

Table 1.3 Primary Energy Consumption by Source
(Quadrillion Btu)

| | Fossil Fuels ^a | | | | Nuclear Electric Power | Renewable Energy ^b | | | | | | Total ^g |
|--------------------|---------------------------|--------------------------|------------------------|--------------------|------------------------|----------------------------------|------------|-------|-------|----------|-------|--------------------|
| | Coal | Natural Gas ^c | Petroleum ^d | Total ^e | | Hydroelectric Power ^f | Geothermal | Solar | Wind | Bio-mass | Total | |
| 1950 Total | 12.347 | 5.968 | 13.298 | 31.615 | 0.000 | 0.344 | NA | NA | NA | 1.562 | 1.907 | 33.527 |
| 1955 Total | 11.167 | 8.998 | 17.225 | 37.380 | .000 | .397 | NA | NA | NA | 1.424 | 1.821 | 39.215 |
| 1960 Total | 9.838 | 12.385 | 19.874 | 42.091 | .006 | .510 | (s) | NA | NA | 1.320 | 1.830 | 43.942 |
| 1965 Total | 11.581 | 15.769 | 23.184 | 50.515 | .043 | .672 | .001 | NA | NA | 1.335 | 2.008 | 52.565 |
| 1970 Total | 12.265 | 21.795 | 29.499 | 63.501 | .239 | .856 | .002 | NA | NA | 1.431 | 2.289 | 66.036 |
| 1975 Total | 12.663 | 19.948 | 32.699 | 65.323 | 1.900 | 1.034 | .011 | NA | NA | 1.499 | 2.544 | 69.788 |
| 1980 Total | 15.423 | 20.235 | 34.159 | 69.782 | 2.739 | .953 | .017 | NA | NA | 2.475 | 3.445 | 76.038 |
| 1985 Total | 17.478 | 17.703 | 30.866 | 66.035 | 4.076 | .970 | .032 | (s) | (s) | 3.016 | 4.018 | 74.268 |
| 1990 Total | 19.173 | 19.603 | 33.500 | 72.281 | 6.104 | .999 | .063 | .056 | .010 | 2.735 | 3.863 | 82.256 |
| 1995 Total | 20.089 | 22.671 | 34.341 | 77.162 | 7.075 | 1.061 | .060 | .064 | .011 | 3.101 | 4.297 | 88.668 |
| 2000 Total | 22.580 | 23.824 | 38.152 | 84.620 | 7.862 | .940 | .069 | .059 | .019 | 3.008 | 4.096 | 96.694 |
| 2005 Total | 22.797 | 22.565 | 40.217 | 85.623 | 8.161 | .922 | .084 | .052 | .061 | 3.114 | 4.233 | 98.101 |
| 2010 Total | 20.834 | 24.575 | 35.321 | 80.723 | 8.434 | .888 | .111 | .068 | .323 | 4.506 | 5.896 | 95.142 |
| 2011 Total | 19.658 | 24.955 | 34.639 | 79.263 | 8.269 | 1.090 | .116 | .076 | .410 | 4.616 | 6.308 | 93.966 |
| 2012 Total | 17.378 | 26.089 | 33.833 | 77.304 | 8.062 | .943 | .117 | .094 | .480 | 4.517 | 6.150 | 91.677 |
| 2013 Total | 18.039 | 26.805 | 34.398 | 79.224 | 8.244 | .916 | .117 | .120 | .573 | 4.861 | 6.587 | 94.253 |
| 2014 Total | 17.998 | 27.383 | 34.658 | 80.017 | 8.338 | .885 | .118 | .161 | .620 | 5.016 | 6.799 | 95.335 |
| 2015 Total | 15.549 | 28.191 | 35.368 | 79.090 | 8.337 | .850 | .118 | .196 | .651 | 5.015 | 6.829 | 94.484 |
| 2016 Total | 14.226 | 28.400 | 35.712 | 78.319 | 8.427 | .914 | .117 | .251 | .774 | 5.063 | 7.120 | 94.092 |
| 2017 Total | 13.837 | 28.055 | 36.043 | 77.907 | 8.419 | 1.025 | .118 | .329 | .868 | 5.045 | 7.383 | 93.902 |
| 2018 Total | 13.252 | 31.163 | 36.892 | 81.281 | 8.438 | .998 | .118 | .384 | .930 | 5.105 | 7.535 | 97.405 |
| 2019 Total | 11.316 | 32.264 | 36.866 | 80.425 | 8.452 | .982 | .116 | .430 | 1.010 | 5.056 | 7.594 | 96.603 |
| 2020 Total | 9.181 | 31.640 | 32.331 | 73.139 | 8.251 | .973 | .118 | .511 | 1.153 | 4.545 | 7.301 | 88.852 |
| 2021 Total | 10.549 | 31.711 | 35.243 | 77.454 | 8.131 | .858 | .118 | .627 | 1.290 | 4.751 | 7.644 | 93.363 |
| 2022 January | 1.008 | 3.704 | 2.915 | 7.622 | .737 | .083 | .010 | .042 | .128 | .404 | .666 | 9.036 |
| February | .838 | 3.153 | 2.726 | 6.715 | .646 | .073 | .009 | .047 | .128 | .370 | .628 | 7.995 |
| March | .733 | 2.872 | 3.063 | 6.663 | .660 | .083 | .010 | .063 | .147 | .412 | .715 | 8.044 |
| April | .663 | 2.434 | 2.858 | 5.949 | .578 | .068 | .010 | .071 | .158 | .393 | .700 | 7.235 |
| May | .745 | 2.313 | 2.982 | 6.031 | .662 | .080 | .010 | .079 | .144 | .412 | .725 | 7.427 |
| June | .870 | 2.393 | 2.967 | 6.225 | .687 | .089 | .010 | .083 | .115 | .414 | .710 | 7.637 |
| July | 1.018 | 2.674 | 2.986 | 6.673 | .719 | .084 | .010 | .083 | .101 | .415 | .692 | 8.103 |
| August | .997 | 2.650 | 3.064 | 6.706 | .720 | .072 | .010 | .077 | .084 | .421 | .664 | 8.111 |
| September | .783 | 2.368 | 2.943 | 6.089 | .666 | .058 | .010 | .070 | .093 | .387 | .618 | 7.386 |
| October | .673 | 2.439 | 2.999 | 6.108 | .616 | .049 | .010 | .063 | .112 | .413 | .647 | 7.380 |
| November | .690 | 2.859 | 2.931 | 6.478 | .648 | .061 | .010 | .047 | .141 | .407 | .665 | 7.800 |
| December | .871 | 3.490 | 2.884 | 7.240 | .722 | .070 | .010 | .040 | .132 | .409 | .661 | 8.636 |
| Total | 9.888 | 33.347 | 35.319 | 78.498 | 8.061 | .869 | .118 | .765 | 1.482 | 4.857 | 8.091 | 94.791 |
| 2023 January | .749 | 3.415 | 2.842 | 7.003 | .740 | .076 | .011 | .044 | .134 | .420 | .685 | R 8.440 |
| February | .582 | R 3.048 | 2.658 | R 6.287 | .635 | .064 | .009 | .050 | .144 | .376 | .644 | R 7.573 |
| March | .618 | 3.115 | 2.991 | 6.722 | .656 | .069 | .010 | .067 | .152 | .420 | .718 | 8.106 |
| April | .499 | 2.503 | 2.888 | 5.888 | .592 | .060 | .010 | .079 | .147 | .391 | .687 | 7.174 |
| May | .552 | 2.392 | 3.026 | 5.967 | .642 | .094 | .010 | .090 | .109 | .432 | .735 | 7.354 |
| June | .703 | R 2.444 | 2.978 | R 6.122 | .679 | .066 | .010 | .092 | .094 | .420 | .682 | R 7.488 |
| July | .913 | 2.755 | 2.993 | 6.659 | .730 | .072 | .010 | .098 | .095 | .418 | .693 | R 8.086 |
| August | .902 | 2.764 | 3.130 | 6.794 | .729 | .072 | .010 | .093 | .097 | .431 | .703 | 8.230 |
| September | .716 | 2.455 | 2.906 | 6.073 | .685 | .056 | .010 | .082 | .096 | .408 | .652 | 7.410 |
| October | .628 | 2.522 | 3.074 | 6.223 | .642 | .062 | .010 | .074 | .124 | .420 | .690 | 7.556 |
| November | .630 | R 2.919 | 2.978 | R 6.524 | .650 | .062 | .010 | .056 | .126 | .410 | .665 | R 7.841 |
| December | .674 | 3.277 | 2.963 | 6.909 | .720 | .066 | .010 | .051 | .131 | .432 | .690 | 8.324 |
| Total | 8.167 | 33.611 | 35.427 | R 77.172 | 8.101 | .818 | .120 | .876 | 1.451 | 4.978 | 8.245 | 93.583 |
| 2024 January | R .875 | R 3.822 | 2.886 | R 7.582 | .722 | .072 | .010 | .053 | .119 | .407 | .662 | R 8.971 |
| February | R .558 | R 3.070 | 2.728 | R 6.354 | .675 | .067 | .009 | .065 | .142 | .399 | .682 | R 7.711 |
| March | R .489 | R 2.887 | 2.924 | R 6.296 | .662 | .078 | .010 | .083 | .157 | .422 | .749 | R 7.706 |
| April | .465 | 2.475 | 2.875 | 5.811 | .599 | .065 | .010 | .098 | .163 | .401 | .736 | 7.148 |
| 4-Month Total | 2.387 | 12.255 | 11.412 | 26.043 | 2.657 | .283 | .039 | .299 | .581 | 1.629 | 2.829 | 31.537 |
| 2023 4-Month Total | 2.449 | 12.082 | 11.379 | 25.901 | 2.624 | .268 | .040 | .241 | .577 | 1.607 | 2.734 | 31.292 |
| 2022 4-Month Total | 3.241 | 12.162 | 11.562 | 26.948 | 2.621 | .307 | .039 | .223 | .560 | 1.579 | 2.709 | 32.310 |

^a Includes non-combustion use of fossil fuels.
^b Most data are estimates. See Tables 10.1–10.2c for notes on series components and estimation; and see Note, "Renewable Energy Production and Consumption," at end of Section 10.
^c Natural gas only; excludes supplemental gaseous fuels. See Note 3, "Supplemental Gaseous Fuels," at end of Section 4.
^d Petroleum products supplied; excludes biofuels. Biofuels are included in "Biomass."
^e Includes coal coke net imports. See Table 1.4c.
^f Conventional hydroelectric power.
^g Includes coal coke net imports and electricity net imports, which are not

separately displayed. See Table 1.4c.
R=Revised. NA=Not available. (s)=Less than 0.5 trillion Btu.
Notes: • See "Primary Energy Consumption" in Glossary.
• See Table D1 for estimated energy consumption for 1635–1945. • Totals may not equal sum of components due to independent rounding.
• Geographic coverage is the 50 states and the District of Columbia.
Web Page: See <http://www.eia.gov/totalenergy/data/monthly/#summary> (Excel and CSV files) for all available annual data beginning in 1949 and monthly data beginning in 1973.
Sources: See end of section.