

Table 41. Energy Consumption Estimates by Source, Selected Years 1960-1999, California

| Year | Coal ^a | Natural Gas ^b | Petroleum | | | | | | | | | | | | Nuclear Electric Power | Hydro-electric Power ^d | Wood and Waste | Net Interstate Flow of Electricity/Losses ^f | |
|--------------|---------------------|--------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------|-----------------------|------------------|-------------------------|----------------|----------------------------|----------------------|-----------|--------|------------------------|-----------------------------------|----------------------|--|--------------------|
| | | | Asphalt & Road Oil ^a | Aviation Gasoline ^a | Distillate Fuel ^a | Jet Fuel ^a | Kerosene ^a | LPG ^a | Lubricants ^a | Motor Gasoline | Residual Fuel ^a | Other ^{a,c} | Total | | | | | | |
| | Thousand Short Tons | Billion Cubic Feet | Thousand Barrels | | | | | | | | | | | | Million kWh | | Other ^{a,e} | Million kWh | Total ^g |
| 1960 | 1,343 | 1,258 | 10,665 | 5,383 | 26,683 | 25,818 | 1,017 | 8,888 | 3,781 | 137,025 | 80,575 | R 25,691 | R 325,526 | (s) | 17,045 | — | — | 3,463 | — |
| 1965 | 2,380 | 1,690 | 11,892 | 3,342 | 35,105 | 40,150 | 817 | 11,029 | 4,482 | 169,900 | 69,745 | R 28,664 | R 375,126 | 270 | 30,520 | — | — | -1,406 | — |
| 1970 | 2,327 | 2,126 | 12,084 | 2,184 | 39,221 | 59,614 | 1,004 | 15,532 | 3,967 | 214,064 | 70,324 | R 35,824 | R 453,818 | 3,132 | 38,071 | — | — | 39,011 | — |
| 1975 | 2,151 | 1,833 | 13,146 | 1,640 | 42,335 | 62,607 | 2,027 | 19,264 | 3,632 | 241,508 | 111,086 | R 39,478 | R 536,724 | 6,071 | 40,103 | — | — | 113,596 | — |
| 1980 | 2,669 | 1,808 | 18,431 | 285 | 62,277 | 63,201 | 2,117 | 19,197 | 4,907 | 253,593 | 148,701 | R 49,455 | R 622,165 | 4,920 | 40,868 | — | — | 122,895 | — |
| 1985 | 1,942 | 1,846 | 13,848 | 1,354 | 72,431 | 67,028 | 916 | 20,497 | 4,465 | 267,368 | 66,724 | R 55,165 | R 569,796 | 19,729 | 35,772 | — | — | 173,717 | — |
| 1990 | 2,899 | 1,864 | 14,862 | 1,106 | 82,559 | 94,907 | 145 | 19,992 | 5,024 | 305,983 | 64,890 | R 54,940 | R 644,408 | 32,693 | R h 26,620 | — | — | R 278,397 | — |
| 1991 | 2,816 | 1,971 | 14,251 | 1,091 | 75,409 | 90,064 | 139 | 18,596 | 4,495 | 298,698 | 45,571 | R 45,165 | R 593,479 | 31,542 | R 23,111 | — | — | R 301,541 | — |
| 1992 | 2,821 | 2,031 | 13,558 | 1,059 | 67,259 | 86,688 | 75 | 21,088 | 4,583 | 315,643 | 34,696 | R 48,344 | R 592,992 | 35,244 | R 20,735 | — | — | R 270,592 | — |
| 1993 | 2,453 | 1,976 | 12,433 | 819 | 59,089 | 89,244 | 131 | 16,655 | 4,666 | 308,726 | 37,615 | R 43,672 | R 573,050 | 31,581 | R 40,791 | — | — | R 239,611 | — |
| 1994 | 2,498 | 2,123 | 12,237 | 793 | 64,921 | 98,793 | 120 | 18,099 | 4,877 | 307,653 | 42,525 | R 45,397 | R 595,417 | 33,752 | R 24,047 | — | — | R 246,926 | — |
| 1995 | 2,618 | 1,925 | 12,212 | 807 | 68,710 | 95,305 | 164 | 14,798 | 4,793 | 313,464 | 46,957 | R 42,389 | R 599,599 | 30,246 | R 50,516 | — | — | R 261,421 | — |
| 1996 | 2,317 | 1,807 | 12,399 | 769 | 67,412 | 103,773 | 294 | R 10,914 | 4,652 | 318,257 | 40,949 | R 46,392 | R 605,810 | 34,097 | R 47,154 | — | — | R 298,389 | — |
| 1997 | 2,134 | 1,947 | 11,512 | R 836 | 75,787 | 103,144 | 358 | R 8,854 | 4,914 | 322,871 | 21,864 | R 44,442 | R 594,582 | 30,512 | R 42,060 | — | — | R 335,645 | — |
| 1998 | 2,803 | 2,015 | 15,572 | 574 | 79,028 | 105,385 | 474 | 10,936 | 5,145 | 329,943 | 18,281 | 38,703 | 604,043 | 34,594 | 51,641 | — | — | 321,909 | — |
| 1999 | 2,783 | 2,146 | 20,366 | 825 | 74,662 | 98,673 | 288 | 12,171 | 5,198 | 337,791 | 28,565 | 39,220 | 617,760 | 33,372 | 41,075 | — | — | 416,346 | — |
| Trillion Btu | | | | | | | | | | | | | | | | | | | |
| 1960 | 35.9 | 1,301.8 | 70.8 | 27.2 | 155.4 | 140.7 | 5.8 | 35.7 | 22.9 | 719.8 | 506.6 | R 153.9 | R 1,838.7 | (s) | 183.4 | 82.1 | 0.8 | 11.8 | R 3,454.5 |
| 1965 | 63.7 | 1,813.2 | 78.9 | 16.9 | 204.5 | 222.2 | 4.6 | 44.2 | 27.2 | 892.5 | 438.5 | R 168.7 | R 2,098.2 | 3.2 | 319.0 | 97.5 | 4.2 | -4.8 | R 4,394.2 |
| 1970 | 61.8 | 2,241.3 | 80.2 | 11.0 | 228.5 | 332.9 | 5.7 | 58.7 | 24.1 | 1,124.5 | 442.1 | R 210.6 | R 2,518.2 | 34.4 | 399.5 | 116.8 | 11.3 | 133.1 | R 5,516.5 |
| 1975 | 56.4 | 1,937.3 | 87.2 | 8.3 | 246.6 | 350.7 | 11.5 | 71.6 | 22.0 | 1,268.6 | 698.4 | R 232.3 | R 2,997.3 | 66.9 | 417.3 | 127.5 | 70.2 | 387.6 | R 6,060.4 |
| 1980 | 66.2 | 1,890.9 | 122.3 | 1.4 | 362.8 | 354.2 | 12.0 | 70.5 | 29.8 | 1,332.1 | 934.9 | R 289.5 | R 3,509.6 | 53.7 | 424.5 | R 134.0 | 109.8 | 419.3 | R 6,607.9 |
| 1985 | 45.3 | 1,925.5 | 91.9 | 6.8 | 421.9 | 375.8 | 5.2 | 73.8 | 27.1 | 1,404.5 | 419.5 | R 327.2 | R 3,153.7 | 213.3 | 373.7 | R 155.5 | 195.7 | 592.7 | R 6,655.4 |
| 1990 | 65.3 | 1,923.7 | 98.6 | 5.6 | 480.9 | 534.7 | 0.8 | 72.5 | 30.5 | 1,607.3 | 408.0 | R 323.2 | R 3,562.0 | 349.2 | R h 276.9 | R 196.1 | R 380.6 | R 949.9 | R h 7,727.1 |
| 1991 | 64.0 | 2,023.9 | 94.6 | 5.5 | 439.3 | 508.1 | 0.8 | 67.2 | 27.3 | 1,569.1 | 286.5 | R 267.9 | R 3,266.2 | 338.8 | R 241.2 | R 185.9 | R 385.9 | R 1,028.9 | R 7,550.2 |
| 1992 | 64.8 | 2,089.5 | 90.0 | 5.3 | 391.8 | 489.5 | 0.4 | 76.4 | 27.8 | 1,658.1 | 218.1 | R 284.6 | R 3,242.1 | 376.3 | R 214.4 | R 197.8 | R 391.8 | R 923.3 | R 7,511.7 |
| 1993 | 56.9 | 2,047.5 | 82.5 | 4.1 | 344.2 | 504.7 | 0.7 | 60.1 | 28.3 | 1,621.7 | 236.5 | R 258.3 | R 3,141.2 | 337.3 | R 420.5 | R 180.9 | R 397.6 | R 817.6 | R 7,410.6 |
| 1994 | 58.0 | 2,172.1 | 81.2 | 4.0 | 378.2 | 560.1 | 0.7 | 65.8 | 29.6 | R 1,609.0 | 267.4 | R 268.4 | R 3,264.3 | 360.3 | R 248.1 | R 186.1 | R 399.2 | R 842.5 | R 7,538.7 |
| 1995 | 61.0 | 1,955.9 | 81.0 | 4.1 | 400.2 | 540.4 | 0.9 | 53.6 | 29.1 | R 1,634.7 | 295.2 | R 250.9 | R 3,290.1 | 322.4 | R 520.9 | R 176.2 | R 341.5 | R 892.0 | R 7,568.4 |
| 1996 | 53.9 | 1,865.1 | 82.3 | 3.9 | 392.7 | 588.4 | 1.7 | R 39.4 | 28.2 | R 1,660.0 | 257.4 | R 275.4 | R 3,329.4 | 362.2 | 487.6 | R 175.1 | R 352.5 | R 1,018.1 | R 7,648.2 |
| 1997 | 49.2 | 1,982.0 | 76.4 | 4.2 | 441.5 | 584.8 | 2.0 | R 32.0 | 29.8 | R 1,683.1 | 137.5 | R 263.9 | R 3,255.3 | 324.1 | R 435.6 | R 152.8 | R 327.5 | R 1,145.2 | R 7,674.3 |
| 1998 | 64.5 | 2,109.5 | 103.3 | 2.9 | 460.3 | 597.5 | 2.7 | 39.5 | 31.2 | 1,719.7 | 114.9 | 230.1 | 3,302.2 | 367.5 | P 534.3 | 132.4 | 329.4 | 1,098.4 | 7,942.4 |
| 1999 | 64.0 | 2,182.4 | 135.1 | 4.2 | 434.9 | 559.5 | 1.6 | 44.0 | 31.5 | 1,760.2 | 179.6 | 232.5 | 3,383.2 | 354.5 | 425.0 | 162.3 | 377.6 | 1,420.6 | 8,375.4 |

^a The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

^b Includes supplemental gaseous fuels.

^c "Other" is the subtotal of 16 petroleum products consumed in the industrial sector. See a full description in Appendix A, Section 4, "Other Petroleum Products."

^d If applicable, through 1988, includes all net imports of electricity, and, from 1989, includes only the portion of imports of electricity that is derived from hydroelectric power.

^e "Other" is geothermal, wind, photovoltaic, and solar thermal energy. From 1989, includes net imports of electricity generated from geothermal energy. See Appendix A, Section 5, for explanation of estimation methodology.

^f Net interstate flow of electricity is the difference between the amount of energy in the electricity sold within a State (including associated losses) and the energy input at the electric utilities within the State. A positive number

indicates that more electricity (including associated losses) came into the State than went out of the State during the year; conversely, a negative number indicates that more electricity (including associated losses) went out of the State than came into the State.

^g From 1989, "Total" does not equal the sum of the columns. Net imports of electricity generated from nonrenewable energy sources (shown in appendix Table A8) is included in the total but not in any other columns.

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

kWh=kilowatthours. R=Revised data. —=Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

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

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

Table 42. Residential Energy Consumption Estimates, Selected Years 1960-1999, California

| Year | Coal ^a | Natural Gas ^b | Petroleum | | | | Wood | Geothermal | Solar ^c | Electricity ^a | Electrical System Energy Losses ^d | Total |
|---------------------|---------------------|--------------------------|------------------------------|-----------------------|------------------|---------|----------------|-----------------------|--------------------|--------------------------|--|-----------|
| | | | Distillate Fuel ^a | Kerosene ^a | LPG ^a | Total | | | | | | |
| | Thousand Short Tons | Billion Cubic Feet | Thousand Barrels | | | | Thousand Cords | Million Kilowatthours | Net Energy | Million Kilowatthours | | |
| 1960 | 2 | 365 | 485 | 15 | 3,778 | 4,277 | 1,263 | — | — | 14,975 | — | 37,248 |
| 1965 | 4 | 489 | 427 | 31 | 5,095 | 5,553 | 1,083 | — | — | 23,800 | — | 56,824 |
| 1970 | 38 | 553 | 500 | 166 | 5,167 | 5,833 | 1,209 | — | — | 35,777 | — | 86,700 |
| 1975 | 0 | 631 | 493 | 211 | 2,708 | 3,412 | 1,374 | — | — | 44,257 | — | 106,754 |
| 1980 | 1 | 529 | 94 | 18 | 4,919 | 5,032 | R 3,550 | — | — | 52,011 | — | 126,473 |
| 1985 | 19 | 527 | 148 | 73 | 5,350 | 5,571 | 4,083 | — | — | 57,501 | — | 135,093 |
| 1990 | 9 | 515 | 226 | 88 | 5,750 | 6,064 | 3,174 | — | — | 66,575 | — | R 145,639 |
| 1991 | 16 | 509 | 199 | 80 | 6,952 | 7,231 | 3,344 | — | — | 66,017 | — | R 143,516 |
| 1992 | (s) | 480 | 201 | 33 | 4,802 | 5,036 | 3,519 | — | — | 68,121 | — | R 145,287 |
| 1993 | 50 | 501 | 155 | 67 | 5,035 | 5,257 | 2,983 | — | — | 67,359 | — | R 142,272 |
| 1994 | 58 | 521 | 148 | 67 | 4,953 | 5,168 | 2,924 | — | — | 68,866 | — | R 143,719 |
| 1995 | 46 | 477 | 129 | 81 | 4,884 | 5,094 | 3,246 | — | — | 68,783 | — | R 143,408 |
| 1996 | 62 | 473 | 101 | 103 | 4,079 | 4,283 | 3,240 | — | — | 71,396 | — | R 148,790 |
| 1997 | 38 | 479 | 125 | 135 | R 3,686 | R 3,945 | R 1,883 | — | — | 73,086 | — | R 152,027 |
| 1998 | 40 | 550 | 156 | 237 | 6,092 | 6,485 | 1,660 | — | — | 74,792 | — | 154,505 |
| 1999 | 10 | 568 | 101 | 187 | 5,711 | 6,000 | 1,779 | — | — | 75,303 | — | 147,542 |
| Trillion Btu | | | | | | | | | | | | |
| 1960 | 0.1 | 377.6 | 2.8 | 0.1 | 15.2 | 18.1 | 25.3 | 0.0 | 0.0 | 51.1 | 472.0 | 127.1 |
| 1965 | 0.1 | 524.9 | 2.5 | 0.2 | 20.4 | 23.1 | 21.7 | 0.0 | 0.0 | 81.2 | 650.9 | 193.9 |
| 1970 | 0.8 | 582.4 | 2.9 | 0.9 | 19.5 | 23.4 | 24.2 | 0.0 | 0.0 | 122.1 | 752.9 | 295.8 |
| 1975 | 0.0 | 666.7 | 2.9 | 1.2 | 10.1 | 14.1 | 27.5 | 0.0 | 0.0 | 151.0 | 859.3 | 364.2 |
| 1980 | (s) | 552.4 | 0.6 | 0.1 | 18.1 | 18.7 | R 71.0 | 0.0 | 0.0 | 177.5 | R 819.6 | 431.5 |
| 1985 | 0.4 | 547.8 | 0.9 | 0.4 | 19.3 | 20.6 | 81.7 | 0.0 | 0.0 | 196.2 | 846.6 | 460.9 |
| 1990 | 0.2 | 530.8 | 1.3 | 0.5 | 20.8 | 22.7 | 63.5 | e 0.2 | R e 18.4 | 227.2 | R e 862.9 | R 496.9 |
| 1991 | 0.4 | 522.3 | 1.2 | 0.5 | 25.1 | 26.7 | 66.9 | 0.2 | R 19.1 | 225.2 | R 860.8 | R 489.7 |
| 1992 | (s) | 492.7 | 1.2 | 0.2 | 17.4 | 18.8 | 70.4 | 0.2 | R 19.6 | 232.4 | R 834.1 | R 495.7 |
| 1993 | 1.2 | 519.9 | 0.9 | 0.4 | 18.2 | 19.4 | 59.7 | 0.2 | R 20.1 | 229.8 | R 850.3 | R 485.4 |
| 1994 | 1.4 | 531.7 | 0.9 | 0.4 | 18.0 | 19.2 | 58.5 | 0.2 | R 20.4 | 235.0 | R 866.3 | R 490.4 |
| 1995 | 1.1 | 483.8 | 0.8 | 0.5 | 17.7 | 18.9 | 64.9 | 0.2 | R 20.5 | 234.7 | R 824.0 | R 489.3 |
| 1996 | 1.4 | 489.1 | 0.6 | 0.6 | 14.7 | 15.9 | 64.8 | 0.2 | R 20.5 | 243.6 | R 835.5 | R 507.7 |
| 1997 | 0.9 | 487.4 | 0.7 | 0.8 | R 13.3 | R 14.8 | R 37.7 | 0.2 | R 20.1 | 249.4 | R 810.4 | R 518.7 |
| 1998 | 0.9 | 578.3 | 0.9 | 1.3 | 22.0 | 24.3 | 33.2 | 0.2 | 19.7 | 255.2 | 911.8 | 527.2 |
| 1999 | 0.2 | 578.6 | 0.6 | 1.1 | 20.7 | 22.3 | 35.6 | 0.1 | 19.0 | 256.9 | 912.8 | 503.4 |

^a The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

^b Includes supplemental gaseous fuels.

^c Includes small amounts of solar thermal and photovoltaic energy consumed by the commercial sector that cannot be separately identified. See Appendix A, Section 5, for explanation of estimation methodology.

^d Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

^e There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of

renewable energy sources beginning in 1989.

R=Revised data.

—=Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

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

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

Table 43. Commercial Energy Consumption Estimates, Selected Years 1960-1999, California

| Year | Coal ^a | Natural Gas ^b | Petroleum | | | | | | Wood | Electricity ^a | Electrical System Energy Losses ^c | Total ^d | | |
|---------------------|---------------------|--------------------------|------------------------------|-----------------------|------------------|----------------|----------------------------|---------|----------------|--------------------------|--|--------------------|-----------------------|-----------|
| | | | Distillate Fuel ^a | Kerosene ^a | LPG ^a | Motor Gasoline | Residual Fuel ^a | Total | | | | | | |
| | Thousand Short Tons | Billion Cubic Feet | Thousand Barrels | | | | | | Thousand Cords | Geothermal | Million Kilowatthours | Net Energy | Million Kilowatthours | |
| 1960 | 4 | 109 | 637 | 46 | 667 | 1,406 | 7,284 | 10,040 | 24 | — | 22,039 | — | 54,819 | — |
| 1965 | 7 | 164 | 560 | 95 | 899 | 1,309 | 6,200 | 9,064 | 20 | — | 29,917 | — | 71,430 | — |
| 1970 | 71 | 210 | 657 | 510 | 912 | 1,482 | 8,631 | 12,192 | 23 | — | 40,634 | — | 98,471 | — |
| 1975 | 0 | 240 | 647 | 650 | 478 | 1,622 | 4,377 | 7,774 | 26 | — | 57,846 | — | 139,532 | — |
| 1980 | 3 | 258 | 3,225 | 222 | 868 | 1,795 | 6,811 | 12,921 | 85 | — | 63,465 | — | 154,326 | — |
| 1985 | 34 | 205 | 3,513 | 353 | 944 | 1,759 | 35 | 6,604 | R 109 | — | 73,592 | — | 172,897 | — |
| 1990 | 16 | 285 | 4,588 | 19 | 1,015 | 1,928 | 895 | 8,444 | R 202 | — | 88,311 | — | R 193,190 | — |
| 1991 | 29 | 288 | 4,449 | 23 | 1,227 | 1,647 | 764 | 8,110 | R 213 | — | 86,098 | — | R 187,170 | — |
| 1992 | (s) | 285 | 1,994 | 20 | 847 | 1,485 | 43 | 4,390 | R 229 | — | 87,849 | — | R 187,363 | — |
| 1993 | 92 | 250 | 1,591 | 19 | 889 | 262 | 18 | 2,779 | 240 | — | 86,544 | — | R 182,795 | — |
| 1994 | 108 | 262 | 1,505 | 12 | 874 | 226 | 8 | 2,625 | 245 | — | 84,529 | — | R 176,405 | — |
| 1995 | 86 | 279 | 2,334 | 27 | 862 | 236 | 4 | 3,463 | 245 | — | 86,032 | — | R 179,371 | — |
| 1996 | 115 | 235 | 1,743 | 69 | 720 | 231 | 12 | 2,775 | R 266 | — | 88,605 | — | R 184,653 | — |
| 1997 | 71 | 254 | 1,955 | 41 | R 650 | 233 | 2 | R 2,881 | R 207 | — | 92,295 | — | R 191,984 | — |
| 1998 | 75 | 282 | 2,451 | 63 | 1,075 | 250 | 63 | 3,901 | 207 | — | 92,228 | — | 190,524 | — |
| 1999 | 18 | 245 | 1,624 | 29 | 1,008 | 236 | 0 | 2,897 | 249 | — | 95,771 | — | 187,645 | — |
| Trillion Btu | | | | | | | | | | | | | | |
| 1960 | 0.1 | 112.7 | 3.7 | 0.3 | 2.7 | 7.4 | 45.8 | 59.8 | 0.5 | 0.0 | 75.2 | 248.3 | 187.0 | 435.3 |
| 1965 | 0.2 | 175.5 | 3.3 | 0.5 | 3.6 | 6.9 | 39.0 | 53.3 | 0.4 | 0.0 | 102.1 | 331.4 | 243.7 | 575.1 |
| 1970 | 1.6 | 221.3 | 3.8 | 2.9 | 3.4 | 7.8 | 54.3 | 72.2 | 0.5 | 0.0 | 138.6 | 434.2 | 336.0 | 770.1 |
| 1975 | 0.0 | 253.7 | 3.8 | 3.7 | 1.8 | 8.5 | 27.5 | 45.3 | 0.5 | 0.0 | 197.4 | 496.8 | 476.1 | 972.9 |
| 1980 | 0.1 | 269.4 | 18.8 | 1.3 | 3.2 | 9.4 | 42.8 | 75.5 | 1.7 | 0.0 | 216.5 | 563.2 | 526.6 | 1,089.8 |
| 1985 | 0.8 | 212.9 | 20.5 | 2.0 | 3.4 | 9.2 | 0.2 | 35.3 | R 2.2 | 0.0 | 251.1 | R 502.3 | 589.9 | R 1,092.3 |
| 1990 | 0.4 | 294.1 | 26.7 | 0.1 | 3.7 | 10.1 | 5.6 | 46.3 | R 4.0 | ^e 0.3 | 301.3 | R 646.4 | R 659.2 | R 1,305.6 |
| 1991 | 0.7 | 295.3 | 25.9 | 0.1 | 4.4 | 8.7 | 4.8 | 43.9 | R 4.3 | 0.3 | 293.8 | R 638.2 | R 638.6 | R 1,276.9 |
| 1992 | (s) | 292.8 | 11.6 | 0.1 | 3.1 | 7.8 | 0.3 | 22.9 | R 4.6 | 0.3 | 299.7 | R 620.4 | R 639.3 | R 1,259.7 |
| 1993 | 2.1 | 259.8 | 9.3 | 0.1 | 3.2 | 1.4 | 0.1 | 14.1 | 4.8 | 0.3 | 295.3 | 576.4 | R 623.7 | R 1,200.1 |
| 1994 | 2.5 | 267.4 | 8.8 | 0.1 | 3.2 | 1.2 | (s) | 13.2 | 4.9 | 0.3 | 288.4 | 576.8 | R 601.9 | 1,178.7 |
| 1995 | 2.0 | 282.4 | 13.6 | 0.2 | 3.1 | 1.2 | (s) | 18.1 | 4.9 | 0.4 | 293.5 | 601.4 | R 612.0 | R 1,213.4 |
| 1996 | 2.7 | 242.9 | 10.2 | 0.4 | 2.6 | 1.2 | 0.1 | 14.4 | 5.3 | 0.5 | 302.3 | 568.1 | R 630.0 | R 1,198.1 |
| 1997 | 1.6 | 258.4 | 11.4 | 0.2 | R 2.4 | 1.2 | (s) | R 15.2 | R 4.1 | 0.5 | 314.9 | R 594.8 | R 655.0 | R 1,249.9 |
| 1998 | 1.7 | 296.7 | 14.3 | 0.4 | 3.9 | 1.3 | 0.4 | 20.2 | 4.1 | 0.7 | 314.7 | 638.1 | 650.1 | 1,288.2 |
| 1999 | 0.4 | 249.1 | 9.5 | 0.2 | 3.6 | 1.2 | 0.0 | 14.5 | 5.0 | 0.5 | 326.8 | 596.3 | 640.2 | 1,236.5 |

^a The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

^b Includes supplemental gaseous fuels.

^c Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

^d Small amounts of solar thermal and photovoltaic energy consumed in the commercial sector cannot be separately identified and are included in residential consumption.

^e There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of

renewable energy sources beginning in 1989.

R=Revised data.

—=Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

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

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

Table 44. Industrial Energy Consumption Estimates, Selected Years 1960-1999, California

| Year | Coal | Natural Gas ^a | Petroleum | | | | | | | | | Hydro-electric Power ^b | Wood and Waste | Other ^{b,d} | Electricity ^b | Net Energy | Electrical System Energy Losses ^e | |
|---------------------|---------------------|--------------------------|-----------------------------------|------------------------------|-----------------------|------------------|-------------------------|----------------|----------------------------|----------------------|-----------|-----------------------------------|----------------------|----------------------|--------------------------|-------------|--|------------|
| | | | Asphalt and Road Oil ^b | Distillate Fuel ^b | Kerosene ^b | LPG ^b | Lubricants ^b | Motor Gasoline | Residual Fuel ^b | Other ^{b,c} | Total | | | | | | | |
| | Thousand Short Tons | Billion Cubic Feet | Thousand Barrels | | | | | | | | | | Other ^{b,d} | | Million kWh | Million kWh | Million kWh | Total |
| 1960 | 1,313 | 451 | 10,665 | 10,127 | 956 | 4,231 | 1,454 | 2,851 | 10,750 | R 25,691 | R 66,725 | (s) | — | — | 20,190 | — | 50,221 | — |
| 1965 | 2,361 | 529 | 11,892 | 13,002 | 692 | 4,826 | 1,709 | 2,245 | 11,846 | R 28,664 | R 74,876 | (s) | — | — | 28,904 | — | 69,012 | — |
| 1970 | 2,215 | 711 | 12,084 | 8,510 | 328 | 9,147 | 1,510 | 1,942 | 12,121 | R 35,824 | R 81,466 | (s) | — | — | 42,169 | — | 102,190 | — |
| 1975 | 2,151 | 666 | 13,146 | 10,519 | 1,166 | 15,688 | 1,246 | 1,338 | 8,308 | R 39,478 | R 90,890 | 0 | — | — | 46,053 | — | 111,086 | — |
| 1980 | 2,665 | 486 | 18,431 | 15,576 | 1,877 | 12,887 | 2,103 | 1,698 | 12,554 | R 49,455 | R 114,581 | 0 | — | — | 51,888 | — | 126,174 | — |
| 1985 | 1,889 | 433 | 13,848 | 18,285 | 491 | 12,977 | 1,914 | 3,065 | 18,732 | R 55,165 | R 124,477 | 0 | — | — | 52,972 | — | 124,454 | — |
| 1990 | 2,874 | 588 | 14,862 | 19,138 | 38 | 12,304 | 2,153 | 3,163 | 1,864 | R 54,940 | R 108,462 | Rf 990 | — | — | 55,892 | — | R 122,268 | — |
| 1991 | 2,771 | 707 | 14,251 | 14,329 | 36 | 9,658 | 1,926 | 3,271 | 1,762 | R 45,165 | R 90,398 | R 1,368 | — | — | 56,191 | — | R 122,155 | — |
| 1992 | 2,821 | 687 | 13,558 | 11,101 | 23 | 14,788 | 1,964 | 3,297 | 1,889 | R 48,344 | R 94,964 | R 1,476 | — | — | 57,090 | — | R 121,759 | — |
| 1993 | 2,311 | 747 | 12,433 | 8,779 | 44 | 10,073 | 2,000 | 2,664 | 1,539 | R 43,672 | R 81,205 | R 2,511 | — | — | 56,189 | — | R 118,680 | — |
| 1994 | 2,332 | 726 | 12,237 | 9,028 | 40 | 11,266 | 2,090 | 2,758 | 1,353 | R 45,397 | R 84,169 | R 1,091 | — | — | 59,864 | — | R 124,931 | — |
| 1995 | 2,485 | 754 | 12,212 | 8,607 | 56 | 8,489 | 2,054 | 2,849 | 1,489 | R 42,389 | R 78,145 | R 3,049 | — | — | 57,367 | — | R 119,607 | — |
| 1996 | 2,140 | 761 | 12,399 | 8,078 | 122 | R 5,634 | 1,994 | 2,741 | 309 | R 46,392 | R 77,670 | R 2,919 | — | — | 57,683 | — | R 120,211 | — |
| 1997 | 2,026 | 812 | 11,512 | 11,031 | 182 | R 4,169 | 2,106 | 2,910 | 104 | R 44,442 | R 76,456 | R 1,220 | — | — | 62,017 | — | R 129,001 | — |
| 1998 | 2,688 | 900 | 15,572 | 11,849 | 174 | 3,100 | 2,205 | 3,263 | 33 | 38,703 | 74,899 | 2,073 | — | — | 58,856 | — | 121,584 | — |
| 1999 | 2,755 | 1,175 | 20,366 | 8,737 | 73 | 5,068 | 2,228 | 1,922 | 684 | 39,220 | 78,298 | 1,508 | — | — | 63,217 | — | 123,861 | — |
| Trillion Btu | | | | | | | | | | | | | | | | | | |
| 1960 | 35.2 | 466.3 | 70.8 | 59.0 | 5.4 | 17.0 | 8.8 | 15.0 | 67.6 | R 153.9 | R 397.5 | (s) | 56.3 | 0.0 | 68.9 | R 1,024.2 | 171.4 | R 1,195.5 |
| 1965 | 63.2 | 567.4 | 78.9 | 75.7 | 3.9 | 19.4 | 10.4 | 11.8 | 74.5 | R 168.7 | R 443.3 | (s) | 74.8 | 0.0 | 98.6 | R 1,247.3 | 235.5 | R 1,482.8 |
| 1970 | 59.3 | 749.1 | 80.2 | 49.6 | 1.9 | 34.6 | 9.2 | 10.2 | 76.2 | R 210.6 | R 472.3 | (s) | 91.7 | 0.0 | 143.9 | R 1,516.4 | 348.7 | R 1,865.0 |
| 1975 | 56.4 | 703.6 | 87.2 | 61.3 | 6.6 | 58.3 | 7.6 | 7.0 | 52.2 | R 232.3 | R 512.5 | 0.0 | 99.3 | 0.0 | 157.1 | R 1,529.0 | 379.0 | R 1,908.0 |
| 1980 | 66.1 | 507.4 | 122.3 | 90.7 | 10.6 | 47.3 | 12.8 | 8.9 | 78.9 | R 289.5 | R 661.2 | 0.0 | R 61.1 | 0.0 | 177.0 | R 1,472.7 | 430.5 | R 1,903.3 |
| 1985 | 44.0 | 449.5 | 91.9 | 106.5 | 2.8 | 46.8 | 11.6 | 16.1 | 117.8 | R 327.2 | R 720.6 | 0.0 | R 71.6 | 0.0 | 180.7 | R 1,466.5 | 424.6 | R 1,891.1 |
| 1990 | 64.7 | 606.5 | 98.6 | 111.5 | 0.2 | 44.6 | 13.1 | 16.6 | 11.7 | R 323.2 | R 619.5 | Rf 10.3 | R 128.6 | Rf 172.5 | 190.7 | Rf 1,792.9 | R 417.2 | Rf 2,210.1 |
| 1991 | 63.0 | 725.7 | 94.6 | 83.5 | 0.2 | 34.9 | 11.7 | 17.2 | 11.1 | R 267.9 | R 521.0 | R 14.3 | R 114.6 | R 185.0 | 191.7 | R 1,815.3 | R 416.8 | R 2,232.1 |
| 1992 | 64.8 | 705.7 | 90.0 | 64.7 | 0.1 | 53.6 | 11.9 | 17.3 | 11.9 | R 284.6 | R 534.1 | R 15.3 | R 122.8 | R 187.4 | 194.8 | R 1,824.7 | R 415.4 | R 2,240.2 |
| 1993 | 53.6 | 775.3 | 82.5 | 51.1 | 0.3 | 36.3 | 12.1 | 14.0 | 9.7 | R 258.3 | R 464.3 | R 25.9 | R 116.4 | R 203.3 | 191.7 | R 1,830.6 | R 404.9 | R 2,235.5 |
| 1994 | 54.2 | 741.4 | 81.2 | 52.6 | 0.2 | 41.0 | 12.7 | R 14.4 | 8.5 | R 268.4 | R 478.9 | R 11.3 | R 122.7 | R 212.7 | 204.3 | R 1,825.3 | R 426.3 | R 2,251.6 |
| 1995 | 57.9 | 764.3 | 81.0 | 50.1 | 0.3 | 30.8 | 12.5 | R 14.9 | 9.4 | R 250.9 | R 449.8 | R 31.4 | R 106.4 | R 205.4 | 195.7 | R 1,811.0 | R 408.1 | R 2,219.1 |
| 1996 | 49.8 | 786.7 | 82.3 | 47.1 | 0.7 | R 20.4 | 12.1 | R 14.3 | 1.9 | R 275.4 | R 454.1 | R 30.2 | R 104.5 | R 211.9 | 196.8 | R 1,834.0 | R 410.2 | R 2,244.1 |
| 1997 | 46.7 | 825.9 | 76.4 | 64.3 | 1.0 | R 15.1 | 12.8 | R 15.2 | 0.7 | R 263.9 | R 449.3 | R 12.6 | R 109.7 | R 195.1 | 211.6 | R 1,851.0 | R 440.2 | R 2,291.1 |
| 1998 | 61.8 | 946.7 | 103.3 | 69.0 | 1.0 | 11.2 | 13.4 | 17.0 | 0.2 | 230.1 | 445.2 | 21.4 | 93.8 | 202.3 | 200.8 | 1,972.1 | 414.8 | 2,387.0 |
| 1999 | 63.4 | 1,196.3 | 135.1 | 50.9 | 0.4 | 18.3 | 13.5 | 10.0 | 4.3 | 232.5 | 465.1 | 15.6 | 120.3 | 324.8 | 215.7 | 2,401.1 | 422.6 | 2,823.7 |

^a Includes supplemental gaseous fuels.^b The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.^c "Other" is the subtotal of 16 petroleum products. See a full description in Appendix A, Section 4, "Other Petroleum Products."^d "Other" is geothermal, wind, photovoltaic, and solar thermal energy. See Appendix A, Section 5, for explanation of estimation methodology.^e Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.^f There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

R=Revised data.

kWh=kilowatthours. —=Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

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

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

Table 45. Transportation Energy Consumption Estimates, Selected Years 1960-1999, California

| Year | Coal ^a | Natural Gas ^b | Petroleum | | | | | | | | Ethanol ^c | Electricity ^a | Electrical System Energy Losses ^d | Total ^c | |
|--------------|---------------------|--------------------------|--------------------------------|------------------------------|-----------------------|------------------|-------------------------|----------------|----------------------------|-----------|----------------------|--------------------------|--|-----------------------|-----------|
| | | | Aviation Gasoline ^a | Distillate Fuel ^a | Jet Fuel ^a | LPG ^a | Lubricants ^a | Motor Gasoline | Residual Fuel ^a | Total | | | | | |
| | Thousand Short Tons | Billion Cubic Feet | Thousand Barrels | | | | | | | | Thousand Barrels | Million Kilowatthours | Net Energy | Million Kilowatthours | |
| 1960 | 23 | 11 | 5,383 | 15,313 | 25,818 | 214 | 2,327 | 132,768 | 38,610 | 220,432 | 0 | 66 | — | 164 | — |
| 1965 | 8 | 16 | 3,342 | 21,032 | 40,150 | 208 | 2,772 | 166,346 | 35,109 | 268,960 | 0 | 66 | — | 158 | — |
| 1970 | 4 | 17 | 2,184 | 29,448 | 59,614 | 305 | 2,457 | 210,641 | 27,982 | 332,632 | 0 | 65 | — | 158 | — |
| 1975 | (s) | 20 | 1,640 | 30,528 | 62,509 | 390 | 2,386 | 238,548 | 20,056 | 356,057 | 0 | 265 | — | 639 | — |
| 1980 | 0 | 15 | 285 | 41,801 | 62,224 | 522 | 2,804 | 250,100 | 66,673 | 424,409 | 0 | 203 | — | 493 | — |
| 1985 | 0 | 14 | 1,354 | 50,177 | 67,028 | 1,225 | 2,552 | 262,544 | 43,340 | 428,219 | R e 429 | 266 | — | 625 | — |
| 1990 | 0 | 20 | 1,106 | 58,418 | 94,907 | 923 | 2,871 | 300,893 | 54,963 | 514,080 | R 1,133 | 315 | — | 690 | — |
| 1991 | 0 | 19 | 1,091 | 56,328 | 90,064 | 760 | 2,568 | 293,780 | 42,113 | 486,703 | R 1,424 | 345 | — | R 750 | — |
| 1992 | 0 | 15 | 1,059 | 53,839 | 86,688 | 650 | 2,619 | 310,861 | 32,282 | 487,997 | R 158 | 387 | — | R 826 | — |
| 1993 | 0 | 12 | 819 | 48,455 | 89,244 | 658 | 2,666 | 305,800 | 32,831 | 480,474 | R 575 | 408 | — | 861 | — |
| 1994 | 0 | 13 | 793 | 54,137 | 98,793 | 1,006 | 2,787 | 304,669 | 38,310 | 500,495 | R 810 | 425 | — | 887 | — |
| 1995 | 0 | 20 | 807 | 57,540 | 95,305 | 564 | 2,739 | 310,379 | 44,729 | 512,062 | R 2,523 | 423 | — | 882 | — |
| 1996 | 0 | 20 | 769 | 57,352 | 103,773 | R 481 | 2,658 | 315,285 | 39,644 | R 519,961 | R 2,128 | 429 | — | R 894 | — |
| 1997 | 0 | 25 | R 836 | 62,403 | 103,144 | R 349 | 2,808 | 319,727 | 21,714 | R 510,982 | R 2,134 | 478 | — | R 994 | — |
| 1998 | 0 | 11 | 574 | 64,305 | 105,385 | 670 | 2,940 | 326,430 | 18,176 | 518,480 | 1,610 | 521 | — | 1,076 | — |
| 1999 | 0 | 13 | 825 | 64,078 | 98,673 | 384 | 2,971 | 335,633 | 27,881 | 530,446 | 1,395 | 540 | — | 1,058 | — |
| Trillion Btu | | | | | | | | | | | | | | | |
| 1960 | 0.6 | 11.0 | 27.2 | 89.2 | 140.7 | 0.9 | 14.1 | 697.4 | 242.7 | 1,212.2 | 0.0 | 0.2 | 1,223.9 | 0.6 | 1,224.5 |
| 1965 | 0.2 | 16.8 | 16.9 | 122.5 | 222.2 | 0.8 | 16.8 | 873.8 | 220.7 | 1,473.8 | 0.0 | 0.2 | 1,491.0 | 0.5 | 1,491.5 |
| 1970 | 0.1 | 17.9 | 11.0 | 171.5 | 332.9 | 1.2 | 14.9 | 1,106.5 | 175.9 | 1,814.0 | 0.0 | 0.2 | 1,832.2 | 0.5 | 1,832.7 |
| 1975 | (s) | 21.4 | 8.3 | 177.8 | 350.2 | 1.5 | 14.5 | 1,253.1 | 126.1 | 1,931.4 | 0.0 | 0.9 | 1,953.7 | 2.2 | 1,955.9 |
| 1980 | 0.0 | 15.9 | 1.4 | 243.5 | 348.7 | 1.9 | 17.0 | 1,313.8 | 419.2 | 2,345.5 | 0.0 | 0.7 | 2,362.1 | 1.7 | 2,363.8 |
| 1985 | 0.0 | 15.0 | 6.8 | 292.3 | 375.8 | 4.4 | 15.5 | 1,379.1 | 272.5 | 2,346.5 | R e 1.5 | 0.9 | e 2,362.3 | 2.1 | e 2,364.5 |
| 1990 | 0.0 | 20.8 | 5.6 | 340.3 | 534.7 | 3.3 | 17.4 | 1,580.6 | 345.6 | 2,827.4 | R 4.0 | 1.1 | 2,849.3 | 2.4 | 2,851.6 |
| 1991 | 0.0 | 19.0 | 5.5 | 328.1 | 508.1 | 2.7 | 15.6 | 1,543.2 | 264.8 | 2,668.0 | R 5.0 | 1.2 | 2,688.2 | 2.6 | 2,690.8 |
| 1992 | 0.0 | 15.2 | 5.3 | 313.6 | 489.5 | 2.4 | 15.9 | 1,633.0 | 203.0 | 2,662.7 | R 0.6 | 1.3 | 2,679.2 | 2.8 | 2,682.0 |
| 1993 | 0.0 | 12.5 | 4.1 | 282.3 | 504.7 | 2.4 | 16.2 | 1,606.4 | 206.4 | 2,622.4 | R 2.0 | 1.4 | 2,636.3 | 2.9 | 2,639.3 |
| 1994 | 0.0 | 12.9 | 4.0 | 315.3 | 560.1 | 3.7 | 16.9 | R 1,593.4 | 240.9 | R 2,734.3 | R 2.9 | 1.5 | R 2,748.7 | 3.0 | R 2,751.7 |
| 1995 | 0.0 | 20.0 | 4.1 | 335.2 | 540.4 | 2.0 | 16.6 | R 1,618.6 | 281.2 | R 2,798.1 | R 8.9 | 1.4 | R 2,819.6 | 3.0 | R 2,822.6 |
| 1996 | 0.0 | 20.2 | 3.9 | 334.1 | 588.4 | R 1.7 | 16.1 | R 1,644.5 | 249.2 | R 2,838.0 | R 7.5 | 1.5 | R 2,859.6 | 3.0 | R 2,862.7 |
| 1997 | 0.0 | 25.1 | 4.2 | 363.5 | 584.8 | R 1.3 | 17.0 | R 1,666.7 | 136.5 | R 2,774.1 | R 7.6 | 1.6 | R 2,800.8 | 3.4 | R 2,804.2 |
| 1998 | 0.0 | 11.9 | 2.9 | 374.6 | 597.5 | 2.4 | 17.8 | 1,701.4 | 114.3 | 2,810.9 | 5.7 | 1.8 | 2,824.6 | 3.7 | 2,828.2 |
| 1999 | 0.0 | 12.9 | 4.2 | 373.3 | 559.5 | 1.4 | 18.0 | 1,749.0 | 175.3 | 2,880.6 | 4.9 | 1.8 | 2,895.3 | 3.6 | 2,898.9 |

^a The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

^b Includes supplemental gaseous fuels. Transportation use of natural gas is gas consumed in the operation of pipelines, primarily in compressors, and, since 1990, is also gas consumed as vehicle fuel.

^c Ethanol blended into motor gasoline, which is accounted for under motor gasoline, is shown separately here to display the use of renewable energy by the transportation sector and is included only once in the total.

^d Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

^e There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of renewable energy sources beginning in 1981.

R=Revised data.

—=Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

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

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

Table 46. Estimates of Energy Input at Electric Utilities, Selected Years, 1960-1999, California

| Year | Coal | Natural Gas ^a | Petroleum | | | | Nuclear Electric Power | Hydroelectric Power ^e | Wood and Waste | Geothermal Energy ^f | Other ^{b,g} | Total ^h |
|--------------|---------------------|--------------------------|--------------------------|--------------------------|-----------------------------|--------|------------------------|----------------------------------|----------------|--------------------------------|----------------------|--------------------|
| | | | Heavy Oil ^{b,c} | Light Oil ^{b,d} | Petroleum Coke ^b | Total | | | | | | |
| | Thousand Short Tons | Billion Cubic Feet | Thousand Barrels | | | | Million Kilowatthours | | | | | |
| 1960 | 0 | 323 | 23,931 | 120 | 0 | 24,051 | (s) | 17,045 | (s) | 33 | 0 | — |
| 1965 | 0 | 493 | 16,590 | 83 | 0 | 16,673 | 270 | 30,520 | 64 | 189 | 0 | — |
| 1970 | 0 | 636 | 21,589 | 107 | 0 | 21,696 | 3,132 | 38,071 | 48 | 525 | 0 | — |
| 1975 | 0 | 275 | 78,345 | 247 | 0 | 78,592 | 6,071 | 40,103 | 20 | 3,246 | 0 | — |
| 1980 | 0 | 519 | 62,663 | 2,559 | 0 | 65,222 | 4,920 | 40,868 | 20 | 5,073 | 0 | — |
| 1985 | 0 | 666 | 4,617 | 308 | 0 | 4,925 | 19,729 | 35,772 | 4 | 9,197 | 13 | — |
| 1990 | 0 | 456 | 7,169 | 189 | 0 | 7,358 | 32,693 | R 25,630 | 2 | 8,968 | 2 | — |
| 1991 | 0 | 449 | 933 | 104 | 0 | 1,037 | 31,542 | R 21,743 | 8 | 8,638 | 3 | — |
| 1992 | 0 | 564 | 482 | 124 | 0 | 605 | 35,244 | R 19,260 | 5 | 8,807 | 3 | — |
| 1993 | 0 | 466 | 3,227 | 109 | 0 | 3,336 | 31,581 | R 38,280 | 4 | 8,300 | 3 | — |
| 1994 | 0 | 601 | 2,854 | 104 | 0 | 2,959 | 33,752 | R 22,956 | 3 | 7,918 | 3 | — |
| 1995 | 0 | 395 | 734 | 101 | 0 | 835 | 30,246 | R 47,468 | 2 | 5,490 | 15 | — |
| 1996 | 0 | 318 | 983 | 138 | 0 | 1,122 | 34,097 | R 44,235 | 55 | 5,692 | 13 | — |
| 1997 | 0 | 378 | 44 | 273 | 0 | 317 | 30,512 | R 40,840 | 122 | 5,317 | 9 | — |
| 1998 | 0 | 271 | 10 | 268 | 0 | 278 | 34,594 | 49,568 | 120 | 5,061 | 5 | — |
| 1999 | 0 | 145 | 0 | 120 | 0 | 120 | 33,372 | 39,567 | 141 | 1,573 | 7 | — |
| Trillion Btu | | | | | | | | | | | | |
| 1960 | 0.0 | 334.3 | 150.5 | 0.7 | 0.0 | 151.2 | (s) | 183.4 | (s) | 0.8 | 0.0 | 669.6 |
| 1965 | 0.0 | 528.7 | 104.3 | 0.5 | 0.0 | 104.8 | 3.2 | 319.0 | 0.7 | 4.2 | 0.0 | 960.5 |
| 1970 | 0.0 | 670.6 | 135.7 | 0.6 | 0.0 | 136.4 | 34.4 | 399.5 | 0.5 | 11.3 | 0.0 | 1,252.7 |
| 1975 | 0.0 | 291.9 | 492.6 | 1.4 | 0.0 | 494.0 | 66.9 | 417.3 | 0.2 | 70.2 | 0.0 | 1,340.4 |
| 1980 | 0.0 | 545.8 | 394.0 | 14.8 | 0.0 | 408.7 | 53.7 | 424.5 | 0.2 | 109.8 | 0.0 | 1,542.7 |
| 1985 | 0.0 | 700.3 | 29.0 | 1.8 | 0.0 | 30.8 | 213.3 | 373.7 | (s) | 195.6 | 0.1 | 1,513.8 |
| 1990 | 0.0 | 471.5 | 45.1 | 1.1 | 0.0 | 46.2 | 349.2 | R 266.6 | (s) | 189.2 | (s) | R 1,346.0 |
| 1991 | 0.0 | 461.6 | 5.9 | 0.6 | 0.0 | 6.5 | 338.8 | R 226.9 | 0.1 | 181.4 | (s) | R 1,230.7 |
| 1992 | 0.0 | 583.1 | 3.0 | 0.7 | 0.0 | 3.7 | 376.3 | R 199.2 | 0.1 | 184.2 | (s) | R 1,358.3 |
| 1993 | 0.0 | 480.0 | 20.3 | 0.6 | 0.0 | 20.9 | 337.3 | R 394.6 | (s) | 173.6 | (s) | R 1,417.7 |
| 1994 | 0.0 | 618.7 | 17.9 | 0.6 | 0.0 | 18.6 | 360.3 | R 236.8 | (s) | 165.6 | (s) | R 1,408.1 |
| 1995 | 0.0 | 405.4 | 4.6 | 0.6 | 0.0 | 5.2 | 322.4 | R 489.5 | (s) | 114.8 | 0.2 | R 1,345.9 |
| 1996 | 0.0 | 326.3 | 6.2 | 0.8 | 0.0 | 7.0 | 362.2 | R 457.4 | 0.6 | 119.3 | 0.1 | R 1,277.0 |
| 1997 | 0.0 | 385.1 | 0.3 | 1.6 | 0.0 | 1.9 | 324.1 | R 423.0 | 1.3 | 111.4 | 0.1 | R 1,249.6 |
| 1998 | 0.0 | 276.0 | 0.1 | 1.6 | 0.0 | 1.6 | 367.5 | 512.8 | 1.2 | 106.4 | 0.1 | 1,269.9 |
| 1999 | 0.0 | 145.5 | 0.0 | 0.7 | 0.0 | 0.7 | 354.5 | 409.4 | 1.5 | 33.1 | 0.1 | 950.6 |

^a Includes supplemental gaseous fuels.^b The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.^c Prior to 1980, based on oil used in steam plants. Since 1980, heavy oil includes fuel oil nos. 4, 5, and 6 and residual fuel oils.^d Prior to 1980, based on oil used in internal combustion and gas turbine engine plants. Since 1980, light oil includes fuel oil nos. 1 and 2, kerosene, and jet fuel.^e If applicable, through 1988, includes all net imports of electricity, and, from 1989, includes only the portion of imports of electricity that is derived from hydroelectric power.^f Includes net imports of electricity generated from geothermal energy.^g "Other" is electricity generated for distribution from wind, photovoltaic, and solar thermal energy.^h From 1989, includes net imports of electricity generated from nonrenewable energy sources not shown in other columns. See data in appendix Table A8.

R=Revised data.

—=Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

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

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.