

Table C8A. Consumption and Gross Energy Intensity by Census Division for Sum of Major Fuels for All Buildings, 2003: Part 2

	Sum of Major Fuel Consumption (trillion Btu)			Total Floorspace of Buildings (million square feet)			Energy Intensity for Sum of Major Fuels (thousand Btu/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	456	1,241	340	5,680	13,999	3,719	80.2	88.7	91.4
Building Floorspace (Square Feet)									
1,001 to 5,000	60	123	37	922	1,283	547	64.9	96.2	67.6
5,001 to 10,000	45	111	27	738	1,468	420	61.6	75.4	63.2
10,001 to 25,000	71	145	74	1,204	2,443	861	59.0	59.3	Q
25,001 to 50,000	107	133	Q	949	1,867	545	112.5	71.1	Q
50,001 to 100,000	66	163	71	664	1,797	749	99.0	90.4	95.1
100,001 to 200,000	49	278	Q	614	2,422	Q	79.8	114.8	Q
200,001 to 500,000	Q	118	Q	441	1,148	Q	Q	102.4	Q
Over 500,000	Q	171	Q	Q	1,572	Q	Q	109.0	Q
Principal Building Activity									
Education	45	198	Q	552	2,445	341	81.0	80.9	Q
Food Sales	Q	Q	Q	Q	223	Q	Q	Q	Q
Food Service	Q	112	Q	206	433	99	Q	259.2	Q
Health Care	Q	120	Q	247	749	219	Q	160.1	Q
Inpatient	Q	Q	Q	Q	469	Q	Q	Q	Q
Outpatient	Q	Q	Q	Q	280	Q	Q	Q	Q
Lodging	55	91	Q	595	939	368	92.6	96.8	Q
Mercantile	51	243	52	531	2,638	678	96.3	92.2	77.1
Retail (Other Than Mall)	31	66	Q	337	897	353	93.6	73.4	Q
Enclosed and Strip Malls	Q	177	Q	Q	1,741	325	Q	101.9	Q
Office	62	155	50	799	1,958	481	77.6	79.3	103.2
Public Assembly	Q	42	Q	377	440	Q	Q	94.3	Q
Public Order and Safety	Q	Q	Q	Q	Q	Q	Q	Q	Q
Religious Worship	18	29	Q	395	721	310	46.2	39.6	Q
Service	31	Q	Q	514	753	307	61.3	73.5	Q
Warehouse and Storage	51	66	Q	994	1,836	390	51.0	35.7	Q
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q
Vacant	Q	Q	Q	Q	252	Q	Q	Q	Q
Year Constructed									
Before 1920	39	Q	Q	553	Q	Q	70.2	Q	Q
1920 to 1945	Q	41	Q	496	667	300	Q	61.6	Q
1946 to 1959	39	91	Q	574	1,113	261	68.5	81.4	Q
1960 to 1969	72	111	Q	866	1,488	504	83.7	74.7	Q
1970 to 1979	93	169	70	1,117	1,672	874	83.7	101.2	79.7
1980 to 1989	47	287	75	524	3,025	540	89.1	94.8	139.6
1990 to 1999	88	387	65	1,121	4,234	842	78.8	91.5	77.4
2000 to 2003	31	130	Q	429	1,460	354	73.4	88.9	Q
Climate Zone: 30-Year Average									
Under 2,000 CDD and --									
More than 7,000 HDD	240	N	N	2,702	N	N	88.9	N	N
5,500-7,000 HDD	102	N	N	Q	N	N	74.6	N	N
4,000-5,499 HDD	114	311	Q	1,609	3,065	Q	70.5	101.4	112.3
Fewer than 4,000 HDD	N	635	Q	N	7,126	Q	N	89.0	78.5
2,000 CDD or More and --									
Fewer than 4,000 HDD	N	296	Q	N	3,807	Q	N	77.7	98.9

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	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	456	1,241	340	5,680	13,999	3,719	80.2	88.7	91.4
Number of Establishments									
One	310	752	223	4,044	8,902	2,707	76.7	84.5	82.4
2 to 5	96	221	Q	1,020	2,448	471	93.9	90.4	Q
6 to 10	Q	100	Q	Q	759	Q	Q	131.2	Q
11 to 20	Q	Q	Q	Q	684	Q	Q	Q	Q
More than 20	Q	95	Q	Q	965	Q	Q	98.2	Q
Currently Unoccupied	Q	Q	Q	Q	241	Q	Q	Q	Q
Energy Sources (more than one may apply)									
Electricity	456	1,241	340	5,523	13,837	3,546	82.5	89.7	95.9
Natural Gas	370	804	265	3,788	7,286	2,521	97.6	110.4	105.2
Fuel Oil	118	321	Q	1,037	2,961	341	114.0	108.3	Q
District Heat	Q	220	Q	Q	1,243	Q	Q	177.4	Q
Energy End Uses (more than one may apply)									
Buildings with Space Heating	455	1,191	337	5,303	12,588	3,382	85.7	94.6	99.5
Buildings with Cooling	430	1,226	336	4,888	13,186	3,311	88.0	93.0	101.6
Buildings with Water Heating	437	1,190	329	4,915	12,315	3,164	88.9	96.6	104.1

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.

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.