

Table C4A. Expenditures for Sum of Major Fuels for All Buildings, 2003

| | All Buildings | | | Sum of Major Fuel Expenditures | | | |
|------------------------------------------|--------------------------------|----------------------------------|------------------------------------------------|--------------------------------|---------------------------------|---------------------------|---------------------------|
| | Number of Buildings (thousand) | Floorspace (million square feet) | Floorspace per Building (thousand square feet) | Total (million dollars) | per Building (thousand dollars) | per Square Foot (dollars) | per Million Btu (dollars) |
| All Buildings | 4,859 | 71,658 | 14.7 | 107,897 | 22.2 | 1.51 | 16.54 |
| Building Floorspace (Square Feet) | | | | | | | |
| 1,001 to 5,000 | 2,586 | 6,922 | 2.7 | 13,083 | 5.1 | 1.89 | 19.08 |
| 5,001 to 10,000 | 948 | 7,033 | 7.4 | 10,443 | 11.0 | 1.48 | 18.56 |
| 10,001 to 25,000 | 810 | 12,659 | 15.6 | 15,689 | 19.4 | 1.24 | 17.46 |
| 25,001 to 50,000 | 261 | 9,382 | 36.0 | 11,898 | 45.6 | 1.27 | 16.04 |
| 50,001 to 100,000 | 147 | 10,291 | 70.2 | 15,171 | 103.5 | 1.47 | 16.62 |
| 100,001 to 200,000 | 74 | 10,217 | 138.6 | 16,087 | 218.2 | 1.57 | 15.12 |
| 200,001 to 500,000 | 26 | 7,494 | 287.6 | 10,940 | 419.8 | 1.46 | 14.56 |
| Over 500,000 | 8 | 7,660 | 937.6 | 14,586 | 1785.5 | 1.90 | 16.11 |
| Principal Building Activity | | | | | | | |
| Education | 386 | 9,874 | 25.6 | 12,008 | 31.1 | 1.22 | 14.64 |
| Food Sales | 226 | 1,255 | 5.6 | 4,990 | 22.1 | 3.98 | 19.91 |
| Food Service | 297 | 1,654 | 5.6 | 6,865 | 23.1 | 4.15 | 16.07 |
| Health Care | 129 | 3,163 | 24.6 | 7,440 | 57.8 | 2.35 | 12.53 |
| Inpatient | 8 | 1,905 | 241.4 | 5,329 | 675.4 | 2.80 | 11.23 |
| Outpatient | 121 | 1,258 | 10.4 | 2,111 | 17.5 | 1.68 | 17.74 |
| Lodging | 142 | 5,096 | 35.8 | 7,445 | 52.3 | 1.46 | 14.61 |
| Mercantile | 657 | 11,192 | 17.0 | 21,300 | 32.4 | 1.90 | 20.85 |
| Retail (Other Than Mall) | 443 | 4,317 | 9.7 | 5,980 | 13.5 | 1.39 | 18.75 |
| Enclosed and Strip Malls | 213 | 6,875 | 32.2 | 15,320 | 71.8 | 2.23 | 21.81 |
| Office | 824 | 12,208 | 14.8 | 20,841 | 25.3 | 1.71 | 18.39 |
| Public Assembly | 277 | 3,939 | 14.2 | 5,790 | 20.9 | 1.47 | 15.65 |
| Public Order and Safety | 71 | 1,090 | 15.5 | 1,917 | 27.2 | 1.76 | 15.18 |
| Religious Worship | 370 | 3,754 | 10.1 | 2,457 | 6.6 | 0.65 | 15.06 |
| Service | 622 | 4,050 | 6.5 | 4,779 | 7.7 | 1.18 | 15.33 |
| Warehouse and Storage | 597 | 10,078 | 16.9 | 6,894 | 11.5 | 0.68 | 15.12 |
| Other | 79 | 1,738 | 21.9 | 4,420 | 55.7 | 2.54 | 15.47 |
| Vacant | 182 | 2,567 | 14.1 | 751 | 4.1 | 0.29 | 14.02 |
| Year Constructed | | | | | | | |
| Before 1920 | 333 | 3,784 | 11.4 | 4,153 | 12.5 | 1.10 | 13.69 |
| 1920 to 1945 | 536 | 6,985 | 13.0 | 8,946 | 16.7 | 1.28 | 14.17 |
| 1946 to 1959 | 573 | 7,262 | 12.7 | 9,053 | 15.8 | 1.25 | 15.40 |
| 1960 to 1969 | 600 | 8,641 | 14.4 | 12,493 | 20.8 | 1.45 | 15.80 |
| 1970 to 1979 | 784 | 12,275 | 15.6 | 19,585 | 25.0 | 1.60 | 16.45 |
| 1980 to 1989 | 768 | 12,468 | 16.2 | 22,142 | 28.8 | 1.78 | 17.76 |
| 1990 to 1999 | 917 | 13,981 | 15.2 | 22,356 | 24.4 | 1.60 | 17.72 |
| 2000 to 2003 | 347 | 6,262 | 18.1 | 9,169 | 26.5 | 1.46 | 17.95 |
| Census Region and Division | | | | | | | |
| Northeast | 761 | 13,995 | 18.4 | 24,395 | 32.1 | 1.74 | 17.47 |
| New England | 252 | 3,452 | 13.7 | 6,084 | 24.2 | 1.76 | 17.66 |
| Middle Atlantic | 509 | 10,543 | 20.7 | 18,311 | 35.9 | 1.74 | 17.41 |
| Midwest | 1,305 | 18,103 | 13.9 | 23,398 | 17.9 | 1.29 | 13.01 |
| East North Central | 728 | 12,424 | 17.1 | 17,511 | 24.1 | 1.41 | 13.04 |
| West North Central | 577 | 5,680 | 9.8 | 5,888 | 10.2 | 1.04 | 12.92 |
| South | 1,873 | 26,739 | 14.3 | 38,398 | 20.5 | 1.44 | 16.95 |
| South Atlantic | 926 | 13,999 | 15.1 | 21,396 | 23.1 | 1.53 | 17.24 |
| East South Central | 360 | 3,719 | 10.3 | 5,154 | 14.3 | 1.39 | 15.16 |
| West South Central | 587 | 9,022 | 15.4 | 11,848 | 20.2 | 1.31 | 17.33 |
| West | 920 | 12,820 | 13.9 | 21,706 | 23.6 | 1.69 | 20.42 |
| Mountain | 316 | 4,207 | 13.3 | 6,726 | 21.3 | 1.60 | 15.07 |
| Pacific | 603 | 8,613 | 14.3 | 14,980 | 24.8 | 1.74 | 24.28 |

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| | All Buildings | | | Sum of Major Fuel Expenditures | | | |
|--------------------------------------------------|--------------------------------|----------------------------------|------------------------------------------------|--------------------------------|---------------------------------|---------------------------|---------------------------|
| | Number of Buildings (thousand) | Floorspace (million square feet) | Floorspace per Building (thousand square feet) | Total (million dollars) | per Building (thousand dollars) | per Square Foot (dollars) | per Million Btu (dollars) |
| All Buildings | 4,859 | 71,658 | 14.7 | 107,897 | 22.2 | 1.51 | 16.54 |
| Climate Zone: 30-Year Average | | | | | | | |
| Under 2,000 CDD and -- | | | | | | | |
| More than 7,000 HDD | 882 | 11,529 | 13.1 | 15,307 | 17.4 | 1.33 | 14.09 |
| 5,500-7,000 HDD | 1,229 | 18,808 | 15.3 | 27,921 | 22.7 | 1.48 | 14.47 |
| 4,000-5,499 HDD | 701 | 12,503 | 17.8 | 20,888 | 29.8 | 1.67 | 16.81 |
| Fewer than 4,000 HDD | 1,336 | 17,630 | 13.2 | 26,517 | 19.9 | 1.50 | 19.14 |
| 2,000 CDD or More and -- | | | | | | | |
| Fewer than 4,000 HDD | 711 | 11,189 | 15.7 | 17,263 | 24.3 | 1.54 | 19.63 |
| Number of Establishments | | | | | | | |
| One | 3,754 | 45,144 | 12.0 | 65,153 | 17.4 | 1.44 | 15.64 |
| 2 to 5 | 762 | 12,565 | 16.5 | 19,503 | 25.6 | 1.55 | 16.80 |
| 6 to 10 | 117 | 3,358 | 28.6 | 6,782 | 57.8 | 2.02 | 17.93 |
| 11 to 20 | 47 | 3,369 | 71.8 | 6,213 | 132.4 | 1.84 | 20.24 |
| More than 20 | 22 | 5,060 | 227.3 | 9,730 | 437.1 | 1.92 | 20.59 |
| Currently Unoccupied | 157 | 2,161 | 13.8 | 516 | 3.3 | 0.24 | 13.88 |
| Energy Sources (more than one may apply) | | | | | | | |
| Electricity | 4,617 | 70,181 | 15.2 | 107,894 | 23.4 | 1.54 | 16.54 |
| Natural Gas | 2,538 | 48,473 | 19.1 | 78,522 | 30.9 | 1.62 | 15.57 |
| Fuel Oil | 465 | 16,265 | 35.0 | 28,286 | 60.8 | 1.74 | 15.15 |
| District Heat | 67 | 5,576 | 83.1 | 14,404 | 214.6 | 2.58 | 13.99 |
| Energy End Uses (more than one may apply) | | | | | | | |
| Buildings with Space Heating | 4,182 | 66,446 | 15.9 | 103,845 | 24.8 | 1.56 | 16.30 |
| Buildings with Cooling | 3,825 | 63,560 | 16.6 | 102,694 | 26.8 | 1.62 | 16.70 |
| Buildings with Water Heating | 3,659 | 62,827 | 17.2 | 101,438 | 27.7 | 1.61 | 16.47 |

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>.

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

N=No responding cases in sample.

Notes: • Statistics for the "Energy End Uses" category represent total consumption in buildings that have the end use, not consumption specifically for that particular end use. • HVAC = Heating, Ventilation, and Air Conditioning. • Due to rounding, data may not sum to totals. Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-871A, C, and E of the 2003 Commercial Buildings Energy Consumption Survey.