

Table 1. Consumption and Expenditures in U.S. Households that Use Electricity, 1987

| Characteristics | Total Households (million) | Residential Buildings | | Average Electricity | | | | | | | |
|---|-------------------------------|---------------------------|---------------------------------------|-------------------------------|-----------------------------------|--------------------------------|---------------------------------------|---------------------------|------------------------------|----------------------------|-----------------------------------|
| | | Total Number (million) | Total Floorspace (billion sq. ft.) | Consumption | | | | Expenditures | | | |
| | | | | per Building (million Btu) | per Square Foot (thousand Btu) | per Household (million Btu) | per Household Member (million Btu) | per Building (dollars) | per Square Foot (dollars) | per Household (dollars) | per Household Member (dollars) |
| Total | 90.5 | 70.4 | 156.8 | 39 | 18 | 30.5 | 12 | 875 | 0.39 | 680 | 262 |
| Census Region and Division | | | | | | | | | | | |
| Northeast | 19.0 | 13.2 | 36.8 | 34 | 12 | 23.3 | 9 | 934 | 0.34 | 648 | 251 |
| New England | 4.3 | 3.0 | 8.4 | 33 | 12 | 22.9 | 9 | 864 | 0.30 | 600 | 234 |
| Middle Atlantic | 14.8 | 10.2 | 28.4 | 34 | 12 | 23.4 | 9 | 954 | 0.34 | 661 | 256 |
| Midwest | 22.3 | 18.1 | 44.3 | 34 | 14 | 27.4 | 11 | 779 | 0.32 | 633 | 247 |
| East North Central | 15.9 | 12.7 | 31.5 | 33 | 13 | 26.4 | 10 | 787 | 0.32 | 628 | 242 |
| West North Central | 6.4 | 5.4 | 12.8 | 35 | 15 | 29.8 | 12 | 762 | 0.32 | 644 | 258 |
| South | 30.9 | 25.6 | 47.1 | 48 | 26 | 39.5 | 15 | 981 | 0.53 | 813 | 314 |
| South Atlantic | 15.6 | 13.0 | 24.4 | 47 | 25 | 38.9 | 15 | 1,010 | 0.54 | 840 | 321 |
| East South Central | 6.1 | 5.1 | 9.2 | 52 | 29 | 43.7 | 18 | 907 | 0.51 | 765 | 311 |
| West South Central | 9.2 | 7.5 | 13.5 | 46 | 26 | 37.5 | 14 | 980 | 0.55 | 800 | 305 |
| West | 18.3 | 13.5 | 28.6 | 36 | 17 | 26.4 | 10 | 745 | 0.35 | 548 | 206 |
| Mountain | 4.4 | 3.7 | 7.2 | 34 | 17 | 27.8 | 10 | 715 | 0.36 | 591 | 214 |
| Pacific | 13.9 | 9.8 | 21.3 | 37 | 17 | 26.0 | 10 | 757 | 0.35 | 534 | 204 |
| Metropolitan Statistical Area | | | | | | | | | | | |
| Urban | 70.2 | 51.7 | 122.7 | 40 | 17 | 29.4 | 11 | 920 | 0.39 | 678 | 260 |
| Central City | 29.6 | 19.0 | 43.9 | 39 | 17 | 24.9 | 10 | 901 | 0.39 | 578 | 235 |
| Suburban | 40.6 | 32.7 | 78.8 | 41 | 17 | 32.7 | 12 | 931 | 0.39 | 750 | 277 |
| Rural | 20.3 | 18.6 | 34.1 | 37 | 20 | 34.0 | 13 | 751 | 0.41 | 690 | 269 |
| Climate Zone (1) | | | | | | | | | | | |
| Fewer than 2,000 CDD and-- | | | | | | | | | | | |
| More than 7,000 HDD | 8.5 | 7.3 | 17.1 | 32 | 14 | 27.2 | 11 | 657 | 0.28 | 564 | 218 |
| 5,500 to 7,000 HDD | 25.9 | 19.9 | 51.2 | 35 | 13 | 26.5 | 10 | 820 | 0.32 | 629 | 245 |
| 4,000 to 5,499 HDD | 21.9 | 16.6 | 38.8 | 40 | 17 | 30.6 | 12 | 896 | 0.38 | 678 | 266 |
| Fewer than 4,000 HDD | 17.8 | 13.5 | 26.1 | 39 | 20 | 29.4 | 11 | 847 | 0.44 | 642 | 242 |
| 2,000 CDD or More and-- | | | | | | | | | | | |
| Fewer than 4,000 HDD | 16.3 | 13.1 | 23.6 | 49 | 27 | 39.5 | 15 | 1,083 | 0.60 | 868 | 329 |
| Type and Ownership of Housing Unit | | | | | | | | | | | |
| Single-Family Detached | 55.1 | 55.1 | 118.7 | 36 | 17 | 35.7 | 13 | 782 | 0.36 | 782 | 275 |
| Owned | 47.7 | 47.7 | 107.4 | 37 | 16 | 36.8 | 13 | 808 | 0.36 | 808 | 288 |
| Rented | 7.4 | 7.4 | 11.3 | 28 | 19 | 28.5 | 9 | 619 | 0.41 | 619 | 201 |
| Single-Family Attached | 5.3 | 5.3 | 10.2 | 30 | 16 | 30.2 | 12 | 718 | 0.37 | 718 | 291 |
| Owned | 3.9 | 3.9 | 8.2 | 29 | 14 | 28.9 | 12 | 714 | 0.34 | 714 | 292 |
| Rented | 1.5 | 1.5 | 2.0 | 34 | 24 | 33.6 | 13 | 731 | 0.53 | 731 | 290 |
| Multifamily | | | | | | | | | | | |
| 2 to 4 Units | 10.1 | 3.6 | 11.6 | 54 | 17 | 19.6 | 8 | 1,341 | 0.42 | 483 | 203 |
| Owned | 2.0 | 0.7 | 3.6 | 58 | 11 | 21.0 | 9 | 1,594 | 0.31 | 577 | 246 |
| Rented | 8.1 | 2.9 | 8.0 | 53 | 19 | 19.2 | 8 | 1,278 | 0.46 | 459 | 192 |
| 5 or More Units | 14.9 | 1.2 | 11.9 | 232 | 23 | 18.5 | 10 | 5,476 | 0.55 | 436 | 231 |
| Owned | 1.0 | 0.1 | 1.4 | 342 | 17 | 23.6 | 14 | 8,930 | 0.43 | 616 | 369 |
| Rented | 13.9 | 1.1 | 10.5 | 226 | 24 | 18.1 | 10 | 5,269 | 0.56 | 424 | 222 |
| Mobile Homes | 5.1 | 5.1 | 4.4 | 31 | 36 | 30.6 | 12 | 641 | 0.74 | 641 | 254 |
| Owned | 4.3 | 4.3 | 3.7 | 32 | 36 | 31.9 | 13 | 661 | 0.75 | 661 | 262 |
| Rented | 0.9 | 0.9 | 0.7 | 25 | 31 | 24.5 | 10 | 544 | 0.69 | 544 | 215 |

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| | | Total Number (million) | Total Floorspace (billion sq. ft.) | Consumption | | | | Expenditures | | | | |
| | | | | per Building (million Btu) | per Square Foot (thousand Btu) | per Household (million Btu) | per Household Member (million Btu) | per Building (dollars) | per Square Foot (dollars) | per Household (dollars) | per Household Member (dollars) | |
| Heated Floorspace | | | | | | | | | | | | |
| (square feet) | | | | | | | | | | | | |
| Fewer than 600 | 8.4 | 3.5 | 5.2 | 39 | 27 | 16.5 | 8 | 958 | 0.65 | 403 | 203 | |
| 600 to 999 | 23.9 | 14.0 | 21.7 | 39 | 25 | 22.9 | 10 | 877 | 0.57 | 515 | 229 | |
| 1,000 to 1,599 | 25.6 | 21.4 | 38.9 | 39 | 21 | 32.3 | 12 | 837 | 0.46 | 701 | 262 | |
| 1,600 to 1,999 | 11.2 | 10.7 | 23.7 | 37 | 17 | 35.5 | 13 | 831 | 0.37 | 791 | 293 | |
| 2,000 to 2,399 | 8.4 | 8.1 | 21.2 | 38 | 15 | 36.7 | 12 | 863 | 0.33 | 831 | 276 | |
| 2,400 to 2,999 | 7.7 | 7.5 | 23.3 | 39 | 12 | 37.6 | 12 | 879 | 0.28 | 851 | 282 | |
| 3,000 or More | 5.3 | 5.1 | 22.8 | 48 | 11 | 46.8 | 15 | 1,082 | 0.24 | 1,049 | 327 | |
| Number of Rooms | | | | | | | | | | | | |
| 1 | 0.7 | 0.1 | 0.3 | 107 | 24 | 12.2 | 10 | 2,738 | 0.61 | 314 | 248 | |
| 2 | 2.4 | 0.7 | 1.4 | 44 | 21 | 12.1 | 8 | 1,031 | 0.50 | 284 | 191 | |
| 3 | 9.8 | 3.3 | 7.4 | 55 | 25 | 18.6 | 11 | 1,275 | 0.57 | 427 | 247 | |
| 4 | 17.7 | 11.1 | 19.1 | 38 | 22 | 23.8 | 11 | 837 | 0.49 | 526 | 234 | |
| 5 | 20.9 | 17.7 | 32.6 | 35 | 19 | 29.4 | 11 | 767 | 0.42 | 648 | 241 | |
| 6 | 17.4 | 16.2 | 35.4 | 37 | 17 | 34.1 | 12 | 830 | 0.38 | 773 | 272 | |
| 7 | 11.2 | 11.1 | 27.9 | 39 | 16 | 38.9 | 13 | 882 | 0.35 | 871 | 288 | |
| 8 or More | 10.4 | 10.2 | 32.7 | 46 | 14 | 45.3 | 14 | 1,016 | 0.32 | 1,003 | 306 | |
| Ownership of Unit | | | | | | | | | | | | |
| Owned | 58.8 | 56.6 | 124.3 | 37 | 17 | 35.2 | 13 | 810 | 0.37 | 780 | 286 | |
| Rented | 31.7 | 13.8 | 32.5 | 50 | 21 | 21.7 | 9 | 1,143 | 0.48 | 496 | 211 | |
| Public Housing | 2.5 | 0.4 | 1.9 | 100 | 23 | 17.4 | 8 | 2,104 | 0.49 | 367 | 166 | |
| Not Public Housing | 29.2 | 13.3 | 30.6 | 48 | 21 | 22.1 | 9 | 1,111 | 0.48 | 507 | 215 | |
| Rent Subsidy | 1.4 | 0.5 | 1.2 | 54 | 22 | 19.1 | 9 | 1,314 | 0.54 | 467 | 213 | |
| No Rent Subsidy | 27.8 | 12.8 | 29.3 | 48 | 21 | 22.2 | 9 | 1,103 | 0.48 | 509 | 215 | |
| Year of Construction | | | | | | | | | | | | |
| 1939 or Before | 21.5 | 16.6 | 38.9 | 29 | 12 | 22.5 | 9 | 705 | 0.30 | 545 | 221 | |
| 1940 to 1949 | 8.2 | 6.8 | 12.9 | 32 | 17 | 26.2 | 10 | 720 | 0.38 | 592 | 234 | |
| 1950 to 1959 | 13.1 | 11.5 | 22.8 | 33 | 17 | 29.0 | 11 | 757 | 0.38 | 666 | 247 | |
| 1960 to 1969 | 16.4 | 11.8 | 28.0 | 42 | 18 | 30.2 | 12 | 933 | 0.39 | 670 | 261 | |
| 1970 to 1974 | 9.6 | 6.9 | 15.4 | 46 | 20 | 32.6 | 12 | 991 | 0.44 | 709 | 271 | |
| 1975 to 1979 | 10.5 | 8.1 | 19.6 | 54 | 22 | 41.7 | 15 | 1,150 | 0.47 | 885 | 327 | |
| 1980 to 1984 | 7.4 | 5.5 | 12.1 | 51 | 23 | 37.9 | 14 | 1,061 | 0.48 | 793 | 302 | |
| 1985 or After (2) | 3.9 | 3.2 | 7.0 | 48 | 22 | 39.9 | 14 | 1,033 | 0.47 | 868 | 310 | |
| All Utilities Paid by Household | | | | | | | | | | | | |
| Yes | 73.7 | 66.5 | 141.5 | 37 | 18 | 33.8 | 12 | 825 | 0.39 | 744 | 274 | |
| No | 16.8 | 3.8 | 15.3 | 68 | 17 | 15.7 | 8 | 1,742 | 0.44 | 399 | 195 | |
| 1990 Family Income | | | | | | | | | | | | |
| Less than \$5,000 | 6.2 | 3.8 | 6.3 | 33 | 20 | 20.2 | 11 | 747 | 0.45 | 457 | 240 | |
| \$5,000 to \$9,999 | 11.5 | 8.1 | 14.3 | 32 | 18 | 22.7 | 11 | 709 | 0.40 | 502 | 234 | |
| \$10,000 to \$14,999 | 12.6 | 9.5 | 17.5 | 33 | 18 | 24.5 | 11 | 730 | 0.40 | 548 | 241 | |
| \$15,000 to \$19,999 | 9.0 | 6.5 | 13.4 | 37 | 18 | 26.5 | 10 | 822 | 0.40 | 589 | 226 | |
| \$20,000 to \$24,999 | 8.8 | 6.9 | 14.3 | 39 | 19 | 30.9 | 12 | 862 | 0.41 | 675 | 261 | |
| \$25,000 to \$34,999 | 16.2 | 12.7 | 29.4 | 41 | 18 | 32.2 | 12 | 909 | 0.39 | 711 | 263 | |
| \$35,000 to \$49,999 | 13.4 | 11.4 | 28.1 | 44 | 18 | 38.0 | 13 | 982 | 0.40 | 842 | 279 | |
| \$50,000 or More | 12.9 | 11.6 | 33.5 | 45 | 16 | 40.5 | 13 | 1,047 | 0.36 | 937 | 306 | |

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| | | Total Number (million) | Total Floorspace (billion sq. ft.) | Consumption | | | | Expenditures | | | | |
| | | | | per Building (million Btu) | per Square Foot (thousand Btu) | per Household (million Btu) | per Household Member (million Btu) | per Building (dollars) | per Square Foot (dollars) | per Household (dollars) | per Household Member (dollars) | |
| Below Poverty Line | | | | | | | | | | | | |
| 100 Percent | 11.8 | 7.9 | 13.1 | 35 | 21 | 23.6 | 9 | 784 | 0.47 | 527 | 191 | |
| 125 Percent | 18.2 | 12.6 | 21.5 | 35 | 20 | 24.0 | 9 | 772 | 0.45 | 535 | 200 | |
| Eligible for Federal Assistance (3) | | | | | | | | | | | | |
| | 25.6 | 18.3 | 33.3 | 34 | 19 | 24.3 | 9 | 764 | 0.42 | 546 | 203 | |
| Age of Householder | | | | | | | | | | | | |
| Under 25 Years | 28.0 | 18.9 | 39.0 | 42 | 20 | 28.0 | 10 | 931 | 0.45 | 627 | 222 | |
| 25 to 34 Years | 18.0 | 14.8 | 34.6 | 43 | 18 | 35.4 | 11 | 957 | 0.41 | 787 | 239 | |
| 35 to 44 Years | 18.8 | 16.0 | 38.2 | 42 | 18 | 36.0 | 13 | 938 | 0.39 | 797 | 297 | |
| 45 to 59 Years | 25.7 | 20.7 | 45.0 | 32 | 15 | 25.6 | 14 | 717 | 0.33 | 578 | 322 | |
| Education of Householder | | | | | | | | | | | | |
| 12 Years or Fewer | 51.8 | 41.1 | 81.9 | 36 | 18 | 28.9 | 11 | 810 | 0.41 | 643 | 248 | |
| 13 to 16 Years | 30.7 | 23.2 | 58.0 | 43 | 17 | 32.7 | 12 | 974 | 0.39 | 736 | 279 | |
| 17 Years or More | 8.0 | 6.1 | 16.9 | 42 | 15 | 31.8 | 13 | 939 | 0.34 | 711 | 296 | |
| Race of Householder | | | | | | | | | | | | |
| White | 76.6 | 61.4 | 138.5 | 39 | 17 | 31.6 | 12 | 873 | 0.39 | 700 | 276 | |
| Black | 10.9 | 7.2 | 14.3 | 39 | 19 | 25.4 | 9 | 904 | 0.45 | 593 | 211 | |
| Other | 3.0 | 1.8 | 4.0 | 33 | 15 | 20.3 | 6 | 817 | 0.38 | 502 | 146 | |
| Householder of Hispanic Descent | | | | | | | | | | | | |
| Yes | 5.0 | 3.5 | 6.5 | 37 | 20 | 25.8 | 8 | 919 | 0.49 | 639 | 194 | |
| No | 85.5 | 66.9 | 150.2 | 39 | 17 | 30.7 | 12 | 873 | 0.39 | 683 | 267 | |
| Household Size | | | | | | | | | | | | |
| 1 Person | 21.6 | 13.1 | 27.2 | 32 | 15 | 19.3 | 19 | 717 | 0.35 | 435 | 435 | |
| 2 Persons | 30.7 | 24.4 | 54.6 | 38 | 17 | 29.9 | 15 | 837 | 0.37 | 665 | 332 | |
| 3 Persons | 35.1 | 30.1 | 68.3 | 43 | 19 | 37.0 | 10 | 962 | 0.42 | 824 | 221 | |
| 4 or More Persons | 3.1 | 2.8 | 6.7 | 43 | 18 | 39.2 | 6 | 1,012 | 0.43 | 915 | 138 | |

(1) Climate zones are based on annual degree-days that are averaged over 30 years from 1951 to 1980.

(2) Does not include all new construction for 1987.

(3) Below 150 percent of poverty line or 60 percent of median State income.

Notes: • Because of rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A-G of the 1987 Residential Energy Consumption Survey.