | NA | 1.838 | 4.249 | .059 | 78.000 |
| 1978 | 13.766 | .125 | 20.000 | 37.965 | 71.856 | 3.024 | 2.937 | .064 | NA | NA | 2.038 | 5.039 | .067 | 79.986 |
| 1979 | 15.040 | .063 | 20.666 | 37.123 | 72.892 | 2.776 | 2.931 | .084 | NA | NA | 2.152 | 5.166 | .069 | 80.903 |
| 1980 | 15.423 | -.035 | 20.235 | 34.202 | 69.826 | 2.739 | 2.900 | .110 | NA | NA | 2.476 | 5.485 | .071 | 78.122 |
| 1981 | 15.908 | -.016 | 19.747 | 31.931 | 67.570 | 3.008 | 2.758 | .123 | NA | NA | 2.596 | 5.477 | .113 | 76.168 |
| 1982 | 15.322 | -.022 | 18.356 | 30.232 | 63.888 | 3.131 | 3.266 | .105 | NA | NA | 2.664 | 6.034 | .100 | 73.153 |
| 1983 | 15.894 | -.016 | 17.221 | 30.054 | 63.154 | 3.203 | 3.527 | .129 | NA | (s) | 2.904 | 6.561 | .121 | 73.038 |
| 1984 | 17.071 | -.011 | 18.394 | 31.051 | 66.504 | 3.553 | 3.386 | .165 | (s) | (s) | 2.971 | 6.522 | .135 | 76.714 |
| 1985 | 17.478 | -.013 | 17.703 | 30.922 | 66.091 | 4.076 | 2.970 | .198 | (s) | (s) | 3.016 | 6.185 | .140 | 76.491 |
| 1986 | 17.260 | -.017 | 16.591 | 32.196 | 66.031 | 4.380 | 3.071 | .219 | (s) | (s) | 2.932 | 6.223 | .122 | 76.756 |
| 1987 | 18.008 | .009 | 17.640 | 32.865 | 68.522 | 4.754 | 2.635 | .229 | (s) | (s) | 2.875 | 5.739 | .158 | 79.173 |
| 1988 | 18.846 | .040 | 18.448 | 34.222 | 71.556 | 5.587 | 2.334 | .217 | (s) | (s) | 3.016 | 5.568 | .108 | 82.819 |
| 1989 | 19.070 | .030 | 19.602 | 34.211 | 72.913 | 5.602 | 2.837 | .317 | .055 | .022 | 3.160 | 6.391 | .037 | 84.944 |
| 1990 | 19.173 | .005 | 19.603 | 33.553 | 72.333 | 6.104 | 3.046 | .336 | .060 | .029 | 2.735 | 6.206 | .008 | 84.652 |
| 1991 | 18.992 | .010 | 20.033 | 32.845 | 71.880 | 6.422 | 3.016 | .346 | .063 | .031 | 2.782 | 6.238 | .067 | 84.607 |
| 1992 | 19.122 | .035 | 20.714 | 33.527 | 73.397 | 6.479 | 2.617 | .349 | .064 | .030 | 2.933 | 5.993 | .087 | 85.956 |
| 1993 | 19.835 | .027 | 21.229 | 33.744 | 74.836 | 6.410 | 2.892 | .364 | .066 | .031 | 2.910 | 6.262 | .095 | 87.603 |
| 1994 | 19.909 | .058 | 21.728 | 34.562 | 76.258 | 6.694 | 2.683 | .338 | .069 | .036 | 3.030 | 6.155 | .153 | 89.260 |
| 1995 | 20.089 | .061 | 22.671 | 34.437 | 77.258 | 7.075 | 3.205 | .294 | .070 | .033 | 3.104 | 6.705 | .134 | 91.173 |
| 1996 | 21.002 | .023 | 23.085 | 35.673 | 79.783 | 7.087 | 3.590 | .316 | .071 | .033 | 3.159 | 7.168 | .137 | 94.175 |
| 1997 | 21.445 | .046 | 23.223 | 36.160 | 80.874 | 6.597 | 3.640 | .325 | .070 | .034 | 3.108 | 7.178 | .116 | 94.765 |
| 1998 | 21.656 | .067 | 22.830 | 36.817 | 81.370 | 7.068 | 3.297 | .328 | .070 | .031 | 2.931 | 6.657 | .088 | 95.183 |
| 1999 | 21.623 | .058 | 22.909 | 37.838 | 82.428 | 7.610 | 3.268 | .331 | .069 | .046 | 2.967 | 6.681 | .099 | 96.817 |
| 2000 | 22.580 | .065 | 23.824 | 38.264 | 84.733 | 7.862 | 2.811 | .317 | .066 | .057 | 3.013 | 6.264 | .115 | 98.975 |
| 2001 | 21.914 | .029 | 22.773 | 38.186 | 82.903 | 8.033 | 2.242 | .311 | .065 | .070 | 2.627 | ^R 5.316 | .075 | 96.326 |
| 2002 | 21.904 | .061 | 23.558 | 38.227 | 83.750 | 8.143 | 2.689 | .328 | .064 | .105 | 2.706 | 5.893 | .072 | 97.858 |
| 2003 | 22.321 | .051 | 22.897 | 38.809 | 84.078 | 7.959 | 2.825 | .331 | .064 | .115 | 2.817 | ^R 6.150 | .022 | 98.209 |
| 2004 | 22.466 | .138 | 22.931 | 40.294 | 85.830 | 8.222 | 2.690 | .341 | .065 | .142 | 3.023 | 6.261 | .039 | 100.351 |
| 2005 | ^R 22.797 | .044 | ^R 22.583 | 40.393 | ^R 85.817 | 8.160 | 2.703 | .343 | .066 | .178 | ^R 3.154 | ^R 6.444 | .084 | ^R 100.506 |
| 2006 | ^R 22.447 | .061 | ^R 22.191 | ^R 39.958 | ^R 84.658 | ^R 8.214 | ^R 2.869 | ^R .343 | ^R .072 | ^R .264 | ^R 3.374 | ^R 6.922 | ^R .063 | ^R 99.856 |
| 2007 ^P | 22.767 | .025 | 23.638 | 39.818 | 86.248 | 8.415 | 2.463 | .353 | .080 | .319 | 3.615 | 6.830 | .107 | 101.600 |

¹ Most data are estimates. See Tables 10.1-10.2c for notes on series components and estimation.

² Net imports equal imports minus exports. Minus sign indicates exports are greater than imports.

³ Natural gas only; excludes supplemental gaseous fuels. See Note 1, "Supplemental Gaseous Fuels," at end of Section 6.

⁴ Petroleum products supplied, including natural gas plant liquids and crude oil burned as fuel. Does not include the fuel ethanol portion of motor gasoline—fuel ethanol is included in "Biomass."

⁵ Conventional hydroelectric power.

^R=Revised. ^P=Preliminary. NA=Not available. (s)=Less than 0.0005 and greater than -0.0005 quadrillion Btu.

Notes: • See Note 2, "Primary Energy Consumption," at end of section. • See Table E1 for estimated energy consumption for 1635-1945. • See Note 3, "Electricity Imports and Exports," at end of Section 8. • Totals may not equal sum of components due to independent rounding.

Web Page: For all data beginning in 1949, see <http://www.eia.doe.gov/emeu/aer/overview.html>.

Sources: Tables 5.12, 6.1, 7.1, 7.7, 8.1, 8.2a, 10.1, 10.3, A4, A5, and A6.