

Table CT1. Energy Consumption Estimates for Major Energy Sources in Physical Units, Selected Years, 1960-2009, United States

| Year | Coal | Net Imports of Coal Coke | Natural Gas ^a | Petroleum | | | | | | Nuclear Electric Power | Hydro-electric Power ^f | Fuel Ethanol ^g | |
|------|--------------------|--------------------------|--------------------------|---------------------|-----------------------|------------------|-----------------------------|-------------------|-----------------------|------------------------|-----------------------------------|---------------------------|-------|
| | | | | Distillate Fuel Oil | Jet Fuel ^b | LPG ^c | Motor Gasoline ^d | Residual Fuel Oil | Other ^e | | | | Total |
| | Million Short Tons | Billion Cubic Feet | Million Barrels | | | | | | Billion Kilowatthours | Million Barrels | | | |
| 1960 | 398 | (s) | 11,967 | 685 | 136 | 227 | 1,453 | 559 | 525 | 3,586 | 1 | 149 | NA |
| 1965 | 472 | -1 | 15,280 | 776 | 220 | 307 | 1,676 | 587 | 636 | 4,202 | 4 | 197 | NA |
| 1970 | 523 | -2 | 21,139 | 927 | 353 | 447 | 2,111 | 804 | 722 | 5,364 | 22 | 251 | NA |
| 1971 | 502 | -1 | 21,793 | 971 | 369 | 457 | 2,195 | 838 | 722 | 5,553 | 38 | 270 | NA |
| 1972 | 524 | -1 | 22,101 | 1,066 | 382 | 520 | 2,334 | 926 | 762 | 5,990 | 54 | 276 | NA |
| 1973 | 563 | (s) | 22,049 | 1,129 | 387 | 529 | 2,436 | 1,030 | 807 | 6,317 | 83 | 275 | NA |
| 1974 | 558 | 2 | 21,223 | 1,076 | 363 | 513 | 2,386 | 963 | 777 | 6,078 | 114 | 304 | NA |
| 1975 | 563 | 1 | 19,538 | 1,041 | 365 | 486 | 2,436 | 899 | 730 | 5,958 | 173 | 303 | NA |
| 1976 | 604 | (s) | 19,946 | 1,147 | 361 | 514 | 2,554 | 1,025 | 790 | 6,391 | 191 | 287 | NA |
| 1977 | 625 | 1 | 19,521 | 1,223 | 379 | 519 | 2,620 | 1,121 | 866 | 6,727 | 251 | 224 | NA |
| 1978 | 625 | 5 | 19,627 | 1,253 | 386 | 516 | 2,705 | 1,103 | 917 | 6,879 | 276 | 283 | NA |
| 1979 | 681 | 3 | 20,241 | 1,208 | 393 | 581 | 2,568 | 1,032 | 976 | 6,757 | 255 | 283 | NA |
| 1980 | 703 | -1 | 19,877 | 1,049 | 391 | 538 | 2,408 | 918 | 939 | 6,242 | 251 | 279 | NA |
| 1981 | 733 | -1 | 19,404 | 1,032 | 368 | 535 | 2,404 | 762 | 759 | 5,861 | 273 | 264 | 2 |
| 1982 | 707 | -1 | 18,001 | 975 | 370 | 547 | 2,387 | 627 | 678 | 5,583 | 283 | 312 | 5 |
| 1983 | 737 | -1 | 16,835 | 982 | 382 | 551 | 2,417 | 519 | 709 | 5,559 | 294 | 335 | 10 |
| 1984 | 791 | (s) | 17,951 | 1,041 | 430 | 576 | 2,449 | 501 | 758 | 5,756 | 328 | 324 | 12 |
| 1985 | 818 | -1 | 17,281 | 1,047 | 445 | 584 | 2,493 | 439 | 733 | 5,740 | 384 | 284 | 15 |
| 1986 | 804 | -1 | 16,221 | 1,064 | 477 | 552 | 2,567 | 518 | 764 | 5,942 | 414 | 294 | 17 |
| 1987 | 837 | (s) | 17,211 | 1,086 | 506 | 588 | 2,630 | 462 | 811 | 6,083 | 455 | 253 | 19 |
| 1988 | 884 | 2 | 18,030 | 1,143 | 530 | 606 | 2,685 | 504 | 857 | 6,326 | 527 | 226 | 20 |
| 1989 | 895 | 1 | 19,119 | 1,152 | 544 | 609 | 2,675 | 500 | 844 | 6,324 | 529 | 272 | 20 |
| 1990 | 904 | (s) | 19,174 | 1,103 | 556 | 568 | 2,641 | 449 | 885 | 6,201 | 577 | 293 | 18 |
| 1991 | 899 | (s) | 19,562 | 1,066 | 537 | 616 | 2,623 | 423 | 835 | 6,101 | 613 | 289 | 21 |
| 1992 | 908 | 1 | 20,228 | 1,090 | 532 | 642 | 2,660 | 401 | 909 | 6,234 | 619 | 253 | 23 |
| 1993 | 944 | 1 | 20,790 | 1,110 | 536 | 633 | 2,729 | 394 | 889 | 6,291 | 610 | 280 | 27 |
| 1994 | 951 | 2 | 21,247 | 1,154 | 557 | 686 | 2,774 | 373 | 922 | 6,467 | 640 | 260 | 31 |
| 1995 | 962 | 2 | 22,207 | 1,170 | 553 | 693 | 2,843 | 311 | 899 | 6,469 | 673 | 311 | 33 |
| 1996 | 1,006 | 1 | 22,609 | 1,232 | 578 | 736 | 2,888 | 311 | 957 | 6,701 | 675 | 347 | 24 |
| 1997 | 1,030 | 2 | 22,737 | 1,254 | 583 | 744 | 2,926 | 291 | 998 | 6,796 | 629 | 356 | 30 |
| 1998 | 1,037 | 3 | 22,246 | 1,263 | 592 | 713 | 3,012 | 324 | 1,001 | 6,905 | 674 | 323 | 33 |
| 1999 | 1,039 | 2 | 22,405 | 1,304 | 611 | 801 | 3,077 | 303 | 1,029 | 7,125 | 728 | 320 | 34 |
| 2000 | 1,084 | 3 | 23,333 | 1,362 | 631 | 816 | 3,101 | 333 | 967 | 7,211 | 754 | 276 | 39 |
| 2001 | 1,060 | 1 | 22,239 | 1,404 | 604 | 746 | 3,143 | 296 | 979 | 7,172 | 769 | 217 | 41 |
| 2002 | 1,066 | 2 | 23,007 | 1,378 | 589 | 789 | 3,229 | 255 | 972 | 7,213 | 780 | 264 | 49 |
| 2003 | 1,095 | 2 | 22,277 | 1,433 | 576 | 757 | 3,261 | 282 | 1,003 | 7,312 | 764 | 276 | 67 |
| 2004 | 1,107 | 6 | 22,389 | 1,485 | 597 | 780 | 3,333 | 316 | 1,076 | 7,588 | 789 | 268 | 85 |
| 2005 | 1,126 | 2 | 22,011 | 1,503 | 613 | 741 | 3,343 | 336 | 1,057 | 7,593 | 782 | 270 | 97 |
| 2006 | 1,112 | 2 | 21,685 | 1,522 | 596 | 749 | 3,377 | 251 | 1,055 | 7,551 | 787 | 289 | 131 |
| 2007 | 1,128 | 1 | 23,097 | 1,532 | 592 | 761 | 3,389 | 264 | 1,011 | 7,548 | 806 | 248 | 164 |
| 2008 | 1,121 | 2 | R 23,268 | 1,444 | 563 | 715 | 3,290 | 228 | 896 | 7,136 | 806 | 255 | 231 |
| 2009 | 997 | -1 | 22,839 | 1,325 | 509 | 749 | 3,284 | 187 | 799 | 6,852 | 799 | 273 | 263 |

^a Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.
^b Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Other Petroleum."
^c Liquefied petroleum gases.
^d Motor gasoline as it is consumed; includes fuel ethanol blended into motor gasoline.
^e Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, and the 16 other petroleum products as described in the Technical Notes, Section 4, "Other Petroleum Products."

^f Conventional hydroelectric power. Does not include pumped-storage hydroelectricity.
^g Includes denaturant.
 NA = Not available.
 Where shown, R = Revised data and (s) = Value less than +0.5 and greater than -0.5.
 Note: Totals may not equal sum of components due to independent rounding.
 Web Page: All data are available at <http://www.eia.gov/state/seds/seds-data-complete.cfm>.
 Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2009, United States
(Trillion Btu)

| Year | Fossil Fuels | | | | | | | | | | | Fossil Fuels (as commingled) | | |
|------|--------------|--------------------------------|--|------------------------|--------------------------|------------------|---|----------------------|--------------------|----------|----------|---------------------------------|--|---|
| | Coal | Net Imports of Coal Coke | Natural Gas excluding Supplemental Gaseous Fuels ^a | Petroleum | | | | | | | Total | Total | Natural Gas including Supplemental Gaseous Fuels ^a | Motor Gasoline including Fuel Ethanol ^a |
| | | | | Distillate Fuel Oil | Jet Fuel ^b | LPG ^c | Motor Gasoline excluding Fuel Ethanol ^a | Residual Fuel Oil | Other ^d | Total | | | | |
| 1960 | 9,831 | -6 | 12,385 | 3,992 | 739 | 912 | 7,631 | 3,517 | 3,129 | 19,919 | 42,130 | 12,385 | 7,631 | |
| 1965 | 11,582 | -18 | 15,779 | 4,519 | 1,215 | 1,232 | 8,806 | 3,691 | 3,784 | 23,246 | 50,589 | 15,779 | 8,806 | |
| 1970 | 12,269 | -58 | 21,693 | 5,401 | 1,973 | 1,689 | 11,091 | 5,057 | 4,312 | 29,522 | 63,426 | 21,693 | 11,091 | |
| 1971 | 11,603 | -33 | 22,365 | 5,658 | 2,061 | 1,723 | 11,532 | 5,269 | 4,322 | 30,564 | 64,499 | 22,365 | 11,532 | |
| 1972 | 12,110 | -26 | 22,682 | 6,210 | 2,141 | 1,955 | 12,259 | 5,820 | 4,563 | 32,947 | 67,713 | 22,682 | 12,259 | |
| 1973 | 12,960 | -7 | 22,595 | 6,575 | 2,167 | 1,981 | 12,797 | 6,477 | 4,841 | 34,837 | 70,385 | 22,595 | 12,797 | |
| 1974 | 12,651 | 56 | 21,730 | 6,267 | 2,030 | 1,914 | 12,535 | 6,056 | 4,652 | 33,454 | 67,891 | 21,730 | 12,535 | |
| 1975 | 12,656 | 14 | 19,977 | 6,061 | 2,047 | 1,807 | 12,798 | 5,649 | 4,370 | 32,732 | 65,378 | 19,977 | 12,798 | |
| 1976 | 13,576 | (s) | 20,381 | 6,679 | 2,026 | 1,907 | 13,415 | 6,445 | 4,705 | 35,178 | 69,135 | 20,381 | 13,415 | |
| 1977 | 13,907 | 15 | 19,972 | 7,126 | 2,126 | 1,908 | 13,760 | 7,047 | 5,156 | 37,124 | 71,018 | 19,972 | 13,760 | |
| 1978 | 13,770 | 125 | 20,068 | 7,296 | 2,164 | 1,892 | 14,211 | 6,936 | 5,464 | 37,963 | 71,925 | 20,068 | 14,211 | |
| 1979 | 15,042 | 63 | 20,688 | 7,039 | 2,204 | 2,138 | 13,487 | 6,485 | 5,768 | 37,122 | 72,914 | 20,688 | 13,487 | |
| 1980 | 15,461 | -35 | 20,227 | 6,110 | 2,190 | 1,976 | 12,648 | 5,772 | 5,508 | 34,204 | 69,857 | 20,384 | 12,648 | |
| 1981 | 15,938 | -16 | 19,750 | 6,014 | 2,062 | 1,949 | 12,631 | 4,791 | 4,485 | 31,932 | 67,604 | 19,928 | 12,631 | |
| 1982 | 15,269 | -22 | 18,367 | 5,679 | 2,072 | 1,978 | 12,538 | 3,939 | 4,027 | 30,232 | 63,847 | 18,515 | 12,538 | |
| 1983 | 15,867 | -16 | 17,212 | 5,720 | 2,141 | 1,990 | 12,697 | 3,260 | 4,244 | 30,052 | 63,116 | 17,348 | 12,697 | |
| 1984 | 17,014 | -11 | 18,390 | 6,065 | 2,414 | 2,071 | 12,867 | 3,151 | 4,485 | 31,053 | 66,445 | 18,503 | 12,867 | |
| 1985 | 17,540 | -13 | 17,714 | 6,098 | 2,497 | 2,103 | 13,098 | 2,759 | 4,371 | 30,925 | 66,165 | 17,843 | 13,098 | |
| 1986 | 17,241 | -17 | 16,603 | 6,196 | 2,682 | 2,009 | 13,487 | 3,255 | 4,568 | 32,198 | 66,025 | 16,718 | 13,487 | |
| 1987 | 17,950 | 9 | 17,647 | 6,328 | 2,843 | 2,153 | 13,816 | 2,901 | 4,823 | 32,864 | 68,469 | 17,750 | 13,816 | |
| 1988 | 18,886 | 40 | 18,460 | 6,655 | 2,982 | 2,213 | 14,105 | 3,170 | 5,097 | 34,223 | 71,609 | 18,563 | 14,105 | |
| 1989 | 19,055 | 30 | 19,607 | 6,712 | 3,059 | 2,243 | 14,050 | 3,144 | 5,002 | 34,209 | 72,902 | 19,716 | 14,050 | |
| 1990 | 19,168 | 5 | 19,628 | 6,422 | 3,129 | 2,059 | 13,872 | 2,820 | 5,249 | 33,552 | 72,352 | 19,752 | 13,872 | |
| 1991 | 18,989 | 10 | 20,033 | 6,210 | 3,025 | 2,227 | 13,781 | 2,657 | 4,945 | 32,846 | 71,878 | 20,148 | 13,781 | |
| 1992 | 19,118 | 35 | 20,724 | 6,351 | 3,001 | 2,328 | 13,973 | 2,518 | 5,354 | 33,525 | 73,401 | 20,844 | 13,973 | |
| 1993 | 19,836 | 27 | 21,255 | 6,466 | 3,028 | 2,282 | R 14,240 | 2,479 | 5,253 | R 33,747 | R 74,866 | 21,376 | 14,335 | |
| 1994 | 19,904 | 58 | 21,757 | 6,723 | 3,154 | 2,494 | R 14,404 | 2,342 | 5,445 | R 34,564 | R 76,283 | 21,870 | 14,511 | |
| 1995 | 20,099 | 61 | 22,721 | 6,818 | 3,132 | 2,512 | R 14,711 | 1,955 | 5,314 | R 34,442 | R 77,322 | 22,833 | 14,825 | |
| 1996 | 21,002 | 23 | 23,151 | 7,175 | 3,274 | 2,660 | R 14,982 | 1,952 | 5,635 | R 35,677 | R 79,854 | 23,262 | 15,064 | |
| 1997 | 21,444 | 46 | 23,372 | 7,304 | 3,308 | 2,690 | R 15,150 | 1,828 | 5,881 | R 36,162 | R 81,024 | 23,477 | 15,254 | |
| 1998 | 21,583 | 67 | 22,912 | 7,359 | 3,357 | 2,575 | R 15,586 | 2,036 | 5,905 | R 36,819 | R 81,381 | 23,016 | 15,701 | |
| 1999 | 21,582 | 58 | 22,925 | 7,595 | 3,462 | 2,897 | R 15,916 | 1,905 | 6,066 | R 37,841 | R 82,406 | 23,026 | 16,036 | |
| 2000 | 22,576 | 65 | 23,711 | 7,935 | 3,580 | 2,945 | R 16,018 | 2,091 | 5,695 | R 38,265 | R 84,617 | 23,803 | 16,155 | |
| 2001 | 21,906 | 29 | 22,748 | 8,179 | 3,426 | 2,697 | R 16,229 | 1,861 | 5,797 | R 38,189 | R 82,873 | 22,836 | 16,373 | |
| 2002 | 21,903 | 61 | 23,493 | 8,028 | 3,340 | 2,852 | R 16,648 | 1,605 | 5,755 | R 38,229 | R 83,685 | 23,561 | 16,819 | |
| 2003 | 22,324 | 51 | 22,823 | 8,349 | 3,265 | 2,747 | R 16,748 | 1,772 | 5,936 | R 38,817 | R 84,014 | 22,891 | 16,981 | |
| 2004 | 22,466 | 138 | 22,913 | 8,652 | 3,383 | 2,824 | R 17,086 | 1,990 | 6,365 | R 40,299 | R 85,816 | 22,974 | 17,379 | |
| 2005 | 22,795 | 44 | 22,563 | 8,755 | 3,475 | 2,682 | R 17,109 | 2,111 | 6,265 | R 40,397 | R 85,800 | 22,628 | 17,444 | |
| 2006 | 22,446 | 61 | 22,210 | 8,864 | 3,379 | 2,701 | R 17,169 | 1,581 | 6,274 | R 39,968 | R 84,684 | 22,277 | 17,622 | |
| 2007 | 22,750 | 25 | 23,665 | 8,921 | 3,358 | 2,733 | R 17,120 | 1,659 | 5,999 | R 39,789 | R 86,229 | 23,729 | 17,689 | |
| 2008 | 22,385 | 41 | R 23,827 | 8,411 | 3,193 | 2,574 | R 16,367 | 1,432 | 5,324 | R 37,302 | R 83,555 | R 23,889 | 17,168 | |
| 2009 | 19,693 | -24 | 23,348 | 7,720 | 2,883 | 2,664 | 16,225 | 1,173 | 4,746 | 35,411 | 78,429 | 23,414 | 17,135 | |

^a Supplemental gaseous fuels (SGF) and fuel ethanol are consumed with natural gas and motor gasoline, respectively. In this table, natural gas excluding SGF and motor gasoline excluding fuel ethanol are presented so that a fossil fuel total can be calculated. Natural gas including SGF and motor gasoline including fuel ethanol are presented separately for reference.

^b Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Other Petroleum."

^c Liquefied petroleum gases.

^d Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, and the 16 other petroleum products as described in the Technical Notes, Section 4, "Other Petroleum Products."

Where shown, R = Revised data and (s) = Value less than +0.5 and greater than -0.5.

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

Web Page: All data are available at <http://www.eia.gov/state/seds/seds-data-complete.cfm>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2009, United States (Continued)
(Trillion Btu)

| Year | Nuclear Electric Power | Renewable Energy | | | | | | | | | Net Imports of Electricity | Total |
|------|------------------------|-----------------------------------|-----------------------------|---------------------------|-------------------------------------|---------|-------------|-----------------------|------|---------|----------------------------|-----------|
| | | Hydro-electric Power ^e | Biomass | | | | Geo-thermal | Solar/PV ⁱ | Wind | Total | | |
| | | | Wood and Waste ^f | Fuel Ethanol ^g | Losses and Co-products ^h | Total | | | | | | |
| 1960 | 6 | 1,608 | 1,320 | NA | NA | 1,320 | R (s) | NA | NA | R 2,928 | 15 | R 45,079 |
| 1965 | 43 | 2,059 | 1,335 | NA | NA | 1,335 | R 2 | NA | NA | R 3,396 | (s) | R 54,028 |
| 1970 | 239 | 2,634 | 1,431 | NA | NA | 1,431 | R 6 | NA | NA | R 4,070 | 7 | R 67,742 |
| 1971 | 413 | 2,824 | 1,432 | NA | NA | 1,432 | R 6 | NA | NA | R 4,262 | 12 | R 69,187 |
| 1972 | 584 | 2,864 | 1,503 | NA | NA | 1,503 | R 15 | NA | NA | R 4,382 | 26 | R 72,705 |
| 1973 | 910 | 2,861 | 1,529 | NA | NA | 1,529 | R 20 | NA | NA | R 4,411 | 49 | R 75,755 |
| 1974 | 1,272 | 3,177 | 1,540 | NA | NA | 1,540 | R 26 | NA | NA | R 4,742 | 43 | R 73,948 |
| 1975 | 1,900 | 3,155 | 1,499 | NA | NA | 1,499 | R 34 | NA | NA | R 4,687 | 21 | R 71,986 |
| 1976 | 2,111 | 2,976 | 1,713 | NA | NA | 1,713 | R 38 | NA | NA | R 4,727 | 29 | R 76,002 |
| 1977 | 2,702 | 2,333 | 1,838 | NA | NA | 1,838 | R 37 | NA | NA | R 4,209 | 59 | R 77,988 |
| 1978 | 3,024 | 2,937 | 2,038 | NA | NA | 2,038 | R 31 | NA | NA | R 5,005 | 67 | R 80,022 |
| 1979 | 2,776 | 2,931 | 2,152 | NA | NA | 2,152 | R 40 | NA | NA | R 5,123 | 69 | R 80,882 |
| 1980 | 2,739 | 2,900 | 2,472 | NA | NA | 2,472 | R 53 | NA | NA | R 5,425 | 71 | R 78,092 |
| 1981 | 3,008 | 2,758 | 2,587 | 7 | 6 | 2,600 | R 59 | NA | NA | R 5,417 | 113 | R 76,142 |
| 1982 | 3,131 | 3,266 | 2,630 | 19 | 16 | 2,665 | R 51 | NA | NA | R 5,981 | 100 | R 73,059 |
| 1983 | 3,203 | 3,527 | 2,841 | 34 | 29 | R 2,904 | R 64 | NA | (s) | R 6,496 | 121 | R 72,934 |
| 1984 | 3,553 | 3,386 | 2,894 | 42 | 35 | R 2,972 | R 81 | (s) | (s) | R 6,438 | 135 | R 76,571 |
| 1985 | 4,076 | 2,970 | 2,923 | 51 | 42 | R 3,016 | R 97 | (s) | (s) | R 6,084 | 140 | R 76,464 |
| 1986 | 4,380 | 3,071 | 2,825 | 59 | 48 | R 2,932 | R 108 | (s) | (s) | R 6,111 | 122 | R 76,639 |
| 1987 | 4,754 | 2,635 | 2,755 | 68 | 55 | R 2,878 | R 112 | (s) | (s) | R 5,625 | 158 | R 79,006 |
| 1988 | 5,587 | 2,334 | 2,892 | 69 | 55 | R 3,016 | R 106 | (s) | (s) | R 5,457 | 108 | R 82,761 |
| 1989 | 5,602 | 2,837 | 3,034 | 70 | 56 | R 3,159 | R 162 | 55 | 22 | R 6,235 | 37 | R 84,777 |
| 1990 | 6,104 | 3,046 | 2,626 | 62 | 49 | R 2,737 | R 171 | R 59 | 29 | R 6,043 | 8 | R 84,507 |
| 1991 | 6,422 | 3,016 | 2,654 | 72 | 56 | R 2,782 | R 178 | R 62 | 31 | R 6,069 | 67 | R 84,435 |
| 1992 | 6,479 | 2,617 | 2,787 | 81 | 64 | R 2,932 | R 179 | 64 | 30 | R 5,821 | 87 | R 85,788 |
| 1993 | 6,410 | 2,892 | 2,737 | 95 | 74 | R 2,906 | R 186 | 66 | 31 | R 6,080 | 95 | R 87,451 |
| 1994 | 6,694 | 2,683 | 2,839 | 106 | 82 | R 3,028 | R 173 | R 68 | 36 | R 5,988 | 153 | R 89,118 |
| 1995 | 7,075 | 3,205 | 2,901 | 114 | 86 | R 3,101 | R 152 | R 69 | 33 | R 6,561 | 134 | R 91,092 |
| 1996 | 7,087 | 3,590 | 3,014 | 82 | 61 | R 3,157 | R 163 | R 70 | 33 | R 7,014 | 137 | R 94,091 |
| 1997 | 6,597 | 3,640 | 2,919 | 104 | 80 | R 3,103 | R 167 | 70 | 34 | R 7,013 | 116 | R 94,750 |
| 1998 | 7,068 | 3,297 | 2,726 | 115 | 86 | R 2,928 | R 168 | R 69 | 31 | R 6,493 | 88 | R 95,030 |
| 1999 | 7,610 | 3,268 | 2,764 | 119 | 90 | R 2,973 | R 172 | R 68 | 46 | R 6,527 | 99 | R 96,642 |
| 2000 | 7,862 | 2,811 | 2,783 | 137 | 99 | R 3,018 | R 164 | R 65 | 57 | R 6,116 | 115 | R 98,711 |
| 2001 | 8,029 | 2,242 | 2,374 | 144 | 108 | R 2,625 | R 164 | R 64 | 70 | R 5,166 | 75 | R 96,142 |
| 2002 | 8,145 | 2,689 | 2,397 | 171 | 130 | R 2,699 | R 171 | R 63 | 105 | R 5,727 | 72 | R 97,629 |
| 2003 | 7,959 | 2,825 | 2,403 | 233 | 169 | R 2,806 | R 175 | R 62 | 115 | R 5,982 | 22 | R 97,977 |
| 2004 | 8,222 | 2,690 | 2,510 | 293 | 203 | R 3,006 | R 178 | R 63 | 142 | R 6,079 | 39 | R 100,155 |
| 2005 | 8,161 | 2,703 | 2,538 | 335 | 230 | R 3,103 | R 181 | R 63 | 178 | R 6,228 | 84 | R 100,273 |
| 2006 | 8,215 | 2,869 | 2,505 | 453 | 285 | R 3,243 | R 181 | R 68 | 264 | R 6,625 | 63 | R 99,588 |
| 2007 | 8,455 | 2,446 | 2,511 | 569 | 376 | R 3,456 | R 186 | R 76 | 341 | R 6,504 | 107 | R 101,296 |
| 2008 | 8,427 | 2,511 | 2,480 | 800 | 531 | R 3,811 | R 192 | R 89 | 546 | R 7,149 | 112 | R 99,242 |
| 2009 | 8,356 | 2,669 | 2,332 | 910 | 616 | 3,858 | 200 | 98 | 721 | 7,546 | 116 | 94,447 |

^e Conventional hydroelectric power. Does not include pumped-storage hydroelectricity.
^f Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
^g Excludes denaturant.
^h Losses and co-products from the production of fuel ethanol.
ⁱ Solar thermal and photovoltaic energy.

NA = Not available.
Where shown, R = Revised data and (s) = Value less than +0.5 and greater than -0.5.
Note: Totals may not equal sum of components due to independent rounding.
Web Page: All data are available at <http://www.eia.gov/state/seds/seds-data-complete.cfm>.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT3. Total End-Use Energy Consumption Estimates, Selected Years, 1960-2009, United States

| Year | Coal Million Short Tons | Net Imports of Coal Coke | Natural Gas ^a Billion Cubic Feet | Petroleum | | | | | | | Hydro-electric Power ^{f,g} Billion Kilowatt-hours | Biomass | | Geo-thermal ^g | Solar/PV ^{g,j} | Retail Electricity Sales Billion Kilowatt-hours | Net Energy ^{g,k} | Electrical System Energy Losses ^l | Total ^{g,k} |
|------|----------------------------|--------------------------|--|---------------------|-----------------------|------------------|-----------------------------|-------------------|--------------------|-------|---|-------------------------------|-------------------------------------|--------------------------|-------------------------|--|---------------------------|--|----------------------|
| | | | | Distillate Fuel Oil | Jet Fuel ^b | LPG ^c | Motor Gasoline ^d | Residual Fuel Oil | Other ^e | Total | | Wood and Waste ^{g,h} | Losses and Co-products ⁱ | | | | | | |
| | | | | Million Barrels | | | | | | | | | | | | | | | |
| 1960 | 221 | (s) | 10,242 | 681 | 136 | 227 | 1,453 | 475 | 525 | 3,498 | 4 | -- | -- | -- | 688 | -- | -- | -- | |
| 1965 | 227 | -1 | 12,959 | 771 | 220 | 307 | 1,676 | 477 | 636 | 4,087 | 3 | -- | -- | -- | 954 | -- | -- | -- | |
| 1970 | 203 | -2 | 17,208 | 903 | 353 | 447 | 2,111 | 493 | 719 | 5,026 | 3 | -- | -- | -- | 1,392 | -- | -- | -- | |
| 1975 | 157 | 1 | 16,380 | 1,005 | 362 | 486 | 2,436 | 431 | 730 | 5,451 | 3 | -- | -- | -- | 1,747 | -- | -- | -- | |
| 1980 | 133 | -1 | 16,196 | 1,022 | 389 | 538 | 2,408 | 527 | 938 | 5,821 | 3 | -- | -- | -- | 2,094 | -- | -- | -- | |
| 1985 | 124 | -1 | 14,237 | 1,032 | 445 | 584 | 2,493 | 280 | 732 | 5,566 | 3 | -- | -- | -- | 2,324 | -- | -- | -- | |
| 1990 | 122 | (s) | 15,929 | 1,086 | 556 | 568 | 2,641 | 264 | 880 | 5,994 | 3 | -- | -- | -- | 2,713 | -- | -- | -- | |
| 1995 | 112 | 2 | 17,970 | 1,152 | 553 | 693 | 2,843 | 221 | 886 | 6,348 | 5 | -- | -- | -- | 3,013 | -- | -- | -- | |
| 2000 | 98 | 3 | 18,127 | 1,332 | 631 | 816 | 3,101 | 194 | 951 | 7,026 | 4 | -- | -- | -- | 3,421 | -- | -- | -- | |
| 2001 | 96 | 1 | 16,896 | 1,375 | 604 | 746 | 3,143 | 137 | 961 | 6,966 | 3 | -- | -- | -- | 3,394 | -- | -- | -- | |
| 2002 | 89 | 2 | 17,335 | 1,356 | 589 | 789 | 3,229 | 151 | 942 | 7,057 | 4 | -- | -- | -- | 3,465 | -- | -- | -- | |
| 2003 | 90 | 2 | 17,141 | 1,406 | 576 | 757 | 3,261 | 144 | 974 | 7,117 | 4 | -- | -- | -- | 3,494 | -- | -- | -- | |
| 2004 | 91 | 6 | 16,925 | 1,466 | 597 | 780 | 3,333 | 177 | 1,039 | 7,392 | 3 | -- | -- | -- | 3,547 | -- | -- | -- | |
| 2005 | 88 | 2 | 16,141 | 1,483 | 613 | 741 | 3,343 | 196 | 1,017 | 7,393 | 3 | -- | -- | -- | 3,661 | -- | -- | -- | |
| 2006 | 86 | 2 | 15,463 | 1,509 | 596 | 749 | 3,377 | 194 | 1,020 | 7,445 | 3 | -- | -- | -- | 3,670 | -- | -- | -- | |
| 2007 | 83 | 1 | 16,256 | 1,516 | 592 | 761 | 3,389 | 201 | 982 | 7,442 | 2 | -- | -- | -- | 3,765 | -- | -- | -- | |
| 2008 | 80 | 2 | 16,600 | 1,431 | 563 | 715 | 3,290 | 189 | 871 | 7,060 | 2 | -- | -- | -- | 3,733 | -- | -- | -- | |
| 2009 | 64 | -1 | 15,967 | 1,313 | 509 | 749 | 3,284 | 158 | 776 | 6,788 | 2 | -- | -- | -- | 3,597 | -- | -- | -- | |

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|------|-------|-----|--------|-------|-------|-------|--------|-------|-------|--------|----|-------|-----|----|----|--------|--------|--------|---------|
| 1960 | 5,604 | -6 | 10,600 | 3,969 | 738 | 912 | 7,631 | 2,987 | 3,130 | 19,367 | 39 | 1,318 | NA | NA | NA | 2,348 | 39,270 | 5,809 | 45,079 |
| 1965 | 5,761 | -18 | 13,371 | 4,490 | 1,214 | 1,232 | 8,806 | 2,997 | 3,784 | 22,524 | 33 | 1,332 | NA | NA | NA | 3,254 | 46,256 | 7,771 | 54,028 |
| 1970 | 5,041 | -58 | 17,645 | 5,260 | 1,973 | 1,688 | 11,091 | 3,099 | 4,293 | 27,404 | 34 | 1,427 | NA | NA | NA | 4,750 | 56,244 | 11,497 | 67,742 |
| 1975 | 3,866 | 14 | 16,746 | 5,853 | 2,029 | 1,807 | 12,798 | 2,712 | 4,368 | 29,566 | 32 | 1,497 | NA | NA | NA | 5,961 | 57,682 | 14,304 | 71,986 |
| 1980 | 3,303 | -35 | 16,580 | 5,952 | 2,179 | 1,976 | 12,648 | 3,312 | 5,503 | 31,571 | 33 | 2,467 | NA | NA | NA | 7,146 | 60,914 | 17,178 | 78,092 |
| 1985 | 2,954 | -14 | 14,686 | 6,012 | 2,497 | 2,103 | 13,098 | 1,761 | 4,364 | 29,834 | 33 | 2,909 | 42 | NA | NA | 7,929 | 58,300 | 18,164 | 76,464 |
| 1990 | 2,909 | 5 | 16,420 | 6,326 | 3,130 | 2,059 | 13,872 | 1,657 | 5,219 | 32,262 | 32 | 2,310 | 49 | 10 | 56 | 9,255 | 63,252 | 21,255 | 84,507 |
| 1995 | 2,634 | 61 | 18,506 | 6,710 | 3,132 | 2,512 | 14,826 | 1,389 | 5,234 | 33,801 | 56 | 2,480 | 86 | 14 | 64 | 10,281 | 67,878 | 23,214 | 91,092 |
| 2000 | 2,356 | 65 | 18,485 | 7,761 | 3,580 | 2,945 | 16,155 | 1,220 | 5,597 | 37,258 | 43 | 2,330 | 99 | 21 | 60 | 11,674 | 72,306 | 26,405 | 98,711 |
| 2001 | 2,293 | 29 | 17,340 | 8,008 | 3,426 | 2,697 | 16,373 | 859 | 5,694 | 37,057 | 33 | 2,037 | 108 | 22 | 59 | 11,582 | 70,479 | 25,664 | 96,142 |
| 2002 | 2,120 | 61 | 17,772 | 7,901 | 3,340 | 2,852 | 16,819 | 947 | 5,580 | 37,439 | 39 | 2,017 | 130 | 24 | 57 | 11,824 | 71,419 | 26,210 | 97,629 |
| 2003 | 2,139 | 50 | 17,632 | 8,188 | 3,266 | 2,747 | 16,981 | 902 | 5,761 | 37,846 | 44 | 2,006 | 169 | 27 | 56 | 11,921 | 71,826 | 26,151 | 97,977 |
| 2004 | 2,161 | 138 | 17,366 | 8,541 | 3,382 | 2,824 | 17,379 | 1,111 | 6,143 | 39,380 | 34 | 2,122 | 203 | 30 | 57 | 12,104 | 73,536 | 26,620 | 100,155 |
| 2005 | 2,058 | 44 | 16,592 | 8,641 | 3,475 | 2,682 | 17,444 | 1,235 | 6,022 | 39,498 | 33 | 2,132 | 230 | 34 | 58 | 12,491 | 73,111 | 27,162 | 100,273 |
| 2006 | 1,984 | 61 | 15,884 | 8,790 | 3,379 | 2,701 | 17,622 | 1,220 | 6,060 | 39,772 | 30 | 2,093 | 285 | 37 | 63 | 12,522 | 72,668 | 26,919 | 99,588 |
| 2007 | 1,943 | 25 | 16,701 | 8,832 | 3,358 | 2,733 | 17,689 | 1,262 | 5,828 | 39,701 | 16 | 2,088 | 376 | 41 | 70 | 12,845 | 73,747 | 27,548 | 101,296 |
| 2008 | 1,872 | 41 | 17,040 | 8,338 | 3,193 | 2,574 | 17,168 | 1,191 | 5,170 | 37,634 | 17 | 2,045 | 531 | 46 | 80 | 12,737 | 71,985 | 27,258 | 99,242 |
| 2009 | 1,468 | -24 | 16,371 | 7,650 | 2,883 | 2,664 | 17,134 | 992 | 4,607 | 35,931 | 19 | 1,891 | 616 | 54 | 89 | 12,272 | 68,625 | 25,822 | 94,447 |

^a Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

^b Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Other Petroleum."

^c Liquefied petroleum gases.

^d Beginning in 1993, includes fuel ethanol blended into motor gasoline.

^e Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, and the 16 other petroleum products as described in the Technical Notes, Section 4, "Other Petroleum Products."

^f Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

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

^h Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

ⁱ Losses and co-products from the production of fuel ethanol.

^j Solar thermal and photovoltaic energy.

^k From 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. Beginning in 1980, adjusted for the 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 net energy and total.

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

-- = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Value less than +0.5 and greater than -0.5.

Notes: Total end-use consumption estimates are the sum of the consumption estimates for the residential, commercial, industrial, and transportation sectors. • Totals may not equal sum of components due to independent rounding. • The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. • See the Technical Notes for each type of energy.

Web Page: All data are available at <http://www.eia.gov/state/seds/seds-data-complete.cfm>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT4. Residential Sector Energy Consumption Estimates, Selected Years, 1960-2009, United States

| Year | Coal Million Short Tons | Natural Gas ^a Billion Cubic Feet | Petroleum | | | | Biomass | Geothermal ^d | Solar/PV ^{d,e} | Retail Electricity Sales | Net Energy ^{d,f} | Electrical System Energy Losses ^g | Total ^{d,f} |
|------|----------------------------|--|---------------------|----------|------------------|-------|-------------------|-------------------------|-------------------------|--------------------------|---------------------------|--|----------------------|
| | | | Distillate Fuel Oil | Kerosene | LPG ^b | Total | Wood ^c | | | Billion Kilowatthours | | | |
| | | | | | | | Million Cords | | | | | | |
| 1960 | 24 | 3,103 | 269 | 62 | 79 | 411 | 31 | -- | -- | 201 | -- | -- | -- |
| 1965 | 15 | 3,903 | 294 | 59 | 100 | 453 | 23 | -- | -- | 291 | -- | -- | -- |
| 1970 | 9 | 4,837 | 322 | 53 | 143 | 518 | 20 | -- | -- | 466 | -- | -- | -- |
| 1975 | 3 | 4,924 | 310 | 28 | 133 | 472 | 21 | -- | -- | 588 | -- | -- | -- |
| 1980 | 1 | 4,752 | 226 | 19 | 81 | 326 | 42 | -- | -- | 717 | -- | -- | -- |
| 1985 | 2 | 4,433 | 188 | 28 | 82 | 297 | 51 | -- | -- | 794 | -- | -- | -- |
| 1990 | 1 | 4,391 | 168 | 11 | 92 | 271 | 29 | -- | -- | 924 | -- | -- | -- |
| 1995 | 1 | 4,850 | 155 | 13 | 103 | 271 | 26 | -- | -- | 1,043 | -- | -- | -- |
| 1996 | 1 | 5,241 | 159 | 16 | 122 | 297 | 27 | -- | -- | 1,083 | -- | -- | -- |
| 1997 | 1 | 4,984 | 150 | 16 | 119 | 285 | 21 | -- | -- | 1,076 | -- | -- | -- |
| 1998 | 1 | 4,520 | 133 | 19 | 111 | 262 | 19 | -- | -- | 1,130 | -- | -- | -- |
| 1999 | 1 | 4,726 | 142 | 20 | 137 | 299 | 20 | -- | -- | 1,145 | -- | -- | -- |
| 2000 | (s) | 4,996 | 155 | 17 | 145 | 317 | 22 | -- | -- | 1,192 | -- | -- | -- |
| 2001 | (s) | 4,771 | 156 | 17 | 137 | 310 | 19 | -- | -- | 1,202 | -- | -- | -- |
| 2002 | 1 | 4,889 | 148 | 11 | 140 | 298 | 19 | -- | -- | 1,265 | -- | -- | -- |
| 2003 | 1 | 5,079 | 155 | 12 | 142 | 310 | 20 | -- | -- | 1,276 | -- | -- | -- |
| 2004 | 1 | 4,869 | 159 | 15 | 133 | 307 | 21 | -- | -- | 1,292 | -- | -- | -- |
| 2005 | (s) | 4,827 | 147 | 15 | 134 | 295 | 21 | -- | -- | 1,359 | -- | -- | -- |
| 2006 | (s) | 4,368 | 122 | 12 | 116 | 250 | 20 | -- | -- | 1,352 | -- | -- | -- |
| 2007 | (s) | 4,722 | 125 | 8 | 126 | 258 | 22 | -- | -- | 1,392 | -- | -- | -- |
| 2008 | (s) | R 4,892 | R 115 | 4 | 144 | R 263 | 23 | -- | -- | 1,380 | -- | -- | -- |
| 2009 | (s) | 4,778 | 103 | 5 | 143 | 251 | 22 | -- | -- | 1,364 | -- | -- | -- |

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|------|-----|---------|-------|-----|-----|---------|-------|----|------|-------|----------|----------|----------|
| 1960 | 578 | 3,212 | 1,568 | 354 | 319 | 2,241 | 627 | NA | NA | 687 | 7,345 | R 1,701 | 9,047 |
| 1965 | 348 | 4,019 | 1,713 | 334 | 403 | 2,449 | 468 | NA | NA | 993 | 8,278 | R 2,372 | R 10,649 |
| 1970 | 207 | 4,953 | 1,878 | 298 | 540 | 2,717 | 401 | NA | NA | 1,591 | 9,868 | R 3,851 | R 13,720 |
| 1975 | 62 | 5,024 | 1,807 | 161 | 496 | 2,463 | 425 | NA | NA | 2,007 | 9,981 | R 4,816 | R 14,798 |
| 1980 | 31 | 4,855 | 1,316 | 107 | 298 | 1,721 | 846 | NA | NA | 2,448 | 9,832 | R 5,886 | R 15,718 |
| 1985 | 39 | 4,566 | 1,092 | 159 | 295 | 1,546 | 1,010 | NA | NA | 2,709 | 9,816 | R 6,206 | R 16,022 |
| 1990 | 31 | 4,519 | 978 | 64 | 333 | 1,375 | 582 | 6 | R 56 | 3,153 | R 9,675 | R 7,240 | R 16,915 |
| 1995 | 17 | 4,984 | 905 | 74 | 373 | 1,352 | 520 | 7 | R 64 | 3,557 | R 10,461 | R 8,031 | R 18,492 |
| 1996 | 16 | 5,391 | 926 | 89 | 441 | 1,456 | 540 | 7 | R 65 | 3,694 | R 11,128 | R 8,348 | R 19,477 |
| 1997 | 16 | 5,125 | 874 | 93 | 429 | 1,396 | 428 | 7 | R 64 | 3,671 | R 10,670 | R 8,265 | R 18,936 |
| 1998 | 12 | 4,671 | 772 | 108 | 399 | 1,280 | 380 | 8 | R 64 | 3,856 | R 10,237 | R 8,691 | R 18,927 |
| 1999 | 14 | 4,857 | 828 | 111 | 496 | 1,435 | 400 | 9 | R 63 | 3,906 | R 10,649 | R 8,880 | R 19,529 |
| 2000 | 11 | 5,100 | 905 | 95 | 522 | 1,521 | 430 | 9 | R 60 | 4,069 | R 11,167 | R 9,203 | R 20,369 |
| 2001 | 11 | 4,902 | 908 | 95 | 495 | 1,499 | 374 | 9 | R 59 | 4,100 | R 10,924 | R 9,085 | R 20,009 |
| 2002 | 12 | 5,006 | 860 | 60 | 506 | 1,426 | 380 | 10 | R 57 | 4,317 | R 11,185 | R 9,569 | R 20,754 |
| 2003 | 12 | 5,224 | 905 | 70 | 515 | 1,490 | 400 | 13 | R 57 | 4,353 | R 11,524 | R 9,550 | R 21,074 |
| 2004 | 11 | 4,993 | 924 | 85 | 483 | 1,491 | 410 | 14 | R 57 | 4,408 | R 11,364 | R 9,695 | R 21,059 |
| 2005 | 8 | 4,958 | 854 | 84 | 484 | 1,422 | 428 | 16 | R 58 | 4,638 | R 11,507 | R 10,085 | R 21,592 |
| 2006 | 6 | 4,483 | 712 | 66 | 419 | 1,197 | 390 | 18 | R 63 | 4,611 | R 10,749 | R 9,914 | R 20,662 |
| 2007 | 8 | 4,844 | 726 | 44 | 453 | 1,223 | 430 | 22 | R 70 | 4,750 | R 11,328 | R 10,188 | R 21,516 |
| 2008 | 8 | R 5,018 | R 669 | 21 | 519 | R 1,209 | 450 | 26 | R 80 | 4,708 | R 11,482 | R 10,077 | R 21,559 |
| 2009 | 7 | 4,899 | 602 | 28 | 507 | 1,137 | 430 | 33 | 89 | 4,656 | 11,231 | 9,796 | 21,027 |

^a Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

^b Liquefied petroleum gases.

^c Wood and wood-derived fuels.

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

^e Solar thermal and photovoltaic energy. Includes small amounts consumed by the commercial sector that cannot be separately identified. See Section 5 of the Technical Notes for an explanation of estimation methodology.

^f Beginning in 1980, adjusted for the 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 net energy and total.

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

-- = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Value less than 0.5.

Notes: Totals may not equal sum of components due to independent rounding. • The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at <http://www.eia.gov/state/seds/seds-data-complete.cfm>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT5. Commercial Sector Energy Consumption Estimates, Selected Years, 1960-2009, United States

| Year | Coal Million Short Tons | Natural Gas ^a Billion Cubic Feet | Petroleum | | | | | | Hydro-electric Power ^{e,f} Billion kWh | Biomass Wood and Waste ^{f,g} | Geothermal ^f | Retail Electricity Sales Billion KWh | Net Energy ^{f,h} | Electrical System Energy Losses ⁱ | Total ^{f,h} |
|------|----------------------------|--|---------------------|----------|------------------|-----------------------------|-------------------|--------------------|--|--|-------------------------|---|---------------------------|--|----------------------|
| | | | Distillate Fuel Oil | Kerosene | LPG ^b | Motor Gasoline ^c | Residual Fuel Oil | Total ^d | | | | | | | |
| | | | | | | | | | | | | | | | |
| 1960 | 17 | 1,020 | 85 | 8 | 21 | 13 | 89 | 216 | NA | --- | --- | --- | --- | --- | |
| 1965 | 11 | 1,444 | 92 | 9 | 27 | 15 | 103 | 245 | NA | --- | --- | --- | --- | --- | |
| 1970 | 7 | 2,399 | 101 | 11 | 37 | 16 | 114 | 279 | NA | --- | --- | --- | --- | --- | |
| 1975 | 7 | 2,508 | 101 | 9 | 34 | 17 | 78 | 238 | NA | --- | --- | --- | --- | --- | |
| 1980 | 5 | 2,611 | 89 | 7 | 23 | 20 | 90 | 229 | NA | --- | --- | --- | --- | --- | |
| 1985 | 6 | 2,432 | 108 | 6 | 25 | 18 | 36 | 193 | NA | --- | --- | --- | --- | --- | |
| 1990 | 5 | 2,623 | 92 | 2 | 27 | 21 | 37 | 178 | (s) | --- | --- | --- | --- | --- | |
| 1995 | 5 | 3,031 | 82 | 4 | 28 | 3 | 23 | 140 | (s) | --- | --- | --- | --- | --- | |
| 1996 | 5 | 3,158 | 83 | 4 | 32 | 5 | 22 | 145 | (s) | --- | --- | --- | --- | --- | |
| 1997 | 6 | 3,215 | 76 | 4 | 31 | 8 | 18 | 138 | (s) | --- | --- | 1,027 | --- | --- | |
| 1998 | 4 | 2,999 | 74 | 5 | 31 | 7 | 14 | 131 | (s) | --- | --- | 1,078 | --- | --- | |
| 1999 | 4 | 3,045 | 75 | 5 | 37 | 5 | 12 | 134 | (s) | --- | --- | 1,104 | --- | --- | |
| 2000 | 4 | 3,182 | 84 | 5 | 39 | 9 | 15 | 152 | (s) | --- | --- | 1,159 | --- | --- | |
| 2001 | 4 | 3,023 | 87 | 6 | 37 | 7 | 11 | 148 | (s) | --- | --- | 1,191 | --- | --- | |
| 2002 | 4 | 3,144 | 76 | 3 | 37 | 9 | 13 | 137 | (s) | --- | --- | 1,205 | --- | --- | |
| 2003 | 4 | 3,179 | 83 | 3 | 41 | 12 | 18 | 156 | (s) | --- | --- | 1,199 | --- | --- | |
| 2004 | 5 | 3,129 | 81 | 4 | 40 | 9 | 19 | 152 | (s) | --- | --- | 1,230 | --- | --- | |
| 2005 | 4 | 2,999 | 77 | 4 | 34 | 9 | 18 | 142 | (s) | --- | --- | 1,275 | --- | --- | |
| 2006 | 3 | 2,832 | 69 | 3 | 32 | 9 | 12 | 125 | (s) | --- | --- | 1,300 | --- | --- | |
| 2007 | 3 | 3,013 | 66 | 2 | 32 | 12 | 12 | 123 | (s) | --- | --- | 1,336 | --- | --- | |
| 2008 | 3 | R 3,153 | R 64 | 1 | 41 | 9 | 12 | 126 | (s) | --- | --- | 1,336 | --- | --- | |
| 2009 | 3 | 3,119 | 71 | 1 | 36 | 10 | 12 | 130 | (s) | --- | --- | 1,307 | --- | --- | |

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|------|-----|---------|-------|----|-----|-----|-----|-------|-----|-----|----|-------|---------|---------|----------|
| 1960 | 402 | 1,056 | 494 | 48 | 85 | 67 | 559 | 1,252 | NA | 12 | NA | 543 | 3,265 | 1,344 | 4,608 |
| 1965 | 263 | 1,483 | 534 | 54 | 108 | 77 | 645 | 1,418 | NA | 9 | NA | 789 | 3,961 | 1,884 | 5,845 |
| 1970 | 163 | 2,455 | 587 | 61 | 141 | 86 | 714 | 1,590 | NA | 8 | NA | 1,201 | 5,416 | R 2,908 | R 8,324 |
| 1975 | 146 | 2,556 | 587 | 49 | 125 | 89 | 492 | 1,342 | NA | 8 | NA | 1,598 | 5,650 | R 3,835 | R 9,485 |
| 1980 | 117 | 2,666 | 518 | 41 | 84 | 107 | 565 | 1,314 | NA | 21 | NA | 1,906 | 5,990 | R 4,582 | R 10,572 |
| 1985 | 138 | 2,503 | 631 | 33 | 89 | 96 | 228 | 1,077 | NA | 24 | NA | 2,351 | 6,062 | R 5,388 | R 11,450 |
| 1990 | 124 | 2,698 | 536 | 12 | 97 | 111 | 230 | 985 | 1 | 94 | 3 | 2,860 | 6,735 | R 6,569 | R 13,304 |
| 1995 | 116 | 3,117 | 479 | 22 | 103 | 18 | 141 | 763 | 1 | 113 | 5 | 3,252 | 7,341 | R 7,343 | R 14,684 |
| 1996 | 120 | 3,251 | 483 | 21 | 115 | 27 | 137 | 783 | 1 | 129 | 5 | 3,344 | 7,607 | R 7,559 | R 15,166 |
| 1997 | 129 | 3,306 | 444 | 25 | 113 | 43 | 111 | 736 | 1 | 131 | 6 | 3,503 | 7,788 | R 7,888 | R 15,676 |
| 1998 | 101 | 3,098 | 429 | 31 | 111 | 39 | 85 | 695 | 1 | 118 | 7 | 3,678 | 7,676 | R 8,290 | R 15,966 |
| 1999 | 102 | 3,132 | 438 | 27 | 132 | 28 | 73 | 699 | 1 | 121 | 7 | 3,766 | 7,807 | R 8,561 | R 16,368 |
| 2000 | 86 | 3,254 | 491 | 30 | 141 | 45 | 92 | 798 | 1 | 119 | 8 | 3,956 | 8,201 | R 8,948 | R 17,149 |
| 2001 | 88 | 3,109 | 508 | 31 | 134 | 37 | 70 | 782 | 1 | 91 | 8 | 4,063 | 8,122 | R 9,003 | R 17,126 |
| 2002 | 88 | 3,223 | 444 | 16 | 133 | 45 | 80 | 718 | (s) | 95 | 9 | 4,110 | 8,226 | R 9,111 | R 17,337 |
| 2003 | 83 | 3,271 | 481 | 19 | 148 | 60 | 111 | 820 | 1 | 100 | 11 | 4,090 | 8,360 | R 8,973 | R 17,333 |
| 2004 | 103 | 3,211 | 470 | 20 | 143 | 45 | 122 | 802 | 1 | 105 | 12 | 4,198 | 8,417 | R 9,233 | R 17,651 |
| 2005 | 96 | 3,083 | 447 | 22 | 124 | 46 | 116 | 755 | 1 | 104 | 14 | 4,351 | 8,388 | R 9,461 | R 17,849 |
| 2006 | 64 | 2,908 | 401 | 15 | 116 | 49 | 75 | 656 | 1 | 101 | 14 | 4,435 | 8,165 | R 9,534 | R 17,699 |
| 2007 | 70 | 3,096 | 384 | 9 | 114 | 61 | 75 | 644 | 1 | 100 | 14 | 4,560 | 8,472 | R 9,779 | R 18,251 |
| 2008 | 72 | R 3,235 | R 372 | 4 | 148 | 46 | 73 | R 643 | 1 | 107 | 15 | 4,558 | R 8,619 | R 9,755 | R 18,374 |
| 2009 | 66 | 3,199 | 413 | 4 | 129 | 53 | 76 | 675 | 1 | 109 | 17 | 4,460 | 8,512 | 9,384 | 17,896 |

^a Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.
^b Liquefied petroleum gases.
^c Beginning in 1993, includes fuel ethanol blended into motor gasoline.
^d Includes small amounts of petroleum coke not shown separately.
^e Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.
^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.
^g Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
^h Small amounts of solar thermal and photovoltaic energy consumed in the commercial sector cannot be separately identified and are included in residential consumption. From 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. Beginning in 1980, adjusted for the

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 net energy and total.
ⁱ Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.
kWh = Kilowatthours. -- = Not applicable. NA = Not available.
Where shown, R = Revised data and (s) = Value less than 0.5.
Notes: Totals may not equal sum of components due to independent rounding. • The commercial sector includes commercial combined-heat-and-power (CHP) and commercial electricity-only plants. • The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.
Web Page: All data are available at <http://www.eia.gov/state/seds/seds-data-complete.cfm>.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT6. Industrial Sector Energy Consumption Estimates, Selected Years, 1960-2009, United States

| Year | Coal Million Short Tons | Net Imports of Coal Coke (s) | Natural Gas ^a Billion Cubic Feet | Petroleum | | | | | | Hydro-electric Power ^{e,f} Billion kWh | Biomass | | Geo-thermal ^f | Retail Electricity Sales | Net Energy ^{f,i} | Electrical System Energy Losses ^j | Total ^{f,i} |
|------|----------------------------|---------------------------------|--|---------------------|------------------|-----------------------------|-------------------|--------------------|---------|--|-------------------------------|-------------------------------------|--------------------------|--------------------------|---------------------------|--|----------------------|
| | | | | Distillate Fuel Oil | LPG ^b | Motor Gasoline ^c | Residual Fuel Oil | Other ^d | Total | | Wood and Waste ^{l,g} | Losses and Co-products ^h | | Billion kWh | | | |
| | | | | | | | | | | | | | | Million Barrels | | | |
| 1960 | 177 | (s) | 5,771 | 174 | 122 | 73 | 252 | 370 | 991 | 4 | -- | -- | -- | 324 | -- | -- | -- |
| 1965 | 201 | -1 | 7,112 | 197 | 172 | 65 | 252 | 499 | 1,185 | 3 | -- | -- | -- | 429 | -- | -- | -- |
| 1970 | 187 | -2 | 9,249 | 211 | 255 | 55 | 258 | 611 | 1,390 | 3 | -- | -- | -- | 571 | -- | -- | -- |
| 1975 | 147 | 1 | 8,365 | 230 | 308 | 43 | 240 | 653 | 1,474 | 3 | -- | -- | -- | 688 | -- | -- | -- |
| 1980 | 127 | -1 | 8,198 | 227 | 429 | 30 | 215 | 871 | 1,772 | 3 | -- | -- | -- | 815 | -- | -- | -- |
| 1985 | 116 | -1 | 6,867 | 192 | 469 | 41 | 119 | 662 | 1,484 | 3 | -- | -- | -- | 837 | -- | -- | -- |
| 1990 | 115 | (s) | 8,255 | 198 | 444 | 35 | 65 | 829 | 1,571 | 3 | -- | -- | -- | 946 | -- | -- | -- |
| 1995 | 106 | 2 | 9,384 | 194 | 557 | 38 | 54 | 833 | 1,677 | 5 | -- | -- | -- | 1,013 | -- | -- | -- |
| 1996 | 103 | 1 | 9,685 | 204 | 578 | 38 | 53 | 890 | 1,764 | 6 | -- | -- | -- | 1,034 | -- | -- | -- |
| 1997 | 102 | 2 | 9,714 | 207 | 590 | 41 | 46 | 924 | 1,808 | 6 | -- | -- | -- | 1,038 | -- | -- | -- |
| 1998 | 96 | 3 | 9,493 | 208 | 567 | 38 | 37 | 919 | 1,768 | 5 | -- | -- | -- | 1,051 | -- | -- | -- |
| 1999 | 93 | 2 | 9,158 | 204 | 624 | 29 | 33 | 948 | 1,838 | 5 | -- | -- | -- | 1,058 | -- | -- | -- |
| 2000 | 94 | 3 | 9,293 | 206 | 630 | 29 | 38 | 892 | 1,795 | 4 | -- | -- | -- | 1,064 | -- | -- | -- |
| 2001 | 91 | 1 | 8,463 | 223 | 568 | 57 | 32 | 905 | 1,786 | 3 | -- | -- | -- | 997 | -- | -- | -- |
| 2002 | 84 | 2 | 8,620 | 207 | 609 | 59 | 30 | 896 | 1,801 | 4 | -- | -- | -- | 990 | -- | -- | -- |
| 2003 | 86 | 2 | 8,273 | 195 | 570 | 62 | 35 | 927 | 1,790 | 4 | -- | -- | -- | 1,012 | -- | -- | -- |
| 2004 | 86 | 6 | 8,341 | 208 | 602 | 71 | 40 | 989 | 1,911 | 3 | -- | -- | -- | 1,018 | -- | -- | -- |
| 2005 | 84 | 2 | 7,709 | 217 | 566 | 68 | 45 | 966 | 1,862 | 3 | -- | -- | -- | 1,019 | -- | -- | -- |
| 2006 | 82 | 2 | 7,654 | 217 | 594 | 72 | 38 | 975 | 1,895 | 3 | -- | -- | -- | 1,011 | -- | -- | -- |
| 2007 | 79 | 1 | 7,874 | 217 | 598 | 59 | 31 | 941 | 1,845 | 2 | -- | -- | -- | 1,028 | -- | -- | -- |
| 2008 | 76 | 2 | R 7,881 | R 219 | R 519 | 48 | 32 | 837 | R 1,655 | 2 | -- | -- | -- | 1,009 | -- | -- | -- |
| 2009 | 61 | -1 | 7,442 | 190 | 563 | 47 | 17 | 744 | 1,560 | 2 | -- | -- | -- | 917 | -- | -- | -- |

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|------|-------|-----|---------|---------|-------|-----|-------|-------|---------|----|-------|-----|----|-------|----------|---------|----------|
| 1960 | 4,548 | -6 | 5,973 | 1,016 | 489 | 381 | 1,584 | 2,278 | 5,748 | 39 | 680 | NA | NA | 1,107 | 18,089 | 2,738 | 20,827 |
| 1965 | 5,134 | -18 | 7,350 | 1,150 | 688 | 342 | 1,582 | 3,026 | 6,789 | 33 | 855 | NA | NA | 1,463 | 21,606 | R 3,492 | R 25,098 |
| 1970 | 4,664 | -58 | 9,498 | 1,226 | 964 | 288 | 1,624 | 3,686 | 7,788 | 34 | 1,019 | NA | NA | 1,948 | 24,892 | R 4,712 | R 29,604 |
| 1975 | 3,658 | 14 | 8,571 | 1,339 | 1,144 | 223 | 1,509 | 3,932 | 8,148 | 32 | 1,063 | NA | NA | 2,346 | 23,832 | R 5,629 | R 29,461 |
| 1980 | 3,155 | -35 | 8,409 | 1,324 | 1,577 | 158 | 1,349 | 5,119 | 9,527 | 33 | 1,600 | NA | NA | 2,781 | 25,423 | R 6,683 | R 32,106 |
| 1985 | 2,777 | -13 | 7,096 | 1,119 | 1,690 | 218 | 748 | 3,966 | 7,741 | 33 | 1,875 | 42 | NA | 2,855 | R 22,367 | R 6,538 | R 28,905 |
| 1990 | 2,754 | 5 | 8,520 | 1,150 | 1,608 | 185 | 411 | 4,922 | 8,277 | 31 | 1,634 | 49 | 2 | 3,226 | R 24,457 | R 7,409 | R 31,866 |
| 1995 | 2,500 | 61 | 9,678 | 1,131 | 2,019 | 200 | 337 | 4,930 | 8,617 | 55 | 1,847 | 86 | 3 | 3,455 | R 26,262 | R 7,801 | R 34,064 |
| 1996 | 2,438 | 23 | 9,999 | 1,187 | 2,089 | 200 | 335 | 5,245 | 9,056 | 61 | 1,907 | 61 | 3 | 3,527 | R 27,035 | R 7,971 | R 35,007 |
| 1997 | 2,396 | 46 | 10,109 | 1,203 | 2,134 | 212 | 291 | 5,450 | 9,290 | 58 | 1,915 | 80 | 3 | 3,542 | R 27,402 | R 7,976 | R 35,378 |
| 1998 | 2,254 | 67 | 9,882 | 1,211 | 2,048 | 199 | 230 | 5,427 | 9,116 | 55 | 1,784 | 86 | 3 | 3,587 | R 26,794 | R 8,084 | R 34,878 |
| 1999 | 2,188 | 58 | 9,438 | 1,187 | 2,256 | 152 | 207 | 5,594 | 9,396 | 49 | 1,791 | 90 | 4 | 3,611 | R 26,587 | R 8,208 | R 34,795 |
| 2000 | 2,259 | 65 | 9,459 | 1,200 | 2,271 | 150 | 241 | 5,257 | 9,119 | 42 | 1,781 | 99 | 4 | 3,631 | R 26,429 | R 8,213 | R 34,642 |
| 2001 | 2,194 | 29 | 8,674 | 1,300 | 2,054 | 295 | 203 | 5,368 | 9,220 | 33 | 1,571 | 108 | 5 | 3,400 | R 25,202 | R 7,534 | R 32,736 |
| 2002 | 2,020 | 61 | 8,845 | 1,204 | 2,200 | 309 | 190 | 5,308 | 9,211 | 39 | 1,543 | 130 | 5 | 3,379 | R 25,206 | R 7,489 | R 32,696 |
| 2003 | 2,044 | 51 | 8,510 | 1,136 | 2,068 | 324 | 220 | 5,491 | 9,240 | 43 | 1,506 | 169 | 3 | 3,454 | R 24,994 | R 7,577 | R 32,571 |
| 2004 | 2,046 | 138 | 8,559 | 1,214 | 2,180 | 372 | 249 | 5,854 | 9,870 | 33 | 1,608 | 203 | 4 | 3,473 | R 25,909 | R 7,637 | R 33,546 |
| 2005 | 1,954 | 44 | 7,926 | 1,264 | 2,047 | 356 | 281 | 5,729 | 9,678 | 32 | 1,600 | 230 | 4 | 3,477 | R 24,922 | R 7,561 | R 32,483 |
| 2006 | 1,914 | 61 | 7,866 | 1,263 | 2,140 | 376 | 239 | 5,797 | 9,816 | 29 | 1,602 | 285 | 4 | 3,451 | R 25,000 | R 7,417 | R 32,417 |
| 2007 | 1,864 | 25 | 8,094 | 1,265 | 2,146 | 306 | 193 | 5,591 | 9,501 | 16 | 1,557 | 376 | 5 | 3,507 | R 24,918 | R 7,521 | R 32,440 |
| 2008 | 1,792 | 41 | R 8,092 | R 1,277 | 1,870 | 250 | 199 | 4,974 | R 8,570 | 17 | 1,487 | 531 | 5 | 3,444 | R 23,952 | R 7,370 | R 31,322 |
| 2009 | 1,394 | -24 | 7,628 | 1,107 | 2,002 | 244 | 106 | 4,422 | 7,881 | 18 | 1,352 | 616 | 4 | 3,130 | 21,973 | 6,586 | 28,559 |

^a Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.
^b Liquefied petroleum gases.
^c Beginning in 1993, includes fuel ethanol blended into motor gasoline.
^d Includes asphalt and road oil, kerosene, lubricants, and the 16 other petroleum products as described in the Technical Notes, Section 4, "Other Petroleum Products."
^e Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.
^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.
^g Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
^h Losses and co-products from the production of fuel ethanol.
ⁱ From 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline

column. Beginning in 1980, adjusted for the 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 net energy and total.
^j Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.
kWh = Kilowatt-hours. -- = Not applicable. NA = Not available.
Where shown, R = Revised data and (s) = Value less than +0.5 and greater than -0.5.
Notes: Totals may not equal sum of components due to independent rounding. • The industrial sector includes industrial combined-heat-and-power (CHP) and industrial electricity-only plants. • The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. See the Technical Notes for each type of energy.
Web Page: All data are available at <http://www.eia.gov/state/seds/seds-data-complete.cfm>.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT7. Transportation Sector Energy Consumption Estimates, Selected Years, 1960-2009, United States

| Year | Coal Million Short Tons | Natural Gas ^a Billion Cubic Feet | Petroleum | | | | | | | | Retail Electricity Sales Billion Kilowatthours | Net Energy ^{e,f} | Electrical System Energy Losses ^g | Total ^{e,f} |
|------|----------------------------|--|-------------------|---------------------|-----------------------|------------------|------------|-----------------------------|-------------------|---------|---|---------------------------|--|----------------------|
| | | | Aviation Gasoline | Distillate Fuel Oil | Jet Fuel ^b | LPG ^c | Lubricants | Motor Gasoline ^d | Residual Fuel Oil | Total | | | | |
| | | | Million Barrels | | | | | | | | | | | |
| 1960 | 3 | 347 | 59 | 153 | 136 | 5 | 25 | 1,367 | 134 | 1,880 | 3 | -- | -- | -- |
| 1965 | 1 | 501 | 44 | 188 | 220 | 8 | 24 | 1,596 | 123 | 2,203 | 3 | -- | -- | -- |
| 1970 | (s) | 722 | 20 | 269 | 353 | 12 | 24 | 2,040 | 121 | 2,839 | 3 | -- | -- | -- |
| 1975 | (s) | 583 | 14 | 364 | 362 | 11 | 26 | 2,377 | 113 | 3,267 | 3 | -- | -- | -- |
| 1980 | 0 | 635 | 13 | 480 | 389 | 5 | 28 | 2,357 | 222 | 3,494 | 3 | -- | -- | -- |
| 1985 | 0 | 504 | 10 | 544 | 445 | 8 | 26 | 2,434 | 125 | 3,591 | 4 | -- | -- | -- |
| 1990 | 0 | 660 | 9 | 629 | 556 | 6 | 29 | 2,584 | 162 | 3,974 | 5 | -- | -- | -- |
| 1995 | 0 | 705 | 8 | 720 | 553 | 5 | 28 | 2,801 | 145 | 4,259 | 5 | -- | -- | -- |
| 1996 | 0 | 718 | 7 | 767 | 578 | 4 | 27 | 2,845 | 135 | 4,363 | 5 | -- | -- | -- |
| 1997 | 0 | 760 | 8 | 802 | 583 | 4 | 28 | 2,877 | 113 | 4,416 | 5 | -- | -- | -- |
| 1998 | 0 | 645 | 7 | 826 | 592 | 5 | 30 | 2,967 | 107 | 4,533 | 5 | -- | -- | -- |
| 1999 | 0 | 657 | 8 | 859 | 611 | 4 | 30 | 3,043 | 106 | 4,659 | 5 | -- | -- | -- |
| 2000 | 0 | 655 | 7 | 887 | 631 | 3 | 30 | 3,063 | 141 | 4,762 | 5 | -- | -- | -- |
| 2001 | 0 | 640 | 7 | 908 | 604 | 4 | 27 | 3,079 | 93 | 4,722 | 5 | -- | -- | -- |
| 2002 | 0 | 682 | 7 | 926 | 589 | 4 | 27 | 3,161 | 108 | 4,821 | 6 | -- | -- | -- |
| 2003 | 0 | 610 | 6 | 973 | 576 | 4 | 25 | 3,187 | 91 | 4,862 | 7 | -- | -- | -- |
| 2004 | 0 | 587 | 6 | 1,018 | 597 | 5 | 25 | 3,253 | 118 | 5,021 | 7 | -- | -- | -- |
| 2005 | 0 | 607 | 7 | 1,043 | 613 | 7 | 25 | 3,266 | 133 | 5,094 | 8 | -- | -- | -- |
| 2006 | 0 | 608 | 7 | 1,101 | 596 | 7 | 24 | 3,296 | 144 | 5,175 | 7 | -- | -- | -- |
| 2007 | 0 | 646 | 6 | 1,108 | 592 | 6 | 25 | 3,319 | 158 | 5,215 | 8 | -- | -- | -- |
| 2008 | 0 | R 674 | 6 | R 1,034 | 563 | 10 | 23 | 3,233 | 146 | R 5,016 | 8 | -- | -- | -- |
| 2009 | 0 | 627 | 5 | 949 | 509 | 7 | 21 | 3,227 | 129 | 4,847 | 8 | -- | -- | -- |

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|--------------|----|-------|-----|---------|-------|------|-----|--------|-------|----------|------|----------|------|----------|
| 1960 | 76 | 359 | 298 | 892 | 739 | 20 | 152 | 7,183 | 844 | 10,126 | 10 | 10,572 | 26 | 10,597 |
| 1965 | 16 | 518 | 222 | 1,093 | 1,215 | 33 | 149 | 8,386 | 770 | 11,868 | 10 | 12,412 | 24 | 12,435 |
| 1970 | 7 | 740 | 100 | 1,569 | 1,973 | 44 | 147 | 10,716 | 761 | 15,310 | 11 | 16,068 | 26 | R 16,093 |
| 1975 | 1 | 595 | 71 | 2,121 | 2,029 | 42 | 155 | 12,485 | 711 | 17,614 | 10 | 18,219 | 24 | 18,244 |
| 1980 | 0 | 650 | 64 | 2,795 | 2,179 | 17 | 172 | 12,383 | 1,398 | 19,009 | 11 | 19,669 | 27 | 19,696 |
| 1985 | 0 | 521 | 50 | 3,170 | 2,497 | 28 | 156 | 12,784 | 786 | 19,471 | 14 | R 20,055 | R 32 | R 20,087 |
| 1990 | 0 | 683 | 45 | 3,661 | 3,129 | 22 | 176 | 13,575 | 1,016 | 21,625 | 16 | R 22,384 | R 37 | R 22,421 |
| 1995 | 0 | 728 | 40 | 4,195 | 3,132 | 17 | 168 | 14,607 | 911 | 23,069 | 17 | 23,814 | R 38 | R 23,852 |
| 1996 | 0 | 740 | 37 | 4,469 | 3,274 | 15 | 163 | 14,837 | 851 | 23,647 | 17 | 24,404 | 38 | 24,442 |
| 1997 | 0 | 790 | 40 | 4,672 | 3,308 | 13 | 172 | 14,999 | 712 | 23,917 | 17 | 24,723 | 38 | 24,761 |
| 1998 | 0 | 667 | 35 | 4,812 | 3,357 | 17 | 180 | 15,463 | 674 | 24,537 | 17 | 25,221 | 38 | 25,259 |
| 1999 | 0 | 675 | 39 | 5,001 | 3,462 | 13 | 182 | 15,855 | 665 | 25,218 | 17 | 25,911 | 40 | 25,951 |
| 2000 | 0 | 672 | 36 | 5,165 | 3,580 | 11 | 179 | 15,960 | 888 | 25,820 | 18 | 26,510 | 42 | 26,551 |
| 2001 | 0 | 656 | 35 | 5,292 | 3,426 | 13 | 164 | 16,041 | 586 | 25,556 | 19 | 26,230 | R 41 | 26,272 |
| 2002 | 0 | 699 | 34 | 5,392 | 3,340 | 13 | 162 | 16,465 | 677 | 26,084 | 19 | 26,802 | 42 | R 26,843 |
| 2003 | 0 | 627 | 30 | 5,666 | 3,265 | 16 | 150 | 16,597 | 571 | 26,296 | R 23 | 26,947 | 52 | R 26,998 |
| 2004 | 0 | 603 | 31 | 5,932 | 3,383 | 18 | 152 | 16,962 | 740 | 27,218 | 25 | 27,845 | R 54 | R 27,899 |
| 2005 | 0 | 625 | 35 | 6,076 | 3,475 | 27 | 151 | 17,043 | 837 | 27,644 | 26 | 28,294 | 56 | R 28,350 |
| 2006 | 0 | 627 | 33 | 6,414 | 3,379 | 26 | 147 | 17,197 | 906 | 28,103 | 25 | 28,755 | R 54 | R 28,809 |
| 2007 | 0 | 667 | 32 | 6,457 | 3,358 | 21 | 152 | 17,321 | 994 | 28,334 | 28 | R 29,028 | 60 | R 29,088 |
| 2008 | 0 | R 694 | 28 | R 6,020 | 3,193 | R 38 | 141 | 16,872 | 920 | R 27,212 | 26 | R 27,932 | R 56 | R 27,988 |
| 2009 | 0 | 645 | 27 | 5,528 | 2,883 | 26 | 127 | 16,837 | 810 | 26,238 | 27 | 26,910 | 56 | 26,966 |

^a Transportation use of natural gas is gas consumed in the operation of pipelines, primarily in compressors, and, since 1990, natural gas consumed as vehicle fuel.

^b Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Industrial sector, Other Petroleum."

^c Liquefied petroleum gases.

^d Beginning in 1993, motor gasoline includes fuel ethanol blended into the product.

^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.

^f From 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.

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

-- = Not applicable.

Where shown, R = Revised data and (s) = Value less than 0.5.

Notes: Totals may not equal sum of components due to independent rounding. • The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at <http://www.eia.gov/state/seds/seds-data-complete.cfm>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT8. Electric Power Sector Consumption Estimates, Selected Years, 1960-2009, United States

| Year | Coal Million Short Tons | Natural Gas ^a Billion Cubic Feet | Petroleum | | | | Nuclear Electric Power | Hydroelectric Power ^d | Biomass Wood and Waste ^{e,f} | Geothermal ^f | Solar/PV ^{f,g} | Wind ^f | Electricity Net Imports ^h | Total ⁱ |
|------|----------------------------|--|--------------------------------|----------------------------------|----------------|-------|------------------------|----------------------------------|--|-------------------------|-------------------------|-------------------|--------------------------------------|--------------------|
| | | | Residual Fuel Oil ^b | Distillate Fuel Oil ^c | Petroleum Coke | Total | | | | | | | | |
| | | | Million Barrels | | | | | | | | | | | |
| 1960 | 177 | 1,725 | 84 | 4 | 0 | 88 | 1 | 146 | -- | (s) | NA | NA | 5 | -- |
| 1965 | 245 | 2,321 | 110 | 5 | 0 | 115 | 4 | 194 | -- | (s) | NA | NA | (s) | -- |
| 1970 | 320 | 3,932 | 311 | 24 | 3 | 339 | 22 | 248 | -- | 1 | NA | NA | 2 | -- |
| 1975 | 406 | 3,158 | 467 | 39 | (s) | 506 | 173 | 300 | -- | 3 | NA | NA | 6 | -- |
| 1980 | 569 | 3,682 | 391 | 29 | 1 | 421 | 251 | 276 | -- | 5 | NA | NA | 21 | -- |
| 1985 | 694 | 3,044 | 159 | 15 | 1 | 175 | 384 | 281 | -- | 9 | (s) | (s) | 41 | -- |
| 1990 | 783 | 3,245 | 185 | 17 | 5 | 207 | 577 | 290 | -- | 15 | (s) | 3 | 2 | -- |
| 1995 | 850 | 4,237 | 90 | 19 | 13 | 122 | 673 | 305 | -- | 13 | (s) | 3 | 39 | -- |
| 1996 | 897 | 3,807 | 100 | 19 | 13 | 132 | 675 | 341 | -- | 14 | 1 | 3 | 40 | -- |
| 1997 | 921 | 4,065 | 114 | 19 | 17 | 150 | 629 | 351 | -- | 15 | 1 | 3 | 34 | -- |
| 1998 | 937 | 4,588 | 167 | 23 | 21 | 210 | 674 | 318 | -- | 15 | 1 | 3 | 26 | -- |
| 1999 | 941 | 4,820 | 152 | 24 | 19 | 195 | 728 | 315 | -- | 15 | (s) | 4 | 29 | -- |
| 2000 | 986 | 5,206 | 139 | 30 | 16 | 185 | 754 | 271 | -- | 14 | (s) | 6 | 34 | -- |
| 2001 | 964 | 5,342 | 160 | 29 | 17 | 206 | 769 | 214 | -- | 14 | 1 | 7 | 22 | -- |
| 2002 | 978 | 5,672 | 105 | 22 | 29 | 156 | 780 | 260 | -- | 14 | 1 | 10 | 21 | -- |
| 2003 | 1,005 | 5,135 | 138 | 28 | 29 | 195 | 764 | 272 | -- | 14 | 1 | 11 | 6 | -- |
| 2004 | 1,016 | 5,464 | 140 | 19 | 37 | 196 | 789 | 265 | -- | 15 | 1 | 14 | 11 | -- |
| 2005 | 1,037 | 5,869 | 139 | 20 | 40 | 199 | 782 | 267 | -- | 15 | 1 | 18 | 25 | -- |
| 2006 | 1,027 | 6,222 | 57 | 13 | 36 | 105 | 787 | 286 | -- | 15 | 1 | 27 | 18 | -- |
| 2007 | 1,045 | 6,841 | 63 | 15 | 28 | 107 | 806 | 246 | -- | 15 | 1 | 34 | 31 | -- |
| 2008 | 1,041 | 6,668 | 38 | 13 | 26 | 76 | 806 | 253 | -- | 15 | 1 | 55 | 33 | -- |
| 2009 | 934 | 6,872 | 29 | 12 | 23 | 64 | 799 | 272 | -- | 15 | 1 | 74 | 34 | -- |

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|------|--------|-------|-------|-----|-----|-------|-------|-------|-----|-------|-----|-----|-----|----------|
| 1960 | 4,227 | 1,785 | 530 | 22 | 0 | 553 | 6 | 1,569 | 2 | R (s) | NA | NA | 15 | 8,157 |
| 1965 | 5,821 | 2,408 | 693 | 29 | 0 | 722 | 43 | 2,026 | 3 | R 2 | NA | NA | (s) | R 11,026 |
| 1970 | 7,228 | 4,048 | 1,958 | 141 | 19 | 2,117 | 239 | 2,600 | 4 | R 6 | NA | NA | 7 | R 16,248 |
| 1975 | 8,789 | 3,232 | 2,937 | 226 | 2 | 3,166 | 1,900 | 3,122 | 2 | R 34 | NA | NA | 21 | R 20,266 |
| 1980 | 12,158 | 3,804 | 2,459 | 169 | 5 | 2,634 | 2,739 | 2,867 | 4 | R 53 | NA | NA | 71 | R 24,324 |
| 1985 | 14,586 | 3,157 | 998 | 85 | 7 | 1,090 | 4,076 | 2,937 | 14 | R 97 | (s) | (s) | 140 | R 26,094 |
| 1990 | 16,259 | 3,333 | 1,163 | 97 | 30 | 1,289 | 6,104 | 3,014 | 317 | R 161 | 4 | 29 | 8 | R 30,510 |
| 1995 | 17,465 | 4,327 | 566 | 108 | 81 | 755 | 7,075 | 3,149 | 422 | R 138 | 5 | 33 | 134 | R 33,495 |
| 1996 | 18,428 | 3,882 | 628 | 109 | 80 | 817 | 7,087 | 3,528 | 438 | R 148 | 5 | 33 | 137 | R 34,497 |
| 1997 | 18,903 | 4,147 | 715 | 111 | 102 | 927 | 6,597 | 3,581 | 446 | R 150 | 5 | 34 | 116 | R 34,899 |
| 1998 | 19,216 | 4,698 | 1,047 | 136 | 124 | 1,306 | 7,068 | 3,241 | 444 | R 151 | 5 | 31 | 88 | R 36,240 |
| 1999 | 19,279 | 4,924 | 959 | 140 | 112 | 1,211 | 7,610 | 3,218 | 453 | R 152 | 5 | 46 | 99 | R 36,990 |
| 2000 | 20,220 | 5,318 | 871 | 175 | 99 | 1,144 | 7,862 | 2,768 | 453 | R 144 | 5 | 57 | 115 | R 38,079 |
| 2001 | 19,614 | 5,496 | 1,003 | 171 | 103 | 1,277 | 8,029 | 2,209 | 337 | R 142 | 6 | 70 | 75 | R 37,245 |
| 2002 | 19,783 | 5,789 | 659 | 127 | 175 | 961 | 8,145 | 2,650 | 380 | R 147 | 6 | 105 | 72 | R 38,035 |
| 2003 | 20,185 | 5,259 | 869 | 161 | 175 | 1,205 | 7,959 | 2,781 | 397 | R 148 | 5 | 115 | 22 | R 38,072 |
| 2004 | 20,305 | 5,609 | 879 | 111 | 222 | 1,212 | 8,222 | 2,656 | 388 | R 148 | 6 | 142 | 39 | R 38,724 |
| 2005 | 20,737 | 6,036 | 876 | 115 | 243 | 1,235 | 8,161 | 2,670 | 406 | R 147 | 6 | 178 | 84 | R 39,653 |
| 2006 | 20,461 | 6,394 | 361 | 74 | 214 | 648 | 8,215 | 2,839 | 412 | R 145 | 5 | 264 | 63 | R 39,441 |
| 2007 | 20,807 | 7,028 | 397 | 89 | 171 | 657 | 8,455 | 2,430 | 423 | R 145 | 6 | 341 | 107 | R 40,393 |
| 2008 | 20,513 | 6,849 | 240 | 73 | 154 | 468 | 8,427 | 2,494 | 435 | R 146 | 9 | 546 | 112 | R 39,994 |
| 2009 | 18,226 | 7,043 | 181 | 70 | 139 | 390 | 8,356 | 2,650 | 441 | 146 | 9 | 721 | 116 | 38,094 |

^a Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.
^b Prior to 1980, based on oil used in steam plants. For 1980 through 2000, residual fuel oil includes fuel oil Nos. 4, 5, and 6.
^c Prior to 1980, based on oil used in internal combustion and gas turbine engine plants. For 1980 through 2000, distillate fuel oil includes fuel oil Nos. 1 and 2, and small amounts of kerosene and jet fuel.
^d Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.
^e Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
^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.
^g Solar thermal and photovoltaic energy.
^h Electricity traded with Canada and Mexico.

ⁱ Beginning in 1980, adjusted for the 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 net energy and total. -- = Not applicable. NA = Not available.
 Where shown, R = Revised data and (s) = Value less than +0.5 and greater than -0.5.
 Notes: Totals may not equal sum of components due to independent rounding. • The electric power sector comprises 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 include independent power producers. • The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. See the Technical Notes for each type of energy.
 Web Page: All data are available at <http://www.eia.gov/state/seds/seds-data-complete.cfm>.
 Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.