

Table C7A. Consumption and Gross Energy Intensity by Census Division for Sum of Major Fuels for All Buildings, 2003: Part 1

	Sum of Major Fuel Consumption (trillion Btu)			Total Floorspace of Buildings (million square feet)			Energy Intensity for Sum of Major Fuels (thousand Btu/square foot)		
	New England	Middle Atlantic	East North Central	New England	Middle Atlantic	East North Central	New England	Middle Atlantic	East North Central
All Buildings	345	1,052	1,343	3,452	10,543	12,424	99.8	99.7	108.1
Building Floorspace (Square Feet)									
1,001 to 5,000	37	86	147	383	676	986	95.9	127.9	148.9
5,001 to 10,000	39	68	83	369	800	939	106.0	85.4	88.2
10,001 to 25,000	Q	121	187	674	1,448	2,113	Q	83.4	88.4
25,001 to 50,000	Q	84	155	366	1,022	1,763	Q	82.5	87.6
50,001 to 100,000	Q	155	160	590	1,682	1,712	Q	92.0	93.3
100,001 to 200,000	Q	161	224	448	1,790	1,872	Q	90.0	119.6
200,001 to 500,000	Q	177	218	Q	1,673	1,847	Q	105.8	117.9
Over 500,000	Q	Q	Q	Q	1,451	1,192	Q	Q	Q
Principal Building Activity									
Education	Q	143	175	Q	1,384	1,990	Q	103.1	87.7
Food Sales	Q	Q	Q	Q	Q	218	Q	Q	Q
Food Service	Q	Q	68	Q	127	248	Q	Q	276.6
Health Care	Q	102	122	Q	464	551	Q	219.0	220.7
Inpatient	Q	Q	Q	Q	310	316	Q	Q	Q
Outpatient	Q	Q	Q	Q	Q	235	Q	Q	Q
Lodging	Q	Q	70	374	797	548	Q	Q	126.7
Mercantile	Q	104	148	699	Q	1,373	Q	Q	108.1
Retail (Other Than Mall)	Q	30	59	Q	419	544	Q	72.3	108.4
Enclosed and Strip Malls	Q	Q	89	488	Q	829	Q	Q	107.9
Office	66	239	263	578	2,434	2,190	114.6	98.0	120.1
Public Assembly	Q	Q	80	Q	769	635	Q	Q	126.8
Public Order and Safety	Q	Q	Q	Q	Q	Q	Q	Q	Q
Religious Worship	Q	28	41	Q	474	720	Q	58.1	56.4
Service	Q	45	78	Q	620	775	Q	72.0	100.8
Warehouse and Storage	Q	55	175	Q	1,112	2,023	Q	49.2	86.4
Other	Q	Q	Q	Q	501	248	Q	Q	Q
Vacant	Q	Q	Q	Q	Q	791	Q	Q	Q
Year Constructed									
Before 1920	39	76	84	450	962	999	86.5	79.0	84.5
1920 to 1945	Q	183	216	660	1,918	1,603	Q	95.5	135.0
1946 to 1959	Q	171	134	Q	1,785	1,519	Q	95.6	88.3
1960 to 1969	Q	158	150	407	1,451	1,568	Q	109.1	95.7
1970 to 1979	Q	168	266	493	1,423	2,425	Q	117.9	109.8
1980 to 1989	Q	130	200	440	1,235	1,696	Q	105.3	117.7
1990 to 1999	Q	106	213	243	1,301	1,768	Q	81.2	120.4
2000 to 2003	Q	Q	79	Q	467	845	Q	Q	93.7
Climate Zone: 30-Year Average									
Under 2,000 CDD and --									
More than 7,000 HDD	62	Q	333	Q	1,577	3,208	63.1	94.2	103.8
5,500-7,000 HDD	282	315	1,010	2,463	3,526	9,215	114.5	89.4	109.6
4,000-5,499 HDD	N	588	N	N	5,440	N	N	108.0	N
Fewer than 4,000 HDD	N	N	N	N	N	N	N	N	N
2,000 CDD or More and --									
Fewer than 4,000 HDD	N	N	N	N	N	N	N	N	N

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	New England	Middle Atlantic	East North Central	New England	Middle Atlantic	East North Central	New England	Middle Atlantic	East North Central
All Buildings	345	1,052	1,343	3,452	10,543	12,424	99.8	99.7	108.1
Number of Establishments									
One	198	643	952	1,784	6,277	8,315	111.2	102.4	114.5
2 to 5	69	211	231	756	2,046	2,096	91.2	103.1	110.0
6 to 10	Q	56	55	Q	548	459	Q	101.5	118.8
11 to 20	Q	Q	58	Q	509	501	Q	Q	116.4
More than 20	Q	Q	Q	Q	Q	Q	Q	Q	Q
Currently Unoccupied	Q	Q	Q	Q	Q	756	Q	Q	Q
Energy Sources (more than one may apply)									
Electricity	345	1,052	1,343	3,430	10,469	12,202	100.5	100.4	110.0
Natural Gas	227	883	1,115	1,861	8,301	10,356	122.0	106.3	107.7
Fuel Oil	170	507	277	1,781	4,682	1,871	95.7	108.3	148.1
District Heat	Q	Q	Q	Q	1,082	1,420	Q	Q	Q
Energy End Uses (more than one may apply)									
Buildings with Space Heating	343	1,045	1,337	3,307	10,368	12,052	103.6	100.8	110.9
Buildings with Cooling	303	988	1,187	2,492	9,523	10,585	121.5	103.7	112.2
Buildings with Water Heating	336	1,002	1,204	3,209	9,666	10,951	104.6	103.7	109.9

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/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. • 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.