

**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)	
<b>All Buildings</b> .....	4,617	70,181	15.2	10,746	3,559	1,043	82,783
<b>Building Floorspace (Square Feet)</b>							
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
<b>Principal Building Activity</b>							
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
<b>Year Constructed</b>							
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
<b>Census Region and Division</b>							
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

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				Total (trillion Btu)	Total (trillion Btu)	Total (billion kWh)	
<b>All Buildings</b> .....	4,617	70,181	15.2	10,746	3,559	1,043	82,783
<b>Climate Zone: 30-Year Average</b>							
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
<b>Number of Establishments</b>							
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
<b>Energy Sources (more than one may apply)</b>							
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
<b>Energy End Uses (more than one may apply)</b>							
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
<b>Annual Consumption (kilowatthours)</b>							
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.