

Table 2.2 Residential Sector Energy Consumption
(Trillion Btu)

| | Primary Consumption ^a | | | | | | | | | Electricity Retail Sales ^e | Electrical System Energy Losses ^f | Total |
|---------------------|----------------------------------|--------------------------|------------|--------------|-------------------------------|--------------------|--------------|--------------|----------------|---------------------------------------|--|-----------------|
| | Fossil Fuels | | | | Renewable Energy ^b | | | | Total Primary | | | |
| | Coal | Natural Gas ^c | Petroleum | Total | Geo-thermal | 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 | 4,491 | 1,394 | 5,916 | 6 | 55 | 580 | 640 | 6,556 | 3,153 | 7,235 | 16,944 |
| 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 | 58 | 420 | 486 | 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 | 444 | 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 | 500 | 593 | 6,633 | 4,657 | 9,788 | 21,077 |
| 2010 Total | NA | 4,878 | 1,121 | 5,999 | 37 | 65 | 440 | 541 | 6,540 | 4,933 | 10,321 | 21,795 |
| 2011 Total | NA | 4,805 | 1,028 | 5,833 | 40 | 71 | 450 | 560 | 6,393 | 4,855 | 10,054 | 21,302 |
| 2012 Total | NA | 4,242 | 891 | 5,133 | 40 | 79 | 420 | 539 | 5,672 | 4,690 | 9,496 | 19,857 |
| 2013 Total | NA | 5,023 | 971 | 5,994 | 40 | 92 | 580 | 711 | 6,706 | 4,759 | 9,604 | 21,069 |
| 2014 Total | NA | 5,242 | 1,008 | 6,250 | 40 | 109 | 587 | 735 | 6,985 | 4,801 | 9,638 | 21,425 |
| 2015 January | NA | 972 | 118 | 1,090 | 3 | 6 | 37 | 47 | 1,137 | 470 | 933 | 2,540 |
| February | NA | 935 | 104 | 1,039 | 3 | 7 | R 33 | 44 | R 1,082 | 423 | 830 | 2,335 |
| March | NA | 656 | 89 | 744 | 3 | 10 | 37 | R 50 | R 795 | 400 | 752 | 1,947 |
| April | NA | 331 | 63 | 394 | 3 | 11 | 36 | R 50 | 444 | 308 | 584 | 1,336 |
| May | NA | 184 | 67 | 251 | 3 | 12 | 37 | 53 | R 303 | 325 | 667 | 1,295 |
| June | NA | 128 | 51 | 180 | 3 | 13 | 36 | 52 | 232 | 410 | 836 | R 1,478 |
| July | NA | 112 | 56 | 168 | 3 | 13 | 37 | 54 | R 222 | 498 | 1,007 | R 1,727 |
| August | NA | 106 | 60 | 166 | 3 | 13 | 37 | 54 | R 220 | 493 | 966 | R 1,679 |
| September | NA | 112 | 56 | 169 | 3 | 12 | 36 | R 51 | 220 | 428 | 797 | R 1,444 |
| October | NA | 209 | 98 | 307 | 3 | 11 | 37 | R 51 | 359 | 339 | 630 | 1,327 |
| November | NA | 421 | 104 | 525 | 3 | 9 | 36 | R 48 | 573 | 316 | 622 | 1,511 |
| December | NA | 612 | 117 | 729 | 3 | 8 | 37 | 49 | 778 | 381 | 743 | 1,902 |
| Total | NA | 4,777 | 983 | 5,760 | 40 | 128 | R 436 | R 603 | R 6,363 | 4,791 | 9,362 | R 20,516 |
| 2016 January | NA | 910 | 97 | 1,007 | 3 | 8 | R 30 | R 41 | R 1,048 | 447 | 886 | R 2,381 |
| February | NA | 714 | 92 | 806 | 3 | 10 | R 28 | R 40 | R 846 | 396 | 733 | R 1,975 |
| March | NA | 471 | 76 | 547 | 3 | 13 | R 30 | R 46 | R 593 | 342 | 637 | R 1,572 |
| April | NA | 339 | 67 | 406 | 3 | 15 | R 29 | R 46 | R 452 | 301 | 578 | R 1,331 |
| May | NA | 200 | 66 | 266 | 3 | 16 | R 30 | R 49 | R 315 | 321 | 643 | R 1,280 |
| June | NA | 127 | 53 | 179 | 3 | 17 | R 29 | R 48 | R 228 | 427 | 864 | R 1,519 |
| July | NA | 110 | 57 | 168 | 3 | 17 | R 30 | R 50 | R 218 | 527 | 1,062 | R 1,807 |
| August | NA | 104 | 50 | 154 | 3 | 17 | R 30 | R 50 | R 204 | 534 | 1,023 | R 1,761 |
| September | NA | 113 | 61 | 175 | 3 | 15 | R 29 | R 47 | R 221 | 441 | 805 | R 1,468 |
| October | NA | 194 | 75 | 268 | 3 | 13 | R 30 | R 46 | R 315 | 346 | 648 | R 1,309 |
| November | NA | 393 | 74 | 467 | 3 | 11 | R 29 | R 43 | R 510 | 318 | 608 | R 1,436 |
| December | NA | 822 | 106 | 927 | 3 | 10 | R 30 | R 43 | R 970 | 414 | 844 | R 2,229 |
| Total | NA | 4,496 | 873 | 5,369 | 40 | 161 | R 349 | R 550 | R 5,919 | 4,815 | 9,326 | R 20,060 |
| 2017 January | NA | 861 | R 105 | 967 | 3 | 10 | R 28 | R 42 | R 1,008 | R 441 | R 876 | R 2,326 |
| February | NA | 602 | 80 | R 681 | 3 | 11 | R 26 | R 40 | R 721 | R 346 | R 652 | R 1,719 |
| March | NA | 602 | R 79 | R 681 | 3 | 16 | R 28 | R 47 | R 729 | R 353 | R 708 | R 1,790 |
| April | NA | 290 | 69 | 359 | 3 | R 17 | R 27 | R 48 | R 407 | 310 | R 607 | R 1,324 |
| May | NA | R 207 | 58 | 266 | 3 | 19 | R 28 | R 51 | R 317 | R 338 | R 684 | R 1,338 |
| June | NA | 128 | R 63 | 192 | 3 | 20 | R 27 | R 51 | R 242 | 416 | R 833 | R 1,492 |
| July | NA | 111 | 54 | R 165 | 3 | 20 | R 28 | R 52 | R 213 | R 509 | R 1,021 | R 1,747 |
| August | NA | 108 | R 54 | 162 | 3 | 20 | R 28 | R 52 | R 217 | R 485 | R 926 | R 1,624 |
| September | NA | 119 | 57 | 176 | 3 | 18 | R 27 | R 49 | R 224 | R 406 | R 757 | R 1,387 |
| October | NA | 211 | 65 | 276 | 3 | 16 | R 28 | R 48 | R 323 | 351 | R 682 | R 1,357 |
| November | NA | 483 | 85 | R 567 | 3 | 13 | R 27 | R 44 | R 611 | R 334 | R 670 | R 1,615 |
| December | NA | 854 | 107 | 960 | 3 | 12 | 28 | 44 | 1,004 | 415 | 860 | 2,279 |
| Total | NA | 4,575 | 876 | 5,451 | 40 | 192 | 334 | 566 | 6,017 | 4,705 | 9,275 | 19,996 |

^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.