

Table C38A. District Heat Consumption and Expenditure Intensities for All Buildings, 2003

| | District Heat Consumption | | District Heat Expenditures | | |
|--|-------------------------------|-----------------------------------|------------------------------------|------------------------------|----------------------------------|
| | per Building (million Btu) | per Square Foot (thousand Btu) | per Building (thousand dollars) | per Square Foot (dollars) | per Thousand Pounds (dollars) |
| All Buildings | 9,470 | 113.98 | 108.4 | 1.31 | 11.45 |
| Building Floorspace (Square Feet) | | | | | |
| 1,001 to 5,000 | Q | Q | Q | Q | Q |
| 5,001 to 10,000 | Q | Q | Q | Q | Q |
| 10,001 to 25,000 | Q | Q | Q | Q | Q |
| 25,001 to 50,000 | Q | Q | Q | Q | Q |
| 50,001 to 100,000 | Q | Q | Q | Q | Q |
| 100,001 to 200,000 | 17,452 | 118.10 | Q | Q | Q |
| 200,001 to 500,000 | 34,658 | 121.16 | Q | Q | Q |
| Over 500,000 | 77,419 | 93.60 | 834.8 | 1.01 | 10.78 |
| Principal Building Activity | | | | | |
| Education | 5,223 | 116.63 | Q | Q | Q |
| Food Sales | N | N | N | N | Q |
| Food Service | Q | Q | Q | Q | Q |
| Health Care | Q | Q | Q | Q | Q |
| Inpatient | Q | Q | Q | Q | Q |
| Outpatient | Q | Q | Q | Q | Q |
| Lodging | Q | Q | Q | Q | Q |
| Mercantile | Q | Q | Q | Q | Q |
| Retail (Other Than Mall) | Q | Q | Q | Q | Q |
| Enclosed and Strip Malls | Q | Q | Q | Q | Q |
| Office | 7,933 | 81.53 | 89.4 | 0.92 | 11.27 |
| Public Assembly | Q | Q | Q | Q | Q |
| Public Order and Safety | Q | Q | Q | Q | Q |
| Religious Worship | Q | Q | Q | Q | Q |
| Service | Q | Q | Q | Q | Q |
| Warehouse and Storage | Q | Q | Q | Q | Q |
| Other | Q | Q | Q | Q | Q |
| Vacant | Q | Q | Q | Q | Q |
| Year Constructed | | | | | |
| Before 1920 | Q | Q | Q | Q | Q |
| 1920 to 1945 | 10,610 | 107.03 | 116.9 | 1.18 | 11.02 |
| 1946 to 1959 | Q | Q | Q | Q | Q |
| 1960 to 1969 | 8,787 | 137.56 | Q | Q | Q |
| 1970 to 1979 | 13,255 | 131.66 | Q | Q | Q |
| 1980 to 1989 | Q | Q | Q | Q | Q |
| 1990 to 1999 | Q | Q | Q | Q | Q |
| 2000 to 2003 | Q | Q | Q | Q | Q |
| Census Region and Division | | | | | |
| Northeast | 9,403 | 111.22 | Q | 1.45 | 13.04 |
| New England | Q | Q | Q | Q | Q |
| Middle Atlantic | Q | Q | Q | Q | Q |
| Midwest | 17,217 | 136.50 | Q | 1.41 | 10.35 |
| East North Central | 25,607 | 135.33 | Q | Q | Q |
| West North Central | Q | Q | Q | Q | Q |
| South | 8,547 | 102.81 | Q | 1.17 | 11.36 |
| South Atlantic | 8,059 | 94.14 | Q | Q | Q |
| East South Central | Q | Q | Q | Q | Q |
| West South Central | Q | Q | Q | Q | Q |
| West | Q | Q | Q | Q | Q |
| Mountain | Q | Q | Q | Q | Q |
| Pacific | Q | Q | Q | Q | Q |

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| | District Heat Consumption | | District Heat Expenditures | | |
|--|-------------------------------|-----------------------------------|------------------------------------|------------------------------|----------------------------------|
| | per Building (million Btu) | per Square Foot (thousand Btu) | per Building (thousand dollars) | per Square Foot (dollars) | per Thousand Pounds (dollars) |
| All Buildings | 9,470 | 113.98 | 108.4 | 1.31 | 11.45 |
| Climate Zone: 30-Year Average | | | | | |
| Under 2,000 CDD and -- | | | | | |
| More than 7,000 HDD | Q | 106.35 | Q | Q | Q |
| 5,500-7,000 HDD | 9,440 | 133.88 | Q | Q | Q |
| 4,000-5,499 HDD | 10,354 | 103.48 | 128.9 | 1.29 | 12.45 |
| Fewer than 4,000 HDD | 7,681 | 98.14 | Q | Q | Q |
| 2,000 CDD or More and -- | | | | | |
| Fewer than 4,000 HDD | Q | Q | Q | Q | Q |
| Number of Establishments | | | | | |
| One | 8,549 | 125.34 | 97.1 | 1.42 | 11.36 |
| 2 to 5 | 10,135 | 119.61 | Q | Q | Q |
| 6 to 10 | Q | Q | Q | Q | Q |
| 11 to 20 | Q | Q | Q | Q | Q |
| More than 20 | Q | Q | Q | Q | Q |
| Currently Unoccupied | Q | Q | Q | Q | Q |
| Energy Sources (more than one may apply) | | | | | |
| Electricity | 9,470 | 113.98 | 108.4 | 1.31 | 11.45 |
| Natural Gas | Q | 118.88 | Q | 1.40 | 11.79 |
| Fuel Oil | 38,643 | 95.96 | 430.5 | 1.07 | 11.14 |
| District Heat | 9,470 | 113.98 | 108.4 | 1.31 | 11.45 |
| Energy End Uses (more than one may apply) | | | | | |
| Buildings with Space Heating | 9,496 | 115.28 | 108.8 | 1.32 | 11.45 |
| Buildings with Cooling | 9,719 | 112.07 | 110.8 | 1.28 | 11.40 |
| Buildings with Water Heating | 8,588 | 110.18 | 98.5 | 1.26 | 11.46 |

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>.

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 that use district heat.

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. • 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.