

**Table CT1. Energy consumption estimates for selected energy sources in physical units, selected years, 1960-2022, South Dakota**

| Year | Coal<br>Thousand short tons | Natural gas <sup>a</sup><br>Billion cubic feet | Petroleum                        |                  |                       |                             |                   |                    |          | Nuclear electric power | Hydro-electric power <sup>g</sup><br>Million kilowatthours | Wind   | Fuel ethanol <sup>h</sup><br>Thousand barrels | Biodiesel<br>Thousand barrels |
|------|-----------------------------|--|----------------------------------|------------------|-----------------------|-----------------------------|-------------------|--------------------|----------|------------------------|--|--------|---|-------------------------------|
|      |                             |  | Distillate fuel oil <sup>b</sup> | HGL <sup>c</sup> | Jet fuel <sup>d</sup> | Motor gasoline <sup>e</sup> | Residual fuel oil | Other <sup>f</sup> | Total    |                        |  |        |   |                               |
|      |                             |  | Thousand barrels                 |                  |                       |                             |                   |                    |          |                        |  |        |   |                               |
| 1960 | 374                         | 25   | 2,941                            | 1,370            | 1,145                 | 8,561                       | 102               | 1,999              | 16,118   | 0                      | 1,156  | 0      | NA  | NA                            |
| 1965 | 310                         | 27   | 3,766                            | 1,541            | 1,111                 | 8,955                       | 71                | 1,437              | 16,881   | 0                      | 3,872  | 0      | NA  | NA                            |
| 1970 | 338                         | 36   | 4,375                            | 2,712            | 1,173                 | 9,903                       | 328               | 1,175              | 19,666   | 0                      | 6,579  | 0      | NA  | NA                            |
| 1971 | 335                         | 32   | 4,610                            | 2,675            | 1,207                 | 10,244                      | 211               | 1,221              | 20,168   | 0                      | 7,778  | 0      | NA  | NA                            |
| 1972 | 312                         | 34   | 4,536                            | 3,149            | 1,138                 | 10,771                      | 343               | 1,290              | 21,226   | 0                      | 7,432  | 0      | NA  | NA                            |
| 1973 | 385                         | 31   | 4,243                            | 2,922            | 1,071                 | 10,989                      | 234               | 1,518              | 20,977   | 0                      | 4,837  | 0      | NA  | NA                            |
| 1974 | 446                         | 32   | 3,691                            | 2,780            | 1,102                 | 10,702                      | 133               | 1,143              | 19,550   | 0                      | 5,661  | 0      | NA  | NA                            |
| 1975 | 1,888                       | 33   | 3,841                            | 2,930            | 1,056                 | 10,636                      | 218               | 1,104              | 19,784   | 0                      | 7,927  | 0      | NA  | NA                            |
| 1976 | 2,838                       | 39   | 3,334                            | 3,027            | 1,011                 | 10,944                      | 307               | 1,217              | 19,840   | 0                      | 7,052  | 0      | NA  | NA                            |
| 1977 | 2,732                       | 36   | 3,013                            | 3,773            | 1,083                 | 11,298                      | 284               | 974                | 20,425   | 0                      | 5,294  | 0      | NA  | NA                            |
| 1978 | 3,004                       | 35   | 3,718                            | 3,192            | 1,334                 | 11,417                      | 283               | 1,233              | 21,177   | 0                      | 6,831  | 0      | NA  | NA                            |
| 1979 | 2,771                       | 26   | 6,359                            | 2,453            | 1,326                 | 10,772                      | 221               | 1,089              | 22,219   | 0                      | 6,359  | 0      | NA  | NA                            |
| 1980 | 2,827                       | 24   | 4,801                            | 2,530            | 1,311                 | 9,688                       | 122               | 909                | 19,362   | 0                      | 5,818  | 0      | NA  | NA                            |
| 1981 | 2,759                       | 22   | 4,414                            | 1,779            | 1,136                 | 9,192                       | 158               | 808                | 17,487   | 0                      | 5,306  | 0      | 19  | NA                            |
| 1982 | 2,746                       | 25   | 5,076                            | 2,231            | 1,138                 | 9,060                       | 51                | 922                | 18,477   | 0                      | 5,426  | 0      | 33  | NA                            |
| 1983 | 2,409                       | 23   | 4,473                            | 2,245            | 956                   | 8,952                       | 136               | 813                | 17,574   | 0                      | 5,526  | 0      | 74  | NA                            |
| 1984 | 2,719                       | 25   | 5,106                            | 1,019            | 1,024                 | 8,885                       | 91                | 1,079              | 17,204   | 0                      | 5,722  | 0      | 93  | NA                            |
| 1985 | 2,703                       | 25   | 5,154                            | 1,241            | 1,019                 | 9,279                       | 36                | 1,114              | 17,843   | 0                      | 5,333  | 0      | 98  | NA                            |
| 1986 | 2,281                       | 23   | 6,239                            | 1,567            | 516                   | 9,004                       | 60                | 1,077              | 18,463   | 0                      | 5,736  | 0      | 138   | NA                            |
| 1987 | 1,101                       | 21   | 6,326                            | 2,358            | 669                   | 9,016                       | 55                | 934                | 19,359   | 0                      | 5,386  | 0      | 144   | NA                            |
| 1988 | 2,591                       | 24   | 6,450                            | 1,579            | 875                   | 9,175                       | 85                | 1,141              | 19,304   | 0                      | 5,286  | 0      | 141   | NA                            |
| 1989 | 2,541                       | 26   | 5,889                            | 3,623            | 1,024                 | 9,126                       | 66                | 1,038              | 20,765   | 0                      | 4,583  | 0      | 163   | NA                            |
| 1990 | 2,571                       | 25   | 5,939                            | 3,691            | 1,097                 | 8,986                       | 60                | 1,054              | 20,828   | 0                      | 3,934  | 0      | 142   | NA                            |
| 1991 | 2,863                       | 26   | 5,827                            | 1,794            | 367                   | 9,119                       | 67                | 1,001              | 18,175   | 0                      | 3,828  | 0      | 325   | NA                            |
| 1992 | 2,670                       | 27   | 5,495                            | 1,930            | 1,272                 | 9,345                       | 143               | 1,125              | 19,310   | 0                      | 3,612  | 0      | 424   | NA                            |
| 1993 | 2,696                       | 31   | 6,134                            | 2,591            | 1,190                 | 9,565                       | 115               | 876                | 20,472   | 0                      | 2,591  | 0      | 471   | NA                            |
| 1994 | 3,036                       | 31   | 6,516                            | 2,298            | 1,305                 | 9,839                       | 87                | 862                | 20,908   | 0                      | 5,129  | 0      | 540   | NA                            |
| 1995 | 2,537                       | 34   | 6,255                            | 2,294            | 1,463                 | 10,007                      | 14                | 1,050              | 21,082   | 0                      | 6,010  | 0      | 506   | NA                            |
| 1996 | 1,852                       | 37   | 6,537                            | 2,908            | 1,014                 | 10,148                      | 40                | 1,361              | 22,008   | 0                      | 7,978  | 0      | 357   | NA                            |
| 1997 | 2,442                       | 36   | 6,129                            | 2,627            | 697                   | 10,165                      | 64                | 1,582              | 21,264   | 0                      | 9,012  | 0      | 399   | NA                            |
| 1998 | 2,316                       | 33   | 5,874                            | 2,151            | 819                   | 10,440                      | 101               | 1,512              | 20,897   | 0                      | 5,758  | 0      | 458   | NA                            |
| 1999 | 2,649                       | 36   | 6,080                            | 1,988            | 770                   | 10,337                      | 88                | 2,123              | 21,385   | 0                      | 6,677  | 0      | 509   | NA                            |
| 2000 | 2,815                       | 38   | 6,036                            | 2,597            | 1,024                 | 10,304                      | 133               | 1,964              | 22,057   | 0                      | 5,716  | 0      | 555   | NA                            |
| 2001 | 2,599                       | 37   | 6,317                            | 2,071            | 967                   | 10,204                      | 106               | 1,285              | 20,951   | 0                      | 3,432  | 1      | 522   | 2                             |
| 2002 | 2,358                       | 42   | 6,792                            | 3,022            | 919                   | 10,599                      | 104               | 1,242              | 22,677   | 0                      | 4,354  | 6      | 591   | 3                             |
| 2003 | 2,543                       | 44   | 6,268                            | 2,618            | 769                   | 10,307                      | 46                | 1,528              | 21,535   | 0                      | 4,276  | 44     | 585   | 2                             |
| 2004 | 2,574                       | 42   | 6,555                            | 2,441            | 776                   | 10,389                      | 93                | 1,367              | 21,621   | 0                      | 3,598  | 158    | 553   | 5                             |
| 2005 | 2,158                       | 43   | 6,850                            | 2,201            | 996                   | 10,273                      | 62                | 2,010              | 22,393   | 0                      | 3,075  | 158    | 673   | 16                            |
| 2006 | 2,340                       | 41   | 6,844                            | 2,171            | 945                   | 10,217                      | 29                | 1,863              | 22,069   | 0                      | 3,397  | 149    | 631   | 45                            |
| 2007 | 1,964                       | 54   | 7,791                            | 2,409            | 880                   | 10,330                      | 35                | 1,244              | 22,688   | 0                      | 2,917  | 150    | 827   | 61                            |
| 2008 | 2,562                       | 65   | 7,215                            | 2,679            | 659                   | 10,075                      | 45                | 1,357              | 22,029   | 0                      | 2,993  | 145    | 954   | 52                            |
| 2009 | 2,238                       | 66   | 7,252                            | 2,732            | 707                   | 10,768                      | 23                | 1,200              | 22,682   | 0                      | 4,432  | 421    | 981   | 55                            |
| 2010 | 2,333                       | 73   | 7,514                            | 2,036            | 771                   | 10,577                      | 2                 | 1,423              | 22,323   | 0                      | 5,239  | 1,372  | 1,122   | 45                            |
| 2011 | 1,956                       | 74   | 7,999                            | 1,806            | 651                   | 10,608                      | 39                | 954                | 22,058   | 0                      | 6,608  | 2,668  | 1,059   | 152                           |
| 2012 | 2,155                       | 70   | 8,006                            | 1,625            | 791                   | 10,931                      | (s)               | 1,369              | 22,722   | 0                      | 5,981  | 2,354  | 1,088   | 149                           |
| 2013 | 2,053                       | 82   | 7,951                            | 1,964            | 720                   | 10,749                      | 2                 | 884                | 22,270   | 0                      | 4,063  | 2,688  | 1,095   | 236                           |
| 2014 | 1,995                       | 81   | 7,901                            | 1,883            | 984                   | 10,973                      | 4                 | 870                | 22,615   | 0                      | 5,498  | 2,336  | 1,114   | 213                           |
| 2015 | 1,187                       | 79   | 7,992                            | 1,638            | 928                   | 11,390                      | 5                 | 891                | 22,844   | 0                      | 4,850  | 2,498  | 1,187   | 191                           |
| 2016 | 1,615                       | 81   | 7,642                            | 1,818            | 836                   | 11,553                      | 8                 | R 745              | R 22,603 | 0                      | 4,806  | 3,714  | 1,197   | 270                           |
| 2017 | 1,579                       | 81   | 7,527                            | 1,748            | 825                   | 11,415                      | 9                 | R 898              | R 22,422 | 0                      | 5,256  | 2,958  | 1,188   | 225                           |
| 2018 | 1,674                       | 89   | 8,017                            | 1,983            | 666                   | 11,404                      | 8                 | R 859              | R 22,937 | 0                      | 6,266  | 2,835  | 1,177   | 213                           |
| 2019 | 1,908                       | 90   | 8,061                            | 2,335            | 720                   | 11,058                      | 9                 | R 947              | R 23,131 | 0                      | 7,915  | 2,789  | 1,162   | R 170                         |
| 2020 | 1,322                       | 85   | 9,157                            | 1,915            | 668                   | 10,703                      | 10                | R 1,093            | R 23,545 | 0                      | 5,831  | 5,544  | 1,131   | 259                           |
| 2021 | 1,312                       | 90   | R 8,000                          | 1,939            | 712                   | 11,748                      | 9                 | R 1,206            | R 23,615 | 0                      | 4,983  | 9,327  | 1,231   | 192                           |
| 2022 | 1,511                       | 96   | 7,997                            | 1,902            | 748                   | 11,531                      | 9                 | 1,193              | 23,380   | 0                      | 4,259  | 10,295 | 1,222   | 192                           |

<sup>a</sup> Includes supplemental gaseous fuels that are commingled with natural gas.  
<sup>b</sup> Beginning in 2009, includes biodiesel blended into distillate fuel oil. Beginning in 2011, includes renewable diesel blended into distillate fuel oil. Excludes biofuels product supplied.  
<sup>c</sup> Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.  
<sup>d</sup> 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." There is a discontinuity in this time series between 2009 and 2010 because of data source and methodology changes. See technical notes.  
<sup>e</sup> Beginning in 1993, includes fuel ethanol blended into motor gasoline.  
<sup>f</sup> Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.  
<sup>g</sup> Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, which cannot be

separately identified.  
<sup>h</sup> 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>.  
 Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. <http://www.eia.gov/state/seds/>