

Table 17.02-- CONSUMPTION OF ENERGY, BY SOURCE: 1960 TO 2007

[Trillion Btu]

| Year | Total | Coal | Natural gas 1/ | Petroleum | Hydro-electric power 2/ | Biomass 3/ | Geothermal, Solar/PV, and Wind 4/ 5/ | Other 5/ 6/ |
|------|----------|------|----------------|-----------|-------------------------|------------|--------------------------------------|-------------|
| 1960 | 94.9 | - | - | 94.6 | 0.3 | - | - | - |
| 1961 | 113.8 | - | - | 113.5 | 0.3 | - | - | - |
| 1962 | 108.3 | - | - | 108.1 | 0.2 | - | - | - |
| 1963 | 114.3 | - | - | 113.9 | 0.2 | 0.2 | - | - |
| 1964 | 123.5 | - | - | 122.1 | 1.2 | 0.2 | - | - |
| 1965 | 130.6 | - | - | 129.3 | 1.1 | 0.2 | - | - |
| 1966 | 145.5 | - | - | 144.2 | 1.2 | 0.1 | - | - |
| 1967 | 163.9 | - | - | 162.5 | 1.1 | 0.3 | - | - |
| 1968 | 182.8 | - | - | 181.1 | 1.0 | 0.7 | - | - |
| 1969 | 190.9 | - | - | 189.1 | 1.0 | 0.7 | - | - |
| 1970 | 197.0 | - | - | 195.4 | 1.1 | 0.4 | - | - |
| 1971 | 211.7 | - | - | 210.4 | 0.9 | 0.3 | - | - |
| 1972 | 218.1 | - | - | 216.6 | 0.9 | 0.6 | - | - |
| 1973 | 224.3 | - | - | 222.8 | 1.0 | 0.5 | - | - |
| 1974 | 212.1 | - | - | 210.6 | 1.0 | 0.6 | - | - |
| 1975 | 214.4 | - | - | 212.9 | 0.9 | 0.6 | - | - |
| 1976 | 220.0 | - | - | 218.4 | 1.0 | 0.7 | - | - |
| 1977 | 233.3 | - | - | 231.9 | 0.9 | 0.5 | - | - |
| 1978 | 236.9 | - | - | 235.7 | 0.9 | 0.3 | - | - |
| 1979 | 256.6 | - | - | 255.3 | 0.9 | 0.3 | - | - |
| 1980 | 262.4 | - | 8/ 3.0 | 249.6 | 0.9 | 11.9 | - | -3.0 |
| 1981 | 236.7 | - | 8/ 2.8 | 223.2 | 0.8 | 12.7 | - | -2.8 |
| 1982 | 218.3 | 1.1 | 8/ 2.8 | 203.7 | 0.9 | 12.4 | - | -2.8 |
| 1983 | 221.3 | 1.0 | 8/ 2.7 | 205.4 | 0.9 | 14.0 | - | -2.7 |
| 1984 | 232.6 | 0.9 | 8/ 2.4 | 216.1 | 0.9 | 14.3 | 0.4 | -2.4 |
| 1985 | 248.7 | 1.1 | 8/ 2.7 | 232.1 | 0.9 | 14.2 | 0.4 | -2.7 |
| 1986 | 245.5 | 0.4 | 8/ 2.7 | 227.6 | 0.8 | 16.3 | 0.4 | -2.7 |
| 1987 | 249.6 | 1.6 | 8/ 2.8 | 228.9 | 0.9 | 17.8 | 0.3 | -2.6 |
| 1988 | 289.8 | 1.2 | 8/ 2.8 | 268.0 | 0.8 | 19.4 | 0.3 | -2.8 |
| 1989 | 7/ 309.9 | 0.8 | 8/ 2.9 | 280.1 | 0.6 | 7/ 27 | 7/ 1.5 | -2.9 |
| 1990 | 321.4 | 0.7 | 8/ 3.0 | 292.7 | 0.8 | 25.9 | 1.2 | -3.0 |
| 1991 | 295.1 | 1.1 | 8/ 2.9 | 266.5 | 0.7 | 25.4 | 1.4 | -2.9 |
| 1992 | 306.0 | 6.8 | 8/ 2.9 | 272.4 | 0.6 | 24.9 | 1.3 | -2.9 |
| 1993 | 284.7 | 15.6 | 8/ 2.8 | 239.7 | 0.6 | 24.4 | 4.5 | -2.8 |
| 1994 | 301.4 | 15.7 | 8/ 2.9 | 258.3 | 1.4 | 20.7 | 5.2 | -2.9 |
| 1995 | 299.6 | 19.9 | 8/ 2.9 | 252.6 | 1.0 | 19.8 | 6.3 | -2.9 |
| 1996 | 285.9 | 20.4 | 8/ 2.8 | 238.9 | 1.1 | 19.1 | 6.6 | -2.8 |
| 1997 | 276.2 | 20.5 | 8/ 2.7 | 230.5 | 1.2 | 17.4 | 6.6 | -2.7 |
| 1998 | 8/ 276.0 | 18.2 | 8/ 2.8 | 8/ 233.5 | 1.2 | 16.5 | 6.5 | -2.8 |
| 1999 | 271.7 | 17.7 | 8/ 2.9 | 229.9 | 1.2 | 17.0 | 6.0 | -2.9 |
| 2000 | 276.2 | 17.7 | 8/ 3.0 | 235.2 | 1.1 | 15.2 | 7.1 | -2.9 |

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Table 17.02-- CONSUMPTION OF ENERGY, BY SOURCE: 1960 TO 2007-- Con.

[Trillion Btu]

| Year | Total | Coal | Natural gas 1/ | Petroleum | Hydroelectric power 2/ | Biomass 3/ | Geo-thermal, Solar/PV, and Wind 4/ 5/ | Other 5/ 6/ |
|------|----------|------|----------------|-----------|------------------------|------------|---------------------------------------|-------------|
| 2001 | 272.4 | 17.8 | 8/ 2.9 | 239.8 | 1.0 | 8/ 7.9 | 5.7 | -2.8 |
| 2002 | 8/ 285.6 | 16.6 | 8/ 2.9 | 8/ 257.5 | 1.0 | 7.5 | 2.9 | -2.8 |
| 2003 | 8/ 303.3 | 19.3 | 8/ 2.9 | 8/ 268.5 | 0.9 | 9.3 | 5.2 | -2.7 |
| 2004 | 8/ 318.7 | 19.3 | 8/ 2.9 | 8/ 283.0 | 0.9 | 9.3 | 6.0 | -2.8 |
| 2005 | 328.8 | 18.0 | 8/ 2.9 | 295.2 | 1.0 | 8.2 | 6.3 | -2.7 |
| 2006 | 8/ 332.1 | 18.0 | 8/ 2.9 | 8/ 297.1 | 1.2 | 8.5 | 7.0 | -2.7 |
| 2007 | 343.7 | 19.1 | 3.0 | 306.3 | 0.9 | 8.0 | 9.2 | -2.8 |

1/ Includes supplemental gaseous fuels.

2/ Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately.

3/ Wood, wood-derived fuels, and waste. Prior to 2001, includes non-biomass waste.

4/ Geothermal, solar thermal, photovoltaic, and wind energy.

5/ Geothermal, Solar/PV, and Wind and Other were combined in previous *Data Book*.

6/ Includes: net imports of electricity; fuel ethanol blended into motor gasoline that is not included in the motor gasoline column, from 1981 through 1992; and beginning in 1980, an adjustment to remove double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in the total.

7/ There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

8/ Revised from previous *Data Book*.

Source: U.S. Department of Energy, Energy Information Administration State Energy Data System (SEDS); Table 7. Energy Consumption Estimates by Source, Selected Years, 1960-2007, Hawaii
<http://www.eia.doe.gov/emeu/states/hf.jsp?incfile=sep_use/total/use_tot_hi.html&mstate=HAWAII>
accessed April 9, 2010.