

Table C13A. Total Electricity Consumption and Expenditures for All Buildings, 2003

	All Buildings Using Electricity			Electricity Consumption			Electricity Expenditures
	Number of Buildings (thousand)	Floorspace (million square feet)	Floorspace per Building (thousand square feet)	Primary	Site		Total (million dollars)
				Total (trillion Btu)	Total (trillion Btu)	Total (billion kWh)	
All Buildings	4,617	70,181	15.2	10,746	3,559	1,043	82,783
Building Floorspace (Square Feet)							
1,001 to 5,000	2,418	6,479	2.7	1,185	392	115	10,547
5,001 to 10,000	893	6,645	7.4	883	293	86	8,199
10,001 to 25,000	799	12,495	15.6	1,464	485	142	12,172
25,001 to 50,000	254	9,098	35.9	1,199	397	116	9,179
50,001 to 100,000	146	10,265	70.3	1,579	523	153	11,694
100,001 to 200,000	73	10,171	138.7	1,771	587	172	11,962
200,001 to 500,000	26	7,370	288.4	1,152	381	112	7,862
Over 500,000	8	7,660	937.6	1,513	501	147	11,167
Principal Building Activity							
Education	384	9,871	25.7	1,121	371	109	8,111
Food Sales	221	1,237	5.6	629	208	61	4,627
Food Service	297	1,654	5.6	654	217	63	5,176
Health Care	129	3,163	24.6	748	248	73	4,882
Inpatient	8	1,905	241.4	539	178	52	3,198
Outpatient	121	1,258	10.4	209	69	20	1,684
Lodging	142	5,096	35.8	709	235	69	5,288
Mercantile	657	11,192	17.0	2,214	733	215	18,883
Retail (Other Than Mall)	443	4,317	9.7	637	211	62	5,132
Enclosed and Strip Malls	213	6,875	32.2	1,578	523	153	13,751
Office	824	12,208	14.8	2,170	719	211	17,050
Public Assembly	274	3,935	14.4	506	167	49	3,943
Public Order and Safety	71	1,090	15.5	172	57	17	1,216
Religious Worship	370	3,754	10.1	188	62	18	1,628
Service	601	3,982	6.6	451	149	44	3,485
Warehouse and Storage	464	9,425	20.3	738	244	72	5,034
Other	76	1,729	22.7	401	133	39	3,049
Vacant	106	1,846	17.3	46	15	4	412
Year Constructed							
Before 1920	321	3,746	11.7	274	91	27	2,338
1920 to 1945	508	6,709	13.2	649	215	63	5,364
1946 to 1959	552	7,055	12.8	744	247	72	6,184
1960 to 1969	592	8,597	14.5	1,085	359	105	8,626
1970 to 1979	754	12,058	16.0	2,079	689	202	15,679
1980 to 1989	730	12,290	16.8	2,382	789	231	18,258
1990 to 1999	850	13,699	16.1	2,484	823	241	18,560
2000 to 2003	311	6,028	19.4	1,048	347	102	7,773
Census Region and Division							
Northeast	745	13,899	18.7	1,772	587	172	16,907
New England	247	3,430	13.9	426	141	41	4,157
Middle Atlantic	498	10,469	21.0	1,347	446	131	12,750
Midwest	1,228	17,725	14.4	2,414	799	234	15,677
East North Central	691	12,202	17.7	1,733	574	168	11,503
West North Central	537	5,523	10.3	681	225	66	4,174
South	1,752	26,017	14.8	4,654	1,542	452	31,849
South Atlantic	887	13,837	15.6	2,612	865	254	17,693
East South Central	325	3,546	10.9	591	196	57	3,881
West South Central	540	8,634	16.0	1,451	481	141	10,275
West	892	12,541	14.1	1,905	631	185	18,350
Mountain	303	4,165	13.7	700	232	68	5,205
Pacific	589	8,376	14.2	1,205	399	117	13,145

CONTINUED

Table C13A. Total Electricity Consumption and Expenditures for All Buildings, 2003

	All Buildings Using Electricity			Electricity Consumption			Electricity Expenditures
	Number of Buildings (thousand)	Floorspace (million square feet)	Floorspace per Building (thousand square feet)	Primary	Site		Total (million dollars)
				Total (trillion Btu)	Total (trillion Btu)	Total (billion kWh)	
All Buildings	4,617	70,181	15.2	10,746	3,559	1,043	82,783
Climate Zone: 30-Year Average							
Under 2,000 CDD and --							
More than 7,000 HDD	836	11,300	13.5	1,412	468	137	10,479
5,500-7,000 HDD	1,185	18,549	15.7	2,621	868	254	19,181
4,000-5,499 HDD	670	12,374	18.5	1,947	645	189	15,439
Fewer than 4,000 HDD	1,253	17,064	13.6	2,686	890	261	22,055
2,000 CDD or More and --							
Fewer than 4,000 HDD	674	10,894	16.2	2,081	689	202	15,629
Number of Establishments							
One	3,591	44,379	12.4	6,454	2,138	627	48,376
2 to 5	754	12,526	16.6	1,859	616	180	14,425
6 to 10	117	3,358	28.6	692	229	67	5,587
11 to 20	47	3,369	71.8	656	217	64	5,449
More than 20	22	5,060	227.3	1,056	350	103	8,688
Currently Unoccupied	85	1,489	17.5	28	9	3	258
Energy Sources (more than one may apply)							
Electricity	4,617	70,181	15.2	10,746	3,559	1,043	82,783
Natural Gas	2,536	48,466	19.1	7,651	2,534	743	58,107
Fuel Oil	463	16,250	35.1	2,830	937	275	20,791
District Heat	67	5,576	83.1	1,040	344	101	6,782
Energy End Uses (more than one may apply)							
Buildings with Space Heating	4,171	66,410	15.9	10,365	3,433	1,006	78,955
Buildings with Cooling	3,823	63,545	16.6	10,402	3,445	1,010	80,010
Buildings with Water Heating	3,657	62,812	17.2	10,202	3,379	990	78,235
Annual Consumption (kilowatthours)							
10,000 or Less	757	2,861	3.8	39	13	4	476
10,001 to 50,000	1,711	9,270	5.4	467	155	45	4,704
50,001 to 100,000	748	6,725	9.0	564	187	55	5,378
100,001 to 500,000	1,061	17,622	16.6	2,453	812	238	20,817
500,001 to 1,000,000	162	7,360	45.5	1,134	376	110	9,067
1,000,001 to 5,000,000	155	15,602	100.4	3,431	1,137	333	23,945
Over 5,000,000	22	10,742	494.1	2,657	880	258	18,396

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 electricity.

Notes: • Site electricity is the amount of electricity delivered to commercial buildings. Primary electricity, which is not included in the "Total of Major Fuels" category, is site electricity plus the conversion losses in the generation, transmission, and distribution processes. • 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.

Table C14A. Electricity Consumption and Expenditure Intensities for All Buildings, 2003

	Electricity Consumption					Electricity Expenditures		
	per Building (thousand kWh)	per Square Foot (kWh)	Distribution of Building-Level Intensities (kWh/square foot)			per Building (thousand dollars)	per Square Foot (dollars)	per kWh (dollars)
			25th Per-centile	Median	75th Per-centile			
All Buildings	226	14.9	3.8	8.8	18.1	17.9	1.18	0.079
Building Floorspace (Square Feet)								
1,001 to 5,000	48	17.8	3.8	9.0	20.0	4.4	1.63	0.092
5,001 to 10,000	96	12.9	4.0	8.2	15.5	9.2	1.23	0.096
10,001 to 25,000	178	11.4	3.1	7.2	15.0	15.2	0.97	0.086
25,001 to 50,000	459	12.8	4.4	9.6	16.9	36.2	1.01	0.079
50,001 to 100,000	1,049	14.9	5.2	11.4	20.7	80.1	1.14	0.076
100,001 to 200,000	2,344	16.9	6.1	15.8	24.3	163.1	1.18	0.070
200,001 to 500,000	4,374	15.2	6.1	13.2	20.6	307.6	1.07	0.070
Over 500,000	17,978	19.2	11.5	18.0	23.4	1366.9	1.46	0.076
Principal Building Activity								
Education	283	11.0	4.9	8.9	13.6	21.1	0.82	0.075
Food Sales	276	49.4	33.4	48.0	77.0	20.9	3.74	0.076
Food Service	213	38.4	18.8	37.4	70.3	17.4	3.13	0.082
Health Care	564	22.9	6.1	12.0	18.4	37.9	1.54	0.067
Inpatient	6,628	27.5	21.8	24.0	35.6	405.3	1.68	0.061
Outpatient	168	16.1	5.8	11.3	16.5	13.9	1.34	0.083
Lodging	483	13.5	6.7	11.9	17.7	37.1	1.04	0.077
Mercantile	327	19.2	6.1	12.7	21.9	28.8	1.69	0.088
Retail (Other Than Mall)	139	14.3	4.3	9.4	18.4	11.6	1.19	0.083
Enclosed and Strip Malls	718	22.3	12.7	18.0	25.4	64.4	2.00	0.090
Office	256	17.3	6.5	11.5	17.6	20.7	1.40	0.081
Public Assembly	179	12.5	2.2	5.1	11.3	14.4	1.00	0.080
Public Order and Safety	237	15.3	4.0	7.9	17.6	17.2	1.12	0.073
Religious Worship	49	4.9	1.9	3.5	6.0	4.4	0.43	0.089
Service	73	11.0	3.0	6.3	11.8	5.8	0.88	0.080
Warehouse and Storage	154	7.6	1.4	3.1	6.2	10.8	0.53	0.070
Other	510	22.5	3.5	7.2	20.3	40.0	1.76	0.078
Vacant	42	2.4	0.4	1.7	3.8	3.9	0.22	0.092
Year Constructed								
Before 1920	83	7.1	1.7	3.9	9.6	7.3	0.62	0.088
1920 to 1945	124	9.4	3.3	7.1	14.1	10.6	0.80	0.085
1946 to 1959	131	10.2	3.1	6.6	14.6	11.2	0.88	0.086
1960 to 1969	178	12.3	3.5	7.9	15.3	14.6	1.00	0.082
1970 to 1979	268	16.7	4.7	10.2	21.7	20.8	1.30	0.078
1980 to 1989	317	18.8	5.1	11.2	21.6	25.0	1.49	0.079
1990 to 1999	284	17.6	5.1	11.1	24.0	21.8	1.35	0.077
2000 to 2003	327	16.9	3.2	8.5	18.4	25.0	1.29	0.076
Census Region and Division								
Northeast	231	12.4	2.5	6.6	15.4	22.7	1.22	0.098
New England	167	12.0	1.8	5.4	14.0	16.8	1.21	0.101
Middle Atlantic	262	12.5	3.0	7.5	17.6	25.6	1.22	0.098
Midwest	191	13.2	3.6	8.1	16.2	12.8	0.88	0.067
East North Central	244	13.8	4.3	8.7	19.2	16.7	0.94	0.068
West North Central	123	12.0	3.0	7.2	13.6	7.8	0.76	0.063
South	258	17.4	4.2	10.0	20.3	18.2	1.22	0.070
South Atlantic	286	18.3	4.4	10.6	20.6	19.9	1.28	0.070
East South Central	177	16.2	3.8	8.9	20.0	11.9	1.09	0.068
West South Central	261	16.3	4.1	10.0	21.3	19.0	1.19	0.073
West	207	14.7	4.1	9.5	16.4	20.6	1.46	0.099
Mountain	224	16.3	4.3	9.2	15.9	17.2	1.25	0.077
Pacific	199	14.0	3.9	9.7	16.7	22.3	1.57	0.112

CONTINUED

Table C14A. Electricity Consumption and Expenditure Intensities for All Buildings, 2003

	Electricity Consumption					Electricity Expenditures		
	per Building (thousand kWh)	per Square Foot (kWh)	Distribution of Building-Level Intensities (kWh/square foot)			per Building (thousand dollars)	per Square Foot (dollars)	per kWh (dollars)
			25th Per-centile	Median	75th Per-centile			
All Buildings	226	14.9	3.8	8.8	18.1	17.9	1.18	0.079
Climate Zone: 30-Year Average								
Under 2,000 CDD and --								
More than 7,000 HDD	164	12.1	2.9	7.6	15.7	12.5	0.93	0.076
5,500-7,000 HDD	215	13.7	3.4	7.9	15.8	16.2	1.03	0.075
4,000-5,499 HDD	282	15.3	4.1	9.3	18.5	23.1	1.25	0.082
Fewer than 4,000 HDD	208	15.3	3.9	8.8	17.1	17.6	1.29	0.085
2,000 CDD or More and --								
Fewer than 4,000 HDD	300	18.5	5.3	13.0	24.0	23.2	1.43	0.077
Number of Establishments								
One	174	14.1	3.7	8.3	18.2	13.5	1.09	0.077
2 to 5	239	14.4	4.5	10.1	16.7	19.1	1.15	0.080
6 to 10	573	20.0	10.1	16.4	23.8	47.6	1.66	0.083
11 to 20	1,358	18.9	14.2	18.5	24.6	116.1	1.62	0.086
More than 20	4,605	20.3	7.0	17.4	23.4	390.3	1.72	0.085
Currently Unoccupied	32	1.8	0.4	1.5	3.4	3.0	0.17	0.096
Energy Sources (more than one may apply)								
Electricity	226	14.9	3.8	8.8	18.1	17.9	1.18	0.079
Natural Gas	293	15.3	4.5	9.5	19.1	22.9	1.20	0.078
Fuel Oil	593	16.9	2.3	5.8	15.2	44.9	1.28	0.076
District Heat	1,504	18.1	6.4	12.6	20.7	101.1	1.22	0.067
Energy End Uses (more than one may apply)								
Buildings with Space Heating	241	15.2	4.3	9.2	18.5	18.9	1.19	0.078
Buildings with Cooling	264	15.9	5.1	10.5	20.0	20.9	1.26	0.079
Buildings with Water Heating	271	15.8	4.8	10.2	19.9	21.4	1.25	0.079
Annual Consumption (kilowatthours)								
10,000 or Less	5	1.3	1.0	1.9	3.2	0.6	0.17	0.124
10,001 to 50,000	26	4.9	3.8	6.9	11.7	2.7	0.51	0.104
50,001 to 100,000	73	8.1	6.6	11.6	21.8	7.2	0.80	0.098
100,001 to 500,000	224	13.5	10.7	18.9	36.5	19.6	1.18	0.087
500,001 to 1,000,000	680	15.0	12.5	17.7	30.0	56.0	1.23	0.082
1,000,001 to 5,000,000	2,144	21.4	16.6	24.0	36.1	154.1	1.53	0.072
Over 5,000,000	11,864	24.0	19.8	27.3	35.7	846.2	1.71	0.071

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.

Table C15A. Electricity Consumption and Conditional Energy Intensity by Census Region for All Buildings, 2003

	Total Electricity Consumption (billion kWh)				Total Floorspace of Buildings Using Electricity (million square feet)				Electricity Energy Intensity (kWh/square foot)			
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West
All Buildings	172	234	452	185	13,899	17,725	26,017	12,541	12.4	13.2	17.4	14.7
Building Floorspace (Square Feet)												
1,001 to 5,000	14	30	52	19	1,031	1,742	2,410	1,296	13.5	17.4	21.5	14.6
5,001 to 10,000	11	17	37	21	1,128	1,558	2,640	1,319	9.8	10.8	14.0	15.8
10,001 to 25,000	22	33	59	28	2,094	3,317	4,746	2,338	10.4	10.0	12.5	12.1
25,001 to 50,000	14	33	48	21	1,388	2,628	3,318	1,764	9.8	12.6	14.6	12.1
50,001 to 100,000	29	32	68	24	2,272	2,376	4,059	1,558	12.6	13.5	16.8	15.7
100,001 to 200,000	28	37	84	22	2,238	2,475	4,105	1,353	12.4	15.1	20.5	16.6
200,001 to 500,000	24	29	42	17	1,781	2,288	2,104	1,196	13.3	12.9	20.0	14.0
Over 500,000	32	22	61	32	1,967	1,341	2,635	1,717	16.1	16.4	23.2	18.7
Principal Building Activity												
Education	13	20	58	17	1,683	2,539	3,983	1,667	7.8	8.1	14.6	10.2
Food Sales	Q	16	24	Q	Q	305	484	Q	Q	52.5	50.5	Q
Food Service	Q	14	37	8	Q	453	764	265	Q	29.9	48.3	31.9
Health Care	10	18	31	12	535	798	1,277	553	19.4	23.2	24.5	22.5
Inpatient	8	12	26	7	358	438	838	270	23.2	26.4	30.5	25.3
Outpatient	Q	7	6	6	Q	359	438	283	Q	19.2	13.0	19.8
Lodging	9	15	29	16	1,171	1,144	1,694	1,087	Q	13.0	17.2	14.7
Mercantile	30	31	107	47	1,720	1,904	5,094	2,473	17.6	16.2	21.0	19.0
Retail (Other Than Mall)	6	12	29	14	630	880	1,844	963	8.8	14.2	16.0	14.8
Enclosed and Strip Malls	25	18	77	33	1,090	1,024	3,251	1,511	22.6	18.0	23.8	21.7
Office	50	53	71	36	3,012	2,989	3,782	2,425	16.5	17.9	18.8	15.0
Public Assembly	6	11	21	11	1,048	1,012	1,174	701	Q	10.7	17.8	16.0
Public Order and Safety	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Religious Worship	2	5	10	2	627	1,115	1,498	515	2.8	4.1	6.7	3.6
Service	5	14	18	7	731	1,259	1,335	657	6.9	10.8	13.2	11.4
Warehouse and Storage	9	27	25	11	1,467	2,849	3,623	1,486	5.9	9.6	6.9	7.3
Other	15	5	Q	Q	649	306	Q	Q	23.3	16.7	Q	Q
Vacant	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Year Constructed												
Before 1920	11	8	6	Q	1,395	1,535	522	Q	7.7	5.4	10.7	Q
1920 to 1945	19	23	12	9	2,546	1,954	1,266	942	7.4	11.8	9.7	9.4
1946 to 1959	18	18	24	12	2,139	2,071	1,823	1,022	8.4	8.9	13.0	12.1
1960 to 1969	24	25	37	19	1,858	2,428	2,655	1,656	13.0	10.5	13.9	11.3
1970 to 1979	31	53	78	39	1,916	3,543	4,198	2,401	16.4	15.0	18.6	16.3
1980 to 1989	31	39	116	46	1,675	2,187	5,702	2,726	18.4	17.8	20.3	16.8
1990 to 1999	23	47	128	42	1,530	2,781	7,067	2,322	15.0	17.0	18.2	18.3
2000 to 2003	16	19	51	16	841	1,227	2,783	1,177	18.4	15.8	18.4	13.3
Climate Zone: 30-Year Average												
Under 2,000 CDD and --												
More than 7,000 HDD	26	68	N	43	2,515	5,783	N	3,002	10.3	11.8	N	14.3
5,500-7,000 HDD	73	147	N	35	5,958	10,372	N	2,219	12.2	14.1	N	15.8
4,000-5,499 HDD	73	20	86	10	5,425	1,570	4,661	718	13.5	12.5	18.4	14.5
Fewer than 4,000 HDD	N	N	183	78	N	N	11,153	5,911	N	N	16.4	13.1
2,000 CDD or More and --												
Fewer than 4,000 HDD	N	N	183	19	N	N	10,203	692	N	N	17.9	27.4

CONTINUED

Table C15A. Electricity Consumption and Conditional Energy Intensity by Census Region for All Buildings, 2003

	Total Electricity Consumption (billion kWh)				Total Floorspace of Buildings Using Electricity (million square feet)				Electricity Energy Intensity (kWh/square foot)			
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West
All Buildings	172	234	452	185	13,899	17,725	26,017	12,541	12.4	13.2	17.4	14.7
Number of Establishments												
One	92	162	265	108	7,996	12,134	16,569	7,679	11.4	13.4	16.0	14.1
2 to 5	35	41	74	30	2,802	3,116	4,468	2,140	12.4	13.2	16.6	14.2
6 to 10	14	11	31	11	792	730	1,212	624	17.7	15.0	25.6	18.1
11 to 20	10	11	32	11	884	552	1,342	591	11.2	19.7	23.7	18.7
More than 20	21	Q	49	24	1,118	Q	2,094	1,396	18.9	Q	23.5	17.2
Currently Unoccupied	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Energy Sources (more than one may apply)												
Electricity	172	234	452	185	13,899	17,725	26,017	12,541	12.4	13.2	17.4	14.7
Natural Gas	136	189	286	131	10,162	14,143	15,254	8,907	13.4	13.4	18.8	14.7
Fuel Oil	79	52	98	46	6,464	2,894	4,663	2,230	12.2	17.9	21.0	20.6
District Heat	25	28	38	10	1,496	1,648	1,766	667	16.8	17.2	21.3	14.8
Energy End Uses (more than one may apply)												
Buildings with Space Heating	171	233	432	171	13,675	17,327	23,991	11,417	12.5	13.4	18.0	15.0
Buildings with Cooling	165	220	448	177	12,016	15,459	24,723	11,347	13.7	14.2	18.1	15.6
Buildings with Water Heating	168	217	429	176	12,875	15,850	22,859	11,227	13.0	13.7	18.8	15.7
Annual Consumption (kilowatthours)												
10,000 or Less	1	1	1	1	752	929	729	451	1.1	1.1	1.7	1.8
10,001 to 50,000	7	13	17	9	1,811	2,288	3,405	1,767	3.6	5.5	5.0	5.1
50,001 to 100,000	10	12	23	10	1,575	1,555	2,571	1,025	6.2	7.8	8.9	9.8
100,001 to 500,000	30	64	95	49	3,118	5,105	5,976	3,423	9.7	12.5	15.9	14.4
500,001 to 1,000,000	16	23	55	16	1,435	1,874	3,064	987	11.2	12.3	17.8	16.6
1,000,001 to 5,000,000	53	77	149	54	2,827	3,897	6,043	2,835	18.8	19.7	24.6	19.2
Over 5,000,000	56	45	112	45	2,381	2,078	4,229	2,054	23.3	21.5	26.6	22.0

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.

Table C16A. Electricity Expenditures by Census Region for All Buildings, 2003

	Total Electricity Expenditures (million dollars)				Electricity Expenditures (dollars)							
					per kWh				per Square Foot			
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West
All Buildings	16,907	15,677	31,849	18,350	0.10	0.07	0.07	0.10	1.22	0.88	1.22	1.46
Building Floorspace (Square Feet)												
1,001 to 5,000	1,685	2,415	4,257	2,190	0.12	0.08	0.08	0.12	1.63	1.39	1.77	1.69
5,001 to 10,000	1,364	1,347	3,064	2,424	0.12	0.08	0.08	0.12	1.21	0.86	1.16	1.84
10,001 to 25,000	2,126	2,539	4,651	2,856	0.10	0.08	0.08	0.10	1.02	0.77	0.98	1.22
25,001 to 50,000	1,414	2,202	3,480	2,084	0.10	0.07	0.07	0.10	1.02	0.84	1.05	1.18
50,001 to 100,000	2,744	1,996	4,585	2,368	0.10	0.06	0.07	0.10	1.21	0.84	1.13	1.52
100,001 to 200,000	2,640	2,261	5,238	1,823	0.10	0.06	0.06	0.08	1.18	0.91	1.28	1.35
200,001 to 500,000	1,985	1,631	2,655	1,592	0.08	0.06	0.06	0.10	1.11	0.71	1.26	1.33
Over 500,000	2,950	1,286	3,919	3,013	0.09	0.06	0.06	0.09	1.50	0.96	1.49	1.75
Principal Building Activity												
Education	1,273	1,388	3,940	1,510	0.10	0.07	0.07	0.09	0.76	0.55	0.99	0.91
Food Sales	Q	1,069	1,741	Q	Q	0.07	0.07	Q	Q	3.51	3.60	Q
Food Service	Q	1,017	2,637	976	Q	0.08	0.07	0.12	Q	2.24	3.45	3.69
Health Care	871	1,057	1,822	1,131	0.08	0.06	0.06	0.09	1.63	1.32	1.43	2.04
Inpatient	631	606	1,387	574	0.08	0.05	0.05	0.08	1.76	1.38	1.65	2.12
Outpatient	Q	451	436	558	Q	0.07	0.08	0.10	Q	1.25	0.99	1.97
Lodging	882	953	1,910	1,543	0.10	0.06	0.07	0.10	Q	0.83	1.13	1.42
Mercantile	3,294	2,382	8,507	4,700	0.11	0.08	0.08	0.10	1.92	1.25	1.67	1.90
Retail (Other Than Mall)	650	877	2,198	1,408	0.12	0.07	0.07	0.10	1.03	1.00	1.19	1.46
Enclosed and Strip Malls	2,645	1,505	6,309	3,292	0.11	0.08	0.08	0.10	2.43	1.47	1.94	2.18
Office	4,890	3,556	4,788	3,816	0.10	0.07	0.07	0.10	1.62	1.19	1.27	1.57
Public Assembly	628	731	1,370	Q	0.10	0.07	0.07	0.11	Q	0.72	1.17	Q
Public Order and Safety	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Religious Worship	183	369	869	207	0.11	0.08	0.09	0.11	0.29	0.33	0.58	0.40
Service	580	961	1,266	679	0.11	0.07	Q	0.09	0.79	0.76	0.95	1.03
Warehouse and Storage	763	1,522	1,736	1,013	0.09	0.06	0.07	0.09	0.52	0.53	0.48	0.68
Other	1,333	330	Q	Q	0.09	0.06	Q	Q	2.05	1.08	Q	Q
Vacant	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Year Constructed												
Before 1920	998	669	429	Q	0.09	0.08	0.08	Q	0.72	0.44	0.82	Q
1920 to 1945	1,982	1,403	940	1,039	0.11	0.06	0.08	0.12	0.78	0.72	0.74	1.10
1946 to 1959	1,898	1,335	1,707	1,244	0.11	0.07	0.07	0.10	0.89	0.64	0.94	1.22
1960 to 1969	2,311	1,739	2,679	1,896	0.10	0.07	0.07	0.10	1.24	0.72	1.01	1.15
1970 to 1979	3,093	3,488	5,491	3,608	0.10	0.07	0.07	0.09	1.61	0.98	1.31	1.50
1980 to 1989	3,035	2,712	7,961	4,551	0.10	0.07	0.07	0.10	1.81	1.24	1.40	1.67
1990 to 1999	2,207	3,094	8,913	4,347	0.10	0.07	0.07	0.10	1.44	1.11	1.26	1.87
2000 to 2003	1,384	1,237	3,729	1,423	0.09	0.06	0.07	0.09	1.65	1.01	1.34	1.21
Climate Zone: 30-Year Average												
Under 2,000 CDD and --												
More than 7,000 HDD	2,810	4,581	N	3,088	0.11	0.07	N	0.07	1.12	0.79	N	1.03
5,500-7,000 HDD	6,833	9,892	N	2,456	0.09	0.07	N	0.07	1.15	0.95	N	1.11
4,000-5,499 HDD	7,264	1,204	5,957	Q	0.10	0.06	0.07	0.10	1.34	0.77	1.28	1.41
Fewer than 4,000 HDD	N	N	11,927	10,128	N	N	0.07	0.13	N	N	1.07	1.71
2,000 CDD or More and --												
Fewer than 4,000 HDD	N	N	13,965	1,664	N	N	0.08	0.09	N	N	1.37	2.41
Number of Establishments												
One	8,786	10,689	18,435	10,467	0.10	0.07	0.07	0.10	1.10	0.88	1.11	1.36
2 to 5	3,412	2,763	5,046	3,204	0.10	0.07	0.07	0.11	1.22	0.89	1.13	1.50
6 to 10	1,414	769	2,370	1,034	0.10	0.07	0.08	0.09	1.79	1.05	1.96	1.66
11 to 20	1,011	799	2,371	1,268	0.10	0.07	0.07	0.11	1.14	1.45	1.77	2.14
More than 20	2,203	Q	3,577	2,337	0.10	Q	0.07	0.10	1.97	Q	1.71	1.67
Currently Unoccupied	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q

Table C16A. Electricity Expenditures by Census Region for All Buildings, 2003

	Total Electricity Expenditures (million dollars)				Electricity Expenditures (dollars)							
					per kWh				per Square Foot			
	North- east	Mid- west	South	West	North- east	Mid- west	South	West	North- east	Mid- west	South	West
All Buildings	16,907	15,677	31,849	18,350	0.10	0.07	0.07	0.10	1.22	0.88	1.22	1.46
Energy Sources (more than one may apply)												
Electricity	16,907	15,677	31,849	18,350	0.10	0.07	0.07	0.10	1.22	0.88	1.22	1.46
Natural Gas	13,187	12,883	19,412	12,625	0.10	0.07	0.07	0.10	1.30	0.91	1.27	1.42
Fuel Oil	7,475	2,985	6,263	4,068	0.09	0.06	0.06	0.09	1.16	1.03	1.34	1.82
District Heat	2,394	1,400	2,141	847	0.10	0.05	0.06	0.09	1.60	0.85	1.21	1.27
Energy End Uses (more than one may apply)												
Buildings with Space Heating	16,774	15,534	30,193	16,454	0.10	0.07	0.07	0.10	1.23	0.90	1.26	1.44
Buildings with Cooling	16,092	14,902	31,498	17,519	0.10	0.07	0.07	0.10	1.34	0.96	1.27	1.54
Buildings with Water Heating	16,428	14,707	29,773	17,326	0.10	0.07	0.07	0.10	1.28	0.93	1.30	1.54
Annual Consumption (kilowatthours)												
10,000 or Less	111	109	144	113	0.14	0.11	0.12	0.14	0.15	0.12	0.20	0.25
10,001 to 50,000	885	1,120	1,630	1,068	0.13	0.09	0.09	0.12	0.49	0.49	0.48	0.60
50,001 to 100,000	1,194	970	2,015	1,199	0.12	0.08	0.09	0.12	0.76	0.62	0.78	1.17
100,001 to 500,000	3,450	4,914	7,474	4,980	0.11	0.08	0.08	0.10	1.11	0.96	1.25	1.45
500,001 to 1,000,000	1,608	1,574	4,050	1,835	0.10	0.07	0.07	0.11	1.12	0.84	1.32	1.86
1,000,001 to 5,000,000	4,757	4,579	9,624	4,984	0.09	0.06	0.06	0.09	1.68	1.18	1.59	1.76
Over 5,000,000	4,902	2,411	6,912	4,172	0.09	0.05	0.06	0.09	2.06	1.16	1.63	2.03

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.

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
All Buildings	41	131	168	3,430	10,469	12,202	12.0	12.5	13.8
Building Floorspace (Square Feet)									
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
Principal Building Activity									
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
Year Constructed									
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
Climate Zone: 30-Year Average									
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

CONTINUED

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
All Buildings	41	131	168	3,430	10,469	12,202	12.0	12.5	13.8
Number of Establishments									
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
Energy Sources (more than one may apply)									
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
Energy End Uses (more than one may apply)									
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
Annual Consumption (kilowatthours)									
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.

Table C18A. Electricity Consumption and Conditional Energy Intensity by Census Division for All Buildings, 2003: Part 2

	Total Electricity Consumption (billion kWh)			Total Floorspace of Buildings Using Electricity (million square feet)			Electricity Energy Intensity (kWh/square foot)		
	West North Central	South Atlantic	East South Central	West North Central	South Atlantic	East South Central	West North Central	South Atlantic	East South Central
All Buildings	66	254	57	5,523	13,837	3,546	12.0	18.3	16.2
Building Floorspace (Square Feet)									
1,001 to 5,000	10	28	7	821	1,233	481	12.4	22.4	15.4
5,001 to 10,000	7	20	5	681	1,389	386	10.8	14.4	13.3
10,001 to 25,000	9	31	12	1,204	2,411	842	7.8	12.8	14.1
25,001 to 50,000	15	29	6	949	1,867	490	16.1	15.5	11.7
50,001 to 100,000	9	35	13	664	1,797	749	13.1	19.2	17.0
100,001 to 200,000	8	50	Q	614	2,422	Q	12.3	20.6	Q
200,001 to 500,000	Q	23	Q	Q	1,148	Q	Q	20.4	Q
Over 500,000	Q	38	Q	Q	1,572	Q	Q	24.3	Q
Principal Building Activity									
Education	5	39	Q	549	2,445	Q	8.8	16.0	Q
Food Sales	Q	Q	Q	Q	Q	Q	Q	Q	Q
Food Service	Q	20	Q	Q	433	Q	Q	45.7	Q
Health Care	5	17	5	247	749	219	20.8	23.4	24.2
Inpatient	Q	15	Q	Q	469	Q	Q	31.3	Q
Outpatient	Q	3	Q	Q	280	Q	Q	10.1	Q
Lodging	7	17	Q	595	939	Q	11.3	18.0	Q
Mercantile	9	59	12	531	2,638	678	17.8	22.4	17.1
Retail (Other Than Mall)	6	16	4	337	897	353	17.3	17.7	11.9
Enclosed and Strip Malls	Q	43	Q	Q	1,741	Q	Q	24.9	Q
Office	12	35	9	799	1,958	481	14.9	18.0	18.8
Public Assembly	Q	9	Q	Q	440	Q	Q	20.4	Q
Public Order and Safety	Q	Q	Q	Q	Q	Q	Q	Q	Q
Religious Worship	2	5	Q	395	721	Q	3.9	6.4	Q
Service	4	Q	Q	484	753	Q	9.0	16.9	Q
Warehouse and Storage	6	16	Q	918	1,733	Q	6.9	9.1	Q
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q
Vacant	Q	Q	Q	Q	Q	Q	Q	Q	Q
Year Constructed									
Before 1920	3	Q	Q	541	Q	Q	4.8	8.9	Q
1920 to 1945	4	6	Q	459	647	Q	9.6	8.5	Q
1946 to 1959	4	16	Q	561	1,090	237	7.7	14.7	12.3
1960 to 1969	9	22	7	861	1,488	470	10.2	14.5	14.1
1970 to 1979	16	34	13	1,117	1,631	869	14.5	21.0	15.5
1980 to 1989	9	61	13	518	2,994	532	16.6	20.5	23.8
1990 to 1999	16	81	12	1,062	4,202	770	14.6	19.3	15.5
2000 to 2003	6	30	Q	403	1,446	Q	14.0	21.1	Q
Climate Zone: 30-Year Average									
Under 2,000 CDD and --									
More than 7,000 HDD	33	N	N	2,616	N	N	12.7	N	N
5,500-7,000 HDD	13	N	N	Q	N	N	9.9	N	N
4,000-5,499 HDD	20	57	Q	1,570	3,063	Q	12.5	18.8	19.7
Fewer than 4,000 HDD	N	124	Q	N	6,997	Q	N	17.7	13.5
2,000 CDD or More and --									
Fewer than 4,000 HDD	N	73	Q	N	3,778	Q	N	19.2	19.6

CONTINUED

Table C18A. Electricity Consumption and Conditional Energy Intensity by Census Division for All Buildings, 2003: Part 2

	Total Electricity Consumption (billion kWh)			Total Floorspace of Buildings Using Electricity (million square feet)			Electricity Energy Intensity (kWh/square foot)		
	West North Central	South Atlantic	East South Central	West North Central	South Atlantic	East South Central	West North Central	South Atlantic	East South Central
All Buildings	66	254	57	5,523	13,837	3,546	12.0	18.3	16.2
Number of Establishments									
One	45	151	37	3,936	8,797	2,587	11.5	17.2	14.5
2 to 5	13	43	9	1,020	2,448	471	12.6	17.7	19.8
6 to 10	Q	19	Q	Q	759	Q	Q	25.7	Q
11 to 20	Q	16	Q	Q	684	Q	Q	22.7	Q
More than 20	Q	24	Q	Q	965	Q	Q	24.4	Q
Currently Unoccupied	Q	Q	Q	Q	Q	Q	Q	Q	Q
Energy Sources (more than one may apply)									
Electricity	66	254	57	5,523	13,837	3,546	12.0	18.3	16.2
Natural Gas	50	146	41	3,788	7,286	2,521	13.1	20.0	16.3
Fuel Oil	16	60	8	1,037	2,961	341	15.1	20.1	22.9
District Heat	Q	29	Q	Q	1,243	Q	Q	23.1	Q
Energy End Uses (more than one may apply)									
Buildings with Space Heating	66	239	56	5,301	12,585	3,382	12.4	19.0	16.7
Buildings with Cooling	64	252	57	4,888	13,186	3,311	13.1	19.1	17.1
Buildings with Water Heating	63	242	55	4,915	12,315	3,164	12.8	19.7	17.4
Annual Consumption (kilowatthours)									
10,000 or Less	1	1	Q	430	302	Q	1.2	2.0	Q
10,001 to 50,000	6	8	3	1,004	1,694	555	5.9	4.8	5.9
50,001 to 100,000	5	13	4	595	1,354	376	8.6	9.2	10.8
100,001 to 500,000	20	48	15	1,542	2,984	968	13.2	16.0	15.3
500,001 to 1,000,000	7	32	Q	687	1,602	Q	10.8	20.2	Q
1,000,001 to 5,000,000	21	81	20	1,004	3,361	737	21.1	24.2	26.5
Over 5,000,000	Q	71	7	Q	2,540	268	Q	27.9	27.5

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.

Table C19A. Electricity Consumption and Conditional Energy Intensity by Census Division for All Buildings, 2003: Part 3

	Total Electricity Consumption (billion kWh)			Total Floorspace of Buildings Using Electricity (million square feet)			Electricity Energy Intensity (kWh/square foot)		
	West South Central	Mountain	Pacific	West South Central	Mountain	Pacific	West South Central	Mountain	Pacific
All Buildings	141	68	117	8,634	4,165	8,376	16.3	16.3	14.0
Building Floorspace (Square Feet)									
1,001 to 5,000	17	7	12	696	439	857	24.1	15.7	14.0
5,001 to 10,000	12	5	15	865	451	868	13.8	12.1	17.7
10,001 to 25,000	16	12	16	1,493	933	1,405	11.0	13.0	11.5
25,001 to 50,000	14	8	13	962	568	1,195	14.2	13.9	11.2
50,001 to 100,000	21	8	16	1,514	492	1,066	13.7	16.7	15.3
100,001 to 200,000	27	Q	16	1,391	Q	1,007	19.6	Q	15.6
200,001 to 500,000	14	5	12	744	Q	858	18.3	14.3	13.9
Over 500,000	21	Q	16	Q	Q	1,119	21.2	Q	14.5
Principal Building Activity									
Education	15	6	11	1,198	640	1,027	12.8	9.4	10.7
Food Sales	Q	Q	Q	Q	Q	Q	Q	Q	Q
Food Service	Q	Q	7	Q	Q	232	Q	Q	31.8
Health Care	8	6	6	309	230	323	27.5	25.8	20.1
Inpatient	7	Q	Q	235	Q	Q	29.7	Q	Q
Outpatient	Q	Q	Q	Q	Q	Q	Q	Q	Q
Lodging	Q	Q	8	Q	438	649	Q	Q	11.9
Mercantile	36	16	31	1,778	742	1,732	20.2	21.9	17.8
Retail (Other Than Mall)	9	Q	10	594	Q	753	15.8	Q	13.4
Enclosed and Strip Malls	27	Q	21	1,185	Q	979	22.4	Q	21.1
Office	27	10	26	1,343	629	1,796	19.9	16.3	14.6
Public Assembly	Q	Q	Q	Q	Q	464	Q	Q	Q
Public Order and Safety	Q	Q	Q	Q	Q	Q	Q	Q	Q
Religious Worship	4	Q	Q	467	Q	Q	8.1	Q	Q
Service	Q	Q	3	Q	Q	319	Q	Q	8.0
Warehouse and Storage	7	Q	6	1,581	Q	1,000	4.3	Q	5.9
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q
Vacant	Q	Q	Q	Q	Q	Q	Q	Q	Q
Year Constructed									
Before 1920	Q	Q	Q	Q	Q	Q	Q	Q	Q
1920 to 1945	Q	Q	7	Q	Q	804	Q	Q	9.3
1946 to 1959	5	3	9	495	255	767	9.4	13.4	11.6
1960 to 1969	9	8	11	697	615	1,040	12.6	12.8	10.5
1970 to 1979	30	20	19	1,698	1,135	1,266	17.9	17.7	15.0
1980 to 1989	42	15	31	2,176	731	1,994	19.1	20.2	15.6
1990 to 1999	35	12	30	2,095	683	1,638	16.8	18.3	18.3
2000 to 2003	15	7	8	990	474	703	14.8	15.1	12.0
Climate Zone: 30-Year Average									
Under 2,000 CDD and --									
More than 7,000 HDD	N	34	Q	N	2,420	Q	N	14.0	15.7
5,500-7,000 HDD	N	Q	Q	N	1,166	Q	N	15.8	15.8
4,000-5,499 HDD	Q	N	10	Q	N	718	Q	N	14.5
Fewer than 4,000 HDD	33	N	78	2,153	N	5,911	15.1	N	13.1
2,000 CDD or More and --									
Fewer than 4,000 HDD	103	16	Q	6,026	580	Q	17.0	27.2	Q

CONTINUED

Table C19A. Electricity Consumption and Conditional Energy Intensity by Census Division for All Buildings, 2003: Part 3

	Total Electricity Consumption (billion kWh)			Total Floorspace of Buildings Using Electricity (million square feet)			Electricity Energy Intensity (kWh/square foot)		
	West South Central	Mountain	Pacific	West South Central	Mountain	Pacific	West South Central	Mountain	Pacific
All Buildings	141	68	117	8,634	4,165	8,376	16.3	16.3	14.0
Number of Establishments									
One	76	42	66	5,186	2,767	4,912	14.7	15.0	13.5
2 to 5	22	9	21	1,550	580	1,560	14.0	15.3	13.7
6 to 10	Q	Q	6	Q	Q	367	Q	Q	15.3
11 to 20	10	Q	7	412	Q	414	25.0	Q	17.4
More than 20	23	Q	16	992	Q	1,023	23.0	Q	15.7
Currently Unoccupied	Q	Q	Q	Q	Q	Q	Q	Q	Q
Energy Sources (more than one may apply)									
Electricity	141	68	117	8,634	4,165	8,376	16.3	16.3	14.0
Natural Gas	99	54	77	5,448	3,263	5,644	18.2	16.6	13.6
Fuel Oil	31	Q	29	1,361	655	1,575	22.5	26.4	18.2
District Heat	Q	Q	6	Q	Q	413	Q	Q	14.1
Energy End Uses (more than one may apply)									
Buildings with Space Heating	136	64	106	8,024	4,013	7,404	17.0	16.0	14.4
Buildings with Cooling	139	65	112	8,226	3,756	7,591	16.9	17.4	14.8
Buildings with Water Heating	132	67	110	7,380	3,935	7,292	17.9	16.9	15.0
Annual Consumption (kilowatthours)									
10,000 or Less	Q	Q	1	Q	Q	292	Q	Q	1.8
10,001 to 50,000	6	3	6	1,156	565	1,201	5.0	5.4	4.9
50,001 to 100,000	6	3	7	840	323	701	7.6	9.5	9.9
100,001 to 500,000	32	18	31	2,024	1,255	2,168	15.9	14.6	14.2
500,001 to 1,000,000	14	Q	10	1,019	Q	685	14.0	Q	15.3
1,000,001 to 5,000,000	48	17	37	1,945	835	2,000	24.5	20.4	18.7
Over 5,000,000	34	Q	25	1,421	Q	1,329	24.0	28.0	18.7

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.

Table C20A. Electricity Consumption and Conditional Energy Intensity by Climate Zone^a for All Buildings, 2003

	Total Electricity Consumption (billion kWh)					Total Floorspace of Buildings Using Electricity (million square feet)					Electricity Energy Intensity (kWh/square foot)				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
All Buildings	137	254	189	261	202	11,300	18,549	12,374	17,064	10,894	12.1	13.7	15.3	15.3	18.5
Building Floorspace (Square Feet)															
1,001 to 5,000	19	27	14	32	23	1,210	1,631	923	1,811	903	15.7	16.4	15.0	17.8	25.8
5,001 to 10,000	12	18	15	27	14	1,175	1,639	1,062	1,855	914	10.2	10.9	14.3	14.3	15.5
10,001 to 25,000	22	36	24	31	29	2,354	3,506	1,479	3,133	2,022	9.2	10.4	16.2	9.8	14.5
25,001 to 50,000	19	26	17	30	24	1,547	2,341	1,382	2,303	1,525	12.3	11.1	12.5	13.1	15.7
50,001 to 100,000	19	39	29	36	29	1,480	2,780	2,011	2,326	1,668	12.8	14.2	14.5	15.6	17.6
100,001 to 200,000	18	46	26	49	32	1,311	2,878	1,872	2,570	1,538	13.6	15.9	14.1	19.3	21.1
200,001 to 500,000	14	28	22	27	21	1,150	2,007	1,678	1,493	1,042	12.5	13.8	13.2	17.8	20.1
Over 500,000	14	34	41	29	29	1,073	1,766	1,966	1,573	1,282	13.4	19.5	20.7	18.2	22.4
Principal Building Activity															
Education	13	23	16	31	27	1,537	2,800	1,401	2,435	1,698	8.2	8.0	11.1	12.7	16.0
Food Sales	12	Q	Q	Q	Q	271	Q	Q	Q	Q	43.0	Q	Q	Q	Q
Food Service	7	12	Q	20	17	227	400	Q	440	366	29.3	30.6	Q	45.7	46.3
Health Care	10	18	11	20	14	475	784	564	844	496	20.6	23.3	19.2	23.7	27.6
Inpatient	6	12	8	17	9	262	450	323	592	278	23.7	27.7	23.3	28.2	34.0
Outpatient	4	6	3	3	Q	213	334	240	252	Q	16.7	17.4	13.7	13.4	Q
Lodging	8	21	12	18	10	768	1,314	1,132	1,275	608	10.1	15.9	Q	14.0	16.7
Mercantile	28	40	33	58	56	1,617	2,337	1,694	3,346	2,197	17.0	17.2	19.4	17.3	25.6
Retail (Other Than Mall)	10	10	10	16	15	710	865	695	1,454	592	14.2	11.0	14.8	11.3	25.9
Enclosed and Strip Malls	17	31	23	41	41	907	1,473	999	1,892	1,604	19.2	20.8	22.7	21.9	25.5
Office	22	58	53	39	38	1,593	3,165	3,125	2,341	1,985	13.9	18.2	17.1	16.8	19.2
Public Assembly	8	8	6	18	9	876	818	806	906	529	9.1	9.5	Q	19.7	17.0
Public Order and Safety	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Religious Worship	1	5	2	5	5	408	1,320	499	1,039	488	3.0	3.5	4.9	4.8	10.1
Service	10	11	Q	7	Q	911	1,179	639	946	Q	10.6	9.6	Q	7.6	Q
Warehouse and Storage	11	24	11	16	9	1,564	2,539	1,426	2,186	1,710	7.0	9.6	7.9	7.5	5.0
Other	Q	11	Q	Q	Q	Q	467	Q	Q	Q	Q	24.6	Q	Q	Q
Vacant	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Year Constructed															
Before 1920	6	8	Q	2	Q	1,212	1,393	731	286	Q	5.2	5.6	Q	8.7	Q
1920 to 1945	8	24	17	9	Q	1,071	2,125	1,949	1,190	Q	7.8	11.1	8.6	7.7	Q
1946 to 1959	9	24	15	18	6	1,070	2,499	1,427	1,529	530	8.8	9.4	10.3	12.1	11.4
1960 to 1969	16	29	21	21	18	1,447	2,576	1,571	1,958	1,046	11.3	11.3	13.4	10.9	16.8
1970 to 1979	38	51	39	40	34	2,496	3,259	1,939	2,689	1,676	15.4	15.6	20.0	14.8	20.3
1980 to 1989	15	55	40	72	50	1,095	2,790	2,101	3,786	2,517	13.9	19.6	19.1	18.9	19.8
1990 to 1999	31	43	31	74	61	2,032	2,620	1,722	4,115	3,209	15.4	16.6	18.3	17.9	19.1
2000 to 2003	12	21	18	24	27	876	1,288	935	1,510	1,420	13.3	16.6	19.4	15.9	18.7
Census Region and Division															
Northeast	26	73	73	N	N	2,515	5,958	5,425	N	N	10.3	12.2	13.5	N	N
New England	7	34	N	N	N	Q	2,463	N	N	N	7.4	13.9	N	N	N
Middle Atlantic	Q	39	73	N	N	1,549	3,495	5,425	N	N	12.1	11.1	13.5	N	N
Midwest	68	147	20	N	N	5,783	10,372	1,570	N	N	11.8	14.1	12.5	N	N
East North Central	35	133	N	N	N	3,167	9,036	N	N	N	11.0	14.8	N	N	N
West North Central	33	13	20	N	N	2,616	Q	1,570	N	N	12.7	9.9	12.5	N	N
South	N	N	86	183	183	N	N	4,661	11,153	10,203	N	N	18.4	16.4	17.9
South Atlantic	N	N	57	124	73	N	N	3,063	6,997	3,778	N	N	18.8	17.7	19.2
East South Central	N	N	Q	Q	Q	N	N	Q	Q	Q	N	N	19.7	13.5	19.6
West South Central	N	N	Q	33	103	N	N	Q	2,153	6,026	N	N	Q	15.1	17.0
West	43	35	10	78	19	3,002	2,219	718	5,911	692	14.3	15.8	14.5	13.1	27.4
Mountain	34	Q	N	N	16	2,420	1,166	N	N	580	14.0	15.8	N	N	27.2
Pacific	Q	Q	10	78	Q	Q	Q	718	5,911	Q	15.7	15.8	14.5	13.1	Q

CONTINUED

Table C20A. Electricity Consumption and Conditional Energy Intensity by Climate Zone^a for All Buildings, 2003

	Total Electricity Consumption (billion kWh)					Total Floorspace of Buildings Using Electricity (million square feet)					Electricity Energy Intensity (kWh/square foot)				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
All Buildings	137	254	189	261	202	11,300	18,549	12,374	17,064	10,894	12.1	13.7	15.3	15.3	18.5
Number of Establishments															
One	83	169	111	161	103	6,955	12,392	7,648	11,322	6,061	12.0	13.6	14.5	14.2	16.9
2 to 5	31	41	31	51	26	2,512	3,217	2,021	3,008	1,768	12.3	12.9	15.3	17.0	14.8
6 to 10	9	16	10	11	20	584	867	530	586	791	15.3	18.7	19.7	19.4	25.7
11 to 20	Q	15	13	14	18	Q	747	793	694	723	Q	20.4	16.0	20.8	24.3
More than 20	Q	Q	23	23	35	Q	Q	1,227	1,236	1,417	Q	Q	18.8	18.5	24.7
Currently Unoccupied	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Energy Sources (more than one may apply)															
Electricity	137	254	189	261	202	11,300	18,549	12,374	17,064	10,894	12.1	13.7	15.3	15.3	18.5
Natural Gas	111	201	138	183	110	8,484	14,122	8,970	11,796	5,093	13.0	14.2	15.4	15.5	21.6
Fuel Oil	33	70	77	50	45	2,624	4,270	4,950	2,528	1,878	12.7	16.4	15.5	19.6	24.1
District Heat	11	34	23	23	Q	825	1,917	1,349	1,025	Q	13.3	17.9	17.0	22.0	Q
Energy End Uses (more than one may apply)															
Buildings with Space Heating	136	252	188	249	181	10,986	18,166	12,233	15,705	9,320	12.4	13.9	15.4	15.9	19.5
Buildings with Cooling	129	238	187	255	201	9,438	15,932	11,906	15,798	10,472	13.7	14.9	15.7	16.1	19.1
Buildings with Water Heating	133	235	187	248	187	10,335	16,511	11,765	14,976	9,225	12.9	14.2	15.9	16.6	20.3
Annual Consumption (kilowatthours)															
10,000 or Less	1	1	1	1	Q	636	1,052	306	622	Q	1.3	1.1	1.7	1.7	Q
10,001 to 50,000	7	12	7	12	7	1,595	2,612	1,270	2,633	1,160	4.7	4.5	5.6	4.6	5.8
50,001 to 100,000	10	12	8	17	8	1,086	1,607	1,369	1,739	924	9.1	7.5	5.8	9.5	9.1
100,001 to 500,000	43	62	30	60	43	3,333	4,729	2,864	4,124	2,571	12.8	13.0	10.6	14.6	16.8
500,001 to 1,000,000	12	24	22	27	26	1,110	1,853	1,353	1,641	1,402	10.6	12.8	16.3	16.3	18.5
1,000,001 to 5,000,000	43	81	60	84	66	2,502	3,998	2,642	3,894	2,565	17.1	20.3	22.5	21.6	25.6
Over 5,000,000	22	63	62	60	52	1,036	2,698	2,570	2,411	2,026	20.9	23.4	23.9	24.8	25.6

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>

.a Climate zone (30-year average) definitions: Zone 1 = Under 2,000 CDD and more than 7,000 HDD; Zone 2 = Under 2,000 CDD and 5,500-7,000 HDD; Zone 3 = Under 2,000 CDD and 4,000-5,499 HDD; Zone 4 = Under 2,000 CDD and fewer than 4,000 HDD; Zone 5 = 2,000 CDD or more and fewer than 4,000 HDD. (See "Glossary" for definitions of CDD and HDD.)

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.

Table C21A. Electricity Consumption and Conditional Energy Intensity by Building Size for All Buildings, 2003

	Total Electricity Consumption (billion kWh)			Total Floorspace of Buildings Using Electricity (million square feet)			Electricity Energy Intensity (kWh/square foot)		
	1,001 to 10,000 Square Feet	10,001 to 100,000 Square Feet	Over 100,000 Square Feet	1,001 to 10,000 Square Feet	10,001 to 100,000 Square Feet	Over 100,000 Square Feet	1,001 to 10,000 Square Feet	10,001 to 100,000 Square Feet	Over 100,000 Square Feet
All Buildings	201	412	431	13,124	31,858	25,200	15.3	12.9	17.1
Principal Building Activity									
Education	9	55	45	806	5,378	3,687	11.1	10.2	12.2
Food Sales	36	24	Q	747	467	Q	48.8	51.1	Q
Food Service	47	16	Q	986	664	Q	47.8	24.5	Q
Health Care	6	17	50	445	835	1,883	13.1	20.5	26.3
Inpatient	N	Q	47	N	Q	1,723	N	Q	27.0
Outpatient	6	11	Q	445	652	Q	13.1	17.4	Q
Lodging	4	31	34	260	2,274	2,563	14.0	13.5	13.5
Mercantile	28	99	89	1,944	5,204	4,044	14.2	19.0	21.9
Retail (Other Than Mall)	17	28	18	1,363	2,133	821	12.2	12.9	21.5
Enclosed and Strip Malls	11	71	71	581	3,071	3,223	19.1	23.1	22.0
Office	30	75	105	2,320	4,602	5,286	12.9	16.4	19.9
Public Assembly	10	21	19	850	1,851	1,233	11.6	11.2	Q
Public Order and Safety	2	6	Q	231	390	Q	10.4	14.9	Q
Religious Worship	5	11	Q	1,160	2,391	Q	4.5	4.7	Q
Service	14	19	Q	1,687	1,862	Q	8.2	10.2	Q
Warehouse and Storage	7	25	40	1,256	4,482	3,687	5.8	5.5	10.8
Other	2	11	25	206	601	922	9.6	19.1	27.6
Vacant	Q	Q	Q	Q	Q	Q	Q	Q	Q
Year Constructed									
Before 1920	6	14	6	959	1,981	805	6.8	7.3	7.0
1920 to 1945	16	19	28	1,514	2,426	2,768	10.9	7.8	10.0
1946 to 1959	16	28	28	1,517	3,301	2,237	10.8	8.5	12.4
1960 to 1969	20	49	37	1,584	4,457	2,556	12.5	11.0	14.3
1970 to 1979	37	82	82	2,369	5,388	4,301	15.7	15.3	19.2
1980 to 1989	38	79	114	1,968	4,912	5,410	19.2	16.2	21.1
1990 to 1999	52	95	94	2,325	6,647	4,726	22.3	14.3	20.0
2000 to 2003	15	44	42	887	2,745	2,396	16.8	16.2	17.7
Census Region and Division									
Northeast	25	64	83	2,159	5,754	5,985	11.6	11.1	13.9
New England	8	18	16	729	1,630	1,071	10.7	11.0	14.5
Middle Atlantic	17	46	68	1,431	4,124	4,914	12.0	11.2	13.7
Midwest	47	98	89	3,299	8,321	6,104	14.3	11.8	14.6
East North Central	30	65	74	1,797	5,505	4,900	16.5	11.8	15.0
West North Central	18	33	15	1,502	2,816	1,204	11.7	11.8	12.6
South	89	176	187	5,050	12,123	8,844	17.6	14.5	21.2
South Atlantic	48	94	111	2,622	6,074	5,141	18.2	15.5	21.7
East South Central	13	30	15	868	2,081	597	14.4	14.6	24.3
West South Central	29	51	61	1,560	3,969	3,105	18.4	12.8	19.8
West	40	74	71	2,615	5,659	4,267	15.2	13.1	16.7
Mountain	12	28	27	890	1,993	1,282	13.9	14.1	21.4
Pacific	27	46	44	1,725	3,667	2,984	15.9	12.5	14.7
Climate Zone: 30-Year Average									
Under 2,000 CDD and --									
More than 7,000 HDD	31	60	47	2,385	5,382	3,534	13.0	11.1	13.2
5,500-7,000 HDD	45	102	108	3,270	8,627	6,652	13.6	11.8	16.2
4,000-5,499 HDD	29	71	89	1,986	4,872	5,516	14.6	14.5	16.2
Fewer than 4,000 HDD	59	97	105	3,666	7,762	5,636	16.0	12.5	18.6
2,000 CDD or More and --									
Fewer than 4,000 HDD	37	83	82	1,817	5,215	3,863	20.6	15.8	21.2

CONTINUED

Table C21A. Electricity Consumption and Conditional Energy Intensity by Building Size for All Buildings, 2003

	Total Electricity Consumption (billion kWh)			Total Floorspace of Buildings Using Electricity (million square feet)			Electricity Energy Intensity (kWh/square foot)		
	1,001 to 10,000 Square Feet	10,001 to 100,000 Square Feet	Over 100,000 Square Feet	1,001 to 10,000 Square Feet	10,001 to 100,000 Square Feet	Over 100,000 Square Feet	1,001 to 10,000 Square Feet	10,001 to 100,000 Square Feet	Over 100,000 Square Feet
All Buildings	201	412	431	13,124	31,858	25,200	15.3	12.9	17.1
Number of Establishments									
One	166	252	208	10,331	20,970	13,077	16.0	12.0	15.9
2 to 5	31	76	73	2,372	6,221	3,934	13.2	12.3	18.6
6 to 10	Q	41	23	Q	2,060	1,106	Q	20.0	20.6
11 to 20	Q	32	31	Q	1,548	1,819	Q	21.0	17.2
More than 20	Q	8	94	Q	462	4,571	Q	18.4	20.5
Currently Unoccupied	Q	Q	Q	Q	Q	Q	Q	Q	Q
Energy Sources (more than one may apply)									
Electricity	201	412	431	13,124	31,858	25,200	15.3	12.9	17.1
Natural Gas	118	292	333	7,142	21,928	19,396	16.6	13.3	17.2
Fuel Oil	13	59	203	1,327	3,790	11,133	9.6	15.5	18.3
District Heat	Q	20	80	Q	1,232	4,244	Q	16.4	18.8
Energy End Uses (more than one may apply)									
Buildings with Space Heating	188	400	418	11,963	29,981	24,466	15.7	13.3	17.1
Buildings with Cooling	189	403	418	10,918	28,985	23,642	17.3	13.9	17.7
Buildings with Water Heating	180	397	414	10,551	28,569	23,692	17.1	13.9	17.5
Annual Consumption (kilowatthours)									
10,000 or Less	4	Q	Q	1,954	Q	Q	1.8	Q	Q
10,001 to 50,000	39	6	Q	5,607	3,534	Q	7.0	1.8	Q
50,001 to 100,000	41	14	Q	2,782	3,382	Q	14.6	4.1	Q
100,001 to 500,000	102	133	3	2,628	13,156	1,838	38.7	10.1	1.6
500,001 to 1,000,000	Q	90	8	Q	5,538	1,696	Q	16.2	4.6
1,000,001 to 5,000,000	Q	166	164	Q	5,369	10,206	Q	30.9	16.1
Over 5,000,000	N	Q	255	N	Q	10,720	N	Q	23.8

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.

Table C22A. Electricity Consumption and Conditional Energy Intensity by Year Constructed for All Buildings, 2003

	Total Electricity Consumption (billion kWh)			Total Floorspace of Buildings Using Electricity (million square feet)			Electricity Energy Intensity (kWh/square foot)		
	1959 or Before	1960 to 1989	1990 to 2003	1959 or Before	1960 to 1989	1990 to 2003	1959 or Before	1960 to 1989	1990 to 2003
All Buildings	162	538	343	17,509	32,945	19,727	9.2	16.3	17.4
Building Floorspace (Square Feet)									
1,001 to 5,000	24	54	38	2,072	2,767	1,640	11.4	19.4	23.0
5,001 to 10,000	16	41	29	1,919	3,154	1,572	8.2	13.0	18.4
10,001 to 25,000	28	69	45	3,201	5,610	3,683	8.7	12.3	12.2
25,001 to 50,000	17	63	36	2,412	4,383	2,303	7.2	14.5	15.5
50,001 to 100,000	16	78	59	2,095	4,763	3,406	7.8	16.4	17.3
100,001 to 200,000	20	88	63	2,150	4,671	3,350	9.5	18.9	18.9
200,001 to 500,000	22	61	29	2,054	3,623	1,692	10.6	16.8	17.2
Over 500,000	19	84	44	1,606	3,974	2,080	11.6	21.1	21.3
Principal Building Activity									
Education	22	53	34	3,191	4,359	2,321	6.8	12.3	14.4
Food Sales	Q	29	Q	Q	585	Q	Q	50.0	Q
Food Service	10	22	31	613	524	517	16.7	42.9	59.4
Health Care	14	43	16	730	1,671	762	19.2	25.5	21.0
Inpatient	11	35	7	456	1,218	231	23.7	28.4	30.2
Outpatient	3	8	9	273	453	531	11.7	17.9	17.0
Lodging	10	39	20	1,236	2,564	1,296	Q	15.3	15.1
Mercantile	16	115	84	1,372	5,983	3,836	11.3	19.3	21.9
Retail (Other Than Mall)	8	24	29	1,026	1,804	1,487	8.2	13.3	19.7
Enclosed and Strip Malls	Q	91	55	Q	4,179	2,350	Q	21.8	23.3
Office	34	131	46	2,852	6,792	2,563	11.9	19.2	17.9
Public Assembly	7	20	22	1,455	1,445	1,035	4.6	13.9	21.6
Public Order and Safety	Q	7	Q	Q	385	Q	Q	18.5	Q
Religious Worship	4	6	7	1,522	1,328	904	2.9	4.8	8.1
Service	7	26	11	1,045	1,925	1,012	6.3	13.4	11.4
Warehouse and Storage	Q	25	30	1,941	3,851	3,633	8.3	6.5	8.4
Other	Q	19	14	Q	684	673	Q	28.0	Q
Vacant	Q	Q	Q	Q	Q	Q	Q	Q	Q
Census Region and Division									
Northeast	47	86	38	6,080	5,448	2,371	7.8	15.8	16.2
New England	9	22	Q	1,475	1,339	615	6.0	16.1	17.7
Middle Atlantic	39	65	28	4,605	4,109	1,755	8.4	15.8	15.7
Midwest	50	118	67	5,559	8,158	4,008	9.0	14.4	16.7
East North Central	39	84	46	3,997	5,662	2,543	9.7	14.8	17.9
West North Central	11	34	21	1,562	2,495	1,465	7.2	13.5	14.5
South	41	231	180	3,611	12,556	9,850	11.5	18.4	18.2
South Atlantic	25	117	112	2,076	6,113	5,648	11.8	19.2	19.8
East South Central	7	33	18	557	1,871	1,117	11.9	17.5	16.1
West South Central	10	81	50	977	4,572	3,085	10.4	17.7	16.1
West	23	104	58	2,260	6,782	3,499	10.3	15.3	16.6
Mountain	6	43	20	526	2,482	1,157	10.6	17.2	17.0
Pacific	18	61	38	1,734	4,301	2,342	10.1	14.2	16.4
Climate Zone: 30-Year Average									
Under 2,000 CDD and --									
More than 7,000 HDD	24	70	43	3,354	5,038	2,908	7.2	13.9	14.7
5,500-7,000 HDD	55	135	65	6,017	8,625	3,908	9.2	15.6	16.6
4,000-5,499 HDD	40	100	50	4,107	5,610	2,657	9.6	17.8	18.7
Fewer than 4,000 HDD	30	133	98	3,005	8,433	5,625	10.0	15.7	17.4
2,000 CDD or More and --									
Fewer than 4,000 HDD	13	101	88	1,027	5,239	4,629	12.6	19.3	19.0

CONTINUED

Table C22A. Electricity Consumption and Conditional Energy Intensity by Year Constructed for All Buildings, 2003

	Total Electricity Consumption (billion kWh)			Total Floorspace of Buildings Using Electricity (million square feet)			Electricity Energy Intensity (kWh/square foot)		
	1959 or Before	1960 to 1989	1990 to 2003	1959 or Before	1960 to 1989	1990 to 2003	1959 or Before	1960 to 1989	1990 to 2003
All Buildings	162	538	343	17,509	32,945	19,727	9.2	16.3	17.4
Number of Establishments									
One	112	300	215	12,146	19,255	12,978	9.2	15.6	16.5
2 to 5	29	96	55	3,085	6,071	3,370	9.5	15.8	16.4
6 to 10	5	37	25	511	1,879	968	10.0	19.6	26.0
11 to 20	6	39	19	635	1,819	915	8.8	21.4	21.0
More than 20	10	65	28	648	3,239	1,174	15.1	20.1	23.5
Currently Unoccupied	Q	Q	Q	Q	Q	Q	Q	Q	Q
Energy Sources (more than one may apply)									
Electricity	162	538	343	17,509	32,945	19,727	9.2	16.3	17.4
Natural Gas	112	382	249	12,400	22,762	13,304	9.0	16.8	18.7
Fuel Oil	46	153	76	5,089	7,573	3,588	9.1	20.1	21.2
District Heat	31	47	23	2,206	2,330	1,041	14.0	20.3	21.9
Energy End Uses (more than one may apply)									
Buildings with Space Heating	157	520	329	16,776	31,401	18,233	9.4	16.6	18.1
Buildings with Cooling	143	528	339	14,196	30,929	18,421	10.1	17.1	18.4
Buildings with Water Heating	143	516	332	14,878	30,250	17,684	9.6	17.1	18.7
Annual Consumption (kilowatthours)									
10,000 or Less	1	2	1	1,102	1,083	676	1.4	1.5	1.1
10,001 to 50,000	16	20	10	3,555	3,845	1,870	4.4	5.1	5.5
50,001 to 100,000	16	25	14	2,387	2,579	1,759	6.8	9.7	7.7
100,001 to 500,000	44	118	77	4,789	8,115	4,718	9.1	14.5	16.2
500,001 to 1,000,000	14	56	40	1,354	3,617	2,389	10.6	15.5	16.7
1,000,001 to 5,000,000	38	176	119	2,452	8,036	5,113	15.5	21.9	23.3
Over 5,000,000	33	142	83	1,870	5,670	3,202	17.5	25.1	26.0

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 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.