

Table CE2-6.2u. Space-Heating Energy Consumption and Expenditures by Square Feet and Usage Indicators, 2001

| Usage Indicators | Space-Heating Energy | | | | | | | | RSE Row Factors |
|--|-----------------------|-------------------------------|--------------------------------|----------------------------|------------------------|------------------------------|------------------------|--------------------|-----------------|
| | Households (millions) | Total ^a | | Per Household ^a | | Per Square Feet ^a | | Heated Square Feet | |
| | | Consumption (quadrillion Btu) | Expenditures (billion dollars) | Consumption (million Btu) | Expenditures (dollars) | Consumption (1000 Btu) | Expenditures (dollars) | | |
| RSE Column Factor: | 1.1 | 1.4 | 1.4 | 1.0 | 0.9 | 0.7 | 0.9 | 0.9 | |
| Total Households Using a Major Space-Heating Fuel ¹ | 105.3 | 4.62 | 50.53 | 43.9 | 480 | 1,707 | 25.7 | 0.28 | 1.9 |
| Weekday Home Activities | | | | | | | | | |
| Home Used for Business | | | | | | | | | |
| Yes..... | 7.4 | 0.41 | 4.44 | 55.4 | 600 | 2,336 | 23.7 | 0.26 | 6.0 |
| No/Don't Know..... | 97.9 | 4.21 | 46.08 | 43.0 | 471 | 1,659 | 25.9 | 0.28 | 2.0 |
| Energy-Intensive Activity | | | | | | | | | |
| Yes..... | 1.6 | 0.09 | 0.93 | 55.8 | 564 | 2,189 | 25.5 | 0.26 | 10.2 |
| No/Don't Know..... | 103.7 | 4.53 | 49.60 | 43.7 | 478 | 1,699 | 25.7 | 0.28 | 2.0 |
| Someone Home All Day | | | | | | | | | |
| Yes..... | 52.1 | 2.46 | 26.56 | 47.1 | 510 | 1,765 | 26.7 | 0.29 | 2.5 |
| No/Don't Know..... | 53.2 | 2.17 | 23.97 | 40.7 | 450 | 1,650 | 24.7 | 0.27 | 2.3 |
| Heated Floorspace Category (square feet) | | | | | | | | | |
| Fewer than 500..... | 8.0 | 0.14 | 1.89 | 17.6 | 237 | 313 | 56.4 | 0.76 | 6.1 |
| 500 to 999..... | 25.6 | 0.73 | 8.82 | 28.4 | 345 | 767 | 37.0 | 0.45 | 3.5 |
| 1,000 to 1,499..... | 22.7 | 0.85 | 9.79 | 37.6 | 432 | 1,234 | 30.5 | 0.35 | 3.4 |
| 1,500 to 1,999..... | 16.7 | 0.79 | 8.59 | 47.4 | 515 | 1,730 | 27.4 | 0.30 | 3.3 |
| 2,000 to 2,499..... | 12.1 | 0.67 | 6.91 | 54.9 | 570 | 2,216 | 24.8 | 0.26 | 3.6 |
| 2,500 to 2,999..... | 7.3 | 0.48 | 4.92 | 65.9 | 670 | 2,723 | 24.2 | 0.25 | 4.8 |
| 3,000 to 3,499..... | 4.5 | 0.30 | 3.03 | 65.2 | 667 | 3,224 | 20.2 | 0.21 | 9.6 |
| 3,500 to 3,999..... | 3.0 | 0.21 | 2.01 | 70.4 | 663 | 3,714 | 19.0 | 0.18 | 7.8 |
| 4,000 or More..... | 5.4 | 0.45 | 4.58 | 83.8 | 850 | 5,208 | 16.1 | 0.16 | 4.9 |
| Year of Construction | | | | | | | | | |
| 1939 or Before..... | 18.7 | 1.30 | 13.19 | 69.7 | 706 | 1,675 | 41.6 | 0.42 | 3.5 |
| 1940 to 1949..... | 7.5 | 0.40 | 4.19 | 52.8 | 559 | 1,504 | 35.1 | 0.37 | 5.7 |
| 1950 to 1959..... | 13.8 | 0.69 | 7.00 | 50.4 | 508 | 1,721 | 29.3 | 0.30 | 3.9 |
| 1960 to 1969..... | 13.4 | 0.55 | 6.03 | 41.3 | 449 | 1,562 | 26.5 | 0.29 | 4.3 |
| 1970 to 1979..... | 18.5 | 0.60 | 7.22 | 32.6 | 391 | 1,522 | 21.4 | 0.26 | 4.2 |
| 1980 to 1989..... | 18.1 | 0.53 | 6.66 | 29.4 | 368 | 1,730 | 17.0 | 0.21 | 4.5 |
| 1990 to 1999..... | 14.5 | 0.50 | 5.74 | 34.4 | 397 | 2,119 | 16.2 | 0.19 | 6.7 |
| 2000 to 2001 ² | 0.9 | 0.04 | 0.49 | 48.9 | 544 | 2,734 | 17.9 | 0.20 | 17.8 |
| Housing Unit Type and Number of Bedrooms | | | | | | | | | |
| Mobile Home..... | | | | | | | | | |
| Less than 3 Bedrooms.. | 6.8 | 0.21 | 2.66 | 31.3 | 393 | 979 | 32.0 | 0.40 | 7.4 |
| 3 or More Bedrooms... | 3.7 | 0.12 | 1.47 | 32.9 | 399 | 782 | 42.0 | 0.51 | 8.1 |
| Single-Family Detached.. | | | | | | | | | |
| Less than 3 Bedrooms.. | 3.1 | 0.09 | 1.19 | 29.5 | 386 | 1,215 | 24.2 | 0.32 | 9.4 |
| 3 Bedrooms..... | 62.3 | 3.21 | 34.15 | 51.6 | 548 | 2,076 | 24.9 | 0.26 | 2.2 |
| 4 Bedrooms..... | 12.1 | 0.52 | 5.75 | 43.0 | 476 | 1,312 | 32.7 | 0.36 | 4.0 |
| 5 or More Bedrooms... | 33.2 | 1.59 | 17.11 | 47.7 | 515 | 1,946 | 24.5 | 0.26 | 2.9 |
| Single-Family Attached.. | | | | | | | | | |
| Less than 3 Bedrooms.. | 14.1 | 0.86 | 8.77 | 60.8 | 621 | 2,702 | 22.5 | 0.23 | 4.2 |
| 3 Bedrooms..... | 2.8 | 0.25 | 2.52 | 88.2 | 885 | 3,731 | 23.6 | 0.24 | 8.8 |
| 4 or More Bedrooms... | 10.6 | 0.54 | 5.65 | 51.1 | 535 | 1,879 | 27.2 | 0.28 | 6.2 |
| Apartments in Buildings | | | | | | | | | |
| With 2 to 4 Units..... | | | | | | | | | |
| Less than 2 Bedrooms.. | 3.9 | 0.15 | 1.63 | 38.8 | 417 | 1,328 | 29.2 | 0.31 | 9.2 |
| 2 Bedrooms..... | 4.6 | 0.23 | 2.60 | 50.8 | 569 | 1,996 | 25.4 | 0.29 | 8.2 |
| 3 or More Bedrooms... | 2.1 | 0.16 | 1.43 | 74.9 | 681 | 2,651 | 28.2 | 0.26 | 10.6 |
| Apartments in Buildings | | | | | | | | | |
| With 5 or More Units... | | | | | | | | | |
| Less than 2 Bedrooms.. | 9.4 | 0.41 | 4.73 | 44.2 | 505 | 1,199 | 36.9 | 0.42 | 6.6 |
| 2 Bedrooms..... | 2.6 | 0.09 | 0.95 | 33.1 | 371 | 811 | 40.8 | 0.46 | 11.2 |
| 3 or More Bedrooms... | 5.0 | 0.20 | 2.41 | 40.8 | 484 | 1,200 | 34.0 | 0.40 | 7.3 |
| Apartments in Buildings | | | | | | | | | |
| With 5 or More Units... | | | | | | | | | |
| Less than 2 Bedrooms.. | 1.8 | 0.13 | 1.37 | 69.1 | 750 | 1,741 | 39.7 | 0.43 | 13.1 |
| 2 Bedrooms..... | 16.3 | 0.24 | 3.33 | 14.8 | 204 | 781 | 18.9 | 0.26 | 5.1 |
| 3 or More Bedrooms... | 8.1 | 0.10 | 1.40 | 12.8 | 174 | 590 | 21.6 | 0.30 | 6.1 |
| Apartments in Buildings | | | | | | | | | |
| With 5 or More Units... | | | | | | | | | |
| Less than 2 Bedrooms.. | 6.8 | 0.11 | 1.53 | 16.7 | 225 | 935 | 17.8 | 0.24 | 8.2 |
| 3 or More Bedrooms... | 1.5 | 0.02 | 0.39 | 17.0 | 268 | 1,119 | 15.2 | 0.24 | 14.2 |

See footnotes at end of table.

Table CE2-6.2u. Space-Heating Energy Consumption and Expenditures by Square Feet and Usage Indicators, 2001 (Continued)

| Usage Indicators | Space-Heating Energy | | | | | | | | RSE Row Factors |
|---|-----------------------|-------------------------------|--------------------------------|----------------------------|------------------------|--------------------|------------------------------|------------------------|-----------------|
| | Households (millions) | Total ^a | | Per Household ^a | | | Per Square Feet ^a | | |
| | | Consumption (quadrillion Btu) | Expenditures (billion dollars) | Consumption (million Btu) | Expenditures (dollars) | Heated Square Feet | Consumption (1000 Btu) | Expenditures (dollars) | |
| | | | | | | | | | |
| RSE Column Factor: | 1.1 | 1.4 | 1.4 | 1.0 | 0.9 | 0.7 | 0.9 | 0.9 | |
| Adequacy of Insulation | | | | | | | | | |
| Well Insulated..... | 42.2 | 1.75 | 19.32 | 41.5 | 458 | 1,918 | 21.6 | 0.24 | 2.7 |
| Adequately Insulated... | 42.5 | 1.88 | 20.62 | 44.4 | 486 | 1,698 | 26.1 | 0.29 | 2.7 |
| Poorly Insulated..... | 19.1 | 0.92 | 9.87 | 48.4 | 517 | 1,306 | 37.0 | 0.40 | 3.7 |
| No Insulation..... | 0.7 | 0.04 | 0.39 | 49.8 | 526 | 1,135 | 43.9 | 0.46 | 14.9 |
| Don't Know..... | 0.9 | 0.03 | 0.32 | 34.1 | 366 | 1,204 | 28.3 | 0.30 | 15.1 |
| Occurrences of Drafts | | | | | | | | | |
| During Winter | | | | | | | | | |
| All of the Time..... | 5.9 | 0.29 | 3.08 | 49.2 | 526 | 1,264 | 38.9 | 0.42 | 6.2 |
| Most of the Time..... | 6.3 | 0.27 | 3.11 | 42.8 | 490 | 1,267 | 33.8 | 0.39 | 5.8 |
| Some of the Time..... | 33.9 | 1.67 | 17.94 | 49.2 | 528 | 1,711 | 28.8 | 0.31 | 2.8 |
| Never..... | 54.6 | 2.27 | 25.01 | 41.7 | 458 | 1,837 | 22.7 | 0.25 | 2.6 |
| Don't Know..... | 4.6 | 0.12 | 1.38 | 25.6 | 303 | 1,297 | 19.7 | 0.23 | 7.0 |
| Secondary Heating Equipment | | | | | | | | | |
| Yes..... | 33.9 | 1.69 | 18.90 | 50.0 | 558 | 2,034 | 24.6 | 0.27 | 2.8 |
| No..... | 71.4 | 2.93 | 31.62 | 41.0 | 443 | 1,552 | 26.4 | 0.29 | 2.2 |
| Daytime Winter Temperature When Someone is at Home³ | | | | | | | | | |
| Heat Turned On..... | 96.1 | 4.41 | 48.04 | 45.9 | 500 | 1,772 | 25.9 | 0.28 | 1.9 |
| 63 Degrees or Less... | 3.9 | 0.17 | 1.79 | 42.3 | 454 | 1,453 | 29.1 | 0.31 | 7.6 |
| 64 to 66 Degrees ... | 8.3 | 0.37 | 4.12 | 44.6 | 494 | 1,739 | 25.6 | 0.28 | 5.2 |
| 67 to 69 Degrees..... | 23.5 | 1.19 | 12.71 | 50.5 | 540 | 2,004 | 25.2 | 0.27 | 2.7 |
| 70 Degrees..... | 25.4 | 1.19 | 12.95 | 46.9 | 510 | 1,707 | 27.5 | 0.30 | 3.5 |
| 71 to 73 Degrees..... | 16.4 | 0.80 | 8.75 | 48.6 | 533 | 1,877 | 25.9 | 0.28 | 4.1 |
| 74 Degrees or More... | 18.5 | 0.70 | 7.73 | 37.6 | 417 | 1,557 | 24.1 | 0.27 | 4.3 |
| Heat Turned Off..... | 2.0 | 0.02 | 0.31 | 11.5 | 150 | 688 | 16.7 | 0.22 | 13.4 |
| Unknown/No Answer..... | 7.1 | 0.19 | 2.18 | 26.4 | 305 | 1,116 | 23.7 | 0.27 | 6.1 |
| Winter Temperature Settings | | | | | | | | | |
| Lower When No One Home | | | | | | | | | |
| Yes..... | 47.0 | 2.06 | 22.48 | 43.8 | 478 | 1,759 | 24.9 | 0.27 | 2.6 |
| No..... | 58.3 | 2.56 | 28.04 | 44.0 | 481 | 1,665 | 26.4 | 0.29 | 2.2 |
| Lower During Sleeping Hours | | | | | | | | | |
| Yes..... | 45.4 | 2.09 | 22.64 | 46.1 | 499 | 1,782 | 25.8 | 0.28 | 2.7 |
| No..... | 59.9 | 2.53 | 27.89 | 42.2 | 466 | 1,650 | 25.6 | 0.28 | 2.3 |

¹ The major fuels are electricity, natural gas, fuel oil, kerosene, and liquefied petroleum gas (LPG).

² New construction for 2001 includes only those housing units built and occupied between January and the April-August period when the household interviews were conducted.

³ The 1.0 million households that do not heat their homes are not included in these categories.

^a The column factor in this section is underestimated because it contains no error for estimating the end-use.

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals. • See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A-G of the 2001 Residential Energy Consumption Survey.