Table CT1. Energy Consumption Estimates for Selected Energy Sources in Physical Units, Selected Years, 1960-2021, Vermont

| | | | | | | Petroleum | | | | | | | |
|----------------------|------------------------|-----------------------------|-------------------------------------|--|---|--------------------------------|---------------------------------|----------------------------|--|---------------------------|---|------------------------------|------------------------------------|
| | Coal | Natural Gas ^a | Distillate Fuel Oil ^b | HGL [¢] | Jet Fuel ^d | Motor Gasoline ^e | Residual Fuel Oil | Other ^f | Total | Nuclear Electric Power | Hydro- electric Power ^g | Fuel Ethanol ^h | Biodiesel |
| Year | Thousand Short Tons | Billion Cubic Feet | | | | Thousand Barrels | | | | Million Kil | owatthours | Thousan | d Barrels |
| 1960 | 137 | 0 | 2,958 | 404 | 82 | 3,332 | 478 | 1,178 | 8 431 | 0 | 873 | NA | NA |
| 1965 1970 | 105 87 | 0 | 4,285 5,741 | 404 450 542 | 82 79 121 | 3,789 5,077 | 910 905 | 1,059 898 | 8,431 10,572 13,285 | Ö | 714 786 | NA NA | NA |
| 1970 | 87 | 3 | 5,741 | 542 | 121 | 5,077 | 905 | 898 | 13,285 | 0 | 786 | | NA |
| 1971 1972 | 79 56 | 3 4 | 5,391 5,674 | 590 699 | 112 255 219 204 | 5,331 5,677 | 916 944 | 944 778 | 13,285 14,026 | 169 | 742 942 | NA NA | NA NA |
| 1973 1974 | 59 60 | 4 | 6,047 | 685 703 | 219 | 5,763 | 870 | 711 643 | 14,295 12,772 | 1,598 2,483 | 1,059 | NA | NA NA |
| 1974 | 60 | 5 | 5,071 | 703 | 204 | 5.626 | 526 | 643 | 12,772 | 2,483 | 991 | NA | NA |
| 1975 | 31 | 4 | 4,642 5,470 | 833 | 177 | 5,698 | 796 | 502 | 12,647 | 3,561 | 938 1,090 | NA NA | NA NA |
| 1976 1977 1978 | 24 29 19 | 4 | 5,470 5,360 | 946 946 1,199 | 142 137 | 6,013 6,125 | 1,250 1,142 | 579 542 515 | 14,400 14,252 | 3,260 3,538 | 958 | NA NA | NA NA |
| 1978 | 19 | 4 | 5.280 | 1,199 | 134 | 6.309 | 979 | 515 | 14 416 | 3.241 | 958 874 | NA | NA NA |
| 1979 | 24 22 42 | 4 | 5,486 | 541 666 | 134 172 155 82 91 106 173 | 5,830 | 979 347 471 | 633 506 | 13,008 11,331 | 3,449 | 930 | NA | NA NA |
| 1980 1981 | 22 | 4 | 4,095 3,819 | 666 | 155 | 5,437 5,506 | 471 348 | 506 | 11,331 10,811 | 2,979 3,569 | 813 1,003 | NA 0 | NA NA |
| 1982 | 50 | 4 | 2,619 | 626 862 866 646 | 0∠ 91 | 5,506 5,529 | 340 359 | 430 407 482 872 | 9 946 | 3,569 4,174 | 846 | 0 | NA NA |
| 1982 1983 | 46 | 4 | 2,699 3,439 | 866 | 106 | 5,529 5,579 | 359 318 | 482 | 9,946 10,791 12,031 | 2,870 | 846 1,006 | ŏ | NA NA |
| 1984 | 46 55 80 | 5 | 4.085 | 646 | 173 | 5.821 | 434 | 872 | 12,031 | 3.336 | 949 | 0 | NA |
| 1985 | 80 | 5 | 4,583 | 791 | 201 | 5,813 | 122 | 1,065 | 12,574 | 2,999 | 949 922 1,044 995 | 0 | NA NA |
| 1986 1987 | 26 12 | 5 5 | 4,289 4,817 | 867 1,101 | 133 181 | 5,966 6,530 | 471 338 238 191 237 | 967 983 | 12,693 13,950 | 2,058 3,536 | 1,044 | 0 | NA NΔ |
| 1988 | 11 | 6 | 5.144 | 1,157 | 143 | 6,797 | 238 | 1,022 | 14,500 | 4.114 | 879 | ő | NA NA |
| 1989 | 9 | 6 | 4,969 | 1,504 | 143 220 180 | 6,797 6,554 6,696 | 191 | 1,022 986 419 | 14,500 14,424 13,499 | 3,607 | 1,047 1,365 | 0 | NA NA |
| 1990 | 8 | 7 | 4,566 | 1,401 | 180 | 6,696 | 237 | 419 | 13,499 | 3,616 | 1,365 | 0 | NA |
| 1991 | 12 20 | , 8 | 4,762 5,532 | 1,634 | 162 116 | 6,772 6,879 | 264 277 | 878 643 | 14,472 15,359 | 4,108 3,735 | 1,053 | 0 | NA NA |
| 1992 1993 | 6 | 7 | 5,532 5,539 | 1.641 | 124 | 7.096 | 474 | 384 | 15,359 15,259 | 3,735 3,372 | 921 981 | ő | NA |
| 1994 1995 | 5 | 7 | 5,358 5,361 | 1,157 1,504 1,401 1,634 1,912 1,641 1,663 1,673 | 138 127 | 7.154 | 281 215 | 643 384 522 535 | 15,117 15,121 | 4.316 | 1,039 973 | 0 | NA NA NA NA NA |
| 1995 | 3 2 | 7 | 5,361 | 1,673 | 127 | 7,211 | 215 | 535 | 15,121 | 3,859 | 973 | 0 | NA |
| 1996 1997 | 110 | / 8 | 5,732 5,344 5,215 5,441 | 1,834 1,540 1,777 1,617 | 106 | 7,331 7,606 | 282 323 274 | 603 1,153 752 612 | 15,882 16,073 15,650 15,732 | 3,799 4,267 | 1,231 1,067 | 0 | NA NΔ |
| 1998 | 2 | 8 | 5,215 | 1,777 | 121 | 7,510 7,699 | 274 | 752 | 15,650 | 3,358 4,059 | 1,194 1,196 | ŏ | NA |
| 1999 | 82 | 8 | 5,441 | 1,617 | 143 | 7,699 | 220 | 612 | 15,732 | 4,059 | 1,196 | 0 | NA |
| 2000 2001 | 1 2 | 10 | 5,276 5,371 | 1,769 2,425 | 144 | 8,394 8,021 | 309 241 | 721 806 | 16,613 16,984 | 4,548 4,171 | 1,221 | 0 | NA (a) |
| 2001 | 2 | 8 8 | 5,37 I 4 866 | 2,425 | 120 65 | 8,021 8 16 <i>4</i> | 241 253 | 806 466 | 16,984 | 4,171 3,963 | 884 1 115 | 0 | (S) |
| 2002 2003 | 1 | 8 | 4,866 5,408 | 2,352 1,867 | 99 106 121 143 144 120 65 68 | 8,164 8,304 | 253 292 | 466 530 | 16,166 16,468 | 3,963 4,444 | 1,154 | ŏ | (s) (s) (s) |
| 2004 2005 | 1 | 9 | 5,861 5,194 | 1,987 2,234 | 309 423 | 8 407 | 297 300 | 1,037 693 | 17,899 17,251 | 3 858 | 1,190 1,221 884 1,115 1,154 1,187 1,211 | 0 | (s) 2 |
| 2005 | 1 | 8 8 | 5,194 5,085 | 2,234 | 423 | 8,408 | 300 | 693 | 17,251 | 4,072 | 1,211 | 48 | 2 |
| 2006 2007 | 1 | 8 | 5,085 4,917 | 2,288 2,152 | 376 317 | 8,406 8,354 | 260 238 | 591 689 | 17,006 16,668 | 5,107 4,704 | 1,519 647 | 68 98 | 4 6 5 6 |
| 2008 2009 | Ö | 9 | 4,420 4,807 | 2,263 | 266 512 | 7,987 7,964 | 227 195 | 227 854 | 15,390 | 4,895 5,361 | 1,493 | 510 | 5 |
| 2009 | 0 | 9 | 4,807 | 2,423 | 512 | 7,964 | 195 | 854 | 16,755 | 5,361 | 1,486 | 749 | 6 |
| 2010 | 0 | 8 | 4,607 | 2,353 | 161 | 7,866 | 157 150 | 1,015 | 16,158 | 4,782 | 1,347 | 685 | 4 |
| 2011 2012 | U O | 9 | 4,791 4,227 | 2,132 2,263 2,423 2,353 2,191 2,353 2,673 | 161 183 185 171 | 7,618 7,409 | 150 93 | 912 844 924 | 15,390 16,755 16,158 15,845 15,111 15,833 | 4,907 4,989 | 1,493 1,486 1,347 1,425 1,151 1,286 | 688 711 | 15 12 59 56 71 |
| 2013 | 0 | 10 | 4,227 4,388 | 2,673 | 171 | 7,409 7,549 | 93 127 | 924 | 15,833 | 4.846 | 1,286 | 711 725 | 59 |
| 2014 | Ō | 11 | 4,597 | 2,795 2,783 | 195 191 | 7,465 7,417 | 85 44 | 921 887 | 16,058 16,415 | 5,061 | 1,175 1,139 | 699 683 | 56 |
| 2015 | 0 | 12 | 5,092 | 2,783 | 191 | 7,417 | 44 | 887 | 16,415 | 0 | 1,139 | 683 | 71 |
| 2016 2017 | 0 | 12 12 | 4,777 4,737 | 2,399 | 209 151 | 7,410 7,394 | 37 50 | /90 | 15,623 | 0 | 1,078 1,280 | 699 716 | 120 126 |
| 2018 | 0 | 14 | 4,744 | 2,399 2,348 2,835 2,679 | 161 | 6,819 | 28 | 790 849 743 R 673 | 15,623 15,530 R 15,329 15,636 | 0 | 1,268 | 679 | 120 126 65 53 57 44 |
| 2019 | 0 | 14 | 4.838 | 2,679 | 161 R 170 | 7.253 | 28 23 | R 673 | 15,636 | 0 | 1,268 1,337 | 719 | 53 |
| 2020 | 0 | 13 13 | 4,614 4,375 | 2,548 2,602 | R 153 208 | 6,005 | 15 | R 796 779 | R 14,132 14,604 | 0 | 1,130 | 594 660 | 57 |
| 2021 | 0 | 13 | 4,375 | 2,602 | 208 | 6,606 | 34 | 779 | 14,604 | 0 | 1,093 | 660 | 44 |

a Includes supplemental gaseous fuels that are commingled with natural gas.
 b 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.
 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."

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

Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.

Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, 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

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/

Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2021, Vermont (Trillion Btu)

| | | | | | Fossi | Fuels | | | | | | Fossil Fuels (as commingled) | |
|--------------|------------|--|--|---|--------------------------|---|----------------------|--------------------|----------------------------------|----------------|--|--|---|
| | | | | | | Petroleum | | | | | (| as commingied) | |
| Year | Coal | Natural Gas excluding Supplemental Gaseous Fuels ^a | Distillate Fuel Oil excluding Biofuels ^a | HGL ^b | Jet Fuel ^c | Motor Gasoline excluding Fuel Ethanol ^a | Residual Fuel Oil | Other ^d | Total | Total | Natural Gas including Supplemental Gaseous Fuels ^a | Distillate Fuel Oil including Biofuels ^a | Motor Gasoline including Fuel Ethanol ^a |
| 1960 1965 | 3.5 2.7 | 0.0 | 17.2 25.0 | 1.5 1.7 | 0.4 0.4 | 17.5 19.9 | 3.0 5.7 | 6.9 6.2 | 46.6 | 50.1 | 0.0 0.0 | 17.2 25.0 | 17.5 19.9 |
| 1965 | 2.7 | 0.0 | 25.0 | 1.7 | 0.4 | 19.9 | 5.7 | 6.2 | 58.9 | 61.6 | 0.0 | 25.0 | 19.9 |
| 1970 1971 | 2.1 1.9 | 2.7 3.1 | 33.4 31.4 | 2.1 2.2 | 0.7 0.6 | 26.7 28.0 | 5.7 5.8 | 5.4 5.6 | 73.9 73.7 | 78.7 78.7 | 2.7 3.1 | 33.4 31.4 | 26.7 28.0 |
| 1972 | 1.4 | 3.8 | 33.1 | 2.7 | 1.4 | 29.8 | 5.9 | 4.5 | 77.4 | 82.6 | 3.8 | 33.1 | 29.8 |
| 1973 | 1.4 1.5 | 3.8 4.2 | 33.1 35.2 | 2.7 2.6 | 1.4 1.2 | 29.8 30.3 | 5.9 5.5 | 4.1 | 77.4 78.9 | 84.6 | 3.8 4.2 | 33.1 35.2 | 29.8 30.3 |
| 1974 1975 | 1.5 0.7 | 4.8 | 29.5 27.0 | 2.7 3.1 | 1.1 | 29.6 29.9 | 3.3 | 3.7 2.9 | 69.9 69.0 | 76.2 | 4.8 4.0 | 29.5 27.0 | 29.6 29.9 |
| 1975 1976 | 0.7 | 4.0 3.7 | 27.0 31.9 | 3.1 | 1.0 0.8 | 29.9 31.6 | 5.0 7.9 | 2.9 3.3 | 69.0 79.0 | 73.7 83.3 | 3.7 | 27.0 31.9 | 29.9 31.6 |
| 1977 | 0.7 | 4.0 | 31.2 | 3.5 | 0.8 | 32.2 | 7.2 | 3.1 | 78.0 | 82.7 | 4.0 | 31.2 | 32.2 |
| 1978 | 0.5 | 3.8 | 30.8 | 3.5 4.4 2.0 2.5 2.3 3.2 3.2 2.5 3.0 3.3 4.2 4.4 5.7 | 0.7 | 32.2 33.1 | 7.2 6.2 | 2.9 | 78.0 78.2 | 82.5 | 4.0 3.8 | 31.2 30.8 | 33.1 |
| 1979 | 0.6 0.5 | 4.4 | 32.0 23.9 | 2.0 | 1.0 0.9 | 30.6 | 2.2 3.0 | 3.7 | 71.4 | 76.4 | 4.4 4.0 | 32.0 23.9 | 30.6 28.6 |
| 1980 1981 | 1.0 | 4.0 4.4 | 23.9 22.2 | ∠.5 2.3 | 0.9 | 28.6 28.9 | 3.0 2.2 | 2.9 2.5 | 61.6 58.6 | 66.1 64.0 | 4.0 | 23.9 22.2 | 28.9 |
| 1982 | 1.3 | 4.3 | 15.7 | 3.2 | 0.5 | 28.9 29.0 | 2.3 | 2.4 | 53.1 | 58.7 | 4.3 | 22.2 15.7 | 29.0 |
| 1983 | 1.2 | 4.3 4.8 | 20.0 | 3.2 | 0.6 | 29.3 30.6 | 2.0 2.7 | 2.8 | 53.1 57.9 65.7 | 63.4 | 4.3 4.8 | 20.0 | 29.3 30.6 |
| 1984 1985 | 1.4 2.0 | 4.8 | 23.8 | 2.5 | 1.0 | 30.6 | 2.7 0.8 | 5.2 | 65.7 | 71.9 | 4.8 | 23.8 | 30.6 |
| 1985 | 2.0 0.7 | 5.0 5.0 | 26.7 25.0 | 3.0 | 1.1 0.7 | 30.5 31.3 | 3.0 | 6.4 5.9 | 68.5 69.2 75.7 | 75.4 74.8 | 5.0 5.0 5.1 | 26.7 25.0 | 30.5 31.3 |
| 1987 | 0.3 | 5.1 | 28.1 | 4.2 | 1.0 | 34.3 | 21 | 6.0 | 75.7 | 81.1 | 5.1 | 28 1 | 34.3 |
| 1988 | 0.3 | 5.5 | 30.0 | 4.4 | 0.8 | 30.5 31.3 34.3 35.7 34.4 | 1.5 | 6.2 | 78.5 77.6 | 84.3 | 5.5 | 30.0 | 34.3 35.7 |
| 1989 1990 | 0.2 | 6.1 6.7 | 28.9 26.6 | 5.7 | 1.2 | 34.4 | 1.2 1.5 | 6.0 | 77.6 72.0 | 83.9 78.9 | 6.1 6.7 | 28.9 26.6 | 34.4 |
| 1990 | 0.2 0.3 | 7.0 | 27.7 | 5.3 6.2 | 1.0 0.9 | 35.2 35.6 | 1.7 | 2.4 5.5 | 72.0 77.6 | 76.9 84.8 | 7.0 | 20.0 27.7 | 35.2 35.6 |
| 1992 | 0.5 | 7.6 | 32.2 32.3 | 7.3 6.2 | 0.6 | 36.1 37.0 | 1.7 | 4.0 2.2 | 82.0 | 90.1 | 7.6 7.2 | 32.2 32.3 | 36.1 37.0 |
| 1993 | 0.1 | 7.2 | 32.3 | 6.2 | 0.7 | 37.0 | 3.0 | 2.2 | 81.4 | 88.8 | 7.2 | 32.3 | 37.0 |
| 1994 1995 | 0.1 0.1 | 7.3 7.3 | 31.2 31.2 | 6.3 6.3 | 0.8 0.7 | 37.3 37.5 | 1.8 1.4 | 3.2 3.3 | 80.6 80.4 | 88.0 87.8 | 7.3 | 31.2 31.2 | 37.3 37.5 |
| 1996 | (s) | 7.5 7.5 | 33.4 | 7.0 | 0.6 | 38.2 | 1.8 | 3.7 | 84.6 | 92.1 | 7.5 | 33.4 | 37.3 38.2 |
| 1997 | (s) 2.7 | 7.5 8.3 | 31.1 | 7.0 5.9 | 0.6 | 38.2 39.6 | 2.0 | 7.3 | 84.6 86.5 | 92.1 97.5 | 7.3 7.3 7.5 8.3 | 33.4 31.1 | 38.2 39.6 |
| 1998 1999 | 0.1 | 7.8 | 30.3 | 6.8 | 0.7 | 39.1 | 1.7 | 4.4 | 83.0 | 90.9 | 7.8 | 30.3 | 39.1 |
| 1999 2000 | 2.0 | 8.1 10.5 | 31.7 30.7 | 6.2 6.7 | 0.8 0.8 | 40.1 43.7 | 1.4 1.9 | 3.7 4.2 | 83.8 88.1 | 93.9 98.6 | 8.1 10.6 | 31.7 30.7 | 40.1 43.7 |
| 2001 | (s) 0.1 | 7.9 | 31.3 | 9.2 | 0.7 | 41 7 | 1.5 | 4.9 | 89.2 | 97.2 | 8.0 | 31.3 | 41 7 |
| 2002 | (s) | 8.4 | 31.3 28.3 | 8.9 | 0.4 | 42.4 43.2 | 1.5 1.6 | 4.9 2.8 | 89.2 84.5 | 97.2 92.9 | 8.4 | 31.3 28.3 | 42.4 43.2 |
| 2003 2004 | (s) (s) | 8.4 8.7 | 31.5 34.1 | 9.2 8.9 7.1 7.6 8.5 | 0.4 1.8 | 43.2 43.7 | 1.8 1.9 | 3.1 6.3 | 87.1 95.3 | 95.5 104.1 | 8.5 8.7 | 31.5 34.1 | 43.2 43.7 |
| 2005 | (S) | 8.4 | 30.2 | 7.6 8.5 | 1.0 2.4 | 43.5 | 1.9 | 4 1 | 90.5 | 99 0 | 8.4 | 34.1 30.2 | 43.7 43.7 |
| 2006 | (s) (s) | 8.1 | 29.5 | 8.6 | 2.1 | 43.3 42.6 | 1.6 | 3.5 | 88.7 86.8 | 96.8 | 8.1 | 29.5 | 43.6 |
| 2007 | (s) 0.0 | 8.9 | 28 4 | 8.2 | 1.8 | 42.6 | 1.5 | 4.2 1.3 | 86.8 | 95.7 | 8.9 8.7 | 28 4 | 43.0 |
| 2008 2009 | 0.0 | 8.7 8.7 | 25.5 | 8.6 9.3 | 1.5 2.9 | 39.0 37.9 | 1.4 1.2 | 1.3 5.4 | 77.5 R 84.4 | 86.1 R 93.1 | 8.7 | 25.5 27.8 | 40.8 40.5 |
| 2010 | 0.0 | 8.5 | 27.7 R 26.5 R 27.5 R 24.2 25.0 | 9.0 | 0.9 | 37.5 | 1.0 | 6.5 | 81.5 | 90.0 | 8.5 | 26.6 | 39.9 |
| 2010 2011 | 0.0 | 8.5 8.7 | R 27.5 | 9.0 8.4 | 1.0 | 37.5 36.2 | 0.9 | 5.9 | R 79.9 | R 88.6 | 8.5 8.7 | 26.6 27.6 | 39.9 38.6 |
| 2012 | 0.0 | 8.3 | H 24.2 | 9.0 10.3 | 1.0 | 35.0 35.7 | 0.6 | 5.5 | 81.5 R 79.9 R 75.4 78.7 | R 83.7 | 8.3 9.7 | 24.4 25.3 | 37.5 38.2 |
| 2013 2014 | 0.0 0.0 | 9.7 10.9 | 25.0 26.2 | 10.3 10.7 | 1.0 1.1 | 35./ 35.3 | 0.8 0.5 | 6.0 5.9 | /୪./ 70 Ջ | 88.4 90.7 | 9./ 10 a | 25.3 26.5 | 38.2 37.9 |
| 2015 | 0.0 | 10.9 12.2 | 26.2 _ 29.0 | 10.7 10.7 | 1.1 1.1 | 35.3 35.1 | 0.3 | 5.9 5.7 | 79.8 _ 81.9 | 94.1 | 10.9 12.2 | 26.5 29.3 | 37.8 37.5 |
| 2016 2017 | 0.0 | 12.4 12.3 | R 27.0 R 26.8 | 9.2 9.0 | 1.2 0.9 | 35.0 | 0.2 | 5.0 | R 77.7 R 77.4 | Ran 1 | 12.4 12.3 | 27.5 27.3 | 37.5 37.4 |
| 2017 | 0.0 | 12.3 | ^H 26.8 | 9.0 | 0.9 0.9 | 34.9 | 0.3 | 5.5 | H 77.4 | R 89.7 | 12.3 | 27.3 | 37.4 |
| 2018 2019 | 0.0 0.0 | 14.2 14.4 | R 26.9 R 27.5 | 10.9 10.3 | 1.0 | 32.1 34.1 | 0.2 0.1 | 4.8 4.3 | 75.8 77.4 | 90.0 R 91.7 | 14.2 14.4 | 27.3 27.9 | 34.5 36.6 |
| 2020 | 0.0 | 13.6 | H 26.2 | 9.8 | R 0.9 | 28.3 | 0.1 | 5.1 | 70.4 | 84.0 | 13.6 | 26.6 | 30.3 |
| 2021 | 0.0 | 13.8 | 25.1 | 10.0 | 1.2 | 31.1 | 0.2 | 5.0 | 72.4 | 86.2 | 13.8 | 25.2 | 33.4 |

a Supplemental gaseous fuels (SGF) and biofuels are consumed with natural gas and petroleum products. In this table, SGF and biofuels are removed from natural gas and petroleum so that a fossil fuel total can be calculated without double-counting. Biofuels are included in "Renewable Energy."
 b Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.
 c 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."
 d Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes. Section 4.

products" category. See Technical Notes, Section 4.

Where shown, R = Revised data and (s) = Value less than +0.05 and greater than -0.05 trillion Btu.

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/

Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2021, Vermont (Continued) (Trillion Btu)

| Fuebra Hydrogo Fuebra Hydrogo Fuebra | | | | | | | | Renewable En | ergy | | | | | | | |
|--|------|--------------|--------------|--------------|------------|------------|----------|--------------|--------------------|-----|----------------------|------------|--------------------|-----------------------|--------------|--------------------|
| Nuclear Nucl | | | | | | Bior | nass | | | | | | | Not | | |
| 1972 18 9.8 6.2 NA NA NA NA NA 6.2 0.0 NA NA NA 16.0 23.3 0.3 123.9 1979 177 10.4 6.8 NA NA NA NA NA 6.2 0.0 NA NA 16.1 1.5 0.3 123.9 1979 177 10.4 6.8 NA | Year | Electric | eléctric | | | Biodiesel | | and Co- | Total ^f | | Solar ^{f,j} | Wind | Total ^f | Interstate Flow of | Net | Total ^f |
| 1972 18 9.8 6.2 NA NA NA NA NA 6.2 0.0 NA NA NA 16.0 23.3 0.3 123.9 1979 177 10.4 6.8 NA NA NA NA NA 6.2 0.0 NA NA 16.1 1.5 0.3 123.9 1979 177 10.4 6.8 NA | 1960 | 0.0 | 9.4 | 7.9 | NA | | NA | NA | 7.9 | 0.0 | | | 17.3 | 0.9 | 0.2 | 68.6 |
| 1972 18 9.8 6.2 NA NA NA NA NA 6.2 0.0 NA NA NA 16.0 23.3 0.3 123.9 1979 177 10.4 6.8 NA NA NA NA NA 6.2 0.0 NA NA 16.1 1.5 0.3 123.9 1979 177 10.4 6.8 NA | 1965 | 0.0 | 7.5 | 6.9 | NA NA | | NA NA | NA NA | 6.9 | 0.0 | | NA NA | 14.4 | | 0.1 | 83.1 |
| 1972 18 9.8 6.2 NA NA NA NA NA 6.2 0.0 NA NA NA 16.0 23.3 0.3 123.9 1979 177 10.4 6.8 NA NA NA NA NA 6.2 0.0 NA NA 16.1 1.5 0.3 123.9 1979 177 10.4 6.8 NA | 1971 | | 7.8 | 6.8 | NA | NA | NA | NA | 6.8 | 0.0 | NA | NA | 14.6 | 23.5 | 0.2 | 117.0 |
| 1975 39.2 9.8 6.6 NA | 1972 | 1.8 | 9.8 | 6.2 | NA | | | | 6.2 | | NA | | | 23.3 | 0.3 | 123.9 |
| 1975 39.2 9.8 6.6 NA | 1973 | 17.4 27.7 | 11.0 10.4 | 6.1 5.8 | NA NA | NA NA | NA NA | NA NA | 6.1 5.8 | 0.0 | NA NA | NA NA | 1/.1 | /.1 -3.5 | 0.2 | 126.4 116.8 |
| 1976 38.0 11.3 8.0 NA 19.3 -7.0 0.2 131.8 1976 38.5 10.9 9.4 NA | 1975 | 39.2 | 9.8 | 6.6 | NA | NA | NA | NA | 6.6 | 0.0 | NA | NA | 16.4 | -15.2 | 0.3 | 114.4 |
| 1978 35.5 9.1 11.4 NA NA NA NA NA 11.4 0.0 NA NA 20.5 -4.4 0.4 134.5 1979 37.5 9.6 12.7 NA NA NA NA NA NA 12.7 0.0 NA NA 22.3 5.0 0.5 0.5 1981 30.4 8.5 14.4 NA NA NA NA NA NA 12.7 0.0 NA NA 22.3 5.0 0.5 0.5 1982 40.5 14.4 NA NA NA NA NA NA 12.7 0.0 NA NA NA 22.3 5.0 0.5 0.5 1982 40.5 14.4 NA NA NA NA NA NA NA N | 1976 | 36.0 | 11.3 | 8.0 | NA | NA | | NA | 8.0 | | NA | NA | 19.3 | -7.0 | | 131.8 |
| 1979 97.5 9.6 12.7 NA NA NA NA 12.7 0.0 NA NA 22.9 3.7 0.6 131.8 1981 93.5 0.6 131.8 1981 93.5 0.6 131.8 1981 93.5 0.6 131.8 1982 93.7 0.6 132.8 1982 93.7 1 | | 38.1 35.5 | | | NA NA | NA NA | | | | | NA NA | | | -11.2 -4.4 | | 129.3 134.5 |
| 1980 32.5 8.4 14.4 NA NA NA NA NA 14.4 0.0 NA NA NA 22.9 3.7 0.6 122.8 1982 19.5 14.3 0.0 NA NA NA 0.0 14.8 0.0 NA NA NA 22.9 3.7 0.6 122.8 1982 19.5 14.3 0.0 NA NA NA 0.0 14.8 0.0 NA NA NA 22.9 1.6 122.8 1982 19.5 14.5 15.5 14.5 19.5 14.5 19.5 14.5 15.5 14.5 19.5 14.5 19.5 14.5 15.5 14.5 19.5 14.5 14.5 14.5 14.5 14.5 14.5 14.5 14 | 1979 | 37.5 | 9.6 | 12.7 | NA | | | NA | 12.7 | 0.0 | NA | NA | 22.3 | -5.0 | 0.5 | 131.8 |
| 1982 46.2 8.8 13.8 0.0 NA NA 0.0 13.8 0.0 NA NA 22.7 13.1 0.7 115.1 1983 31.2 10.6 16.0 0.0 NA NA NA 0.0 15.0 0.0 NA 0.0 0.0 26.6 1.3 0.7 12.3 1986 31.3 19.5 16.0 0.0 NA NA NA 0.0 15.0 0.0 0.0 0.0 0.0 26.6 1.3 0.7 12.3 1986 21.8 10.9 13.0 0.0 NA NA NA 0.0 17.3 0.0 0.0 0.0 0.0 25.9 2.1 0.1 13.5 1986 21.8 10.9 13.0 0.0 NA NA NA 0.0 13.0 0.0 0.0 0.0 0.0 25.9 2.1 1.5 7 12.3 1987 36.9 10.4 12.8 0.0 NA NA NA 0.0 12.8 0.0 0.0 0.0 0.0 23.9 2.1 1.5 7 12.3 1987 36.9 10.4 12.8 0.0 NA NA NA 0.0 12.8 0.0 0.0 0.0 0.0 0.0 23.9 2.1 1.5 7 12.3 1987 36.9 10.4 12.8 0.0 NA NA NA 0.0 12.8 0.0 0.0 0.0 0.0 0.0 22.1 1.1 1.5 7.8 137.5 1988 43.6 9.1 12.6 0.0 NA NA NA 0.0 12.8 0.0 0.0 0.0 0.0 0.0 22.1 1.1 1.5 7.8 137.5 1989 33.2 10.9 5 10.9 5 10.0 NA NA NA 0.0 9.3 0.0 (6) 0.0 0.0 22.1 1.1 1.5 7.8 137.5 1991 43.1 11.0 3.3 0.0 NA NA NA 0.0 9.3 0.0 (6) 0.0 0.0 12.7 1.4 6.9 6.1 44.5 1991 43.1 11.0 5 3.3 0.0 NA NA NA 0.0 0.0 9.3 0.0 (6) 0.0 12.7 1.4 6.9 6.1 44.5 1991 43.1 11.0 1.0 3.3 0.0 NA NA NA 0.0 0.0 9.3 0.0 (6) 0.0 12.7 1.4 6.9 6.7 1.4 12.5 1992 39.1 9.5 6.5 0.0 NA NA NA 0.0 0.0 9.3 0.0 (6) 0.0 12.7 1.4 6.9 14.5 1991 43.1 11.0 1.0 12.0 12.0 12.0 12.0 12.0 12. | 1980 | 32.5 | 8.4 | 14.4 | | NA | | | 14.4 | | NA | NA | 22.9 | 3.7 | 0.6 | 125.8 |
| 1984 362 9.9 16.1 0.0 NA NA 0.0 16.1 0.0 0.0 0.0 25.0 2.1 0.8 132.8 1986 31.9 19.5 17.0 0.0 NA NA 0.0 17.0 0.0 0.0 0.0 25.0 2.1 0.8 132.8 1987 36.9 10.4 12.8 0.0 NA NA 0.0 17.0 0.0 0.0 0.0 0.0 25.3 1.1.5 7.7 134.5 1987 36.9 10.4 12.8 0.0 NA NA 0.0 12.8 0.0 0.0 0.0 0.0 23.3 1.1.5 7.7 134.5 1988 43.6 9.1 12.6 0.0 NA NA 0.0 12.8 0.0 0.0 0.0 0.0 22.3 1.1.5 7.7 137.5 137.5 1988 43.6 9.1 12.6 0.0 NA NA 0.0 12.8 0.0 0.0 0.0 0.0 20.0 6.2 6.7 144.6 1989 38.2 10.9 9.1 0.0 NA NA 0.0 9.1 0.0 (s) 0.0 20.0 6.2 6.7 142.5 1989 38.3 14.2 5.3 0.0 NA NA 0.0 5.3 0.0 (s) 0.0 19.5 15.1 5.8 127.4 1990 38.3 14.2 5.3 0.0 NA NA 0.0 5.3 0.0 (s) 0.0 19.5 15.1 5.8 127.4 1992 45.1 11.0 6.5 0.0 NA NA 0.0 6.5 0.0 (s) 0.0 19.5 15.1 5.8 127.4 1992 45.1 11.0 6.5 0.0 NA NA NA 0.0 6.5 0.0 (s) 0.0 19.5 15.1 5.8 135.7 1994 45.1 10.7 8.3 0.0 NA NA 0.0 8.5 0.0 (s) 0.0 19.5 12.8 19.9 19.9 19.1 0.0 NA NA NA 0.0 8.5 0.0 (s) 0.0 19.5 12.8 19.9 19.9 19.1 0.0 NA NA NA 0.0 8.3 0.0 (s) 0.0 19.1 2.5 6 10.4 136.9 19.9 19.9 19.1 0.0 NA NA 0.0 8.3 0.0 (s) 0.0 19.1 2.5 6 10.4 136.9 19.9 19.9 19.1 0.0 NA NA 0.0 8.3 0.0 (s) 0.0 19.1 2.5 6 10.4 136.9 19.9 19.9 19.1 0.0 NA NA 0.0 8.3 0.0 (s) 0.0 19.1 2.5 6 10.4 136.9 19.9 19.9 19.1 0.0 NA NA 0.0 8.3 0.0 (s) 0.0 19.1 2.5 6 10.4 136.9 19.9 19.9 19.0 0.0 NA NA NA 0.0 8.3 0.0 (s) 0.0 19.1 2.5 6 10.4 136.9 19.9 19.9 19.0 0.0 NA NA NA 0.0 8.3 0.0 (s) 0.0 19.1 2.5 6 10.4 136.9 19.9 19.9 19.0 0.0 NA NA NA 0.0 8.3 0.0 (s) 0.0 19.1 2.5 6 10.4 136.9 19.9 19.9 19.0 0 NA NA NA 0.0 8.3 0.0 (s) 0.0 19.1 2.5 6 10.4 136.9 19.9 19.9 19.0 0 NA NA NA 0.0 8.3 0.0 (s) 0.0 19.1 2.5 6 10.4 136.9 137.5 19.9 19.9 19.0 0 NA NA NA 0.0 8.3 0.0 (s) 0.0 19.1 2.5 6 10.4 136.9 137.3 19.9 19.9 19.0 0 NA NA NA 0.0 8.3 0.0 (s) 0.0 19.1 2.5 6 10.4 136.9 137.3 19.9 19.0 0 NA NA NA 0.0 8.4 (s) 0.0 19.1 2.5 6 10.4 136.9 13.4 11.4 13.4 13.4 13.4 13.4 13.4 13.4 | 1981 | 39.4 46.2 | 10.5 | 14.3 | | NA NA | | | 14.3 | | NA NA | | 24.8 | -8.2 -13.1 | 0.6 | 120.7 |
| 1984 362 9.9 16.1 0.0 NA NA 0.0 16.1 0.0 0.0 0.0 25.0 2.1 0.8 132.8 1986 31.9 19.5 17.0 0.0 NA NA 0.0 17.0 0.0 0.0 0.0 25.0 2.1 0.8 132.8 1987 36.9 10.4 12.8 0.0 NA NA 0.0 17.0 0.0 0.0 0.0 0.0 25.3 1.1.5 7.7 134.5 1987 36.9 10.4 12.8 0.0 NA NA 0.0 12.8 0.0 0.0 0.0 0.0 23.3 1.1.5 7.7 134.5 1988 43.6 9.1 12.6 0.0 NA NA 0.0 12.8 0.0 0.0 0.0 0.0 22.3 1.1.5 7.7 137.5 137.5 1988 43.6 9.1 12.6 0.0 NA NA 0.0 12.8 0.0 0.0 0.0 0.0 20.0 6.2 6.7 144.6 1989 38.2 10.9 9.1 0.0 NA NA 0.0 9.1 0.0 (s) 0.0 20.0 6.2 6.7 142.5 1989 38.3 14.2 5.3 0.0 NA NA 0.0 5.3 0.0 (s) 0.0 19.5 15.1 5.8 127.4 1990 38.3 14.2 5.3 0.0 NA NA 0.0 5.3 0.0 (s) 0.0 19.5 15.1 5.8 127.4 1992 45.1 11.0 6.5 0.0 NA NA 0.0 6.5 0.0 (s) 0.0 19.5 15.1 5.8 127.4 1992 45.1 11.0 6.5 0.0 NA NA NA 0.0 6.5 0.0 (s) 0.0 19.5 15.1 5.8 135.7 1994 45.1 10.7 8.3 0.0 NA NA 0.0 8.5 0.0 (s) 0.0 19.5 12.8 19.9 19.9 19.1 0.0 NA NA NA 0.0 8.5 0.0 (s) 0.0 19.5 12.8 19.9 19.9 19.1 0.0 NA NA NA 0.0 8.3 0.0 (s) 0.0 19.1 2.5 6 10.4 136.9 19.9 19.9 19.1 0.0 NA NA 0.0 8.3 0.0 (s) 0.0 19.1 2.5 6 10.4 136.9 19.9 19.9 19.1 0.0 NA NA 0.0 8.3 0.0 (s) 0.0 19.1 2.5 6 10.4 136.9 19.9 19.9 19.1 0.0 NA NA 0.0 8.3 0.0 (s) 0.0 19.1 2.5 6 10.4 136.9 19.9 19.9 19.1 0.0 NA NA 0.0 8.3 0.0 (s) 0.0 19.1 2.5 6 10.4 136.9 19.9 19.9 19.0 0.0 NA NA NA 0.0 8.3 0.0 (s) 0.0 19.1 2.5 6 10.4 136.9 19.9 19.9 19.0 0.0 NA NA NA 0.0 8.3 0.0 (s) 0.0 19.1 2.5 6 10.4 136.9 19.9 19.9 19.0 0.0 NA NA NA 0.0 8.3 0.0 (s) 0.0 19.1 2.5 6 10.4 136.9 19.9 19.9 19.0 0 NA NA NA 0.0 8.3 0.0 (s) 0.0 19.1 2.5 6 10.4 136.9 19.9 19.9 19.0 0 NA NA NA 0.0 8.3 0.0 (s) 0.0 19.1 2.5 6 10.4 136.9 137.5 19.9 19.9 19.0 0 NA NA NA 0.0 8.3 0.0 (s) 0.0 19.1 2.5 6 10.4 136.9 137.3 19.9 19.9 19.0 0 NA NA NA 0.0 8.3 0.0 (s) 0.0 19.1 2.5 6 10.4 136.9 137.3 19.9 19.0 0 NA NA NA 0.0 8.4 (s) 0.0 19.1 2.5 6 10.4 136.9 13.4 11.4 13.4 13.4 13.4 13.4 13.4 13.4 | 1983 | 31.3 | 10.6 | 16.0 | 0.0 | NA | NA | 0.0 | 16.0 | 0.0 | NA | 0.0 | 26.6 | 1.3 | 0.7 | 123.3 |
| 1986 21.8 10.9 13.0 0.0 NA NA 0.0 13.0 0.0 0.0 0.0 23.9 2.1 5.7 128.3 1988 43.6 9.1 12.8 0.0 NA NA 0.0 12.8 0.0 0.0 0.0 0.0 23.9 1.11.5 78 128.5 1988 43.6 9.1 12.6 0.0 NA NA NA 0.0 12.8 0.0 0.0 0.0 0.0 21.7 -14.6 9.6 144.6 1989 33.3 14.2 9.1 0.0 NA NA NA 0.0 9.3 0.0 (s) 0.0 0.0 21.7 -14.6 9.6 144.6 1989 33.3 14.2 9.3 0.0 NA NA NA 0.0 9.3 0.0 (s) 0.0 0.0 12.7 -14.6 9.6 144.6 1989 33.3 14.2 9.3 0.0 NA NA NA 0.0 9.3 0.0 (s) 0.0 12.3 -17.3 198.6 199.3 1.0 0.0 NA NA NA 0.0 8.3 0.0 (s) 0.0 12.3 17.3 17.3 18.3 17.9 199.5 6.5 0.0 NA NA NA 0.0 6.3 0.0 (s) 0.0 11.3 17.7 18.5 18.3 13.7 199.3 35.4 10.1 8.1 0.0 NA NA NA 0.0 8.1 0.0 (s) 0.0 18.2 13.8 8.9 137.5 1994 45.1 10.7 8.3 0.0 NA NA NA 0.0 8.1 0.0 (s) 0.0 19.1 2.26 6.0 14.3 8.9 1995 40.5 10.0 9.1 0.0 NA NA NA 0.0 8.3 0.0 (s) 0.0 19.1 2.26 6.0 14.4 138.9 1995 40.5 10.0 9.1 0.0 NA NA NA 0.0 9.1 0.0 (s) 0.0 19.1 2.26 6.1 14.1 139. | 1984 | 36.2 | 9.9 | 16.1 | 0.0 | | | | 16.1 | | 0.0 | 0.0 | 26.0 | -2.1 | | 132.8 |
| 1987 36.9 10.4 12.8 0.0 NA NA 0.0 12.8 0.0 0.0 0.0 23.1 -11.5 7.8 137.5 1988 43.6 9.1 12.6 0.0 NA NA 0.0 12.6 0.0 0.0 0.0 21.7 -14.6 9.6 14.6 1989 38.2 10.9 9.1 0.0 NA NA 0.0 12.6 0.0 0.0 (s) 0.0 21.7 -14.6 9.6 14.6 1989 38.2 10.9 9.1 0.0 NA NA NA 0.0 5.3 0.0 (s) 0.0 19.5 -15.5 5.8 127.4 1991 38.3 11.0 0.0 NA NA NA 0.0 5.3 0.0 (s) 0.0 19.5 -15.5 5.8 127.4 1992 43.1 10.0 6.3 0.0 NA NA NA 0.0 6.5 0.0 (s) 0.0 19.5 -15.5 5.8 127.4 1992 43.1 10.0 6.3 0.0 NA NA NA 0.0 6.5 0.0 (s) 0.0 11.6 0 1.1 3.8 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 | 1985 | 31.9 | 9.6 | 17.3 | 0.0 | NA NA | NA NA | | 17.3 | 0.0 | 0.0 | 0.0 | 26.9 | -0.7 | 1.1 | 134.5 |
| 1988 | 1987 | 36.9 | 10.4 | | 0.0 | NA NA | | | 12.8 | | 0.0 | 0.0 | 23.1 | -11.5 | 7.8 | 137.5 |
| 1990 38.3 14.2 5.3 0.0 NA NA 0.0 5.3 0.0 (s) 0.0 19.5 -15.1 5.8 127.4 1991 43.1 11.0 6.3 0.0 NA NA 0.0 6.3 0.0 (s) 0.0 19.5 -15.3 5.8 133.7 1992 39.1 9.5 6.5 0.0 NA NA NA 0.0 6.5 0.0 (s) 0.0 16.0 -12.6 7.1 139.6 1993 35.4 10.1 8.1 0.0 NA NA 0.0 8.1 0.0 (s) 0.0 18.2 -13.8 8.9 137.5 1994 45.1 10.7 8.3 0.0 NA NA NA 0.0 8.3 0.0 (s) 0.0 19.1 -26.6 10.4 139.6 1994 45.1 10.7 8.3 0.0 NA NA NA 0.0 8.3 0.0 (s) 0.0 19.1 -26.6 10.4 136.9 1994 45.1 10.7 8.3 0.0 NA NA NA 0.0 8.3 0.0 (s) 0.0 19.1 -26.6 10.4 136.9 1995 44.8 10.9 8.1 10.0 NA NA NA 0.0 8.3 0.0 (s) 0.0 19.1 -26.9 13.5 134.1 1997 44.8 10.9 8.1 0.0 NA NA NA 0.0 8.1 0.0 (s) 0.0 19.2 -28.9 13.5 134.1 1998 35.2 12.2 8.1 0.0 NA NA NA 0.0 8.1 0.0 (s) 0.0 19.9 30.0 13.6 145.8 1998 42.4 12.2 8.4 0.0 NA NA 0.0 8.1 0.0 (s) 0.0 19.9 30.0 13.6 145.8 1999 42.4 12.2 8.4 0.0 NA NA 0.0 8.4 (s) (s) 0.0 12.3 -22.3 13.2 132.3 1999 42.4 12.2 8.4 0.0 NA NA NA 0.0 8.4 (s) (s) 0.0 12.3 -22.3 13.2 137.3 1999 42.4 12.5 8.8 0.0 NA NA NA 0.0 8.8 (s) (s) 0.1 20.8 48.3 26.2 135.0 2001 43.6 9.1 8.0 0.0 (s) NA NA 0.0 8.8 (s) (s) 0.1 22.4 4.3 22.3 13.4 148.5 2001 43.6 9.1 8.0 0.0 (s) NA NA 0.0 8.0 (s) NA 0.0 11.2 (s) (s) 0.1 12.4 4.32.3 13.4 148.5 2004 40.2 11.9 10.0 0.0 (s) NA 0.0 11.2 (s) (s) 0.1 12.4 1.2 2.0 0 (s) NA 0.0 11.2 (s) (s) 0.1 22.7 -15.6 8.3 149.7 2003 46.3 11.7 12.2 0.0 (s) NA 0.0 11.2 (s) (s) 0.1 22.7 15.6 8.3 149.7 2003 46.3 11.7 12.2 0.0 (s) NA 0.0 11.2 (s) (s) 0.1 22.4 1.2 20.1 6.5 152.3 120.0 12.4 19.1 10.0 0.0 12.5 (s) NA 0.0 11.2 (s) (s) 0.1 22.4 1.2 20.1 6.5 152.3 120.0 13.1 19.0 2.4 (s) NA 0.0 11.2 (s) (s) 0.1 22.4 1.2 20.1 6.5 152.3 12.0 12.0 12.0 12.0 12.0 12.0 12.0 12.0 | 1988 | 43.6 | 9.1 | 12.6 | | NA | NA | | 12.6 | 0.0 | 0.0 | 0.0 | 21.7 | -14.6 | 9.6 | 144.6 |
| 1991 | 1989 | 38.2 | 10.9 | 9.1 | | | | | 9.1 | | (s) | 0.0 | 20.0 | -6.2 | 6.7 | 142.5 |
| 1992 39.1 9.5 6.5 0.0 NA NA 0.0 6.5 0.0 (s) 0.0 16.0 -12.6 7.1 139.6 1994 35.4 10.1 8.1 0.0 NA NA 0.0 8.3 0.0 (s) 0.0 18.2 -13.8 8.9 137.5 1994 45.1 10.7 8.3 0.0 NA NA 0.0 8.3 0.0 (s) 0.0 19.1 -25.6 10.4 136.9 1995 40.5 10.0 9.1 0.0 NA NA 0.0 8.3 0.0 (s) 0.0 19.2 -26.9 13.5 134.1 1996 39.9 12.7 9.1 0.0 NA NA 0.0 9.1 0.0 (s) 0.0 19.2 -26.9 13.5 134.1 1997 44.8 10.9 9.0 0.0 NA NA NA 0.0 9.1 0.0 (s) 0.0 19.9 -30.0 13.6 145.8 1998 35.2 12.2 8.1 0.0 NA NA NA 0.0 8.1 0.0 (s) 0.0 19.9 -30.0 13.6 145.8 1998 35.2 12.2 8.4 0.0 NA NA NA 0.0 8.1 0.0 (s) 0.0 20.3 -22.3 13.2 137.3 139.9 12.7 12.5 8.8 0.0 NA NA NA 0.0 8.4 (s) (s) 0.1 12.6 8.48 32.6 2 135.0 2000 47.4 12.5 8.8 0.0 NA NA 0.0 8.8 (s) (s) 0.1 17.3 -19.4 10.2 149.5 2002 41.4 11.3 11.2 0.0 (s) NA 0.0 8.8 (s) (s) 0.1 17.3 -19.4 10.2 148.9 2002 41.4 11.3 11.2 0.0 (s) NA 0.0 11.2 (s) (s) (s) 0.1 17.3 -19.4 10.2 148.9 2003 46.3 11.7 12.2 0.0 (s) NA 0.0 11.2 (s) (s) 0.1 12.7 -15.6 8.3 149.7 2004 40.2 11.9 10.0 0.0 (s) NA 0.0 12.2 (s) NA 0.0 12.2 (s) (s) 0.1 22.7 -15.6 8.3 149.7 2005 42.5 12.1 12.0 0.0 (s) NA 0.0 12.2 (s) NA 0.0 12.2 (s) (s) 0.1 22.7 -15.6 8.3 149.7 2005 43.3 15.1 12.4 0.2 (s) NA 0.0 12.2 (s) (s) 0.1 12.4 12.5 12.0 16.5 152.3 2005 42.5 12.1 12.1 12.0 0.2 (s) NA 0.0 12.2 (s) (s) NA 0.0 12.2 (s) (s) 0.1 12.4 12.5 12.0 16.5 152.3 2005 42.5 12.1 12.1 12.0 0.2 (s) NA 0.0 12.2 (s) (s) NA 0.0 12.2 (s) (s) 0.1 12.4 12.5 12.0 12.5 12.5 12.5 12.5 12.5 12.5 12.5 12.5 | 1991 | 43.1 | 11.0 | 6.3 | | | | | 6.3 | | (s) | 0.0 | 17.3 | -17.3 | 5.8 | 133.7 |
| 1995 | 1992 | 39.1 | 9.5 | 6.5 | 0.0 | NA | NA | 0.0 | 6.5 | 0.0 | | 0.0 | 16.0 | -12.6 | 7.1 | 139.6 |
| 1995 | 1993 | 35.4 | 10.1 | 8.1 | | NA NA | NA NA | 0.0 | 8.1 | | | 0.0 | 18.2 | -13.8 | 8.9 | 137.5 |
| 1997 | 1994 | 40.5 | 10.0 | 9.1 | | NA NA | NA NA | | 9.1 | | (s) | 0.0 | 19.2 | -26.9 | 13.5 | 134.1 |
| 1998 35.2 12.2 8.1 0.0 NA NA 0.0 8.1 0.0 (s) 0.0 20.3 -22.3 13.2 137.3 139.9 139.9 42.4 12.5 8.8 0.0 NA NA 0.0 8.4 (s) (s) 0.1 21.4 -32.3 13.4 148.5 2001 43.6 9.1 8.0 0.0 (s) NA 0.0 8.8 (s) (s) 0.1 21.4 -32.3 13.4 148.5 2001 43.6 9.1 8.0 0.0 (s) NA 0.0 8.0 (s) (s) 0.1 21.4 -32.3 13.4 148.5 2001 43.6 9.1 43.6 | 1996 | 39.9 | 12.7 | 9.1 | 0.0 | NA | NA | 0.0 | 9.1 | 0.0 | | 0.0 | 21.9 | -24.7 | 12.0 | 141.1 |
| 2000 47.4 12.5 8.8 0.0 NA NA 0.0 8.8 (s) (s) 0.1 21.4 32.3 13.4 148.5 2001 43.6 9.1 8.0 0.0 (s) NA 0.0 8.0 (s) (s) (s) 0.1 17.3 19.4 10.2 148.9 2002 41.4 11.3 11.2 0.0 (s) NA 0.0 11.2 (s) (s) 0.1 22.7 1-15.6 8.3 149.7 2003 46.3 11.7 12.2 0.0 (s) NA 0.0 11.2 (s) (s) 0.1 22.7 1-15.6 8.3 149.7 2004 40.2 11.9 10.0 0.0 (s) NA 0.0 10.0 (s) NA 0.0 12.2 (s) (s) 0.1 22.1 22.0 10.3 6.6 162.7 2005 42.5 12.1 12.0 0.2 (s) NA 0.0 10.0 (s) (s) NA 0.0 12.2 (s) (s) 0.1 22.7 2-28.5 8.3 157.7 2007 49.3 6.4 12.1 0.3 (s) NA 0.0 12.6 (s) NA 0.0 12.5 (s) 0.1 0.1 27.9 2-28.5 8.3 157.7 2007 49.3 6.4 12.1 0.3 (s) NA 0.0 12.5 (s) NA 0.0 12.8 2.0 1.1 19.0 17.7 8.5 154.8 2008 51.2 14.7 12.1 18 (s) NA 0.0 12.5 (s) NA 0.0 12.8 2.8 2.8 5 146.4 2009 56.1 14.5 16.8 2.6 (s) NA 0.0 19.5 (s) 0.1 0.1 28.8 2-28.2 8.5 146.4 2009 56.1 14.5 16.8 2.6 (s) NA 0.0 19.5 (s) 0.1 0.1 34.8 2-27.4 8.3 155.7 2011 50.4 13.8 16.2 2.4 (s) NA 0.0 19.5 (s) 0.1 0.1 34.8 2-27.4 8.3 155.6 2012 52.3 11.0 14.0 2.5 0.1 0.0 0.0 18.7 (s) 0.2 0.3 33.0 30.0 8.6 P.151.6 2012 52.3 11.0 14.0 2.5 0.1 0.0 0.0 18.7 (s) 0.2 0.3 33.0 30.0 8.6 P.151.6 2012 52.3 11.0 14.0 2.5 0.1 0.0 0.0 18.7 (s) 0.2 0.3 33.0 30.0 35.6 76.9 38.1 140.6 2016 0.0 9.9 21.6 2.4 0.6 0.0 0.0 24.7 (s) 1.3 2.7 38.7 23.9 30.6 P.135.4 2016 0.0 11.5 24.3 2.4 0.4 0.0 0.0 24.3 (s) 1.3 2.7 38.7 23.9 30.6 P.135.4 2017 0.0 11.5 24.3 2.4 0.4 0.0 0.0 22.7 (s) 2.8 34 49.8 46.9 48.2 136.9 2020 0.0 9.9 P.20.9 2.5 0.3 0.0 0.0 0.0 25.7 (s) 2.8 34 49.8 46.9 48.2 136.9 2020 0.0 9.9 P.20.9 2.5 0.3 0.0 0.0 0.0 25.7 (s) 2.8 34 49.8 46.9 48.2 136.9 2020 0.0 9.9 P.20.9 2.5 0.3 0.0 0.0 0.0 25.7 (s) 2.8 34 49.8 46.9 48.2 136.9 2020 0.0 9.9 P.20.9 2.5 0.3 0.0 0.0 0.0 25.7 (s) 2.8 34 49.8 46.9 48.2 136.9 2020 0.0 9.9 P.20.9 2.5 0.3 0.0 0.0 0.0 25.7 (s) 2.8 34 49.8 46.9 48.2 136.9 2020 0.0 9.9 P.20.9 2.5 0.3 0.0 0.0 0.0 25.7 (s) 2.8 34 49.8 46.9 48.2 136.9 2020 0.0 9.9 P.20.9 2.5 0.3 0.0 0.0 0.0 25.7 (s) 2.8 34 49.8 46.9 48.2 136.9 2020 0.0 9.9 P.20.9 2.5 0.3 0.0 0.0 0.0 25.7 (s) 2.8 34 49.8 46.9 48.2 136.9 2020 0.0 0.9 9.9 P.20.9 2.5 0.3 | 1997 | 44.8 | 10.9 | 9.0 | | | | | | | | 0.0 | 19.9 | -30.0 | 13.6 | 145.8 |
| 2000 47.4 12.5 8.8 0.0 NA NA 0.0 8.8 (s) (s) 0.1 21.4 32.3 13.4 148.5 2001 43.6 9.1 8.0 0.0 (s) NA 0.0 8.0 (s) (s) (s) 0.1 17.3 19.4 10.2 148.9 2002 41.4 11.3 11.2 0.0 (s) NA 0.0 11.2 (s) (s) 0.1 22.7 1-15.6 8.3 149.7 2003 46.3 11.7 12.2 0.0 (s) NA 0.0 11.2 (s) (s) 0.1 22.7 1-15.6 8.3 149.7 2004 40.2 11.9 10.0 0.0 (s) NA 0.0 10.0 (s) NA 0.0 12.2 (s) (s) 0.1 22.1 22.0 10.3 6.6 162.7 2005 42.5 12.1 12.0 0.2 (s) NA 0.0 10.0 (s) (s) NA 0.0 12.2 (s) (s) 0.1 22.7 2-28.5 8.3 157.7 2007 49.3 6.4 12.1 0.3 (s) NA 0.0 12.6 (s) NA 0.0 12.5 (s) 0.1 0.1 27.9 2-28.5 8.3 157.7 2007 49.3 6.4 12.1 0.3 (s) NA 0.0 12.5 (s) NA 0.0 12.8 2.0 1.1 19.0 17.7 8.5 154.8 2008 51.2 14.7 12.1 18 (s) NA 0.0 12.5 (s) NA 0.0 12.8 2.8 2.8 5 146.4 2009 56.1 14.5 16.8 2.6 (s) NA 0.0 19.5 (s) 0.1 0.1 28.8 2-28.2 8.5 146.4 2009 56.1 14.5 16.8 2.6 (s) NA 0.0 19.5 (s) 0.1 0.1 34.8 2-27.4 8.3 155.7 2011 50.4 13.8 16.2 2.4 (s) NA 0.0 19.5 (s) 0.1 0.1 34.8 2-27.4 8.3 155.6 2012 52.3 11.0 14.0 2.5 0.1 0.0 0.0 18.7 (s) 0.2 0.3 33.0 30.0 8.6 P.151.6 2012 52.3 11.0 14.0 2.5 0.1 0.0 0.0 18.7 (s) 0.2 0.3 33.0 30.0 8.6 P.151.6 2012 52.3 11.0 14.0 2.5 0.1 0.0 0.0 18.7 (s) 0.2 0.3 33.0 30.0 35.6 76.9 38.1 140.6 2016 0.0 9.9 21.6 2.4 0.6 0.0 0.0 24.7 (s) 1.3 2.7 38.7 23.9 30.6 P.135.4 2016 0.0 11.5 24.3 2.4 0.4 0.0 0.0 24.3 (s) 1.3 2.7 38.7 23.9 30.6 P.135.4 2017 0.0 11.5 24.3 2.4 0.4 0.0 0.0 22.7 (s) 2.8 34 49.8 46.9 48.2 136.9 2020 0.0 9.9 P.20.9 2.5 0.3 0.0 0.0 0.0 25.7 (s) 2.8 34 49.8 46.9 48.2 136.9 2020 0.0 9.9 P.20.9 2.5 0.3 0.0 0.0 0.0 25.7 (s) 2.8 34 49.8 46.9 48.2 136.9 2020 0.0 9.9 P.20.9 2.5 0.3 0.0 0.0 0.0 25.7 (s) 2.8 34 49.8 46.9 48.2 136.9 2020 0.0 9.9 P.20.9 2.5 0.3 0.0 0.0 0.0 25.7 (s) 2.8 34 49.8 46.9 48.2 136.9 2020 0.0 9.9 P.20.9 2.5 0.3 0.0 0.0 0.0 25.7 (s) 2.8 34 49.8 46.9 48.2 136.9 2020 0.0 9.9 P.20.9 2.5 0.3 0.0 0.0 0.0 25.7 (s) 2.8 34 49.8 46.9 48.2 136.9 2020 0.0 9.9 P.20.9 2.5 0.3 0.0 0.0 0.0 25.7 (s) 2.8 34 49.8 46.9 48.2 136.9 2020 0.0 9.9 P.20.9 2.5 0.3 0.0 0.0 0.0 25.7 (s) 2.8 34 49.8 46.9 48.2 136.9 2020 0.0 0.9 9.9 P.20.9 2.5 0.3 | 1996 | 35.2 42.4 | 12.2 | 8.4 | 0.0 | NA NA | NA NA | | 8.1 8.4 | | | 0.0 | 20.3 20.8 | -22.3 -48.3 | 13.2 26.2 | 137.3 |
| 2003 46.3 11.7 12.2 0.0 (s) NA 0.0 12.2 (s) (s) 0.1 24.1 -20.1 6.5 152.3 12004 40.2 11.9 10.0 0.0 (s) NA 0.0 10.0 (s) NA 0.0 12.2 (s) 0.1 22.0 10.3 6.6 162.7 10.3 6.6 162.7 10.3 10.0 10.0 (s) 10.1 10.1 10.3 10.0 10.3 10.0 10.0 10.0 | 2000 | 47.4 | 12.5 | 8.8 | 0.0 | NA | NA | 0.0 | 8.8 | (s) | | 0.1 | 21.4 | -32.3 | 13.4 | 148.5 |
| 2003 46.3 11.7 12.2 0.0 (s) NA 0.0 12.2 (s) (s) 0.1 24.1 -20.1 6.5 152.3 12004 40.2 11.9 10.0 0.0 (s) NA 0.0 10.0 (s) NA 0.0 12.2 (s) 0.1 22.0 10.3 6.6 162.7 10.3 6.6 162.7 10.3 10.0 10.0 (s) 10.1 10.1 10.3 10.0 10.3 10.0 10.0 10.0 | 2001 | 43.6 | 9.1 | 8.0 | 0.0 | | NA | | | | (s) | 0.1 | 17.3 | -19.4 | 10.2 | 148.9 |
| 2005 | 2002 | 41.4 | 11.3 | 11.2 | 0.0 | | NA NA | | 11.2 | (S) | (S) | 0.1 | 22.7 | -15.6 -20.1 | 8.3 6.5 | 149.7 |
| 2006 53.3 15.1 12.4 0.2 (s) NA 0.0 12.6 (s) 0.1 0.1 27.9 -28.5 8.3 157.7 2007 49.3 6.4 12.1 0.3 (s) NA 0.0 12.5 (s) 0.1 0.1 0.1 19.0 -17.7 8.5 154.8 2008 51.2 14.7 12.1 1.8 (s) NA 0.0 13.9 (s) 0.1 0.1 0.1 28.8 -28.2 8.5 146.4 2009 56.1 14.5 16.8 2.6 (s) NA 0.0 19.5 (s) 0.1 0.1 0.1 34.2 35.5 8.7 156.6 2010 50.0 13.1 19.0 2.4 (s) NA 0.0 19.5 (s) 0.1 0.1 0.1 34.2 35.5 8.7 156.6 2010 50.0 13.1 19.0 2.4 (s) NA 0.0 19.5 (s) 0.1 0.1 0.1 34.8 -27.4 8.3 155.7 2011 51.4 13.8 16.2 2.4 0.1 0.0 0.0 18.7 (s) 0.2 0.3 33.0 33.0 33.0 33.0 35.6 75.6 2012 52.3 11.0 14.0 2.5 0.1 0.0 0.0 18.7 (s) 0.2 0.3 33.0 33.0 33.0 33.0 30.0 8.6 151.6 2014 52.9 11.2 18.0 2.4 0.3 0.0 0.0 0.0 16.6 (s) 0.3 10.0 28.8 -74.6 39.2 129.4 2013 50.6 12.3 18.3 2.5 0.3 0.0 0.0 0.0 21.1 (s) 0.5 2.3 36.1 -77.9 40.1 137.4 2014 52.9 11.2 18.0 2.4 0.3 0.0 0.0 0.0 20.8 (s) 0.6 3.0 35.6 -76.9 38.1 140.4 2015 0.0 10.6 24.1 2.4 0.4 0.0 0.0 0.0 26.8 (s) 0.6 3.0 35.6 -76.9 38.1 140.4 2015 0.0 10.6 24.1 2.4 0.4 0.4 0.0 0.0 24.7 (s) 1.3 2.7 38.7 -23.9 36.8 140.6 2016 0.0 9.9 21.6 2.4 0.6 0.0 0.0 24.7 (s) 1.3 2.7 38.7 -23.9 36.6 135.4 2018 0.0 11.5 24.3 2.4 0.4 0.4 0.0 0.0 27.0 (s) 2.3 3.4 44.3 -28.8 33.2 138.6 2019 0.0 11.9 22.9 2.5 0.3 0.0 0.0 0.0 27.0 (s) 2.3 3.4 44.3 -28.8 33.2 138.6 2019 0.0 11.9 22.9 2.5 0.3 0.0 0.0 0.0 22.7 (s) 2.3 3.4 43.8 -46.9 48.2 136.9 2020 0.0 9.9 18.0 2.1 0.3 0.0 0.0 0.0 23.3 (s) 3.2 3.4 19.8 -46.1 48.0 125.7 | 2004 | 40.2 | 11.9 | 10.0 | 0.0 | (s) | NA | 0.0 | 10.0 | (s) | (s) | 0.1 | 22.0 | -10.3 | 6.6 | 162.7 |
| 2007 49.3 6.4 12.1 0.3 (s) NA 0.0 12.5 (s) 0.1 0.1 19.0 -17.7 8.5 154.8 2008 51.2 14.7 12.1 1.8 (s) NA 0.0 13.9 (s) 0.1 0.1 28.8 -28.2 8.5 146.4 2009 56.1 14.5 16.8 2.6 (s) NA 0.0 19.5 (s) 0.1 0.1 34.2 -35.5 8.7 8156.6 2010 50.0 13.1 19.0 2.4 (s) NA 0.0 21.4 (s) 0.1 0.1 34.8 -27.4 8.3 155.7 2011 51.4 13.8 16.2 2.4 0.1 0.0 0.0 18.7 (s) 0.2 0.3 33.0 -30.0 8.6 8151.6 2012 52.3 11.0 14.0 2.5 0.1 0.0 0.0 16.6 (s) 0.3 1.0 28.8 -74.6 39.2 8129.4 2013 50.6 12.3 18.3 2.5 0.3 0.0 0.0 0.0 21.1 (s) 0.5 2.3 36.1 -77.9 40.1 137.4 2014 52.9 11.2 18.0 2.4 0.3 0.0 0.0 0.0 21.1 (s) 0.5 2.3 36.1 -77.9 40.1 137.4 2015 0.0 10.6 24.1 2.4 0.4 0.0 0.0 0.0 26.8 (s) 0.6 3.0 35.6 -76.9 38.1 140.4 2015 0.0 10.6 24.1 2.4 0.4 0.0 0.0 0.0 26.8 (s) 1.0 3.0 41.5 -31.9 36.8 8140.6 2016 0.0 9.9 21.6 2.4 0.6 0.0 0.0 24.7 (s) 1.3 2.7 38.7 -23.9 30.6 8134.3 2018 0.0 11.5 24.3 2.4 0.4 0.0 0.0 0.0 27.0 (s) 2.3 3.4 44.3 -28.8 33.2 138.6 2019 0.0 11.9 22.9 2.5 0.3 0.0 0.0 0.0 25.7 (s) 2.8 3.4 44.3 -28.8 33.2 138.6 2019 0.0 11.9 22.9 2.5 0.3 0.0 0.0 0.0 22.3 (s) 3.2 3.4 83.8 -46.9 48.2 136.9 2020 0.0 9.9 82.1 0.3 0.0 0.0 0.0 23.3 (s) 3.2 3.4 83.8 -46.9 48.2 136.9 2020 0.0 9.9 82.1 0.3 0.0 0.0 0.0 23.3 (s) 3.2 3.4 83.8 -46.9 48.2 136.9 2020 0.0 9.9 82.0 2.1 0.3 0.0 0.0 0.0 23.3 (s) 3.2 3.4 83.8 -46.9 48.2 136.9 2020 0.0 9.9 82.0 2.1 0.3 0.0 0.0 0.0 23.3 (s) 3.2 3.4 83.8 -46.9 48.2 136.9 2020 0.0 9.9 82.0 2.1 0.3 0.0 0.0 0.0 23.3 (s) 3.2 3.4 83.8 -46.9 48.2 136.9 2020 0.0 0.9 9.9 82.0 2.1 0.3 0.0 0.0 0.0 23.3 (s) 3.2 3.4 83.8 -46.9 48.2 136.9 2020 0.0 0.9 9.9 82.0 2.1 0.3 0.0 0.0 0.0 23.3 (s) 3.2 3.4 83.8 -46.9 48.2 136.9 2020 0.0 0.9 9.9 82.0 2.1 0.3 0.0 0.0 0.0 23.3 (s) 3.2 3.4 83.8 -46.9 48.2 136.9 2020 0.0 0.9 9.9 82.0 2.1 0.3 0.0 0.0 0.0 23.3 (s) 3.2 3.4 83.8 -46.9 48.2 136.9 2020 0.0 0.0 9.9 82.0 2.1 0.3 0.0 0.0 0.0 23.3 (s) 3.2 3.4 83.8 -46.9 48.2 136.9 2020 0.0 0.0 9.9 82.0 2.1 0.3 0.0 0.0 0.0 23.3 (s) 3.2 3.4 83.8 -46.9 48.2 136.9 2020 0.0 0.0 9.9 82.0 2.1 0.3 0.0 0.0 0.0 23.3 (s) 3.2 3.4 83.8 -46.9 48.2 136.9 2020 0.0 0.0 0.0 0.0 23.3 (s) 3.2 3. | 2005 | 42.5 | 12.1 | 12.0 | 0.2 | (s) | | | 12.2 | (s) | | | 24.5 | -12.0 | 7.2 | 161.2 |
| 2008 51.2 14.7 12.1 1.8 (s) NA 0.0 13.9 (s) 0.1 0.1 28.8 2.8 2.8 2.8 5. 146.4 2009 56.1 14.5 16.8 2.6 (s) NA 0.0 19.5 (s) 0.1 0.1 34.2 35.5 8.7 156.6 2010 50.0 13.1 19.0 2.4 (s) NA 0.0 21.4 (s) 0.1 0.1 34.8 -27.4 8.3 155.7 2011 51.4 13.8 16.2 2.4 0.1 0.0 0.0 18.7 (s) 0.2 0.3 33.0 -30.0 8.6 151.5 2012 52.3 11.0 14.0 2.5 0.1 0.0 0.0 16.6 (s) 0.3 1.0 28.8 74.6 39.2 1129.4 2013 50.6 12.3 18.3 2.5 0.3 0.0 0.0 0.0 21.1 (s) 0.5 2.3 36.1 -77.9 40.1 137.4 2014 52.9 11.2 18.0 2.4 0.3 0.0 0.0 0.0 21.1 (s) 0.5 2.3 36.1 -77.9 40.1 137.4 2014 52.9 11.2 18.0 2.4 0.3 0.0 0.0 0.0 20.8 (s) 0.6 3.0 35.6 -76.9 38.1 140.4 2015 0.0 10.6 24.1 2.4 0.4 0.0 0.0 20.8 (s) 1.0 3.0 41.5 31.9 36.8 140.6 2016 0.0 9.9 21.6 2.4 0.6 0.0 0.0 24.7 (s) 1.3 2.7 38.7 -23.9 30.6 140.6 2016 0.0 11.5 24.3 2.4 0.4 0.6 0.0 0.0 24.7 (s) 1.3 2.7 38.7 -23.9 30.6 135.4 2018 0.0 11.5 24.3 2.4 0.4 0.0 0.0 0.0 24.7 (s) 1.3 2.7 38.7 -23.9 30.6 135.4 2018 0.0 11.5 24.3 2.4 0.4 0.0 0.0 0.0 24.7 (s) 1.3 2.7 38.7 -23.9 30.6 135.4 2019 0.0 11.5 24.3 2.4 0.4 0.0 0.0 0.0 27.0 (s) 2.3 3.4 44.3 -28.8 33.2 138.6 2019 0.0 11.5 24.3 2.4 0.4 0.4 0.0 0.0 0.0 27.0 (s) 2.3 3.4 44.3 -28.8 33.2 138.6 2019 0.0 11.9 22.9 2.5 0.3 0.0 0.0 0.0 25.7 (s) 2.8 3.4 19.8 40.9 48.2 136.9 2020 0.0 9.9 12.0 2.1 0.3 0.0 0.0 0.0 23.3 (s) 3.2 3.4 19.38 -46.9 48.2 136.9 2020 0.0 9.9 12.0 2.1 0.3 0.0 0.0 0.0 23.3 (s) 3.2 3.4 19.38 -46.9 48.2 136.9 2020 0.0 0.9 9.9 12.0 2.1 0.3 0.0 0.0 0.0 23.3 (s) 3.2 3.4 19.38 -46.9 48.2 136.9 2020 0.0 0.9 9.9 12.0 2.1 0.3 0.0 0.0 0.0 25.7 (s) 2.3 3.4 19.38 -46.9 48.2 136.9 2020 0.0 0.9 9.9 12.0 2.1 0.3 0.0 0.0 0.0 25.7 (s) 2.3 3.4 19.38 -46.9 48.2 136.9 2020 0.0 0.9 9.9 12.0 2.1 0.3 0.0 0.0 0.0 25.7 (s) 2.3 3.4 19.38 -46.9 48.2 136.9 2020 0.0 0.0 9.9 12.0 2.1 0.3 0.0 0.0 0.0 25.7 (s) 2.3 3.4 19.38 -46.9 48.2 136.9 2020 0.0 0.0 9.9 12.0 2.1 0.3 0.0 0.0 0.0 2.33 (s) 3.2 3.4 19.38 -46.9 48.2 136.9 2020 0.0 0.0 9.9 12.0 2.1 0.3 0.0 0.0 0.0 2.33 (s) 3.2 3.4 19.38 -46.9 48.2 136.9 2020 0.0 0.0 9.9 12.0 2.1 0.3 0.0 0.0 0.0 2.33 (s) 3.2 3.4 19.38 -46.9 48.2 136.9 2020 0.0 | 2006 | 49.3 | 6.4 | 12.4 | 0.2 | (S) | NA NA | | 12.0 | (S) | 0.1 | 0.1 | 27.9 19.0 | -17 7 | | 15// 8 |
| 2013 50.6 12.3 18.3 2.5 0.3 0.0 0.0 21.1 (s) 0.5 2.3 36.1 -77.9 40.1 137.4 2014 52.9 11.2 18.0 2.4 0.3 0.0 0.0 20.8 (s) 0.6 3.0 35.6 -76.9 38.1 140.4 2015 0.0 10.6 24.1 2.4 0.4 0.0 0.0 26.8 (s) 1.0 3.0 41.5 -31.9 36.8 140.6 2016 0.0 9.9 21.6 2.4 0.6 0.0 0.0 24.7 (s) 1.3 2.7 38.7 -23.9 30.6 135.4 2017 0.0 11.8 21.1 2.5 0.7 0.0 0.0 24.3 (s) 2.0 2.8 140.9 -31.6 35.3 134.3 2018 0.0 11.5 24.3 2.4 0.4 0.0 0.0 0.0 27.0 (s) 2.3 3.4 44.3 -28.8 33.2 138.6 2019 0.0 11.9 22.9 2.5 0.3 0.0 0.0 25.7 (s) 2.8 3.4 43.8 -46.9 48.2 136.9 2020 0.0 9.9 12.0 2.1 0.3 0.0 0.0 23.3 (s) 3.2 3.4 139.8 -46.1 48.0 125.7 | 2008 | 51.2 | 14 7 | 12.1 | 1.8 | (s) | NA | 0.0 | 13.9 | | 0.1 | 0.1 | 28.8 | -28.2 | 8.5 | _ 146.4 |
| 2013 50.6 12.3 18.3 2.5 0.3 0.0 0.0 21.1 (s) 0.5 2.3 36.1 -77.9 40.1 137.4 2014 52.9 11.2 18.0 2.4 0.3 0.0 0.0 20.8 (s) 0.6 3.0 35.6 -76.9 38.1 140.4 2015 0.0 10.6 24.1 2.4 0.4 0.0 0.0 26.8 (s) 1.0 3.0 41.5 -31.9 36.8 140.6 2016 0.0 9.9 21.6 2.4 0.6 0.0 0.0 24.7 (s) 1.3 2.7 38.7 -23.9 30.6 135.4 2017 0.0 11.8 21.1 2.5 0.7 0.0 0.0 24.3 (s) 2.0 2.8 140.9 -31.6 35.3 134.3 2018 0.0 11.5 24.3 2.4 0.4 0.0 0.0 0.0 27.0 (s) 2.3 3.4 44.3 -28.8 33.2 138.6 2019 0.0 11.9 22.9 2.5 0.3 0.0 0.0 25.7 (s) 2.8 3.4 43.8 -46.9 48.2 136.9 2020 0.0 9.9 12.0 2.1 0.3 0.0 0.0 23.3 (s) 3.2 3.4 139.8 -46.1 48.0 125.7 | 2009 | 56.1 | 14.5 | 16.8 | 2.6 | (-) | NA | | 19.5 | (s) | 0.1 | 0.1 | 34.2 | -35.5 | 8.7 | H 156.6 |
| 2013 50.6 12.3 18.3 2.5 0.3 0.0 0.0 21.1 (s) 0.5 2.3 36.1 -77.9 40.1 137.4 2014 52.9 11.2 18.0 2.4 0.3 0.0 0.0 20.8 (s) 0.6 3.0 35.6 -76.9 38.1 140.4 2015 0.0 10.6 24.1 2.4 0.4 0.0 0.0 26.8 (s) 1.0 3.0 41.5 -31.9 36.8 140.6 2016 0.0 9.9 21.6 2.4 0.6 0.0 0.0 24.7 (s) 1.3 2.7 38.7 -23.9 30.6 135.4 2017 0.0 11.8 21.1 2.5 0.7 0.0 0.0 24.3 (s) 2.0 2.8 140.9 -31.6 35.3 134.3 2018 0.0 11.5 24.3 2.4 0.4 0.0 0.0 0.0 27.0 (s) 2.3 3.4 44.3 -28.8 33.2 138.6 2019 0.0 11.9 22.9 2.5 0.3 0.0 0.0 25.7 (s) 2.8 3.4 43.8 -46.9 48.2 136.9 2020 0.0 9.9 12.0 2.1 0.3 0.0 0.0 23.3 (s) 3.2 3.4 139.8 -46.1 48.0 125.7 | 2010 | 50.0 51.4 | 13.1 13.8 | 19.0 16.2 | 2.4 | (S) 0.1 | | | 21.4 18.7 | (S) | 0.1 0.2 | 0.1 0.3 | 34.8 33.0 | -27.4 -30.0 | 8.3 8.6 | 155.7 R 151.6 |
| 2013 50.6 12.3 18.3 2.5 0.3 0.0 0.0 21.1 (s) 0.5 2.3 36.1 -77.9 40.1 137.4 2014 52.9 11.2 18.0 2.4 0.3 0.0 0.0 20.8 (s) 0.6 3.0 35.6 -76.9 38.1 140.4 2015 0.0 10.6 24.1 2.4 0.4 0.0 0.0 26.8 (s) 1.0 3.0 41.5 -31.9 36.8 140.6 2016 0.0 9.9 21.6 2.4 0.6 0.0 0.0 24.7 (s) 1.3 2.7 38.7 -23.9 30.6 135.4 2017 0.0 11.8 21.1 2.5 0.7 0.0 0.0 24.3 (s) 2.0 2.8 140.9 -31.6 35.3 134.3 2018 0.0 11.5 24.3 2.4 0.4 0.0 0.0 0.0 27.0 (s) 2.3 3.4 44.3 -28.8 33.2 138.6 2019 0.0 11.9 22.9 2.5 0.3 0.0 0.0 25.7 (s) 2.8 3.4 43.8 -46.9 48.2 136.9 2020 0.0 9.9 12.0 2.1 0.3 0.0 0.0 23.3 (s) 3.2 3.4 139.8 -46.1 48.0 125.7 | 2012 | 52.3 | 11.0 | 14.0 | 2.5 | 0.1 | 0.0 | 0.0 | 16.6 | | 0.3 | 1.0 | 28.8 | -74.6 | 39.2 | R 129.4 |
| 2015 0.0 10.6 24.1 2.4 0.4 0.0 0.0 26.8 (s) 1.0 3.0 41.5 31.9 36.8 140.6 2016 0.0 9.9 21.6 2.4 0.6 0.0 0.0 24.7 (s) 1.3 2.7 38.7 23.9 30.6 135.4 2017 0.0 11.8 21.1 2.5 0.7 0.0 0.0 24.3 (s) 2.0 2.8 140.9 31.6 35.3 134.3 2018 0.0 11.5 24.3 2.4 0.4 0.0 0.0 27.0 (s) 2.3 3.4 44.3 28.8 33.2 138.6 2019 0.0 11.9 22.9 2.5 0.3 0.0 0.0 25.7 (s) 2.8 3.4 43.8 46.9 48.2 136.9 2020 0.0 9.9 12.0 2.1 0.3 0.0 0.0 23.3 (s) 3.2 3.4 193.8 46.1 48.0 125.7 | 2013 | 50.6 | 12.3 | 18.3 | 2.5 | 0.3 | 0.0 | 0.0 | 21.1 | (s) | 0.5 | 2.3 | 36.1 | -77.9 | 40.1 | 137.4 |
| 2016 0.0 9.9 21.6 2.4 0.6 0.0 0.0 24.7 (s) 1.3 2.7 38.7 -23.9 30.6 135.4 2017 0.0 11.8 21.1 2.5 0.7 0.0 0.0 24.3 (s) 2.0 2.8 140.9 -31.6 35.3 143.3 2018 0.0 11.5 24.3 2.4 0.4 0.0 0.0 27.0 (s) 2.3 3.4 44.3 -28.8 33.2 138.6 2019 0.0 11.9 22.9 2.5 0.3 0.0 0.0 25.7 (s) 2.8 3.4 43.8 -46.9 48.2 136.9 2020 0.0 9.9 12.0 2.1 0.3 0.0 0.0 25.7 (s) 3.2 3.4 183.8 -46.9 48.2 136.9 2020 0.0 10.9 2.1 0.3 0.0 0.0 23.3 (s) 3.2 3.4 183.8 -46.1 48.0 125.7 | 2014 | 52.9 | 11.2 | 18.0 24.1 | 2.4 | 0.3 | 0.0 | 0.0 | 20.8 26.8 | (S) | 0.6 1.0 | 3.0 | 35.6 41.5 | -/6.9 -31.0 | 38.1 36.8 | R 140 6 |
| 2018 0.0 11.5 24.3 2.4 0.4 0.0 0.0 27.0 (s) 2.3 3.4 44.3 -28.8 33.2 138.6 2019 0.0 11.9 22.9 2.5 0.3 0.0 0.0 25.7 (s) 2.8 3.4 43.8 -46.9 48.2 136.9 2020 0.0 9.9 20.9 2.1 0.3 0.0 0.0 23.3 (s) 3.2 3.4 8.38 -46.1 48.0 125.7 | 2016 | 0.0 | 9.9 | 21.6 | 2.4 | 0.6 | 0.0 | 0.0 | 24.7 | (s) | 1.3 | 2.7 | 38.7 | -23.9 | 30.6 | R 135.4 |
| 2019 0.0 11.9 22.9 2.5 0.3 0.0 0.0 25.7 (s) 2.8 3.4 43.8 -46.9 48.2 136.9 2020 0.0 9.9 82.9 2.1 0.3 0.0 0.0 23.3 (s) 3.2 3.4 83.8 -46.1 48.0 125.7 | 2017 | | | | 2.5 | | | | 24.3 | | 2.0 | 2.8 | R 40.9 | -31.6 | 35.3 | R 134.3 |
| 2020 0.0 9.9 P20.9 2.1 0.3 0.0 0.0 23.3 (s) 3.2 3.4 P39.8 -46.1 48.0 125.7 2021 0.0 9.7 21.8 2.3 0.2 0.0 0.0 24.3 (s) 3.3 3.0 40.3 -45.1 47.4 128.8 | | | | | | 0.4 | | | | (s) | 2.3 | | | | | 138.6 |
| 2021 0.0 9.7 21.8 2.3 0.2 0.0 0.0 24.3 (s) 3.3 3.0 40.3 -45.1 47.4 128.8 | | | 9.9 | R 20.9 | 2.5 2.1 | 0.3 | | | 23.7 | (8) | 2.0 3.2 | 3.4 3.4 | R 39.8 | -46.9 -46.1 | | 125.7 |
| | | 0.0 | 9.7 | 21.8 | | 0.2 | 0.0 | 0.0 | 24.3 | (s) | 3.3 | 3.0 | 40.3 | | | 128.8 |

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

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

Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

I Electricity traded with Canada and Mexico. Calculated by converting net imports in kilowatthours by 3,412 Btu per

sources beginning in 1989.

⁹ Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

h Excludes 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. Pre-2005 estimates

are not comparable to those for later years. See Section 5 of Technical Notes.

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

Solar thermal and photovoltaic energy.

k Includes the energy losses associated with the generation, transmission, and distribution of the electricity flowing across state lines. A positive number indicates that more electricity came into the state than went out of the state during the year.

kilowatthour.

NA = Not available.

Where shown, R = Revised data and (s) = Value less than +0.05 and greater than -0.05 trillion Btu.

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/

Table CT3. Total End-Use Sector Energy Consumption Estimates, Selected Years, 1960-2021, Vermont

| | | | | | | Petroleum | | | | Hydro- | Bion | nass | | | | | | |
|--------------|------------------------|-----------------------------|-------------------------------------|------------------|--------------------------|--------------------------------|----------------------|--------------------|------------------|----------------------------------|-------------------------------------|--|------------------------------|----------------------|-------------------------------|----------------|---|----------------------|
| | Coal | Natural Gas ^a | Distillate Fuel Oil ^b | HGL ^c | Jet Fuel ^d | Motor Gasoline ^e | Residual Fuel Oil | Other ^f | Total | electric Power ^{g,h} | | | | | Electricity | | Electrical | |
| Year | Thousand Short Tons | Billion Cubic Feet | | | т | housand Barrel | s | | | Million Kilowatt- hours | Wood and Waste ^{h,i} | Losses and Co- products ^j | Geo- thermal ^h | Solar ^{h,k} | Million Kilowatt- hours | End Use h,m | System Energy Losses ⁿ | Total ^{h,m} |
| 1960 | 118 | 0 | | 404 | 82 | 3,332 | 477 | 1,178 | 8,421 | 64 | | | | | 875 | | | |
| 1970 | 32 | 3 | | 542 | 121 | 5,077 | 882 | 898 | 12,994 | 62 | | | | | 2,612 | | | |
| 1980 1990 | 13 | 4 | 4,050 4,558 | 666 1,401 | 137 180 | 5,437 6,696 | 471 237 | 506 419 | 11,267 13,491 | 70 17 | | | | | 3,951 4,716 | | | |
| 2000 | 0 | 9 | 4,556 5.116 | 1,769 | 144 | 8,394 | 309 | 721 | 16,454 | 20 | | | | | 5,639 | | | |
| 2005 | 1 | 8 | 5,181 | 2,234 | 423 | 8,408 | 300 | 693 | 17,239 | 21 | | | | | 5,883 | | | |
| 2006 | 1 | 8 | 5,077 | 2,288 | 376 | 8,406 | 260 | 591 | 16,998 | 22 | | | | | 5,795 | | | |
| 2007 | 1 | 9 | | 2,152 | 317 | 8,354 | 238 | 689 | 16,659 | 2 | | | | | 5,864 | | | |
| 2008 | 0 | 9 | 4,414 | 2,263 | 266 | 7,987 | 226 | 227 | 15,383 | 21 | | | | | 5,741 | | | |
| 2009 2010 | 0 | 9 | 4,804 4,602 | 2,423 2,353 | 512 | 7,964 7,866 | 194 157 | 854 1.015 | 16,751 16,153 | 25 25 | | | | | 5,497 5,595 | | | |
| 2010 | 0 | 9 | | 2,353 | 161 183 | 7,866 | 149 | 912 | 15,838 | 25 | | | | | 5,550 | | | |
| 2012 | 0 | 8 | | 2,353 | 185 | 7,409 | 93 | 844 | 15,108 | 23 | | | | | 5,511 | | | |
| 2013 | 0 | 10 | 4,380 | 2,673 | 171 | 7,549 | 127 | 924 | 15,825 | 0 | | | | | 5,588 | | | |
| 2014 | 0 | 11 | 4,589 | 2,795 | 195 | 7,465 | 85 | 921 | 16,051 | 0 | | | | | 5,570 | | | |
| 2015 | 0 | 12 | | 2,783 | 191 | 7,417 | 44 | 887 | 16,410 | 0 | | | | | 5,521 | | | |
| 2016 | 0 | 12 | | 2,399 | 209 | 7,410 | 37 | 790 | 15,615 | 0 | | | | | 5,516 | | | |
| 2017 2018 | 0 | 12 14 | | 2,348 2,835 | 151 161 | 7,394 6,819 | 50 28 | 849 743 | 15,515 15,322 | 0 | | | | | 5,424 5,531 | | | |
| 2019 | 0 | 14 | | 2,635 | R 170 | 7,253 | 23 | R 673 | 15,633 | 0 | | | | | 5,428 | | | |
| 2020 | 0 | 13 | | 2,548 | R 153 | 6,005 | 15 | R 796 | R 14,127 | 0 | | | | | 5,331 | | | |
| 2021 | 0 | 13 | | 2,602 | 208 | 6,606 | 34 | 779 | 14,598 | 0 | | | | | 5,413 | | | |
| | | | | | | | | | Trillion | Btu | | | | | | | | |
| 1960 | 3.0 | 0.0 | 17.2 | 1.5 | 0.4 | 17.5 | 3.0 | 6.9 | 46.6 | 0.7 | 7.9 | NA | NA | NA | 3.0 | 61.2 | 7.4 | 68.6 |
| 1970 | 0.8 | 2.7 | 31.9 | 2.1 | 0.7 | 26.7 | 5.5 | 5.4 | 72.2 | 0.6 | 6.5 | NA NA | | NA NA | 8.9 | 91.7 | 21.6 | 113.2 |
| 1980 | 0.3 | 3.7 | 23.6 | 2.5 | 0.8 | 28.6 | 3.0 | 2.9 | 61.3 | 0.7 | 13.9 | NA | NA | NA | 13.5 | 93.4 | 32.4 | 125.8 |
| 1990 | 0.2 | 6.0 | 26.6 | 5.3 | 1.0 | 35.2 | 1.5 | 2.4 | 72.0 | 0.2 | 4.3 | 0.0 | 0.0 | (s) | 16.1 | 98.7 | 28.7 | 127.4 |
| 2000 | (s) | 9.5 | | 6.7 | 0.8 | 43.7 | 1.9 | 4.2 | 87.1 | 0.2 | 4.9 | 0.0 | | (s) | 19.2 | 121.0 | 27.5 | 148.5 |
| 2005 | (s) | 8.4 | 30.1 | 8.5 | 2.4 | 43.7 | 1.9 | 4.1 | 90.6 | 0.2 | 6.8 | 0.0 | | (s) | 20.1 | 126.1 | 35.1 | 161.2 |
| 2006 2007 | (s) | 8.0 8.8 | | 8.6 8.2 | 2.1 1.8 | 43.6 43.0 | 1.6 1.5 | 3.5 4.2 | 88.9 87.0 | 0.2 | 6.5 6.0 | 0.0 | | 0.1 0.1 | 19.8 20.0 | 123.6 122.1 | 34.2 32.7 | 157.7 154.8 |
| 2007 | (s) 0.0 | 8.6 | | 8.6 | 1.5 | 40.8 | 1.4 | 1.3 | 79.2 | (s) 0.2 | 6.5 | 0.0 | | 0.1 | 19.6 | 114.2 | 32.2 | 146.4 |
| 2009 | 0.0 | 8.6 | | 9.3 | 2.9 | 40.5 | 1.2 | 5.4 | 87.1 | 0.2 | 11.2 | 0.0 | | 0.1 | 18.8 | 126.0 | 30.7 | 156.7 |
| 2010 | 0.0 | 8.4 | 26.6 | 9.0 | 0.9 | 39.9 | 1.0 | 6.5 | 83.9 | 0.2 | 12.5 | 0.0 | | 0.1 | 19.1 | 124.3 | 31.4 | 155.7 |
| 2011 | 0.0 | 8.6 | 27.6 | 8.4 | 1.0 | 38.6 | 0.9 | 5.9 | 82.4 | 0.2 | 10.6 | 0.0 | | 0.2 | 18.9 | 121.1 | 30.6 | 151.7 |
| 2012 | 0.0 | 8.3 | | 9.0 | 1.0 | 37.5 | 0.6 | 5.5 | 78.0 | 0.2 | 9.1 | 0.0 | | 0.2 | 18.8 | 114.6 | 14.9 | 129.5 |
| 2013 | 0.0 | 9.7 | 25.2 | 10.3 | 1.0 | 38.2 | 0.8 | 6.0 | 81.5 | 0.0 | 11.5 | 0.0 | | 0.3 | 19.1 | 122.0 | 15.3 | 137.4 |
| 2014 | 0.0 | 10.8 | | 10.7 | 1.1 | 37.8 | 0.5 | 5.9 | 82.5 | 0.0 | 11.7 | 0.0 | | 0.4 | 19.0 | 124.4 | 15.9 | 140.4 |
| 2015 2016 | 0.0 | 12.2 12.4 | 29.3 27.5 | 10.7 9.2 | 1.1 1.2 | 37.5 37.5 | 0.3 0.2 | 5.7 5.0 | 84.6 80.6 | 0.0 | 17.5 15.0 | 0.0 | | 0.6 0.8 | 18.8 18.8 | 133.8 127.6 | 6.7 R 7.7 | 140.5 135.3 |
| 2016 | 0.0 | 12.3 | | 9.2 | 0.9 | 37.5 | 0.2 | 5.5 | 80.2 | 0.0 | 15.0 | 0.0 | | 1.1 | 18.5 | 127.1 | 7.7 | 134.1 |
| 2018 | 0.0 | 14.2 | | 10.9 | 0.9 | 34.5 | 0.2 | 4.8 | 78.5 | 0.0 | 18.3 | 0.0 | | 1.3 | 18.9 | 131.1 | 7.5 | 138.6 |
| 2019 | 0.0 | 14.4 | 27.8 | 10.3 | 1.0 | 36.6 | 0.1 | 4.3 | 80.2 | 0.0 | 17.1 | 0.0 | | 1.5 | 18.5 | 131.6 | 5.3 | 136.9 |
| 2020 | 0.0 | 13.6 | 26.5 | 9.8 | R 0.9 | 30.3 | 0.1 | 5.1 | 72.7 | 0.0 | 14.6 | 0.0 | (s) | 1.6 | 18.2 | 120.7 | 5.0 | 125.7 |
| 2021 | 0.0 | 13.8 | 25.2 | 10.0 | 1.2 | 33.4 | 0.2 | 5.0 | 74.9 | 0.0 | 14.6 | 0.0 | (s) | 1.7 | 18.5 | 123.6 | 5.2 | 128.8 |
| | | | | | | | | | | | | | | | | | | |

^a Includes supplemental gaseous fuels that are commingled with natural gas.

b 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.

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."

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.

⁹ Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, which cannot be separately identified.

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

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

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

k Solar thermal and photovoltaic energy.

¹ Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.

m 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 End Use and Total. For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. Beginning in 2009, includes a small amount of wind energy consumed by the commercial and industrial sectors. Beginning in 2021, adjusted for the double-counting of biofuels product supplied.

n Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

⁻⁻ = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Total end-use sector 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 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/

Table CT4. Residential Sector Energy Consumption Estimates, Selected Years, 1960-2021, Vermont

| | | | | Petro | oleum | | Biomass | | | | | | |
|--|------------------------|-----------------------------|---|-------------------|------------------------|--|--|--------------------------|----------------------|---|--------------|----------------------|--------------------------------------|
| | Coal ^a | Natural Gas ^b | Distillate Fuel Oil | HGL ^c | Kerosene | Total | | | | Electricity ⁹ | | Electrical System | |
| Year | Thousand Short Tons | Billion Cubic Feet | | Thousar | d Barrels | | Wood ^d | Geothermal ^e | Solar ^{e,f} | Million Kilowatthours | End Use e,h | Energy Losses | Total e,h |
| 1060 | 45 | 0 | 2.044 | 208 | 701 | 2 053 | | | | 451 | | | |
| 1960 1965 1970 1975 1980 1985 1990 1995 2000 | 45 27 | 0 | 2,044 3,110 3,873 3,101 | 208 255 287 | 649 | 2,953 4,014 4,596 3,783 2,688 3,481 3,380 3,487 3,836 | | | | 678 | | | |
| 1970 | 16 | 1 | 3,873 | 287 | 436 235 | 4,596 | | | | 1,216 | | | |
| 1975 | 5 | 1 | 3,101 | 447 | 235 | 3,783 | | | | 1,427 | | | |
| 1980 | 2 10 | 1 | 2,171 2,482 2,293 2,321 2,450 | 287 | 230 | 2,688 | | | | 1,781 | | | |
| 1985 | 10 | 1 | 2,482 | 484 894 985 | 514 | 3,481 | | | | 1,538 1,809 1,973 2,037 | | | |
| 1995 | (s) | 2 | 2,293 | 985 | 193 180 326 | 3,360 | | | | 1,009 | | | |
| 2000 | (s) | 3 | 2.450 | 1,059 | 326 | 3.836 | | | | 2.037 | | | |
| 2005 | (s) | 3 | 2,257 | 1,456 1,354 | 381 355 248 | 4,094 | | | | 2,189 2,142 | | | |
| 2006 | (s) | 3 | 2,119 | 1,354 | 355 | 3,828 | | | | 2,142 | | | |
| 2005 2006 2007 2008 | (s) | 3 | 2,257 2,119 2,157 1,869 | 1,286 1,291 | 248 | 3,691 | | | | 2,170 | | | |
| 2008 | 0 | ა ვ | 1,869 2,022 | 1,291 | 109 168 | 3,269 3,752 | | | | 2,133 | | | |
| 2010 | 0 | 3 | 1,675 | 1,541 | 150 | 3,752 | | | | 2 128 | | | |
| 2011 | Ŏ | 3 | 1 769 | 1.289 | 150 104 51 50 | 3,162 | | | | 2,125 | | | |
| 2012 | 0 | 3 | 1,428 1,622 | 1,308 | 51 | 2,788 | | | | 2,095 | | | |
| 2013 | 0 | 3 | 1,622 | 1,568 | 50 | 3,240 | | | | 2,125 | | | |
| 2014 2015 | 0 | 4 | 1,767 | 1,660 | /9 65 | 3,507 | | | | 2,121 | == | | |
| 2015 | 0 | 4 | 1,885 1,738 | 1,609 1,447 | 86 | 3,559 | | | | 2,089 | | | |
| 2017 | 0 | 4 | 1 784 | 1,673 | 79 65 86 60 | 4,094 3,828 3,691 3,269 3,752 3,366 3,162 2,788 3,240 3,507 3,557 3,518 3,738 3,792 | | | | 2,133 2,122 2,128 2,125 2,095 2,125 2,121 2,089 2,055 2,023 | | | |
| 2018 2019 | Ö | 4 | 1,831 1,996 | 1,849 1,839 | 58 67 | 3,738 | | | | 2,116 2,082 | | | |
| 2019 | 0 | 4 | 1,996 | 1,839 | 67 | 3,902 | | | | 2,082 | | | |
| 2020 2021 | 0 | 4 | 1,870 1,677 | 1,576 1,692 | 72 | 3,518 3,429 | | | | 2,157 2,174 | | | |
| 2021 | U | 4 | 1,677 | 1,692 | 60 | 3,429 | | | | 2,174 | | | |
| | | | | | | | Trillion Btu | | | | | | |
| 1960 1965 1970 1975 1980 | 1.1 | 0.0 | 11.9 | 0.8 | 4.0 | 16.7 | 3.5 2.7 2.1 | NA | NA | 1.5 2.3 4.1 | 22.8 | 3.8 | 26.6 |
| 1965 | 0.7 0.4 | 0.0 | 18.1 22.6 | 1.0 | 3.7 | 22.8 26.1 | 2.7 | NA NA | NA | 2.3 | 28.5 33.8 | 5.5 10.0 | 34.0 |
| 1970 | 0.4 0.1 | 1.1 1.1 | 22.6 18.1 | 1.1 1.7 | 3.7 2.5 1.3 | 26.1 21.1 | 2.1 | NA NA | NA NA | 4.1 | 33.8 | 10.0 11.7 | 34.0 43.9 41.4 |
| 1980 | 0.1 | 1.3 | 12.6 | 1.1 | 1.3 | 15.1 | 2.5 4.3 | NA | NA | 61 | 29.7 26.8 | 14.6 | 41.4 |
| 1985 1990 1995 2000 | 0.2 | 1.4 | 14.5 | 1.9 | 2.9 | 19.2 17.9 | 3.1 | NA | NA | 5.2 | 29.3 | 12.0 11.0 | 41.4 41.3 39.2 38.6 41.6 |
| 1990 | (s) | 2.1 | 14.5 13.4 | 3.4 | 1.1 | 17.9 | 3.1 2.0 2.2 1.6 3.9 3.5 3.8 4.3 8.5 9.2 | NA 0.0 | | 6.2 | 29.3 28.2 | 11.0 | 39.2 |
| 1995 | (s) | 2.3 2.9 | 13.5 | 3.8 | 1.0 | 18.3 20.2 | 2.2 | 0.0 | (s) (s) (s) | 6.7 | 29.5 | 9.0 | 38.6 |
| 2000 | (s) | 2.9 3.1 | 14.3 13.1 | 4.1 5.6 | 1.8 | 20.2 20.9 | 1.6 | (s) (s) (s) (s) | (S) | 7.0 | 31.6 35.4 | 9.9 13.0 | 41.6 |
| 2005 2006 2007 2008 | (S) (S) | 3.1 2.0 | 10.1 | 5.0 | 2.2 2.0 | 19.5 | 3.9 | (S) | (s) | 7.3 | 33.2 | 12.6 | 48.5 45.9 45.5 |
| 2007 | (S) | 2.9 3.2 | 12.3 12.5 | 4.9 | 1.4 | 18.8 | 3.3 | (S) | (s) 0.1 | 7.3 | 33.3 | 12.1 | 45.5 45.5 |
| 2008 | 0.0 | 3.1 | 10.8 | 5.0 | 0.6 | 16.4 | 4.3 | (s) | 0.1 | 7.3 | 31.1 | 12.0 | 43.1 49.6 48.0 |
| 2009 | 0.0 | 3.2 | 11.7 | 6.0 | 1.0 | 18.6 | 8.5 | (s) (s) (s) | 0.1 | 7.2 | 37.7 | 11.8 | 49.6 |
| 2010 | 0.0 | 3.1 | 9.7 | 5.9 | 0.9 | 16.4 | 9.2 | | 0.1 | 7.3 | 36.1 | 11.9 | 48.0 |
| 2011 2012 | 0.0 0.0 | 3.2 3.0 3.5 | 10.2 8.2 | 5.0 5.0 | 0.6 0.3 | 15.7 13.6 | 8.9 7.4 9.7 9.8 14.7 | (s) (s) (s) (s) | 0.1 0.2 | 4.9 6.1 5.2 6.2 6.7 7.0 7.5 7.3 7.4 7.3 7.2 7.3 7.2 7.1 7.3 | 35.3 31.4 | 11.7 5.7 | 47.0 |
| 2012 | 0.0 | 3.0 | 9.3 | 5.0 6.0 | 0.3 | 15.7 | 7.4 9.7 | (8) | 0.2 | 7.1 | 31.4 36.3 | 5.7 5.8 | 37.1 42.2 |
| 2014 | 0.0 | 3.9 | 10.2 | 6.4 | 0.4 | 17.0 | 9.8 | (s) | 0.3 | 7.2 | 38.3 | 6.1 | 44.4 |
| 2014 2015 | 0.0 0.0 | 3.9 3.9 | 10.2 10.9 | 6.4 6.2 | 0.4 0.4 | 17.0 17.4 | 14.7 | (s) | 0.3 0.4 | 7.1 | 38.3 43.6 | 6.1 2.6 | 44.4 46.2 42.4 43.2 |
| 2016 | 0.0 | 3.6 | 10.0 | 5.6 | 0.5 | 16.0 | 12.3 | (s) (s) | 0.6 | 7.0 | 39.5 | 2.9 | 42.4 |
| 2017 | 0.0 | 3.6 | 10.3 | 6.4 | 0.3 | 17.0 | 12.3 | (s) | 0.7 | 6.9 | 40.6 | 2.6 | 43.2 |
| 2018 | 0.0 0.0 | 4.2 4.3 | 10.5 | 7.1 | 0.3 0.4 | 18.0 18.9 | 15.6 | (S) | 0.8 | 7.2 7.1 | 45.8 45.8 | 2.9 2.0 | 48.7 47.9 |
| 2018 2019 2020 | 0.0 | 4.3 | 11.5 10.8 | 7.1 6.1 | 0.4 | 17.2 | 14.6 12.1 | (s) (s) (s) (s) | 0.9 1.0 | 7.1 7.1 | 45.8 41.7 | 2.0 | 47.9 43.7 |
| 2021 | 0.0 | 3.9 | 9.7 | 6.5 | 0.4 | 16.5 | 12.1 | (s) | 1.1 | 7.4 7.4 | 41.1 | 2.1 | 43.2 |
| | 0.0 | 0.0 | 5. , | 3.0 | 3.0 | | | (0) | | | | = | |

Beginning in 2008, data are no longer collected and are assumed to be zero.
 Includes supplemental gaseous fuels that are commingled with natural gas.
 Hydrocarbon gas liquids, assumed to be propane only.

d Wood and wood-derived fuels.

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

Solar thermal and photovoltaic energy. Includes solar thermal energy consumed as heat by the commercial and industrial sectors.

⁹ Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.
h 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 End Use and Total.

i Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

^{-- =} Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

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.

Herelyy.
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/

Table CT5. Commercial Sector Energy Consumption Estimates, Selected Years, 1960-2021, Vermont

| | | | | | | | | | | Biomass | | | | | | |
|--------------|------------------------|-----------------------------|------------------------|------------------|------------|--------------------------------|----------------------|--------------------|--|-------------------------------------|-------------------------|--------------------------|--------------------------|------------------------|---|----------------------|
| | Coal | Natural Gas ^a | Distillate Fuel Oil | HGL ^b | Kerosene | Motor Gasoline ^c | Residual Fuel Oil | Total ^d | Hydro- electric Power ^{e,f} | | | Solar ^{f,h} | Electricity ⁱ | | Electrical | |
| Year | Thousand Short Tons | Billion Cubic Feet | | | Thousa | and Barrels | • | | Million Kilowatthours | Wood and Waste ^{f,g} | Geothermal ^f | Mill Kilowat | | End Use ^{f,j} | System Energy Losses ^k | Total ^{f,j} |
| 1960 | 31 | 0 | 418 | 96 | 43 | 127 | 225 | 909 | NA | | | NA | 233 | | | |
| 1965 | 21 | ŏ | 636 | 117 | 40 | 24 | 225 422 | 1.239 | NA | | | NA | 303 | | | |
| 1970 1975 | 13 11 | 1 | 792 634 | 132 206 | 27 15 | 25 30 | 414 373 | 1,390 1,257 | NA NA | | | NA NA | 609 709 | | | |
| 1980 | 9 | i | 620 | 132 | 44 | 33 | 237 | 1,065 | NA | | | NA | 923 | | | |
| 1985 1990 | 36 6 | 2 | 591 669 | 223 411 | 36 12 | 40 41 | 24 119 | 914 1,253 | NA 0 | | | NA (s) | 959 1,526 | | | |
| 1995 | 3 | 3 | 692 | 453 | 14 | 7 | 71 | 1.236 | 0 | | | (s) | 1,647 | | | |
| 2000 | 1 | 3 | 1,040 | 487 | 23 | 7 | 101 | 1,659 1,552 | 0 | | | (s) | 1,956 | | | |
| 2005 2006 | 1 | 3 2 | 858 812 | 511 516 | 31 26 | 7 | 145 130 | 1,552 1,491 | 0 | | | (s) (s) | 2,051 2,027 | | | |
| 2007 | 1 | 3 | 766 | 642 | 27 | 7 | 130 87 | 1,529 | 0 | | | (s) | 2,059 | | | |
| 2008 2009 | 0 | 2 | 561 701 | 778 766 | 6 14 | 7 7 | 109 89 | 1,461 1,576 | 0 | | | (s) (s) | 2,043 1,991 | | | |
| 2010 | ő | 2 | 668 | 736 | 8 | 7 | 59 | 1,477 | ő | | | (s) R 2 | 2,021 | | | |
| 2011 2012 | 0 | 2 | 647 527 | 826 971 | 9 3 | 7 7 | 59 53 36 | 1,541 1,544 | 0 | | | Н <u>2</u> Н <u>4</u> | 2,009 1,994 | | | |
| 2013 | 0 | 5 | 567 619 | 996 | 3 | 7 | 37 24 | 1.610 | 0 | | | 5 | 2,017 | | | |
| 2014 | 0 | 5 | 619 | 1,045 | 6 | 7 | 24 | 1,701 | 0 | | | .8 | 2,031 | | | |
| 2015 2016 | 0 | 6 | 826 576 | 1,094 896 | 5 6 | 131 133 | 17 19 | 2,073 1,629 | 0 | | | 18 24 | 2,011 2,014 | | | |
| 2017 | ő | 6 | 555 548 | 548 | 4 | 135 | 27 | 1,269 | Ö | | | 40 | 1,977 | | | |
| 2018 2019 | 0 | 7 7 | 548 558 | 907 796 | 3 6 | 140 141 | 11 6 | 1,609 1,507 | 0 | == | | 47 57 | 2,004 1,934 | | | |
| 2020 | ő | 7 | 525 | 905 | 7 | 141 | 8 | 1.587 | Ö | | | 66 | 1.806 | | | |
| 2021 | 0 | 7 | 582 | 858 | 4 | 143 | 15 | 1,602 | 0 | | | 70 | 1,867 | | | |
| | | | | | | | | | lion Btu | | | | | | | |
| 1960 1965 | 0.8 0.5 | 0.0 0.0 | 2.4 3.7 | 0.4 0.4 | 0.2 0.2 | 0.7 0.1 | 1.4 2.7 | 5.1 7.2 | NA NA | 0.1 0.1 | NA NA | NA NA | 0.8 1.0 | 6.8 8.7 | 2.0 2.5 | 8.7 11.2 |
| 1970 | 0.3 | 0.6 | 4.6 | 0.5 | 0.2 | 0.1 | 2.6 | 8.0 | NA | (s) | NA | NA | 2.1 2.4 | 11.0 | 5.0 | 16.0 |
| 1975 | 0.2 0.2 | 0.8 | 3.7 | 0.8 | 0.1 | 0.2 | 2.3 | 7.1 | NA NA | (s) 0.1 | NA NA | NA | 2.4 | 10.5 | 5.8 | 16.4 17.9 |
| 1980 1985 | 0.9 | 0.8 1.6 | 3.6 3.4 | 0.5 0.9 | 0.2 0.2 | 0.2 0.2 | 1.5 0.1 | 6.0 4.9 | NA NA | 0.1 | NA NA | NA NA | 3.1 3.3 | 10.3 10.6 | 7.6 7.5 | 17.9 |
| 1985 1990 | 0.1 | 2.0 | 3.9 | 1.6 | 0.1 | 0.2 | 0.7 | 6.5 | 0.0 | 0.2 | 0.0 | (s) | 3.3 5.2 | 14.1 | 9.3 | 18.1 23.4 |
| 1995 2000 | 0.1 (s) | 2.7 2.6 | 4.0 6.1 | 1.7 1.9 | 0.1 0.1 | (s) (s) | 0.4 0.6 | 6.3 8.7 | 0.0 0.0 | 0.3 0.3 | 0.0 0.0 | (s) (s) | 5.6 6.7 | 15.0 18.3 | 7.5 9.5 | 22.5 27.9 |
| 2005 | (s) | 2.6 | 5.0 | 2.0 | 0.2 | (s) | 0.9 | 8.1 | 0.0 | 0.6 | 0.0 | (s) | 7.0 | 18.3 | 12.2 | 30.6 |
| 2006 2007 | (s) | 2.4 | 4.7 4.4 | 2.0 2.5 | 0.1 0.2 | (s) (s) | 0.8 0.5 | 7.7 7.6 | 0.0 0.0 | 0.6 0.6 | 0.0 0.0 | (s) | 6.9 7.0 | 17.6 17.9 | 11.9 11.5 | 29.5 29.4 |
| 2007 | (s) 0.0 | 2.6 2.5 2.5 2.4 | 3.2 | 3.0 | | (S) | 0.5 | 7.0 | 0.0 | 0.6 | 0.0 | (s) (s) | 7.0 | 17.9 | 11.5 | 28.6 |
| 2009 | 0.0 | 2.5 | 4.1 | 2.9 | (s) 0.1 | (s) | 0.6 | 7.7 | 0.0 | 1.2 | 0.0 | (s) | 6.8 | 18.2 | 11.1 | 29.3 |
| 2010 2011 | 0.0 0.0 | 2.4 | 3.9 3.7 | 2.8 3.2 | (s) (s) | (s) | 0.4 0.3 | 7.1 7.3 | 0.0 0.0 | 1.2 1.3 | 0.0 0.0 | (s) | 6.9 6.9 | 17.6 18.0 | 11.3 11.1 | 29.0 29.1 |
| 2012 | 0.0 | 2.5 2.3 | 3.0 | 3.7 | (s) | (s) | 0.2 | 7.0 | 0.0 | 1.2 | 0.0 | (s) | 6.8 | 17.4 | 5.4 | 22.8 |
| 2013 | 0.0 | 4.8 | 3.3 | 3.8 | (s) | (s) | 0.2 | 7.4 | 0.0 | 1.4 | 0.0 | 0.1 | 6.9 | 20.5 | 5.5 | 26.0 |
| 2014 2015 | 0.0 0.0 | 4.9 6.1 | 3.6 4.8 | 4.0 4.2 | (s) (s) | (s) 0.7 | 0.2 0.1 | 7.8 9.8 | 0.0 0.0 | 1.4 2.3 | 0.0 0.0 | 0.1 0.2 | 6.9 6.9 | 21.1 25.2 | 5.8 2.5 | 26.9 27.7 |
| 2016 | 0.0 | 6.4 | 4.8 3.3 | 3.4 | (s) | 0.7 | 0.1 | 7.6 | 0.0 | 2.3 2.3 | 0.0 | 0.2 | 6.9 | 23.4 | 2.8 | 26.2 |
| 2017 2018 | 0.0 0.0 | 6.4 7.6 | 3.2 3.2 | 2.1 3.5 | (s) | 0.7 0.7 | 0.2 0.1 | 6.2 7.4 | 0.0 0.0 | 2.4 2.5 | 0.0 0.0 | 0.4 0.4 | 6.7 6.8 | 22.1 24.8 | 2.5 2.7 | 24.6 27.5 |
| 2018 | 0.0 | 7.6 7.6 | 3.2 | 3.5 | (S) (S) | 0.7 | 0.1 (s) | 7.4 7.1 | 0.0 | 2.3 | 0.0 | 0.4 | 6.6 | 24.8 | 1.9 | 27.5 25.9 |
| 2020 | 0.0 | 7.3 7.8 | 3.0 | 3.5 | (s) | 0.7 | 0.1 | 7.3 7.5 | 0.0 | 2.3 2.3 | 0.0 | 0.6 | 6.2 | 23.6 | 1.7 | 25.3 |
| 2021 | 0.0 | 7.8 | 3.4 | 3.3 | (s) | 0.7 | 0.1 | 7.5 | 0.0 | 2.3 | 0.0 | 0.6 | 6.4 | 24.6 | 1.8 | 26.4 |

^a Includes supplemental gaseous fuels that are commingled with natural gas.

other fossil fuels from which they are mostly derived, but should be counted only once in End Use and Total. For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. Beginning in 2009, includes a small amount of wind energy consumed by commercial utility-scale facilities.

Hydrocarbon gas liquids, assumed to be propane only.

Beginning in 1993, includes fuel ethanol blended into motor gasoline. There is a discontinuity in this time series between 2014 and 2015 because of coverage. See Technical Notes, Section 4.

d Includes small amounts of petroleum coke not shown separately.

e Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, 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.

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

h Solar thermal and photovoltaic energy. Excludes a small amount of solar thermal energy consumed as heat that is included in the

Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.

Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the

k Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

—— = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

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 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/

Table CT6. Industrial Sector Energy Consumption Estimates, Selected Years, 1960-2021, Vermont

| | | | | | Petro | leum | | | Herden | Bior | nass | | | | | | |
|--------------|------------------------|-----------------------------|------------------------|------------------|--------------------------------|----------------------|--------------------------|--------------------|--|-----------------------|----------------------------------|------------------------------|----------------------|--------------------------|--------------|----------------------|----------------------|
| | Coal | Natural Gas ^a | Distillate Fuel Oil | HGL ^b | Motor Gasoline ^c | Residual Fuel Oil | Other ^d | Total | Hydro- electric Power ^{e,f} | | Losses | | Solar ^{f,i} | Electricity ^j | | Electrical System | |
| Year | Thousand Short Tons | Billion Cubic Feet | | | Thousand | d Barrels | | | Million kWh | Wood and Waste f,g | and Co- products ^h | Geo- thermal ^f | Mi k | illion :Wh | End Use f,k | Energy Losses | Total f,k |
| 1960 | 41 | 0 | 234 | 99 77 | 0 | 252 | 346 | 931 | 64 | | | | NA | | | | |
| 1965 1970 | 14 | 0 | 316 463 | 77 121 | 100 68 | 484 466 | 301 372 | 1,278 1,489 | 53 62 | | | | NA NA | | | | |
| 1975 | 2 | 2 2 | 364 501 | 179 | 77 | 421 235 | 196 156 | 1,237 1,155 | 67 70 | == | | == | NA | 858 | | | == |
| 1980 1985 | 2 | 2 | 501 500 | 245 70 | 19 117 | 235 98 | 156 445 | 1,155 1,230 | 70 70 | | | | NA NA | | | | |
| 1905 | 1 | 2 | 554 | 85 | 81 | 115 | 146 | 981 | 17 | == | == | == | (s) | | == | == | == |
| 1995 | 0 | 2 | 328 | 220 | 89 | 144 | 278 277 358 205 | 1,058 | 18 | | | | (s) | 1,484 | | | |
| 2000 2001 | 0 | 4 | 381 | 223 | 79 170 | 207 | 2// 358 | 1,166 | 20 16 | | == | | (s) | 1,646 | | | |
| 2002 | ŏ | 3 | 366 338 | 303 229 | 179 | 149 132 | 205 | 1,344 1,083 | 16 | | | | (s) | 1,608 1,592 | | | |
| 2003 2004 | 0 | 2 | 445 586 | 139 145 | 210 237 | 141 151 | 178 | 1,112 1,656 | 6 21 | | | == | (s) | 1,460 1,577 | | == | |
| 2004 2005 | 0 | 3 | 560 | 259 | 235 | 156 | 537 210 | 1,419 | 21 | == | == | == | (S) | 1.644 | == | == | == |
| 2006 | Ō | 3 | 509 | 411 | 264 | 130 151 | 149 352 59 | 1.463 | 22 | | | | (s) | 1,626 1,635 | | | |
| 2007 2008 | 0 | 3 | 396 519 | 220 165 | 198 115 | 151 117 | 352 59 | 1,318 976 | 2 21 | | | | (S) | 1,635 | | | |
| 2009 | ŏ | 3 | 533 | 91 | 114 | 105 | 622 798 743 | 1,466 R 1,668 | 25 | | | | (s) | 1,383 | | | |
| 2010 2011 | 0 | 3 | 551 678 | 74 74 | 149 149 | 97 | 798 | H 1,668 1,740 | 25 24 | | | | (s) | 1,446 1,417 | | | |
| 2011 | 0 | 3 | 608 | 74 | 149 | 96 56 90 | 743 739 819 | 1,740 | 24 | | | | (s) (s) | 1.422 | | | |
| 2013 | Ō | 1 | 608 497 | 107 | 129 | 90 | 819 | 1.642 | Ó | | | | (s) | 1,446 | | | |
| 2014 2015 | 0 | 2 | 539 521 | 86 R 75 | 124 95 | 61 27 | 786 759 | R 1,595 R 1,477 | 0 | | | | (s) (s) | 1,418 1,422 | | | |
| 2016 | 0 | 2 | 521 550 | R 52 | 91 | 27 14 | 759 642 | R 1.350 | ő | | | | (s) | 1,446 | | | |
| 2017 | 0 | 2 2 | 591 603 | R 124 R 77 | 92 93 | 16 17 | 734 633 | R 1,557 R 1,423 | 0 | | | | 2 | 1,424 | | | |
| 2018 2019 | 0 | | 619 | R 41 | 90 | 16 | R 554 | R 1,321 | 0 | | | | 2 | | | == | |
| 2020 | Ō | 2 | 696 | R 65 | 91 | 16 7 | R 678 | R 1,536 | ō | | | | 2 | 1,369 | | | |
| 2021 | 0 | 2 | 571 | 50 | 90 | 17 | 647 | 1,376 | 0 Trillion Bt | | | | 2 | 1,371 | | | |
| 1960 | 1.1 | 0.0 | 1.4 | 0.4 | 0.0 | 1.6 | 2.2 | 5.5 | 0.7 | 4.4 | NA | NA | NA | 0.7 | 12.3 | 1.6 | 14.0 |
| 1965 | 0.4 | 0.0 | 1.8 | 0.3 | 0.5 | 3.0 | 1.9 | 7.6 | 0.6 | 4.1 | NA | NA | NA | 1.2 | 13.8 | 2.9 | 16.7 |
| 1970 | 0.1 | 1.1 | 2.7 2.1 2.9 | 0.4 | 0.4 | 2.9 | 2.4 | 8.8 | 0.6 | | NA | NA | NA NA | 2.7 | 17.6 | 6.5 7.0 | 24.1 |
| 1975 1980 | 0.1 (s) | 1.5 1.6 | 2.1 | 0.6 0.9 | 0.4 0.1 | 2.6 1.5 | 1.1 0.9 | 6.9 6.3 | 0.7 0.7 | 4.1 9.5 | NA NA | NA NA | NA NA | 2.9 4.3 | 16.3 22.4 | 7.0 10.2 | 23.3 32.7 |
| 1985 | 0.1 | 1.9 | 2.9 | 0.2 | 0.6 | 0.6 | 2.8 | 7.2 | 0.7 | 11.2 | 0.0 | NA | NA | 5.2 | 26.3 | 11.9 | 38.1 |
| 1990 1995 | (s) 0.0 | 1.8 2.1 | 3.2 1.9 | 0.3 0.8 | 0.4 0.5 | 0.7 0.9 | 0.8 1.8 | 5.5 5.9 | 0.2 0.2 | 2.1 3.2 | 0.0 0.0 | 0.0 0.0 | (s) (s) | 4.7 5.1 | 14.4 16.5 | 8.4 6.8 | 22.8 23.3 |
| 2000 | 0.0 | 4.0 | 2.2 | 0.8 | 0.4 | 1.3 | 1.7 | 6.4 | 0.2 | 3.0 | 0.0 | 0.0 | (s) | 5.6 | 19.2 | 8.0 | 27.2 |
| 2001 2002 | 0.0 0.0 | 2.6 3.1 | 2.1 2.0 | 1.0 0.8 | 0.9 0.9 | 0.9 | 2.3 1.3 | 6.4 7.3 5.8 | 0.2 0.2 | 2.6 1.3 | 0.0 0.0 | 0.0 0.0 | (s) | 5.5 5.4 | 18.1 15.8 | 8.0 8.3 9.8 | 27.2 26.5 25.7 |
| 2002 | 0.0 | 2.5 | 2.6 | 0.8 | 1.1 | 0.8 | 1.3 | 6.1 | 0.2 | 1.3 | 0.0 | 0.0 | (S) | 5.0 | 14.9 | 9.8 | 24.7 |
| 2004 | 0.0 | 2.8 | 3.4 | 0.5 | 1.2 | 0.9 | 3.5 | 9.6 | 0.2 | 1.5 | 0.0 | 0.0 | (s) | 5.4 5.6 | 19.5 | 10.1 | 29.5 |
| 2005 2006 | 0.0 | 2.6 | 3.3 | 0.9 | 1.2 1.4 | 1.0 | 1.3 1.0 | 7.7 | 0.2 0.2 | 2.2 | 0.0 | 0.0 | (s) (s) | 5.6 | 18.3 18.5 | 9.8 | 28.1 |
| 2007 | 0.0 | 2.8 3.0 | 3.0 2.3 | 1.4 0.7 | 1.0 | 0.8 1.0 | 2.3 | 7.5 7.3 | (s) 0.2 | 1.6 | 0.0 0.0 | 0.0 | (s) | 5.5 5.6 | 17.5 | 9.6 9.1 | 28.1 26.6 |
| 2008 | 0.0 | 3.0 2.9 | 3.0 3.1 | 0.6 | 0.6 | 0.7 0.7 | 0.4 4.1 | 5.3 8.7 | 0.2 0.2 | 1.5 | 0.0 | 0.0 | (s) | 5.3 4.7 | 15.4 | 8.8 | 24.1 25.8 |
| 2009 2010 | 0.0 0.0 | 2.9 | 3.1 | 0.3 0.3 | 0.6 0.8 | 0.6 | 5.3 | 10.1 | 0.2 | | 0.0 0.0 | 0.0 0.0 | (s) (s) | 4.7 | 18.0 20.4 | 7.7 8.1 | 28.5 |
| 2011 | 0.0 | 2.8 | 3.9 | 0.3 | 8.0 | 0.6 | 4.9 | 10.5 | 0.2 | 0.4 | 0.0 | 0.0 | (s) | 4.8 | 18.8 | 7.8 | 26.6 |
| 2012 2013 | 0.0 0.0 | 2.7 1.3 | 3.5 2.9 | 0.3 0.4 | 0.6 0.7 | 0.4 0.6 | 4.9 5.4 | 9.6 9.9 | 0.2 0.0 | 0.4 0.4 | 0.0 0.0 | 0.0 | (s) | 4.9 4.9 | 17.9 16.6 | 3.8 4.0 | 21.7 20.5 |
| 2014 | 0.0 | 1.9 | 3.1 | 0.3 | 0.6 | 0.4 | 5.1 | 9.6 | 0.0 | 0.4 | 0.0 | 0.0 | (s) | 4.8 | 16.8 | 4.1 | 20.8 |
| 2015 | 0.0 | 2.1 | 3.0 | 0.3 | 0.5 | 0.2 | 5.0 | 8.9 | 0.0 | 0.4 | 0.0 | 0.0 | (s) | 4.9 | 16.3 | 1.7 | 18.0 |
| 2016 2017 | 0.0 0.0 | 2.2 2.3 | 3.2 3.4 | 0.2 0.5 | 0.5 0.5 | 0.1 0.1 | 4.2 4.8 | 8.1 9.3 | 0.0 | 0.4 0.2 | 0.0 0.0 | 0.0 0.0 | (S) | 4.9 4.9 | 15.7 16.6 | 2.0 1.8 | 17.7 18.4 |
| 2018 | 0.0 | 2.4 | 3.5 | 0.3 | 0.5 | 0.1 | 4.1 | 8.5 | 0.0 | 0.2 | 0.0 | 0.0 | (s) | 4.8 | 15.9 | 1.9 | 17.8 |
| 2019 2020 | 0.0 0.0 | 2.5 2.3 | 3.6 4.0 | 0.2 R 0.2 | 0.5 0.5 | 0.1 | 3.6 4.4 | 7.9 9.2 | 0.0 0.0 | 0.2 0.2 | 0.0 0.0 | 0.0 0.0 | (s) (s) | 4.8 4.7 | 15.4 16.4 | 1.4 1.3 | 16.8 17.7 |
| | 0.0 | 2.1 | 3.3 | 0.2 | 0.5 | (s) 0.1 | 4.2 | 8.3 | 0.0 | | 0.0 | 0.0 | (s) | | 15.3 | 1.3 | 16.6 |

the other fossil fuels from which they are mostly derived, but should be counted only once in End Use and Total. For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. Beginning in 2009, includes a small amount of wind energy consumed by industrial utility-scale facilities.

Includes a small amount of wind energy consumed by industrial utility-scale facilities.

Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

kWh = Kilowatthours. — = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

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 https://www.eia.gov/state/seds/seds-data-complete.php.

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/

a Includes supplemental gaseous fuels that are commingled with natural gas.
 b Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.
 c Beginning in 1993, includes fuel ethanol blended into motor gasoline. There is a discontinuity in this time series between 2014

and 2015 because of coverage. See Technical Notes, Section 4.

Includes a sphalt and road oil, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.

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

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

beginning in 1989.

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

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

Solar thermal and photovoltaic energy. Excludes a small amount of solar thermal energy consumed as heat that is included in

Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.

k Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and

Table CT7. Transportation Sector Energy Consumption Estimates, Selected Years, 1960-2021, Vermont

| | | | | | | Pe | etroleum | | | | | | | |
|--------------|--------------------------|-----------------------------|----------------------|-------------------------------------|-------------------|--------------------------|----------------------------------|--------------------------------|----------------------|--------------------|--------------------------|------------------------|----------------------|----------------------|
| | Coal | Natural Gas ^a | Aviation Gasoline | Distillate Fuel Oil ^b | HGL ^c | Jet Fuel ^d | Lubricants | Motor Gasoline ^e | Residual Fuel Oil | Total | Electricity ^f | | Electrical System | |
| Year | Thousand Short Tons | Billion Cubic Feet | | | | Thous | sand Barrels | | | | Million Kilowatthours | End Use ^{g,h} | Energy Losses | Total ^{g,h} |
| 1960 | 1 | 0 | 19 | 254 | (s) | 82 79 | 68 | 3,205 | 0 | 3,629 | 0 | | | |
| 1965 1970 | (s) (s) (s) | 0 | 25 14 | 185 346 | 1 3 | 79 121 | 68 44 49 45 52 47 | 3,665 4,985 | 0 2 | 4,000 5,519 | 0 | | | |
| 1975 | (s) | Ŏ | 11 | 504 | i | 121 129 | 45 | 4,985 5,591 | 2 | 6,284 | 0 | | | |
| 1980 1985 | 0 | 0 | 25 22 | 757 977 | 2 13 | 137 201 | 52 47 | 5,386 5,656 | 0 | 6,359 6,916 | 0 | | | |
| 1990 | 0 | (s) (s) | 15 | 1 043 | 11 | 180 | 53 51 | 6,574 | 3 | 7,878 | 0 | | | |
| 1995 | 0 | (s) | 15 12 | 1,981 | 15 | 180 127 | 51 | 7,116 | 0 | 9.302 | 0 | | | |
| 2000 2005 | 0 | (s) | 40 26 | 1,245 1,506 | 0 8 | 144 423 | 54 46 | 8,309 8,166 | 0 | 9,793 10,174 | 0 | | | |
| 2006 2007 | ŏ | (s) | 16 16 | 1,636 | 8 | 376 | 45 46 | 8,135 | Ŏ | 10,216 | Ö | | | |
| 2007 2008 | 0 | (s) | 16 10 | 1,589 1,464 | 4 | 317 266 | 46 | 8,149 7,865 | 0 | 10,122 9,677 | 0 | | | |
| 2009 | 0 | (s) | 11 | 1.548 | 29 5 | 512 | 43 38 | 7.843 | 0 | 9,957 | 0 | | | |
| 2010 | 0 | (s) | 9 | 1,709 | 2 | 161 | 50 47 | 7,710 | 0 | 9,641 | 0 | | | |
| 2011 2012 | 0 | (s) (s) | 8 8 | 1,691 1,661 | 2 R 4 | 183 185 | 47 43 | 7,463 7,276 | 0 | 9,394 9,176 | 0 | | | |
| 2013 | Ö | (s) | 7 | 1,694 | 2 R 4 | 171 | 43 45 45 51 | 7.413 | Ö | 9,176 R 9,333 | ő | | | |
| 2014 2015 | 0 | (s) | 4 | 1,664 1,856 | H 4 R 5 | 195 191 | 45 51 | 7,335 7,191 | 0 | R 9,248 R 9,301 | 0 | | | |
| 2016 | 0 | (s) (s) | 7 | 1,906 | R 5 R 5 | 209 | 48 | 7,186 | 5 | H 9.366 | 0 | | | |
| 2017 | 0 | (s) | 7 | 1.792 | R 2 | 151 | 44 39 38 | 7,167 | 7 | H 9.171 | 0 | | | |
| 2018 2019 | 0 | (s) (s) | 9 | 1,754 1,661 | R ₃ | 161 R 170 | 39 38 | 6,587 7,022 | 0 | R 8,552 R 8,903 | 0 | | | |
| 2020 | Ō | (s) | 7 | 1,519 | R ₂ | R 153 | 32 | 5,773 | Ō | R 7,486 | Ö | | | |
| 2021 | 0 | (s) | 9 | 1,539 | 1 | 208 | 33 | 6,373 | 2 | 8,191 | 0 | | | |
| 1000 | (-) | 0.0 | 0.4 | 1.5 | (-) | 0.4 | | Ilion Btu | 0.0 | 10.0 | 2.0 | 10.0 | 0.0 | 40.0 |
| 1960 1965 | (s) (s) (s) (s) | 0.0 0.0 | 0.1 0.1 | 1.5 1.1 | (s) (s) | 0.4 0.4 | 0.4 0.3 | 16.8 19.3 | 0.0 0.0 | 19.3 21.2 | 0.0 0.0 | 19.3 21.2 | 0.0 0.0 | 19.3 21.2 |
| 1970 | (s) | 0.0 | 0.1 | 2.0 | (s) | 0.7 | 0.3 0.3 | 26.2 | (s) | 29.3 | 0.0 | 29.3 | 0.0 | 29.3 33.4 |
| 1975 1980 | (s) 0.0 | 0.0 0.0 | 0.1 0.1 | 2.9 4.4 | (s) (s) | 0.7 0.8 | 0.3 0.3 | 29.4 28.3 | (s) 0.0 | 33.4 33.9 | 0.0 0.0 | 33.4 33.9 | 0.0 0.0 | 33.4 33.9 |
| 1985 | 0.0 | (s) | 0.1 | 5.7 | 0.1 | 1.1 | 0.3 | 29.7 | 0.0 | 37.0 | 0.0 | 37.0 | 0.0 | 37.0 |
| 1990 | 0.0 | (s) | 0.1 | 6.1 | (s) 0.1 | 1.0 | 0.3 0.3 | 34.5 | (s) 0.0 | 42.1 49.7 | 0.0 | 42.1 | 0.0 | 42.1 |
| 1995 2000 | 0.0 0.0 | (s) (s) | 0.1 0.2 | 11.5 7.2 | 0.1 | 0.7 0.8 | 0.3 | 37.0 43.2 | 0.0 | 49.7 51.8 | 0.0 0.0 | 49.7 51.8 | 0.0 0.0 | 49.7 51.8 |
| 2005 | 0.0 | (s) | 0.1 | 8.8 | | 2.4 | 0.3 | 42.4 | 0.0 | 54.0 | 0.0 | 54.0 | 0.0 | 54.0 |
| 2006 2007 | 0.0 0.0 | (s) (s) | 0.1 0.1 | 9.5 9.2 | (s) (s) (s) | 2.1 1.8 | 0.3 0.3 | 42.2 41.9 | 0.0 0.0 | 54.2 53.3 | 0.0 0.0 | 54.2 53.3 | 0.0 0.0 | 54.2 53.3 |
| 2008 | 0.0 | (s) | 0.1 | 8.5 | 0.1 | 1.5 | 0.3 | 40.2 | 0.0 | 50.6 | 0.0 | 50.6 | 0.0 | 50.6 |
| 2009 | 0.0 | (s) (s) 0.1 | 0.1 | 8.9 | (s) (s) | 2.9 0.9 1.0 | 0.2 | 39.9 | 0.0 | 52.1 | 0.0 | 52.1 | 0.0 | 52.1 |
| 2010 2011 | 0.0 0.0 | (s) 0.1 | (s) (s) | 9.9 9.8 | (S) (S) | 1.0 | 0.3 0.3 | 39.1 37.8 | 0.0 0.0 | 50.2 48.9 | 0.0 0.0 | 50.2 49.0 | 0.0 0.0 | 50.2 49.0 |
| 2012 | 0.0 | 0.1 | (s) | 9.6 | (s) | 1.0 | 0.3 | 36.8 | 0.0 | 47.8 | 0.0 | 47.9 | 0.0 | 47.9 48.7 |
| 2013 2014 | 0.0 0.0 | 0.1 0.1 | (s) | 9.8 9.6 | (s) | 1.0 1.1 | 0.3 | 37.5 37.1 | 0.0 0.0 | 48.6 48.1 | 0.0 0.0 | 48.7 48.2 | 0.0 0.0 | 48.7 |
| 2015 | 0.0 | 0.1 | (s) (s) | 10.7 | (s) (s) | 1.1 | 0.3 0.3 | 37.1 36.4 36.3 | 0.0 | 48.5 | 0.0 | 48.6 | 0.0 | 48.2 48.6 |
| 2016 | 0.0 | 0.1 | (s) | 11.0 | (s) | 1.2 | 0.3 | 36.3 | (s) | 48.9 47.7 | 0.0 | 49.0 | 0.0 | 49.0 |
| 2017 2018 | 0.0 0.0 | (s) (s) | (s) (s) | 10.3 10.1 | (s) (s) | 0.9 0.9 | 0.3 0.2 | 36.2 33.3 | (s) 0.0 | 47.7 44.6 | 0.0 0.0 | 47.8 44.6 | 0.0 0.0 | 47.8 44.6 |
| 2019 | 0.0 | (s) | (s) | 9.6 | (s) | 1.0 | 0.2 | 35.5 | 0.0 | 46.3 | 0.0 | 46.3 | 0.0 | 46.3 |
| 2020 2021 | 0.0 0.0 | (s) (s) | (s) (s) | 8.7 8.9 | (s) (s) (s) | R 0.9 1.2 | 0.2 0.2 | 29.2 32.2 | 0.0 (s) | 39.0 42.6 | 0.0 0.0 | 39.0 42.7 | 0.0 0.0 | 39.0 42.7 |
| | 0.0 | (3) | (0) | | (0) | 1.2 | | VL.E | (3) | 72.0 | | 72.7 | | 72.7 |

^a Transportation use of natural gas to operate pipelines and, since 1990, also includes vehicle fuel.

^b Beginning in 2009, includes biodiesel blended into distillate fuel oil. Beginning in 2011, includes renewable diesel blended into distillate fuel oil.

^c Hydrocarbon gas liquids, assumed to be propane only.

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 "Industrial sector, Other Petroleum."

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

Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers. Sales

to public railroads and railway systems only. Excludes electric vehicles.

⁹ There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of fuel ethanol beginning in 1981.

h For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.

ⁱ Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

^{— —} Not applicable.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

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

Neb 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/

Table CT8. Electric Power Sector Consumption Estimates, Selected Years, 1960-2021, Vermont

| | | | | Petro | leum | | | | Biomass | | | | | |
|--------------|------------------------|-----------------------------|-------------------------------------|-------------------|-----------------------------------|------------|------------------------------|-------------------------------------|-----------------------------|--------------|----------------------|-------------------|--|----------------------|
| | Coal | Natural Gas ^a | Distillate Fuel Oil ^b | Petroleum Coke | Residual Fuel Oil ^c | Total | Nuclear Electric Power | Hydroelectric Power ^d | Wood | Geothermal f | Solar ^{f,g} | Wind ^f | Electricity Net Imports ^h | |
| Year | Thousand Short Tons | Billion Cubic Feet | | Thousan | d Barrels | | Million Kil | owatthours | and Waste ^{e,f} | | Million K | ilowatthours | | Total ^{f,i} |
| 1960 | 19 | 0 | 8 | 0 | 1 | 9 | 0 | 809 | | 0 | NA | NA | 64 | |
| 1965 1970 | 43 55 | 0 | 38 268 | Ō | 3 | 42 | 0 | 661 | | 0 | NA | NA | 41 | |
| 1970 | 55 | 0 | 268 | 0 | 23 | 291 | 0 | 724 | | 0 | NA | NA | 50 | |
| 1975 1980 | 13 9 | 1 (2) | 86 63 | 0 | (s) 0 | 87 63 | 3,561 2,979 | 871 743 | | 0 | NA NA | NA NA | 75 187 | |
| 1985 | 28 | (s) (s) | 34 | 0 | 0 | 34 | 2,979 | 852 | | 0 | INA O | NA 0 | 321 | |
| 1990 | 0 | 1 | 8 | 0 | 0 | 8 | 3,616 | 1,348 | | 0 | ő | 0 | 321 1,710 | |
| 1995 | Ō | (s) | 39 | Ö | Ō | 39 | 3,859 | 954 | | Ö | Ö | Ö | 3,954 3,917 | |
| 2000 | 0 | `1 | 159 | 0 | 0 | 159 | 4,548 | 1,201 | | 0 | 0 | 12 | 3,917 | |
| 2005 | 0 | (s) | 12 | 0 | 0 | 12 | 4,072 | 1,190 | | 0 | 0 | 11 | 2,121 | |
| 2006 2007 | 0 | (S) | 8 | 0 | 0 | 8 | 5,107 4,704 | 1,497 645 | | 0 | 0 | 11 11 | 2,429 2,488 | |
| 2007 | 0 | (s) | 6 | 0 | 1 | 7 | 4,895 | 1,472 | | 0 | 0 | 10 | 2,493 | |
| 2009 | 0 | (s) | 3 | 0 | i | 4 | 5,361 | 1,461 | | 0 | ő | 12 | 2,563 | |
| 2010 | Ō | (s) | 5 | Ō | 1 | 5 | 4,782 | 1,322 | | Ō | Ö | 14 | 2,426 | |
| 2011 | 0 | (s) | 7 | 0 | . 1 | 7 | 4,907 | 1,401 | | 0 | 2 | 33 107 | 2,522 | |
| 2012 | 0 | (s) | 2 | 0 | (s) | 3 | 4,989 | 1,128 | | 0 | 5 | 107 | 11,499 | |
| 2013 2014 | 0 | (s) | 8 | 0 | 0 | 8 8 | 4,846 5,061 | 1,286 1,175 | | 0 | 17 24 | 236 311 | 11,739 11,157 | |
| 2014 | 0 | (5) | 5 | 0 | 0 | 5 | 0,001 | 1,175 | | 0 | 48 | 325 | 10,791 | |
| 2016 | 0 | (s) | 8 | 0 | 0 | 8 | 0 | 1,078 | | 0 | 59 | 291 | 8.955 | |
| 2017 | 0 | (s) | 15 | 0 | 0 | 15 | 0 | 1,280 | | 0 | 99 | 305 | 10,336 | |
| 2018 | 0 | (s) | 8 | 0 | 0 | 8 | 0 | 1,268 | | 0 | 107 | 373 | 9,720 | |
| 2019 | 0 | (s) | 3 | 0 | 0 | 3 | 0 | 1,337 | | 0 | 147 | 377 | 14,133 | |
| 2020 2021 | 0 | (s) (s) | 5 6 | 0 | 0 | 5 6 | 0 | 1,130 1,093 | | 0 | 183 173 | 384 338 | 14,065 13,904 | |
| | | | | | | | Trillion Btu | | | | | | | |
| 1960 | 0.5 | 0.0 | (s) 0.2 | 0.0 | (s) | 0.1 | 0.0 | 8.7 | 0.0 | 0.0 | NA | NA | 0.2 | 9.5 8.5 |
| 1965 | 1.2 | 0.0 | | 0.0 | (s) | 0.2 | 0.0 | 6.9 | 0.0 | 0.0 | NA | NA | 0.1 | 8.5 |
| 1970 1975 | 1.4 | 0.0 0.6 | 1.6 0.5 | 0.0 0.0 | 0.1 | 1.7 0.5 | 0.0 39.2 | 7.6 9.1 | 0.0 0.0 | 0.0 0.0 | NA NA | NA NA | 0.2 0.3 | 10.8 |
| 1980 | 0.3 0.2 | 0.0 | 0.4 | 0.0 | (s) 0.0 | 0.4 | 32.5 | 7.7 | 0.0 | 0.0 | NA NA | NA NA | 0.6 | 49.9 42.2 |
| 1985 | 0.7 | 0.1 | 0.2 | 0.0 | 0.0 | 0.2 | 31.9 | 8.9 | 2.9 | 0.0 | 0.0 | 0.0 | 1.1 | 45.8 |
| 1990 | 0.0 | 0.7 | (s) 0.2 | 0.0 | 0.0 | (s) 0.2 | 38.3 | 14.0 | 1.0 | 0.0 | 0.0 | 0.0 | 5.8 | 59.9 |
| 1995 | 0.0 | 0.1 | 0.2 | 0.0 | 0.0 | 0.2 | 40.5 | 9.8 | 3.4 | 0.0 | 0.0 | 0.0 | 13.5 | 67.7 |
| 2000 | 0.0 | 1.0 | 0.9 | 0.0 | 0.0 | 0.9 | 47.4 | 12.3 | 3.9 | 0.0 | 0.0 | 0.1 | 13.4 | 79.1 |
| 2005 2006 | 0.0 0.0 | (s) (s) | 0.1 | 0.0 0.0 | 0.0 0.0 | 0.1 (s) | 42.5 53.3 | 11.9 14.8 | 5.3 5.8 | 0.0 0.0 | 0.0 0.0 | 0.1 0.1 | 7.2 8.3 | 67.1 82.5 |
| 2007 | 0.0 | (s) | (s) 0.1 | 0.0 | 0.0 | 0.1 | 49.3 | 6.4 | 6.0 | 0.0 | 0.0 | 0.1 | 8.5 | 70.4 |
| 2008 | 0.0 | (s) | (s) | 0.0 | (s) | (s) | 51.2 | 14.5 | 5.6 | 0.0 | 0.0 | 0.1 | 8.5 | 80.0 |
| 2009 | 0.0 | 0.1 | (s) | 0.0 | (s) | (s) | 56.1 | 14.3 | 5.7 | 0.0 | 0.0 | 0.1 | 8.7 8.3 | 84.9 |
| 2010 | 0.0 | 0.1 | (s) | 0.0 | (s) | (s) | 50.0 | 12.9 | 6.5 | 0.0 | 0.0 | 0.1 | 8.3 | 77.9 |
| 2011 2012 | 0.0 0.0 | (s) (s) | (s) | 0.0 0.0 | (s) | (s) (s) | 51.4 52.3 | 13.6 10.7 | 5.5 5.0 | 0.0 0.0 | (s) | 0.3 1.0 | 8.6 39.2 | 79.5 108.3 |
| 2012 | 0.0 | (S) | (S) (S) | 0.0 | (s) 0.0 | (S) (S) | 52.3 50.6 | 12.3 | 6.8 | 0.0 | (s) 0.2 | 2.3 | 39.2 40.1 | 112.3 |
| 2013 | 0.0 | (s) | (s) | 0.0 0.0 | 0.0 | (s) | 52.9 | 11.2 | 6.4 | 0.0 | 0.2 | 3.0 | 38.1 | 111.8 |
| 2015 | 0.0 | (s) | (s) | 0.0 | 0.0 | (s) | 0.0 | 10.6 | 6.5 | 0.0 | 0.4 | 3.0 | 36.8 | 57.5 50.4 |
| 2016 | 0.0 | (s) | (s) | 0.0 | 0.0 | (s) | 0.0 | 9.9 | 6.6 | 0.0 | 0.5 | 2.7 | 30.6 | 50.4 |
| 2017 | 0.0 | (s) | 0.1 | 0.0 | 0.0 | 0.1 | 0.0 | 11.8 | 6.2 | 0.0 | 0.9 | 2.8 | 35.3 | 57.0 55.2 70.7 |
| 2018 2019 | 0.0 0.0 | (s) (s) | (s) (s) | 0.0 0.0 | 0.0 0.0 | (s) (s) | 0.0 0.0 | 11.5 11.9 | 6.1 5.9 | 0.0 0.0 | 1.0 1.3 | 3.4 3.4 | 33.2 48.2 | 55.2 |
| 2019 | 0.0 | (S) | (S) (S) | 0.0 | 0.0 | (S) (S) | 0.0 | 9.9 | 6.4 | 0.0 | 1.6 | 3.4 | 48.0 | 69.3 |
| 2021 | 0.0 | (s) | (s) | 0.0 | 0.0 | (s) | 0.0 | 9.7 | 7.1 | 0.0 | 1.5 | 3.0 | 47.4 | 68.8 |
| | | (0) | (3) | | | (0) | | | | | | | **** | 30.0 |

a Includes supplemental gaseous fuels that are commingled with natural gas.
 b 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.

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.

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

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.

§ Solar thermal and photovoltaic energy.

h Electricity traded with Canada and Mexico. Btu value calculated by converting net imports in kilowatthours by 3,412 Btu per kilowatthour.

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 the total.

^{-- =} Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than +0.5 and greater than -0.5 or Btu value less than +0.05 and greater than -0.05.

Notes: Totals may not equal sum of components due to independent rounding. The electric power sector consists of 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 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/