Commercial Buildings Energy Consumption Surveys

Energy Consumption & Expenditures

Energy Sources: Fuel Oil Tables (10 pages, 58 kb)

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| These data are from the 1995 Commercial Buildings Energy Consumption Survey (CBECS), a national probability sample survey of commercial buildings sponsored by the Energy Information Administration, that provides information on the use of energy in commercial buildings in the United States. The 1995 CBECS was the sixth survey in a series begun in 1979. The data were collected from a sample of 6,639 buildings representing 4.6 million commercial buildings and 58.8 billion square feet of commercial floorspace in the U.S. The 1995 data are available for the four Census regions and nine Census division. | | | | | | | | | |
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| | | | | | | | | | |

Table 26. Total Fuel Oil Consumption and Expenditures, 1995

| Building Characteristics RSE Column Factor: | Number of Buildings (thousand) | Floorspace (million square feet) | Floorspace per Building (thousand square feet) | Total (trillion | Total (million | Total | |
|---|--------------------------------------|---|---|--------------------|-------------------|----------------------|----------------|
| | 1.2 | 0.7 | | Btu) | gallons) | (million dollars) | RSE |
| All Buildings | | | 0.8 | 1.2 | 1.2 | 1.2 | Row Factor |
| | 607 | 14,421 | 24 | 235 | 1,686 | 1,175 | 10.72 |
| Building Floorspace (square feet) | | | | | | | |
| 1,001 to 5,000 | 333 | 946 | 3 | 44 | 320 | 275 | 15.85 |
| 5,001 to 10,000 | 96 | 679 | 7 | 26 | 191 | 153 | 24.39 |
| 10,001 to 25,000 | 92 | 1,425 | 15 | 45 | 323 | 239 | 23.58 |
| 25,001 to 50,000 | 31 | 1,164 | 38 | 28 | 201 | 129 | 11.70 |
| 50,001 to 100,000 | 28 | 1,968 | 71 | 31 | 223 | 140 | 12.94 |
| 100,001 to 200,000200,001 to 500,000 | 14 10 | 2,096 2,928 | 145 298 | 21 25 | 153 176 | 88 97 | 12.72 16.51 |
| Over 500,000 | 4 | 3,215 | 902 | 14 | 99 | 56 | 14.27 |
| | | 5,215 | | | | | |
| Principal Building Activity Education | 37 | 2,348 | 63 | 57 | 408 | 249 | 23.48 |
| Food Sales | Q, | 2,540 Q | Q | Q, | Q | Q | 99.99 |
| Food Service | ã | ã | Q | ã | ã | ã | 99.99 |
| Health Care | 18 | 1,576 | 87 | 21 | 152 | 94 | 24.00 |
| Lodging | 9 | 847 | 97 | Q | Q | Q | 25.74 |
| Mercantile and Service | 223 | 2,550 | 11 | 49 | 354 | 265 | 25.56 |
| Office | 97 | 3,554 | 37 | 28 | 204 | 154 | 21.37 |
| Public Assembly | 54 | 1,050 | 20 | 14 | 99 | 75 | 26.87 |
| Public Order and Safety | Q 42 | 493 441 | Q 11 | Q 13 | Q 90 | Q 69 | 49.52 |
| Religious WorshipWarehouse and Storage | 42 Q | 810 | 21 | 10 | 90 73 | 56 | 20.53 |
| Other | 7 | 375 | 53 | Q | Q Y | Q | 40.12 |
| Vacant | Q | 244 | Q | 5 | 38 | 25 | 27.38 |
| Year Constructed | | | | | | | |
| 1919 or Before | 70 | 1,085 | 16 | 26 | 187 | 127 | 23.30 |
| 1920 to 1945 | 81 | 1,241 | 15 | 40 | 286 | 192 | 24.56 |
| 1946 to 1959 | 142 | 1,997 | 14 | 54 | 390 | 294 | 23.06 |
| 1960 to 1969 | 120 | 2,871 | 24 | 53 | 382 | 259 | 20.98 |
| 1970 to 1979 | 60 | 2,936 | 49 | 28 | 203 | 134 | 19.18 |
| 1980 to 1989 | 98 | 3,112 | 32 | 23 | 162 | 118 | 24.07 |
| 1990 to 1992 | Q | 607 | Q | 2 | 16 | 11 | 33.83 |
| 1993 to 1995 | Q | 572 | 24 | 8 | 59 | 39 | 35.61 |
| Census Region and Division | | | | | | | |
| Northeast | 282 | 5,423 | 19 | 168 | 1,200 | 818 | 11.97 |
| New England Middle Atlantic | 106 176 | 2,002 3,421 | 19 19 | 79 88 | 567 633 | 374 444 | 17.84 14.43 |
| Midwest | 96 | 2,681 | 28 | 16 | 114 | 84 | 32.42 |
| East North Central | Q | 1,701 | 28 | Q | Q | Q | 44.95 |
| West North Central | 36 | 980 | 27 | 4 | 30 | Q | 38.55 |
| South | 196 | 4,175 | 21 | 45 | 324 | 240 | 25.68 |
| South Atlantic | 126 | 2,742 | 22 | 37 | 268 | 196 | 30.17 |
| East South Central | Q | 724 | 16 | Q | Q | Q | 39.74 |
| West South Central | 24 | 709 | 30 | Q | Q | Q | 19.74 |
| West Mountain | 33 Q | 2,142 419 | 64 39 | 7 Q | 47 Q | 34 Q | 32.50 31.24 |
| Pacific | 23 | 1,722 | 76 | Q | Q | Q | 41.62 |
| Climate Zone: 45-Year Average | | | | | | | |
| Fewer than 2,000 CDD and | | | | | | | |
| More than 7,000 HDD | 110 | 1,798 | 16 | 51 | 366 | 241 | 21.65 |
| 5,500-7,000 HDD | 149 | 3,724 | 25 | 69 | 498 | 349 | 17.22 |
| 4,000-5,499 HDD | 259 | 5,250 | 20 | 101 | 724 | 511 | 19.48 |
| Fewer than 4,000 HDD | 52 | 2,343 | 45 | Q | Q | Q | 34.67 |
| More than 2,000 CDD and Fewer than 4,000 HDD | 38 | 1,307 | 35 | 5 | 35 | Q | 30.37 |

Table 26. Total Fuel Oil Consumption and Expenditures, 1995 (Continued)

| | | All Buildings Usin Fuel Oil | g | Fuel Oil Co | onsumption | Fuel Oil Expenditures | |
|---|--------------------------------------|---|---|----------------------------|-------------------------------|-------------------------------|----------------|
| Building Characteristics | Number of Buildings (thousand) | Floorspace (million square feet) | Floorspace per Building (thousand square feet) | Total (trillion Btu) | Total (million gallons) | Total (million dollars) | RSE |
| RSE Column Factor: | 1.2 | 0.7 | 0.8 | 1.2 | 1.2 | 1.2 | Row |
| Workers (main shift) | | | | | | | |
| Fewer than 5 | 324 | 1,674 | 5 | 59 | 425 | 338 | 18.81 |
| 5 to 9 | 79 | 791 | 10 | 22 | 157 | 129 | 33.75 |
| 10 to 19 20 to 49 | 94 52 | 872 1,436 | 9 28 | 33 38 | 236 270 | 179 181 | 26.87 17.96 |
| 50 to 99 | 21 | 1,652 | 77 | 28 | 201 | 114 | 15.05 |
| 100 to 249 | 19 | 2,210 | 114 | 28 | 197 | 117 | 18.78 |
| 250 or More | 18 | 5,787 | 319 | 28 | 199 | 117 | 13.63 |
| Weekly Operating Hours | | | | | | | |
| 39 or Fewer | 116 | 710 | 6 | 20 | 146 | 112 | 31.10 |
| 40 to 48 | 162 | 1,953 | 12 | 42 | 302 | 226 | 20.34 |
| 49 to 60 | 138 68 | 2,790 2,785 | 20 41 | 58 37 | 419 269 | 300 184 | 22.61 |
| 85 to 167 | 44 | 1,502 | 34 | 24 | 171 | 107 | 22.47 |
| Open Continuously | 80 | 4,682 | 58 | 53 | 379 | 245 | 17.53 |
| Ownership and Occupancy | | | | | | | |
| Nongovernment Owned | 509 | 10,617 | 21 | 166 | 1,189 | 863 | 13.10 |
| Owner Occupied | 453 | 9,485 | 21 | 150 | 1,072 | 781 | 12.96 |
| Nonowner Occupied | 54 Q | 1,101 Q | 20 Q | 15 Q | 111 Q | 78 Q | 32.37 99.99 |
| UnoccupiedGovernment Owned | 98 | 3,805 | 39 | 69 | 496 | 312 | 14.91 |
| Space in Building Vacant for at Least Three Consecutive Months | | | | | | | |
| Yes No | 88 519 | 4,661 9,760 | 53 19 | 32 203 | 233 1,453 | 159 1,017 | 18.06 11.25 |
| 110 | 313 | 3,700 | 19 | 203 | 1,400 | 1,017 | 11.23 |
| Energy Sources (more than one may apply) | 595 | 14.345 | 24 | 234 | 1,677 | 4.467 | 11.47 |
| ElectricityNatural Gas | 155 | 9,262 | 24 60 | 23 4 86 | 616 | 1,167 396 | 14.23 |
| Fuel Oil | 607 | 14,421 | 24 | 235 | 1,686 | 1,175 | 10.72 |
| District Heat | 20 | 2,174 | 110 | 9 | 62 | 38 | 28.73 |
| District Chilled Water | Q | 1,076 | 85 | 2 | 16 | 11 | 35.70 |
| Propane Other | 144 64 | 1,675 797 | 12 13 | 65 13 | 464 95 | 323 70 | 14.31 32.22 |
| Energy End Uses (more than one | | | | | | | |
| may apply) Buildings with Space Heating | 607 | 14,236 | 23 | 234 | 1,677 | 1,167 | 10.78 |
| Buildings with Cooling | 388 | 12,904 | 33 | 179 | 1,283 | 876 | 13.61 |
| Buildings with Water Heating | 504 | 13,959 | 28 | 222 | 1,588 | 1,096 | 10.62 |
| Buildings with Cooking Buildings with Manufacturing | 122 17 | 8,018 718 | 66 Q | 105 15 | 749 106 | 481 65 | 15.08 34.15 |
| Buildings with Electricity | " | 710 | Q | 13 | 100 | 03 | 34.13 |
| Generation | 138 | 9,576 | 70 | 81 | 579 | 369 | 16.62 |
| Space-Heating Energy Source | | | | | | | |
| Fuel Oil | 504 | 6,606 | 13 | 220 | 1,576 | 1,096 | 12.18 |
| Fuel Oil Secondary | 439 | 4,207 | 10 | 196 | 1,408 | 983 | 12.75 |
| Fuel Oil Secondary Other Excluding Fuel Oil | 65 103 | 2,398 7,630 | 37 74 | 23 14 | 168 101 | 113 71 | 26.64 16.29 |
| Buildings without Space Heating | Q | Q | Q | Q | Q | Q | 99.99 |
| Primary Space-Heating Energy Source | | | | | | | |
| Electricity | 38 | 2,238 | 59 | 10 | 68 | 47 | 33.68 |
| Natural Gas Fuel Oil | 83 430 | 5,479 4 207 | 66 10 | 15 106 | 108 | 73 | 17.93 |
| District Heat | 439 19 | 4,207 1,892 | 101 | 196 7 | 1,408 49 | 983 30 | 12.75 32.99 |
| Propane | Q ['] | Q Q | Q | Q ['] | Q | Q | 99.99 |
| | | Q | Q | Q | | | 99.99 |

Table 26. Total Fuel Oil Consumption and Expenditures, 1995 (Continued)

| | | All Buildings Usin Fuel Oil | g | Fuel Oil C | onsumption | Fuel Oil Expenditures | | |
|---|--------------------------------------|---|---|----------------------------|-------------------------------|-------------------------------|----------------------|--|
| Building Characteristics | Number of Buildings (thousand) | Floorspace (million square feet) | Floorspace per Building (thousand square feet) | Total (trillion Btu) | Total (million gallons) | Total (million dollars) | - RSE | |
| RSE Column Factor: | 1.2 | 0.7 | 0.8 | 1.2 | 1.2 | 1.2 | RSE Row Factor | |
| Cooling Energy Source Fuel Oil Other Excluding Fuel Oil Buildings without Cooling | Q | Q | Q | Q | Q | Q | Q | |
| | 381 | 12,793 | 34 | 177 | 1,265 | 862 | 13.76 | |
| | 219 | 1,517 | 7 | 56 | 403 | 299 | 18.63 | |
| Water-Heating Energy Source Fuel Oil Other Excluding Fuel Oil Buildings without Water Heating | 120 | 2,151 | 18 | 112 | 802 | 534 | 17.83 | |
| | 384 | 11,809 | 31 | 109 | 785 | 562 | 12.05 | |
| | 103 | 462 | 4 | 14 | 98 | 79 | 36.98 | |
| Cooking Energy Source Fuel Oil Other Excluding Fuel Oil Buildings without Cooking | Q | Q | Q | Q | Q | Q | Q | |
| | 121 | 7,935 | 65 | 103 | 734 | 473 | 15.00 | |
| | 486 | 6,403 | 13 | 130 | 937 | 694 | 13.59 | |
| Percent of Floorspace Heated Not Heated 1 to 50 | Q | Q | Q | Q | Q | Q | 99.99 | |
| | 93 | 1,003 | 11 | 13 | 97 | 79 | 27.87 | |
| | 90 | 2,857 | 32 | 43 | 307 | 219 | 27.40 | |
| | 423 | 10,376 | 25 | 178 | 1,274 | 868 | 13.24 | |
| Annual Consumption (gallons) 1,000 or less | 332 | 7,978 | 24 | 17 | 122 | 113 | 18.63 | |
| | 217 | 2,687 | 12 | 68 | 487 | 389 | 15.39 | |
| | 29 | 1,068 | 36 | 28 | 205 | 153 | 29.49 | |
| | 20 | 1,015 | 52 | 41 | 298 | 188 | 18.28 | |
| | 9 | 1,674 | 178 | 81 | 574 | 331 | 14.91 | |

Q = Data withheld because the Relative Standard Error (RSE) was greater than 50 percent, or data were reported for fewer than 20 buildings.

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding RSE column and RSE row factors. • See Glossary for explanation of abbreviations and definitions of terms used in this report. • Statistics for the "energy end uses" represent consumption in buildings that have end use, not consumption for a particular fuel for a particular end use. • Because of rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-871A through F of the 1995 Commercial Buildings Energy Consumption Survey.

Table 27. Fuel Oil Consumption and Expenditure Intensities, 1995

| | Ft | uel Oil Consumpti | on | Fu | iel Oil Expenditure | es | |
|--|------------------------------|------------------------------------|----------------------------|--|------------------------------------|----------------------------|----------------|
| Building Characteristics | per Building (gallons) | per Square Foot (gallons) | per Worker (gallons) | per Building (thousand dollars) | per Square Foot (dollars) | per Gallon (dollars) | RSE |
| RSE Column Factor: | 1.2 | 1.2 | 1.5 | 1.1 | 1.2 | 0.3 | Row |
| All Buildings | 2,776 | 0.12 | 73.4 | 1.9 | 0.08 | 0.70 | 8.08 |
| · · | , - | | | | | | |
| Building Floorspace (square feet) 1,001 to 5,000 | 962 | 0.34 | 197.0 | 0.8 | 0.29 | 0.86 | 10.42 |
| 5,001 to 10,000 | 1,997 | 0.28 | 269.6 | 1.6 | 0.23 | 0.80 | 15.12 |
| 10,001 to 25,000 | 3,497 | 0.23 | 294.5 | 2.6 | 0.17 | 0.74 | 20.14 |
| 25,001 to 50,000 | 6,531 | 0.17 | 111.7 | 4.2 | 0.11 | 0.64 | 11.20 |
| 50,001 to 100,000 | 8,091 | 0.11 | 82.5 | 5.1 | 0.07 | 0.63 | 18.24 |
| 100,001 to 200,000 | 10,563 | 0.07 | 45.4 | 6.1 | 0.04 | 0.57 | 17.88 |
| 200,001 to 500,000 | 17,920 | 0.06 | 33.3 | 9.9 | 0.03 | 0.55 | 25.23 |
| Over 500,000 | 27,650 | 0.03 | 15.4 | 15.7 | 0.02 | 0.57 | 19.86 |
| Principal Building Activity | | | | | | | |
| Education | 10,954 | 0.17 | 183.2 | 6.7 | 0.11 | 0.61 | 17.25 |
| Food Sales | Q | Q | Q | Q . | Q | Q | 99.99 |
| Food Service | Q | Q | Q | Q | Q | Q | 99.99 |
| Health Care | Q | 0.10 | 50.2 | Q | 0.06 | 0.62 | 17.82 |
| Lodging | Q | Q | Q | Q | Q | 0.65 | 10.36 |
| Mercantile and Service | 1,583 | 0.14 | 122.5 | 1.2 | 0.10 | 0.75 | 16.66 |
| Office | 2,113 | 0.06 | 20.3 | 1.6 | 0.04 | 0.76 | 18.43 |
| Public Assembly | 1,844 | 0.09 | 114.7 | 1.4 | 0.07 | 0.76 | 20.69 |
| Public Order and Safety | 2,875 | 0.22 | 128.0 | 2.1 | Q | 0.74 | 14.88 |
| Religious Worship Warehouse and Storage | 2,172 | 0.21 0.09 | 465.5 100.3 | 1.7 1.5 | 0.16 0.07 | 0.76 0.76 | 14.25 24.09 |
| Other | 1,925 Q | 0.09 Q | 100.3 Q | Q 1.5 | 0.07 Q | 0.76 | 23.13 |
| Vacant | Q Q | 0.16 | Q | Q | 0.10 | 0.67 | 37.42 |
| Year Constructed | | | | | | | |
| 1919 or Before | 2,690 | 0.17 | 168.2 | 1.8 | 0.12 | 0.68 | 20.35 |
| 1920 to 1945 | 3,536 | 0.23 | 219.8 | 2.4 | 0.15 | 0.67 | 15.86 |
| 1946 to 1959 | 2,739 | 0.20 | 142.1 | 2.1 | 0.15 | 0.75 | 12.68 |
| 1960 to 1969 | 3,192 | 0.13 | 82.4 | 2.2 | 0.09 | 0.68 | 17.03 |
| 1970 to 1979 | 3,372 | 0.07 | 39.0 | 2.2 | 0.05 | 0.66 | 16.66 |
| 1980 to 1989 | 1,665 | 0.05 | 24.7 | 1.2 | 0.04 | 0.72 | 23.30 |
| 1990 to 1992 1993 to 1995 | Q 2,445 | 0.03 0.10 | 22.4 86.6 | Q 1.6 | 0.02 0.07 | 0.70 0.67 | 33.68 23.31 |
| 1993 to 1995 | 2,445 | 0.10 | 00.0 | 1.0 | 0.07 | 0.67 | 23.31 |
| Census Region and Division Northeast | 4.250 | 0.22 | 180.1 | 2.9 | 0.15 | 0.68 | 8.05 |
| New England | 4,259 5,335 | 0.22 | 284.0 | 3.5 | 0.15 | 0.66 | 10.06 |
| Middle Atlantic | 3,608 | 0.19 | 135.7 | 2.5 | 0.13 | 0.70 | 10.84 |
| Midwest | 1,191 | 0.04 | 25.7 | 0.9 | 0.03 | 0.73 | 24.32 |
| East North Central | 1,406 | 0.05 | Q | 1.0 | 0.04 | 0.73 | 32.95 |
| West North Central | 837 | 0.03 | ã | 0.6 | Q | 0.73 | 28.30 |
| South | 1,652 | 0.08 | 44.4 | 1.2 | 0.06 | 0.74 | 17.51 |
| South Atlantic | 2,135 | 0.10 | 56.6 | 1.6 | 0.07 | 0.73 | 18.22 |
| East South Central | 869 | 0.06 | Q | 0.7 | 0.05 | 0.84 | 27.70 |
| West South Central | Q | Q | Q | Q | Q | 0.65 | 54.01 |
| West | 1,417 | 0.02 | 10.4 | 1.0 | 0.02 | 0.71 | 31.68 |
| Mountain Pacific | 813 Q | Q 0.02 | Q Q | 0.7 Q | Q 0.02 | 0.80 0.69 | 14.99 44.40 |
| Climate Zone: 45-Year Average | | | | | | | |
| Fewer than 2,000 CDD and | | | | | | | |
| More than 7,000 HDD | 3,342 | 0.20 | 151.6 | 2.2 | 0.13 | 0.66 | 14.96 |
| 5,500-7,000 HDD | 3,348 | 0.13 | 93.6 | 2.3 | 0.09 | 0.70 | 14.43 |
| 4,000-5,499 HDD | 2,796 | 0.14 | 89.5 | 2.0 | 0.10 | 0.71 | 12.86 |
| | () | Q | Q | Q | 0.02 | 0.74 | 42.92 |
| Fewer than 4,000 HDD More than 2,000 CDD and | Q | · · | • | ~ | 0.02 | 0.7 1 | |

Table 27. Fuel Oil Consumption and Expenditure Intensities, 1995 (Continued)

| | Fe | uel Oil Consumpti | on | Fu | iel Oil Expenditur | es | |
|---|------------------------------|------------------------------------|----------------------------|--|------------------------------------|----------------------------|----------------|
| Building Characteristics | per Building (gallons) | per Square Foot (gallons) | per Worker (gallons) | per Building (thousand dollars) | per Square Foot (dollars) | per Gallon (dollars) | RSE |
| RSE Column Factor: | 1.2 | 1.2 | 1.5 | 1.1 | 1.2 | 0.3 | Row Factor |
| Workers (main shift) | | | | | | | |
| Fewer than 5 | 1,312 | 0.25 | 643.4 | 1.0 | 0.20 | 0.80 | 11.25 |
| 5 to 9 | 1,991 | 0.20 | 327.1 | 1.6 | 0.16 | 0.82 | 27.20 |
| 10 to 19 | 2,506 | 0.27 | 199.0 | 1.9 | 0.20 | 0.76 | 12.86 |
| 20 to 49 | 5,230 | 0.19 | 175.5 | 3.5 | 0.13 | 0.70 | 15.20 |
| 50 to 99 | 9,398 | 0.13 | 141.3 | 5.3 | 0.13 | 0.57 | 18.50 |
| 100 to 249 | 10,114 | 0.09 | 73.0 | 6.0 | 0.05 | 0.60 | 17.19 |
| 250 or More | 10,983 | 0.03 | 13.3 | 6.4 | 0.02 | 0.59 | 17.25 |
| Weekly_Operating Hours | | | | | | | |
| 39 or Fewer | 1,257 | 0.21 | 167.9 | 1.0 | 0.16 | 0.77 | 18.99 |
| 40 to 48 | 1,868 | 0.15 | 116.6 | 1.4 | 0.12 | 0.75 | 15.42 |
| 49 to 60 | 3,045 | 0.15 | 77.2 | 2.2 | 0.11 | 0.72 | 16.11 |
| 61 to 84 | 3,967 | 0.10 | 72.5 | 2.7 | 0.07 | 0.69 | 17.95 |
| 85 to 167 | 3,907 | 0.11 | 110.0 | 2.5 | 0.07 | 0.63 | 21.40 |
| Open Continuously | 4,723 | 0.08 | 42.9 | 3.1 | 0.05 | 0.65 | 15.42 |
| Ownership and Occupancy | | | | | | | |
| Nongovernment Owned | 2,337 | 0.11 | 67.5 | 1.7 | 0.08 | 0.73 | 9.34 |
| Owner Occupied | 2,367 | 0.11 | 69.8 | 1.7 | 0.08 | 0.73 | 9.51 |
| Nonowner Occupied | 2,052 | 0.10 | 49.2 | 1.4 | 0.07 | 0.70 | 21.55 |
| Unoccupied | Q | Q | Q | Q | Q | Q | 99.99 |
| Government Owned | 5,043 | 0.13 | 92.7 | 3.2 | 0.08 | 0.63 | 14.21 |
| Space in Building Vacant for at Least Three Consecutive Months | | | | | | | |
| Yes No | 2,646 2,798 | 0.05 0.15 | 24.9 106.8 | 1.8 2.0 | 0.03 0.10 | 0.68 0.70 | 15.27 8.37 |
| Energy Sources (more than one | 2,790 | 0.13 | 100.0 | 2.0 | 0.10 | 0.70 | 0.57 |
| may apply) | 0.040 | 0.40 | 70.0 | 0.0 | 0.00 | 0.70 | 0.00 |
| Electricity | 2,818 | 0.12 | 73.3 | 2.0 | 0.08 | 0.70 | 8.63 |
| Natural Gas | 3,982 | 0.07 | 40.2 | 2.6 | 0.04 | 0.64 | 14.70 |
| Fuel Oil | 2,776 | 0.12 | 73.4 | 1.9 | 0.08 | 0.70 | 8.08 |
| District Heat | Q 4 200 | 0.03 | 15.7 | 1.9 | 0.02 | 0.61 | 37.77 |
| District Chilled Water | 1,300 | 0.02 | 7.6 | 0.8 | 0.01 | 0.65 | 34.34 |
| Propane Other | 3,232 | 0.28 | 242.3 | 2.2 | 0.19 | 0.70 | 10.03 |
| | 1,498 | 0.12 | 93.9 | 1.1 | 0.09 | 0.74 | 30.63 |
| Energy End Uses (more than one may apply) | | | | | | | |
| Buildings with Space Heating | 2,764 | 0.12 | 74.1 | 1.9 | 0.08 | 0.70 | 8.10 |
| Buildings with Cooling | 3,306 | 0.10 | 59.3 | 2.3 | 0.07 | 0.68 | 11.46 |
| Buildings with Water Heating | 3,150 | 0.11 | 71.1 | 2.2 | 0.08 | 0.69 | 8.41 |
| Buildings with Cooking | 6,160 | 0.09 | 53.7 | 4.0 | 0.06 | 0.64 | 13.15 |
| Buildings with Manufacturing | Q | 0.15 | 70.3 | Q | 0.09 | 0.62 | 26.93 |
| Buildings with Electricity Generation | 4,211 | 0.06 | 32.1 | 2.7 | 0.04 | 0.64 | 15.66 |
| Space-Heating Energy Source | -, | 0.00 | 32 | | 0.0. | 0.0 . | .5.50 |
| Fuel Oil | 3,126 | 0.24 | 192.0 | 2.2 | 0.17 | 0.70 | 7.52 |
| Fuel Oil Main | 3,207 | 0.33 | 347.3 | 2.2 | 0.23 | 0.70 | 7.28 |
| Fuel Oil Secondary | 2,579 | 0.07 | 40.4 | 1.7 | 0.05 | 0.67 | 18.94 |
| Other Excluding Fuel Oil Buildings without Space Heating | 987 Q | 0.01 Q | 7.0 Q | 0.7 Q | 0.01 Q | 0.70 Q | 18.24 99.99 |
| Primary Space-Heating | • | - S | ų. | - SK | × | | 33.33 |
| Energy Source | 4.00= | 2.22 | | | 2.22 | 2.22 | 60.5 |
| Electricity | 1,807 | 0.03 | 11.9 | 1.2 | 0.02 | 0.68 | 28.51 |
| Natural Gas | 1,306 | 0.02 | 12.0 | 0.9 | 0.01 | 0.67 | 16.06 |
| Fuel Oil | 3,207 | 0.33 | 347.3 | 2.2 | 0.23 | 0.70 | 7.28 |
| District Heat | 2,609 | 0.03 | 13.7 | 1.6 | 0.02 | 0.62 | 30.75 |
| Propane | Q | Q | Q | Q | Q | Q | 99.99 |
| Propane Other | Q | Q | Q | Q | Q | Q | 99.99 |

Table 27. Fuel Oil Consumption and Expenditure Intensities, 1995 (Continued)

| | F | uel Oil Consumpti | on | Fu | iel Oil Expenditure | es | _ |
|---------------------------------|------------------------------|------------------------------------|----------------------------|--|------------------------------------|----------------------------|---------------|
| Building Characteristics | per Building (gallons) | per Square Foot (gallons) | per Worker (gallons) | per Building (thousand dollars) | per Square Foot (dollars) | per Gallon (dollars) | RSE |
| RSE Column Factor: | 1.2 | 1.2 | 1.5 | 1.1 | 1.2 | 0.3 | Row Factor |
| Cooling Energy Source | | | | | | | |
| Fuel Oil | Q | Q | Q | Q | Q | Q | Q |
| Other Excluding Fuel Oil | 3,323 | 0.10 | 59.4 | 2.3 | 0.07 | 0.68 | 11.32 |
| Buildings without Cooling | 1,837 | 0.27 | 299.9 | 1.4 | 0.20 | 0.74 | 10.28 |
| Water-Heating Energy Source | | | | | | | |
| Fuel Oil | 6,676 | 0.37 | 347.5 | 4.4 | 0.25 | 0.67 | 11.49 |
| Other Excluding Fuel Oil | 2,046 | 0.07 | 39.2 | 1.5 | 0.05 | 0.72 | 9.56 |
| Buildings without Water Heating | 950 | 0.21 | Q | 0.8 | 0.17 | 0.81 | 22.65 |
| Cooking Energy Source | | | | | | | |
| Fuel Oil | Q | Q | Q | Q | Q | Q | Q |
| Other Excluding Fuel Oil | 6,055 | 0.09 | 52.8 | 3.9 | 0.06 | 0.65 | 13.16 |
| Buildings without Cooking | 1,928 | 0.15 | 103.9 | 1.4 | 0.11 | 0.74 | 10.35 |
| Percent of Floorspace Heated | | | | | | | |
| Not Heated | Q | Q | Q | Q | Q | Q | 99.99 |
| 1 to 50 | 1,036 | 0.10 | 158.7 | 0.8 | 0.08 | 0.82 | 24.20 |
| 51 to 99 | 3,407 | 0.11 | 75.0 | 2.4 | 0.08 | 0.71 | 20.15 |
| 100 | 3,008 | 0.12 | 71.0 | 2.1 | 0.08 | 0.68 | 9.41 |
| Annual Consumption (gallons) | | | | | | | |
| 1,000 or less | 366 | 0.02 | 8.9 | 0.3 | 0.01 | 0.93 | 15.77 |
| 1,001 to 5,000 | 2,240 | 0.18 | 106.2 | 1.8 | 0.14 | 0.80 | 8.61 |
| 5,001 to 10,000 | 6,988 | 0.19 | 166.1 | 5.2 | 0.14 | 0.75 | 7.43 |
| 10,001 to 25,000 | 15,225 | 0.29 | 289.3 | 9.6 | 0.19 | 0.63 | 6.38 |
| Over 25,000 | 61,226 | 0.34 | 226.7 | 35.3 | 0.20 | 0.58 | 12.08 |

Q = Data withheld because the Relative Standard Error (RSE) was greater than 50 percent, or data were reported for fewer than 20 buildings. Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding RSE column and RSE row factors. • See Glossary for explanation of abbreviations and definitions of terms used in this report. • Statistics for the "energy end uses" represent consumption in buildings that have end use, not consumption for a particular fuel for a particular end use. • Because of rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-871A through F of the 1995 Commercial Buildings Energy Consumption Survey.

Table 28. Fuel Oil Consumption and Conditional Energy Intensity by Census Region, 1995

| | | Consu | Fuel Oil mption gallons) | | | Build Using | orspace o dings Fuel Oil quare feet | | | Inte | Energy nsity s/sq. ft.) | | |
|--|--|-------------------------------------|-----------------------------------|-----------------------------------|--|--|--|---|---|------------------------------------|--|----------------------------------|--|
| Building Characteristics | North- east | Mid- west | South | West | North- east | Mid- west | South | West | North- east | Mid- west | South | West | RSE |
| RSE Column Factor: | 0.8 | 1.7 | 1.4 | 1.7 | 0.6 | 0.9 | 0.6 | 0.8 | 0.5 | 1.5 | 1.1 | 1.5 | Row Factor |
| All Buildings | 1,200 | 114 | 324 | 47 | 5,423 | 2,681 | 4,175 | 2,142 | 0.22 | 0.04 | 0.08 | 0.02 | 20.61 |
| Building Floorspace (square feet) 1,001 to 10,000 | 317 570 313 | Q Q 29 | 132 124 69 | Q Q Q | 789 1,997 2,638 | Q 816 1,646 | 553 1,171 2,452 | Q 573 1,504 | 0.40 0.29 0.12 | Q Q 0.02 | 0.24 0.11 0.03 | Q 0.03 Q | 32.72 26.60 24.27 |
| Principal Building Activity Education | 293 284 126 Q 32 392 | Q 20 Q Q Q Q | 82 Q Q 18 Q 102 | Q Q Q Q Q Q | 1,273 1,177 983 Q 374 1,248 | 430 Q 614 Q Q 795 | 408 553 1,271 332 Q 1,345 | Q Q 686 Q Q 722 | 0.23 0.24 0.13 Q 0.09 0.31 | Q Q Q Q Q 0.05 | 0.20 Q 0.04 0.06 Q 0.08 | a a a a a | 34.73 40.96 34.08 37.13 51.27 24.21 |
| Year Constructed 1919 or Before 1920 to 1945 1946 to 1959 1960 to 1969 1970 to 1979 1980 to 1989 1990 to 1992 1993 to 1995 | 173 229 284 258 126 80 Q | Q Q 15 Q Q Q | Q Q Q 99 56 Q Q | a a a a a a a a | 726 706 901 1,105 731 858 Q Q | Q 324 339 482 600 457 Q Q | Q Q 514 938 885 1,317 243 Q | Q Q Q 346 719 480 Q Q | 0.24 0.33 0.32 0.23 0.17 0.09 Q | Q Q Q Q 0.03 Q Q | Q Q 0.16 0.11 0.06 Q Q | a a a a a a a a | 39.95 42.61 36.98 34.99 32.95 34.81 57.26 99.99 |
| Climate Zone: 45-Year Average Fewer than 2,000 CDD and More than 7,000 HDD | 315 434 452 Q | Q Q 6 Q | Q Q 239 Q | Q Q Q Q | 798 2,055 2,571 Q | 930 1,366 385 Q | Q Q 1,832 1,291 | Q 303 Q 1,052 | 0.39 0.21 0.18 Q | 0.05 Q Q Q | Q Q 0.13 Q | Q Q 0.06 Q | 28.56 27.51 27.42 31.68 40.38 |
| Workers (main shift) Less than 10 | 379 546 275 | Q Q Q 22 | 122 115 87 | Q Q Q | 1,305 1,695 2,423 | Q 563 1,610 | 560 1,176 2,440 | Q 526 1,523 | 0.29 0.32 0.11 | 0.15 Q 0.01 | 0.22 0.10 0.04 | Q 0.06 Q | 27.80 26.83 25.74 |
| Weekly Operating Hours 48 or Fewer | 264 545 391 | Q Q 45 | 137 90 97 | Q Q Q | 1,123 2,348 1,952 | 326 998 1,358 | 972 1,364 1,839 | 241 865 1,035 | 0.24 0.23 0.20 | Q Q 0.03 | 0.14 0.07 0.05 | Q Q Q | 30.35 28.59 25.36 |
| Ownership and Occupancy Nongovernment Owned Owner Occupied Nonowner Occupied Unoccupied Government Owned | 842 764 73 Q 358 | 90 Q Q Q Q | 234 205 Q Q 90 | 23 21 Q Q Q | 3,883 3,475 383 Q 1,540 | 1,938 1,794 Q Q 743 | 3,196 2,782 414 Q 980 | 1,599 1,433 Q Q 542 | 0.22 0.22 0.19 Q 0.23 | 0.05 0.05 Q Q Q | 0.07 0.07 Q Q Q 0.09 | 0.01 0.01 Q Q Q | 23.96 22.66 49.49 99.99 25.93 |
| Space in Building Vacant for at Least Three Consecutive Months Yes | 166 1,034 | Q 80 | 30 294 | Q 45 | 1,337 4,086 | 1,082 1,599 | 1,371 2,804 | 871 1,270 | 0.12 0.25 | Q 0.05 | 0.02 0.10 | Q 0.04 | 30.09 22.20 |
| Energy Sources (more than one may apply) Electricity Natural Gas Fuel Oil District Heat District Chilled Water Propane Other | 1,192 464 1,200 51 Q 325 Q | 114 Q 114 Q Q Q Q | 323 96 324 Q Q Q | 47 Q 47 Q Q Q Q | 5,368 3,002 5,423 795 Q 945 Q | 2,669 2,133 2,681 609 Q Q Q | 4,166 2,517 4,175 Q 368 467 Q | 2,142 1,610 2,142 Q Q Q Q | 0.22 0.15 0.22 Q Q 0.34 Q | 0.04 Q 0.04 Q Q Q | 0.08 0.04 0.08 Q Q 0.21 | 0.02 Q 0.02 Q Q Q | 21.57 25.20 20.61 51.58 44.99 28.29 99.99 |

Table 28. Fuel Oil Consumption and Conditional Energy Intensity by Census Region, 1995 (Continued)

| | | Consu | Fuel Oil mption gallons) | | | Build Using | orspace of dings Fuel Oil quare feet | | Fuel Oil Energy Intensity (gallons/sq. ft.) | | | | |
|--|-----------------------------------|------------------------------|--------------------------------|------------------------|---------------------------------------|---------------------------------------|---|---------------------------------------|---|-----------------------------------|-----------------------------------|-----------------------------|--|
| Building Characteristics | North- east | Mid- west | South | West | North- east | Mid- west | South | West | North- east | Mid- west | South | West | DOE |
| RSE Column Factor: | 0.8 | 1.7 | 1.4 | 1.7 | 0.6 | 0.9 | 0.6 | 0.8 | 0.5 | 1.5 | 1.1 | 1.5 | RSE Row Factor |
| Energy End Uses (more than one may apply) | | | | | | | | | | | | | |
| Buildings with Space Heating Buildings with Cooling Buildings with Water Heating Buildings with Cooking Buildings with Manufacturing | 1,200 871 1,129 529 Q | 114 101 106 31 Q | 324 289 309 161 Q | Q Q 43 Q Q | 5,423 4,415 5,238 2,799 Q | 2,681 2,517 2,599 1,553 Q | 4,135 3,978 3,996 2,302 Q | 1,997 1,993 2,127 1,364 Q | 0.22 0.20 0.22 0.19 Q | 0.04 0.04 0.04 0.02 Q | 0.08 0.07 0.08 0.07 Q | 0.02 Q 0.02 Q Q | 20.79 22.06 20.94 23.43 99.99 |
| Buildings with Electricity Generation | 397 | 38 | 128 | Q | 2,758 | 1,835 | 3,094 | 1,889 | 0.14 | 0.02 | 0.04 | Q | 23.33 |
| Space-Heating Energy Source Fuel Oil | 1,172 1,079 93 28 Q | 97 Q 21 Q Q | 272 223 Q 52 Q | Q Q Q Q | 3,856 3,020 836 1,567 Q | 1,018 Q 730 1,663 Q | 1,540 802 738 2,595 Q | 192 Q Q 1,805 Q | 0.30 0.36 0.11 0.02 Q | 0.10 Q 0.03 Q Q | 0.18 0.28 0.07 0.02 Q | 0.18 Q Q Q Q | 23.22 23.94 32.00 30.67 99.99 |
| Primary Space-Heating Energy Source Electricity Natural Gas Fuel Oil District Heat Propane Other | Q 42 1,079 40 Q Q | Q 25 Q Q Q | Q 36 223 Q Q | Q Q Q Q Q | Q 1,231 3,020 633 Q Q | 284 1,483 Q 556 Q | 1,347 1,533 802 362 Q Q | 313 1,233 Q 342 Q Q | Q 0.03 0.36 0.06 Q | 0.03 0.02 Q Q Q | 0.04 0.02 0.28 0.02 Q | 0 0 0 0 0 | 33.41 28.19 23.94 50.74 99.99 99.99 |
| Cooling Energy Source Fuel Oil Other Excluding Fuel Oil Buildings without Cooling | Q 860 329 | Q 101 Q | Q 286 Q | Q Q Q | Q 4,353 1,008 | Q 2,509 Q | Q 3,943 Q | Q 1,988 Q | Q 0.20 0.33 | Q 0.04 Q | Q 0.07 Q | Q Q Q | Q 22.20 28.74 |
| Water-Heating Energy Source Fuel Oil Other Excluding Fuel Oil Buildings without Water Heating | 648 481 Q | Q 85 Q | Q 209 Q | Q 11 Q | 1,668 3,570 Q | Q 2,487 Q | Q 3,687 Q | Q 2,065 Q | 0.39 0.13 Q | Q 0.03 Q | Q 0.06 Q | Q Q Q | 24.03 21.03 99.99 |
| Cooking Energy Source Fuel Oil | Q 523 672 | Q 31 Q | Q 161 163 | Q Q 18 | Q 2,778 2,624 | Q 1,521 1,128 | Q 2,302 1,874 | Q 1,334 778 | Q 0.19 0.26 | Q 0.02 Q | Q 0.07 0.09 | Q Q 0.02 | Q 23.28 23.40 |
| Percent of Floorspace Heated Not Heated | Q 63 247 890 | Q Q Q 73 | Q Q Q 279 | Q Q Q Q | Q 341 1,246 3,837 | Q Q 261 2,202 | Q Q 883 2,943 | Q Q 467 1,395 | Q 0.18 0.20 0.23 | Q Q Q 0.03 | Q Q Q 0.09 | Q Q Q 0.02 | 99.99 59.37 40.00 23.31 |
| Annual Consumption (gallons) 1,000 or less 1,001 to 5,000 5,001 to 10,000 10,001 to 25,000 Over 25,000 | 37 348 173 219 424 | 9999 | Q Q Q Q | Q Q Q Q | 1,525 1,392 731 638 1,136 | 1,934 Q Q Q Q | 2,770 678 Q Q Q | 1,748 Q Q Q Q | 0.02 0.25 0.24 0.34 0.37 | 9999 | 0.02 0.13 Q Q Q | 9999 | 31.16 30.80 39.68 34.46 30.31 |

Q = Data withheld because the Relative Standard Error (RSE) was greater than 50 percent, or data were reported for fewer than 20 buildings.

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding RSE column and RSE row factors. • See Glossary for explanation of abbreviations and definitions of terms used in this report. • Statistics for the "energy end uses" represent consumption in buildings that have end use, not consumption for a particular fuel for a particular end use. • Because of rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-871A through F of the 1995 Commercial Buildings Energy Consumption Survey.

Table 29. Fuel Oil Expenditures by Census Region, 1995

| | | | | | | | F | | cpenditure | es | | | |
|--|------------------------|-----------------------------------|---|------------------------------|---|--|---|--|---|------------------------------------|---|----------------------------------|---|
| | | Expen | uel Oil ditures dollars) | | | per G | allon | | | per Squ | are Foot | | |
| Building Characteristics | North- east | Mid- west | South | West | North- east | Mid- west | South | West | North- east | Mid- west | South | West | RSE |
| RSE Column Factor: | 1.2 | 2.3 | 2.0 | 2.0 | 0.3 | 0.4 | 0.3 | 0.5 | 0.8 | 2.1 | 1.7 | 2.1 | Row Factor |
| All Buildings | 818 | 84 | 240 | 34 | 0.68 | 0.73 | 0.74 | 0.71 | 0.15 | 0.03 | 0.06 | 0.02 | 15.62 |
| Building Floorspace (square feet) 1,001 to 10,000 10,001 to 100,000 Over 100,000 | 260 386 172 | Q Q 17 | Q 83 42 | Q Q Q | 0.82 0.68 0.55 | Q 0.72 0.60 | 0.88 0.67 0.60 | Q 0.68 0.58 | 0.33 0.19 0.07 | Q Q 0.01 | 0.21 0.07 0.02 | Q Q Q | 15.05 18.51 17.00 |
| Principal Building Activity Education Mercantile and Service Office Public Assembly Warehouse and Storage All Others | 93 | Q 16 Q Q Q 28 | 51 Q Q 15 Q 74 | Q Q Q Q Q Q | 0.61 0.72 0.74 Q 0.65 0.68 | 0.63 0.79 0.82 Q Q 0.66 | 0.62 0.87 0.74 0.83 Q 0.72 | Q Q 1.03 Q Q Q 0.75 | 0.14 0.17 0.10 Q 0.06 0.21 | Q Q Q Q Q 0.04 | 0.13 Q 0.03 0.05 Q 0.05 | Q Q Q Q Q | 19.12 19.85 21.33 20.15 26.49 15.48 |
| Year Constructed 1919 or Before 1920 to 1945 1946 to 1959 1960 to 1969 1970 to 1979 1980 to 1989 1990 to 1992 1993 to 1995 | 218 173 77 51 | Q Q 10 Q Q Q | Q Q 61 70 42 Q Q Q | a a a a a a a a | 0.68 0.65 0.77 0.67 0.61 0.63 Q | Q 0.82 0.66 0.68 0.70 0.73 Q | Q Q 0.74 0.71 0.75 0.81 0.93 Q | Q Q Q 0.52 0.80 1.03 Q | 0.16 0.21 0.24 0.16 0.11 0.06 Q | Q Q Q Q 0.02 Q Q | Q Q 0.12 0.07 0.05 Q Q | Q Q Q Q Q Q Q Q | 20.97 13.75 19.12 22.02 21.40 32.99 9.48 99.99 |
| Climate Zone: 45-Year Average Fewer than 2,000 CDD and More than 7,000 HDD | 202 304 312 Q | Q Q 5 Q | Q Q 178 Q | Q Q Q 2 | 0.64 0.70 0.69 Q | 0.75 0.70 0.88 Q | Q Q 0.75 0.74 | Q 0.83 0.57 0.95 | 0.25 0.15 0.12 Q | 0.04 Q Q Q | Q Q 0.10 0.03 | Q Q 0.03 Q | 16.79 10.98 21.99 27.86 34.72 |
| Workers (main shift) Less than 10 | 298 361 158 | Q Q 14 | 106 80 53 | Q Q Q | 0.79 0.66 0.58 | 0.77 0.66 0.65 | 0.87 0.70 0.62 | Q 0.70 0.66 | 0.23 0.21 0.07 | 0.11 Q 0.01 | 0.19 0.07 0.02 | Q 0.04 Q | 12.67 19.68 19.20 |
| Weekly Operating Hours 48 or Fewer | 194 381 243 | Q Q 32 | 109 63 67 | Q Q Q | 0.73 0.70 0.62 | 0.75 0.76 0.70 | 0.80 0.70 0.69 | 0.73 0.72 0.68 | 0.17 0.16 0.12 | Q Q 0.02 | 0.11 0.05 0.04 | Q Q Q | 23.04 20.61 22.56 |
| Ownership and Occupancy Nongovernment Owned Owner Occupied Nonowner Occupied Unoccupied Government Owned | 46 Q | Q Q Q Q Q | 179 154 Q Q 60 | 20 19 Q Q Q | 0.71 0.71 0.63 Q 0.62 | 0.74 0.75 Q Q 0.68 | 0.77 0.75 0.88 Q 0.67 | 0.87 0.89 Q Q 0.55 | 0.15 0.16 0.12 Q 0.14 | 0.03 0.03 Q Q Q | 0.06 0.06 Q Q Q | 0.01 0.01 Q Q Q | 17.62 16.88 19.54 99.99 21.33 |
| Space in Building Vacant for at Least Three Consecutive Months Yes | 108 710 | Q 59 | 24 216 | Q 32 | 0.65 0.69 | 0.71 0.74 | 0.80 0.73 | 0.77 0.71 | 0.08 0.17 | Q 0.04 | 0.02 0.08 | Q 0.02 | 21.04 16.82 |
| Energy Sources (more than one may apply) Electricity Natural Gas Fuel Oil District Heat District Chilled Water Propane Other | 300 818 31 Q | 84 Q 84 Q Q Q Q | 239 61 240 Q 3 Q | 34 Q 34 Q Q Q | 0.68 0.65 0.68 0.60 Q 0.68 Q | 0.73 0.65 0.73 0.78 Q Q | 0.74 0.64 0.74 Q 0.64 0.70 Q | 0.71 0.57 0.71 Q Q Q | 0.15 0.10 0.15 0.04 Q 0.23 Q | 0.03 Q 0.03 Q Q Q | 0.06 0.02 0.06 Q 0.01 0.14 | 0.02 Q 0.02 Q Q Q | 16.03 19.73 15.62 51.94 28.76 14.85 99.99 |

Table 29. Fuel Oil Expenditures by Census Region, 1995 (Continued)

| | | Total F | - uel Oil | | | | F | | (penditure lars) | es | | | _ |
|--|----------------|--------------|---------------------|--------|----------------|--------------|--------------|--------------|---------------------|-----------------|--------------|-----------|----------------------|
| | | Expen | ditures dollars) | | | per Gallon | | | | per Square Foot | | | |
| Building Characteristics | North- east | Mid- west | South | West | North- east | Mid- west | South | West | North- east | Mid- west | South | West | - 005 |
| RSE Column Factor: | 1.2 | 2.3 | 2.0 | 2.0 | 0.3 | 0.4 | 0.3 | 0.5 | 0.8 | 2.1 | 1.7 | 2.1 | RSE Row Factor |
| Energy End Uses (more than one | | | | | | | | | | | | | |
| may apply) | | | 0.40 | | | . =- | | | | | | | |
| Buildings with Space Heating Buildings with Cooling | 818 577 | 84 72 | 240 209 | Q Q | 0.68 0.66 | 0.73 0.71 | 0.74 0.72 | 0.64 0.86 | 0.15 0.13 | 0.03 | 0.06 0.05 | 0.01 Q | 16.11 21.22 |
| Buildings with Water Heating | | 76 | 226 | 30 | 0.68 | 0.71 | 0.72 | 0.69 | 0.15 | 0.03 | 0.06 | 0.01 | 16.95 |
| Buildings with Cooking | 336 | 20 | 108 | Q | 0.64 | 0.66 | 0.67 | 0.59 | 0.12 | 0.01 | 0.05 | Q | 21.04 |
| Buildings with Manufacturing | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | 99.99 |
| Buildings with Electricity | 044 | 07 | 00 | 0 | 0.04 | 0.74 | 0.00 | 0.70 | 0.00 | 0.04 | 0.00 | • | 04.00 |
| Generation | 244 | 27 | 86 | Q | 0.61 | 0.71 | 0.68 | 0.70 | 0.09 | 0.01 | 0.03 | Q | 21.98 |
| Space-Heating Energy Source | | | | | | | | | | | | | |
| Fuel Oil | | 71 | 202 | Q | 0.68 | 0.73 | 0.74 | 0.62 | 0.21 | 0.07 | 0.13 | 0.11 | 15.35 |
| Fuel Oil Main | | Q | 169 | Q | 0.69 | Q 0.70 | 0.76 | Q | 0.24 | Q | 0.21 | Q | 13.70 |
| Fuel Oil Secondary Other Excluding Fuel Oil | 61 18 | 14 Q | Q 37 | Q 4 | 0.66 0.63 | 0.70 0.71 | 0.69 0.72 | Q 0.82 | 0.07 0.01 | 0.02 Q | 0.05 0.01 | Q Q | 20.00 24.55 |
| Buildings without Space Heating | Q | Q | Q | Q | Q.03 | Q.71 | Q.72 | Q.02 | Q.01 | Q | Q.01 | Q | 99.99 |
| | | | | | | | | | | | | | |
| Primary Space-Heating Energy Source | | | | | | | | | | | | | |
| Electricity | Q | Q | Q | Q | Q | 0.72 | 0.68 | 0.81 | Q | 0.02 | 0.03 | Q | 20.14 |
| Natural Gas | | 16 | 25 | Q | 0.64 | 0.66 | 0.70 | 0.78 | 0.02 | 0.01 | 0.02 | ã | 22.63 |
| Fuel Oil | 739 | Q | 169 | Q | 0.69 | Q | 0.76 | Q | 0.24 | Q | 0.21 | Q | 13.70 |
| District Heat | | Q | 4 | Q | 0.60 | 0.91 | 0.62 | 0.83 | 0.04 | Q | 0.01 | Q | 22.85 |
| Propane | | Q Q | Q Q | Q Q | Q Q | Q Q | Q Q | Q Q | Q Q | Q Q | Q Q | Q Q | 99.99 99.99 |
| Other | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | 99.99 |
| Cooling Energy Source | | | | | | | | | | | | | |
| Fuel Oil | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Other Excluding Fuel Oil Buildings without Cooling | | 72 Q | 207 Q | Q Q | 0.66 0.73 | 0.71 Q | 0.72 Q | 0.88 Q | 0.13 0.24 | 0.03 Q | 0.05 Q | Q Q | 21.12 16.58 |
| Dullarings without Cooling | 241 | Q | Q | Q | 0.75 | Q | Q | Q | 0.24 | Q | Q | Q | 10.50 |
| Water-Heating Energy Source | 400 | _ | _ | _ | | _ | | _ | | _ | | _ | |
| Fuel Oil Other Excluding Fuel Oil | 428 336 | Q Q | Q 156 | Q 8 | 0.66 0.70 | Q 0.73 | Q 0.75 | Q 0.76 | 0.26 0.09 | Q 0.02 | Q 0.04 | Q (*) | 14.74 18.12 |
| Buildings without Water Heating | Q | Q | Q | Q° | 0.70 Q | 0.73 Q | 0.75 Q | 0.76 Q | Q.09 | Q.02 | Q.04 | (*) Q | 99.99 |
| | | | | | | | | | | | | | |
| Cooking Energy Source | Q | Q | 0 | Q | Q | Q | Q | Q | Q | Q | Q | 0 | Q |
| Fuel Oil Other Excluding Fuel Oil | | Q 20 | 108 | Q | Q 0.64 | Q 0.66 | Q 0.67 | 0.65 | Q 0.12 | Q 0.01 | 0.05 | Q Q | 21.31 |
| Buildings without Cooking | 482 | Q | 132 | 17 | 0.72 | 0.76 | 0.81 | 0.90 | 0.18 | Q | 0.07 | 0.02 | 16.18 |
| Percent of Floorspace Heated | | | | | | | | | | | | | |
| Not Heated | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | 99.99 |
| 1 to 50 | | Q | Q | Q | 0.84 | Q | Q | Q | 0.15 | Q | Q | Q | 38.03 |
| 51 to 99 | | Q | Q | Q | 0.69 | 0.77 | 0.91 | 0.60 | 0.14 | Q | Q | Q | 17.53 |
| 100 | 594 | 52 | 201 | Q | 0.67 | 0.71 | 0.72 | 0.65 | 0.15 | 0.02 | 0.07 | 0.01 | 17.09 |
| Annual Consumption (gallons) | | | | | | | | | | | | | |
| 1,000 or less | 35 | Q | Q | Q | 0.95 | 0.90 | 0.93 | 0.91 | 0.02 | Q | 0.02 | Q | 17.04 |
| 1,001 to 5,000 | 276 | Q | Q | Q | 0.79 | Q | 0.84 | Q | 0.20 | Q | 0.11 | Q | 17.87 |
| 5,001 to 10,000 | | Q | Q | Q | 0.77 | Q | Q | Q | 0.18 | Q | Q | Q | 18.59 |
| 10,001 to 25,000 | 139 | Q | Q | Q | 0.63 | Q | Q | Q | 0.22 | Q | Q | Q | 16.34 |
| Over 25,000 | 236 | Q | Q | Q | 0.56 | Q | Q | Q | 0.21 | Q | Q | Q | 16.96 |

^{(*) =} Value rounds to zero in the units displayed.

Q = Data withheld because the Relative Standard Error (RSE) was greater than 50 percent, or data were reported for fewer than 20 buildings.

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding RSE column and RSE row factors. • See Glossary for explanation of abbreviations and definitions of terms used in this report. • Statistics for the "energy end uses" represent consumption in buildings that have end use, not consumption for a particular fuel for a particular end use. • Because of rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-871A through F of the 1995 Commercial Buildings Energy Consumption Survey.