

**Table C3A. Consumption and Gross Energy Intensity for Sum of Major Fuels for All Buildings, 2003**

	All Buildings			Sum of Major Fuel Consumption		
	Number of Buildings (thousand)	Floorspace (million square feet)	Floorspace per Building (thousand square feet)	Total (trillion Btu)	per Building (million Btu)	per Square Foot (thousand Btu)
<b>All Buildings</b> .....	4,859	71,658	14.7	6,523	1,342	91.0
<b>Building Floorspace (Square Feet)</b>						
1,001 to 5,000 .....	2,586	6,922	2.7	685	265	99.0
5,001 to 10,000 .....	948	7,033	7.4	563	594	80.0
10,001 to 25,000 .....	810	12,659	15.6	899	1,110	71.0
25,001 to 50,000 .....	261	9,382	36.0	742	2,843	79.0
50,001 to 100,000 .....	147	10,291	70.2	913	6,230	88.7
100,001 to 200,000 .....	74	10,217	138.6	1,064	14,436	104.2
200,001 to 500,000 .....	26	7,494	287.6	751	28,831	100.2
Over 500,000 .....	8	7,660	937.6	906	110,855	118.2
<b>Principal Building Activity</b>						
Education .....	386	9,874	25.6	820	2,125	83.1
Food Sales .....	226	1,255	5.6	251	1,110	199.7
Food Service .....	297	1,654	5.6	427	1,436	258.3
Health Care .....	129	3,163	24.6	594	4,612	187.7
Inpatient .....	8	1,905	241.4	475	60,152	249.2
Outpatient .....	121	1,258	10.4	119	985	94.6
Lodging .....	142	5,096	35.8	510	3,578	100.0
Mercantile .....	657	11,192	17.0	1,021	1,556	91.3
Retail (Other Than Mall) .....	443	4,317	9.7	319	720	73.9
Enclosed and Strip Malls .....	213	6,875	32.2	702	3,292	102.2
Office .....	824	12,208	14.8	1,134	1,376	92.9
Public Assembly .....	277	3,939	14.2	370	1,338	93.9
Public Order and Safety .....	71	1,090	15.5	126	1,791	115.8
Religious Worship .....	370	3,754	10.1	163	440	43.5
Service .....	622	4,050	6.5	312	501	77.0
Warehouse and Storage .....	597	10,078	16.9	456	764	45.2
Other .....	79	1,738	21.9	286	3,600	164.4
Vacant .....	182	2,567	14.1	54	294	20.9
<b>Year Constructed</b>						
Before 1920 .....	333	3,784	11.4	303	912	80.2
1920 to 1945 .....	536	6,985	13.0	631	1,177	90.4
1946 to 1959 .....	573	7,262	12.7	588	1,026	80.9
1960 to 1969 .....	600	8,641	14.4	791	1,317	91.5
1970 to 1979 .....	784	12,275	15.6	1,191	1,518	97.0
1980 to 1989 .....	768	12,468	16.2	1,247	1,622	100.0
1990 to 1999 .....	917	13,981	15.2	1,262	1,376	90.2
2000 to 2003 .....	347	6,262	18.1	511	1,473	81.6
<b>Census Region and Division</b>						
Northeast .....	761	13,995	18.4	1,396	1,834	99.8
New England .....	252	3,452	13.7	345	1,368	99.8
Middle Atlantic .....	509	10,543	20.7	1,052	2,064	99.7
Midwest .....	1,305	18,103	13.9	1,799	1,379	99.4
East North Central .....	728	12,424	17.1	1,343	1,846	108.1
West North Central .....	577	5,680	9.8	456	790	80.2
South .....	1,873	26,739	14.3	2,265	1,209	84.7
South Atlantic .....	926	13,999	15.1	1,241	1,340	88.7
East South Central .....	360	3,719	10.3	340	944	91.4
West South Central .....	587	9,022	15.4	684	1,164	75.8
West .....	920	12,820	13.9	1,063	1,156	82.9
Mountain .....	316	4,207	13.3	446	1,411	106.1
Pacific .....	603	8,613	14.3	617	1,022	71.6

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<b>All Buildings</b> .....	4,859	71,658	14.7	6,523	1,342	91.0
<b>Climate Zone: 30-Year Average</b>						
Under 2,000 CDD and --						
More than 7,000 HDD .....	882	11,529	13.1	1,086	1,231	94.2
5,500-7,000 HDD .....	1,229	18,808	15.3	1,929	1,570	102.6
4,000-5,499 HDD .....	701	12,503	17.8	1,243	1,773	99.4
Fewer than 4,000 HDD .....	1,336	17,630	13.2	1,386	1,038	78.6
2,000 CDD or More and --						
Fewer than 4,000 HDD .....	711	11,189	15.7	879	1,236	78.6
<b>Number of Establishments</b>						
One .....	3,754	45,144	12.0	4,167	1,110	92.3
2 to 5 .....	762	12,565	16.5	1,161	1,525	92.4
6 to 10 .....	117	3,358	28.6	378	3,222	112.6
11 to 20 .....	47	3,369	71.8	307	6,540	91.1
More than 20 .....	22	5,060	227.3	473	21,234	93.4
Currently Unoccupied .....	157	2,161	13.8	37	237	17.2
<b>Energy Sources (more than one may apply)</b>						
Electricity .....	4,617	70,181	15.2	6,522	1,413	92.9
Natural Gas .....	2,538	48,473	19.1	5,042	1,987	104.0
Fuel Oil .....	465	16,265	35.0	1,867	4,012	114.8
District Heat .....	67	5,576	83.1	1,029	15,337	184.6
<b>Energy End Uses (more than one may apply)</b>						
Buildings with Space Heating .....	4,182	66,446	15.9	6,370	1,523	95.9
Buildings with Cooling .....	3,825	63,560	16.6	6,149	1,608	96.7
Buildings with Water Heating .....	3,659	62,827	17.2	6,158	1,683	98.0

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.

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.