

Table E1A. Major Fuel Consumption (Btu) by End Use for All Buildings, 2003

| | Total Major Fuel Consumption (trillion Btu) | | | | | | | | | | |
|--|---|---------------|---------|-------------|---------------|----------|---------|---------------|------------------|-----------|-------|
| | Total | Space Heating | Cooling | Ventilation | Water Heating | Lighting | Cooking | Refrigeration | Office Equipment | Computers | Other |
| All Buildings | 6,523 | 2,365 | 516 | 436 | 501 | 1,340 | 190 | 381 | 69 | 156 | 569 |
| Building Floorspace (Square Feet) | | | | | | | | | | | |
| 1,001 to 5,000 | 685 | 213 | 46 | 18 | 49 | 96 | 49 | 138 | 8 | 12 | 56 |
| 5,001 to 10,000 | 563 | 212 | 39 | 18 | 43 | 95 | 37 | 57 | 6 | 10 | 46 |
| 10,001 to 25,000 | 899 | 357 | 57 | 52 | 51 | 184 | 29 | 57 | 10 | 20 | 83 |
| 25,001 to 50,000 | 742 | 281 | 63 | 55 | 60 | 140 | 16 | 37 | 7 | 17 | 66 |
| 50,001 to 100,000 | 913 | 325 | 79 | 78 | 67 | 202 | 17 | 35 | 7 | 20 | 83 |
| 100,001 to 200,000 | 1,064 | 399 | 84 | 91 | 81 | 234 | 11 | 30 | Q | 33 | 89 |
| 200,001 to 500,000 | 751 | 286 | 58 | 56 | 69 | 170 | 14 | 10 | 8 | 20 | 61 |
| Over 500,000 | 906 | 292 | 91 | 67 | 81 | 220 | 18 | 19 | Q | 25 | 85 |
| Principal Building Activity | | | | | | | | | | | |
| Education | 820 | 389 | 79 | 83 | 57 | 113 | 8 | 16 | 4 | 32 | 39 |
| Food Sales | 251 | 36 | 12 | 7 | 4 | 46 | 11 | 119 | 2 | 2 | 11 |
| Food Service | 427 | 71 | 29 | 24 | 67 | 42 | 105 | 70 | 2 | 2 | 16 |
| Health Care | 594 | 223 | 44 | 42 | 95 | 105 | 11 | 8 | 4 | 10 | 51 |
| Inpatient | 475 | 175 | 35 | 38 | 92 | 76 | 11 | 4 | 2 | 7 | 34 |
| Outpatient | 119 | 48 | 9 | 4 | 3 | 28 | Q | 4 | 2 | 3 | 17 |
| Lodging | 510 | 113 | 25 | 14 | 160 | 124 | 16 | 12 | Q | 6 | 36 |
| Mercantile | 1,021 | 269 | 110 | 68 | 57 | 308 | 26 | 49 | 8 | 11 | 115 |
| Retail (Other Than Mall) | 319 | 107 | 25 | 16 | 5 | 111 | 3 | 22 | 3 | 4 | 24 |
| Enclosed and Strip Malls | 702 | 162 | 85 | 51 | 53 | 197 | 24 | 27 | 5 | 8 | 91 |
| Office | 1,134 | 400 | 109 | 63 | 24 | 281 | 4 | 35 | 32 | 74 | 110 |
| Public Assembly | 370 | 196 | 38 | 63 | 4 | 27 | 3 | 9 | Q | Q | 26 |
| Public Order and Safety | 126 | 54 | 10 | 10 | 15 | 18 | 1 | 3 | 1 | 2 | 12 |
| Religious Worship | 163 | 98 | 11 | 5 | 3 | 17 | 3 | 6 | (*) | 1 | 19 |
| Service | 312 | 145 | 16 | 24 | 4 | 63 | Q | 9 | 1 | 3 | 46 |
| Warehouse and Storage | 456 | 194 | 14 | 20 | 6 | 132 | Q | 36 | 2 | 5 | 48 |
| Other | 286 | 138 | 18 | 11 | 4 | 59 | Q | 10 | Q | 5 | 33 |
| Vacant | 54 | 37 | 2 | 1 | (*) | 4 | Q | Q | Q | (*) | 8 |
| Year Constructed | | | | | | | | | | | |
| Before 1920 | 303 | 181 | 7 | 11 | 17 | 35 | 17 | Q | 2 | 4 | 15 |
| 1920 to 1945 | 631 | 318 | 26 | 30 | 43 | 92 | 20 | 26 | 3 | 8 | 64 |
| 1946 to 1959 | 588 | 284 | 32 | 36 | 46 | 94 | 13 | 27 | 4 | 11 | 41 |
| 1960 to 1969 | 791 | 353 | 48 | 53 | 68 | 127 | 15 | 42 | 7 | 19 | 60 |
| 1970 to 1979 | 1,191 | 397 | 97 | 86 | 101 | 265 | 32 | 64 | 14 | 29 | 106 |
| 1980 to 1989 | 1,247 | 359 | 122 | 82 | 103 | 298 | 33 | 74 | 17 | 39 | 120 |
| 1990 to 1999 | 1,262 | 352 | 129 | 101 | 84 | 294 | 40 | 91 | 18 | 36 | 117 |
| 2000 to 2003 | 511 | 122 | 55 | 37 | 39 | 136 | 20 | 41 | 4 | 10 | 47 |
| Census Region and Division | | | | | | | | | | | |
| Northeast | 1,396 | 674 | 55 | 76 | 93 | 239 | 38 | 63 | 13 | 32 | 113 |
| New England | 345 | 186 | 10 | 15 | 20 | 55 | Q | 21 | 2 | 7 | 21 |
| Middle Atlantic | 1,052 | 488 | 45 | 60 | 74 | 184 | 31 | 42 | 11 | 25 | 92 |
| Midwest | 1,799 | 874 | 67 | 109 | 107 | 313 | 38 | 92 | 16 | 36 | 146 |
| East North Central | 1,343 | 676 | 46 | 83 | 77 | 230 | 28 | 62 | 12 | 27 | 102 |
| West North Central | 456 | 198 | 21 | 26 | 30 | 83 | 10 | 30 | 4 | 9 | 45 |
| South | 2,265 | 519 | 308 | 179 | 191 | 543 | 82 | 167 | 20 | 58 | 198 |
| South Atlantic | 1,241 | 278 | 162 | 99 | 100 | 311 | 40 | 95 | 12 | 37 | 106 |
| East South Central | 340 | 113 | 27 | 25 | 32 | 72 | 10 | 25 | 2 | 6 | 28 |
| West South Central | 684 | 128 | 119 | 54 | 59 | 160 | 31 | 47 | 6 | 15 | 64 |
| West | 1,063 | 298 | 86 | 72 | 109 | 245 | 33 | 59 | 20 | 30 | 112 |
| Mountain | 446 | 167 | 31 | 27 | 41 | 94 | 7 | 20 | Q | 9 | 43 |
| Pacific | 617 | 131 | 55 | 45 | 68 | 151 | 25 | 39 | Q | 21 | 69 |

Table E1A. Major Fuel Consumption (Btu) by End Use for All Buildings, 2003

| | Total Major Fuel Consumption (trillion Btu) | | | | | | | | | | |
|--|---|---------------|---------|-------------|---------------|----------|---------|---------------|------------------|-----------|-------|
| | Total | Space Heating | Cooling | Ventilation | Water Heating | Lighting | Cooking | Refrigeration | Office Equipment | Computers | Other |
| All Buildings | 6,523 | 2,365 | 516 | 436 | 501 | 1,340 | 190 | 381 | 69 | 156 | 569 |
| Climate Zone: 30-Year Average | | | | | | | | | | | |
| Under 2,000 CDD and -- | | | | | | | | | | | |
| More than 7,000 HDD | 1,086 | 555 | 27 | 66 | 67 | 180 | 22 | 62 | 9 | 18 | 80 |
| 5,500-7,000 HDD | 1,929 | 913 | 75 | 109 | 127 | 352 | 46 | 94 | 17 | 41 | 154 |
| 4,000-5,499 HDD | 1,243 | 463 | 78 | 77 | 95 | 259 | 37 | 65 | 19 | 32 | 118 |
| Fewer than 4,000 HDD | 1,386 | 328 | 143 | 108 | 134 | 330 | 53 | 101 | 15 | 35 | 139 |
| 2,000 CDD or More and -- | | | | | | | | | | | |
| Fewer than 4,000 HDD | 879 | 106 | 193 | 76 | 78 | 219 | 32 | 59 | 8 | 29 | 79 |
| Number of Establishments | | | | | | | | | | | |
| One | 4,167 | 1,562 | 289 | 272 | 362 | 790 | 139 | 290 | 42 | 87 | 334 |
| 2 to 5 | 1,161 | 460 | 84 | 74 | 75 | 245 | 27 | 55 | 13 | 26 | 101 |
| 6 to 10 | 378 | 135 | 32 | 25 | 19 | 89 | 8 | 11 | 4 | 18 | 37 |
| 11 to 20 | 307 | 82 | 37 | 25 | 17 | 82 | 7 | 11 | 3 | 8 | 34 |
| More than 20 | 473 | 98 | 74 | 39 | 27 | 131 | 9 | 13 | 7 | 17 | 57 |
| Currently Unoccupied | 37 | 28 | Q | (*) | Q | 3 | Q | Q | Q | Q | 5 |
| Energy Sources (more than one may apply) | | | | | | | | | | | |
| Electricity | 6,522 | 2,364 | 516 | 436 | 501 | 1,340 | 190 | 381 | 69 | 156 | 569 |
| Natural Gas | 5,042 | 1,878 | 356 | 333 | 436 | 987 | 183 | 259 | 47 | 114 | 448 |
| Fuel Oil | 1,867 | 683 | 142 | 129 | 204 | 389 | 36 | 47 | 25 | 52 | 160 |
| District Heat | 1,029 | 609 | 34 | 70 | 60 | 150 | Q | 12 | 5 | 29 | 50 |
| Energy End Uses (more than one may apply) | | | | | | | | | | | |
| Buildings with Space Heating | 6,370 | 2,365 | 488 | 425 | 490 | 1,297 | 183 | 361 | 68 | 153 | 540 |
| Buildings with Cooling | 6,149 | 2,140 | 516 | 420 | 479 | 1,285 | 186 | 367 | 68 | 154 | 533 |
| Buildings with Water Heating | 6,158 | 2,179 | 493 | 417 | 501 | 1,262 | 190 | 362 | 67 | 152 | 535 |

See "Guide to the Tables" or "Glossary" for further explanations of the terms used in this table. Both can be accessed from the CBECS web site - <http://www.eia.doe.gov/emeu/cbecs>.

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

Q=Data withheld because fewer than 20 buildings were sampled for any cell, or because the Relative Standard Error (RSE) was greater than 50 percent for a cell in the "Total" column.

Note: Due to rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-871A, C, and E of the 2003 Commercial Buildings Energy Consumption Survey.

Table E2A. Major Fuel Consumption (Btu) Intensities by End Use for All Buildings, 2003

| | Major Fuel Energy Intensity (thousand Btu/square foot) | | | | | | | | | | |
|--|--|---------------|---------|-------------|---------------|----------|---------|---------------|------------------|-----------|-------|
| | Total | Space Heating | Cooling | Ventilation | Water Heating | Lighting | Cooking | Refrigeration | Office Equipment | Computers | Other |
| All Buildings | 91.0 | 33.0 | 7.2 | 6.1 | 7.0 | 18.7 | 2.7 | 5.3 | 1.0 | 7.9 | 2.5 |
| Building Floorspace (Square Feet) | | | | | | | | | | | |
| 1,001 to 5,000 | 99.0 | 30.7 | 6.7 | 2.7 | 7.1 | 13.9 | 7.1 | 19.9 | 1.1 | 8.2 | 2.9 |
| 5,001 to 10,000 | 80.0 | 30.1 | 5.5 | 2.6 | 6.1 | 13.6 | 5.2 | 8.2 | 0.8 | 6.6 | 1.8 |
| 10,001 to 25,000 | 71.0 | 28.2 | 4.5 | 4.1 | 4.1 | 14.5 | 2.3 | 4.5 | 0.8 | 6.5 | 1.9 |
| 25,001 to 50,000 | 79.0 | 29.9 | 6.8 | 5.9 | 6.3 | 14.9 | 1.7 | 3.9 | 0.8 | 7.1 | 2.0 |
| 50,001 to 100,000 | 88.7 | 31.6 | 7.6 | 7.6 | 6.5 | 19.6 | 1.7 | 3.4 | 0.7 | 8.1 | 2.0 |
| 100,001 to 200,000 | 104.2 | 39.1 | 8.2 | 8.9 | 7.9 | 22.9 | 1.1 | 2.9 | Q | 8.7 | 3.5 |
| 200,001 to 500,000 | 100.2 | 38.2 | 7.8 | 7.4 | 9.2 | 22.7 | 1.8 | 1.3 | 1.1 | 8.2 | 2.8 |
| Over 500,000 | 118.2 | 38.2 | 11.8 | 8.8 | 10.6 | 28.7 | 2.3 | 2.4 | Q | 11.1 | 3.3 |
| Principal Building Activity | | | | | | | | | | | |
| Education | 83.1 | 39.4 | 8.0 | 8.4 | 5.8 | 11.5 | 0.8 | 1.6 | 0.4 | 4.0 | 3.4 |
| Food Sales | 199.7 | 28.9 | 9.8 | 5.9 | 2.9 | 36.7 | 8.6 | 94.8 | 1.6 | 9.1 | 1.9 |
| Food Service | 258.3 | 43.1 | 17.4 | 14.8 | 40.4 | 25.4 | 63.5 | 42.1 | 1.0 | 9.5 | 1.4 |
| Health Care | 187.7 | 70.4 | 14.1 | 13.3 | 30.2 | 33.1 | 3.5 | 2.6 | 1.2 | 16.1 | 3.4 |
| Inpatient | 249.2 | 91.8 | 18.6 | 20.0 | 48.4 | 40.1 | 5.6 | 2.0 | 1.1 | 18.1 | 3.9 |
| Outpatient | 94.6 | 38.1 | 7.2 | 3.3 | 2.5 | 22.6 | Q | 3.5 | 1.3 | 13.2 | 2.6 |
| Lodging | 100.0 | 22.2 | 4.9 | 2.7 | 31.4 | 24.3 | 3.2 | 2.3 | Q | 7.0 | 1.3 |
| Mercantile | 91.3 | 24.0 | 9.9 | 6.0 | 5.1 | 27.5 | 2.3 | 4.4 | 0.7 | 10.3 | 1.1 |
| Retail (Other Than Mall) | 73.9 | 24.8 | 5.9 | 3.7 | 1.1 | 25.7 | 0.6 | 5.0 | 0.6 | 5.6 | 1.0 |
| Enclosed and Strip Malls | 102.2 | 23.6 | 12.4 | 7.5 | 7.7 | 28.6 | 3.4 | 4.0 | 0.8 | 13.2 | 1.1 |
| Office | 92.9 | 32.8 | 8.9 | 5.2 | 2.0 | 23.1 | 0.3 | 2.9 | 2.6 | 9.0 | 6.1 |
| Public Assembly | 93.9 | 49.7 | 9.6 | 15.9 | 1.0 | 7.0 | 0.8 | 2.2 | Q | 6.5 | Q |
| Public Order and Safety | 115.8 | 49.9 | 8.9 | 9.5 | 14.0 | 16.5 | 1.3 | 2.9 | 0.6 | 10.6 | 1.6 |
| Religious Worship | 43.5 | 26.2 | 2.9 | 1.4 | 0.8 | 4.4 | 0.8 | 1.7 | 0.1 | 4.9 | 0.3 |
| Service | 77.0 | 35.9 | 3.8 | 6.0 | 1.0 | 15.6 | Q | 2.1 | 0.3 | 11.4 | 1.0 |
| Warehouse and Storage | 45.2 | 19.3 | 1.3 | 2.0 | 0.6 | 13.1 | Q | 3.5 | 0.2 | 4.8 | 0.6 |
| Other | 164.4 | 79.4 | 10.5 | 6.1 | 2.1 | 34.1 | Q | 6.0 | Q | 18.9 | 3.0 |
| Vacant | 20.9 | 14.4 | 0.6 | 0.4 | 0.1 | 1.7 | Q | Q | Q | 3.1 | Q |
| Year Constructed | | | | | | | | | | | |
| Before 1920 | 80.2 | 47.7 | 1.8 | 2.9 | 4.4 | 9.1 | 4.4 | 4.4 | 0.5 | 3.9 | 1.2 |
| 1920 to 1945 | 90.4 | 45.5 | 3.8 | 4.4 | 6.2 | 13.2 | 2.9 | 3.7 | 0.4 | 9.1 | 1.5 |
| 1946 to 1959 | 80.9 | 39.1 | 4.5 | 4.9 | 6.3 | 12.9 | 1.9 | 3.7 | 0.6 | 5.7 | 1.9 |
| 1960 to 1969 | 91.5 | 40.8 | 5.6 | 6.1 | 7.8 | 14.7 | 1.7 | 4.8 | 0.8 | 6.9 | 2.5 |
| 1970 to 1979 | 97.0 | 32.3 | 7.9 | 7.0 | 8.3 | 21.6 | 2.6 | 5.2 | 1.1 | 8.6 | 2.6 |
| 1980 to 1989 | 100.0 | 28.8 | 9.8 | 6.6 | 8.2 | 23.9 | 2.7 | 6.0 | 1.3 | 9.6 | 3.4 |
| 1990 to 1999 | 90.2 | 25.2 | 9.2 | 7.2 | 6.0 | 21.0 | 2.9 | 6.5 | 1.3 | 8.4 | 2.9 |
| 2000 to 2003 | 81.6 | 19.4 | 8.8 | 5.9 | 6.3 | 21.7 | 3.3 | 6.5 | 0.7 | 7.4 | 1.8 |
| Census Region and Division | | | | | | | | | | | |
| Northeast | 99.8 | 48.2 | 3.9 | 5.4 | 6.7 | 17.1 | 2.7 | 4.5 | 0.9 | 8.1 | 2.5 |
| New England | 99.8 | 53.9 | 3.0 | 4.5 | 5.8 | 16.0 | 1.9 | 6.0 | 0.7 | 6.0 | 2.3 |
| Middle Atlantic | 99.7 | 46.3 | 4.2 | 5.7 | 7.0 | 17.4 | 3.0 | 4.0 | 1.0 | 8.7 | 2.6 |
| Midwest | 99.4 | 48.3 | 3.7 | 6.0 | 5.9 | 17.3 | 2.1 | 5.1 | 0.9 | 8.1 | 2.4 |
| East North Central | 108.1 | 54.4 | 3.7 | 6.7 | 6.2 | 18.5 | 2.2 | 5.0 | 1.0 | 8.2 | 2.6 |
| West North Central | 80.2 | 34.8 | 3.8 | 4.6 | 5.3 | 14.6 | 1.8 | 5.3 | 0.6 | 7.8 | 1.9 |
| South | 84.7 | 19.4 | 11.5 | 6.7 | 7.1 | 20.3 | 3.1 | 6.3 | 0.8 | 7.4 | 2.5 |
| South Atlantic | 88.7 | 19.9 | 11.6 | 7.1 | 7.1 | 22.2 | 2.9 | 6.8 | 0.9 | 7.6 | 3.1 |
| East South Central | 91.4 | 30.3 | 7.2 | 6.6 | 8.6 | 19.5 | 2.7 | 6.8 | 0.6 | 7.6 | 1.8 |
| West South Central | 75.8 | 14.2 | 13.2 | 6.0 | 6.5 | 17.7 | 3.5 | 5.2 | 0.7 | 7.1 | 2.0 |
| West | 82.9 | 23.2 | 6.7 | 5.6 | 8.5 | 19.1 | 2.6 | 4.6 | 1.6 | 8.8 | 2.6 |
| Mountain | 106.1 | 39.8 | 7.4 | 6.4 | 9.7 | 22.4 | 1.8 | 4.8 | Q | 10.2 | 2.4 |
| Pacific | 71.6 | 15.2 | 6.4 | 5.2 | 7.9 | 17.5 | 2.9 | 4.5 | Q | 8.0 | 2.7 |

Table E2A. Major Fuel Consumption (Btu) Intensities by End Use for All Buildings, 2003

| | Major Fuel Energy Intensity (thousand Btu/square foot) | | | | | | | | | | |
|--|--|---------------|---------|-------------|---------------|----------|---------|---------------|------------------|-----------|-------|
| | Total | Space Heating | Cooling | Ventilation | Water Heating | Lighting | Cooking | Refrigeration | Office Equipment | Computers | Other |
| All Buildings | 91.0 | 33.0 | 7.2 | 6.1 | 7.0 | 18.7 | 2.7 | 5.3 | 1.0 | 7.9 | 2.5 |
| Climate Zone: 30-Year Average | | | | | | | | | | | |
| Under 2,000 CDD and -- | | | | | | | | | | | |
| More than 7,000 HDD | 94.2 | 48.1 | 2.4 | 5.7 | 5.8 | 15.6 | 1.9 | 5.4 | 0.8 | 6.9 | 1.9 |
| 5,500-7,000 HDD | 102.6 | 48.5 | 4.0 | 5.8 | 6.8 | 18.7 | 2.5 | 5.0 | 0.9 | 8.2 | 2.5 |
| 4,000-5,499 HDD | 99.4 | 37.0 | 6.3 | 6.1 | 7.6 | 20.7 | 3.0 | 5.2 | 1.5 | 9.4 | 2.8 |
| Fewer than 4,000 HDD | 78.6 | 18.6 | 8.1 | 6.1 | 7.6 | 18.7 | 3.0 | 5.7 | 0.9 | 7.9 | 2.4 |
| 2,000 CDD or More and -- | | | | | | | | | | | |
| Fewer than 4,000 HDD | 78.6 | 9.5 | 17.3 | 6.8 | 6.9 | 19.5 | 2.9 | 5.3 | 0.8 | 7.0 | 2.9 |
| Number of Establishments | | | | | | | | | | | |
| One | 92.3 | 34.6 | 6.4 | 6.0 | 8.0 | 17.5 | 3.1 | 6.4 | 0.9 | 7.4 | 2.2 |
| 2 to 5 | 92.4 | 36.6 | 6.6 | 5.9 | 6.0 | 19.5 | 2.1 | 4.4 | 1.1 | 8.1 | 2.2 |
| 6 to 10 | 112.6 | 40.1 | 9.4 | 7.5 | 5.7 | 26.6 | 2.5 | 3.3 | 1.2 | 11.1 | 5.3 |
| 11 to 20 | 91.1 | 24.3 | 11.0 | 7.5 | 5.1 | 24.3 | 2.0 | 3.3 | 1.0 | 10.2 | 2.5 |
| More than 20 | 93.4 | 19.4 | 14.6 | 7.8 | 5.4 | 26.0 | 1.7 | 2.7 | 1.3 | 11.2 | 3.4 |
| Currently Unoccupied | 17.2 | 12.8 | Q | 0.1 | (*) | 1.2 | Q | Q | Q | 2.3 | Q |
| Energy Sources (more than one may apply) | | | | | | | | | | | |
| Electricity | 92.9 | 33.7 | 7.4 | 6.2 | 7.1 | 19.1 | 2.7 | 5.4 | 1.0 | 8.1 | 2.5 |
| Natural Gas | 104.0 | 38.7 | 7.3 | 6.9 | 9.0 | 20.4 | 3.8 | 5.3 | 1.0 | 9.2 | 2.5 |
| Fuel Oil | 114.8 | 42.0 | 8.7 | 8.0 | 12.5 | 23.9 | 2.2 | 2.9 | 1.5 | 9.8 | 3.4 |
| District Heat | 184.6 | 109.3 | 6.0 | 12.6 | 10.8 | 26.9 | Q | 2.2 | 0.8 | 8.9 | 5.6 |
| Energy End Uses (more than one may apply) | | | | | | | | | | | |
| Buildings with Space Heating | 95.9 | 35.6 | 7.3 | 6.4 | 7.4 | 19.5 | 2.8 | 5.4 | 1.0 | 8.1 | 2.5 |
| Buildings with Cooling | 96.7 | 33.7 | 8.1 | 6.6 | 7.5 | 20.2 | 2.9 | 5.8 | 1.1 | 8.4 | 2.6 |
| Buildings with Water Heating | 98.0 | 34.7 | 7.8 | 6.6 | 8.0 | 20.1 | 3.0 | 5.8 | 1.1 | 8.5 | 2.6 |

See "Guide to the Tables" or "Glossary" for further explanations of the terms used in this table. Both can be accessed from the CBECS web site - <http://www.eia.doe.gov/emeu/cbeecs>.

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

Q=Data withheld because fewer than 20 buildings were sampled for any cell, or because the Relative Standard Error (RSE) was greater than 50 percent for a cell in the "Total" column.

Note: Due to rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-871A, C, and E of the 2003 Commercial Buildings Energy Consumption Survey.

Table E3A. Electricity Consumption (Btu) by End Use for All Buildings, 2003

| | Total Electricity Consumption (trillion Btu) | | | | | | | | | | |
|--|--|---------------|---------|-------------|---------------|----------|---------|---------------|------------------|-----------|-------|
| | Total | Space Heating | Cooling | Ventilation | Water Heating | Lighting | Cooking | Refrigeration | Office Equipment | Computers | Other |
| All Buildings | 3,559 | 167 | 481 | 436 | 88 | 1,340 | 24 | 381 | 69 | 156 | 418 |
| Building Floorspace (Square Feet) | | | | | | | | | | | |
| 1,001 to 5,000 | 392 | 19 | 44 | 18 | 11 | 96 | 7 | 138 | 8 | 12 | 39 |
| 5,001 to 10,000 | 293 | 18 | 38 | 18 | 8 | 95 | 4 | 57 | 6 | 10 | 39 |
| 10,001 to 25,000 | 485 | 26 | 55 | 52 | 14 | 184 | 3 | 57 | 10 | 20 | 63 |
| 25,001 to 50,000 | 397 | 18 | 62 | 55 | 12 | 140 | 2 | 37 | 7 | 17 | 48 |
| 50,001 to 100,000 | 523 | 28 | 77 | 78 | 15 | 202 | 3 | 35 | 7 | 20 | 59 |
| 100,001 to 200,000 | 587 | 23 | 82 | 91 | 11 | 234 | 1 | 30 | 14 | 33 | 68 |
| 200,001 to 500,000 | 381 | 11 | 55 | 56 | 6 | 170 | 2 | 10 | 8 | 20 | 46 |
| Over 500,000 | 501 | 23 | 69 | 67 | 12 | 220 | 2 | 19 | 9 | 25 | 56 |
| Principal Building Activity | | | | | | | | | | | |
| Education | 371 | 15 | 74 | 83 | 11 | 113 | 2 | 16 | 4 | 32 | 21 |
| Food Sales | 208 | 6 | 12 | 7 | Q | 46 | 2 | 119 | 2 | 2 | 10 |
| Food Service | 217 | 10 | 28 | 24 | 10 | 42 | 13 | 70 | 2 | 2 | 15 |
| Health Care | 248 | 6 | 34 | 42 | 2 | 105 | 1 | 8 | 4 | 10 | 36 |
| Inpatient | 178 | 3 | 25 | 38 | 2 | 76 | 1 | 4 | 2 | 7 | 21 |
| Outpatient | 69 | 3 | 9 | 4 | (*) | 28 | (*) | 4 | 2 | 3 | 15 |
| Lodging | 235 | 14 | 24 | 14 | 12 | 124 | 2 | 12 | Q | 6 | 24 |
| Mercantile | 733 | 58 | 109 | 68 | 38 | 308 | 2 | 49 | 8 | 11 | 83 |
| Retail (Other Than Mall) | 211 | 6 | 25 | 16 | 2 | 111 | (*) | 22 | 3 | 4 | 22 |
| Enclosed and Strip Malls | 523 | 52 | 84 | 51 | 36 | 197 | 2 | 27 | 5 | 8 | 61 |
| Office | 719 | 33 | 101 | 63 | 7 | 281 | 1 | 35 | 32 | 74 | 91 |
| Public Assembly | 167 | 5 | 35 | 63 | (*) | 27 | (*) | 9 | Q | 3 | 23 |
| Public Order and Safety | 57 | 2 | 8 | 10 | 3 | 18 | (*) | 3 | 1 | 2 | 10 |
| Religious Worship | 62 | 3 | 11 | 5 | (*) | 17 | (*) | 6 | (*) | 1 | 18 |
| Service | 149 | 6 | 15 | 24 | (*) | 63 | Q | 9 | 1 | 3 | 28 |
| Warehouse and Storage | 244 | 5 | 13 | 20 | 2 | 132 | Q | 36 | 2 | 5 | 30 |
| Other | 133 | 2 | 16 | 11 | Q | 59 | Q | 10 | Q | 5 | 22 |
| Vacant | 15 | 1 | 2 | 1 | Q | 4 | Q | (*) | Q | (*) | 7 |
| Year Constructed | | | | | | | | | | | |
| Before 1920 | 91 | 2 | 6 | 11 | Q | 35 | 1 | 17 | 2 | 4 | 12 |
| 1920 to 1945 | 215 | 4 | 17 | 30 | 2 | 92 | 1 | 26 | 3 | 8 | 31 |
| 1946 to 1959 | 247 | 11 | 28 | 36 | 5 | 94 | 2 | 27 | 4 | 11 | 30 |
| 1960 to 1969 | 359 | 13 | 47 | 53 | 7 | 127 | 1 | 42 | 7 | 19 | 43 |
| 1970 to 1979 | 689 | 40 | 89 | 86 | 18 | 265 | 4 | 64 | 14 | 29 | 80 |
| 1980 to 1989 | 789 | 42 | 118 | 82 | 24 | 298 | 5 | 74 | 17 | 39 | 91 |
| 1990 to 1999 | 823 | 37 | 123 | 101 | 22 | 294 | 7 | 91 | 18 | 36 | 93 |
| 2000 to 2003 | 347 | 17 | 54 | 37 | 7 | 136 | 3 | 41 | 4 | 10 | 38 |
| Census Region and Division | | | | | | | | | | | |
| Northeast | 587 | 33 | 43 | 76 | 12 | 239 | 3 | 63 | 13 | 32 | 73 |
| New England | 141 | 10 | 8 | 15 | 4 | 55 | 1 | 21 | 2 | 7 | 17 |
| Middle Atlantic | 446 | 23 | 35 | 60 | 8 | 184 | 2 | 42 | 11 | 25 | 57 |
| Midwest | 799 | 53 | 57 | 109 | 15 | 313 | 5 | 92 | 16 | 36 | 103 |
| East North Central | 574 | 33 | 38 | 83 | 10 | 230 | 4 | 62 | 12 | 27 | 74 |
| West North Central | 225 | 20 | 19 | 26 | 5 | 83 | 1 | 30 | 4 | 9 | 28 |
| South | 1,542 | 51 | 299 | 179 | 47 | 543 | 13 | 167 | 20 | 58 | 164 |
| South Atlantic | 865 | 31 | 154 | 99 | 29 | 311 | 8 | 95 | 12 | 37 | 88 |
| East South Central | 196 | 9 | 26 | 25 | 5 | 72 | 1 | 25 | 2 | 6 | 24 |
| West South Central | 481 | 11 | 118 | 54 | 13 | 160 | 4 | 47 | 6 | 15 | 52 |
| West | 631 | 29 | 82 | 72 | 14 | 245 | 3 | 59 | 20 | 30 | 77 |
| Mountain | 232 | 13 | 31 | 27 | 5 | 94 | Q | 20 | Q | 9 | 27 |
| Pacific | 399 | 17 | 51 | 45 | 9 | 151 | 2 | 39 | 14 | 21 | 50 |

Table E3A. Electricity Consumption (Btu) by End Use for All Buildings, 2003

| | Total Electricity Consumption (trillion Btu) | | | | | | | | | | |
|--|--|---------------|---------|-------------|---------------|----------|---------|---------------|------------------|-----------|-------|
| | Total | Space Heating | Cooling | Ventilation | Water Heating | Lighting | Cooking | Refrigeration | Office Equipment | Computers | Other |
| All Buildings | 3,559 | 167 | 481 | 436 | 88 | 1,340 | 24 | 381 | 69 | 156 | 418 |
| Climate Zone: 30-Year Average | | | | | | | | | | | |
| Under 2,000 CDD and -- | | | | | | | | | | | |
| More than 7,000 HDD | 468 | 35 | 26 | 66 | 9 | 180 | 3 | 62 | 9 | 18 | 59 |
| 5,500-7,000 HDD | 868 | 58 | 63 | 109 | 18 | 352 | 6 | 94 | 17 | 41 | 110 |
| 4,000-5,499 HDD | 645 | 35 | 66 | 77 | 14 | 259 | 3 | 65 | 19 | 32 | 75 |
| Fewer than 4,000 HDD | 890 | 26 | 136 | 108 | 27 | 330 | 7 | 101 | 15 | 35 | 105 |
| 2,000 CDD or More and -- | | | | | | | | | | | |
| Fewer than 4,000 HDD | 689 | 13 | 190 | 76 | 21 | 219 | 5 | 59 | 8 | 29 | 70 |
| Number of Establishments | | | | | | | | | | | |
| One | 2,138 | 82 | 272 | 272 | 43 | 790 | 19 | 290 | 42 | 87 | 242 |
| 2 to 5 | 616 | 27 | 80 | 74 | 14 | 245 | 3 | 55 | 13 | 26 | 78 |
| 6 to 10 | 229 | 16 | 30 | 25 | 9 | 89 | 1 | 11 | 4 | Q | 27 |
| 11 to 20 | 217 | 16 | 36 | 25 | 9 | 82 | (*) | 11 | 3 | 8 | 27 |
| More than 20 | 350 | 25 | 63 | 39 | 13 | 131 | 1 | 13 | 7 | 17 | 39 |
| Currently Unoccupied | 9 | Q | Q | (*) | Q | 3 | Q | Q | Q | Q | 5 |
| Energy Sources (more than one may apply) | | | | | | | | | | | |
| Electricity | 3,559 | 167 | 481 | 436 | 88 | 1,340 | 24 | 381 | 69 | 156 | 418 |
| Natural Gas | 2,534 | 103 | 323 | 333 | 51 | 987 | 18 | 259 | 47 | 114 | 300 |
| Fuel Oil | 937 | 40 | 122 | 129 | 18 | 389 | 4 | 47 | 25 | 52 | 111 |
| District Heat | 344 | 5 | 25 | 70 | 4 | 150 | 1 | 12 | 5 | 29 | 43 |
| Energy End Uses (more than one may apply) | | | | | | | | | | | |
| Buildings with Space Heating | 3,433 | 167 | 453 | 425 | 86 | 1,297 | 23 | 361 | 68 | 153 | 402 |
| Buildings with Cooling | 3,445 | 163 | 481 | 420 | 87 | 1,285 | 24 | 367 | 68 | 154 | 396 |
| Buildings with Water Heating | 3,379 | 160 | 458 | 417 | 88 | 1,262 | 24 | 362 | 67 | 152 | 389 |
| Annual Consumption (kilowatthours) | | | | | | | | | | | |
| 10,000 or Less | 13 | (*) | 1 | 1 | (*) | 4 | (*) | 2 | (*) | (*) | 4 |
| 10,001 to 50,000 | 155 | 8 | 19 | 10 | 2 | 55 | (*) | 22 | 3 | 5 | 29 |
| 50,001 to 100,000 | 187 | 10 | 23 | 14 | 4 | 60 | 1 | 36 | 4 | 6 | 28 |
| 100,001 to 500,000 | 812 | 46 | 94 | 80 | 23 | 270 | 11 | 151 | 15 | 29 | 94 |
| 500,001 to 1,000,000 | 376 | 17 | 57 | 49 | 13 | 134 | 3 | 45 | 6 | 14 | 39 |
| 1,000,001 to 5,000,000 | 1,137 | 54 | 162 | 168 | 29 | 428 | 5 | 89 | 19 | 58 | 125 |
| Over 5,000,000 | 880 | 33 | 124 | 114 | 17 | 388 | 3 | 35 | 22 | 44 | 99 |

See "Guide to the Tables" or "Glossary" for further explanations of the terms used in this table. Both can be accessed from the CBECS web site - <http://www.eia.doe.gov/emeu/cbeecs>.

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

Q=Data withheld because fewer than 20 buildings were sampled for any cell, or because the Relative Standard Error (RSE) was greater than 50 percent for a cell in the "Total" column.

Note: Due to rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-871A, C, and E of the 2003 Commercial Buildings Energy Consumption Survey.

Table E4A. Electricity Consumption (Btu) Intensities by End Use for All Buildings, 2003

| | Electricity Energy Intensity (thousand Btu/square foot) | | | | | | | | | | |
|--|---|---------------|---------|-------------|---------------|----------|---------|---------------|------------------|-----------|-------|
| | Total | Space Heating | Cooling | Ventilation | Water Heating | Lighting | Cooking | Refrigeration | Office Equipment | Computers | Other |
| All Buildings | 50.7 | 2.4 | 6.9 | 6.2 | 1.3 | 19.1 | 0.3 | 5.4 | 1.0 | 2.2 | 6.0 |
| Building Floorspace (Square Feet) | | | | | | | | | | | |
| 1,001 to 5,000 | 60.6 | 2.9 | 6.8 | 2.8 | 1.7 | 14.8 | 1.1 | 21.2 | 1.2 | 1.8 | 6.0 |
| 5,001 to 10,000 | 44.0 | 2.6 | 5.7 | 2.8 | 1.1 | 14.3 | 0.7 | 8.6 | 0.9 | 1.4 | 5.8 |
| 10,001 to 25,000 | 38.8 | 2.1 | 4.4 | 4.1 | 1.1 | 14.7 | 0.2 | 4.5 | 0.8 | 1.6 | 5.1 |
| 25,001 to 50,000 | 43.7 | 2.0 | 6.8 | 6.1 | 1.3 | 15.4 | 0.2 | 4.0 | 0.8 | 1.9 | 5.3 |
| 50,001 to 100,000 | 50.9 | 2.7 | 7.5 | 7.6 | 1.4 | 19.6 | 0.3 | 3.4 | 0.7 | 2.0 | 5.8 |
| 100,001 to 200,000 | 57.7 | 2.3 | 8.0 | 8.9 | 1.1 | 23.0 | 0.1 | 2.9 | 1.3 | 3.2 | 6.7 |
| 200,001 to 500,000 | 51.8 | 1.5 | 7.4 | 7.5 | 0.8 | 23.0 | 0.2 | 1.3 | 1.1 | 2.7 | 6.2 |
| Over 500,000 | 65.4 | 3.0 | 9.0 | 8.8 | 1.5 | 28.7 | 0.3 | 2.4 | 1.2 | 3.2 | 7.3 |
| Principal Building Activity | | | | | | | | | | | |
| Education | 37.6 | 1.5 | 7.5 | 8.4 | 1.1 | 11.5 | 0.2 | 1.6 | 0.4 | 3.3 | 2.1 |
| Food Sales | 168.5 | 5.1 | 9.9 | 6.0 | Q | 37.2 | 1.9 | 96.1 | 1.6 | 1.5 | 8.1 |
| Food Service | 130.9 | 6.3 | 17.0 | 14.8 | 6.3 | 25.4 | 8.1 | 42.1 | 1.0 | 1.0 | 8.9 |
| Health Care | 78.3 | 1.9 | 10.6 | 13.3 | 0.8 | 33.1 | 0.2 | 2.6 | 1.2 | 3.2 | 11.3 |
| Inpatient | 93.7 | 1.6 | 13.0 | 20.0 | 1.1 | 40.1 | 0.4 | 2.0 | 1.1 | 3.6 | 10.9 |
| Outpatient | 55.0 | 2.3 | 7.0 | 3.3 | 0.3 | 22.6 | 0.1 | 3.5 | 1.3 | 2.6 | 12.0 |
| Lodging | 46.1 | 2.8 | 4.7 | 2.7 | 2.3 | 24.3 | 0.4 | 2.3 | Q | 1.2 | 4.7 |
| Mercantile | 65.5 | 5.2 | 9.7 | 6.0 | 3.4 | 27.5 | 0.2 | 4.4 | 0.7 | 1.0 | 7.4 |
| Retail (Other Than Mall) | 48.8 | 1.5 | 5.9 | 3.7 | 0.4 | 25.7 | 0.1 | 5.0 | 0.6 | 0.9 | 5.1 |
| Enclosed and Strip Malls | 76.0 | 7.5 | 12.2 | 7.5 | 5.2 | 28.6 | 0.3 | 4.0 | 0.8 | 1.1 | 8.8 |
| Office | 58.9 | 2.7 | 8.3 | 5.2 | 0.6 | 23.1 | 0.1 | 2.9 | 2.6 | 6.1 | 7.5 |
| Public Assembly | 42.6 | 1.3 | 8.9 | 15.9 | 0.1 | 7.0 | 0.1 | 2.2 | Q | 0.8 | 5.8 |
| Public Order and Safety | 52.3 | 1.6 | 7.2 | 9.5 | 3.0 | 16.5 | 0.1 | 2.9 | 0.6 | 1.5 | 9.2 |
| Religious Worship | 16.6 | 0.8 | 2.8 | 1.4 | 0.1 | 4.4 | 0.1 | 1.7 | 0.1 | 0.2 | 4.9 |
| Service | 37.5 | 1.4 | 3.8 | 6.1 | 0.1 | 15.8 | Q | 2.2 | 0.3 | 0.8 | 7.0 |
| Warehouse and Storage | 25.9 | 0.5 | 1.4 | 2.2 | 0.2 | 14.0 | Q | 3.8 | 0.2 | 0.5 | 3.2 |
| Other | 76.8 | 1.4 | 9.3 | 6.1 | 0.3 | 34.3 | Q | 6.0 | Q | 2.9 | 12.6 |
| Vacant | 8.3 | 0.5 | 0.8 | 0.5 | Q | 2.4 | Q | 0.2 | Q | 0.1 | 3.7 |
| Year Constructed | | | | | | | | | | | |
| Before 1920 | 24.2 | 0.5 | 1.7 | 2.9 | Q | 9.2 | 0.3 | 4.5 | 0.6 | 0.9 | 3.2 |
| 1920 to 1945 | 32.1 | 0.7 | 2.5 | 4.5 | 0.4 | 13.8 | 0.2 | 3.9 | 0.4 | 1.2 | 4.6 |
| 1946 to 1959 | 35.0 | 1.5 | 4.0 | 5.1 | 0.8 | 13.3 | 0.3 | 3.8 | 0.6 | 1.6 | 4.2 |
| 1960 to 1969 | 41.8 | 1.6 | 5.4 | 6.2 | 0.9 | 14.8 | 0.1 | 4.8 | 0.8 | 2.2 | 5.0 |
| 1970 to 1979 | 57.1 | 3.3 | 7.4 | 7.1 | 1.5 | 22.0 | 0.3 | 5.3 | 1.1 | 2.4 | 6.7 |
| 1980 to 1989 | 64.2 | 3.4 | 9.6 | 6.7 | 2.0 | 24.2 | 0.4 | 6.0 | 1.4 | 3.2 | 7.4 |
| 1990 to 1999 | 60.1 | 2.7 | 9.0 | 7.3 | 1.6 | 21.4 | 0.5 | 6.7 | 1.3 | 2.7 | 6.8 |
| 2000 to 2003 | 57.6 | 2.9 | 8.9 | 6.2 | 1.2 | 22.5 | 0.5 | 6.7 | 0.7 | 1.6 | 6.3 |
| Census Region and Division | | | | | | | | | | | |
| Northeast | 42.2 | 2.4 | 3.1 | 5.5 | 0.9 | 17.2 | 0.2 | 4.5 | 0.9 | 2.3 | 5.3 |
| New England | 41.1 | 2.9 | 2.4 | 4.5 | 1.3 | 16.1 | 0.3 | 6.1 | 0.7 | 2.0 | 4.9 |
| Middle Atlantic | 42.6 | 2.2 | 3.4 | 5.8 | 0.7 | 17.5 | 0.1 | 4.0 | 1.0 | 2.4 | 5.4 |
| Midwest | 45.1 | 3.0 | 3.2 | 6.2 | 0.9 | 17.7 | 0.3 | 5.2 | 0.9 | 2.0 | 5.8 |
| East North Central | 47.0 | 2.7 | 3.1 | 6.8 | 0.8 | 18.9 | 0.3 | 5.1 | 1.0 | 2.2 | 6.1 |
| West North Central | 40.8 | 3.6 | 3.4 | 4.8 | 0.9 | 15.0 | 0.2 | 5.4 | 0.7 | 1.6 | 5.1 |
| South | 59.3 | 2.0 | 11.5 | 6.9 | 1.8 | 20.9 | 0.5 | 6.4 | 0.8 | 2.2 | 6.3 |
| South Atlantic | 62.5 | 2.2 | 11.1 | 7.2 | 2.1 | 22.5 | 0.6 | 6.9 | 0.9 | 2.7 | 6.4 |
| East South Central | 55.2 | 2.4 | 7.5 | 6.9 | 1.5 | 20.4 | Q | 7.1 | 0.6 | 1.6 | 6.8 |
| West South Central | 55.7 | 1.3 | 13.7 | 6.3 | 1.5 | 18.5 | 0.4 | 5.5 | 0.7 | 1.7 | 6.0 |
| West | 50.3 | 2.3 | 6.5 | 5.7 | 1.1 | 19.5 | 0.3 | 4.7 | 1.6 | 2.4 | 6.2 |
| Mountain | 55.7 | 3.1 | 7.3 | 6.5 | 1.1 | 22.6 | 0.2 | 4.8 | Q | 2.2 | 6.4 |
| Pacific | 47.7 | 2.0 | 6.1 | 5.4 | 1.1 | 18.0 | 0.3 | 4.6 | 1.7 | 2.5 | 6.0 |

Table E4A. Electricity Consumption (Btu) Intensities by End Use for All Buildings, 2003

| | Electricity Energy Intensity (thousand Btu/square foot) | | | | | | | | | | |
|--|---|---------------|---------|-------------|---------------|----------|---------|---------------|------------------|-----------|-------|
| | Total | Space Heating | Cooling | Ventilation | Water Heating | Lighting | Cooking | Refrigeration | Office Equipment | Computers | Other |
| All Buildings | 50.7 | 2.4 | 6.9 | 6.2 | 1.3 | 19.1 | 0.3 | 5.4 | 1.0 | 2.2 | 6.0 |
| Climate Zone: 30-Year Average | | | | | | | | | | | |
| Under 2,000 CDD and -- | | | | | | | | | | | |
| More than 7,000 HDD | 41.4 | 3.1 | 2.3 | 5.9 | 0.8 | 16.0 | 0.2 | 5.5 | 0.8 | 1.6 | 5.3 |
| 5,500-7,000 HDD | 46.8 | 3.1 | 3.4 | 5.9 | 1.0 | 19.0 | 0.3 | 5.1 | 0.9 | 2.2 | 5.9 |
| 4,000-5,499 HDD | 52.1 | 2.9 | 5.3 | 6.2 | 1.1 | 20.9 | 0.3 | 5.3 | 1.5 | 2.6 | 6.0 |
| Fewer than 4,000 HDD | 52.1 | 1.5 | 8.0 | 6.3 | 1.6 | 19.4 | 0.4 | 5.9 | 0.9 | 2.1 | 6.1 |
| 2,000 CDD or More and -- | | | | | | | | | | | |
| Fewer than 4,000 HDD | 63.3 | 1.2 | 17.5 | 7.0 | 1.9 | 20.1 | 0.5 | 5.4 | 0.8 | 2.7 | 6.4 |
| Number of Establishments | | | | | | | | | | | |
| One | 48.2 | 1.8 | 6.1 | 6.1 | 1.0 | 17.8 | 0.4 | 6.5 | 0.9 | 2.0 | 5.5 |
| 2 to 5 | 49.2 | 2.2 | 6.4 | 5.9 | 1.1 | 19.6 | 0.2 | 4.4 | 1.1 | 2.1 | 6.2 |
| 6 to 10 | 68.3 | 4.6 | 8.9 | 7.5 | 2.8 | 26.6 | 0.2 | 3.3 | 1.2 | 5.3 | 8.0 |
| 11 to 20 | 64.5 | 4.8 | 10.6 | 7.5 | 2.6 | 24.3 | 0.1 | 3.3 | 1.0 | 2.4 | 8.1 |
| More than 20 | 69.1 | 4.9 | 12.4 | 7.8 | 2.7 | 26.0 | 0.3 | 2.7 | 1.3 | 3.4 | 7.8 |
| Currently Unoccupied | 6.2 | Q | Q | 0.2 | Q | 1.7 | Q | Q | Q | Q | 3.1 |
| Energy Sources (more than one may apply) | | | | | | | | | | | |
| Electricity | 50.7 | 2.4 | 6.9 | 6.2 | 1.3 | 19.1 | 0.3 | 5.4 | 1.0 | 2.2 | 6.0 |
| Natural Gas | 52.3 | 2.1 | 6.7 | 6.9 | 1.1 | 20.4 | 0.4 | 5.3 | 1.0 | 2.4 | 6.2 |
| Fuel Oil | 57.7 | 2.4 | 7.5 | 8.0 | 1.1 | 23.9 | 0.3 | 2.9 | 1.5 | 3.2 | 6.8 |
| District Heat | 61.8 | 0.9 | 4.5 | 12.6 | 0.7 | 26.9 | 0.2 | 2.2 | 0.8 | 5.3 | 7.7 |
| Energy End Uses (more than one may apply) | | | | | | | | | | | |
| Buildings with Space Heating | 51.7 | 2.5 | 6.8 | 6.4 | 1.3 | 19.5 | 0.3 | 5.4 | 1.0 | 2.3 | 6.1 |
| Buildings with Cooling | 54.2 | 2.6 | 7.6 | 6.6 | 1.4 | 20.2 | 0.4 | 5.8 | 1.1 | 2.4 | 6.2 |
| Buildings with Water Heating | 53.8 | 2.5 | 7.3 | 6.6 | 1.4 | 20.1 | 0.4 | 5.8 | 1.1 | 2.4 | 6.2 |
| Annual Consumption (kilowatthours) | | | | | | | | | | | |
| 10,000 or Less | 4.6 | 0.1 | 0.4 | 0.3 | (*) | 1.5 | (*) | 0.7 | (*) | 0.1 | 1.4 |
| 10,001 to 50,000 | 16.7 | 0.8 | 2.1 | 1.1 | 0.3 | 6.0 | (*) | 2.4 | 0.4 | 0.5 | 3.1 |
| 50,001 to 100,000 | 27.8 | 1.4 | 3.5 | 2.1 | 0.6 | 9.0 | 0.2 | 5.3 | 0.6 | 0.9 | 4.2 |
| 100,001 to 500,000 | 46.1 | 2.6 | 5.4 | 4.5 | 1.3 | 15.3 | 0.6 | 8.6 | 0.8 | 1.6 | 5.3 |
| 500,001 to 1,000,000 | 51.0 | 2.2 | 7.8 | 6.6 | 1.7 | 18.2 | 0.5 | 6.1 | 0.8 | 1.9 | 5.3 |
| 1,000,001 to 5,000,000 | 72.8 | 3.5 | 10.4 | 10.8 | 1.9 | 27.4 | 0.3 | 5.7 | 1.2 | 3.7 | 8.0 |
| Over 5,000,000 | 81.9 | 3.1 | 11.5 | 10.6 | 1.6 | 36.1 | 0.3 | 3.3 | 2.1 | 4.1 | 9.3 |

See "Guide to the Tables" or "Glossary" for further explanations of the terms used in this table. Both can be accessed from the CBECS web site - <http://www.eia.doe.gov/emeu/cbecs>.

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

Q=Data withheld because fewer than 20 buildings were sampled for any cell, or because the Relative Standard Error (RSE) was greater than 50 percent for a cell in the "Total" column.

Note: Due to rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-871A, C, and E of the 2003 Commercial Buildings Energy Consumption Survey.

Table E5A. Electricity Consumption (kWh) by End Use for All Buildings, 2003

| | Total Electricity Consumption (billion kWh) | | | | | | | | | | |
|--|---|---------------|---------|-------------|---------------|----------|---------|---------------|------------------|-----------|-------|
| | Total | Space Heating | Cooling | Ventilation | Water Heating | Lighting | Cooking | Refrigeration | Office Equipment | Computers | Other |
| All Buildings | 1,043 | 49 | 141 | 128 | 26 | 393 | 7 | 112 | 20 | 46 | 122 |
| Building Floorspace (Square Feet) | | | | | | | | | | | |
| 1,001 to 5,000 | 115 | 6 | 13 | 5 | 3 | 28 | 2 | 40 | 2 | 3 | 11 |
| 5,001 to 10,000 | 86 | 5 | 11 | 5 | 2 | 28 | 1 | 17 | 2 | 3 | 11 |
| 10,001 to 25,000 | 142 | 8 | 16 | 15 | 4 | 54 | 1 | 17 | 3 | 6 | 19 |
| 25,001 to 50,000 | 116 | 5 | 18 | 16 | 3 | 41 | (*) | 11 | 2 | 5 | 14 |
| 50,001 to 100,000 | 153 | 8 | 22 | 23 | 4 | 59 | 1 | 10 | 2 | 6 | 17 |
| 100,001 to 200,000 | 172 | 7 | 24 | 27 | 3 | 68 | (*) | 9 | 4 | 10 | 20 |
| 200,001 to 500,000 | 112 | 3 | 16 | 16 | 2 | 50 | (*) | 3 | 2 | 6 | 13 |
| Over 500,000 | 147 | 7 | 20 | 20 | 3 | 64 | 1 | 5 | 3 | 7 | 16 |
| Principal Building Activity | | | | | | | | | | | |
| Education | 109 | 4 | 22 | 24 | 3 | 33 | (*) | 5 | 1 | 9 | 6 |
| Food Sales | 61 | 2 | 4 | 2 | Q | 14 | 1 | 35 | 1 | 1 | 3 |
| Food Service | 63 | 3 | 8 | 7 | 3 | 12 | 4 | 20 | (*) | 1 | 4 |
| Health Care | 73 | 2 | 10 | 12 | 1 | 31 | (*) | 2 | 1 | 3 | 11 |
| Inpatient | 52 | 1 | 7 | 11 | 1 | 22 | (*) | 1 | 1 | 2 | 6 |
| Outpatient | 20 | 1 | 3 | 1 | (*) | 8 | (*) | 1 | (*) | 1 | 4 |
| Lodging | 69 | 4 | 7 | 4 | 3 | 36 | 1 | 3 | Q | 2 | 7 |
| Mercantile | 215 | 17 | 32 | 20 | 11 | 90 | 1 | 14 | 2 | 3 | 24 |
| Retail (Other Than Mall) | 62 | 2 | 7 | 5 | 1 | 33 | (*) | 6 | 1 | 1 | 6 |
| Enclosed and Strip Malls | 153 | 15 | 25 | 15 | 11 | 58 | 1 | 8 | 2 | 2 | 18 |
| Office | 211 | 10 | 30 | 18 | 2 | 82 | (*) | 10 | 9 | 22 | 27 |
| Public Assembly | 49 | 1 | 10 | 18 | (*) | 8 | (*) | 3 | Q | 1 | 7 |
| Public Order and Safety | 17 | 1 | 2 | 3 | 1 | 5 | (*) | 1 | (*) | (*) | 3 |
| Religious Worship | 18 | 1 | 3 | 2 | (*) | 5 | (*) | 2 | (*) | (*) | 5 |
| Service | 44 | 2 | 4 | 7 | (*) | 18 | Q | 3 | (*) | 1 | 8 |
| Warehouse and Storage | 72 | 1 | 4 | 6 | 1 | 39 | Q | 10 | 1 | 1 | 9 |
| Other | 39 | 1 | 5 | 3 | Q | 17 | Q | 3 | Q | 1 | 6 |
| Vacant | 4 | (*) | (*) | (*) | Q | 1 | Q | (*) | Q | (*) | 2 |
| Year Constructed | | | | | | | | | | | |
| Before 1920 | 27 | 1 | 2 | 3 | Q | 10 | (*) | 5 | 1 | 1 | 4 |
| 1920 to 1945 | 63 | 1 | 5 | 9 | 1 | 27 | (*) | 8 | 1 | 2 | 9 |
| 1946 to 1959 | 72 | 3 | 8 | 10 | 2 | 27 | 1 | 8 | 1 | 3 | 9 |
| 1960 to 1969 | 105 | 4 | 14 | 16 | 2 | 37 | (*) | 12 | 2 | 6 | 13 |
| 1970 to 1979 | 202 | 12 | 26 | 25 | 5 | 78 | 1 | 19 | 4 | 8 | 24 |
| 1980 to 1989 | 231 | 12 | 34 | 24 | 7 | 87 | 1 | 22 | 5 | 11 | 27 |
| 1990 to 1999 | 241 | 11 | 36 | 29 | 7 | 86 | 2 | 27 | 5 | 11 | 27 |
| 2000 to 2003 | 102 | 5 | 16 | 11 | 2 | 40 | 1 | 12 | 1 | 3 | 11 |
| Census Region and Division | | | | | | | | | | | |
| Northeast | 172 | 10 | 13 | 22 | 3 | 70 | 1 | 18 | 4 | 9 | 22 |
| New England | 41 | 3 | 2 | 5 | 1 | 16 | (*) | 6 | 1 | 2 | 5 |
| Middle Atlantic | 131 | 7 | 10 | 18 | 2 | 54 | (*) | 12 | 3 | 7 | 17 |
| Midwest | 234 | 15 | 17 | 32 | 4 | 92 | 2 | 27 | 5 | 11 | 30 |
| East North Central | 168 | 10 | 11 | 24 | 3 | 67 | 1 | 18 | 3 | 8 | 22 |
| West North Central | 66 | 6 | 6 | 8 | 1 | 24 | (*) | 9 | 1 | 3 | 8 |
| South | 452 | 15 | 88 | 52 | 14 | 159 | 4 | 49 | 6 | 17 | 48 |
| South Atlantic | 254 | 9 | 45 | 29 | 9 | 91 | 2 | 28 | 4 | 11 | 26 |
| East South Central | 57 | 3 | 8 | 7 | 2 | 21 | (*) | 7 | 1 | 2 | 7 |
| West South Central | 141 | 3 | 35 | 16 | 4 | 47 | 1 | 14 | 2 | 4 | 15 |
| West | 185 | 9 | 24 | 21 | 4 | 72 | 1 | 17 | 6 | 9 | 23 |
| Mountain | 68 | 4 | 9 | 8 | 1 | 28 | Q | 6 | Q | 3 | 8 |
| Pacific | 117 | 5 | 15 | 13 | 3 | 44 | 1 | 11 | 4 | 6 | 15 |

Table E5A. Electricity Consumption (kWh) by End Use for All Buildings, 2003

| | Total Electricity Consumption (billion kWh) | | | | | | | | | | |
|--|---|---------------|---------|-------------|---------------|----------|---------|---------------|------------------|-----------|-------|
| | Total | Space Heating | Cooling | Ventilation | Water Heating | Lighting | Cooking | Refrigeration | Office Equipment | Computers | Other |
| All Buildings | 1,043 | 49 | 141 | 128 | 26 | 393 | 7 | 112 | 20 | 46 | 122 |
| Climate Zone: 30-Year Average | | | | | | | | | | | |
| Under 2,000 CDD and -- | | | | | | | | | | | |
| More than 7,000 HDD | 137 | 10 | 8 | 19 | 3 | 53 | 1 | 18 | 3 | 5 | 17 |
| 5,500-7,000 HDD | 254 | 17 | 19 | 32 | 5 | 103 | 2 | 28 | 5 | 12 | 32 |
| 4,000-5,499 HDD | 189 | 10 | 19 | 22 | 4 | 76 | 1 | 19 | 6 | 9 | 22 |
| Fewer than 4,000 HDD | 261 | 8 | 40 | 32 | 8 | 97 | 2 | 30 | 4 | 10 | 31 |
| 2,000 CDD or More and -- | | | | | | | | | | | |
| Fewer than 4,000 HDD | 202 | 4 | 56 | 22 | 6 | 64 | 1 | 17 | 2 | 9 | 20 |
| Number of Establishments | | | | | | | | | | | |
| One | 627 | 24 | 80 | 80 | 13 | 231 | 6 | 85 | 12 | 25 | 71 |
| 2 to 5 | 180 | 8 | 24 | 22 | 4 | 72 | 1 | 16 | 4 | 8 | 23 |
| 6 to 10 | 67 | 5 | 9 | 7 | 3 | 26 | (*) | 3 | 1 | Q | 8 |
| 11 to 20 | 64 | 5 | 10 | 7 | 3 | 24 | (*) | 3 | 1 | 2 | 8 |
| More than 20 | 103 | 7 | 18 | 12 | 4 | 38 | (*) | 4 | 2 | 5 | 12 |
| Currently Unoccupied | 3 | Q | Q | (*) | Q | 1 | Q | Q | Q | Q | 1 |
| Energy Sources (more than one may apply) | | | | | | | | | | | |
| Electricity | 1,043 | 49 | 141 | 128 | 26 | 393 | 7 | 112 | 20 | 46 | 122 |
| Natural Gas | 743 | 30 | 95 | 98 | 15 | 289 | 5 | 76 | 14 | 33 | 88 |
| Fuel Oil | 275 | 12 | 36 | 38 | 5 | 114 | 1 | 14 | 7 | 15 | 33 |
| District Heat | 101 | 2 | 7 | 21 | 1 | 44 | (*) | 4 | 1 | 9 | 13 |
| Energy End Uses (more than one may apply) | | | | | | | | | | | |
| Buildings with Space Heating | 1,006 | 49 | 133 | 125 | 25 | 380 | 7 | 106 | 20 | 45 | 118 |
| Buildings with Cooling | 1,010 | 48 | 141 | 123 | 26 | 377 | 7 | 108 | 20 | 45 | 116 |
| Buildings with Water Heating | 990 | 47 | 134 | 122 | 26 | 370 | 7 | 106 | 20 | 45 | 114 |
| Annual Consumption (kilowatthours) | | | | | | | | | | | |
| 10,000 or Less | 4 | (*) | (*) | (*) | (*) | 1 | (*) | 1 | (*) | (*) | 1 |
| 10,001 to 50,000 | 45 | 2 | 6 | 3 | 1 | 16 | (*) | 7 | 1 | 1 | 8 |
| 50,001 to 100,000 | 55 | 3 | 7 | 4 | 1 | 18 | (*) | 11 | 1 | 2 | 8 |
| 100,001 to 500,000 | 238 | 13 | 28 | 23 | 7 | 79 | 3 | 44 | 4 | 8 | 27 |
| 500,001 to 1,000,000 | 110 | 5 | 17 | 14 | 4 | 39 | 1 | 13 | 2 | 4 | 11 |
| 1,000,001 to 5,000,000 | 333 | 16 | 47 | 49 | 8 | 125 | 1 | 26 | 5 | 17 | 37 |
| Over 5,000,000 | 258 | 10 | 36 | 33 | 5 | 114 | 1 | 10 | 7 | 13 | 29 |

See "Guide to the Tables" or "Glossary" for further explanations of the terms used in this table. Both can be accessed from the CBECS web site - <http://www.eia.doe.gov/emeu/cbecs>.

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

Q=Data withheld because fewer than 20 buildings were sampled for any cell, or because the Relative Standard Error (RSE) was greater than 50 percent for a cell in the "Total" column.

Note: Due to rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-871A, C, and E of the 2003 Commercial Buildings Energy Consumption Survey.

Table E6A. Electricity Consumption (kWh) Intensities by End Use for All Buildings, 2003

| | Electricity Energy Intensity (kWh/square foot) | | | | | | | | | | |
|--|--|---------------|---------|-------------|---------------|----------|---------|---------------|------------------|-----------|-------|
| | Total | Space Heating | Cooling | Ventilation | Water Heating | Lighting | Cooking | Refrigeration | Office Equipment | Computers | Other |
| All Buildings | 14.9 | 0.7 | 2.0 | 1.8 | 0.4 | 5.6 | 0.1 | 1.6 | 0.3 | 0.7 | 1.7 |
| Building Floorspace (Square Feet) | | | | | | | | | | | |
| 1,001 to 5,000 | 17.8 | 0.9 | 2.0 | 0.8 | 0.5 | 4.4 | 0.3 | 6.2 | 0.4 | 0.5 | 1.8 |
| 5,001 to 10,000 | 12.9 | 0.8 | 1.7 | 0.8 | 0.3 | 4.2 | 0.2 | 2.5 | 0.3 | 0.4 | 1.7 |
| 10,001 to 25,000 | 11.4 | 0.6 | 1.3 | 1.2 | 0.3 | 4.3 | 0.1 | 1.3 | 0.2 | 0.5 | 1.5 |
| 25,001 to 50,000 | 12.8 | 0.6 | 2.0 | 1.8 | 0.4 | 4.5 | 0.1 | 1.2 | 0.2 | 0.6 | 1.5 |
| 50,001 to 100,000 | 14.9 | 0.8 | 2.2 | 2.2 | 0.4 | 5.8 | 0.1 | 1.0 | 0.2 | 0.6 | 1.7 |
| 100,001 to 200,000 | 16.9 | 0.7 | 2.4 | 2.6 | 0.3 | 6.7 | (*) | 0.9 | 0.4 | 0.9 | 2.0 |
| 200,001 to 500,000 | 15.2 | 0.4 | 2.2 | 2.2 | 0.2 | 6.8 | 0.1 | 0.4 | 0.3 | 0.8 | 1.8 |
| Over 500,000 | 19.2 | 0.9 | 2.6 | 2.6 | 0.4 | 8.4 | 0.1 | 0.7 | 0.3 | 0.9 | 2.1 |
| Principal Building Activity | | | | | | | | | | | |
| Education | 11.0 | 0.5 | 2.2 | 2.5 | 0.3 | 3.4 | (*) | 0.5 | 0.1 | 1.0 | 0.6 |
| Food Sales | 49.4 | 1.5 | 2.9 | 1.8 | Q | 10.9 | 0.6 | 28.2 | 0.5 | 0.4 | 2.4 |
| Food Service | 38.4 | 1.8 | 5.0 | 4.3 | 1.8 | 7.5 | 2.4 | 12.3 | 0.3 | 0.3 | 2.6 |
| Health Care | 22.9 | 0.5 | 3.1 | 3.9 | 0.2 | 9.7 | 0.1 | 0.8 | 0.3 | 0.9 | 3.3 |
| Inpatient | 27.5 | 0.5 | 3.8 | 5.9 | 0.3 | 11.7 | 0.1 | 0.6 | 0.3 | 1.0 | 3.2 |
| Outpatient | 16.1 | 0.7 | 2.1 | 1.0 | 0.1 | 6.6 | (*) | 1.0 | 0.4 | 0.8 | 3.5 |
| Lodging | 13.5 | 0.8 | 1.4 | 0.8 | 0.7 | 7.1 | 0.1 | 0.7 | Q | 0.4 | 1.4 |
| Mercantile | 19.2 | 1.5 | 2.9 | 1.8 | 1.0 | 8.1 | 0.1 | 1.3 | 0.2 | 0.3 | 2.2 |
| Retail (Other Than Mall) | 14.3 | 0.4 | 1.7 | 1.1 | 0.1 | 7.5 | (*) | 1.5 | 0.2 | 0.3 | 1.5 |
| Enclosed and Strip Malls | 22.3 | 2.2 | 3.6 | 2.2 | 1.5 | 8.4 | 0.1 | 1.2 | 0.2 | 0.3 | 2.6 |
| Office | 17.3 | 0.8 | 2.4 | 1.5 | 0.2 | 6.8 | (*) | 0.8 | 0.8 | 1.8 | 2.2 |
| Public Assembly | 12.5 | 0.4 | 2.6 | 4.7 | (*) | 2.0 | (*) | 0.7 | Q | 0.2 | 1.7 |
| Public Order and Safety | 15.3 | 0.5 | 2.1 | 2.8 | 0.9 | 4.8 | (*) | 0.9 | 0.2 | 0.4 | 2.7 |
| Religious Worship | 4.9 | 0.2 | 0.8 | 0.4 | (*) | 1.3 | (*) | 0.5 | (*) | 0.1 | 1.4 |
| Service | 11.0 | 0.4 | 1.1 | 1.8 | (*) | 4.6 | Q | 0.6 | 0.1 | 0.2 | 2.1 |
| Warehouse and Storage | 7.6 | 0.2 | 0.4 | 0.6 | 0.1 | 4.1 | Q | 1.1 | 0.1 | 0.1 | 0.9 |
| Other | 22.5 | 0.4 | 2.7 | 1.8 | 0.1 | 10.1 | Q | 1.8 | Q | 0.9 | 3.7 |
| Vacant | 2.4 | 0.1 | 0.2 | 0.2 | Q | 0.7 | Q | 0.1 | Q | (*) | 1.1 |
| Year Constructed | | | | | | | | | | | |
| Before 1920 | 7.1 | 0.2 | 0.5 | 0.9 | Q | 2.7 | 0.1 | 1.3 | 0.2 | 0.3 | 0.9 |
| 1920 to 1945 | 9.4 | 0.2 | 0.7 | 1.3 | 0.1 | 4.0 | 0.1 | 1.1 | 0.1 | 0.4 | 1.3 |
| 1946 to 1959 | 10.2 | 0.4 | 1.2 | 1.5 | 0.2 | 3.9 | 0.1 | 1.1 | 0.2 | 0.5 | 1.2 |
| 1960 to 1969 | 12.3 | 0.5 | 1.6 | 1.8 | 0.3 | 4.3 | (*) | 1.4 | 0.2 | 0.6 | 1.5 |
| 1970 to 1979 | 16.7 | 1.0 | 2.2 | 2.1 | 0.4 | 6.4 | 0.1 | 1.6 | 0.3 | 0.7 | 2.0 |
| 1980 to 1989 | 18.8 | 1.0 | 2.8 | 2.0 | 0.6 | 7.1 | 0.1 | 1.8 | 0.4 | 0.9 | 2.2 |
| 1990 to 1999 | 17.6 | 0.8 | 2.6 | 2.2 | 0.5 | 6.3 | 0.1 | 2.0 | 0.4 | 0.8 | 2.0 |
| 2000 to 2003 | 16.9 | 0.8 | 2.6 | 1.8 | 0.4 | 6.6 | 0.1 | 2.0 | 0.2 | 0.5 | 1.9 |
| Census Region and Division | | | | | | | | | | | |
| Northeast | 12.4 | 0.7 | 0.9 | 1.6 | 0.3 | 5.0 | 0.1 | 1.3 | 0.3 | 0.7 | 1.5 |
| New England | 12.0 | 0.8 | 0.7 | 1.3 | 0.4 | 4.7 | 0.1 | 1.8 | 0.2 | 0.6 | 1.4 |
| Middle Atlantic | 12.5 | 0.7 | 1.0 | 1.7 | 0.2 | 5.1 | (*) | 1.2 | 0.3 | 0.7 | 1.6 |
| Midwest | 13.2 | 0.9 | 0.9 | 1.8 | 0.2 | 5.2 | 0.1 | 1.5 | 0.3 | 0.6 | 1.7 |
| East North Central | 13.8 | 0.8 | 0.9 | 2.0 | 0.2 | 5.5 | 0.1 | 1.5 | 0.3 | 0.7 | 1.8 |
| West North Central | 12.0 | 1.1 | 1.0 | 1.4 | 0.3 | 4.4 | 0.1 | 1.6 | 0.2 | 0.5 | 1.5 |
| South | 17.4 | 0.6 | 3.4 | 2.0 | 0.5 | 6.1 | 0.1 | 1.9 | 0.2 | 0.7 | 1.8 |
| South Atlantic | 18.3 | 0.7 | 3.3 | 2.1 | 0.6 | 6.6 | 0.2 | 2.0 | 0.3 | 0.8 | 1.9 |
| East South Central | 16.2 | 0.7 | 2.2 | 2.0 | 0.4 | 6.0 | Q | 2.1 | 0.2 | 0.5 | 2.0 |
| West South Central | 16.3 | 0.4 | 4.0 | 1.8 | 0.4 | 5.4 | 0.1 | 1.6 | 0.2 | 0.5 | 1.8 |
| West | 14.7 | 0.7 | 1.9 | 1.7 | 0.3 | 5.7 | 0.1 | 1.4 | 0.5 | 0.7 | 1.8 |
| Mountain | 16.3 | 0.9 | 2.2 | 1.9 | 0.3 | 6.6 | 0.1 | 1.4 | Q | 0.6 | 1.9 |
| Pacific | 14.0 | 0.6 | 1.8 | 1.6 | 0.3 | 5.3 | 0.1 | 1.4 | 0.5 | 0.7 | 1.8 |

Table E6A. Electricity Consumption (kWh) Intensities by End Use for All Buildings, 2003

| | Electricity Energy Intensity (kWh/square foot) | | | | | | | | | | |
|--|--|---------------|---------|-------------|---------------|----------|---------|---------------|------------------|-----------|-------|
| | Total | Space Heating | Cooling | Ventilation | Water Heating | Lighting | Cooking | Refrigeration | Office Equipment | Computers | Other |
| All Buildings | 14.9 | 0.7 | 2.0 | 1.8 | 0.4 | 5.6 | 0.1 | 1.6 | 0.3 | 0.7 | 1.7 |
| Climate Zone: 30-Year Average | | | | | | | | | | | |
| Under 2,000 CDD and -- | | | | | | | | | | | |
| More than 7,000 HDD | 12.1 | 0.9 | 0.7 | 1.7 | 0.2 | 4.7 | 0.1 | 1.6 | 0.2 | 0.5 | 1.5 |
| 5,500-7,000 HDD | 13.7 | 0.9 | 1.0 | 1.7 | 0.3 | 5.6 | 0.1 | 1.5 | 0.3 | 0.6 | 1.7 |
| 4,000-5,499 HDD | 15.3 | 0.8 | 1.6 | 1.8 | 0.3 | 6.1 | 0.1 | 1.5 | 0.5 | 0.8 | 1.8 |
| Fewer than 4,000 HDD | 15.3 | 0.5 | 2.3 | 1.8 | 0.5 | 5.7 | 0.1 | 1.7 | 0.3 | 0.6 | 1.8 |
| 2,000 CDD or More and -- | | | | | | | | | | | |
| Fewer than 4,000 HDD | 18.5 | 0.3 | 5.1 | 2.0 | 0.6 | 5.9 | 0.1 | 1.6 | 0.2 | 0.8 | 1.9 |
| Number of Establishments | | | | | | | | | | | |
| One | 14.1 | 0.5 | 1.8 | 1.8 | 0.3 | 5.2 | 0.1 | 1.9 | 0.3 | 0.6 | 1.6 |
| 2 to 5 | 14.4 | 0.6 | 1.9 | 1.7 | 0.3 | 5.7 | 0.1 | 1.3 | 0.3 | 0.6 | 1.8 |
| 6 to 10 | 20.0 | 1.4 | 2.6 | 2.2 | 0.8 | 7.8 | (*) | 1.0 | 0.4 | 1.6 | 2.3 |
| 11 to 20 | 18.9 | 1.4 | 3.1 | 2.2 | 0.8 | 7.1 | (*) | 1.0 | 0.3 | 0.7 | 2.4 |
| More than 20 | 20.3 | 1.4 | 3.6 | 2.3 | 0.8 | 7.6 | 0.1 | 0.8 | 0.4 | 1.0 | 2.3 |
| Currently Unoccupied | 1.8 | Q | Q | (*) | Q | 0.5 | Q | Q | Q | Q | 0.9 |
| Energy Sources (more than one may apply) | | | | | | | | | | | |
| Electricity | 14.9 | 0.7 | 2.0 | 1.8 | 0.4 | 5.6 | 0.1 | 1.6 | 0.3 | 0.7 | 1.7 |
| Natural Gas | 15.3 | 0.6 | 2.0 | 2.0 | 0.3 | 6.0 | 0.1 | 1.6 | 0.3 | 0.7 | 1.8 |
| Fuel Oil | 16.9 | 0.7 | 2.2 | 2.3 | 0.3 | 7.0 | 0.1 | 0.8 | 0.5 | 0.9 | 2.0 |
| District Heat | 18.1 | 0.3 | 1.3 | 3.7 | 0.2 | 7.9 | (*) | 0.7 | 0.2 | 1.5 | 2.3 |
| Energy End Uses (more than one may apply) | | | | | | | | | | | |
| Buildings with Space Heating | 15.2 | 0.7 | 2.0 | 1.9 | 0.4 | 5.7 | 0.1 | 1.6 | 0.3 | 0.7 | 1.8 |
| Buildings with Cooling | 15.9 | 0.8 | 2.2 | 1.9 | 0.4 | 5.9 | 0.1 | 1.7 | 0.3 | 0.7 | 1.8 |
| Buildings with Water Heating | 15.8 | 0.7 | 2.1 | 1.9 | 0.4 | 5.9 | 0.1 | 1.7 | 0.3 | 0.7 | 1.8 |
| Annual Consumption (kilowatthours) | | | | | | | | | | | |
| 10,000 or Less | 1.3 | (*) | 0.1 | 0.1 | (*) | 0.4 | (*) | 0.2 | (*) | (*) | 0.4 |
| 10,001 to 50,000 | 4.9 | 0.2 | 0.6 | 0.3 | 0.1 | 1.8 | (*) | 0.7 | 0.1 | 0.2 | 0.9 |
| 50,001 to 100,000 | 8.1 | 0.4 | 1.0 | 0.6 | 0.2 | 2.6 | 0.1 | 1.6 | 0.2 | 0.3 | 1.2 |
| 100,001 to 500,000 | 13.5 | 0.8 | 1.6 | 1.3 | 0.4 | 4.5 | 0.2 | 2.5 | 0.2 | 0.5 | 1.6 |
| 500,001 to 1,000,000 | 15.0 | 0.7 | 2.3 | 1.9 | 0.5 | 5.3 | 0.1 | 1.8 | 0.2 | 0.5 | 1.5 |
| 1,000,001 to 5,000,000 | 21.4 | 1.0 | 3.0 | 3.2 | 0.5 | 8.0 | 0.1 | 1.7 | 0.4 | 1.1 | 2.3 |
| Over 5,000,000 | 24.0 | 0.9 | 3.4 | 3.1 | 0.5 | 10.6 | 0.1 | 1.0 | 0.6 | 1.2 | 2.7 |

See "Guide to the Tables" or "Glossary" for further explanations of the terms used in this table. Both can be accessed from the CBECS web site - <http://www.eia.doe.gov/emeu/cbecs>.

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

Q=Data withheld because fewer than 20 buildings were sampled for any cell, or because the Relative Standard Error (RSE) was greater than 50 percent for a cell in the "Total" column.

Note: Due to rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-871A, C, and E of the 2003 Commercial Buildings Energy Consumption Survey.

Table E7A. Natural Gas Consumption (Btu) and Energy Intensities by End Use for All Buildings, 2003

| | Total Natural Gas Consumption (trillion Btu) | | | | | Natural Gas Energy Intensity (thousand Btu/square foot) | | | | |
|--|---|---------------|---------------|---------|-------|--|---------------|---------------|---------|-------|
| | Total | Space Heating | Water Heating | Cooking | Other | Total | Space Heating | Water Heating | Cooking | Other |
| All Buildings | 2,100 | 1,420 | 348 | 164 | 168 | 43.3 | 29.3 | 7.2 | 3.4 | 3.5 |
| Building Floorspace (Square Feet) | | | | | | | | | | |
| 1,001 to 5,000 | 257 | 161 | 36 | 42 | 18 | 81.0 | 50.6 | 11.3 | 13.3 | 5.8 |
| 5,001 to 10,000 | 224 | 152 | 33 | 32 | 7 | 56.5 | 38.3 | 8.4 | 8.1 | 1.7 |
| 10,001 to 25,000 | 353 | 273 | 35 | 26 | 19 | 45.2 | 34.9 | 4.5 | 3.3 | 2.4 |
| 25,001 to 50,000 | 278 | 202 | 43 | 14 | Q | 42.2 | 30.6 | 6.5 | 2.1 | 3.0 |
| 50,001 to 100,000 | 277 | 192 | 47 | 14 | 25 | 36.9 | 25.6 | 6.2 | 1.8 | 3.3 |
| 100,001 to 200,000 | 275 | 187 | 58 | 10 | 20 | 36.5 | 24.8 | 7.7 | 1.3 | 2.7 |
| 200,001 to 500,000 | 211 | 138 | 44 | 11 | 17 | 35.8 | 23.4 | 7.5 | 1.9 | 2.9 |
| Over 500,000 | 224 | 115 | 52 | 14 | 42 | 37.5 | 19.3 | 8.7 | 2.4 | 7.0 |
| Principal Building Activity | | | | | | | | | | |
| Education | 268 | 207 | 37 | 5 | 19 | 38.1 | 29.5 | 5.2 | 0.7 | 2.7 |
| Food Sales | 39 | 27 | 2 | 8 | Q | 51.7 | 35.6 | 3.2 | 11.2 | Q |
| Food Service | 203 | 54 | 56 | 91 | Q | 145.6 | 39.0 | 40.0 | 65.4 | Q |
| Health Care | 243 | 136 | 74 | 10 | 23 | 95.3 | 53.6 | 28.9 | 3.8 | 9.1 |
| Inpatient | 204 | 103 | 71 | 9 | 21 | 113.2 | 56.8 | 39.4 | 5.2 | 11.9 |
| Outpatient | 38 | 34 | 3 | Q | Q | 51.8 | 45.6 | 3.5 | Q | Q |
| Lodging | 215 | 64 | 124 | 14 | Q | 50.4 | 15.0 | 29.2 | 3.3 | Q |
| Mercantile | 264 | 188 | 19 | 24 | 33 | 33.5 | 23.9 | 2.4 | 3.1 | 4.1 |
| Retail (Other Than Mall) | 91 | 84 | 3 | 3 | 2 | 31.9 | 29.3 | 1.0 | 0.9 | 0.7 |
| Enclosed and Strip Malls | 172 | 104 | 16 | 22 | 31 | 34.4 | 20.9 | 3.1 | 4.3 | 6.1 |
| Office | 269 | 230 | 13 | 3 | 23 | 32.8 | 28.1 | 1.6 | 0.3 | 2.8 |
| Public Assembly | 102 | 92 | 2 | 3 | Q | 37.5 | 33.8 | 0.9 | 1.0 | Q |
| Public Order and Safety | 29 | 15 | 10 | Q | Q | 45.0 | 24.1 | 15.1 | Q | Q |
| Religious Worship | 82 | 77 | 2 | 3 | Q | 31.2 | 29.1 | 0.9 | 1.0 | Q |
| Service | 139 | 119 | 2 | Q | 17 | 55.8 | 47.8 | 0.9 | Q | Q |
| Warehouse and Storage | 132 | 111 | 4 | Q | Q | 24.1 | 20.2 | 0.7 | Q | Q |
| Other | 87 | 72 | 2 | Q | 12 | 69.7 | 57.9 | 1.7 | Q | 9.4 |
| Vacant | 28 | 26 | Q | Q | Q | 23.7 | 22.0 | Q | Q | Q |
| Year Constructed | | | | | | | | | | |
| Before 1920 | 143 | 114 | 12 | 15 | Q | 51.7 | 41.0 | 4.4 | 5.5 | Q |
| 1920 to 1945 | 232 | 152 | 24 | 18 | 38 | 48.6 | 31.8 | 5.1 | 3.8 | 7.9 |
| 1946 to 1959 | 223 | 163 | 35 | 11 | 14 | 45.9 | 33.5 | 7.2 | 2.4 | 2.8 |
| 1960 to 1969 | 276 | 200 | 47 | 12 | 17 | 44.9 | 32.6 | 7.6 | 2.0 | 2.7 |
| 1970 to 1979 | 402 | 272 | 72 | 28 | 30 | 45.7 | 31.0 | 8.2 | 3.1 | 3.4 |
| 1980 to 1989 | 339 | 207 | 72 | 28 | 31 | 43.3 | 26.4 | 9.2 | 3.6 | 4.0 |
| 1990 to 1999 | 345 | 226 | 58 | 33 | 27 | 37.5 | 24.6 | 6.3 | 3.6 | 3.0 |
| 2000 to 2003 | 140 | 86 | 28 | 17 | 9 | 34.3 | 21.0 | 6.9 | 4.2 | 2.2 |
| Census Region and Division | | | | | | | | | | |
| Northeast | 462 | 332 | 51 | 34 | 45 | 45.5 | 32.7 | 5.1 | 3.3 | 4.4 |
| New England | 87 | 69 | Q | Q | 5 | 46.8 | 36.9 | 4.3 | 2.8 | 2.9 |
| Middle Atlantic | 375 | 263 | 44 | 29 | 39 | 45.2 | 31.7 | 5.2 | 3.5 | 4.7 |
| Midwest | 751 | 589 | 82 | 32 | 47 | 53.1 | 41.7 | 5.8 | 2.3 | 3.3 |
| East North Central | 567 | 452 | 62 | 23 | 30 | 54.8 | 43.7 | 6.0 | 2.2 | 2.9 |
| West North Central | 184 | 137 | 20 | 9 | Q | 48.5 | 36.2 | 5.4 | 2.4 | 4.5 |
| South | 527 | 291 | 129 | 68 | 38 | 34.5 | 19.1 | 8.4 | 4.5 | 2.5 |
| South Atlantic | 246 | 132 | 60 | 32 | 22 | 33.7 | 18.1 | 8.2 | 4.4 | 3.0 |
| East South Central | 107 | 69 | 25 | 8 | 5 | 42.6 | 27.4 | 10.0 | 3.3 | 1.8 |
| West South Central | 174 | 90 | 44 | 28 | 12 | 31.8 | 16.5 | 8.0 | 5.1 | 2.2 |
| West | 360 | 208 | 85 | 29 | 38 | 40.5 | 23.4 | 9.6 | 3.3 | 4.3 |
| Mountain | 190 | 132 | 35 | 6 | 17 | 58.4 | 40.5 | 10.8 | 2.0 | 5.1 |
| Pacific | 170 | 76 | 50 | 23 | 21 | 30.1 | 13.5 | 8.9 | 4.0 | 3.8 |

Table E7A. Natural Gas Consumption (Btu) and Energy Intensities by End Use for All Buildings, 2003

| | Total Natural Gas Consumption (trillion Btu) | | | | | Natural Gas Energy Intensity (thousand Btu/square foot) | | | | |
|--|---|---------------|---------------|---------|-------|--|---------------|---------------|---------|-------|
| | Total | Space Heating | Water Heating | Cooking | Other | Total | Space Heating | Water Heating | Cooking | Other |
| All Buildings | 2,100 | 1,420 | 348 | 164 | 168 | 43.3 | 29.3 | 7.2 | 3.4 | 3.5 |
| Climate Zone: 30-Year Average | | | | | | | | | | |
| Under 2,000 CDD and -- | | | | | | | | | | |
| More than 7,000 HDD | 468 | 381 | 48 | 18 | 20 | 55.2 | 44.9 | 5.7 | 2.2 | 2.4 |
| 5,500-7,000 HDD | 737 | 553 | 96 | 40 | 49 | 52.2 | 39.1 | 6.8 | 2.8 | 3.5 |
| 4,000-5,499 HDD | 368 | 231 | 55 | 32 | 49 | 41.0 | 25.8 | 6.1 | 3.6 | 5.5 |
| Fewer than 4,000 HDD | 389 | 209 | 96 | 46 | 39 | 33.0 | 17.7 | 8.1 | 3.9 | 3.3 |
| 2,000 CDD or More and -- | | | | | | | | | | |
| Fewer than 4,000 HDD | 138 | 46 | 54 | 27 | 11 | 27.1 | 9.0 | 10.5 | 5.4 | 2.2 |
| Number of Establishments | | | | | | | | | | |
| One | 1,462 | 971 | 275 | 118 | 98 | 47.9 | 31.8 | 9.0 | 3.9 | 3.2 |
| 2 to 5 | 359 | 265 | 45 | 24 | 24 | 41.2 | 30.5 | 5.2 | 2.7 | 2.8 |
| 6 to 10 | 95 | 68 | 9 | 8 | 11 | 39.8 | 28.5 | 3.7 | 3.1 | 4.4 |
| 11 to 20 | 69 | 47 | 8 | 6 | 8 | 31.1 | 21.0 | 3.5 | 2.9 | 3.7 |
| More than 20 | 96 | 52 | 11 | 7 | Q | 26.1 | 14.0 | 3.0 | 2.0 | Q |
| Currently Unoccupied | 18 | 17 | (*) | Q | Q | 19.4 | 18.5 | 0.1 | Q | Q |
| Energy Sources (more than one may apply) | | | | | | | | | | |
| Electricity | 2,100 | 1,420 | 348 | 164 | 168 | 43.3 | 29.3 | 7.2 | 3.4 | 3.5 |
| Natural Gas | 2,100 | 1,420 | 348 | 164 | 168 | 43.3 | 29.3 | 7.2 | 3.4 | 3.5 |
| Fuel Oil | 523 | 291 | 147 | 30 | 55 | 46.3 | 25.7 | 13.0 | 2.7 | 4.8 |
| District Heat | 48 | 24 | 10 | 7 | 6 | 18.6 | 9.4 | 4.0 | 2.8 | 2.4 |
| Energy End Uses (more than one may apply) | | | | | | | | | | |
| Buildings with Space Heating | 2,077 | 1,420 | 343 | 158 | 155 | 43.4 | 29.7 | 7.2 | 3.3 | 3.3 |
| Buildings with Cooling | 1,987 | 1,337 | 335 | 160 | 155 | 43.3 | 29.1 | 7.3 | 3.5 | 3.4 |
| Buildings with Water Heating | 2,035 | 1,361 | 348 | 163 | 163 | 44.4 | 29.7 | 7.6 | 3.6 | 3.6 |
| Annual Consumption (hundred cubic feet) | | | | | | | | | | |
| 1,000 or Less | 37 | 31 | 4 | 1 | Q | 8.4 | 7.0 | 1.0 | 0.3 | Q |
| 1,001 to 5,000 | 265 | 218 | 25 | 16 | 6 | 25.5 | 21.0 | 2.4 | 1.6 | 0.6 |
| 5,001 to 10,000 | 274 | 192 | 36 | 36 | 9 | 39.4 | 27.6 | 5.2 | 5.2 | 1.3 |
| 10,001 to 25,000 | 402 | 261 | 65 | 47 | 30 | 46.8 | 30.4 | 7.5 | 5.4 | 3.5 |
| 25,001 to 50,000 | 334 | 223 | 49 | 33 | 28 | 49.1 | 32.8 | 7.2 | 4.9 | 4.2 |
| 50,001 to 100,000 | 242 | 159 | 42 | 10 | 31 | 51.2 | 33.7 | 8.9 | 2.1 | 6.6 |
| Over 100,000 | 546 | 336 | 127 | 20 | 63 | 82.4 | 50.8 | 19.2 | 3.0 | 9.5 |

See "Guide to the Tables" or "Glossary" for further explanations of the terms used in this table. Both can be accessed from the CBECS web site - <http://www.eia.doe.gov/emeu/cbeecs>.

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

Q=Data withheld because fewer than 20 buildings were sampled for any cell, or because the Relative Standard Error (RSE) was greater than 50 percent for a cell in the "Total" column.

Note: Due to rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-871A, C, and E of the 2003 Commercial Buildings Energy Consumption Survey.

Table E8A. Natural Gas Consumption (cubic feet) and Energy Intensities by End Use for All Buildings, 2003

| | Total Natural Gas Consumption (billion cubic feet) | | | | | Natural Gas Energy Intensity (cubic feet/square foot) | | | | |
|--|---|---------------|---------------|---------|-------|--|---------------|---------------|---------|-------|
| | Total | Space Heating | Water Heating | Cooking | Other | Total | Space Heating | Water Heating | Cooking | Other |
| All Buildings | 2,037 | 1,378 | 338 | 159 | 163 | 42.0 | 28.4 | 7.0 | 3.3 | 3.4 |
| Building Floorspace (Square Feet) | | | | | | | | | | |
| 1,001 to 5,000 | 249 | 156 | 35 | 41 | 18 | 78.6 | 49.1 | 11.0 | 12.9 | 5.6 |
| 5,001 to 10,000 | 218 | 147 | 32 | 31 | 7 | 54.8 | 37.1 | 8.1 | 7.9 | 1.7 |
| 10,001 to 25,000 | 343 | 265 | 34 | 25 | 18 | 43.8 | 33.9 | 4.4 | 3.2 | 2.3 |
| 25,001 to 50,000 | 270 | 196 | 41 | 13 | Q | 40.9 | 29.7 | 6.3 | 2.0 | 2.9 |
| 50,001 to 100,000 | 269 | 186 | 45 | 13 | 24 | 35.8 | 24.8 | 6.0 | 1.8 | 3.2 |
| 100,001 to 200,000 | 267 | 182 | 56 | 10 | 19 | 35.4 | 24.1 | 7.4 | 1.3 | 2.6 |
| 200,001 to 500,000 | 204 | 134 | 43 | 11 | 17 | 34.7 | 22.7 | 7.3 | 1.8 | 2.9 |
| Over 500,000 | 217 | 112 | 51 | 14 | 41 | 36.4 | 18.7 | 8.5 | 2.3 | 6.8 |
| Principal Building Activity | | | | | | | | | | |
| Education | 260 | 201 | 36 | 5 | 18 | 36.9 | 28.6 | 5.1 | 0.7 | 2.6 |
| Food Sales | 37 | 26 | 2 | 8 | Q | 50.2 | 34.5 | 3.1 | 10.9 | Q |
| Food Service | 197 | 53 | 54 | 89 | Q | 141.2 | 37.8 | 38.8 | 63.5 | Q |
| Health Care | 235 | 132 | 71 | 9 | 22 | 92.5 | 51.9 | 28.1 | 3.7 | 8.8 |
| Inpatient | 198 | 99 | 69 | 9 | 21 | 109.8 | 55.1 | 38.2 | 5.0 | 11.5 |
| Outpatient | 37 | 33 | 2 | Q | Q | 50.2 | 44.3 | 3.4 | Q | Q |
| Lodging | 208 | 62 | 121 | 14 | Q | 48.9 | 14.6 | 28.3 | 3.2 | Q |
| Mercantile | 256 | 183 | 18 | 23 | 32 | 32.5 | 23.2 | 2.3 | 3.0 | 4.0 |
| Retail (Other Than Mall) | 89 | 81 | 3 | 2 | 2 | 30.9 | 28.4 | 1.0 | 0.8 | 0.7 |
| Enclosed and Strip Malls | 167 | 101 | 15 | 21 | 30 | 33.4 | 20.2 | 3.0 | 4.2 | 5.9 |
| Office | 261 | 223 | 13 | 2 | 22 | 31.8 | 27.2 | 1.6 | 0.3 | 2.7 |
| Public Assembly | 99 | 89 | 2 | 3 | Q | 36.4 | 32.8 | 0.9 | 1.0 | Q |
| Public Order and Safety | 28 | 15 | 9 | Q | Q | 43.7 | 23.3 | 14.7 | Q | Q |
| Religious Worship | 80 | 74 | 2 | 3 | Q | 30.3 | 28.3 | 0.9 | 1.0 | Q |
| Service | 135 | 116 | 2 | Q | 17 | 54.1 | 46.3 | 0.9 | Q | Q |
| Warehouse and Storage | 128 | 108 | 4 | Q | Q | 23.4 | 19.6 | 0.7 | Q | Q |
| Other | 85 | 70 | 2 | Q | 11 | 67.6 | 56.1 | 1.6 | Q | 9.1 |
| Vacant | 27 | 25 | Q | Q | Q | 23.0 | 21.3 | Q | Q | Q |
| Year Constructed | | | | | | | | | | |
| Before 1920 | 139 | 110 | 12 | 15 | Q | 50.2 | 39.8 | 4.2 | 5.3 | Q |
| 1920 to 1945 | 225 | 147 | 24 | 18 | 37 | 47.1 | 30.8 | 4.9 | 3.7 | 7.7 |
| 1946 to 1959 | 216 | 158 | 34 | 11 | 13 | 44.5 | 32.5 | 6.9 | 2.3 | 2.7 |
| 1960 to 1969 | 268 | 194 | 45 | 12 | 16 | 43.6 | 31.6 | 7.3 | 2.0 | 2.6 |
| 1970 to 1979 | 390 | 264 | 70 | 27 | 29 | 44.3 | 30.0 | 8.0 | 3.0 | 3.3 |
| 1980 to 1989 | 328 | 201 | 70 | 28 | 30 | 42.0 | 25.7 | 8.9 | 3.5 | 3.9 |
| 1990 to 1999 | 334 | 220 | 56 | 32 | 27 | 36.3 | 23.9 | 6.1 | 3.5 | 2.9 |
| 2000 to 2003 | 136 | 83 | 27 | 17 | 9 | 33.2 | 20.4 | 6.7 | 4.1 | 2.1 |
| Census Region and Division | | | | | | | | | | |
| Northeast | 448 | 322 | 50 | 33 | 43 | 44.1 | 31.7 | 4.9 | 3.2 | 4.3 |
| New England | 85 | 67 | Q | Q | 5 | 45.4 | 35.8 | 4.1 | 2.7 | 2.8 |
| Middle Atlantic | 364 | 255 | 42 | 28 | 38 | 43.8 | 30.8 | 5.1 | 3.4 | 4.6 |
| Midwest | 728 | 571 | 80 | 31 | 45 | 51.5 | 40.4 | 5.7 | 2.2 | 3.2 |
| East North Central | 550 | 439 | 60 | 23 | 29 | 53.1 | 42.3 | 5.8 | 2.2 | 2.8 |
| West North Central | 178 | 133 | 20 | 9 | Q | 47.0 | 35.1 | 5.2 | 2.3 | 4.4 |
| South | 511 | 283 | 125 | 66 | 37 | 33.5 | 18.5 | 8.2 | 4.3 | 2.4 |
| South Atlantic | 238 | 128 | 58 | 31 | 21 | 32.7 | 17.6 | 8.0 | 4.3 | 2.9 |
| East South Central | 104 | 67 | 24 | 8 | 4 | 41.3 | 26.6 | 9.7 | 3.2 | 1.7 |
| West South Central | 168 | 87 | 42 | 27 | 12 | 30.9 | 16.0 | 7.8 | 4.9 | 2.1 |
| West | 350 | 202 | 83 | 28 | 37 | 39.3 | 22.6 | 9.3 | 3.2 | 4.1 |
| Mountain | 185 | 128 | 34 | 6 | 16 | 56.6 | 39.2 | 10.5 | 1.9 | 5.0 |
| Pacific | 165 | 74 | 49 | 22 | 21 | 29.2 | 13.1 | 8.6 | 3.9 | 3.7 |

Table E8A. Natural Gas Consumption (cubic feet) and Energy Intensities by End Use for All Buildings, 2003

| | Total Natural Gas Consumption (billion cubic feet) | | | | | Natural Gas Energy Intensity (cubic feet/square foot) | | | | |
|--|---|---------------|---------------|---------|-------|--|---------------|---------------|---------|-------|
| | Total | Space Heating | Water Heating | Cooking | Other | Total | Space Heating | Water Heating | Cooking | Other |
| All Buildings | 2,037 | 1,378 | 338 | 159 | 163 | 42.0 | 28.4 | 7.0 | 3.3 | 3.4 |
| Climate Zone: 30-Year Average | | | | | | | | | | |
| Under 2,000 CDD and -- | | | | | | | | | | |
| More than 7,000 HDD | 454 | 370 | 47 | 18 | 20 | 53.5 | 43.6 | 5.5 | 2.1 | 2.3 |
| 5,500-7,000 HDD | 715 | 536 | 93 | 38 | 47 | 50.6 | 38.0 | 6.6 | 2.7 | 3.4 |
| 4,000-5,499 HDD | 356 | 224 | 53 | 31 | 48 | 39.7 | 25.0 | 5.9 | 3.5 | 5.3 |
| Fewer than 4,000 HDD | 378 | 203 | 93 | 45 | 38 | 32.0 | 17.2 | 7.9 | 3.8 | 3.2 |
| 2,000 CDD or More and -- | | | | | | | | | | |
| Fewer than 4,000 HDD | 134 | 45 | 52 | 27 | 11 | 26.3 | 8.8 | 10.2 | 5.2 | 2.1 |
| Number of Establishments | | | | | | | | | | |
| One | 1,418 | 942 | 267 | 115 | 95 | 46.5 | 30.9 | 8.7 | 3.8 | 3.1 |
| 2 to 5 | 348 | 257 | 44 | 23 | 24 | 40.0 | 29.5 | 5.0 | 2.7 | 2.7 |
| 6 to 10 | 92 | 66 | 9 | 7 | 10 | 38.6 | 27.6 | 3.6 | 3.0 | 4.3 |
| 11 to 20 | 67 | 45 | 8 | 6 | 8 | 30.2 | 20.4 | 3.4 | 2.8 | 3.6 |
| More than 20 | 93 | 50 | 11 | 7 | Q | 25.3 | 13.6 | 2.9 | 1.9 | Q |
| Currently Unoccupied | 18 | 17 | (*) | Q | Q | 18.8 | 18.0 | 0.1 | Q | Q |
| Energy Sources (more than one may apply) | | | | | | | | | | |
| Electricity | 2,037 | 1,378 | 338 | 159 | 163 | 42.0 | 28.4 | 7.0 | 3.3 | 3.4 |
| Natural Gas | 2,037 | 1,378 | 338 | 159 | 163 | 42.0 | 28.4 | 7.0 | 3.3 | 3.4 |
| Fuel Oil | 507 | 282 | 143 | 29 | 53 | 44.9 | 25.0 | 12.6 | 2.6 | 4.7 |
| District Heat | 47 | 23 | 10 | 7 | 6 | 18.0 | 9.1 | 3.9 | 2.7 | 2.3 |
| Energy End Uses (more than one may apply) | | | | | | | | | | |
| Buildings with Space Heating | 2,014 | 1,378 | 333 | 153 | 151 | 42.1 | 28.8 | 7.0 | 3.2 | 3.2 |
| Buildings with Cooling | 1,927 | 1,296 | 325 | 155 | 151 | 42.0 | 28.3 | 7.1 | 3.4 | 3.3 |
| Buildings with Water Heating | 1,974 | 1,320 | 338 | 158 | 158 | 43.0 | 28.8 | 7.4 | 3.5 | 3.5 |
| Annual Consumption (hundred cubic feet) | | | | | | | | | | |
| 1,000 or Less | 36 | 30 | 4 | 1 | Q | 8.2 | 6.8 | 1.0 | 0.3 | Q |
| 1,001 to 5,000 | 257 | 211 | 24 | 16 | 6 | 24.8 | 20.4 | 2.3 | 1.5 | 0.6 |
| 5,001 to 10,000 | 265 | 186 | 35 | 35 | 9 | 38.2 | 26.8 | 5.1 | 5.1 | 1.3 |
| 10,001 to 25,000 | 390 | 253 | 63 | 45 | 29 | 45.4 | 29.4 | 7.3 | 5.2 | 3.4 |
| 25,001 to 50,000 | 324 | 217 | 47 | 32 | 28 | 47.6 | 31.9 | 7.0 | 4.8 | 4.0 |
| 50,001 to 100,000 | 234 | 154 | 41 | 9 | 30 | 49.7 | 32.7 | 8.6 | 2.0 | 6.4 |
| Over 100,000 | 529 | 326 | 123 | 19 | 61 | 79.9 | 49.3 | 18.6 | 2.9 | 9.2 |

See "Guide to the Tables" or "Glossary" for further explanations of the terms used in this table. Both can be accessed from the CBECS web site - <http://www.eia.doe.gov/emeu/cbeecs>.

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

Q=Data withheld because fewer than 20 buildings were sampled for any cell, or because the Relative Standard Error (RSE) was greater than 50 percent for a cell in the "Total" column.

Note: Due to rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-871A, C, and E of the 2003 Commercial Buildings Energy Consumption Survey.

Table E9A. Fuel Oil Consumption (Btu) and Energy Intensities by End Use for All Buildings, 2003

| | Total Fuel Oil Consumption (trillion Btu) | | | | | Fuel Oil Energy Intensity (thousand Btu/square foot) | | | | |
|--|--|---------------|---------------|---------|-------|---|---------------|---------------|---------|-------|
| | Total | Space Heating | Water Heating | Cooking | Other | Total | Space Heating | Water Heating | Cooking | Other |
| All Buildings | 228 | 198 | 18 | Q | 10 | 14.0 | 12.2 | 1.1 | Q | 0.6 |
| Building Floorspace (Square Feet) | | | | | | | | | | |
| 1,001 to 5,000 | 34 | 32 | Q | (*) | Q | 56.9 | 52.2 | Q | (*) | Q |
| 5,001 to 10,000 | 36 | 33 | Q | (*) | Q | 49.4 | 44.7 | Q | 0.1 | Q |
| 10,001 to 25,000 | 28 | 25 | 1 | (*) | Q | 26.7 | 23.8 | 1.4 | 0.1 | Q |
| 25,001 to 50,000 | 17 | 16 | Q | (*) | 1 | 19.1 | 17.8 | Q | (*) | 0.6 |
| 50,001 to 100,000 | 29 | 26 | 1 | Q | 1 | 15.6 | 14.1 | 0.7 | Q | 0.5 |
| 100,001 to 200,000 | 37 | 35 | Q | Q | 1 | 12.5 | 11.5 | Q | Q | 0.5 |
| 200,001 to 500,000 | 36 | 25 | Q | Q | 2 | 10.5 | 7.4 | 2.4 | Q | 0.5 |
| Over 500,000 | 10 | Q | Q | Q | 2 | 2.1 | Q | Q | Q | 0.4 |
| Principal Building Activity | | | | | | | | | | |
| Education | 47 | 45 | 2 | Q | Q | 25.4 | 23.9 | 0.8 | Q | 0.3 |
| Food Sales | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Food Service | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Health Care | 11 | 6 | 2 | Q | 2 | 5.6 | 3.3 | 0.8 | Q | 1.3 |
| Inpatient | 9 | 5 | 2 | Q | 2 | 5.3 | 2.9 | 0.9 | Q | 1.4 |
| Outpatient | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Lodging | 35 | 25 | Q | (*) | 1 | 16.1 | 11.2 | Q | 0.2 | 0.3 |
| Mercantile | 21 | Q | Q | (*) | Q | Q | Q | Q | Q | Q |
| Retail (Other Than Mall) | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Enclosed and Strip Malls | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Office | 18 | 15 | Q | Q | 1 | 4.3 | 3.8 | Q | Q | 0.4 |
| Public Assembly | 29 | 28 | Q | (*) | Q | 30.7 | 29.7 | Q | (*) | Q |
| Public Order and Safety | 8 | 6 | Q | (*) | Q | Q | Q | Q | Q | Q |
| Religious Worship | 18 | 18 | Q | (*) | Q | 39.8 | 39.3 | Q | (*) | Q |
| Service | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Warehouse and Storage | 9 | Q | Q | (*) | Q | 7.3 | 6.3 | Q | 0.1 | Q |
| Other | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Vacant | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Year Constructed | | | | | | | | | | |
| Before 1920 | 38 | 35 | Q | (*) | Q | 39.3 | 36.4 | Q | 0.2 | Q |
| 1920 to 1945 | 55 | 45 | 9 | Q | (*) | 27.2 | 22.3 | 4.7 | Q | 0.1 |
| 1946 to 1959 | 48 | 45 | Q | (*) | Q | 22.8 | 21.3 | Q | (*) | Q |
| 1960 to 1969 | Q | Q | Q | Q | Q | 21.7 | 19.7 | Q | Q | 0.7 |
| 1970 to 1979 | 23 | 19 | 1 | Q | 2 | 9.5 | 8.1 | 0.6 | Q | 0.8 |
| 1980 to 1989 | 12 | 9 | 1 | Q | 2 | 3.5 | 2.7 | 0.2 | Q | 0.6 |
| 1990 to 1999 | 9 | 6 | Q | Q | 2 | 3.9 | 2.8 | Q | Q | 0.9 |
| 2000 to 2003 | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Census Region and Division | | | | | | | | | | |
| Northeast | 181 | 160 | 15 | Q | 4 | 27.9 | 24.7 | 2.4 | Q | 0.7 |
| New England | 74 | 68 | 5 | (*) | 1 | 41.3 | 38.2 | 2.8 | 0.1 | Q |
| Middle Atlantic | 107 | 92 | Q | Q | 4 | 22.8 | 19.6 | Q | Q | 0.8 |
| Midwest | 24 | Q | 1 | Q | 1 | 8.2 | 7.5 | 0.2 | Q | 0.5 |
| East North Central | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| West North Central | Q | Q | Q | Q | Q | 13.5 | 12.1 | 0.5 | 0.1 | Q |
| South | 15 | 10 | Q | Q | 4 | 3.2 | 2.2 | Q | Q | 0.8 |
| South Atlantic | 13 | 10 | Q | Q | 3 | 4.5 | 3.2 | Q | Q | 1.0 |
| East South Central | 1 | (*) | (*) | (*) | (*) | 2.7 | 1.2 | (*) | 1.0 | 0.5 |
| West South Central | 1 | (*) | Q | (*) | (*) | 0.5 | 0.2 | Q | (*) | 0.3 |
| West | 9 | Q | Q | Q | 1 | Q | Q | Q | Q | Q |
| Mountain | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Pacific | 4 | 2 | Q | (*) | 1 | 2.6 | 1.3 | Q | (*) | 0.4 |

Table E9A. Fuel Oil Consumption (Btu) and Energy Intensities by End Use for All Buildings, 2003

| | Total Fuel Oil Consumption (trillion Btu) | | | | | Fuel Oil Energy Intensity (thousand Btu/square foot) | | | | |
|--|--|---------------|---------------|---------|-------|---|---------------|---------------|---------|-------|
| | Total | Space Heating | Water Heating | Cooking | Other | Total | Space Heating | Water Heating | Cooking | Other |
| All Buildings | 228 | 198 | 18 | Q | 10 | 14.0 | 12.2 | 1.1 | Q | 0.6 |
| Climate Zone: 30-Year Average | | | | | | | | | | |
| Under 2,000 CDD and -- | | | | | | | | | | |
| More than 7,000 HDD | 63 | 59 | 2 | Q | 2 | 23.9 | 22.4 | 0.7 | Q | 0.7 |
| 5,500-7,000 HDD | 67 | 61 | 4 | Q | 2 | 15.7 | 14.2 | 1.0 | Q | 0.4 |
| 4,000-5,499 HDD | 91 | 76 | Q | Q | 4 | 18.4 | 15.3 | Q | Q | 0.7 |
| Fewer than 4,000 HDD | 6 | 2 | Q | Q | 2 | 2.4 | 0.9 | Q | Q | 0.9 |
| 2,000 CDD or More and -- | | | | | | | | | | |
| Fewer than 4,000 HDD | 1 | Q | Q | (*) | 1 | 0.5 | 0.2 | Q | (*) | 0.3 |
| Number of Establishments | | | | | | | | | | |
| One | 183 | 161 | 14 | Q | 7 | 19.8 | 17.5 | 1.5 | Q | 0.7 |
| 2 to 5 | 31 | 26 | 3 | (*) | 2 | 10.9 | 9.1 | 1.0 | (*) | 0.8 |
| 6 to 10 | 7 | 6 | Q | Q | (*) | 10.2 | 8.5 | Q | Q | 0.4 |
| 11 to 20 | Q | Q | Q | Q | Q | 2.9 | Q | Q | (*) | Q |
| More than 20 | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Currently Unoccupied | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Energy Sources (more than one may apply) | | | | | | | | | | |
| Electricity | 228 | 198 | 18 | Q | 10 | 14.0 | 12.2 | 1.1 | Q | 0.6 |
| Natural Gas | 101 | 83 | 10 | Q | 7 | 8.9 | 7.4 | 0.9 | Q | 0.6 |
| Fuel Oil | 228 | 198 | 18 | Q | 10 | 14.0 | 12.2 | 1.1 | Q | 0.6 |
| District Heat | 1 | Q | Q | Q | 1 | 0.7 | Q | Q | Q | 0.5 |
| Energy End Uses (more than one may apply) | | | | | | | | | | |
| Buildings with Space Heating | 225 | 198 | 15 | Q | 10 | 14.0 | 12.4 | 1.0 | Q | 0.6 |
| Buildings with Cooling | 181 | 155 | 15 | Q | 9 | 12.1 | 10.4 | 1.0 | Q | 0.6 |
| Buildings with Water Heating | 218 | 189 | 18 | Q | 9 | 13.9 | 12.1 | 1.2 | Q | 0.6 |
| Annual Consumption (gallons) | | | | | | | | | | |
| 1,000 or Less | 14 | 10 | Q | Q | 3 | 1.5 | 1.1 | Q | Q | 0.3 |
| 1,001 to 5,000 | 45 | 39 | Q | Q | 3 | 14.5 | 12.6 | Q | Q | 1.0 |
| 5,001 to 10,000 | 29 | 25 | Q | (*) | Q | 31.0 | 26.4 | Q | 0.1 | 1.3 |
| 10,001 to 25,000 | 31 | 29 | (*) | (*) | 1 | 31.0 | 29.5 | 0.5 | 0.1 | 1.0 |
| Over 25,000 | 110 | 95 | 12 | Q | 2 | 49.8 | 43.1 | 5.2 | Q | 0.9 |

See "Guide to the Tables" or "Glossary" for further explanations of the terms used in this table. Both can be accessed from the CBECS web site - <http://www.eia.doe.gov/emeu/cbeecs>.

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

Q=Data withheld because fewer than 20 buildings were sampled for any cell, or because the Relative Standard Error (RSE) was greater than 50 percent for a cell in the "Total" column.

Note: Due to rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-871A, C, and E of the 2003 Commercial Buildings Energy Consumption Survey.

Table E10A. Fuel Oil Consumption (gallons) and Energy Intensities by End Use for All Buildings, 2003

| | Total Fuel Oil Consumption (million gallons) | | | | | Fuel Oil Energy Intensity (gallons/square foot) | | | | |
|--|---|---------------|---------------|---------|-------|--|---------------|---------------|---------|-------|
| | Total | Space Heating | Water Heating | Cooking | Other | Total | Space Heating | Water Heating | Cooking | Other |
| All Buildings..... | 1,644 | 1,429 | 131 | Q | 72 | 0.10 | 0.09 | 0.01 | Q | (*) |
| Building Floorspace (Square Feet) | | | | | | | | | | |
| 1,001 to 5,000 | 249 | 228 | Q | (*) | Q | 0.41 | 0.38 | Q | (*) | Q |
| 5,001 to 10,000 | 262 | 237 | Q | 1 | Q | 0.36 | 0.32 | Q | (*) | Q |
| 10,001 to 25,000 | 201 | 179 | 11 | (*) | Q | 0.19 | 0.17 | 0.01 | (*) | Q |
| 25,001 to 50,000 | 124 | 115 | Q | (*) | 4 | 0.14 | 0.13 | Q | (*) | (*) |
| 50,001 to 100,000 | 209 | 188 | 10 | Q | 7 | 0.11 | 0.10 | 0.01 | Q | (*) |
| 100,001 to 200,000 | 270 | 250 | Q | Q | 10 | 0.09 | 0.08 | Q | Q | (*) |
| 200,001 to 500,000 | 258 | 183 | Q | Q | 11 | 0.08 | 0.05 | 0.02 | Q | (*) |
| Over 500,000 | 72 | Q | Q | Q | 15 | 0.02 | Q | Q | Q | (*) |
| Principal Building Activity | | | | | | | | | | |
| Education | 342 | 322 | 11 | Q | Q | 0.18 | 0.17 | 0.01 | Q | (*) |
| Food Sales | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Food Service | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Health Care | 76 | 45 | 11 | Q | 18 | 0.04 | 0.02 | 0.01 | Q | 0.01 |
| Inpatient | 65 | 35 | 11 | Q | 17 | 0.04 | 0.02 | 0.01 | Q | 0.01 |
| Outpatient | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Lodging | 255 | 177 | Q | 3 | 5 | 0.12 | 0.08 | Q | (*) | (*) |
| Mercantile | 155 | Q | Q | (*) | Q | Q | Q | Q | Q | Q |
| Retail (Other Than Mall) | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Enclosed and Strip Malls | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Office | 126 | 112 | Q | Q | 11 | 0.03 | 0.03 | Q | Q | (*) |
| Public Assembly | 208 | 201 | Q | (*) | Q | 0.22 | 0.21 | Q | (*) | Q |
| Public Order and Safety | 57 | 41 | Q | (*) | Q | Q | Q | Q | Q | Q |
| Religious Worship | 130 | 129 | Q | (*) | Q | 0.29 | 0.28 | Q | (*) | Q |
| Service | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Warehouse and Storage | 66 | Q | Q | 1 | Q | 0.05 | 0.05 | Q | (*) | Q |
| Other | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Vacant | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Year Constructed | | | | | | | | | | |
| Before 1920 | 273 | 253 | Q | 2 | Q | 0.28 | 0.26 | Q | (*) | Q |
| 1920 to 1945 | 396 | 325 | 68 | Q | 2 | 0.20 | 0.16 | 0.03 | Q | (*) |
| 1946 to 1959 | 347 | 323 | Q | 1 | Q | 0.16 | 0.15 | Q | (*) | Q |
| 1960 to 1969 | Q | Q | Q | Q | Q | 0.16 | 0.14 | Q | Q | (*) |
| 1970 to 1979 | 164 | 139 | 10 | Q | 14 | 0.07 | 0.06 | (*) | Q | 0.01 |
| 1980 to 1989 | 87 | 67 | 5 | Q | 15 | 0.03 | 0.02 | (*) | Q | (*) |
| 1990 to 1999 | 65 | 46 | Q | Q | 15 | 0.03 | 0.02 | Q | Q | 0.01 |
| 2000 to 2003 | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Census Region and Division | | | | | | | | | | |
| Northeast | 1,302 | 1,153 | 111 | Q | 30 | 0.20 | 0.18 | 0.02 | Q | (*) |
| New England | 531 | 490 | 35 | 1 | 4 | 0.30 | 0.28 | 0.02 | (*) | Q |
| Middle Atlantic | 771 | 663 | Q | Q | 26 | 0.16 | 0.14 | Q | Q | 0.01 |
| Midwest | 172 | Q | 4 | Q | 10 | 0.06 | 0.05 | (*) | Q | (*) |
| East North Central | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| West North Central | Q | Q | Q | Q | Q | 0.10 | 0.09 | (*) | (*) | Q |
| South | 107 | 73 | Q | Q | 25 | 0.02 | 0.02 | Q | Q | 0.01 |
| South Atlantic | 96 | 69 | Q | Q | 21 | 0.03 | 0.02 | Q | Q | 0.01 |
| East South Central | 7 | 3 | (*) | 2 | 1 | 0.02 | 0.01 | (*) | 0.01 | (*) |
| West South Central | 5 | 1 | Q | (*) | 3 | (*) | (*) | Q | (*) | (*) |
| West | 64 | Q | Q | Q | 7 | Q | Q | Q | Q | (*) |
| Mountain | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Pacific | 29 | 15 | Q | (*) | 5 | 0.02 | 0.01 | Q | (*) | (*) |

Table E10A. Fuel Oil Consumption (gallons) and Energy Intensities by End Use for All Buildings, 2003

| | Total Fuel Oil Consumption (million gallons) | | | | | Fuel Oil Energy Intensity (gallons/square foot) | | | | |
|--|---|---------------|---------------|---------|-------|--|---------------|---------------|---------|-------|
| | Total | Space Heating | Water Heating | Cooking | Other | Total | Space Heating | Water Heating | Cooking | Other |
| All Buildings..... | 1,644 | 1,429 | 131 | Q | 72 | 0.10 | 0.09 | 0.01 | Q | (*) |
| Climate Zone: 30-Year Average | | | | | | | | | | |
| Under 2,000 CDD and -- | | | | | | | | | | |
| More than 7,000 HDD | 452 | 425 | 13 | Q | 13 | 0.17 | 0.16 | (*) | Q | (*) |
| 5,500-7,000 HDD | 485 | 438 | 32 | Q | 14 | 0.11 | 0.10 | 0.01 | Q | (*) |
| 4,000-5,499 HDD | 655 | 547 | Q | Q | 26 | 0.13 | 0.11 | Q | Q | 0.01 |
| Fewer than 4,000 HDD | 44 | 17 | Q | Q | 16 | 0.02 | 0.01 | Q | Q | 0.01 |
| 2,000 CDD or More and -- | | | | | | | | | | |
| Fewer than 4,000 HDD | 7 | Q | Q | (*) | 4 | (*) | (*) | Q | (*) | (*) |
| Number of Establishments | | | | | | | | | | |
| One | 1,318 | 1,160 | 99 | Q | 50 | 0.14 | 0.13 | 0.01 | Q | 0.01 |
| 2 to 5 | 221 | 184 | 21 | (*) | 16 | 0.08 | 0.07 | 0.01 | (*) | 0.01 |
| 6 to 10 | 48 | 40 | Q | Q | 2 | 0.07 | 0.06 | Q | Q | (*) |
| 11 to 20 | Q | Q | Q | Q | Q | 0.02 | Q | Q | (*) | Q |
| More than 20 | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Currently Unoccupied | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Energy Sources (more than one may apply) | | | | | | | | | | |
| Electricity | 1,642 | 1,428 | 131 | Q | 72 | 0.10 | 0.09 | 0.01 | Q | (*) |
| Natural Gas | 727 | 602 | 73 | Q | 48 | 0.06 | 0.05 | 0.01 | Q | (*) |
| Fuel Oil | 1,644 | 1,429 | 131 | Q | 72 | 0.10 | 0.09 | 0.01 | Q | (*) |
| District Heat | 10 | Q | Q | Q | 6 | 0.01 | Q | Q | Q | (*) |
| Energy End Uses (more than one may apply) | | | | | | | | | | |
| Buildings with Space Heating | 1,619 | 1,429 | 111 | Q | 69 | 0.10 | 0.09 | 0.01 | Q | (*) |
| Buildings with Cooling | 1,303 | 1,120 | 107 | Q | 65 | 0.09 | 0.07 | 0.01 | Q | (*) |
| Buildings with Water Heating | 1,575 | 1,365 | 131 | Q | 67 | 0.10 | 0.09 | 0.01 | Q | (*) |
| Annual Consumption (gallons) | | | | | | | | | | |
| 1,000 or Less | 98 | 75 | Q | Q | 20 | 0.01 | 0.01 | Q | Q | (*) |
| 1,001 to 5,000 | 323 | 281 | Q | Q | 22 | 0.10 | 0.09 | Q | Q | 0.01 |
| 5,001 to 10,000 | 210 | 178 | Q | (*) | Q | 0.22 | 0.19 | Q | (*) | 0.01 |
| 10,001 to 25,000 | 221 | 211 | 3 | 1 | 7 | 0.22 | 0.21 | (*) | (*) | 0.01 |
| Over 25,000 | 792 | 685 | 83 | Q | 15 | 0.36 | 0.31 | 0.04 | Q | 0.01 |

See "Guide to the Tables" or "Glossary" for further explanations of the terms used in this table. Both can be accessed from the CBECS web site - <http://www.eia.doe.gov/emeu/cbeecs>.

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

Q=Data withheld because fewer than 20 buildings were sampled.

Note: Due to rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-871A, C, and E of the 2003 Commercial Buildings Energy Consumption Survey.

Table E11A. District Heat Consumption (Btu) and Energy Intensities by End Use for All Buildings, 2003

| | Total District Heat Consumption (trillion Btu) | | | | | District Heat Energy Intensity (thousand Btu/square foot) | | | | |
|--|---|---------------|---------------|---------|-------|--|---------------|---------------|---------|-------|
| | Total | Space Heating | Water Heating | Cooking | Other | Total | Space Heating | Water Heating | Cooking | Other |
| All Buildings | 636 | 580 | 46 | 1 | Q | 114.0 | 103.9 | 8.3 | 0.2 | Q |
| Building Floorspace (Square Feet) | | | | | | | | | | |
| 1,001 to 5,000 | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| 5,001 to 10,000 | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| 10,001 to 25,000 | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| 25,001 to 50,000 | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| 50,001 to 100,000 | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| 100,001 to 200,000 | 165 | 154 | 10 | Q | Q | 118.1 | 109.9 | Q | Q | Q |
| 200,001 to 500,000 | 123 | 112 | 11 | Q | Q | 121.2 | 110.2 | 10.5 | Q | Q |
| Over 500,000 | 171 | 147 | 16 | Q | Q | 93.6 | 80.6 | 8.9 | Q | Q |
| Principal Building Activity | | | | | | | | | | |
| Education | 134 | 122 | 8 | Q | Q | 116.6 | 106.6 | 6.9 | Q | Q |
| Food Service | N | N | N | N | N | N | N | N | N | N |
| Health Care | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Inpatient | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Outpatient | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Lodging | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Mercantile | Q | Q | Q | (*) | Q | Q | Q | Q | Q | Q |
| Retail (Other Than Mall) | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Enclosed and Strip Malls | Q | Q | Q | (*) | Q | Q | Q | Q | Q | Q |
| Office | 128 | 122 | 3 | Q | Q | 81.5 | 77.6 | 2.2 | Q | Q |
| Public Assembly | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Public Order and Safety | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Religious Worship | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Service | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Warehouse and Storage | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Other | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Vacant | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Year Constructed | | | | | | | | | | |
| Before 1920 | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| 1920 to 1945 | 129 | 117 | 7 | Q | Q | 107.0 | 96.8 | 6.1 | Q | Q |
| 1946 to 1959 | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| 1960 to 1969 | 117 | 105 | Q | Q | Q | 137.6 | 122.5 | Q | Q | Q |
| 1970 to 1979 | 77 | 66 | 10 | Q | Q | 131.7 | 112.2 | 16.6 | Q | Q |
| 1980 to 1989 | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| 1990 to 1999 | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| 2000 to 2003 | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Census Region and Division | | | | | | | | | | |
| Northeast | 166 | Q | 15 | Q | Q | 111.2 | Q | 9.8 | Q | Q |
| New England | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Middle Atlantic | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Midwest | 225 | 210 | 9 | Q | Q | 136.5 | 127.5 | 5.7 | Q | Q |
| East North Central | 192 | 182 | 5 | Q | Q | 135.3 | 128.2 | 3.7 | Q | Q |
| West North Central | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| South | 182 | 166 | 14 | Q | Q | 102.8 | 94.0 | 7.9 | Q | Q |
| South Atlantic | 117 | 105 | 10 | Q | Q | 94.1 | 84.8 | 8.2 | Q | Q |
| East South Central | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| West South Central | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| West | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Mountain | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Pacific | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |

Table E11A. District Heat Consumption (Btu) and Energy Intensities by End Use for All Buildings, 2003

| | Total District Heat Consumption (trillion Btu) | | | | | District Heat Energy Intensity (thousand Btu/square foot) | | | | |
|--|---|---------------|---------------|---------|-------|--|---------------|---------------|---------|-------|
| | Total | Space Heating | Water Heating | Cooking | Other | Total | Space Heating | Water Heating | Cooking | Other |
| All Buildings | 636 | 580 | 46 | 1 | Q | 114.0 | 103.9 | 8.3 | 0.2 | Q |
| Climate Zone: 30-Year Average | | | | | | | | | | |
| Under 2,000 CDD and -- | | | | | | | | | | |
| - More than 7,000 HDD | 88 | 80 | 8 | Q | (*) | 106.3 | 96.7 | 9.4 | Q | (*) |
| - 5,500-7,000 HDD | 257 | 242 | 9 | Q | Q | 133.9 | 126.2 | 4.6 | Q | Q |
| - 4,000-5,499 HDD | 140 | 120 | Q | Q | Q | 103.5 | 88.9 | 12.0 | Q | Q |
| - Fewer than 4,000 HDD | 101 | 90 | 10 | Q | (*) | 98.1 | 88.2 | 9.8 | Q | (*) |
| 2,000 CDD or More and -- | | | | | | | | | | |
| - Fewer than 4,000 HDD | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Number of Establishments | | | | | | | | | | |
| One | 384 | 348 | 30 | Q | Q | 125.3 | 113.6 | 9.9 | Q | Q |
| 2 to 5 | 156 | 142 | Q | Q | Q | 119.6 | 109.1 | Q | Q | Q |
| 6 to 10 | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| 11 to 20 | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| More than 20 | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Currently Unoccupied | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| Energy Sources (more than one may apply) | | | | | | | | | | |
| Electricity | 636 | 580 | 46 | 1 | Q | 114.0 | 103.9 | 8.3 | Q | Q |
| Natural Gas | 306 | 271 | 27 | Q | Q | 118.9 | 105.3 | 10.5 | Q | Q |
| Fuel Oil | 179 | 154 | 20 | Q | Q | 96.0 | 82.7 | 11.0 | Q | Q |
| District Heat | 636 | 580 | 46 | 1 | Q | 114.0 | 103.9 | 8.3 | 0.2 | Q |
| Energy End Uses (more than one may apply) | | | | | | | | | | |
| Buildings with Space Heating | 635 | 580 | 46 | 1 | Q | 115.3 | 105.2 | 8.3 | 0.2 | Q |
| Buildings with Cooling | 536 | 485 | 42 | 1 | Q | 112.1 | 101.3 | 8.7 | 0.3 | Q |
| Buildings with Water Heating | 525 | 469 | 46 | 1 | Q | 110.2 | 98.4 | 9.7 | 0.3 | Q |

See "Guide to the Tables" or "Glossary" for further explanations of the terms used in this table. Both can be accessed from the CBECS web site - <http://www.eia.doe.gov/emeu/cbecs>.

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

Q=Data withheld because fewer than 20 buildings were sampled for any cell, or because the Relative Standard Error (RSE) was greater than 50 percent for a cell in the "Total" column.

N=No responding cases in sample that used district heat.

Note: Due to rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-871A, C, and E of the 2003 Commercial Buildings Energy Consumption Survey.