

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

| 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 | 10                          | 136  | 2,787                            | 724              | 4,721                 | 12,363                      | 125               | 1,901              | 22,622    | 0                      | 2,990  | 0     | NA  | NA                            |
| 1965 | 337                         | 154  | 3,528                            | 1,056            | 5,545                 | 14,997                      | 82                | 1,918              | 27,125    | 0                      | 4,439  | 0     | NA  | NA                            |
| 1970 | 406                         | 193  | 4,899                            | 1,304            | 6,644                 | 21,542                      | 105               | 4,615              | 39,108    | 0                      | 6,154  | 0     | NA  | NA                            |
| 1971 | 424                         | 213  | 5,240                            | 1,324            | 6,769                 | 22,957                      | 534               | 3,872              | 40,696    | 0                      | 6,643  | 0     | NA  | NA                            |
| 1972 | 362                         | 228  | 7,577                            | 1,425            | 6,960                 | 25,557                      | 1,602             | 4,523              | 47,645    | 0                      | 6,784  | 0     | NA  | NA                            |
| 1973 | 481                         | 214  | 10,295                           | 1,362            | 7,226                 | 27,825                      | 7,332             | 4,463              | 58,503    | 0                      | 7,197  | 0     | NA  | NA                            |
| 1974 | 2,231                       | 192  | 9,533                            | 1,477            | 7,229                 | 26,717                      | 8,192             | 5,149              | 58,299    | 0                      | 7,400  | 0     | NA  | NA                            |
| 1975 | 4,392                       | 156  | 10,143                           | 1,119            | 7,075                 | 27,704                      | 5,942             | 3,412              | 55,395    | 0                      | 7,254  | 0     | NA  | NA                            |
| 1976 | 6,651                       | 171  | 10,106                           | 915              | 6,670                 | 28,935                      | 5,658             | 3,304              | 55,589    | 0                      | 7,579  | 0     | NA  | NA                            |
| 1977 | 8,383                       | 167  | 12,682                           | 945              | 7,173                 | 30,765                      | 7,786             | 3,791              | 63,141    | 0                      | 6,597  | 0     | NA  | NA                            |
| 1978 | 7,456                       | 175  | 14,384                           | 1,141            | 7,417                 | 32,431                      | 4,959             | 4,260              | 64,593    | 0                      | 7,021  | 0     | NA  | NA                            |
| 1979 | 11,689                      | 173  | 11,972                           | 1,739            | 7,832                 | 32,091                      | 4,926             | 4,187              | 62,748    | 0                      | 7,256  | 0     | NA  | NA                            |
| 1980 | 11,559                      | 166  | 10,769                           | 1,589            | 7,967                 | 30,589                      | 1,339             | 3,097              | 55,350    | 0                      | 9,836  | 0     | NA  | NA                            |
| 1981 | 15,240                      | 183  | 9,990                            | 1,278            | 7,523                 | 30,825                      | 259               | 2,582              | 52,458    | 0                      | 6,803  | 0     | 5   | NA                            |
| 1982 | 16,001                      | 135  | 8,259                            | 1,655            | 7,714                 | 31,440                      | 318               | 2,274              | 51,661    | 0                      | 7,015  | 0     | 12  | NA                            |
| 1983 | 13,968                      | 115  | 8,937                            | 1,654            | 7,089                 | 32,995                      | 535               | 2,369              | 53,580    | 0                      | 14,482   | 0     | 2   | NA                            |
| 1984 | 15,406                      | 121  | 9,597                            | 1,511            | 8,022                 | 34,592                      | 544               | 3,277              | 57,543    | 0                      | 15,679   | 0     | 0   | NA                            |
| 1985 | 16,364                      | 131  | 10,109                           | 1,722            | 7,154                 | 36,148                      | 176               | 3,320              | 58,629    | 1,130                  | 13,987   | 0     | 0   | NA                            |
| 1986 | 14,150                      | 101  | 11,177                           | 1,704            | 7,697                 | 37,644                      | 41                | 3,356              | 61,818    | 9,976                  | 14,461   | 0     | 0   | NA                            |
| 1987 | 13,375                      | 117  | 10,237                           | 1,943            | 8,374                 | 39,271                      | 122               | 3,364              | 63,310    | 13,458                 | 10,135   | 0     | 0   | NA                            |
| 1988 | 14,525                      | 124  | 10,309                           | 1,721            | 8,478                 | 40,216                      | 55                | 3,518              | 64,295    | 22,940                 | 7,786  | 0     | 0   | NA                            |
| 1989 | 16,871                      | 146  | 11,205                           | 1,608            | 8,157                 | 40,648                      | 152               | 3,377              | 65,148    | 7,850                  | 7,877  | 0     | 0   | NA                            |
| 1990 | 16,419                      | 127  | 11,371                           | 1,508            | 8,501                 | 39,326                      | 28                | 3,335              | 64,069    | 20,598                 | 7,418  | 0     | 0   | NA                            |
| 1991 | 16,805                      | 125  | 10,282                           | 1,700            | 9,642                 | 40,593                      | 200               | 3,181              | 65,598    | 25,096                 | 6,736  | 0     | 0   | NA                            |
| 1992 | 17,915                      | 130  | 11,437                           | 2,095            | 8,310                 | 41,556                      | 104               | 3,975              | 67,477    | 25,609                 | 6,621  | 0     | 0   | NA                            |
| 1993 | 18,991                      | 115  | 14,172                           | 1,843            | 7,892                 | 43,026                      | 190               | 3,171              | 70,293    | 22,049                 | 6,697  | 0     | 80  | NA                            |
| 1994 | 19,580                      | 136  | 13,850                           | 1,867            | 7,401                 | 45,193                      | 200               | 3,441              | 71,952    | 23,171                 | 7,365  | 0     | 208   | NA                            |
| 1995 | 16,682                      | 124  | 15,125                           | 1,938            | 7,588                 | 47,159                      | 81                | 3,985              | 75,875    | 26,985                 | 8,288  | 0     | 655   | NA                            |
| 1996 | 16,793                      | 124  | 17,387                           | 1,625            | 7,922                 | 49,417                      | 107               | 3,386              | 79,843    | 28,840                 | 9,214  | 0     | 553   | NA                            |
| 1997 | 18,206                      | 135  | 17,911                           | 1,204            | 7,978                 | 48,884                      | 14                | 3,660              | 79,651    | 29,314                 | 12,049   | 0     | 549   | NA                            |
| 1998 | 19,013                      | 159  | 18,668                           | 1,345            | 8,677                 | 52,661                      | 20                | 5,036              | 86,406    | 30,301                 | 10,970   | 0     | 423   | NA                            |
| 1999 | 19,710                      | 165  | 20,169                           | 1,809            | 9,627                 | 54,854                      | 40                | 4,859              | 91,358    | 30,416                 | 9,759  | 0     | 366   | NA                            |
| 2000 | 21,128                      | 205  | 19,923                           | 1,660            | 10,433                | 56,431                      | 69                | 4,479              | 92,996    | 30,381                 | 8,354  | 0     | 419   | NA                            |
| 2001 | 20,830                      | 241  | 21,591                           | 1,650            | 9,914                 | 58,506                      | 252               | 3,444              | 95,357    | 28,724                 | 7,624  | 0     | 579   | 2                             |
| 2002 | 19,955                      | 251  | 19,928                           | 1,509            | 10,344                | 61,230                      | 29                | 4,395              | 97,436    | 30,862                 | 7,427  | 0     | 330   | 4                             |
| 2003 | 20,059                      | 273  | 20,915                           | 1,823            | 10,650                | 61,827                      | 0                 | 4,330              | 99,545    | 28,581                 | 7,075  | 0     | 319   | 3                             |
| 2004 | 20,799                      | 350  | 22,509                           | 1,575            | 8,256                 | 65,248                      | 40                | 5,599              | 103,228   | 28,113                 | 6,973  | 0     | 307   | 6                             |
| 2005 | 21,053                      | 322  | 25,930                           | 1,395            | 8,018                 | 67,483                      | 21                | 5,454              | 108,302   | 25,807                 | 6,410  | 0     | 3,990   | 21                            |
| 2006 | 21,247                      | 358  | 26,839                           | 1,567            | 7,721                 | 69,307                      | 18                | 4,998              | 110,449   | 24,012                 | 6,793  | 0     | 4,223   | 61                            |
| 2007 | 21,902                      | 393  | 26,330                           | 1,569            | 6,612                 | 70,010                      | 22                | 4,931              | 109,473   | 26,782                 | 6,598  | 0     | 4,705   | 83                            |
| 2008 | 23,285                      | 399  | 26,034                           | 2,524            | 6,763                 | 65,760                      | 0                 | 4,309              | 105,390   | 29,250                 | 7,286  | 0     | 5,691   | 71                            |
| 2009 | 21,193                      | 370  | 23,972                           | 2,057            | 4,686                 | 63,417                      | 0                 | 3,560              | 97,692    | 30,662                 | 6,427  | 30    | 5,696   | 75                            |
| 2010 | 23,620                      | 331  | 24,956                           | 2,074            | 12,762                | 63,127                      | 0                 | 4,054              | 106,972   | 31,200                 | 6,622  | 135   | 5,725   | 61                            |
| 2011 | 23,719                      | 289  | 26,140                           | 2,351            | 13,106                | 62,068                      | 6                 | 4,131              | 107,802   | 31,278                 | 9,174  | 256   | 5,759   | 208                           |
| 2012 | 21,879                      | 332  | 25,253                           | 1,706            | 12,830                | 61,513                      | 0                 | 3,675              | 104,977   | 31,934                 | 6,717  | 532   | 5,594   | 12                            |
| 2013 | 23,479                      | 332  | 25,294                           | 1,969            | 12,965                | 62,910                      | 0                 | 3,487              | 106,626   | 31,431                 | 5,915  | 450   | 5,830   | 112                           |
| 2014 | 23,132                      | 307  | 24,789                           | 2,058            | 13,205                | 63,340                      | 0                 | 3,566              | 106,958   | 32,321                 | 6,118  | 468   | 6,214   | 334                           |
| 2015 | 20,047                      | 351  | 24,596                           | 1,966            | 13,327                | 66,657                      | 0                 | 3,678              | 110,223   | 32,526                 | 6,536  | 452   | 6,935   | 14                            |
| 2016 | 16,814                      | 361  | 25,850                           | 2,256            | 13,287                | 68,984                      | 0                 | R 3,881            | R 114,258 | 32,377                 | 7,168  | 542   | 7,124   | 489                           |
| 2017 | 17,156                      | 321  | 26,381                           | 2,204            | 13,887                | 69,377                      | 0                 | R 3,775            | R 115,624 | 32,340                 | 6,832  | 570   | 7,221   | 415                           |
| 2018 | 17,094                      | 385  | 26,537                           | 2,423            | 13,435                | 70,764                      | 0                 | R 3,885            | R 117,043 | 31,097                 | 6,982  | 530   | 7,304   | 415                           |
| 2019 | 13,157                      | 469  | 28,004                           | 2,805            | 13,959                | 71,328                      | 0                 | R 4,188            | R 120,283 | 31,920                 | 6,204  | 554   | 7,496   | 415                           |
| 2020 | 8,551                       | 500  | 28,043                           | 2,585            | 9,816                 | 63,610                      | 0                 | R 3,905            | R 107,958 | 31,552                 | 6,424  | 644   | 6,747   | 415                           |
| 2021 | 8,693                       | 469  | R 29,588                         | 2,742            | 12,715                | 69,780                      | 0                 | R 4,517            | R 119,342 | 31,630                 | 5,973  | 1,600 | 7,450   | 415                           |
| 2022 | 8,412                       | 454  | 29,912                           | 2,846            | 13,158                | 69,692                      | 0                 | 4,572              | 120,181   | 31,943                 | 5,298  | 1,564 | 7,458   | 415                           |

<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/>