

Table 2.2 Residential Sector Energy Consumption
(Trillion Btu)

| | Primary Consumption ^a | | | | | | | | Total Primary | Electricity Retail Sales ^e | Electrical System Energy Losses ^f | Total |
|--------------------|----------------------------------|--------------------------|-----------|---------|-------------------------------|--------------------|----------|-------|---------------|---------------------------------------|--|----------|
| | Fossil Fuels | | | | Renewable Energy ^b | | | | | | | |
| | Coal | Natural Gas ^c | Petroleum | Total | Geothermal | Solar ^d | Bio-mass | Total | | | | |
| 1950 Total | 1,261 | 1,240 | 1,322 | 3,824 | NA | NA | 1,006 | 1,006 | 4,829 | 246 | 913 | 5,989 |
| 1955 Total | 867 | 2,198 | 1,767 | 4,833 | NA | NA | 775 | 775 | 5,608 | 438 | 1,232 | 7,278 |
| 1960 Total | 585 | 3,212 | 2,227 | 6,024 | NA | NA | 627 | 627 | 6,651 | 687 | 1,701 | 9,039 |
| 1965 Total | 352 | 4,028 | 2,432 | 6,811 | NA | NA | 468 | 468 | 7,279 | 993 | 2,367 | 10,639 |
| 1970 Total | 209 | 4,987 | 2,725 | 7,922 | NA | NA | 401 | 401 | 8,322 | 1,591 | 3,852 | 13,766 |
| 1975 Total | 63 | 5,023 | 2,479 | 7,564 | NA | NA | 425 | 425 | 7,990 | 2,007 | 4,817 | 14,813 |
| 1980 Total | 31 | 4,825 | 1,734 | 6,589 | NA | NA | 850 | 850 | 7,439 | 2,448 | 5,866 | 15,753 |
| 1985 Total | 39 | 4,534 | 1,565 | 6,138 | NA | NA | 1,010 | 1,010 | 7,148 | 2,709 | 6,184 | 16,041 |
| 1990 Total | 31 | 4,487 | 1,394 | 5,912 | 6 | 55 | 580 | 640 | 6,552 | 3,153 | 7,235 | 16,940 |
| 1995 Total | 17 | 4,954 | 1,373 | 6,345 | 7 | 63 | 520 | 589 | 6,934 | 3,557 | 8,026 | 18,517 |
| 2000 Total | 11 | 5,105 | 1,553 | 6,669 | 9 | 58 | 420 | 486 | 7,156 | 4,069 | 9,197 | 20,421 |
| 2001 Total | 12 | 4,889 | 1,528 | 6,429 | 9 | 55 | 370 | 435 | 6,864 | 4,100 | 9,074 | 20,038 |
| 2002 Total | 12 | 4,995 | 1,456 | 6,463 | 10 | 53 | 380 | 443 | 6,907 | 4,317 | 9,562 | 20,786 |
| 2003 Total | 12 | 5,209 | 1,546 | 6,768 | 13 | 52 | 400 | 465 | 7,232 | 4,353 | 9,534 | 21,119 |
| 2004 Total | 11 | 4,981 | 1,519 | 6,511 | 14 | 51 | 410 | 475 | 6,987 | 4,408 | 9,687 | 21,081 |
| 2005 Total | 8 | 4,946 | 1,450 | 6,405 | 16 | 50 | 430 | 496 | 6,901 | 4,638 | 10,074 | 21,613 |
| 2006 Total | 6 | 4,476 | 1,221 | 5,704 | 18 | 53 | 380 | 451 | 6,154 | 4,611 | 9,905 | 20,670 |
| 2007 Total | 8 | 4,835 | 1,249 | 6,092 | 22 | 55 | 420 | 497 | 6,589 | 4,750 | 10,180 | 21,519 |
| 2008 Total | NA | 5,010 | 1,324 | 6,334 | 26 | 58 | 470 | 555 | 6,889 | 4,711 | 10,068 | 21,668 |
| 2009 Total | NA | 4,883 | 1,157 | 6,040 | 33 | 60 | 504 | 597 | 6,637 | 4,657 | 9,788 | 21,081 |
| 2010 Total | NA | 4,878 | 1,120 | 5,998 | 37 | 65 | 541 | 642 | 6,640 | 4,933 | 10,321 | 21,894 |
| 2011 Total | NA | 4,805 | 1,033 | 5,838 | 40 | 71 | 524 | 635 | 6,472 | 4,855 | 10,054 | 21,381 |
| 2012 Total | NA | 4,242 | 885 | 5,127 | 40 | 79 | 438 | 557 | 5,684 | 4,690 | 9,496 | 19,870 |
| 2013 Total | NA | 5,023 | 963 | 5,986 | 40 | 91 | 572 | 703 | 6,688 | 4,759 | 9,604 | 21,051 |
| 2014 Total | NA | 5,242 | 1,036 | 6,278 | 40 | 109 | 579 | 728 | 7,006 | 4,801 | 9,638 | 21,445 |
| 2015 Total | NA | 4,777 | 1,007 | 5,783 | 40 | 128 | 513 | 680 | 6,464 | 4,791 | 9,362 | 20,617 |
| 2016 Total | NA | 4,506 | 878 | 5,384 | 40 | 161 | 448 | 649 | 6,032 | 4,815 | 9,334 | 20,181 |
| 2017 January | NA | 860 | R 105 | R 965 | 3 | 10 | 37 | 50 | R 1,015 | 441 | 859 | R 2,315 |
| February | NA | 599 | 79 | R 678 | 3 | 11 | 33 | 47 | R 725 | 345 | 638 | R 1,708 |
| March | NA | 600 | 80 | R 679 | 3 | 16 | 37 | 56 | R 735 | 352 | 685 | R 1,772 |
| April | NA | 288 | R 67 | 356 | 3 | 18 | 36 | 57 | R 412 | 310 | 588 | R 1,310 |
| May | NA | 206 | R 58 | R 264 | 3 | 20 | 37 | 60 | 324 | 335 | 665 | R 1,324 |
| June | NA | 128 | R 63 | R 191 | 3 | 20 | 36 | 59 | R 250 | 418 | 814 | R 1,482 |
| July | NA | 111 | R 54 | R 165 | 3 | 21 | 37 | 61 | R 226 | 511 | 1,006 | R 1,744 |
| August | NA | 107 | R 55 | R 162 | 3 | 20 | 37 | 60 | R 222 | 485 | 907 | R 1,614 |
| September | NA | 118 | R 56 | R 174 | 3 | 18 | 36 | 57 | R 231 | 405 | 742 | 1,379 |
| October | NA | 212 | 65 | 277 | 3 | 16 | 37 | 56 | R 333 | 351 | 665 | R 1,349 |
| November | NA | 484 | R 84 | R 568 | 3 | 13 | 36 | 51 | R 619 | 335 | 662 | R 1,617 |
| December | NA | 850 | R 106 | R 956 | 3 | 12 | 37 | 52 | R 1,008 | 416 | 856 | R 2,280 |
| Total | NA | 4,563 | R 87 | R 5,434 | 40 | 193 | 433 | 666 | R 6,100 | 4,704 | 9,085 | R 19,890 |
| 2018 January | NA | 1,011 | R 128 | R 1,139 | 3 | 12 | 44 | 59 | R 1,198 | 508 | 1,005 | R 2,711 |
| February | NA | 711 | R 87 | R 799 | 3 | 13 | 40 | 56 | R 855 | 387 | 731 | R 1,973 |
| March | NA | 680 | R 83 | R 762 | 3 | 18 | 44 | 66 | R 828 | 365 | 712 | R 1,905 |
| April | NA | 454 | R 75 | R 530 | 3 | 21 | 43 | 67 | R 596 | 325 | 629 | R 1,550 |
| May | NA | 174 | 59 | R 233 | 3 | 23 | 44 | 70 | R 303 | 353 | 731 | R 1,387 |
| June | NA | 123 | R 53 | R 176 | 3 | 23 | 43 | 69 | R 245 | 442 | 884 | R 1,570 |
| July | NA | 109 | R 55 | R 164 | 3 | 24 | 44 | 71 | R 235 | 522 | 1,034 | 1,792 |
| August | NA | 103 | R 53 | R 156 | 3 | 23 | 44 | 70 | R 226 | 522 | 986 | R 1,734 |
| September | NA | 116 | R 56 | R 172 | 3 | 20 | 43 | 66 | R 238 | 438 | 819 | R 1,496 |
| October | NA | 264 | R 81 | R 345 | 3 | 18 | 44 | 65 | R 410 | 364 | 671 | R 1,445 |
| November | NA | 617 | R 96 | R 713 | 3 | 15 | 43 | 60 | R 773 | 353 | 715 | R 1,841 |
| December | NA | R 790 | R 119 | R 909 | 3 | 13 | 44 | 61 | R 970 | 418 | 829 | R 2,218 |
| Total | NA | R 5,151 | R 945 | R 6,096 | 40 | 224 | 517 | 780 | R 6,877 | 4,996 | 9,748 | R 21,621 |
| 2019 January | NA | R 984 | R 119 | R 1,103 | 3 | 14 | 45 | 62 | R 1,165 | 454 | R 892 | R 2,511 |
| February | NA | 836 | 101 | 937 | 3 | 15 | 41 | 59 | 995 | 397 | 737 | 2,130 |
| 2-Month Total | NA | 1,820 | 220 | 2,040 | 6 | 29 | 86 | 121 | 2,161 | 851 | 1,629 | 4,641 |
| 2018 2-Month Total | NA | 1,722 | 215 | 1,938 | 6 | 25 | 84 | 115 | 2,053 | 895 | 1,736 | 4,684 |
| 2017 2-Month Total | NA | 1,459 | 184 | 1,643 | 6 | 21 | 70 | 97 | 1,740 | 785 | 1,497 | 4,023 |

^a See "Primary Energy Consumption" in Glossary.

^b See Table 10.2a for notes on series components.

^c Natural gas only; excludes the estimated portion of supplemental gaseous fuels. See Note 3, "Supplemental Gaseous Fuels," at end of Section 4.

^d Distributed (small-scale) solar photovoltaic (PV) electricity generation in the residential sector and distributed solar thermal energy in the residential, commercial, and industrial sectors. See Tables 10.2a and 10.5.

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

^f Total losses are calculated as the primary energy consumed by the electric power sector minus the energy content of electricity retail sales. Total losses are allocated to the end-use sectors in proportion to each sector's share of total

electricity retail sales. See Note 1, "Electrical System Energy Losses," at end of section.

R=Revised. NA=Not available.

Notes: • Data are estimates, except for electricity retail sales. • See Note 2, "Energy Consumption Data and Surveys," at end of section. • 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/#consumption> (Excel and CSV files) for all available annual data beginning in 1949 and monthly data beginning in 1973.

Sources: See end of section.