

Table C2A. Total Energy Expenditures by Major Fuel for All Buildings, 2003

	All Buildings		Total Energy Expenditures (million dollars)				
	Number of Buildings (thousand)	Floorspace (million square feet)	Sum of Major Fuels	Electricity	Natural Gas	Fuel Oil	District Heat
All Buildings	4,859	71,658	107,897	82,783	16,010	1,826	7,279
Building Floorspace (Square Feet)							
1,001 to 5,000	2,586	6,922	13,083	10,547	2,227	292	Q
5,001 to 10,000	948	7,033	10,443	8,199	1,830	307	Q
10,001 to 25,000	810	12,659	15,689	12,172	2,897	238	Q
25,001 to 50,000	261	9,382	11,898	9,179	2,054	134	Q
50,001 to 100,000	147	10,291	15,171	11,694	2,140	229	Q
100,001 to 200,000	74	10,217	16,087	11,962	1,964	279	Q
200,001 to 500,000	26	7,494	10,940	7,862	1,396	272	Q
Over 500,000	8	7,660	14,586	11,167	1,502	74	1,843
Principal Building Activity							
Education	386	9,874	12,008	8,111	1,889	362	Q
Food Sales	226	1,255	4,990	4,627	332	Q	N
Food Service	297	1,654	6,865	5,176	1,615	Q	Q
Health Care	129	3,163	7,440	4,882	1,538	79	Q
Inpatient	8	1,905	5,329	3,198	1,241	67	Q
Outpatient	121	1,258	2,111	1,684	297	Q	Q
Lodging	142	5,096	7,445	5,288	1,581	272	Q
Mercantile	657	11,192	21,300	18,883	2,204	167	Q
Retail (Other Than Mall)	443	4,317	5,980	5,132	719	117	Q
Enclosed and Strip Malls	213	6,875	15,320	13,751	1,486	Q	Q
Office	824	12,208	20,841	17,050	2,201	149	1,441
Public Assembly	277	3,939	5,790	3,943	775	230	Q
Public Order and Safety	71	1,090	1,917	1,216	234	Q	Q
Religious Worship	370	3,754	2,457	1,628	664	Q	Q
Service	622	4,050	4,779	3,485	1,096	Q	Q
Warehouse and Storage	597	10,078	6,894	5,034	976	74	Q
Other	79	1,738	4,420	3,049	684	Q	Q
Vacant	182	2,567	751	412	220	Q	Q
Year Constructed							
Before 1920	333	3,784	4,153	2,338	1,136	304	Q
1920 to 1945	536	6,985	8,946	5,364	1,734	425	1,423
1946 to 1959	573	7,262	9,053	6,184	1,668	392	Q
1960 to 1969	600	8,641	12,493	8,626	2,064	Q	Q
1970 to 1979	784	12,275	19,585	15,679	2,877	185	Q
1980 to 1989	768	12,468	22,142	18,258	2,685	103	Q
1990 to 1999	917	13,981	22,356	18,560	2,722	72	Q
2000 to 2003	347	6,262	9,169	7,773	1,125	Q	Q
Census Region and Division							
Northeast	761	13,995	24,395	16,907	3,883	1,437	2,169
New England	252	3,452	6,084	4,157	806	592	Q
Middle Atlantic	509	10,543	18,311	12,750	3,076	845	Q
Midwest	1,305	18,103	23,398	15,677	5,215	178	2,329
East North Central	728	12,424	17,511	11,503	3,968	Q	Q
West North Central	577	5,680	5,888	4,174	1,246	Q	Q
South	1,873	26,739	38,398	31,849	4,356	130	Q
South Atlantic	926	13,999	21,396	17,693	2,225	116	Q
East South Central	360	3,719	5,154	3,881	869	Q	Q
West South Central	587	9,022	11,848	10,275	1,262	6	Q
West	920	12,820	21,706	18,350	2,557	82	Q
Mountain	316	4,207	6,726	5,205	1,252	Q	Q
Pacific	603	8,613	14,980	13,145	1,305	Q	Q

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All Buildings	4,859	71,658	107,897	82,783	16,010	1,826	7,279
Climate Zone: 30-Year Average							
Under 2,000 CDD and --							
More than 7,000 HDD	882	11,529	15,307	10,479	3,329	472	Q
5,500-7,000 HDD	1,229	18,808	27,921	19,181	5,416	565	Q
4,000-5,499 HDD	701	12,503	20,888	15,439	2,989	723	Q
Fewer than 4,000 HDD	1,336	17,630	26,517	22,055	3,218	57	Q
2,000 CDD or More and --							
Fewer than 4,000 HDD	711	11,189	17,263	15,629	1,058	8	Q
Number of Establishments							
One	3,754	45,144	65,153	48,376	10,950	1,466	4,361
2 to 5	762	12,565	19,503	14,425	2,838	251	Q
6 to 10	117	3,358	6,782	5,587	782	Q	Q
11 to 20	47	3,369	6,213	5,449	555	Q	Q
More than 20	22	5,060	9,730	8,688	743	Q	Q
Currently Unoccupied	157	2,161	516	258	142	Q	Q
Energy Sources (more than one may apply)							
Electricity	4,617	70,181	107,894	82,783	16,009	1,824	7,279
Natural Gas	2,538	48,473	78,522	58,107	16,010	794	3,611
Fuel Oil	465	16,265	28,286	20,791	3,676	1,826	1,993
District Heat	67	5,576	14,404	6,782	333	10	7,279
Energy End Uses (more than one may apply)							
Buildings with Space Heating	4,182	66,446	103,845	78,955	15,821	1,794	7,276
Buildings with Cooling	3,825	63,560	102,694	80,010	15,141	1,430	6,112
Buildings with Water Heating	3,659	62,827	101,438	78,235	15,453	1,732	6,018

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 the particular energy source.

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. • HVAC = Heating, Ventilation, and Air Conditioning. • 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.