

**Table C17A. Electricity Consumption and Conditional Energy Intensity by Census Division for All Buildings, 2003: Part 1**

	Total Electricity Consumption (billion kWh)			Total Floorspace of Buildings Using Electricity (million square feet)			Electricity Energy Intensity (kWh/square foot)		
	New England	Middle Atlantic	East North Central	New England	Middle Atlantic	East North Central	New England	Middle Atlantic	East North Central
<b>All Buildings</b> .....	41	131	168	3,430	10,469	12,202	12.0	12.5	13.8
<b>Building Floorspace (Square Feet)</b>									
1,001 to 5,000 .....	5	9	20	369	662	921	12.9	13.9	21.9
5,001 to 10,000 .....	3	8	9	360	768	877	8.4	10.4	10.8
10,001 to 25,000 .....	Q	16	24	674	1,420	2,113	Q	11.6	11.2
25,001 to 50,000 .....	Q	10	18	Q	1,022	1,680	Q	9.5	10.6
50,001 to 100,000 .....	Q	20	23	Q	1,682	1,712	Q	11.8	13.6
100,001 to 200,000 .....	Q	20	30	448	1,790	1,861	18.1	11.0	16.1
200,001 to 500,000 .....	Q	22	24	Q	1,673	1,847	Q	13.1	13.2
Over 500,000 .....	Q	26	19	Q	1,451	1,192	Q	17.9	16.3
<b>Principal Building Activity</b>									
Education .....	Q	12	16	Q	1,384	1,990	Q	8.4	7.9
Food Sales .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Food Service .....	Q	Q	10	Q	Q	248	Q	Q	38.5
Health Care .....	Q	9	13	Q	464	551	Q	20.2	24.2
Inpatient .....	Q	8	9	Q	310	316	Q	24.8	27.9
Outpatient .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Lodging .....	Q	Q	8	Q	Q	548	Q	Q	14.7
Mercantile .....	11	20	21	699	1,021	1,373	15.2	19.2	15.6
Retail (Other Than Mall) .....	Q	5	7	Q	419	544	Q	10.9	12.3
Enclosed and Strip Malls .....	Q	Q	15	Q	Q	829	Q	Q	17.9
Office .....	9	40	42	578	2,434	2,190	16.3	16.6	18.9
Public Assembly .....	Q	5	8	Q	769	635	Q	Q	12.3
Public Order and Safety .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Religious Worship .....	Q	1	3	Q	474	720	Q	3.2	4.3
Service .....	Q	5	9	Q	620	775	Q	7.5	12.0
Warehouse and Storage .....	Q	8	21	Q	1,070	1,931	Q	7.4	10.8
Other .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Vacant .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Year Constructed</b>									
Before 1920 .....	3	8	6	450	945	994	6.1	Q	5.8
1920 to 1945 .....	4	14	Q	660	1,886	1,494	6.5	7.7	12.5
1946 to 1959 .....	Q	16	14	Q	1,774	1,509	Q	9.0	9.4
1960 to 1969 .....	Q	17	17	Q	1,451	1,568	16.9	11.9	10.7
1970 to 1979 .....	6	25	37	493	1,423	2,425	13.1	17.5	15.3
1980 to 1989 .....	8	23	30	440	1,235	1,669	18.6	18.3	18.2
1990 to 1999 .....	Q	19	32	Q	1,301	1,719	Q	14.4	18.5
2000 to 2003 .....	Q	Q	14	Q	Q	824	Q	Q	16.7
<b>Climate Zone: 30-Year Average</b>									
Under 2,000 CDD and --									
More than 7,000 HDD .....	7	Q	35	Q	1,549	3,167	7.4	12.1	11.0
5,500-7,000 HDD .....	34	39	133	2,463	3,495	9,036	13.9	11.1	14.8
4,000-5,499 HDD .....	N	73	N	N	5,425	N	N	13.5	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
<b>All Buildings</b> .....	41	131	168	3,430	10,469	12,202	12.0	12.5	13.8
<b>Number of Establishments</b>									
One .....	20	72	117	1,761	6,235	8,199	11.1	11.5	14.3
2 to 5 .....	8	26	28	756	2,046	2,096	11.1	12.9	13.4
6 to 10 .....	Q	9	7	Q	548	459	Q	16.3	15.5
11 to 20 .....	Q	Q	10	Q	Q	501	Q	Q	19.9
More than 20 .....	Q	16	Q	Q	849	Q	Q	19.2	Q
Currently Unoccupied .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Energy Sources (more than one may apply)</b>									
Electricity .....	41	131	168	3,430	10,469	12,202	12.0	12.5	13.8
Natural Gas .....	29	108	139	1,861	8,301	10,355	15.3	13.0	13.5
Fuel Oil .....	19	60	36	1,781	4,682	1,856	10.9	12.7	19.4
District Heat .....	Q	17	25	Q	1,082	1,420	Q	15.7	17.7
<b>Energy End Uses (more than one may apply)</b>									
Buildings with Space Heating .....	41	130	167	3,307	10,368	12,026	12.4	12.5	13.9
Buildings with Cooling .....	38	127	156	2,492	9,523	10,570	15.1	13.4	14.7
Buildings with Water Heating .....	40	128	155	3,209	9,666	10,936	12.6	13.2	14.1
<b>Annual Consumption (kilowatthours)</b>									
10,000 or Less .....	Q	0	0	Q	Q	Q	Q	1.1	0.9
10,001 to 50,000 .....	2	4	7	645	1,166	1,284	3.3	3.8	5.2
50,001 to 100,000 .....	Q	7	7	Q	1,329	959	Q	5.4	7.2
100,001 to 500,000 .....	9	21	44	735	2,383	3,563	12.3	8.9	12.3
500,001 to 1,000,000 .....	Q	12	16	Q	1,072	1,187	Q	10.9	13.1
1,000,001 to 5,000,000 .....	13	41	56	753	2,073	2,893	16.6	19.6	19.3
Over 5,000,000 .....	Q	45	39	Q	1,999	1,817	Q	22.6	21.6

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/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 that use electricity.

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.