

**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
<b>All Buildings</b> .....	16,907	15,677	31,849	18,350	0.10	0.07	0.07	0.10	1.22	0.88	1.22	1.46
<b>Building Floorspace (Square Feet)</b>												
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
<b>Principal Building Activity</b>												
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
<b>Year Constructed</b>												
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
<b>Climate Zone: 30-Year Average</b>												
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
<b>Number of Establishments</b>												
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

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	North- east	Mid- west	South	West	North- east	Mid- west	South	West	North- east	Mid- west	South	West
<b>All Buildings</b> .....	16,907	15,677	31,849	18,350	0.10	0.07	0.07	0.10	1.22	0.88	1.22	1.46
<b>Energy Sources (more than one may apply)</b>												
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
<b>Energy End Uses (more than one may apply)</b>												
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
<b>Annual Consumption (kilowatthours)</b>												
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.