

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

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	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.