

Table CT1. Energy Consumption Estimates for Selected Energy Sources in Physical Units, Selected Years, 1960-2020, Iowa

| Year | Coal Thousand Short Tons | Natural Gas ^a Billion Cubic Feet | Petroleum | | | | | | Nuclear Electric Power Million Kilowatthours | Hydro-electric Power ^g Million Kilowatthours | Fuel Ethanol ^h Thousand Barrels | Biodiesel Thousand Barrels | |
|------|-----------------------------|--|----------------------------------|------------------|-----------------------|-----------------------------|-------------------|--------------------|---|--|---|-------------------------------|------------------|
| | | | Distillate Fuel Oil ^b | HGL ^c | Jet Fuel ^d | Motor Gasoline ^e | Residual Fuel Oil | Other ^f | | | | | Total |
| | | | Thousand Barrels | | | | | | | | | | Thousand Barrels |
| 1960 | 5,258 | 187 | 11,163 | 5,017 | 195 | 29,463 | 1,071 | 6,288 | 53,197 | 0 | 881 | NA | NA |
| 1965 | 5,722 | 248 | 11,068 | 7,448 | 232 | 30,792 | 531 | 5,690 | 55,760 | 0 | 928 | NA | NA |
| 1970 | 6,166 | 349 | 13,677 | 11,038 | 725 | 35,701 | 401 | 4,986 | 66,528 | 0 | 935 | NA | NA |
| 1971 | 5,896 | 345 | 14,257 | 11,139 | 655 | 37,325 | 414 | 4,910 | 68,698 | 0 | 913 | NA | NA |
| 1972 | 6,945 | 345 | 14,941 | 12,506 | 730 | 38,404 | 509 | 4,948 | 72,038 | 0 | 993 | NA | NA |
| 1973 | 7,026 | 365 | 15,531 | 12,692 | 710 | 42,104 | 572 | 4,645 | 76,253 | 0 | 906 | NA | NA |
| 1974 | 6,173 | 368 | 14,825 | 13,369 | 749 | 38,847 | 697 | 4,535 | 73,022 | 1,330 | 891 | NA | NA |
| 1975 | 6,407 | 346 | 14,553 | 13,645 | 835 | 39,042 | 608 | 3,966 | 72,649 | 2,291 | 879 | NA | NA |
| 1976 | 8,311 | 311 | 15,088 | 18,586 | 964 | 40,738 | 931 | 4,679 | 80,987 | 2,479 | 645 | NA | NA |
| 1977 | 9,175 | 280 | 15,977 | 17,854 | 1,004 | 41,237 | 1,096 | 4,853 | 82,020 | 2,888 | 780 | NA | NA |
| 1978 | 10,110 | 238 | 16,915 | 15,698 | 1,127 | 40,927 | 921 | 5,160 | 80,749 | 1,209 | 930 | NA | NA |
| 1979 | 11,352 | 292 | 20,711 | 14,686 | 1,039 | 38,501 | 1,216 | 5,723 | 81,876 | 2,889 | 898 | NA | NA |
| 1980 | 12,340 | 270 | 15,930 | 11,167 | 813 | 35,394 | 415 | 3,805 | 67,523 | 2,563 | 946 | NA | NA |
| 1981 | 13,483 | 253 | 14,513 | 9,891 | 717 | 34,274 | 98 | 3,750 | 63,242 | 2,204 | 982 | 528 | NA |
| 1982 | 13,033 | 237 | 16,235 | 11,953 | 635 | 33,030 | 334 | 3,598 | 65,785 | 2,269 | 918 | 1,185 | NA |
| 1983 | 13,540 | 221 | 14,099 | 12,026 | 591 | 32,386 | 207 | 2,973 | 62,283 | 2,309 | 920 | 1,186 | NA |
| 1984 | 13,624 | 235 | 15,716 | 7,336 | 615 | 32,223 | 140 | 3,353 | 59,383 | 2,700 | 918 | 1,025 | NA |
| 1985 | 14,342 | 226 | 15,823 | 8,507 | 592 | 31,465 | 182 | 3,409 | 59,979 | 1,927 | 989 | 820 | NA |
| 1986 | 13,862 | 207 | 16,214 | 8,774 | 595 | 31,355 | 508 | 3,269 | 60,714 | 2,993 | 953 | 836 | NA |
| 1987 | 15,191 | 203 | 16,531 | 6,098 | 779 | 31,687 | 117 | 3,086 | 58,298 | 2,523 | 971 | 967 | NA |
| 1988 | 16,114 | 239 | 16,333 | 6,612 | 713 | 32,509 | 258 | 3,477 | 59,901 | 3,163 | 699 | 979 | NA |
| 1989 | 17,126 | 226 | 15,600 | 7,174 | 750 | 32,574 | 182 | 2,903 | 59,183 | 3,139 | 672 | 1,116 | NA |
| 1990 | 18,080 | 219 | 15,784 | 6,355 | 891 | 31,684 | 124 | 2,741 | 57,579 | 3,012 | 875 | 885 | NA |
| 1991 | 18,905 | 234 | 14,513 | 7,255 | 892 | 32,471 | 96 | 2,767 | 57,995 | 4,147 | 901 | 1,102 | NA |
| 1992 | 18,143 | 232 | 16,066 | 8,978 | 803 | 31,713 | 106 | 2,671 | 60,337 | 3,405 | 1,000 | 1,366 | NA |
| 1993 | 19,328 | 248 | 16,699 | 15,651 | 720 | 32,703 | 162 | 2,676 | 68,612 | 3,235 | 747 | 1,611 | NA |
| 1994 | 19,460 | 248 | 17,293 | 15,663 | 897 | 33,887 | 179 | 3,224 | 71,143 | 4,107 | 1,071 | 1,849 | NA |
| 1995 | 20,728 | 261 | 17,748 | 16,989 | 1,046 | 34,418 | 92 | 2,857 | 73,150 | 3,730 | 1,003 | 1,811 | NA |
| 1996 | 21,301 | 272 | 19,793 | 11,344 | 819 | 35,909 | 94 | 3,315 | 71,274 | 3,924 | 935 | 1,158 | NA |
| 1997 | 21,798 | 254 | 19,652 | 10,296 | 793 | 35,577 | 71 | 3,936 | 70,325 | 4,149 | 805 | 1,410 | NA |
| 1998 | 23,275 | 232 | 20,058 | 14,882 | 1,186 | 36,973 | 88 | 3,631 | 76,817 | 3,768 | 913 | 1,744 | NA |
| 1999 | 23,590 | 231 | 19,588 | 18,746 | 885 | 36,993 | 100 | 4,550 | 80,861 | 3,640 | 946 | 1,888 | NA |
| 2000 | 24,480 | 233 | 19,261 | 19,621 | 771 | 36,753 | 143 | 3,915 | 80,464 | 4,453 | 904 | 2,217 | NA |
| 2001 | 24,398 | 224 | 20,101 | 16,127 | 777 | 36,768 | 44 | 3,072 | 76,889 | 3,853 | 845 | 2,330 | 4 |
| 2002 | 24,676 | 226 | 19,706 | 18,317 | 782 | 38,004 | 62 | 3,593 | 80,464 | 4,574 | 946 | 2,391 | 6 |
| 2003 | 24,868 | 230 | 18,930 | 13,337 | 793 | 38,249 | 150 | 3,385 | 74,843 | 3,988 | 789 | 2,555 | 5 |
| 2004 | 24,975 | 227 | 20,407 | 18,974 | 910 | 39,445 | 282 | 4,115 | 84,132 | 4,929 | 946 | 2,701 | 10 |
| 2005 | 24,276 | 241 | 20,560 | 20,881 | 990 | 39,215 | 194 | 4,299 | 86,138 | 4,538 | 960 | 842 | 34 |
| 2006 | 24,607 | 238 | 21,313 | 21,192 | 1,033 | 40,429 | 47 | 3,828 | 87,842 | 5,095 | 909 | 765 | 98 |
| 2007 | 26,350 | 293 | 22,873 | 16,893 | 899 | 40,251 | 44 | 3,375 | 84,336 | 4,519 | 962 | 1,320 | 133 |
| 2008 | 27,894 | 326 | 23,026 | 20,523 | 786 | 39,281 | 170 | 3,246 | 87,034 | 5,282 | 819 | 2,356 | 114 |
| 2009 | 25,554 | 315 | 22,227 | 21,389 | 525 | 39,588 | 66 | 2,781 | 86,575 | 4,679 | 971 | 2,295 | 121 |
| 2010 | 28,393 | 311 | 23,781 | 19,838 | R 990 | 40,808 | 24 | R 2,359 | R 87,800 | 4,451 | 948 | 3,882 | 98 |
| 2011 | 26,466 | 307 | 24,092 | 19,308 | R 1,018 | 41,028 | 32 | R 2,240 | R 87,718 | 5,215 | 925 | 4,073 | 333 |
| 2012 | 24,305 | 295 | 23,929 | 15,584 | R 1,064 | 38,519 | 11 | 2,381 | R 81,487 | 4,347 | 766 | 3,784 | 554 |
| 2013 | 23,160 | 326 | 24,058 | 20,678 | R 974 | 39,115 | 6 | R 3,157 | R 87,989 | 5,321 | 749 | 3,718 | 690 |
| 2014 | 23,008 | 329 | 25,199 | 20,899 | R 953 | 39,744 | 6 | R 3,164 | R 89,967 | 4,152 | 879 | 4,090 | 794 |
| 2015 | 19,863 | 318 | 25,689 | 18,900 | R 1,051 | 39,469 | 0 | R 2,876 | R 87,985 | 5,243 | 960 | 4,540 | 893 |
| 2016 | 16,904 | 330 | 26,020 | 19,059 | R 1,045 | 41,192 | 1 | R 2,946 | R 90,264 | 4,703 | 917 | 4,683 | 1,091 |
| 2017 | 17,011 | 391 | 25,897 | 19,139 | R 1,139 | 37,618 | 17 | R 3,059 | R 86,868 | 5,214 | 1,034 | 4,325 | 1,369 |
| 2018 | 18,734 | 443 | 26,247 | 21,797 | R 1,143 | 37,266 | 11 | R 2,811 | R 89,276 | 4,895 | 925 | 4,239 | 1,382 |
| 2019 | 15,212 | R 438 | 27,369 | 23,688 | R 1,136 | R 36,992 | 16 | R 2,757 | R 91,957 | 5,236 | 796 | R 4,274 | 1,570 |
| 2020 | 10,397 | 403 | 27,187 | 21,893 | 795 | 32,656 | 0 | 3,372 | 85,902 | 2,905 | 1,025 | 3,768 | 1,589 |

^a Includes supplemental gaseous fuels that are commingled with natural gas.
^b Beginning in 2009, includes biodiesel blended into distillate fuel oil.
^c Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.
^d 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."
^e Beginning in 1993, includes fuel ethanol blended into motor gasoline.
^f Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.
^g Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

^h Includes denaturant. Because of differences in data sources and estimation methods, the ratio of fuel ethanol consumption and motor gasoline consumption should not be interpreted as the average ethanol blend rate.
 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 <https://www.eia.gov/state/seds/seds-data-complete.php>.
 Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.