

**Table C1A. Total Energy Consumption by Major Fuel for All Buildings, 2003**

	All Buildings		Total Energy Consumption (trillion Btu)					
	Number of Buildings (thousand)	Floorspace (million square feet)	Sum of Major Fuels	Electricity		Natural Gas	Fuel Oil	District Heat
				Primary	Site			
<b>All Buildings</b> .....	4,859	71,658	6,523	10,746	3,559	2,100	228	636
<b>Building Floorspace (Square Feet)</b>								
1,001 to 5,000 .....	2,586	6,922	685	1,185	392	257	34	Q
5,001 to 10,000 .....	948	7,033	563	883	293	224	36	Q
10,001 to 25,000 .....	810	12,659	899	1,464	485	353	28	Q
25,001 to 50,000 .....	261	9,382	742	1,199	397	278	17	Q
50,001 to 100,000 .....	147	10,291	913	1,579	523	277	29	Q
100,001 to 200,000 .....	74	10,217	1,064	1,771	587	275	37	165
200,001 to 500,000 .....	26	7,494	751	1,152	381	211	36	123
Over 500,000 .....	8	7,660	906	1,513	501	224	10	171
<b>Principal Building Activity</b>								
Education .....	386	9,874	820	1,121	371	268	47	134
Food Sales .....	226	1,255	251	629	208	39	Q	N
Food Service .....	297	1,654	427	654	217	203	Q	Q
Health Care .....	129	3,163	594	748	248	243	11	Q
Inpatient .....	8	1,905	475	539	178	204	9	Q
Outpatient .....	121	1,258	119	209	69	38	Q	Q
Lodging .....	142	5,096	510	709	235	215	35	Q
Mercantile .....	657	11,192	1,021	2,214	733	264	21	Q
Retail (Other Than Mall) .....	443	4,317	319	637	211	91	Q	Q
Enclosed and Strip Malls .....	213	6,875	702	1,578	523	172	Q	Q
Office .....	824	12,208	1,134	2,170	719	269	18	128
Public Assembly .....	277	3,939	370	506	167	102	29	Q
Public Order and Safety .....	71	1,090	126	172	57	29	8	Q
Religious Worship .....	370	3,754	163	188	62	82	18	Q
Service .....	622	4,050	312	451	149	139	Q	Q
Warehouse and Storage .....	597	10,078	456	738	244	132	9	Q
Other .....	79	1,738	286	401	133	87	Q	Q
Vacant .....	182	2,567	54	46	15	28	Q	Q
<b>Year Constructed</b>								
Before 1920 .....	333	3,784	303	274	91	143	38	Q
1920 to 1945 .....	536	6,985	631	649	215	232	55	129
1946 to 1959 .....	573	7,262	588	744	247	223	48	Q
1960 to 1969 .....	600	8,641	791	1,085	359	276	Q	117
1970 to 1979 .....	784	12,275	1,191	2,079	689	402	23	77
1980 to 1989 .....	768	12,468	1,247	2,382	789	339	12	Q
1990 to 1999 .....	917	13,981	1,262	2,484	823	345	9	Q
2000 to 2003 .....	347	6,262	511	1,048	347	140	Q	Q
<b>Census Region and Division</b>								
Northeast .....	761	13,995	1,396	1,772	587	462	181	166
New England .....	252	3,452	345	426	141	87	74	Q
Middle Atlantic .....	509	10,543	1,052	1,347	446	375	107	Q
Midwest .....	1,305	18,103	1,799	2,414	799	751	24	225
East North Central .....	728	12,424	1,343	1,733	574	567	Q	192
West North Central .....	577	5,680	456	681	225	184	Q	Q
South .....	1,873	26,739	2,265	4,654	1,542	527	15	182
South Atlantic .....	926	13,999	1,241	2,612	865	246	13	117
East South Central .....	360	3,719	340	591	196	107	1	Q
West South Central .....	587	9,022	684	1,451	481	174	1	Q
West .....	920	12,820	1,063	1,905	631	360	9	Q
Mountain .....	316	4,207	446	700	232	190	Q	Q
Pacific .....	603	8,613	617	1,205	399	170	4	Q

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**Table C1A. Total Energy Consumption by Major Fuel for All Buildings, 2003**

	All Buildings		Total Energy Consumption (trillion Btu)					
	Number of Buildings (thousand)	Floorspace (million square feet)	Sum of Major Fuels	Electricity		Natural Gas	Fuel Oil	District Heat
				Primary	Site			
<b>All Buildings</b> .....	4,859	71,658	6,523	10,746	3,559	2,100	228	636
<b>Climate Zone: 30-Year Average</b>								
Under 2,000 CDD and --								
More than 7,000 HDD .....	882	11,529	1,086	1,412	468	468	63	88
5,500-7,000 HDD .....	1,229	18,808	1,929	2,621	868	737	67	257
4,000-5,499 HDD .....	701	12,503	1,243	1,947	645	368	91	140
Fewer than 4,000 HDD .....	1,336	17,630	1,386	2,686	890	389	6	101
2,000 CDD or More and --								
Fewer than 4,000 HDD .....	711	11,189	879	2,081	689	138	1	Q
<b>Number of Establishments</b>								
One .....	3,754	45,144	4,167	6,454	2,138	1,462	183	384
2 to 5 .....	762	12,565	1,161	1,859	616	359	31	156
6 to 10 .....	117	3,358	378	692	229	95	7	Q
11 to 20 .....	47	3,369	307	656	217	69	Q	Q
More than 20 .....	22	5,060	473	1,056	350	96	Q	Q
Currently Unoccupied .....	157	2,161	37	28	9	18	Q	Q
<b>Energy Sources (more than one may apply)</b>								
Electricity .....	4,617	70,181	6,522	10,746	3,559	2,100	228	636
Natural Gas .....	2,538	48,473	5,042	7,651	2,534	2,100	101	306
Fuel Oil .....	465	16,265	1,867	2,830	937	523	228	179
District Heat .....	67	5,576	1,029	1,040	344	48	1	636
<b>Energy End Uses (more than one may apply)</b>								
Buildings with Space Heating .....	4,182	66,446	6,370	10,365	3,433	2,077	225	635
Buildings with Cooling .....	3,825	63,560	6,149	10,402	3,445	1,987	181	536
Buildings with Water Heating .....	3,659	62,827	6,158	10,202	3,379	2,035	218	525

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: • 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. • 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.

**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
<b>All Buildings</b> .....	4,859	71,658	107,897	82,783	16,010	1,826	7,279
<b>Building Floorspace (Square Feet)</b>							
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
<b>Principal Building Activity</b>							
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
<b>Year Constructed</b>							
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
<b>Census Region and Division</b>							
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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**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
<b>All Buildings</b> .....	4,859	71,658	107,897	82,783	16,010	1,826	7,279
<b>Climate Zone: 30-Year Average</b>							
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
<b>Number of Establishments</b>							
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
<b>Energy Sources (more than one may apply)</b>							
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
<b>Energy End Uses (more than one may apply)</b>							
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/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 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.

**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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**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>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.

**Table C4A. Expenditures for Sum of Major Fuels for All Buildings, 2003**

	All Buildings			Sum of Major Fuel Expenditures			
	Number of Buildings (thousand)	Floorspace (million square feet)	Floorspace per Building (thousand square feet)	Total (million dollars)	per Building (thousand dollars)	per Square Foot (dollars)	per Million Btu (dollars)
<b>All Buildings</b> .....	4,859	71,658	14.7	107,897	22.2	1.51	16.54
<b>Building Floorspace (Square Feet)</b>							
1,001 to 5,000 .....	2,586	6,922	2.7	13,083	5.1	1.89	19.08
5,001 to 10,000 .....	948	7,033	7.4	10,443	11.0	1.48	18.56
10,001 to 25,000 .....	810	12,659	15.6	15,689	19.4	1.24	17.46
25,001 to 50,000 .....	261	9,382	36.0	11,898	45.6	1.27	16.04
50,001 to 100,000 .....	147	10,291	70.2	15,171	103.5	1.47	16.62
100,001 to 200,000 .....	74	10,217	138.6	16,087	218.2	1.57	15.12
200,001 to 500,000 .....	26	7,494	287.6	10,940	419.8	1.46	14.56
Over 500,000 .....	8	7,660	937.6	14,586	1785.5	1.90	16.11
<b>Principal Building Activity</b>							
Education .....	386	9,874	25.6	12,008	31.1	1.22	14.64
Food Sales .....	226	1,255	5.6	4,990	22.1	3.98	19.91
Food Service .....	297	1,654	5.6	6,865	23.1	4.15	16.07
Health Care .....	129	3,163	24.6	7,440	57.8	2.35	12.53
Inpatient .....	8	1,905	241.4	5,329	675.4	2.80	11.23
Outpatient .....	121	1,258	10.4	2,111	17.5	1.68	17.74
Lodging .....	142	5,096	35.8	7,445	52.3	1.46	14.61
Mercantile .....	657	11,192	17.0	21,300	32.4	1.90	20.85
Retail (Other Than Mall) .....	443	4,317	9.7	5,980	13.5	1.39	18.75
Enclosed and Strip Malls .....	213	6,875	32.2	15,320	71.8	2.23	21.81
Office .....	824	12,208	14.8	20,841	25.3	1.71	18.39
Public Assembly .....	277	3,939	14.2	5,790	20.9	1.47	15.65
Public Order and Safety .....	71	1,090	15.5	1,917	27.2	1.76	15.18
Religious Worship .....	370	3,754	10.1	2,457	6.6	0.65	15.06
Service .....	622	4,050	6.5	4,779	7.7	1.18	15.33
Warehouse and Storage .....	597	10,078	16.9	6,894	11.5	0.68	15.12
Other .....	79	1,738	21.9	4,420	55.7	2.54	15.47
Vacant .....	182	2,567	14.1	751	4.1	0.29	14.02
<b>Year Constructed</b>							
Before 1920 .....	333	3,784	11.4	4,153	12.5	1.10	13.69
1920 to 1945 .....	536	6,985	13.0	8,946	16.7	1.28	14.17
1946 to 1959 .....	573	7,262	12.7	9,053	15.8	1.25	15.40
1960 to 1969 .....	600	8,641	14.4	12,493	20.8	1.45	15.80
1970 to 1979 .....	784	12,275	15.6	19,585	25.0	1.60	16.45
1980 to 1989 .....	768	12,468	16.2	22,142	28.8	1.78	17.76
1990 to 1999 .....	917	13,981	15.2	22,356	24.4	1.60	17.72
2000 to 2003 .....	347	6,262	18.1	9,169	26.5	1.46	17.95
<b>Census Region and Division</b>							
Northeast .....	761	13,995	18.4	24,395	32.1	1.74	17.47
New England .....	252	3,452	13.7	6,084	24.2	1.76	17.66
Middle Atlantic .....	509	10,543	20.7	18,311	35.9	1.74	17.41
Midwest .....	1,305	18,103	13.9	23,398	17.9	1.29	13.01
East North Central .....	728	12,424	17.1	17,511	24.1	1.41	13.04
West North Central .....	577	5,680	9.8	5,888	10.2	1.04	12.92
South .....	1,873	26,739	14.3	38,398	20.5	1.44	16.95
South Atlantic .....	926	13,999	15.1	21,396	23.1	1.53	17.24
East South Central .....	360	3,719	10.3	5,154	14.3	1.39	15.16
West South Central .....	587	9,022	15.4	11,848	20.2	1.31	17.33
West .....	920	12,820	13.9	21,706	23.6	1.69	20.42
Mountain .....	316	4,207	13.3	6,726	21.3	1.60	15.07
Pacific .....	603	8,613	14.3	14,980	24.8	1.74	24.28

**Table C4A. Expenditures for Sum of Major Fuels for All Buildings, 2003**

	All Buildings			Sum of Major Fuel Expenditures			
	Number of Buildings (thousand)	Floorspace (million square feet)	Floorspace per Building (thousand square feet)	Total (million dollars)	per Building (thousand dollars)	per Square Foot (dollars)	per Million Btu (dollars)
<b>All Buildings</b> .....	4,859	71,658	14.7	107,897	22.2	1.51	16.54
<b>Climate Zone: 30-Year Average</b>							
Under 2,000 CDD and --							
More than 7,000 HDD .....	882	11,529	13.1	15,307	17.4	1.33	14.09
5,500-7,000 HDD .....	1,229	18,808	15.3	27,921	22.7	1.48	14.47
4,000-5,499 HDD .....	701	12,503	17.8	20,888	29.8	1.67	16.81
Fewer than 4,000 HDD .....	1,336	17,630	13.2	26,517	19.9	1.50	19.14
2,000 CDD or More and --							
Fewer than 4,000 HDD .....	711	11,189	15.7	17,263	24.3	1.54	19.63
<b>Number of Establishments</b>							
One .....	3,754	45,144	12.0	65,153	17.4	1.44	15.64
2 to 5 .....	762	12,565	16.5	19,503	25.6	1.55	16.80
6 to 10 .....	117	3,358	28.6	6,782	57.8	2.02	17.93
11 to 20 .....	47	3,369	71.8	6,213	132.4	1.84	20.24
More than 20 .....	22	5,060	227.3	9,730	437.1	1.92	20.59
Currently Unoccupied .....	157	2,161	13.8	516	3.3	0.24	13.88
<b>Energy Sources (more than one may apply)</b>							
Electricity .....	4,617	70,181	15.2	107,894	23.4	1.54	16.54
Natural Gas .....	2,538	48,473	19.1	78,522	30.9	1.62	15.57
Fuel Oil .....	465	16,265	35.0	28,286	60.8	1.74	15.15
District Heat .....	67	5,576	83.1	14,404	214.6	2.58	13.99
<b>Energy End Uses (more than one may apply)</b>							
Buildings with Space Heating .....	4,182	66,446	15.9	103,845	24.8	1.56	16.30
Buildings with Cooling .....	3,825	63,560	16.6	102,694	26.8	1.62	16.70
Buildings with Water Heating .....	3,659	62,827	17.2	101,438	27.7	1.61	16.47

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. • 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.



**Table C5A. Consumption and Gross Energy Intensity by Census Region for Sum of Major Fuels for All Buildings, 2003**

	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)			
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West
<b>All Buildings</b> .....	1,396	1,799	2,265	1,063	13,995	18,103	26,739	12,820	99.8	99.4	84.7	82.9
<b>Building Floorspace (Square Feet)</b>												
1,001 to 5,000 .....	123	207	248	108	1,059	1,908	2,618	1,337	116.4	108.3	94.7	80.6
5,001 to 10,000 .....	107	128	204	123	1,169	1,676	2,844	1,343	91.9	76.5	71.7	91.6
10,001 to 25,000 .....	166	258	295	180	2,122	3,317	4,859	2,361	78.3	77.7	60.7	76.1
25,001 to 50,000 .....	117	261	236	127	1,388	2,712	3,474	1,808	84.6	96.3	67.9	70.3
50,001 to 100,000 .....	234	225	326	127	2,272	2,376	4,059	1,584	103.2	94.9	80.3	80.2
100,001 to 200,000 .....	224	273	449	118	2,238	2,486	4,140	1,353	100.3	109.7	108.4	87.5
200,001 to 500,000 .....	189	252	207	103	1,781	2,288	2,109	1,316	106.3	110.0	98.3	78.3
Over 500,000 .....	Q	195	300	177	1,967	1,341	2,635	1,717	Q	145.4	113.8	103.0
<b>Principal Building Activity</b>												
Education .....	171	219	301	129	1,683	2,541	3,983	1,667	101.6	86.3	75.5	77.6
Food Sales .....	Q	70	91	Q	238	320	487	Q	Q	219.1	187.7	Q
Food Service .....	Q	99	217	65	172	453	764	265	Q	218.8	283.4	243.8
Health Care .....	114	164	217	99	535	798	1,277	553	212.2	205.6	169.8	179.6
Inpatient .....	Q	119	190	67	358	438	838	270	Q	272.2	226.7	246.8
Outpatient .....	Q	45	27	33	177	359	438	283	Q	124.4	60.9	115.3
Lodging .....	108	125	164	113	1,171	1,144	1,694	1,087	Q	109.0	96.9	103.7
Mercantile .....	166	200	443	213	1,720	1,904	5,094	2,473	96.5	104.8	87.0	86.0
Retail (Other Than Mall) .....	41	90	127	61	630	880	1,844	963	65.0	102.7	68.7	63.2
Enclosed and Strip Malls .....	125	109	316	152	1,090	1,024	3,251	1,511	Q	106.6	97.3	100.6
Office .....	305	325	329	175	3,012	2,989	3,782	2,425	101.2	108.8	87.0	72.1
Public Assembly .....	93	103	109	64	1,048	1,012	1,174	706	Q	101.7	93.2	91.2
Public Order and Safety .....	Q	Q	Q	Q	362	221	373	Q	Q	Q	Q	Q
Religious Worship .....	33	59	57	14	627	1,115	1,498	515	52.1	52.8	38.3	27.6
Service .....	59	110	90	53	740	1,289	1,358	664	79.8	85.0	66.3	80.0
Warehouse and Storage .....	63	225	106	61	1,523	3,017	3,966	1,572	41.6	74.7	26.7	39.0
Other .....	Q	Q	Q	Q	649	316	Q	186	Q	Q	Q	Q
Vacant .....	Q	Q	Q	Q	517	984	701	Q	Q	Q	Q	Q
<b>Year Constructed</b>												
Before 1920 .....	115	123	42	Q	1,412	1,552	525	295	81.4	79.4	79.3	Q
1920 to 1945 .....	229	262	80	61	2,578	2,099	1,365	942	88.8	124.6	58.4	64.6
1946 to 1959 .....	195	173	144	75	2,149	2,093	1,874	1,146	90.7	82.9	76.9	65.7
1960 to 1969 .....	225	222	217	127	1,858	2,434	2,689	1,660	121.2	91.4	80.5	76.2
1970 to 1979 .....	219	360	377	235	1,916	3,543	4,410	2,407	114.5	101.6	85.5	97.5
1980 to 1989 .....	177	246	563	260	1,675	2,221	5,834	2,738	105.8	110.9	96.5	94.9
1990 to 1999 .....	137	301	619	204	1,544	2,888	7,202	2,347	88.5	104.2	86.0	87.1
2000 to 2003 .....	Q	111	223	78	863	1,274	2,840	1,286	Q	86.9	78.6	60.7
<b>Climate Zone: 30-Year Average</b>												
Under 2,000 CDD and --												
More than 7,000 HDD .....	211	573	N	302	2,567	5,910	N	3,052	82.2	97.0	N	99.0
5,500-7,000 HDD .....	597	1,112	N	219	5,989	10,584	N	2,234	99.8	105.1	N	98.2
4,000-5,499 HDD .....	588	114	472	Q	5,440	1,609	4,736	718	108.0	70.5	99.7	96.4
Fewer than 4,000 HDD .....	N	N	997	389	N	N	11,506	6,125	N	N	86.6	63.5
2,000 CDD or More and --												
Fewer than 4,000 HDD .....	N	N	796	84	N	N	10,497	692	N	N	75.8	121.0

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**Table C5A. Consumption and Gross Energy Intensity by Census Region for Sum of Major Fuels for All Buildings, 2003**

	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)			
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West
<b>All Buildings</b> .....	1,396	1,799	2,265	1,063	13,995	18,103	26,739	12,820	99.8	99.4	84.7	82.9
<b>Number of Establishments</b>												
One .....	841	1,262	1,374	689	8,061	12,359	16,947	7,776	104.4	102.1	81.1	88.6
2 to 5 .....	280	326	393	162	2,802	3,116	4,493	2,155	99.9	104.7	87.6	75.0
6 to 10 .....	92	81	149	57	792	730	1,212	624	116.5	110.3	122.7	90.8
11 to 20 .....	Q	63	144	49	884	552	1,342	591	Q	114.2	107.3	83.1
More than 20 .....	Q	Q	197	104	1,118	453	2,094	1,396	Q	Q	94.1	74.7
Currently Unoccupied .....	Q	Q	Q	Q	Q	892	652	Q	Q	Q	Q	Q
<b>Energy Sources (more than one may apply)</b>												
Electricity .....	1,396	1,798	2,265	1,063	13,899	17,725	26,017	12,541	100.4	101.5	87.0	84.8
Natural Gas .....	1,110	1,485	1,600	847	10,162	14,144	15,260	8,907	109.2	105.0	104.9	95.0
Fuel Oil .....	678	395	535	259	6,464	2,909	4,663	2,230	104.8	135.9	114.7	116.1
District Heat .....	Q	336	324	Q	1,496	1,648	1,766	667	Q	204.2	183.7	Q
<b>Energy End Uses (more than one may apply)</b>												
Buildings with Space Heating .....	1,388	1,791	2,195	996	13,675	17,355	23,999	11,417	101.5	103.2	91.5	87.2
Buildings with Cooling .....	1,291	1,618	2,238	1,002	12,016	15,474	24,723	11,347	107.4	104.5	90.5	88.3
Buildings with Water Heating .....	1,338	1,640	2,159	1,021	12,875	15,865	22,859	11,227	103.9	103.4	94.5	90.9

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.

**Table C6A. Expenditures by Census Region for Sum of Major Fuels for All Buildings, 2003**

	Sum of Major Fuel Expenditures (million dollars)				Sum of Major Fuel Expenditures (dollars)							
					per Million Btu				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> .....	24,395	23,398	38,398	21,706	17.47	13.01	16.95	20.42	1.74	1.29	1.44	1.69
<b>Building Floorspace (Square Feet)</b>												
1,001 to 5,000 .....	2,398	3,255	4,899	2,530	19.47	15.75	19.77	23.46	2.26	1.71	1.87	1.89
5,001 to 10,000 .....	1,978	1,887	3,761	2,816	18.42	14.71	18.44	22.90	1.69	1.13	1.32	2.10
10,001 to 25,000 .....	3,015	3,667	5,526	3,482	18.15	14.22	18.72	19.37	1.42	1.11	1.14	1.47
25,001 to 50,000 .....	2,054	3,252	4,095	2,497	17.50	12.45	17.36	19.65	1.48	1.20	1.18	1.38
50,001 to 100,000 .....	4,190	2,843	5,443	2,695	17.87	12.61	16.69	21.21	1.84	1.20	1.34	1.70
100,001 to 200,000 .....	3,686	3,388	6,850	2,163	16.43	12.42	15.27	18.26	1.65	1.36	1.65	1.60
200,001 to 500,000 .....	2,877	2,951	3,158	1,955	15.20	11.73	15.23	18.96	1.62	1.29	1.50	1.49
Over 500,000 .....	Q	2,156	4,666	3,568	Q	11.06	15.56	20.17	Q	1.61	1.77	2.08
<b>Principal Building Activity</b>												
Education .....	2,508	2,465	4,948	2,087	14.66	11.24	16.46	16.14	1.49	0.97	1.24	1.25
Food Sales .....	Q	1,192	1,814	Q	Q	16.99	19.86	Q	Q	3.72	3.73	Q
Food Service .....	Q	1,384	3,399	1,250	Q	13.95	15.70	19.37	Q	3.05	4.45	4.72
Health Care .....	1,510	1,690	2,681	1,560	13.30	10.30	12.37	15.70	2.82	2.12	2.10	2.82
Inpatient .....	Q	1,052	2,180	Q	Q	8.81	11.47	Q	Q	2.40	2.60	Q
Outpatient .....	Q	638	501	658	Q	14.27	18.76	20.17	Q	1.78	1.14	2.33
Lodging .....	1,531	1,434	2,451	2,029	14.16	11.51	14.92	18.00	Q	1.25	1.45	1.87
Mercantile .....	3,888	3,089	9,236	5,087	23.43	15.48	20.84	23.91	2.26	1.62	1.81	2.06
Retail (Other Than Mall) .....	837	1,212	2,433	1,499	20.43	13.40	19.20	24.64	1.33	1.38	1.32	1.56
Enclosed and Strip Malls .....	3,051	1,878	6,803	3,588	24.42	17.21	21.50	23.61	Q	1.83	2.09	2.38
Office .....	6,229	4,787	5,609	4,216	20.44	14.72	17.05	24.13	2.07	1.60	1.48	1.74
Public Assembly .....	1,329	1,290	1,735	Q	14.22	12.54	15.87	22.31	Q	1.28	1.48	2.03
Public Order and Safety .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Religious Worship .....	425	693	1,071	268	13.02	11.76	18.66	18.86	0.68	0.62	0.71	0.52
Service .....	942	1,434	1,535	867	15.97	13.09	Q	16.33	1.27	1.11	1.13	1.31
Warehouse and Storage .....	1,056	2,724	1,928	1,187	16.66	12.08	18.24	19.36	0.69	0.90	0.49	0.76
Other .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Vacant .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Year Constructed</b>												
Before 1920 .....	1,720	1,434	617	Q	14.96	11.63	14.82	Q	1.22	0.92	1.18	Q
1920 to 1945 .....	3,431	2,880	1,337	1,298	14.98	11.01	16.78	21.31	1.33	1.37	0.98	1.38
1946 to 1959 .....	3,108	2,195	2,250	1,500	15.94	12.66	15.62	19.93	1.45	1.05	1.20	1.31
1960 to 1969 .....	3,817	2,767	3,534	2,375	16.96	12.44	16.31	18.77	2.06	1.14	1.31	1.43
1970 to 1979 .....	4,127	4,764	6,368	4,327	18.82	13.24	16.89	18.44	2.15	1.34	1.44	1.80
1980 to 1989 .....	3,726	3,509	9,517	5,390	21.03	14.25	16.90	20.74	2.22	1.58	1.63	1.97
1990 to 1999 .....	2,658	4,240	10,636	4,822	19.45	14.08	17.17	23.59	1.72	1.47	1.48	2.05
2000 to 2003 .....	1,808	1,610	4,140	1,612	Q	14.55	18.54	20.66	2.09	1.26	1.46	1.25
<b>Climate Zone: 30-Year Average</b>												
Under 2,000 CDD and --												
More than 7,000 HDD .....	3,832	7,377	N	4,098	18.16	12.87	N	13.57	1.49	1.25	N	1.34
5,500-7,000 HDD .....	10,042	14,566	N	3,313	16.81	13.10	N	15.10	1.68	1.38	N	1.48
4,000-5,499 HDD .....	10,521	1,455	7,611	Q	17.90	12.82	16.11	18.82	1.93	0.90	1.61	1.81
Fewer than 4,000 HDD .....	N	N	15,344	11,173	N	N	15.39	28.73	N	N	1.33	1.82
2,000 CDD or More and --												
Fewer than 4,000 HDD .....	N	N	15,444	1,820	N	N	19.41	21.75	N	N	1.47	2.63

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**Table C6A. Expenditures by Census Region for Sum of Major Fuels for All Buildings, 2003**

	Sum of Major Fuel Expenditures (million dollars)				Sum of Major Fuel Expenditures (dollars)							
					per Million Btu				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> .....	24,395	23,398	38,398	21,706	17.47	13.01	16.95	20.42	1.74	1.29	1.44	1.69
<b>Number of Establishments</b>												
One .....	13,370	16,206	22,598	12,980	15.89	12.84	16.44	18.83	1.66	1.31	1.33	1.67
2 to 5 .....	5,169	4,260	6,416	3,658	18.47	13.05	16.31	22.64	1.84	1.37	1.43	1.70
6 to 10 .....	1,826	1,014	2,770	1,172	19.80	12.58	18.62	20.70	2.31	1.39	2.29	1.88
11 to 20 .....	Q	997	2,673	1,361	Q	15.82	18.56	27.68	Q	1.81	1.99	2.30
More than 20 .....	Q	Q	3,826	Q	Q	Q	19.41	Q	Q	Q	1.83	Q
Currently Unoccupied .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Energy Sources (more than one may apply)</b>												
Electricity .....	24,395	23,395	38,398	21,706	17.47	13.01	16.95	20.42	1.76	1.32	1.48	1.73
Natural Gas .....	19,029	19,001	24,835	15,656	17.15	12.79	15.52	18.49	1.87	1.34	1.63	1.76
Fuel Oil .....	10,996	4,474	7,939	4,877	16.23	11.32	14.84	18.83	1.70	1.54	1.70	2.19
District Heat .....	Q	Q	Q	Q	Q	Q	13.30	Q	Q	Q	2.44	Q
<b>Energy End Uses (more than one may apply)</b>												
Buildings with Space Heating .....	24,226	23,245	36,718	19,657	17.46	12.98	16.73	19.74	1.77	1.34	1.53	1.72
Buildings with Cooling .....	22,894	21,303	37,922	20,575	17.74	13.17	16.94	20.52	1.91	1.38	1.53	1.81
Buildings with Water Heating .....	23,445	21,348	36,059	20,587	17.52	13.01	16.70	20.17	1.82	1.35	1.58	1.83

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.

**Table C7A. Consumption and Gross Energy Intensity by Census Division for Sum of Major Fuels for All Buildings, 2003: Part 1**

	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)		
	New England	Middle Atlantic	East North Central	New England	Middle Atlantic	East North Central	New England	Middle Atlantic	East North Central
<b>All Buildings</b> .....	345	1,052	1,343	3,452	10,543	12,424	99.8	99.7	108.1
<b>Building Floorspace (Square Feet)</b>									
1,001 to 5,000 .....	37	86	147	383	676	986	95.9	127.9	148.9
5,001 to 10,000 .....	39	68	83	369	800	939	106.0	85.4	88.2
10,001 to 25,000 .....	Q	121	187	674	1,448	2,113	Q	83.4	88.4
25,001 to 50,000 .....	Q	84	155	366	1,022	1,763	Q	82.5	87.6
50,001 to 100,000 .....	Q	155	160	590	1,682	1,712	Q	92.0	93.3
100,001 to 200,000 .....	Q	161	224	448	1,790	1,872	Q	90.0	119.6
200,001 to 500,000 .....	Q	177	218	Q	1,673	1,847	Q	105.8	117.9
Over 500,000 .....	Q	Q	Q	Q	1,451	1,192	Q	Q	Q
<b>Principal Building Activity</b>									
Education .....	Q	143	175	Q	1,384	1,990	Q	103.1	87.7
Food Sales .....	Q	Q	Q	Q	Q	218	Q	Q	Q
Food Service .....	Q	Q	68	Q	127	248	Q	Q	276.6
Health Care .....	Q	102	122	Q	464	551	Q	219.0	220.7
Inpatient .....	Q	Q	Q	Q	310	316	Q	Q	Q
Outpatient .....	Q	Q	Q	Q	Q	235	Q	Q	Q
Lodging .....	Q	Q	70	374	797	548	Q	Q	126.7
Mercantile .....	Q	104	148	699	Q	1,373	Q	Q	108.1
Retail (Other Than Mall) .....	Q	30	59	Q	419	544	Q	72.3	108.4
Enclosed and Strip Malls .....	Q	Q	89	488	Q	829	Q	Q	107.9
Office .....	66	239	263	578	2,434	2,190	114.6	98.0	120.1
Public Assembly .....	Q	Q	80	Q	769	635	Q	Q	126.8
Public Order and Safety .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Religious Worship .....	Q	28	41	Q	474	720	Q	58.1	56.4
Service .....	Q	45	78	Q	620	775	Q	72.0	100.8
Warehouse and Storage .....	Q	55	175	Q	1,112	2,023	Q	49.2	86.4
Other .....	Q	Q	Q	Q	501	248	Q	Q	Q
Vacant .....	Q	Q	Q	Q	Q	791	Q	Q	Q
<b>Year Constructed</b>									
Before 1920 .....	39	76	84	450	962	999	86.5	79.0	84.5
1920 to 1945 .....	Q	183	216	660	1,918	1,603	Q	95.5	135.0
1946 to 1959 .....	Q	171	134	Q	1,785	1,519	Q	95.6	88.3
1960 to 1969 .....	Q	158	150	407	1,451	1,568	Q	109.1	95.7
1970 to 1979 .....	Q	168	266	493	1,423	2,425	Q	117.9	109.8
1980 to 1989 .....	Q	130	200	440	1,235	1,696	Q	105.3	117.7
1990 to 1999 .....	Q	106	213	243	1,301	1,768	Q	81.2	120.4
2000 to 2003 .....	Q	Q	79	Q	467	845	Q	Q	93.7
<b>Climate Zone: 30-Year Average</b>									
Under 2,000 CDD and --									
More than 7,000 HDD .....	62	Q	333	Q	1,577	3,208	63.1	94.2	103.8
5,500-7,000 HDD .....	282	315	1,010	2,463	3,526	9,215	114.5	89.4	109.6
4,000-5,499 HDD .....	N	588	N	N	5,440	N	N	108.0	N
Fewer than 4,000 HDD .....	N	N	N	N	N	N	N	N	N
2,000 CDD or More and --									
Fewer than 4,000 HDD .....	N	N	N	N	N	N	N	N	N

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**Table C7A. Consumption and Gross Energy Intensity by Census Division for Sum of Major Fuels for All Buildings, 2003: Part 1**

	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)		
	New England	Middle Atlantic	East North Central	New England	Middle Atlantic	East North Central	New England	Middle Atlantic	East North Central
<b>All Buildings</b> .....	345	1,052	1,343	3,452	10,543	12,424	99.8	99.7	108.1
<b>Number of Establishments</b>									
One .....	198	643	952	1,784	6,277	8,315	111.2	102.4	114.5
2 to 5 .....	69	211	231	756	2,046	2,096	91.2	103.1	110.0
6 to 10 .....	Q	56	55	Q	548	459	Q	101.5	118.8
11 to 20 .....	Q	Q	58	Q	509	501	Q	Q	116.4
More than 20 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Currently Unoccupied .....	Q	Q	Q	Q	Q	756	Q	Q	Q
<b>Energy Sources (more than one may apply)</b>									
Electricity .....	345	1,052	1,343	3,430	10,469	12,202	100.5	100.4	110.0
Natural Gas .....	227	883	1,115	1,861	8,301	10,356	122.0	106.3	107.7
Fuel Oil .....	170	507	277	1,781	4,682	1,871	95.7	108.3	148.1
District Heat .....	Q	Q	Q	Q	1,082	1,420	Q	Q	Q
<b>Energy End Uses (more than one may apply)</b>									
Buildings with Space Heating .....	343	1,045	1,337	3,307	10,368	12,052	103.6	100.8	110.9
Buildings with Cooling .....	303	988	1,187	2,492	9,523	10,585	121.5	103.7	112.2
Buildings with Water Heating .....	336	1,002	1,204	3,209	9,666	10,951	104.6	103.7	109.9

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.

**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
<b>All Buildings</b> .....	456	1,241	340	5,680	13,999	3,719	80.2	88.7	91.4
<b>Building Floorspace (Square Feet)</b>									
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
<b>Principal Building Activity</b>									
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
<b>Year Constructed</b>									
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
<b>Climate Zone: 30-Year Average</b>									
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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**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
<b>All Buildings</b> .....	456	1,241	340	5,680	13,999	3,719	80.2	88.7	91.4
<b>Number of Establishments</b>									
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
<b>Energy Sources (more than one may apply)</b>									
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
<b>Energy End Uses (more than one may apply)</b>									
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.



**Table C9A. Consumption and Gross Energy Intensity by Census Division for Sum of Major Fuels for All Buildings, 2003: Part 3**

	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 South Central	Mountain	Pacific	West South Central	Mountain	Pacific	West South Central	Mountain	Pacific
<b>All Buildings</b> .....	684	446	617	9,022	4,207	8,613	75.8	106.1	71.6
<b>Building Floorspace (Square Feet)</b>									
1,001 to 5,000 .....	87	44	64	788	466	871	110.9	94.8	73.0
5,001 to 10,000 .....	67	39	84	957	465	878	69.7	84.8	95.1
10,001 to 25,000 .....	77	91	89	1,555	933	1,429	49.4	97.2	62.4
25,001 to 50,000 .....	70	56	71	1,062	568	1,239	65.8	98.2	57.5
50,001 to 100,000 .....	92	49	78	1,514	492	1,092	61.0	100.2	71.2
100,001 to 200,000 .....	119	Q	79	1,426	346	1,007	83.4	Q	78.0
200,001 to 500,000 .....	60	Q	68	749	339	977	80.4	Q	69.6
Over 500,000 .....	Q	Q	Q	Q	Q	1,119	Q	Q	Q
<b>Principal Building Activity</b>									
Education .....	74	53	76	1,198	640	1,027	61.4	82.9	74.3
Food Sales .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Food Service .....	Q	Q	Q	232	Q	232	Q	Q	Q
Health Care .....	59	Q	57	309	230	323	192.3	Q	177.7
Inpatient .....	Q	Q	Q	235	Q	176	Q	Q	Q
Outpatient .....	Q	Q	Q	Q	Q	147	Q	Q	Q
Lodging .....	Q	Q	47	387	438	649	Q	Q	71.8
Mercantile .....	148	86	127	1,778	742	1,732	83.1	115.6	73.4
Retail (Other Than Mall) .....	39	Q	40	594	210	753	66.3	Q	52.8
Enclosed and Strip Malls .....	108	Q	Q	1,185	532	979	91.4	Q	Q
Office .....	124	58	117	1,343	629	1,796	92.3	91.9	65.1
Public Assembly .....	Q	Q	Q	498	Q	468	Q	Q	Q
Public Order and Safety .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Religious Worship .....	20	Q	Q	467	Q	341	42.1	Q	Q
Service .....	Q	Q	Q	298	345	319	Q	Q	Q
Warehouse and Storage .....	30	Q	25	1,740	506	1,066	17.5	Q	23.3
Other .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Vacant .....	Q	Q	Q	350	Q	Q	Q	Q	Q
<b>Year Constructed</b>									
Before 1920 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
1920 to 1945 .....	Q	Q	48	398	Q	804	Q	Q	59.7
1946 to 1959 .....	33	25	50	500	255	891	65.7	98.4	56.3
1960 to 1969 .....	46	64	63	697	615	1,045	66.3	103.4	60.3
1970 to 1979 .....	138	133	101	1,865	1,135	1,272	74.1	117.4	79.7
1980 to 1989 .....	201	Q	162	2,270	743	1,994	88.6	131.7	81.2
1990 to 1999 .....	167	64	140	2,126	698	1,648	78.5	92.1	85.0
2000 to 2003 .....	65	36	42	1,026	489	797	63.5	73.7	52.7
<b>Climate Zone: 30-Year Average</b>									
Under 2,000 CDD and --									
More than 7,000 HDD .....	N	244	Q	N	2,446	Q	N	99.9	95.1
5,500-7,000 HDD .....	N	136	83	N	1,181	Q	N	115.5	78.8
4,000-5,499 HDD .....	Q	N	Q	Q	N	718	Q	N	96.4
Fewer than 4,000 HDD .....	195	N	389	2,255	N	6,125	86.7	N	63.5
2,000 CDD or More and --									
Fewer than 4,000 HDD .....	457	65	Q	6,258	580	Q	73.0	112.9	Q

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**Table C9A. Consumption and Gross Energy Intensity by Census Division for Sum of Major Fuels for All Buildings, 2003: Part 3**

	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 South Central	Mountain	Pacific	West South Central	Mountain	Pacific	West South Central	Mountain	Pacific
<b>All Buildings</b> .....	684	446	617	9,022	4,207	8,613	75.8	106.1	71.6
<b>Number of Establishments</b>									
One .....	399	308	381	5,339	2,794	4,982	74.8	110.1	76.6
2 to 5 .....	111	53	109	1,574	595	1,560	70.5	88.9	69.7
6 to 10 .....	Q	Q	26	359	257	367	Q	Q	72.1
11 to 20 .....	Q	Q	Q	412	Q	414	Q	Q	Q
More than 20 .....	Q	Q	Q	992	Q	1,023	Q	Q	Q
Currently Unoccupied .....	Q	Q	Q	346	Q	Q	Q	Q	Q
<b>Energy Sources (more than one may apply)</b>									
Electricity .....	683	446	617	8,634	4,165	8,376	79.2	107.1	73.7
Natural Gas .....	531	389	457	5,453	3,263	5,644	97.4	119.3	81.0
Fuel Oil .....	160	Q	149	1,361	655	1,575	117.6	Q	94.5
District Heat .....	Q	Q	Q	Q	253	413	Q	Q	Q
<b>Energy End Uses (more than one may apply)</b>									
Buildings with Space Heating .....	668	431	565	8,029	4,013	7,404	83.1	107.5	76.3
Buildings with Cooling .....	676	420	583	8,226	3,756	7,591	82.2	111.7	76.8
Buildings with Water Heating .....	640	436	584	7,380	3,935	7,292	86.8	110.9	80.1

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/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. • 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.

**Table C10A. Consumption and Gross Energy Intensity by Climate Zone<sup>a</sup> for All Buildings, 2003**

	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)				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
<b>All Buildings</b> .....	1,086	1,929	1,243	1,386	879	11,529	18,808	12,503	17,630	11,189	94.2	102.6	99.4	78.6	78.6
<b>Building Floorspace (Square Feet)</b>															
1,001 to 5,000 .....	143	187	90	170	95	1,313	1,709	1,010	1,915	975	108.7	109.6	88.8	89.0	97.9
5,001 to 10,000 .....	110	137	91	156	69	1,248	1,725	1,077	2,024	959	88.1	79.3	84.6	77.1	71.7
10,001 to 25,000 .....	183	286	146	166	118	2,406	3,506	1,498	3,176	2,073	75.9	81.6	97.6	52.3	56.9
25,001 to 50,000 .....	146	212	125	152	107	1,547	2,424	1,382	2,381	1,647	94.4	87.6	90.3	63.7	64.8
50,001 to 100,000 .....	149	273	183	191	118	1,480	2,780	2,011	2,352	1,668	100.8	98.0	90.8	81.2	70.6
100,001 to 200,000 .....	117	336	187	283	141	1,311	2,889	1,881	2,597	1,538	89.4	116.3	99.2	109.1	91.7
200,001 to 500,000 .....	129	226	168	136	94	1,150	2,007	1,678	1,612	1,047	111.8	112.5	99.8	84.1	89.6
Over 500,000 .....	Q	272	254	132	Q	1,073	1,766	1,966	1,573	1,282	Q	153.8	129.4	83.9	Q
<b>Principal Building Activity</b>															
Education .....	141	238	131	186	123	1,537	2,800	1,403	2,435	1,698	91.6	85.2	93.5	76.6	72.6
Food Sales .....	Q	Q	Q	Q	Q	271	368	Q	273	Q	Q	Q	Q	Q	Q
Food Service .....	52	96	Q	134	Q	227	400	219	440	366	230.1	238.7	Q	305.4	Q
Health Care .....	96	161	108	145	83	475	784	564	844	496	202.4	205.8	191.4	171.9	167.7
Inpatient .....	65	127	Q	127	Q	262	450	323	592	278	246.1	283.3	Q	215.0	Q
Outpatient .....	Q	34	Q	Q	Q	213	334	240	252	218	Q	101.5	Q	Q	Q
Lodging .....	69	174	110	104	Q	768	1,314	1,132	1,275	608	90.1	132.1	Q	81.4	Q
Mercantile .....	169	232	163	247	210	1,617	2,337	1,694	3,346	2,197	104.7	99.2	96.3	73.8	95.7
Retail (Other Than Mall) .....	73	64	54	74	55	710	865	695	1,454	592	103.0	73.5	77.7	50.7	92.0
Enclosed and Strip Malls .....	96	168	109	173	156	907	1,473	Q	1,892	1,604	106.1	114.3	109.3	91.5	97.0
Office .....	145	364	298	162	165	1,593	3,165	3,125	2,341	1,985	90.7	114.9	95.4	69.3	83.2
Public Assembly .....	90	74	70	101	35	876	818	806	910	529	102.2	90.8	Q	111.1	65.8
Public Order and Safety .....	Q	Q	Q	Q	Q	Q	360	Q	Q	Q	Q	Q	Q	Q	Q
Religious Worship .....	26	62	26	31	19	408	1,320	499	1,039	488	62.9	46.9	52.8	29.4	38.2
Service .....	95	84	64	49	Q	944	1,185	644	969	308	100.4	71.2	99.5	50.3	Q
Warehouse and Storage .....	78	201	73	73	31	1,704	2,639	1,479	2,419	1,836	45.7	76.1	49.5	30.1	16.9
Other .....	Q	Q	Q	Q	Q	334	467	Q	Q	Q	Q	Q	Q	Q	Q
Vacant .....	Q	Q	Q	Q	Q	543	849	Q	569	318	Q	Q	Q	Q	Q
<b>Year Constructed</b>															
Before 1920 .....	109	99	Q	Q	Q	1,227	1,413	731	290	Q	88.6	70.2	89.0	Q	Q
1920 to 1945 .....	86	262	199	57	Q	1,089	2,266	1,985	1,239	405	79.3	115.5	100.2	45.7	Q
1946 to 1959 .....	86	236	124	114	28	1,093	2,508	1,446	1,663	552	78.7	94.2	86.0	68.3	49.9
1960 to 1969 .....	156	254	158	141	81	1,447	2,576	1,576	1,997	1,046	108.0	98.8	100.3	70.5	77.7
1970 to 1979 .....	274	344	212	217	143	2,496	3,259	1,942	2,783	1,796	109.8	105.7	109.2	77.9	79.9
1980 to 1989 .....	110	343	222	354	217	1,123	2,808	2,110	3,850	2,576	98.2	122.2	105.3	91.9	84.3
1990 to 1999 .....	195	266	164	371	264	2,120	2,655	1,764	4,207	3,235	92.2	100.3	93.1	88.3	81.6
2000 to 2003 .....	69	124	98	112	108	934	1,322	949	1,601	1,456	73.6	93.5	103.3	70.0	74.4
<b>Census Region and Division</b>															
Northeast .....	211	597	588	N	N	2,567	5,989	5,440	N	N	82.2	99.8	108.0	N	N
New England .....	62	282	N	N	N	Q	2,463	N	N	N	63.1	114.5	N	N	N
Middle Atlantic .....	Q	315	588	N	N	1,577	3,526	5,440	N	N	94.2	89.4	108.0	N	N
Midwest .....	573	1,112	114	N	N	5,910	10,584	1,609	N	N	97.0	105.1	70.5	N	N
East North Central .....	333	1,010	N	N	N	3,208	9,215	N	N	N	103.8	109.6	N	N	N
West North Central .....	240	102	114	N	N	2,702	Q	1,609	N	N	88.9	74.6	70.5	N	N
South .....	N	N	472	997	796	N	N	4,736	11,506	10,497	N	N	99.7	86.6	75.8
South Atlantic .....	N	N	311	635	296	N	N	3,065	7,126	3,807	N	N	101.4	89.0	77.7
East South Central .....	N	N	Q	Q	Q	N	N	Q	Q	Q	N	N	112.3	78.5	98.9
West South Central .....	N	N	Q	195	457	N	N	Q	2,255	6,258	N	N	Q	86.7	73.0
West .....	302	219	Q	389	84	3,052	2,234	718	6,125	692	99.0	98.2	96.4	63.5	121.0
Mountain .....	244	136	N	N	65	2,446	1,181	N	N	580	99.9	115.5	N	N	112.9
Pacific .....	Q	83	Q	389	Q	Q	Q	718	6,125	Q	95.1	78.8	96.4	63.5	Q

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**Table C10A. Consumption and Gross Energy Intensity by Climate Zone<sup>a</sup> for All Buildings, 2003**

	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)				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
<b>All Buildings</b> .....	1,086	1,929	1,243	1,386	879	11,529	18,808	12,503	17,630	11,189	94.2	102.6	99.4	78.6	78.6
<b>Number of Establishments</b>															
One .....	696	1,333	777	896	465	7,138	12,514	7,713	11,616	6,163	97.6	106.5	100.7	77.1	75.5
2 to 5 .....	252	321	196	276	117	2,527	3,217	2,021	3,008	1,792	99.8	99.6	96.8	91.6	65.4
6 to 10 .....	57	117	60	51	93	584	867	530	586	791	97.8	135.0	113.5	86.7	117.6
11 to 20 .....	Q	80	64	72	68	Q	747	793	694	723	Q	106.9	80.5	104.3	94.7
More than 20 .....	Q	Q	Q	89	134	538	641	1,227	1,236	1,417	Q	Q	Q	72.4	94.7
Currently Unoccupied .....	Q	Q	Q	Q	Q	Q	821	Q	491	303	Q	Q	Q	Q	Q
<b>Energy Sources (more than one may apply)</b>															
Electricity .....	1,086	1,929	1,243	1,386	879	11,300	18,549	12,374	17,064	10,894	96.1	104.0	100.4	81.2	80.7
Natural Gas .....	893	1,551	990	1,054	555	8,486	14,122	8,970	11,796	5,098	105.2	109.8	110.3	89.3	108.9
Fuel Oil .....	303	529	539	284	212	2,624	4,285	4,950	2,528	1,878	115.6	123.4	108.8	112.3	112.9
District Heat .....	Q	Q	228	Q	Q	825	1,917	1,349	1,025	460	Q	Q	168.7	Q	Q
<b>Energy End Uses (more than one may apply)</b>															
Buildings with Space Heating .....	1,081	1,917	1,236	1,330	806	10,996	18,181	12,238	15,705	9,325	98.3	105.5	101.0	84.7	86.4
Buildings with Cooling .....	1,001	1,717	1,210	1,348	873	9,438	15,947	11,906	15,798	10,472	106.1	107.7	101.7	85.3	83.4
Buildings with Water Heating .....	1,058	1,731	1,223	1,325	821	10,335	16,526	11,765	14,976	9,225	102.4	104.8	103.9	88.5	89.0

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/cbecs>.

a Climate zone (30-year average) definitions: Zone 1 = Under 2,000 CDD and more than 7,000 HDD; Zone 2 = Under 2,000 CDD and 5,500-7,000 HDD; Zone 3 = Under 2,000 CDD and 4,000-5,499 HDD; Zone 4 = Under 2,000 CDD and fewer than 4,000 HDD; Zone 5 = 2,000 CDD or more and fewer than 4,000 HDD. (See "Glossary" for definitions of CDD and HDD.)

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.

**Table C11A. Consumption and Gross Energy Intensity by Building Size for Sum of Major Fuels for All Buildings, 2003**

	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)		
	1,001 to 10,000 Square Feet	10,001 to 100,000 Square Feet	Over 100,000 Square Feet	1,001 to 10,000 Square Feet	10,001 to 100,000 Square Feet	Over 100,000 Square Feet	1,001 to 10,000 Square Feet	10,001 to 100,000 Square Feet	Over 100,000 Square Feet
<b>All Buildings</b> .....	1,248	2,553	2,721	13,955	32,332	25,371	89.4	79.0	107.3
<b>Principal Building Activity</b>									
Education .....	63	423	334	808	5,378	3,687	78.3	78.6	90.7
Food Sales .....	144	Q	Q	765	467	Q	188.5	Q	Q
Food Service .....	318	108	Q	986	664	Q	322.9	163.2	Q
Health Care .....	32	104	457	445	835	1,883	71.8	125.1	242.9
Inpatient .....	N	Q	436	N	182	1,723	N	Q	252.9
Outpatient .....	32	66	Q	445	652	160	71.8	100.5	Q
Lodging .....	29	207	273	260	2,274	2,563	111.0	91.2	106.7
Mercantile .....	171	482	369	1,944	5,204	4,044	87.9	92.6	91.2
Retail (Other Than Mall) .....	110	137	72	1,363	2,133	821	80.9	64.1	87.8
Enclosed and Strip Malls .....	61	345	297	581	3,071	3,223	104.4	112.4	92.0
Office .....	171	412	551	2,320	4,602	5,286	73.5	89.5	104.2
Public Assembly .....	59	150	Q	854	1,851	1,233	69.5	80.8	Q
Public Order and Safety .....	22	Q	Q	231	390	Q	94.3	Q	Q
Religious Worship .....	54	100	Q	1,160	2,391	Q	46.5	41.8	Q
Service .....	120	144	Q	1,755	1,862	Q	68.4	77.2	Q
Warehouse and Storage .....	47	157	253	1,763	4,601	3,714	26.4	34.1	68.0
Other .....	Q	100	Q	215	601	922	Q	166.8	Q
Vacant .....	Q	Q	Q	447	1,211	909	Q	Q	Q
<b>Year Constructed</b>									
Before 1920 .....	78	163	Q	998	1,981	805	77.7	82.3	Q
1920 to 1945 .....	132	185	314	1,647	2,557	2,781	80.2	72.2	113.0
1946 to 1959 .....	118	229	241	1,556	3,347	2,359	75.6	68.5	102.1
1960 to 1969 .....	136	385	270	1,594	4,491	2,556	85.1	85.7	105.8
1970 to 1979 .....	228	457	506	2,458	5,516	4,301	92.6	82.9	117.6
1980 to 1989 .....	200	433	614	2,068	4,953	5,446	96.6	87.4	112.8
1990 to 1999 .....	284	485	492	2,607	6,647	4,726	109.0	73.0	104.1
2000 to 2003 .....	74	216	221	1,028	2,839	2,396	71.7	76.2	92.1
<b>Census Region and Division</b>									
Northeast .....	231	518	648	2,228	5,782	5,985	103.5	89.6	108.2
New England .....	76	158	111	752	1,630	1,071	100.9	96.9	103.4
Middle Atlantic .....	155	360	537	1,476	4,152	4,914	104.9	86.7	109.2
Midwest .....	335	744	719	3,584	8,405	6,115	93.5	88.6	117.6
East North Central .....	230	501	612	1,925	5,588	4,911	119.3	89.6	124.7
West North Central .....	105	244	107	1,659	2,816	1,204	63.5	86.5	88.8
South .....	452	857	956	5,462	12,392	8,885	82.7	69.2	107.6
South Atlantic .....	234	440	567	2,751	6,107	5,141	85.1	72.1	110.3
East South Central .....	63	178	99	967	2,155	597	65.7	82.6	165.0
West South Central .....	154	239	290	1,745	4,131	3,146	88.3	57.8	92.3
West .....	231	434	398	2,681	5,753	4,386	86.1	75.4	90.8
Mountain .....	84	196	167	931	1,993	1,282	89.8	98.2	130.1
Pacific .....	147	238	232	1,749	3,760	3,104	84.1	63.4	74.6
<b>Climate Zone: 30-Year Average</b>									
Under 2,000 CDD and --									
More than 7,000 HDD .....	253	478	356	2,561	5,433	3,534	98.7	87.9	100.6
5,500-7,000 HDD .....	324	771	834	3,434	8,711	6,662	94.4	88.5	125.1
4,000-5,499 HDD .....	181	454	609	2,087	4,890	5,525	86.6	92.7	110.1
Fewer than 4,000 HDD .....	326	509	551	3,939	7,909	5,782	82.9	64.3	95.3
2,000 CDD or More and --									
Fewer than 4,000 HDD .....	164	342	373	1,933	5,388	3,868	84.9	63.6	96.4

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**Table C11A. Consumption and Gross Energy Intensity by Building Size for Sum of Major Fuels for All Buildings, 2003**

	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)		
	1,001 to 10,000 Square Feet	10,001 to 100,000 Square Feet	Over 100,000 Square Feet	1,001 to 10,000 Square Feet	10,001 to 100,000 Square Feet	Over 100,000 Square Feet	1,001 to 10,000 Square Feet	10,001 to 100,000 Square Feet	Over 100,000 Square Feet
<b>All Buildings</b> .....	1,248	2,553	2,721	13,955	32,332	25,371	89.4	79.0	107.3
<b>Number of Establishments</b>									
One .....	1,035	1,657	1,474	10,917	21,123	13,104	94.8	78.5	112.5
2 to 5 .....	188	487	487	2,411	6,221	3,934	77.8	78.2	123.8
6 to 10 .....	Q	211	148	192	2,060	1,106	Q	102.2	133.7
11 to 20 .....	Q	147	159	Q	1,548	1,819	Q	95.3	87.6
More than 20 .....	Q	Q	431	Q	462	4,571	Q	Q	94.4
Currently Unoccupied .....	Q	Q	Q	405	918	838	Q	Q	Q
<b>Energy Sources (more than one may apply)</b>									
Electricity .....	1,248	2,553	2,721	13,124	31,858	25,200	95.1	80.1	108.0
Natural Gas .....	898	2,003	2,141	7,144	21,928	19,401	125.7	91.3	110.3
Fuel Oil .....	125	385	1,357	1,342	3,790	11,133	93.5	101.5	121.9
District Heat .....	Q	239	775	Q	1,232	4,244	Q	194.3	182.7
<b>Energy End Uses (more than one may apply)</b>									
Buildings with Space Heating .....	1,188	2,506	2,676	11,995	29,981	24,471	99.0	83.6	109.4
Buildings with Cooling .....	1,135	2,440	2,575	10,933	28,985	23,642	103.8	84.2	108.9
Buildings with Water Heating .....	1,146	2,453	2,559	10,566	28,569	23,692	108.5	85.9	108.0

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/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.

**Table C12A. Consumption and Gross Energy Intensity by Year Constructed for Sum of Major Fuels for All Buildings, 2003**

	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)		
	1959 or Before	1960 to 1989	1990 to 2003	1959 or Before	1960 to 1989	1990 to 2003	1959 or Before	1960 to 1989	1990 to 2003
<b>All Buildings</b> .....	1,522	3,228	1,772	18,031	33,384	20,243	84.4	96.7	87.6
<b>Building Floorspace (Square Feet)</b>									
1,001 to 5,000 .....	193	300	193	2,168	2,904	1,850	89.0	103.2	104.2
5,001 to 10,000 .....	134	263	165	2,032	3,217	1,784	66.0	81.9	92.5
10,001 to 25,000 .....	241	432	226	3,273	5,679	3,707	73.6	76.1	60.9
25,001 to 50,000 .....	181	370	191	2,517	4,518	2,347	71.8	81.8	81.5
50,001 to 100,000 .....	156	473	285	2,095	4,763	3,433	74.3	99.3	82.9
100,001 to 200,000 .....	219	523	323	2,161	4,706	3,350	101.1	111.1	96.5
200,001 to 500,000 .....	221	371	160	2,179	3,623	1,692	101.4	102.3	94.3
Over 500,000 .....	179	497	Q	1,606	3,974	2,080	111.2	125.0	Q
<b>Principal Building Activity</b>									
Education .....	248	385	187	3,191	4,359	2,324	77.6	88.4	80.6
Food Sales .....	Q	116	Q	277	587	391	Q	197.0	Q
Food Service .....	89	152	187	613	524	517	144.4	290.1	361.2
Health Care .....	130	361	103	730	1,671	762	177.7	215.8	135.7
Inpatient .....	Q	311	Q	456	1,218	231	Q	255.3	Q
Outpatient .....	Q	50	45	273	453	531	Q	109.6	84.4
Lodging .....	109	286	114	1,236	2,564	1,296	Q	111.7	88.1
Mercantile .....	110	549	362	1,372	5,983	3,836	80.4	91.8	94.4
Retail (Other Than Mall) .....	76	115	128	1,026	1,804	1,487	73.9	63.5	86.4
Enclosed and Strip Malls .....	Q	434	234	346	4,179	2,350	Q	103.9	99.5
Office .....	267	641	226	2,852	6,792	2,563	93.6	94.4	88.0
Public Assembly .....	90	156	124	1,455	1,450	1,035	62.0	107.6	119.7
Public Order and Safety .....	Q	39	Q	Q	385	453	Q	101.3	Q
Religious Worship .....	71	53	39	1,522	1,328	904	46.6	39.9	43.3
Service .....	66	168	78	1,057	1,954	1,040	62.8	85.9	74.8
Warehouse and Storage .....	166	156	134	2,029	4,014	4,034	81.6	38.8	33.3
Other .....	Q	142	Q	372	693	673	Q	Q	Q
Vacant .....	Q	Q	Q	1,073	1,080	415	Q	Q	Q
<b>Census Region and Division</b>									
Northeast .....	539	622	235	6,140	5,448	2,407	87.8	114.1	97.8
New England .....	109	166	Q	1,475	1,339	638	74.0	123.7	Q
Middle Atlantic .....	430	456	166	4,665	4,109	1,769	92.1	111.0	93.7
Midwest .....	558	829	412	5,744	8,197	4,162	97.2	101.1	98.9
East North Central .....	435	616	292	4,121	5,690	2,613	105.5	108.3	111.8
West North Central .....	123	213	120	1,623	2,507	1,550	76.0	84.8	77.3
South .....	265	1,157	843	3,764	12,934	10,041	70.5	89.4	83.9
South Atlantic .....	157	567	517	2,120	6,185	5,694	74.1	91.7	90.8
East South Central .....	42	204	94	605	1,917	1,196	69.8	106.5	78.2
West South Central .....	66	385	232	1,038	4,832	3,151	63.7	79.8	73.6
West .....	160	621	282	2,383	6,805	3,632	67.0	91.3	77.7
Mountain .....	51	295	100	526	2,494	1,187	97.1	118.2	84.5
Pacific .....	109	326	182	1,857	4,311	2,445	58.5	75.7	74.5
<b>Climate Zone: 30-Year Average</b>									
Under 2,000 CDD and --									
More than 7,000 HDD .....	281	541	264	3,409	5,066	3,054	82.5	106.7	86.5
5,500-7,000 HDD .....	597	942	390	6,188	8,643	3,977	96.5	109.0	98.0
4,000-5,499 HDD .....	388	592	262	4,162	5,628	2,714	93.3	105.2	96.7
Fewer than 4,000 HDD .....	191	712	484	3,192	8,630	5,808	59.7	82.4	83.2
2,000 CDD or More and --									
Fewer than 4,000 HDD .....	65	442	372	1,080	5,418	4,691	60.3	81.5	79.4

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**Table C12A. Consumption and Gross Energy Intensity by Year Constructed for Sum of Major Fuels for All Buildings, 2003**

	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)		
	1959 or Before	1960 to 1989	1990 to 2003	1959 or Before	1960 to 1989	1990 to 2003	1959 or Before	1960 to 1989	1990 to 2003
<b>All Buildings</b> .....	1,522	3,228	1,772	18,031	33,384	20,243	84.4	96.7	87.6
<b>Number of Establishments</b>									
One .....	1,095	1,929	1,143	12,247	19,473	13,424	89.4	99.0	85.2
2 to 5 .....	253	608	300	3,085	6,096	3,384	81.9	99.8	88.7
6 to 10 .....	45	206	127	511	1,879	968	88.3	109.5	131.5
11 to 20 .....	Q	189	84	635	1,819	915	Q	103.8	91.3
More than 20 .....	Q	279	Q	648	3,239	1,174	Q	86.2	Q
Currently Unoccupied .....	Q	Q	Q	905	879	Q	Q	Q	Q
<b>Energy Sources (more than one may apply)</b>									
Electricity .....	1,522	3,228	1,772	17,509	32,945	19,727	86.9	98.0	89.8
Natural Gas .....	1,115	2,514	1,413	12,407	22,762	13,304	89.8	110.4	106.2
Fuel Oil .....	491	969	407	5,089	7,573	3,603	96.4	127.9	113.0
District Heat .....	354	490	Q	2,206	2,330	1,041	160.6	210.4	Q
<b>Energy End Uses (more than one may apply)</b>									
Buildings with Space Heating .....	1,498	3,154	1,718	16,783	31,413	18,251	89.3	100.4	94.1
Buildings with Cooling .....	1,263	3,139	1,748	14,196	30,929	18,436	88.9	101.5	94.8
Buildings with Water Heating .....	1,322	3,114	1,722	14,878	30,250	17,699	88.8	103.0	97.3

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.



**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

**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>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.

**Table C14A. Electricity Consumption and Expenditure Intensities for All Buildings, 2003**

	Electricity Consumption					Electricity Expenditures		
	per Building (thousand kWh)	per Square Foot (kWh)	Distribution of Building-Level Intensities (kWh/square foot)			per Building (thousand dollars)	per Square Foot (dollars)	per kWh (dollars)
			25th Per-centile	Median	75th Per-centile			
<b>All Buildings</b> .....	226	14.9	3.8	8.8	18.1	17.9	1.18	0.079
<b>Building Floorspace (Square Feet)</b>								
1,001 to 5,000 .....	48	17.8	3.8	9.0	20.0	4.4	1.63	0.092
5,001 to 10,000 .....	96	12.9	4.0	8.2	15.5	9.2	1.23	0.096
10,001 to 25,000 .....	178	11.4	3.1	7.2	15.0	15.2	0.97	0.086
25,001 to 50,000 .....	459	12.8	4.4	9.6	16.9	36.2	1.01	0.079
50,001 to 100,000 .....	1,049	14.9	5.2	11.4	20.7	80.1	1.14	0.076
100,001 to 200,000 .....	2,344	16.9	6.1	15.8	24.3	163.1	1.18	0.070
200,001 to 500,000 .....	4,374	15.2	6.1	13.2	20.6	307.6	1.07	0.070
Over 500,000 .....	17,978	19.2	11.5	18.0	23.4	1366.9	1.46	0.076
<b>Principal Building Activity</b>								
Education .....	283	11.0	4.9	8.9	13.6	21.1	0.82	0.075
Food Sales .....	276	49.4	33.4	48.0	77.0	20.9	3.74	0.076
Food Service .....	213	38.4	18.8	37.4	70.3	17.4	3.13	0.082
Health Care .....	564	22.9	6.1	12.0	18.4	37.9	1.54	0.067
Inpatient .....	6,628	27.5	21.8	24.0	35.6	405.3	1.68	0.061
Outpatient .....	168	16.1	5.8	11.3	16.5	13.9	1.34	0.083
Lodging .....	483	13.5	6.7	11.9	17.7	37.1	1.04	0.077
Mercantile .....	327	19.2	6.1	12.7	21.9	28.8	1.69	0.088
Retail (Other Than Mall) .....	139	14.3	4.3	9.4	18.4	11.6	1.19	0.083
Enclosed and Strip Malls .....	718	22.3	12.7	18.0	25.4	64.4	2.00	0.090
Office .....	256	17.3	6.5	11.5	17.6	20.7	1.40	0.081
Public Assembly .....	179	12.5	2.2	5.1	11.3	14.4	1.00	0.080
Public Order and Safety .....	237	15.3	4.0	7.9	17.6	17.2	1.12	0.073
Religious Worship .....	49	4.9	1.9	3.5	6.0	4.4	0.43	0.089
Service .....	73	11.0	3.0	6.3	11.8	5.8	0.88	0.080
Warehouse and Storage .....	154	7.6	1.4	3.1	6.2	10.8	0.53	0.070
Other .....	510	22.5	3.5	7.2	20.3	40.0	1.76	0.078
Vacant .....	42	2.4	0.4	1.7	3.8	3.9	0.22	0.092
<b>Year Constructed</b>								
Before 1920 .....	83	7.1	1.7	3.9	9.6	7.3	0.62	0.088
1920 to 1945 .....	124	9.4	3.3	7.1	14.1	10.6	0.80	0.085
1946 to 1959 .....	131	10.2	3.1	6.6	14.6	11.2	0.88	0.086
1960 to 1969 .....	178	12.3	3.5	7.9	15.3	14.6	1.00	0.082
1970 to 1979 .....	268	16.7	4.7	10.2	21.7	20.8	1.30	0.078
1980 to 1989 .....	317	18.8	5.1	11.2	21.6	25.0	1.49	0.079
1990 to 1999 .....	284	17.6	5.1	11.1	24.0	21.8	1.35	0.077
2000 to 2003 .....	327	16.9	3.2	8.5	18.4	25.0	1.29	0.076
<b>Census Region and Division</b>								
Northeast .....	231	12.4	2.5	6.6	15.4	22.7	1.22	0.098
New England .....	167	12.0	1.8	5.4	14.0	16.8	1.21	0.101
Middle Atlantic .....	262	12.5	3.0	7.5	17.6	25.6	1.22	0.098
Midwest .....	191	13.2	3.6	8.1	16.2	12.8	0.88	0.067
East North Central .....	244	13.8	4.3	8.7	19.2	16.7	0.94	0.068
West North Central .....	123	12.0	3.0	7.2	13.6	7.8	0.76	0.063
South .....	258	17.4	4.2	10.0	20.3	18.2	1.22	0.070
South Atlantic .....	286	18.3	4.4	10.6	20.6	19.9	1.28	0.070
East South Central .....	177	16.2	3.8	8.9	20.0	11.9	1.09	0.068
West South Central .....	261	16.3	4.1	10.0	21.3	19.0	1.19	0.073
West .....	207	14.7	4.1	9.5	16.4	20.6	1.46	0.099
Mountain .....	224	16.3	4.3	9.2	15.9	17.2	1.25	0.077
Pacific .....	199	14.0	3.9	9.7	16.7	22.3	1.57	0.112

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**Table C14A. Electricity Consumption and Expenditure Intensities for All Buildings, 2003**

	Electricity Consumption					Electricity Expenditures		
	per Building (thousand kWh)	per Square Foot (kWh)	Distribution of Building-Level Intensities (kWh/square foot)			per Building (thousand dollars)	per Square Foot (dollars)	per kWh (dollars)
			25th Per-centile	Median	75th Per-centile			
<b>All Buildings</b> .....	226	14.9	3.8	8.8	18.1	17.9	1.18	0.079
<b>Climate Zone: 30-Year Average</b>								
Under 2,000 CDD and --								
More than 7,000 HDD .....	164	12.1	2.9	7.6	15.7	12.5	0.93	0.076
5,500-7,000 HDD .....	215	13.7	3.4	7.9	15.8	16.2	1.03	0.075
4,000-5,499 HDD .....	282	15.3	4.1	9.3	18.5	23.1	1.25	0.082
Fewer than 4,000 HDD .....	208	15.3	3.9	8.8	17.1	17.6	1.29	0.085
2,000 CDD or More and --								
Fewer than 4,000 HDD .....	300	18.5	5.3	13.0	24.0	23.2	1.43	0.077
<b>Number of Establishments</b>								
One .....	174	14.1	3.7	8.3	18.2	13.5	1.09	0.077
2 to 5 .....	239	14.4	4.5	10.1	16.7	19.1	1.15	0.080
6 to 10 .....	573	20.0	10.1	16.4	23.8	47.6	1.66	0.083
11 to 20 .....	1,358	18.9	14.2	18.5	24.6	116.1	1.62	0.086
More than 20 .....	4,605	20.3	7.0	17.4	23.4	390.3	1.72	0.085
Currently Unoccupied .....	32	1.8	0.4	1.5	3.4	3.0	0.17	0.096
<b>Energy Sources (more than one may apply)</b>								
Electricity .....	226	14.9	3.8	8.8	18.1	17.9	1.18	0.079
Natural Gas .....	293	15.3	4.5	9.5	19.1	22.9	1.20	0.078
Fuel Oil .....	593	16.9	2.3	5.8	15.2	44.9	1.28	0.076
District Heat .....	1,504	18.1	6.4	12.6	20.7	101.1	1.22	0.067
<b>Energy End Uses (more than one may apply)</b>								
Buildings with Space Heating .....	241	15.2	4.3	9.2	18.5	18.9	1.19	0.078
Buildings with Cooling .....	264	15.9	5.1	10.5	20.0	20.9	1.26	0.079
Buildings with Water Heating .....	271	15.8	4.8	10.2	19.9	21.4	1.25	0.079
<b>Annual Consumption (kilowatthours)</b>								
10,000 or Less .....	5	1.3	1.0	1.9	3.2	0.6	0.17	0.124
10,001 to 50,000 .....	26	4.9	3.8	6.9	11.7	2.7	0.51	0.104
50,001 to 100,000 .....	73	8.1	6.6	11.6	21.8	7.2	0.80	0.098
100,001 to 500,000 .....	224	13.5	10.7	18.9	36.5	19.6	1.18	0.087
500,001 to 1,000,000 .....	680	15.0	12.5	17.7	30.0	56.0	1.23	0.082
1,000,001 to 5,000,000 .....	2,144	21.4	16.6	24.0	36.1	154.1	1.53	0.072
Over 5,000,000 .....	11,864	24.0	19.8	27.3	35.7	846.2	1.71	0.071

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.

**Table C15A. Electricity Consumption and Conditional Energy Intensity by Census Region for All Buildings, 2003**

	Total Electricity Consumption (billion kWh)				Total Floorspace of Buildings Using Electricity (million square feet)				Electricity Energy Intensity (kWh/square foot)			
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West
<b>All Buildings</b> .....	172	234	452	185	13,899	17,725	26,017	12,541	12.4	13.2	17.4	14.7
<b>Building Floorspace (Square Feet)</b>												
1,001 to 5,000 .....	14	30	52	19	1,031	1,742	2,410	1,296	13.5	17.4	21.5	14.6
5,001 to 10,000 .....	11	17	37	21	1,128	1,558	2,640	1,319	9.8	10.8	14.0	15.8
10,001 to 25,000 .....	22	33	59	28	2,094	3,317	4,746	2,338	10.4	10.0	12.5	12.1
25,001 to 50,000 .....	14	33	48	21	1,388	2,628	3,318	1,764	9.8	12.6	14.6	12.1
50,001 to 100,000 .....	29	32	68	24	2,272	2,376	4,059	1,558	12.6	13.5	16.8	15.7
100,001 to 200,000 .....	28	37	84	22	2,238	2,475	4,105	1,353	12.4	15.1	20.5	16.6
200,001 to 500,000 .....	24	29	42	17	1,781	2,288	2,104	1,196	13.3	12.9	20.0	14.0
Over 500,000 .....	32	22	61	32	1,967	1,341	2,635	1,717	16.1	16.4	23.2	18.7
<b>Principal Building Activity</b>												
Education .....	13	20	58	17	1,683	2,539	3,983	1,667	7.8	8.1	14.6	10.2
Food Sales .....	Q	16	24	Q	Q	305	484	Q	Q	52.5	50.5	Q
Food Service .....	Q	14	37	8	Q	453	764	265	Q	29.9	48.3	31.9
Health Care .....	10	18	31	12	535	798	1,277	553	19.4	23.2	24.5	22.5
Inpatient .....	8	12	26	7	358	438	838	270	23.2	26.4	30.5	25.3
Outpatient .....	Q	7	6	6	Q	359	438	283	Q	19.2	13.0	19.8
Lodging .....	9	15	29	16	1,171	1,144	1,694	1,087	Q	13.0	17.2	14.7
Mercantile .....	30	31	107	47	1,720	1,904	5,094	2,473	17.6	16.2	21.0	19.0
Retail (Other Than Mall) .....	6	12	29	14	630	880	1,844	963	8.8	14.2	16.0	14.8
Enclosed and Strip Malls .....	25	18	77	33	1,090	1,024	3,251	1,511	22.6	18.0	23.8	21.7
Office .....	50	53	71	36	3,012	2,989	3,782	2,425	16.5	17.9	18.8	15.0
Public Assembly .....	6	11	21	11	1,048	1,012	1,174	701	Q	10.7	17.8	16.0
Public Order and Safety .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Religious Worship .....	2	5	10	2	627	1,115	1,498	515	2.8	4.1	6.7	3.6
Service .....	5	14	18	7	731	1,259	1,335	657	6.9	10.8	13.2	11.4
Warehouse and Storage .....	9	27	25	11	1,467	2,849	3,623	1,486	5.9	9.6	6.9	7.3
Other .....	15	5	Q	Q	649	306	Q	Q	23.3	16.7	Q	Q
Vacant .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Year Constructed</b>												
Before 1920 .....	11	8	6	Q	1,395	1,535	522	Q	7.7	5.4	10.7	Q
1920 to 1945 .....	19	23	12	9	2,546	1,954	1,266	942	7.4	11.8	9.7	9.4
1946 to 1959 .....	18	18	24	12	2,139	2,071	1,823	1,022	8.4	8.9	13.0	12.1
1960 to 1969 .....	24	25	37	19	1,858	2,428	2,655	1,656	13.0	10.5	13.9	11.3
1970 to 1979 .....	31	53	78	39	1,916	3,543	4,198	2,401	16.4	15.0	18.6	16.3
1980 to 1989 .....	31	39	116	46	1,675	2,187	5,702	2,726	18.4	17.8	20.3	16.8
1990 to 1999 .....	23	47	128	42	1,530	2,781	7,067	2,322	15.0	17.0	18.2	18.3
2000 to 2003 .....	16	19	51	16	841	1,227	2,783	1,177	18.4	15.8	18.4	13.3
<b>Climate Zone: 30-Year Average</b>												
Under 2,000 CDD and --												
More than 7,000 HDD .....	26	68	N	43	2,515	5,783	N	3,002	10.3	11.8	N	14.3
5,500-7,000 HDD .....	73	147	N	35	5,958	10,372	N	2,219	12.2	14.1	N	15.8
4,000-5,499 HDD .....	73	20	86	10	5,425	1,570	4,661	718	13.5	12.5	18.4	14.5
Fewer than 4,000 HDD .....	N	N	183	78	N	N	11,153	5,911	N	N	16.4	13.1
2,000 CDD or More and --												
Fewer than 4,000 HDD .....	N	N	183	19	N	N	10,203	692	N	N	17.9	27.4

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**Table C15A. Electricity Consumption and Conditional Energy Intensity by Census Region for All Buildings, 2003**

	Total Electricity Consumption (billion kWh)				Total Floorspace of Buildings Using Electricity (million square feet)				Electricity Energy Intensity (kWh/square foot)			
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West
<b>All Buildings</b> .....	172	234	452	185	13,899	17,725	26,017	12,541	12.4	13.2	17.4	14.7
<b>Number of Establishments</b>												
One .....	92	162	265	108	7,996	12,134	16,569	7,679	11.4	13.4	16.0	14.1
2 to 5 .....	35	41	74	30	2,802	3,116	4,468	2,140	12.4	13.2	16.6	14.2
6 to 10 .....	14	11	31	11	792	730	1,212	624	17.7	15.0	25.6	18.1
11 to 20 .....	10	11	32	11	884	552	1,342	591	11.2	19.7	23.7	18.7
More than 20 .....	21	Q	49	24	1,118	Q	2,094	1,396	18.9	Q	23.5	17.2
Currently Unoccupied .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Energy Sources (more than one may apply)</b>												
Electricity .....	172	234	452	185	13,899	17,725	26,017	12,541	12.4	13.2	17.4	14.7
Natural Gas .....	136	189	286	131	10,162	14,143	15,254	8,907	13.4	13.4	18.8	14.7
Fuel Oil .....	79	52	98	46	6,464	2,894	4,663	2,230	12.2	17.9	21.0	20.6
District Heat .....	25	28	38	10	1,496	1,648	1,766	667	16.8	17.2	21.3	14.8
<b>Energy End Uses (more than one may apply)</b>												
Buildings with Space Heating .....	171	233	432	171	13,675	17,327	23,991	11,417	12.5	13.4	18.0	15.0
Buildings with Cooling .....	165	220	448	177	12,016	15,459	24,723	11,347	13.7	14.2	18.1	15.6
Buildings with Water Heating .....	168	217	429	176	12,875	15,850	22,859	11,227	13.0	13.7	18.8	15.7
<b>Annual Consumption (kilowatthours)</b>												
10,000 or Less .....	1	1	1	1	752	929	729	451	1.1	1.1	1.7	1.8
10,001 to 50,000 .....	7	13	17	9	1,811	2,288	3,405	1,767	3.6	5.5	5.0	5.1
50,001 to 100,000 .....	10	12	23	10	1,575	1,555	2,571	1,025	6.2	7.8	8.9	9.8
100,001 to 500,000 .....	30	64	95	49	3,118	5,105	5,976	3,423	9.7	12.5	15.9	14.4
500,001 to 1,000,000 .....	16	23	55	16	1,435	1,874	3,064	987	11.2	12.3	17.8	16.6
1,000,001 to 5,000,000 .....	53	77	149	54	2,827	3,897	6,043	2,835	18.8	19.7	24.6	19.2
Over 5,000,000 .....	56	45	112	45	2,381	2,078	4,229	2,054	23.3	21.5	26.6	22.0

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/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.

**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</b>												
<b>(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

**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>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.



**Table C17A. Electricity Consumption and Conditional Energy Intensity by Census Division for All Buildings, 2003: Part 1**

	Total Electricity Consumption (billion kWh)			Total Floorspace of Buildings Using Electricity (million square feet)			Electricity Energy Intensity (kWh/square foot)		
	New England	Middle Atlantic	East North Central	New England	Middle Atlantic	East North Central	New England	Middle Atlantic	East North Central
<b>All Buildings</b> .....	41	131	168	3,430	10,469	12,202	12.0	12.5	13.8
<b>Building Floorspace (Square Feet)</b>									
1,001 to 5,000 .....	5	9	20	369	662	921	12.9	13.9	21.9
5,001 to 10,000 .....	3	8	9	360	768	877	8.4	10.4	10.8
10,001 to 25,000 .....	Q	16	24	674	1,420	2,113	Q	11.6	11.2
25,001 to 50,000 .....	Q	10	18	Q	1,022	1,680	Q	9.5	10.6
50,001 to 100,000 .....	Q	20	23	Q	1,682	1,712	Q	11.8	13.6
100,001 to 200,000 .....	Q	20	30	448	1,790	1,861	18.1	11.0	16.1
200,001 to 500,000 .....	Q	22	24	Q	1,673	1,847	Q	13.1	13.2
Over 500,000 .....	Q	26	19	Q	1,451	1,192	Q	17.9	16.3
<b>Principal Building Activity</b>									
Education .....	Q	12	16	Q	1,384	1,990	Q	8.4	7.9
Food Sales .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Food Service .....	Q	Q	10	Q	Q	248	Q	Q	38.5
Health Care .....	Q	9	13	Q	464	551	Q	20.2	24.2
Inpatient .....	Q	8	9	Q	310	316	Q	24.8	27.9
Outpatient .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Lodging .....	Q	Q	8	Q	Q	548	Q	Q	14.7
Mercantile .....	11	20	21	699	1,021	1,373	15.2	19.2	15.6
Retail (Other Than Mall) .....	Q	5	7	Q	419	544	Q	10.9	12.3
Enclosed and Strip Malls .....	Q	Q	15	Q	Q	829	Q	Q	17.9
Office .....	9	40	42	578	2,434	2,190	16.3	16.6	18.9
Public Assembly .....	Q	5	8	Q	769	635	Q	Q	12.3
Public Order and Safety .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Religious Worship .....	Q	1	3	Q	474	720	Q	3.2	4.3
Service .....	Q	5	9	Q	620	775	Q	7.5	12.0
Warehouse and Storage .....	Q	8	21	Q	1,070	1,931	Q	7.4	10.8
Other .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Vacant .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Year Constructed</b>									
Before 1920 .....	3	8	6	450	945	994	6.1	Q	5.8
1920 to 1945 .....	4	14	Q	660	1,886	1,494	6.5	7.7	12.5
1946 to 1959 .....	Q	16	14	Q	1,774	1,509	Q	9.0	9.4
1960 to 1969 .....	Q	17	17	Q	1,451	1,568	16.9	11.9	10.7
1970 to 1979 .....	6	25	37	493	1,423	2,425	13.1	17.5	15.3
1980 to 1989 .....	8	23	30	440	1,235	1,669	18.6	18.3	18.2
1990 to 1999 .....	Q	19	32	Q	1,301	1,719	Q	14.4	18.5
2000 to 2003 .....	Q	Q	14	Q	Q	824	Q	Q	16.7
<b>Climate Zone: 30-Year Average</b>									
Under 2,000 CDD and --									
More than 7,000 HDD .....	7	Q	35	Q	1,549	3,167	7.4	12.1	11.0
5,500-7,000 HDD .....	34	39	133	2,463	3,495	9,036	13.9	11.1	14.8
4,000-5,499 HDD .....	N	73	N	N	5,425	N	N	13.5	N
Fewer than 4,000 HDD .....	N	N	N	N	N	N	N	N	N
2,000 CDD or More and --									
Fewer than 4,000 HDD .....	N	N	N	N	N	N	N	N	N

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**Table C17A. Electricity Consumption and Conditional Energy Intensity by Census Division for All Buildings, 2003: Part 1**

	Total Electricity Consumption (billion kWh)			Total Floorspace of Buildings Using Electricity (million square feet)			Electricity Energy Intensity (kWh/square foot)		
	New England	Middle Atlantic	East North Central	New England	Middle Atlantic	East North Central	New England	Middle Atlantic	East North Central
<b>All Buildings</b> .....	41	131	168	3,430	10,469	12,202	12.0	12.5	13.8
<b>Number of Establishments</b>									
One .....	20	72	117	1,761	6,235	8,199	11.1	11.5	14.3
2 to 5 .....	8	26	28	756	2,046	2,096	11.1	12.9	13.4
6 to 10 .....	Q	9	7	Q	548	459	Q	16.3	15.5
11 to 20 .....	Q	Q	10	Q	Q	501	Q	Q	19.9
More than 20 .....	Q	16	Q	Q	849	Q	Q	19.2	Q
Currently Unoccupied .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Energy Sources (more than one may apply)</b>									
Electricity .....	41	131	168	3,430	10,469	12,202	12.0	12.5	13.8
Natural Gas .....	29	108	139	1,861	8,301	10,355	15.3	13.0	13.5
Fuel Oil .....	19	60	36	1,781	4,682	1,856	10.9	12.7	19.4
District Heat .....	Q	17	25	Q	1,082	1,420	Q	15.7	17.7
<b>Energy End Uses (more than one may apply)</b>									
Buildings with Space Heating .....	41	130	167	3,307	10,368	12,026	12.4	12.5	13.9
Buildings with Cooling .....	38	127	156	2,492	9,523	10,570	15.1	13.4	14.7
Buildings with Water Heating .....	40	128	155	3,209	9,666	10,936	12.6	13.2	14.1
<b>Annual Consumption (kilowatthours)</b>									
10,000 or Less .....	Q	0	0	Q	Q	Q	Q	1.1	0.9
10,001 to 50,000 .....	2	4	7	645	1,166	1,284	3.3	3.8	5.2
50,001 to 100,000 .....	Q	7	7	Q	1,329	959	Q	5.4	7.2
100,001 to 500,000 .....	9	21	44	735	2,383	3,563	12.3	8.9	12.3
500,001 to 1,000,000 .....	Q	12	16	Q	1,072	1,187	Q	10.9	13.1
1,000,001 to 5,000,000 .....	13	41	56	753	2,073	2,893	16.6	19.6	19.3
Over 5,000,000 .....	Q	45	39	Q	1,999	1,817	Q	22.6	21.6

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.

**Table C18A. Electricity Consumption and Conditional Energy Intensity by Census Division for All Buildings, 2003: Part 2**

	Total Electricity Consumption (billion kWh)			Total Floorspace of Buildings Using Electricity (million square feet)			Electricity Energy Intensity (kWh/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
<b>All Buildings</b> .....	66	254	57	5,523	13,837	3,546	12.0	18.3	16.2
<b>Building Floorspace (Square Feet)</b>									
1,001 to 5,000 .....	10	28	7	821	1,233	481	12.4	22.4	15.4
5,001 to 10,000 .....	7	20	5	681	1,389	386	10.8	14.4	13.3
10,001 to 25,000 .....	9	31	12	1,204	2,411	842	7.8	12.8	14.1
25,001 to 50,000 .....	15	29	6	949	1,867	490	16.1	15.5	11.7
50,001 to 100,000 .....	9	35	13	664	1,797	749	13.1	19.2	17.0
100,001 to 200,000 .....	8	50	Q	614	2,422	Q	12.3	20.6	Q
200,001 to 500,000 .....	Q	23	Q	Q	1,148	Q	Q	20.4	Q
Over 500,000 .....	Q	38	Q	Q	1,572	Q	Q	24.3	Q
<b>Principal Building Activity</b>									
Education .....	5	39	Q	549	2,445	Q	8.8	16.0	Q
Food Sales .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Food Service .....	Q	20	Q	Q	433	Q	Q	45.7	Q
Health Care .....	5	17	5	247	749	219	20.8	23.4	24.2
Inpatient .....	Q	15	Q	Q	469	Q	Q	31.3	Q
Outpatient .....	Q	3	Q	Q	280	Q	Q	10.1	Q
Lodging .....	7	17	Q	595	939	Q	11.3	18.0	Q
Mercantile .....	9	59	12	531	2,638	678	17.8	22.4	17.1
Retail (Other Than Mall) .....	6	16	4	337	897	353	17.3	17.7	11.9
Enclosed and Strip Malls .....	Q	43	Q	Q	1,741	Q	Q	24.9	Q
Office .....	12	35	9	799	1,958	481	14.9	18.0	18.8
Public Assembly .....	Q	9	Q	Q	440	Q	Q	20.4	Q
Public Order and Safety .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Religious Worship .....	2	5	Q	395	721	Q	3.9	6.4	Q
Service .....	4	Q	Q	484	753	Q	9.0	16.9	Q
Warehouse and Storage .....	6	16	Q	918	1,733	Q	6.9	9.1	Q
Other .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Vacant .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Year Constructed</b>									
Before 1920 .....	3	Q	Q	541	Q	Q	4.8	8.9	Q
1920 to 1945 .....	4	6	Q	459	647	Q	9.6	8.5	Q
1946 to 1959 .....	4	16	Q	561	1,090	237	7.7	14.7	12.3
1960 to 1969 .....	9	22	7	861	1,488	470	10.2	14.5	14.1
1970 to 1979 .....	16	34	13	1,117	1,631	869	14.5	21.0	15.5
1980 to 1989 .....	9	61	13	518	2,994	532	16.6	20.5	23.8
1990 to 1999 .....	16	81	12	1,062	4,202	770	14.6	19.3	15.5
2000 to 2003 .....	6	30	Q	403	1,446	Q	14.0	21.1	Q
<b>Climate Zone: 30-Year Average</b>									
Under 2,000 CDD and --									
More than 7,000 HDD .....	33	N	N	2,616	N	N	12.7	N	N
5,500-7,000 HDD .....	13	N	N	Q	N	N	9.9	N	N
4,000-5,499 HDD .....	20	57	Q	1,570	3,063	Q	12.5	18.8	19.7
Fewer than 4,000 HDD .....	N	124	Q	N	6,997	Q	N	17.7	13.5
2,000 CDD or More and --									
Fewer than 4,000 HDD .....	N	73	Q	N	3,778	Q	N	19.2	19.6

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**Table C18A. Electricity Consumption and Conditional Energy Intensity by Census Division for All Buildings, 2003: Part 2**

	Total Electricity Consumption (billion kWh)			Total Floorspace of Buildings Using Electricity (million square feet)			Electricity Energy Intensity (kWh/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
<b>All Buildings</b> .....	66	254	57	5,523	13,837	3,546	12.0	18.3	16.2
<b>Number of Establishments</b>									
One .....	45	151	37	3,936	8,797	2,587	11.5	17.2	14.5
2 to 5 .....	13	43	9	1,020	2,448	471	12.6	17.7	19.8
6 to 10 .....	Q	19	Q	Q	759	Q	Q	25.7	Q
11 to 20 .....	Q	16	Q	Q	684	Q	Q	22.7	Q
More than 20 .....	Q	24	Q	Q	965	Q	Q	24.4	Q
Currently Unoccupied .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Energy Sources (more than one may apply)</b>									
Electricity .....	66	254	57	5,523	13,837	3,546	12.0	18.3	16.2
Natural Gas .....	50	146	41	3,788	7,286	2,521	13.1	20.0	16.3
Fuel Oil .....	16	60	8	1,037	2,961	341	15.1	20.1	22.9
District Heat .....	Q	29	Q	Q	1,243	Q	Q	23.1	Q
<b>Energy End Uses (more than one may apply)</b>									
Buildings with Space Heating .....	66	239	56	5,301	12,585	3,382	12.4	19.0	16.7
Buildings with Cooling .....	64	252	57	4,888	13,186	3,311	13.1	19.1	17.1
Buildings with Water Heating .....	63	242	55	4,915	12,315	3,164	12.8	19.7	17.4
<b>Annual Consumption (kilowatthours)</b>									
10,000 or Less .....	1	1	Q	430	302	Q	1.2	2.0	Q
10,001 to 50,000 .....	6	8	3	1,004	1,694	555	5.9	4.8	5.9
50,001 to 100,000 .....	5	13	4	595	1,354	376	8.6	9.2	10.8
100,001 to 500,000 .....	20	48	15	1,542	2,984	968	13.2	16.0	15.3
500,001 to 1,000,000 .....	7	32	Q	687	1,602	Q	10.8	20.2	Q
1,000,001 to 5,000,000 .....	21	81	20	1,004	3,361	737	21.1	24.2	26.5
Over 5,000,000 .....	Q	71	7	Q	2,540	268	Q	27.9	27.5

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.

**Table C19A. Electricity Consumption and Conditional Energy Intensity by Census Division for All Buildings, 2003: Part 3**

	Total Electricity Consumption (billion kWh)			Total Floorspace of Buildings Using Electricity (million square feet)			Electricity Energy Intensity (kWh/square foot)		
	West South Central	Mountain	Pacific	West South Central	Mountain	Pacific	West South Central	Mountain	Pacific
<b>All Buildings</b> .....	141	68	117	8,634	4,165	8,376	16.3	16.3	14.0
<b>Building Floorspace (Square Feet)</b>									
1,001 to 5,000 .....	17	7	12	696	439	857	24.1	15.7	14.0
5,001 to 10,000 .....	12	5	15	865	451	868	13.8	12.1	17.7
10,001 to 25,000 .....	16	12	16	1,493	933	1,405	11.0	13.0	11.5
25,001 to 50,000 .....	14	8	13	962	568	1,195	14.2	13.9	11.2
50,001 to 100,000 .....	21	8	16	1,514	492	1,066	13.7	16.7	15.3
100,001 to 200,000 .....	27	Q	16	1,391	Q	1,007	19.6	Q	15.6
200,001 to 500,000 .....	14	5	12	744	Q	858	18.3	14.3	13.9
Over 500,000 .....	21	Q	16	Q	Q	1,119	21.2	Q	14.5
<b>Principal Building Activity</b>									
Education .....	15	6	11	1,198	640	1,027	12.8	9.4	10.7
Food Sales .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Food Service .....	Q	Q	7	Q	Q	232	Q	Q	31.8
Health Care .....	8	6	6	309	230	323	27.5	25.8	20.1
Inpatient .....	7	Q	Q	235	Q	Q	29.7	Q	Q
Outpatient .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Lodging .....	Q	Q	8	Q	438	649	Q	Q	11.9
Mercantile .....	36	16	31	1,778	742	1,732	20.2	21.9	17.8
Retail (Other Than Mall) .....	9	Q	10	594	Q	753	15.8	Q	13.4
Enclosed and Strip Malls .....	27	Q	21	1,185	Q	979	22.4	Q	21.1
Office .....	27	10	26	1,343	629	1,796	19.9	16.3	14.6
Public Assembly .....	Q	Q	Q	Q	Q	464	Q	Q	Q
Public Order and Safety .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Religious Worship .....	4	Q	Q	467	Q	Q	8.1	Q	Q
Service .....	Q	Q	3	Q	Q	319	Q	Q	8.0
Warehouse and Storage .....	7	Q	6	1,581	Q	1,000	4.3	Q	5.9
Other .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Vacant .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Year Constructed</b>									
Before 1920 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
1920 to 1945 .....	Q	Q	7	Q	Q	804	Q	Q	9.3
1946 to 1959 .....	5	3	9	495	255	767	9.4	13.4	11.6
1960 to 1969 .....	9	8	11	697	615	1,040	12.6	12.8	10.5
1970 to 1979 .....	30	20	19	1,698	1,135	1,266	17.9	17.7	15.0
1980 to 1989 .....	42	15	31	2,176	731	1,994	19.1	20.2	15.6
1990 to 1999 .....	35	12	30	2,095	683	1,638	16.8	18.3	18.3
2000 to 2003 .....	15	7	8	990	474	703	14.8	15.1	12.0
<b>Climate Zone: 30-Year Average</b>									
Under 2,000 CDD and --									
More than 7,000 HDD .....	N	34	Q	N	2,420	Q	N	14.0	15.7
5,500-7,000 HDD .....	N	Q	Q	N	1,166	Q	N	15.8	15.8
4,000-5,499 HDD .....	Q	N	10	Q	N	718	Q	N	14.5
Fewer than 4,000 HDD .....	33	N	78	2,153	N	5,911	15.1	N	13.1
2,000 CDD or More and --									
Fewer than 4,000 HDD .....	103	16	Q	6,026	580	Q	17.0	27.2	Q

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**Table C19A. Electricity Consumption and Conditional Energy Intensity by Census Division for All Buildings, 2003: Part 3**

	Total Electricity Consumption (billion kWh)			Total Floorspace of Buildings Using Electricity (million square feet)			Electricity Energy Intensity (kWh/square foot)		
	West South Central	Mountain	Pacific	West South Central	Mountain	Pacific	West South Central	Mountain	Pacific
<b>All Buildings</b> .....	141	68	117	8,634	4,165	8,376	16.3	16.3	14.0
<b>Number of Establishments</b>									
One .....	76	42	66	5,186	2,767	4,912	14.7	15.0	13.5
2 to 5 .....	22	9	21	1,550	580	1,560	14.0	15.3	13.7
6 to 10 .....	Q	Q	6	Q	Q	367	Q	Q	15.3
11 to 20 .....	10	Q	7	412	Q	414	25.0	Q	17.4
More than 20 .....	23	Q	16	992	Q	1,023	23.0	Q	15.7
Currently Unoccupied .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Energy Sources (more than one may apply)</b>									
Electricity .....	141	68	117	8,634	4,165	8,376	16.3	16.3	14.0
Natural Gas .....	99	54	77	5,448	3,263	5,644	18.2	16.6	13.6
Fuel Oil .....	31	Q	29	1,361	655	1,575	22.5	26.4	18.2
District Heat .....	Q	Q	6	Q	Q	413	Q	Q	14.1
<b>Energy End Uses (more than one may apply)</b>									
Buildings with Space Heating .....	136	64	106	8,024	4,013	7,404	17.0	16.0	14.4
Buildings with Cooling .....	139	65	112	8,226	3,756	7,591	16.9	17.4	14.8
Buildings with Water Heating .....	132	67	110	7,380	3,935	7,292	17.9	16.9	15.0
<b>Annual Consumption (kilowatthours)</b>									
10,000 or Less .....	Q	Q	1	Q	Q	292	Q	Q	1.8
10,001 to 50,000 .....	6	3	6	1,156	565	1,201	5.0	5.4	4.9
50,001 to 100,000 .....	6	3	7	840	323	701	7.6	9.5	9.9
100,001 to 500,000 .....	32	18	31	2,024	1,255	2,168	15.9	14.6	14.2
500,001 to 1,000,000 .....	14	Q	10	1,019	Q	685	14.0	Q	15.3
1,000,001 to 5,000,000 .....	48	17	37	1,945	835	2,000	24.5	20.4	18.7
Over 5,000,000 .....	34	Q	25	1,421	Q	1,329	24.0	28.0	18.7

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.

**Table C20A. Electricity Consumption and Conditional Energy Intensity by Climate Zone<sup>a</sup> for All Buildings, 2003**

	Total Electricity Consumption (billion kWh)					Total Floorspace of Buildings Using Electricity (million square feet)					Electricity Energy Intensity (kWh/square foot)				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
<b>All Buildings</b> .....	137	254	189	261	202	11,300	18,549	12,374	17,064	10,894	12.1	13.7	15.3	15.3	18.5
<b>Building Floorspace (Square Feet)</b>															
1,001 to 5,000 .....	19	27	14	32	23	1,210	1,631	923	1,811	903	15.7	16.4	15.0	17.8	25.8
5,001 to 10,000 .....	12	18	15	27	14	1,175	1,639	1,062	1,855	914	10.2	10.9	14.3	14.3	15.5
10,001 to 25,000 .....	22	36	24	31	29	2,354	3,506	1,479	3,133	2,022	9.2	10.4	16.2	9.8	14.5
25,001 to 50,000 .....	19	26	17	30	24	1,547	2,341	1,382	2,303	1,525	12.3	11.1	12.5	13.1	15.7
50,001 to 100,000 .....	19	39	29	36	29	1,480	2,780	2,011	2,326	1,668	12.8	14.2	14.5	15.6	17.6
100,001 to 200,000 .....	18	46	26	49	32	1,311	2,878	1,872	2,570	1,538	13.6	15.9	14.1	19.3	21.1
200,001 to 500,000 .....	14	28	22	27	21	1,150	2,007	1,678	1,493	1,042	12.5	13.8	13.2	17.8	20.1
Over 500,000 .....	14	34	41	29	29	1,073	1,766	1,966	1,573	1,282	13.4	19.5	20.7	18.2	22.4
<b>Principal Building Activity</b>															
Education .....	13	23	16	31	27	1,537	2,800	1,401	2,435	1,698	8.2	8.0	11.1	12.7	16.0
Food Sales .....	12	Q	Q	Q	Q	271	Q	Q	Q	Q	43.0	Q	Q	Q	Q
Food Service .....	7	12	Q	20	17	227	400	Q	440	366	29.3	30.6	Q	45.7	46.3
Health Care .....	10	18	11	20	14	475	784	564	844	496	20.6	23.3	19.2	23.7	27.6
Inpatient .....	6	12	8	17	9	262	450	323	592	278	23.7	27.7	23.3	28.2	34.0
Outpatient .....	4	6	3	3	Q	213	334	240	252	Q	16.7	17.4	13.7	13.4	Q
Lodging .....	8	21	12	18	10	768	1,314	1,132	1,275	608	10.1	15.9	Q	14.0	16.7
Mercantile .....	28	40	33	58	56	1,617	2,337	1,694	3,346	2,197	17.0	17.2	19.4	17.3	25.6
Retail (Other Than Mall) .....	10	10	10	16	15	710	865	695	1,454	592	14.2	11.0	14.8	11.3	25.9
Enclosed and Strip Malls .....	17	31	23	41	41	907	1,473	999	1,892	1,604	19.2	20.8	22.7	21.9	25.5
Office .....	22	58	53	39	38	1,593	3,165	3,125	2,341	1,985	13.9	18.2	17.1	16.8	19.2
Public Assembly .....	8	8	6	18	9	876	818	806	906	529	9.1	9.5	Q	19.7	17.0
Public Order and Safety .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Religious Worship .....	1	5	2	5	5	408	1,320	499	1,039	488	3.0	3.5	4.9	4.8	10.1
Service .....	10	11	Q	7	Q	911	1,179	639	946	Q	10.6	9.6	Q	7.6	Q
Warehouse and Storage .....	11	24	11	16	9	1,564	2,539	1,426	2,186	1,710	7.0	9.6	7.9	7.5	5.0
Other .....	Q	11	Q	Q	Q	Q	467	Q	Q	Q	Q	24.6	Q	Q	Q
Vacant .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Year Constructed</b>															
Before 1920 .....	6	8	Q	2	Q	1,212	1,393	731	286	Q	5.2	5.6	Q	8.7	Q
1920 to 1945 .....	8	24	17	9	Q	1,071	2,125	1,949	1,190	Q	7.8	11.1	8.6	7.7	Q
1946 to 1959 .....	9	24	15	18	6	1,070	2,499	1,427	1,529	530	8.8	9.4	10.3	12.1	11.4
1960 to 1969 .....	16	29	21	21	18	1,447	2,576	1,571	1,958	1,046	11.3	11.3	13.4	10.9	16.8
1970 to 1979 .....	38	51	39	40	34	2,496	3,259	1,939	2,689	1,676	15.4	15.6	20.0	14.8	20.3
1980 to 1989 .....	15	55	40	72	50	1,095	2,790	2,101	3,786	2,517	13.9	19.6	19.1	18.9	19.8
1990 to 1999 .....	31	43	31	74	61	2,032	2,620	1,722	4,115	3,209	15.4	16.6	18.3	17.9	19.1
2000 to 2003 .....	12	21	18	24	27	876	1,288	935	1,510	1,420	13.3	16.6	19.4	15.9	18.7
<b>Census Region and Division</b>															
Northeast .....	26	73	73	N	N	2,515	5,958	5,425	N	N	10.3	12.2	13.5	N	N
New England .....	7	34	N	N	N	Q	2,463	N	N	N	7.4	13.9	N	N	N
Middle Atlantic .....	Q	39	73	N	N	1,549	3,495	5,425	N	N	12.1	11.1	13.5	N	N
Midwest .....	68	147	20	N	N	5,783	10,372	1,570	N	N	11.8	14.1	12.5	N	N
East North Central .....	35	133	N	N	N	3,167	9,036	N	N	N	11.0	14.8	N	N	N
West North Central .....	33	13	20	N	N	2,616	Q	1,570	N	N	12.7	9.9	12.5	N	N
South .....	N	N	86	183	183	N	N	4,661	11,153	10,203	N	N	18.4	16.4	17.9
South Atlantic .....	N	N	57	124	73	N	N	3,063	6,997	3,778	N	N	18.8	17.7	19.2
East South Central .....	N	N	Q	Q	Q	N	N	Q	Q	Q	N	N	19.7	13.5	19.6
West South Central .....	N	N	Q	33	103	N	N	Q	2,153	6,026	N	N	Q	15.1	17.0
West .....	43	35	10	78	19	3,002	2,219	718	5,911	692	14.3	15.8	14.5	13.1	27.4
Mountain .....	34	Q	N	N	16	2,420	1,166	N	N	580	14.0	15.8	N	N	27.2
Pacific .....	Q	Q	10	78	Q	Q	Q	718	5,911	Q	15.7	15.8	14.5	13.1	Q

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**Table C20A. Electricity Consumption and Conditional Energy Intensity by Climate Zone<sup>a</sup> for All Buildings, 2003**

	Total Electricity Consumption (billion kWh)					Total Floorspace of Buildings Using Electricity (million square feet)					Electricity Energy Intensity (kWh/square foot)				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
<b>All Buildings</b> .....	137	254	189	261	202	11,300	18,549	12,374	17,064	10,894	12.1	13.7	15.3	15.3	18.5
<b>Number of Establishments</b>															
One .....	83	169	111	161	103	6,955	12,392	7,648	11,322	6,061	12.0	13.6	14.5	14.2	16.9
2 to 5 .....	31	41	31	51	26	2,512	3,217	2,021	3,008	1,768	12.3	12.9	15.3	17.0	14.8
6 to 10 .....	9	16	10	11	20	584	867	530	586	791	15.3	18.7	19.7	19.4	25.7
11 to 20 .....	Q	15	13	14	18	Q	747	793	694	723	Q	20.4	16.0	20.8	24.3
More than 20 .....	Q	Q	23	23	35	Q	Q	1,227	1,236	1,417	Q	Q	18.8	18.5	24.7
Currently Unoccupied .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Energy Sources (more than one may apply)</b>															
Electricity .....	137	254	189	261	202	11,300	18,549	12,374	17,064	10,894	12.1	13.7	15.3	15.3	18.5
Natural Gas .....	111	201	138	183	110	8,484	14,122	8,970	11,796	5,093	13.0	14.2	15.4	15.5	21.6
Fuel Oil .....	33	70	77	50	45	2,624	4,270	4,950	2,528	1,878	12.7	16.4	15.5	19.6	24.1
District Heat .....	11	34	23	23	Q	825	1,917	1,349	1,025	Q	13.3	17.9	17.0	22.0	Q
<b>Energy End Uses (more than one may apply)</b>															
Buildings with Space Heating .....	136	252	188	249	181	10,986	18,166	12,233	15,705	9,320	12.4	13.9	15.4	15.9	19.5
Buildings with Cooling .....	129	238	187	255	201	9,438	15,932	11,906	15,798	10,472	13.7	14.9	15.7	16.1	19.1
Buildings with Water Heating .....	133	235	187	248	187	10,335	16,511	11,765	14,976	9,225	12.9	14.2	15.9	16.6	20.3
<b>Annual Consumption (kilowatthours)</b>															
10,000 or Less .....	1	1	1	1	Q	636	1,052	306	622	Q	1.3	1.1	1.7	1.7	Q
10,001 to 50,000 .....	7	12	7	12	7	1,595	2,612	1,270	2,633	1,160	4.7	4.5	5.6	4.6	5.8
50,001 to 100,000 .....	10	12	8	17	8	1,086	1,607	1,369	1,739	924	9.1	7.5	5.8	9.5	9.1
100,001 to 500,000 .....	43	62	30	60	43	3,333	4,729	2,864	4,124	2,571	12.8	13.0	10.6	14.6	16.8
500,001 to 1,000,000 .....	12	24	22	27	26	1,110	1,853	1,353	1,641	1,402	10.6	12.8	16.3	16.3	18.5
1,000,001 to 5,000,000 .....	43	81	60	84	66	2,502	3,998	2,642	3,894	2,565	17.1	20.3	22.5	21.6	25.6
Over 5,000,000 .....	22	63	62	60	52	1,036	2,698	2,570	2,411	2,026	20.9	23.4	23.9	24.8	25.6

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>

.a Climate zone (30-year average) definitions: Zone 1 = Under 2,000 CDD and more than 7,000 HDD; Zone 2 = Under 2,000 CDD and 5,500-7,000 HDD; Zone 3 = Under 2,000 CDD and 4,000-5,499 HDD; Zone 4 = Under 2,000 CDD and fewer than 4,000 HDD; Zone 5 = 2,000 CDD or more and fewer than 4,000 HDD. (See "Glossary" for definitions of CDD and HDD.)

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.



**Table C21A. Electricity Consumption and Conditional Energy Intensity by Building Size for All Buildings, 2003**

	Total Electricity Consumption (billion kWh)			Total Floorspace of Buildings Using Electricity (million square feet)			Electricity Energy Intensity (kWh/square foot)		
	1,001 to 10,000 Square Feet	10,001 to 100,000 Square Feet	Over 100,000 Square Feet	1,001 to 10,000 Square Feet	10,001 to 100,000 Square Feet	Over 100,000 Square Feet	1,001 to 10,000 Square Feet	10,001 to 100,000 Square Feet	Over 100,000 Square Feet
<b>All Buildings</b> .....	201	412	431	13,124	31,858	25,200	15.3	12.9	17.1
<b>Principal Building Activity</b>									
Education .....	9	55	45	806	5,378	3,687	11.1	10.2	12.2
Food Sales .....	36	24	Q	747	467	Q	48.8	51.1	Q
Food Service .....	47	16	Q	986	664	Q	47.8	24.5	Q
Health Care .....	6	17	50	445	835	1,883	13.1	20.5	26.3
Inpatient .....	N	Q	47	N	Q	1,723	N	Q	27.0
Outpatient .....	6	11	Q	445	652	Q	13.1	17.4	Q
Lodging .....	4	31	34	260	2,274	2,563	14.0	13.5	13.5
Mercantile .....	28	99	89	1,944	5,204	4,044	14.2	19.0	21.9
Retail (Other Than Mall) .....	17	28	18	1,363	2,133	821	12.2	12.9	21.5
Enclosed and Strip Malls .....	11	71	71	581	3,071	3,223	19.1	23.1	22.0
Office .....	30	75	105	2,320	4,602	5,286	12.9	16.4	19.9
Public Assembly .....	10	21	19	850	1,851	1,233	11.6	11.2	Q
Public Order and Safety .....	2	6	Q	231	390	Q	10.4	14.9	Q
Religious Worship .....	5	11	Q	1,160	2,391	Q	4.5	4.7	Q
Service .....	14	19	Q	1,687	1,862	Q	8.2	10.2	Q
Warehouse and Storage .....	7	25	40	1,256	4,482	3,687	5.8	5.5	10.8
Other .....	2	11	25	206	601	922	9.6	19.1	27.6
Vacant .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Year Constructed</b>									
Before 1920 .....	6	14	6	959	1,981	805	6.8	7.3	7.0
1920 to 1945 .....	16	19	28	1,514	2,426	2,768	10.9	7.8	10.0
1946 to 1959 .....	16	28	28	1,517	3,301	2,237	10.8	8.5	12.4
1960 to 1969 .....	20	49	37	1,584	4,457	2,556	12.5	11.0	14.3
1970 to 1979 .....	37	82	82	2,369	5,388	4,301	15.7	15.3	19.2
1980 to 1989 .....	38	79	114	1,968	4,912	5,410	19.2	16.2	21.1
1990 to 1999 .....	52	95	94	2,325	6,647	4,726	22.3	14.3	20.0
2000 to 2003 .....	15	44	42	887	2,745	2,396	16.8	16.2	17.7
<b>Census Region and Division</b>									
Northeast .....	25	64	83	2,159	5,754	5,985	11.6	11.1	13.9
New England .....	8	18	16	729	1,630	1,071	10.7	11.0	14.5
Middle Atlantic .....	17	46	68	1,431	4,124	4,914	12.0	11.2	13.7
Midwest .....	47	98	89	3,299	8,321	6,104	14.3	11.8	14.6
East North Central .....	30	65	74	1,797	5,505	4,900	16.5	11.8	15.0
West North Central .....	18	33	15	1,502	2,816	1,204	11.7	11.8	12.6
South .....	89	176	187	5,050	12,123	8,844	17.6	14.5	21.2
South Atlantic .....	48	94	111	2,622	6,074	5,141	18.2	15.5	21.7
East South Central .....	13	30	15	868	2,081	597	14.4	14.6	24.3
West South Central .....	29	51	61	1,560	3,969	3,105	18.4	12.8	19.8
West .....	40	74	71	2,615	5,659	4,267	15.2	13.1	16.7
Mountain .....	12	28	27	890	1,993	1,282	13.9	14.1	21.4
Pacific .....	27	46	44	1,725	3,667	2,984	15.9	12.5	14.7
<b>Climate Zone: 30-Year Average</b>									
Under 2,000 CDD and --									
More than 7,000 HDD .....	31	60	47	2,385	5,382	3,534	13.0	11.1	13.2
5,500-7,000 HDD .....	45	102	108	3,270	8,627	6,652	13.6	11.8	16.2
4,000-5,499 HDD .....	29	71	89	1,986	4,872	5,516	14.6	14.5	16.2
Fewer than 4,000 HDD .....	59	97	105	3,666	7,762	5,636	16.0	12.5	18.6
2,000 CDD or More and --									
Fewer than 4,000 HDD .....	37	83	82	1,817	5,215	3,863	20.6	15.8	21.2

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**Table C21A. Electricity Consumption and Conditional Energy Intensity by Building Size for All Buildings, 2003**

	Total Electricity Consumption (billion kWh)			Total Floorspace of Buildings Using Electricity (million square feet)			Electricity Energy Intensity (kWh/square foot)		
	1,001 to 10,000 Square Feet	10,001 to 100,000 Square Feet	Over 100,000 Square Feet	1,001 to 10,000 Square Feet	10,001 to 100,000 Square Feet	Over 100,000 Square Feet	1,001 to 10,000 Square Feet	10,001 to 100,000 Square Feet	Over 100,000 Square Feet
<b>All Buildings</b> .....	201	412	431	13,124	31,858	25,200	15.3	12.9	17.1
<b>Number of Establishments</b>									
One .....	166	252	208	10,331	20,970	13,077	16.0	12.0	15.9
2 to 5 .....	31	76	73	2,372	6,221	3,934	13.2	12.3	18.6
6 to 10 .....	Q	41	23	Q	2,060	1,106	Q	20.0	20.6
11 to 20 .....	Q	32	31	Q	1,548	1,819	Q	21.0	17.2
More than 20 .....	Q	8	94	Q	462	4,571	Q	18.4	20.5
Currently Unoccupied .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Energy Sources (more than one may apply)</b>									
Electricity .....	201	412	431	13,124	31,858	25,200	15.3	12.9	17.1
Natural Gas .....	118	292	333	7,142	21,928	19,396	16.6	13.3	17.2
Fuel Oil .....	13	59	203	1,327	3,790	11,133	9.6	15.5	18.3
District Heat .....	Q	20	80	Q	1,232	4,244	Q	16.4	18.8
<b>Energy End Uses (more than one may apply)</b>									
Buildings with Space Heating .....	188	400	418	11,963	29,981	24,466	15.7	13.3	17.1
Buildings with Cooling .....	189	403	418	10,918	28,985	23,642	17.3	13.9	17.7
Buildings with Water Heating .....	180	397	414	10,551	28,569	23,692	17.1	13.9	17.5
<b>Annual Consumption (kilowatthours)</b>									
10,000 or Less .....	4	Q	Q	1,954	Q	Q	1.8	Q	Q
10,001 to 50,000 .....	39	6	Q	5,607	3,534	Q	7.0	1.8	Q
50,001 to 100,000 .....	41	14	Q	2,782	3,382	Q	14.6	4.1	Q
100,001 to 500,000 .....	102	133	3	2,628	13,156	1,838	38.7	10.1	1.6
500,001 to 1,000,000 .....	Q	90	8	Q	5,538	1,696	Q	16.2	4.6
1,000,001 to 5,000,000 .....	Q	166	164	Q	5,369	10,206	Q	30.9	16.1
Over 5,000,000 .....	N	Q	255	N	Q	10,720	N	Q	23.8

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.

**Table C22A. Electricity Consumption and Conditional Energy Intensity by Year Constructed for All Buildings, 2003**

	Total Electricity Consumption (billion kWh)			Total Floorspace of Buildings Using Electricity (million square feet)			Electricity Energy Intensity (kWh/square foot)		
	1959 or Before	1960 to 1989	1990 to 2003	1959 or Before	1960 to 1989	1990 to 2003	1959 or Before	1960 to 1989	1990 to 2003
<b>All Buildings</b> .....	162	538	343	17,509	32,945	19,727	9.2	16.3	17.4
<b>Building Floorspace (Square Feet)</b>									
1,001 to 5,000 .....	24	54	38	2,072	2,767	1,640	11.4	19.4	23.0
5,001 to 10,000 .....	16	41	29	1,919	3,154	1,572	8.2	13.0	18.4
10,001 to 25,000 .....	28	69	45	3,201	5,610	3,683	8.7	12.3	12.2
25,001 to 50,000 .....	17	63	36	2,412	4,383	2,303	7.2	14.5	15.5
50,001 to 100,000 .....	16	78	59	2,095	4,763	3,406	7.8	16.4	17.3
100,001 to 200,000 .....	20	88	63	2,150	4,671	3,350	9.5	18.9	18.9
200,001 to 500,000 .....	22	61	29	2,054	3,623	1,692	10.6	16.8	17.2
Over 500,000 .....	19	84	44	1,606	3,974	2,080	11.6	21.1	21.3
<b>Principal Building Activity</b>									
Education .....	22	53	34	3,191	4,359	2,321	6.8	12.3	14.4
Food Sales .....	Q	29	Q	Q	585	Q	Q	50.0	Q
Food Service .....	10	22	31	613	524	517	16.7	42.9	59.4
Health Care .....	14	43	16	730	1,671	762	19.2	25.5	21.0
Inpatient .....	11	35	7	456	1,218	231	23.7	28.4	30.2
Outpatient .....	3	8	9	273	453	531	11.7	17.9	17.0
Lodging .....	10	39	20	1,236	2,564	1,296	Q	15.3	15.1
Mercantile .....	16	115	84	1,372	5,983	3,836	11.3	19.3	21.9
Retail (Other Than Mall) .....	8	24	29	1,026	1,804	1,487	8.2	13.3	19.7
Enclosed and Strip Malls .....	Q	91	55	Q	4,179	2,350	Q	21.8	23.3
Office .....	34	131	46	2,852	6,792	2,563	11.9	19.2	17.9
Public Assembly .....	7	20	22	1,455	1,445	1,035	4.6	13.9	21.6
Public Order and Safety .....	Q	7	Q	Q	385	Q	Q	18.5	Q
Religious Worship .....	4	6	7	1,522	1,328	904	2.9	4.8	8.1
Service .....	7	26	11	1,045	1,925	1,012	6.3	13.4	11.4
Warehouse and Storage .....	Q	25	30	1,941	3,851	3,633	8.3	6.5	8.4
Other .....	Q	19	14	Q	684	673	Q	28.0	Q
Vacant .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Census Region and Division</b>									
Northeast .....	47	86	38	6,080	5,448	2,371	7.8	15.8	16.2
New England .....	9	22	Q	1,475	1,339	615	6.0	16.1	17.7
Middle Atlantic .....	39	65	28	4,605	4,109	1,755	8.4	15.8	15.7
Midwest .....	50	118	67	5,559	8,158	4,008	9.0	14.4	16.7
East North Central .....	39	84	46	3,997	5,662	2,543	9.7	14.8	17.9
West North Central .....	11	34	21	1,562	2,495	1,465	7.2	13.5	14.5
South .....	41	231	180	3,611	12,556	9,850	11.5	18.4	18.2
South Atlantic .....	25	117	112	2,076	6,113	5,648	11.8	19.2	19.8
East South Central .....	7	33	18	557	1,871	1,117	11.9	17.5	16.1
West South Central .....	10	81	50	977	4,572	3,085	10.4	17.7	16.1
West .....	23	104	58	2,260	6,782	3,499	10.3	15.3	16.6
Mountain .....	6	43	20	526	2,482	1,157	10.6	17.2	17.0
Pacific .....	18	61	38	1,734	4,301	2,342	10.1	14.2	16.4
<b>Climate Zone: 30-Year Average</b>									
Under 2,000 CDD and --									
More than 7,000 HDD .....	24	70	43	3,354	5,038	2,908	7.2	13.9	14.7
5,500-7,000 HDD .....	55	135	65	6,017	8,625	3,908	9.2	15.6	16.6
4,000-5,499 HDD .....	40	100	50	4,107	5,610	2,657	9.6	17.8	18.7
Fewer than 4,000 HDD .....	30	133	98	3,005	8,433	5,625	10.0	15.7	17.4
2,000 CDD or More and --									
Fewer than 4,000 HDD .....	13	101	88	1,027	5,239	4,629	12.6	19.3	19.0

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**Table C22A. Electricity Consumption and Conditional Energy Intensity by Year Constructed for All Buildings, 2003**

	Total Electricity Consumption (billion kWh)			Total Floorspace of Buildings Using Electricity (million square feet)			Electricity Energy Intensity (kWh/square foot)		
	1959 or Before	1960 to 1989	1990 to 2003	1959 or Before	1960 to 1989	1990 to 2003	1959 or Before	1960 to 1989	1990 to 2003
<b>All Buildings</b> .....	162	538	343	17,509	32,945	19,727	9.2	16.3	17.4
<b>Number of Establishments</b>									
One .....	112	300	215	12,146	19,255	12,978	9.2	15.6	16.5
2 to 5 .....	29	96	55	3,085	6,071	3,370	9.5	15.8	16.4
6 to 10 .....	5	37	25	511	1,879	968	10.0	19.6	26.0
11 to 20 .....	6	39	19	635	1,819	915	8.8	21.4	21.0
More than 20 .....	10	65	28	648	3,239	1,174	15.1	20.1	23.5
Currently Unoccupied .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Energy Sources (more than one may apply)</b>									
Electricity .....	162	538	343	17,509	32,945	19,727	9.2	16.3	17.4
Natural Gas .....	112	382	249	12,400	22,762	13,304	9.0	16.8	18.7
Fuel Oil .....	46	153	76	5,089	7,573	3,588	9.1	20.1	21.2
District Heat .....	31	47	23	2,206	2,330	1,041	14.0	20.3	21.9
<b>Energy End Uses (more than one may apply)</b>									
Buildings with Space Heating .....	157	520	329	16,776	31,401	18,233	9.4	16.6	18.1
Buildings with Cooling .....	143	528	339	14,196	30,929	18,421	10.1	17.1	18.4
Buildings with Water Heating .....	143	516	332	14,878	30,250	17,684	9.6	17.1	18.7
<b>Annual Consumption (kilowatthours)</b>									
10,000 or Less .....	1	2	1	1,102	1,083	676	1.4	1.5	1.1
10,001 to 50,000 .....	16	20	10	3,555	3,845	1,870	4.4	5.1	5.5
50,001 to 100,000 .....	16	25	14	2,387	2,579	1,759	6.8	9.7	7.7
100,001 to 500,000 .....	44	118	77	4,789	8,115	4,718	9.1	14.5	16.2
500,001 to 1,000,000 .....	14	56	40	1,354	3,617	2,389	10.6	15.5	16.7
1,000,001 to 5,000,000 .....	38	176	119	2,452	8,036	5,113	15.5	21.9	23.3
Over 5,000,000 .....	33	142	83	1,870	5,670	3,202	17.5	25.1	26.0

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/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.

**Table C23A. Total Natural Gas Consumption and Expenditures in All Buildings, 2003**

	All Buildings Using Natural Gas			Natural Gas Consumption		Natural Gas Expenditures
	Number of Buildings (thousand)	Floorspace (million square feet)	Floorspace per Building (thousand square feet)	Total (trillion Btu)	Total (billion cubic feet)	Total (million dollars)
<b>All Buildings</b> .....	2,538	48,473	19.1	2,100	2,037	16,010
<b>Building Floorspace (Square Feet)</b>						
1,001 to 5,000 .....	1,134	3,175	2.8	257	249	2,227
5,001 to 10,000 .....	531	3,969	7.5	224	218	1,830
10,001 to 25,000 .....	500	7,824	15.6	353	343	2,897
25,001 to 50,000 .....	185	6,604	35.8	278	270	2,054
50,001 to 100,000 .....	107	7,500	70.3	277	269	2,140
100,001 to 200,000 .....	54	7,545	138.5	275	267	1,964
200,001 to 500,000 .....	20	5,892	291.5	211	204	1,396
Over 500,000 .....	6	5,964	951.0	224	217	1,502
<b>Principal Building Activity</b>						
Education .....	213	7,045	33.1	268	260	1,889
Food Sales .....	98	747	7.6	39	37	332
Food Service .....	226	1,396	6.2	203	197	1,615
Health Care .....	72	2,544	35.5	243	235	1,538
Inpatient .....	7	1,805	257.0	204	198	1,241
Outpatient .....	65	739	11.4	38	37	297
Lodging .....	86	4,256	49.7	215	208	1,581
Mercantile .....	392	7,871	20.1	264	256	2,204
Retail (Other Than Mall) .....	245	2,866	11.7	91	89	719
Enclosed and Strip Malls .....	146	5,005	34.2	172	167	1,486
Office .....	488	8,208	16.8	269	261	2,201
Public Assembly .....	146	2,723	18.6	102	99	775
Public Order and Safety .....	36	637	17.7	29	28	234
Religious Worship .....	220	2,629	11.9	82	80	664
Service .....	281	2,496	8.9	139	135	1,096
Warehouse and Storage .....	187	5,494	29.4	132	128	976
Other .....	45	1,252	27.9	87	85	684
Vacant .....	49	1,176	24.2	28	27	220
<b>Year Constructed</b>						
Before 1920 .....	203	2,774	13.6	143	139	1,136
1920 to 1945 .....	344	4,776	13.9	232	225	1,734
1946 to 1959 .....	322	4,857	15.1	223	216	1,668
1960 to 1969 .....	327	6,140	18.8	276	268	2,064
1970 to 1979 .....	425	8,795	20.7	402	390	2,877
1980 to 1989 .....	343	7,828	22.8	339	328	2,685
1990 to 1999 .....	448	9,205	20.5	345	334	2,722
2000 to 2003 .....	125	4,099	32.7	140	136	1,125
<b>Census Region and Division</b>						
Northeast .....	428	10,162	23.7	462	448	3,883
New England .....	91	1,861	20.5	87	85	806
Middle Atlantic .....	337	8,301	24.6	375	364	3,076
Midwest .....	839	14,144	16.9	751	728	5,215
East North Central .....	577	10,356	18.0	567	550	3,968
West North Central .....	262	3,788	14.5	184	178	1,246
South .....	767	15,260	19.9	527	511	4,356
South Atlantic .....	334	7,286	21.8	246	238	2,225
East South Central .....	166	2,521	15.2	107	104	869
West South Central .....	267	5,453	20.4	174	168	1,262
West .....	504	8,907	17.7	360	350	2,557
Mountain .....	202	3,263	16.1	190	185	1,252
Pacific .....	301	5,644	18.7	170	165	1,305

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**Table C23A. Total Natural Gas Consumption and Expenditures in All Buildings, 2003**

	All Buildings Using Natural Gas			Natural Gas Consumption		Natural Gas Expenditures
	Number of Buildings (thousand)	Floorspace (million square feet)	Floorspace per Building (thousand square feet)	Total (trillion Btu)	Total (billion cubic feet)	Total (million dollars)
<b>All Buildings .....</b>	2,538	48,473	19.1	2,100	2,037	16,010
<b>Climate Zone: 30-Year Average</b>						
Under 2,000 CDD and --						
More than 7,000 HDD .....	514	8,486	16.5	468	454	3,329
5,500-7,000 HDD .....	768	14,122	18.4	737	715	5,416
4,000-5,499 HDD .....	373	8,970	24.0	368	356	2,989
Fewer than 4,000 HDD .....	683	11,796	17.3	389	378	3,218
2,000 CDD or More and --						
Fewer than 4,000 HDD .....	199	5,098	25.6	138	134	1,058
<b>Number of Establishments</b>						
One .....	1,912	30,518	16.0	1,462	1,418	10,950
2 to 5 .....	460	8,715	18.9	359	348	2,838
6 to 10 .....	86	2,397	27.8	95	92	782
11 to 20 .....	28	2,223	80.5	69	67	555
More than 20 .....	15	3,686	Q	96	93	743
Currently Unoccupied .....	37	933	25.6	18	18	142
<b>Energy Sources (more than one may apply)</b>						
Electricity .....	2,536	48,466	19.1	2,100	2,037	16,009
Natural Gas .....	2,538	48,473	19.1	2,100	2,037	16,010
Fuel Oil .....	143	11,296	79.1	523	507	3,676
District Heat .....	25	2,577	104.0	48	47	333
<b>Energy End Uses (more than one may apply)</b>						
Buildings with Space Heating .....	2,485	47,804	19.2	2,077	2,014	15,821
Buildings with Cooling .....	2,287	45,856	20.0	1,987	1,927	15,141
Buildings with Water Heating .....	2,259	45,886	20.3	2,035	1,974	15,453
<b>Annual Consumption (hundred cubic feet)</b>						
1,000 or Less .....	682	4,398	6.4	37	36	417
1,001 to 5,000 .....	1,069	10,384	9.7	265	257	2,383
5,001 to 10,000 .....	375	6,948	18.5	274	265	2,291
10,001 to 25,000 .....	259	8,604	33.2	402	390	3,150
25,001 to 50,000 .....	97	6,800	70.2	334	324	2,524
50,001 to 100,000 .....	34	4,715	139.8	242	234	1,635
Over 100,000 .....	22	6,623	306.8	546	529	3,611

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 natural gas.

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.

**Table C24A. Natural Gas Consumption and Expenditure Intensities for All Buildings, 2003**

	Natural Gas Consumption					Natural Gas Expenditures		
	per Building (thousand cubic feet)	per Square Foot (cubic feet)	Distribution of Building-Level Intensities (cubic feet/square foot)			per Building (thousand dollars)	per Square Foot (dollars)	per Thousand Cubic Feet (dollars)
			25th Per-centile	Median	75th Per-centile			
<b>All Buildings</b> .....	803	42.0	17.9	37.4	71.0	6.3	0.33	7.86
<b>Building Floorspace (Square Feet)</b>								
1,001 to 5,000 .....	220	78.6	23.8	46.8	92.0	2.0	0.70	8.93
5,001 to 10,000 .....	410	54.8	15.0	29.6	66.2	3.4	0.46	8.41
10,001 to 25,000 .....	685	43.8	16.2	31.0	55.9	5.8	0.37	8.45
25,001 to 50,000 .....	1,464	40.9	16.0	31.0	55.4	11.1	0.31	7.60
50,001 to 100,000 .....	2,519	35.8	10.8	28.6	48.9	20.1	0.29	7.97
100,001 to 200,000 .....	4,898	35.4	6.4	23.8	51.9	36.1	0.26	7.36
200,001 to 500,000 .....	10,109	34.7	10.0	23.2	47.2	69.1	0.24	6.83
Over 500,000 .....	34,579	36.4	4.0	17.5	48.8	239.4	0.25	6.92
<b>Principal Building Activity</b>								
Education .....	1,223	36.9	14.9	31.9	60.8	8.9	0.27	7.27
Food Sales .....	383	50.2	18.9	39.8	69.4	3.4	0.44	8.85
Food Service .....	870	141.2	77.0	150.3	301.8	7.1	1.16	8.20
Health Care .....	3,283	92.5	19.1	40.1	65.7	21.5	0.60	6.54
Inpatient .....	28,222	109.8	77.1	112.3	145.1	176.8	0.69	6.26
Outpatient .....	574	50.2	16.2	34.2	56.0	4.6	0.40	8.01
Lodging .....	2,432	48.9	19.8	36.7	76.4	18.5	0.37	7.59
Mercantile .....	653	32.5	18.4	34.0	70.2	5.6	0.28	8.62
Retail (Other Than Mall) .....	362	30.9	16.5	28.7	66.8	2.9	0.25	8.11
Enclosed and Strip Malls .....	1,142	33.4	23.2	41.7	71.8	10.1	0.30	8.89
Office .....	535	31.8	17.2	35.7	56.9	4.5	0.27	8.42
Public Assembly .....	678	36.4	13.0	28.9	53.5	5.3	0.28	7.83
Public Order and Safety .....	771	43.7	26.6	49.8	76.8	6.5	0.37	8.43
Religious Worship .....	362	30.3	12.9	29.5	53.0	3.0	0.25	8.33
Service .....	481	54.1	22.9	44.5	82.6	3.9	0.44	8.12
Warehouse and Storage .....	687	23.4	9.3	22.1	37.5	5.2	0.18	7.60
Other .....	1,885	67.6	22.6	46.3	82.8	15.3	0.55	8.09
Vacant .....	557	23.0	7.4	21.7	44.6	4.5	0.19	8.14
<b>Year Constructed</b>								
Before 1920 .....	684	50.2	24.6	45.9	70.7	5.6	0.41	8.17
1920 to 1945 .....	654	47.1	17.5	34.5	68.2	5.0	0.36	7.71
1946 to 1959 .....	671	44.5	21.9	39.0	76.5	5.2	0.34	7.72
1960 to 1969 .....	819	43.6	19.1	39.6	70.9	6.3	0.34	7.71
1970 to 1979 .....	917	44.3	19.9	37.7	73.7	6.8	0.33	7.38
1980 to 1989 .....	957	42.0	15.9	32.2	71.8	7.8	0.34	8.17
1990 to 1999 .....	746	36.3	15.2	31.9	69.6	6.1	0.30	8.14
2000 to 2003 .....	1,087	33.2	13.7	35.0	67.0	9.0	0.27	8.26
<b>Census Region and Division</b>								
Northeast .....	1,047	44.1	22.9	45.2	79.2	9.1	0.38	8.66
New England .....	932	45.4	21.9	41.1	65.0	8.9	0.43	9.54
Middle Atlantic .....	1,078	43.8	24.2	48.4	81.8	9.1	0.37	8.46
Midwest .....	868	51.5	25.9	46.3	80.2	6.2	0.37	7.16
East North Central .....	953	53.1	27.4	47.7	84.0	6.9	0.38	7.22
West North Central .....	680	47.0	23.4	45.2	74.1	4.8	0.33	7.00
South .....	666	33.5	12.8	26.4	54.5	5.7	0.29	8.53
South Atlantic .....	713	32.7	13.4	30.3	55.7	6.7	0.31	9.33
East South Central .....	629	41.3	14.4	24.9	45.9	5.2	0.34	8.35
West South Central .....	630	30.9	9.9	25.2	58.9	4.7	0.23	7.49
West .....	694	39.3	11.7	27.4	59.9	5.1	0.29	7.31
Mountain .....	913	56.6	28.4	50.3	90.9	6.2	0.38	6.78
Pacific .....	547	29.2	8.2	17.3	39.8	4.3	0.23	7.91

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**Table C24A. Natural Gas Consumption and Expenditure Intensities for All Buildings, 2003**

	Natural Gas Consumption					Natural Gas Expenditures		
	per Building (thousand cubic feet)	per Square Foot (cubic feet)	Distribution of Building-Level Intensities (cubic feet/square foot)			per Building (thousand dollars)	per Square Foot (dollars)	per Thousand Cubic Feet (dollars)
			25th Per-centile	Median	75th Per-centile			
<b>All Buildings</b> .....	803	42.0	17.9	37.4	71.0	6.3	0.33	7.86
<b>Climate Zone: 30-Year Average</b>								
Under 2,000 CDD and --.....								
More than 7,000 HDD .....	883	53.5	29.6	48.1	84.4	6.5	0.39	7.33
5,500-7,000 HDD .....	931	50.6	25.9	46.4	80.2	7.1	0.38	7.58
4,000-5,499 HDD .....	954	39.7	20.2	38.4	71.3	8.0	0.33	8.39
Fewer than 4,000 HDD .....	553	32.0	11.7	23.4	45.9	4.7	0.27	8.52
2,000 CDD or More and --								
Fewer than 4,000 HDD .....	674	26.3	6.4	16.1	47.9	5.3	0.21	7.90
<b>Number of Establishments</b>								
One .....	742	46.5	19.3	38.4	74.4	5.7	0.36	7.72
2 to 5 .....	757	40.0	16.3	36.3	66.9	6.2	0.33	8.15
6 to 10 .....	1,074	38.6	17.1	39.5	57.4	9.1	0.33	8.45
11 to 20 .....	2,431	30.2	11.9	26.4	51.9	20.1	0.25	8.26
More than 20 .....	Q	25.3	9.1	30.1	40.3	Q	0.20	7.98
Currently Unoccupied .....	480	18.8	8.4	21.7	47.1	3.9	0.15	8.10
<b>Energy Sources (more than one may apply)</b>								
Electricity .....	803	42.0	17.9	37.4	70.9	6.3	0.33	7.86
Natural Gas .....	803	42.0	17.9	37.4	71.0	6.3	0.33	7.86
Fuel Oil .....	3,549	44.9	12.0	35.3	65.7	25.7	0.33	7.25
District Heat .....	1,877	18.0	1.3	3.5	9.7	13.4	0.13	7.15
<b>Energy End Uses (more than one may apply)</b>								
Buildings with Space Heating .....	811	42.1	18.8	37.7	71.3	6.4	0.33	7.85
Buildings with Cooling .....	842	42.0	18.0	36.9	71.3	6.6	0.33	7.86
Buildings with Water Heating .....	874	43.0	19.3	39.4	74.5	6.8	0.34	7.83
<b>Annual Consumption (hundred cubic feet)</b>								
1,000 or Less .....	53	8.2	6.6	15.2	30.6	0.6	0.09	11.59
1,001 to 5,000 .....	241	24.8	21.9	38.8	68.0	2.2	0.23	9.27
5,001 to 10,000 .....	707	38.2	35.0	62.2	142.4	6.1	0.33	8.63
10,001 to 25,000 .....	1,508	45.4	38.9	73.1	150.3	12.2	0.37	8.07
25,001 to 50,000 .....	3,347	47.6	42.3	69.7	150.1	26.1	0.37	7.79
50,001 to 100,000 .....	6,948	49.7	40.1	73.3	117.7	48.5	0.35	6.98
Over 100,000 .....	24,523	79.9	55.3	90.2	137.8	167.3	0.55	6.82

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 natural gas.

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.



**Table C25A. Natural Gas Consumption and Conditional Energy Intensity by Census Region for All Buildings, 2003**

	Total Natural Gas Consumption (billion cubic feet)				Total Floorspace of Buildings Using Natural Gas (million square feet)				Natural Gas Energy Intensity (cubic feet/square foot)			
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West
<b>All Buildings</b> .....	448	728	511	350	10,162	14,144	15,260	8,907	44.1	51.5	33.5	39.3
<b>Building Floorspace (Square Feet)</b>												
1,000 to 5,000 .....	50	92	68	40	547	1,086	912	629	90.6	84.6	74.5	63.7
5,001 to 10,000 .....	39	63	69	46	661	1,064	1,439	806	59.2	59.4	48.1	57.4
10,001 to 25,000 .....	58	133	81	70	1,293	2,656	2,332	1,542	45.2	50.1	34.7	45.7
25,001 to 50,000 .....	48	122	52	48	1,048	2,407	1,797	1,352	45.5	50.7	29.2	35.5
50,001 to 100,000 .....	66	98	68	37	1,841	2,009	2,486	1,164	35.7	48.9	27.3	31.6
100,001 to 200,000 .....	69	93	77	28	1,816	1,967	2,685	1,077	37.9	47.1	28.6	26.4
200,001 to 500,000 .....	60	73	44	28	1,588	1,765	1,527	1,012	37.6	41.4	28.7	27.3
Over 500,000 .....	59	54	52	Q	1,367	1,190	2,082	1,325	43.1	45.4	24.9	39.2
<b>Principal Building Activity</b>												
Education .....	51	113	47	48	1,347	2,184	2,291	1,222	38.2	51.8	20.6	39.6
Food Sales .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Food Service .....	Q	50	87	Q	Q	379	623	Q	Q	133.2	139.3	Q
Health Care .....	47	64	87	38	464	657	987	436	100.9	97.0	88.4	86.1
Inpatient .....	41	50	80	27	351	395	812	247	117.4	127.2	98.6	108.1
Outpatient .....	Q	14	Q	Q	Q	262	Q	Q	Q	51.5	Q	Q
Lodging .....	35	66	55	52	982	1,015	1,338	920	Q	65.0	41.1	56.6
Mercantile .....	49	82	74	51	1,366	1,669	3,097	1,739	36.0	49.0	23.9	29.1
Retail (Other Than Mall) .....	16	37	23	12	385	688	1,148	645	42.3	54.1	20.4	18.3
Enclosed and Strip Malls .....	33	45	51	39	981	981	1,949	1,094	33.6	45.5	26.0	35.6
Office .....	89	104	33	35	2,301	2,447	1,915	1,544	38.8	42.3	17.2	23.0
Public Assembly .....	16	43	22	18	712	770	699	542	Q	56.4	32.1	32.4
Public Order and Safety .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Religious Worship .....	15	37	20	8	384	899	923	424	38.4	41.4	21.7	18.1
Service .....	23	57	28	Q	368	934	822	Q	62.2	61.3	34.6	Q
Warehouse and Storage .....	25	61	20	Q	985	1,921	1,617	971	25.8	31.9	12.1	Q
Other .....	45	Q	Q	Q	531	Q	Q	Q	85.5	Q	Q	Q
Vacant .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Year Constructed</b>												
Before 1920 .....	42	66	Q	Q	956	1,175	Q	Q	43.7	56.4	Q	Q
1920 to 1945 .....	90	94	23	18	1,919	1,344	790	722	47.0	69.6	28.8	25.6
1946 to 1959 .....	57	88	47	24	1,461	1,746	1,012	637	39.0	50.2	46.9	37.7
1960 to 1969 .....	63	102	55	48	1,385	2,023	1,555	1,176	45.8	50.3	35.3	40.4
1970 to 1979 .....	64	153	81	91	1,326	3,018	2,690	1,760	48.2	50.8	30.1	52.0
1980 to 1989 .....	47	89	110	82	1,256	1,601	3,108	1,862	37.7	55.4	35.3	44.3
1990 to 1999 .....	50	100	133	52	1,117	2,262	4,203	1,624	44.7	44.1	31.5	32.2
2000 to 2003 .....	35	37	44	21	742	973	1,506	879	46.6	38.0	29.3	23.4
<b>Climate Zone: 30-Year Average</b>												
Under 2,000 CDD and -- .....												
More than 7,000 HDD .....	Q	249	N	138	Q	4,665	N	2,521	51.1	53.4	N	54.9
5,500-7,000 HDD .....	207	435	N	73	4,188	8,633	N	1,302	49.4	50.4	N	55.8
4,000-5,499 HDD .....	175	44	123	15	4,676	846	2,992	456	37.4	51.7	41.1	33.0
Fewer than 4,000 HDD .....	N	N	269	108	N	N	7,577	4,219	N	N	35.6	25.6
2,000 CDD or More and -- .....												
Fewer than 4,000 HDD .....	N	N	119	15	N	N	4,690	408	N	N	25.3	37.8

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**Table C25A. Natural Gas Consumption and Conditional Energy Intensity by Census Region for All Buildings, 2003**

	Total Natural Gas Consumption (billion cubic feet)				Total Floorspace of Buildings Using Natural Gas (million square feet)				Natural Gas Energy Intensity (cubic feet/square foot)			
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West
<b>All Buildings</b> .....	448	728	511	350	10,162	14,144	15,260	8,907	44.1	51.5	33.5	39.3
<b>Number of Establishments</b>												
One .....	287	507	366	258	5,740	9,415	9,850	5,513	50.1	53.9	37.1	46.8
2 to 5 .....	79	145	78	47	2,111	2,727	2,379	1,499	37.3	53.2	32.6	31.2
6 to 10 .....	32	26	Q	17	677	574	Q	477	46.6	45.3	Q	34.8
11 to 20 .....	Q	22	24	Q	Q	418	845	Q	Q	51.8	28.5	Q
More than 20 .....	Q	Q	25	Q	Q	Q	1,448	Q	Q	Q	16.9	Q
Currently Unoccupied .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Energy Sources (more than one may apply)</b>												
Electricity .....	448	728	511	350	10,162	14,143	15,254	8,907	44.1	51.5	33.5	39.3
Natural Gas .....	448	728	511	350	10,162	14,144	15,260	8,907	44.1	51.5	33.5	39.3
Fuel Oil .....	153	138	137	79	4,049	2,200	3,356	1,691	37.8	62.6	40.8	46.8
District Heat .....	Q	14	14	Q	799	680	811	Q	19.3	21.0	16.7	Q
<b>Energy End Uses (more than one may apply)</b>												
Buildings with Space Heating .....	446	727	509	333	10,146	14,112	15,012	8,534	43.9	51.5	33.9	39.0
Buildings with Cooling .....	416	680	503	327	9,521	13,037	15,041	8,257	43.7	52.2	33.5	39.6
Buildings with Water Heating .....	435	706	493	340	9,739	13,379	14,408	8,360	44.7	52.8	34.2	40.7
<b>Annual Consumption (hundred cubic feet)</b>												
1,000 or Less .....	4	11	12	9	895	698	1,656	1,149	Q	16.1	7.0	7.9
1,001 to 5,000 .....	52	89	76	40	1,776	2,907	3,731	1,969	29.4	30.6	20.4	20.3
5,001 to 10,000 .....	50	102	69	44	1,078	2,085	2,570	1,215	46.8	49.1	26.8	36.1
10,001 to 25,000 .....	83	134	93	80	2,115	2,462	2,442	1,585	39.4	54.3	38.1	50.7
25,001 to 50,000 .....	60	123	79	61	1,614	2,345	1,879	962	37.3	52.6	42.3	63.5
50,001 to 100,000 .....	44	94	60	37	823	1,645	1,349	899	53.8	57.1	44.2	40.8
Over 100,000 .....	153	175	122	79	1,860	2,003	1,632	1,128	82.5	87.2	75.1	69.9

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 natural gas.

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.

**Table C26A. Natural Gas Expenditures by Census Region for All Buildings, 2003**

	Total Natural Gas Expenditures (million dollars)				Natural Gas Expenditures (dollars)							
					per Thousand Cubic Feet				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> .....	3,883	5,215	4,356	2,557	8.66	7.16	8.53	7.31	0.38	0.37	0.29	0.29
<b>Building Floorspace (Square Feet)</b>												
1,001 to 5,000 .....	489	788	632	318	9.87	8.58	9.30	7.95	0.89	0.73	0.69	0.51
5,001 to 10,000 .....	358	485	632	356	9.16	7.67	9.14	7.69	0.54	0.46	0.44	0.44
10,001 to 25,000 .....	576	1,060	760	500	9.85	7.97	9.40	7.10	0.45	0.40	0.33	0.32
25,001 to 50,000 .....	440	798	459	357	9.23	6.54	8.75	7.43	0.42	0.33	0.26	0.26
50,001 to 100,000 .....	602	693	582	263	9.16	7.06	8.57	7.14	0.33	0.34	0.23	0.23
100,001 to 200,000 .....	488	634	650	192	7.09	6.84	Q	6.76	0.27	0.32	0.24	0.18
200,001 to 500,000 .....	457	442	319	179	7.64	6.05	7.26	6.47	0.29	0.25	0.21	0.18
Over 500,000 .....	472	315	323	Q	8.01	5.84	6.22	7.53	0.35	0.26	0.16	0.30
<b>Principal Building Activity</b>												
Education .....	412	740	397	339	8.02	6.55	8.42	7.01	0.31	0.34	0.17	0.28
Food Sales .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Food Service .....	Q	355	747	Q	Q	7.04	8.61	Q	Q	0.94	1.20	Q
Health Care .....	310	381	630	217	6.62	5.98	7.23	5.79	0.67	0.58	0.64	0.50
Inpatient .....	255	279	565	143	6.19	5.55	7.05	5.36	0.73	0.71	0.69	0.58
Outpatient .....	Q	103	Q	Q	Q	7.60	Q	Q	Q	0.39	Q	Q
Lodging .....	295	419	447	Q	8.44	6.34	8.12	8.06	Q	0.41	0.33	0.46
Mercantile .....	471	645	702	386	9.56	7.88	9.48	7.63	0.34	0.39	0.23	0.22
Retail (Other Than Mall) .....	141	274	212	91	8.69	7.38	9.06	7.73	0.37	0.40	0.18	0.14
Enclosed and Strip Malls .....	329	371	490	295	9.99	8.31	9.67	7.60	0.34	0.38	0.25	0.27
Office .....	827	826	287	261	9.27	7.97	8.71	7.34	0.36	0.34	0.15	0.17
Public Assembly .....	142	315	188	129	9.11	7.26	8.39	7.36	Q	0.41	0.27	0.24
Public Order and Safety .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Religious Worship .....	142	285	176	61	9.61	7.66	8.80	7.95	0.37	0.32	0.19	0.14
Service .....	Q	438	260	Q	Q	7.66	9.16	Q	Q	0.47	0.32	Q
Warehouse and Storage .....	234	399	187	Q	9.19	6.50	9.57	7.07	0.24	0.21	0.12	0.16
Other .....	355	Q	Q	Q	7.81	Q	Q	Q	0.67	Q	Q	Q
Vacant .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Year Constructed</b>												
Before 1920 .....	393	502	Q	Q	9.38	7.58	Q	Q	0.41	0.43	Q	Q
1920 to 1945 .....	804	582	208	140	8.91	6.23	9.14	7.56	0.42	0.43	0.26	0.19
1946 to 1959 .....	442	658	403	165	7.76	7.51	Q	6.85	0.30	0.38	0.40	0.26
1960 to 1969 .....	565	705	457	337	8.91	6.93	8.32	7.08	0.41	0.35	0.29	0.29
1970 to 1979 .....	559	1,056	625	636	8.75	6.89	7.72	6.95	0.42	0.35	0.23	0.36
1980 to 1989 .....	435	678	946	626	9.18	7.64	8.61	7.59	0.35	0.42	0.30	0.34
1990 to 1999 .....	395	724	1,192	411	7.91	7.26	8.99	7.87	0.35	0.32	0.28	0.25
2000 to 2003 .....	291	309	377	148	8.42	8.35	8.56	7.19	0.39	0.32	0.25	0.17
<b>Climate Zone: 30-Year Average</b>												
Under 2,000 CDD and --												
More than 7,000 HDD .....	Q	1,924	N	867	8.11	7.72	N	6.26	0.41	0.41	N	0.34
5,500-7,000 HDD .....	1,791	3,048	N	577	8.65	7.00	N	7.95	0.43	0.35	N	0.44
4,000-5,499 HDD .....	1,553	243	1,088	105	8.89	5.56	8.85	6.99	0.33	0.29	0.36	0.23
Fewer than 4,000 HDD .....	N	N	2,330	888	N	N	8.65	8.21	N	N	0.31	0.21
2,000 CDD or More and --												
Fewer than 4,000 HDD .....	N	N	939	120	N	N	7.92	7.76	N	N	0.20	0.29
<b>Number of Establishments</b>												
One .....	2,391	3,580	3,100	1,879	8.32	7.06	8.48	7.29	0.42	0.38	0.31	0.34
2 to 5 .....	738	1,088	669	343	9.37	7.50	8.63	7.32	0.35	0.40	0.28	0.23
6 to 10 .....	297	192	Q	126	9.41	7.38	Q	7.57	0.44	0.33	Q	0.26
11 to 20 .....	Q	163	204	Q	Q	7.53	8.48	Q	Q	0.39	0.24	Q
More than 20 .....	Q	Q	207	Q	Q	Q	8.44	Q	Q	Q	0.14	Q
Currently Unoccupied .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q

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**Table C26A. Natural Gas Expenditures by Census Region for All Buildings, 2003**

	Total Natural Gas Expenditures (million dollars)				Natural Gas Expenditures (dollars)							
					per Thousand Cubic Feet				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> .....	3,883	5,215	4,356	2,557	8.66	7.16	8.53	7.31	0.38	0.37	0.29	0.29
<b>Energy Sources (more than one may apply)</b>												
Electricity .....	3,883	5,214	4,356	2,557	8.66	7.16	8.53	7.31	0.38	0.37	0.29	0.29
Natural Gas .....	3,883	5,215	4,356	2,557	8.66	7.16	8.53	7.31	0.38	0.37	0.29	0.29
Fuel Oil .....	1,210	850	1,037	579	7.90	6.17	7.57	7.32	0.30	0.39	0.31	0.34
District Heat .....	113	Q	107	Q	7.33	6.43	7.92	Q	0.14	0.14	0.13	Q
<b>Energy End Uses (more than one may apply)</b>												
Buildings with Space Heating .....	3,862	5,205	4,338	2,416	8.66	7.16	8.52	7.26	0.38	0.37	0.29	0.28
Buildings with Cooling .....	3,624	4,838	4,289	2,391	8.71	7.11	8.52	7.30	0.38	0.37	0.29	0.29
Buildings with Water Heating .....	3,759	5,041	4,171	2,483	8.64	7.14	8.46	7.31	0.39	0.38	0.29	0.30
<b>Annual Consumption (hundred cubic feet)</b>												
1,000 or Less .....	57	116	146	98	13.78	10.34	12.61	10.83	Q	0.17	0.09	0.09
1,001 to 5,000 .....	548	771	748	317	10.47	8.67	9.85	7.90	0.31	0.27	0.20	0.16
5,001 to 10,000 .....	502	822	633	333	9.95	8.03	9.19	7.60	0.47	0.39	0.25	0.27
10,001 to 25,000 .....	764	1,003	807	575	9.16	7.51	8.68	7.16	0.36	0.41	0.33	0.36
25,001 to 50,000 .....	491	919	675	439	8.15	7.45	8.50	7.20	0.30	0.39	0.36	0.46
50,001 to 100,000 .....	373	526	486	249	8.44	5.60	8.16	6.81	0.45	0.32	0.36	0.28
Over 100,000 .....	1,147	1,058	860	545	7.48	6.05	7.02	6.92	0.62	0.53	0.53	0.48

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 natural gas.

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.

**Table C27A. Natural Gas Consumption and Conditional Energy Intensity by Census Division for All Buildings, 2003: Part 1**

	Total Natural Gas Consumption (billion cubic feet)			Total Floorspace of Buildings Using Natural Gas (million square feet)			Natural Gas Energy Intensity (cubic feet/square foot)		
	New England	Middle Atlantic	East North Central	New England	Middle Atlantic	East North Central	New England	Middle Atlantic	East North Central
<b>All Buildings</b> .....	85	364	550	1,861	8,301	10,356	45.4	43.8	53.1
<b>Building Floorspace (Square Feet)</b>									
1,001 to 5,000 .....	Q	42	69	Q	427	741	Q	98.4	92.9
5,001 to 10,000 .....	Q	32	49	Q	518	743	Q	62.1	65.5
10,001 to 25,000 .....	Q	47	102	Q	952	1,860	Q	49.7	54.6
25,001 to 50,000 .....	Q	42	78	Q	900	1,567	Q	47.1	49.6
50,001 to 100,000 .....	Q	49	77	Q	1,421	1,611	Q	34.4	47.7
100,001 to 200,000 .....	Q	44	73	Q	1,531	1,454	Q	28.4	50.4
200,001 to 500,000 .....	Q	55	58	Q	1,484	1,323	Q	37.3	43.5
Over 500,000 .....	Q	52	45	Q	1,068	1,056	Q	48.6	43.0
<b>Principal Building Activity</b>									
Education .....	Q	49	99	Q	1,247	1,804	Q	39.5	54.6
Food Sales .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Food Service .....	Q	Q	35	Q	Q	228	Q	Q	152.9
Health Care .....	Q	41	49	Q	396	484	Q	103.8	100.6
Inpatient .....	Q	37	38	Q	306	287	Q	120.3	131.2
Outpatient .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Lodging .....	Q	Q	39	Q	Q	507	Q	Q	77.5
Mercantile .....	Q	34	66	Q	854	1,271	Q	39.8	52.3
Retail (Other Than Mall) .....	Q	13	29	Q	269	485	Q	48.2	59.2
Enclosed and Strip Malls .....	Q	Q	38	Q	Q	787	Q	Q	48.0
Office .....	Q	72	84	Q	1,887	1,929	Q	38.2	43.7
Public Assembly .....	Q	12	35	Q	602	550	Q	Q	64.2
Public Order and Safety .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Religious Worship .....	Q	Q	29	Q	Q	624	Q	Q	46.3
Service .....	Q	Q	44	Q	Q	723	Q	Q	61.5
Warehouse and Storage .....	Q	24	34	Q	913	1,259	Q	26.0	26.7
Other .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Vacant .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Year Constructed</b>									
Before 1920 .....	Q	30	48	Q	704	819	Q	43.0	58.0
1920 to 1945 .....	Q	74	65	Q	1,609	959	Q	45.7	68.2
1946 to 1959 .....	Q	52	69	Q	1,277	1,425	Q	40.8	48.7
1960 to 1969 .....	Q	55	75	Q	1,171	1,403	Q	46.8	53.6
1970 to 1979 .....	Q	54	124	Q	1,174	2,182	Q	46.2	56.7
1980 to 1989 .....	Q	35	73	Q	964	1,325	Q	36.0	55.3
1990 to 1999 .....	Q	38	67	Q	982	1,509	Q	38.8	44.1
2000 to 2003 .....	Q	Q	29	Q	Q	733	Q	Q	39.4
<b>Climate Zone: 30-Year Average</b>									
Under 2,000 CDD and --									
More than 7,000 HDD .....	Q	Q	160	Q	Q	2,807	Q	51.6	56.9
5,500-7,000 HDD .....	84	123	390	1,848	2,339	7,549	45.7	52.4	51.7
4,000-5,499 HDD .....	N	175	N	N	4,676	N	N	37.4	N
Fewer than 4,000 HDD .....	N	N	N	N	N	N	N	N	N
2,000 CDD or More and --									
Fewer than 4,000 HDD .....	N	N	N	N	N	N	N	N	N

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**Table C27A. Natural Gas Consumption and Conditional Energy Intensity by Census Division for All Buildings, 2003: Part 1**

	Total Natural Gas Consumption (billion cubic feet)			Total Floorspace of Buildings Using Natural Gas (million square feet)			Natural Gas Energy Intensity (cubic feet/square foot)		
	New England	Middle Atlantic	East North Central	New England	Middle Atlantic	East North Central	New England	Middle Atlantic	East North Central
<b>All Buildings</b> .....	85	364	550	1,861	8,301	10,356	45.4	43.8	53.1
<b>Number of Establishments</b>									
One .....	45	243	386	826	4,915	6,833	54.0	49.4	56.5
2 to 5 .....	Q	56	105	Q	1,651	1,957	Q	33.7	53.9
6 to 10 .....	Q	21	17	Q	475	353	Q	44.4	48.3
11 to 20 .....	Q	Q	21	Q	Q	398	Q	Q	52.9
More than 20 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Currently Unoccupied .....	N	Q	Q	N	Q	Q	N	Q	Q
<b>Energy Sources (more than one may apply)</b>									
Electricity .....	85	364	550	1,861	8,301	10,355	45.4	43.8	53.1
Natural Gas .....	85	364	550	1,861	8,301	10,356	45.4	43.8	53.1
Fuel Oil .....	Q	128	96	Q	3,368	1,494	Q	38.1	64.2
District Heat .....	Q	Q	Q	Q	482	Q	Q	20.1	Q
<b>Energy End Uses (more than one may apply)</b>									
Buildings with Space Heating .....	85	361	549	1,861	8,285	10,326	45.4	43.6	53.1
Buildings with Cooling .....	80	336	510	1,709	7,812	9,475	46.8	43.0	53.9
Buildings with Water Heating .....	80	355	535	1,767	7,972	9,851	45.4	44.5	54.3
<b>Annual Consumption (hundred cubic feet)</b>									
1,000 or Less .....	Q	3	7	Q	Q	425	Q	Q	16.4
1,001 to 5,000 .....	13	39	61	401	1,376	2,029	32.3	28.6	29.8
5,001 to 10,000 .....	Q	41	77	Q	864	1,517	Q	47.2	50.7
10,001 to 25,000 .....	Q	73	99	Q	1,757	1,753	Q	41.4	56.5
25,001 to 50,000 .....	Q	54	95	Q	1,369	1,799	Q	39.7	52.9
50,001 to 100,000 .....	Q	32	61	Q	646	1,092	Q	49.6	55.6
Over 100,000 .....	Q	121	151	Q	1,562	1,740	Q	77.8	86.6

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 natural gas.

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.

**Table C28A. Natural Gas Consumption and Conditional Energy Intensity by Census Division for All Buildings, 2003: Part 2**

	Total Natural Gas Consumption (billion cubic feet)			Total Floorspace of Buildings Using Natural Gas (million square feet)			Natural Gas Energy Intensity (cubic feet/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
<b>All Buildings</b> .....	178	238	104	3,788	7,286	2,521	47.0	32.7	41.3
<b>Building Floorspace (Square Feet)</b>									
1,001 to 5,000 .....	23	27	11	346	360	218	66.6	75.8	51.9
5,001 to 10,000 .....	14	36	Q	321	662	Q	45.1	53.8	Q
10,001 to 25,000 .....	31	33	Q	796	1,102	604	39.5	29.9	Q
25,001 to 50,000 .....	44	21	13	840	834	410	52.6	25.3	Q
50,001 to 100,000 .....	Q	32	15	Q	971	523	Q	33.3	28.8
100,001 to 200,000 .....	19	Q	Q	512	1,447	Q	37.8	30.2	Q
200,001 to 500,000 .....	Q	25	Q	Q	862	Q	Q	29.3	Q
Over 500,000 .....	Q	20	Q	Q	Q	Q	Q	19.3	Q
<b>Principal Building Activity</b>									
Education .....	14	25	Q	380	1,274	Q	38.1	19.6	Q
Food Sales .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Food Service .....	Q	42	Q	Q	339	Q	Q	123.8	Q
Health Care .....	Q	Q	17	Q	508	196	Q	87.5	86.2
Inpatient .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Outpatient .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Lodging .....	27	25	Q	508	630	Q	52.6	39.9	Q
Mercantile .....	Q	38	Q	Q	1,425	Q	Q	26.5	Q
Retail (Other Than Mall) .....	Q	9	Q	Q	465	Q	Q	20.4	Q
Enclosed and Strip Malls .....	Q	28	Q	Q	960	Q	Q	29.4	Q
Office .....	19	12	Q	518	821	321	37.4	14.7	28.5
Public Assembly .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Public Order and Safety .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Religious Worship .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Service .....	13	Q	Q	211	Q	Q	60.7	Q	Q
Warehouse and Storage .....	Q	Q	Q	662	Q	Q	41.8	Q	Q
Other .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Vacant .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Year Constructed</b>									
Before 1920 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
1920 to 1945 .....	Q	Q	Q	385	Q	Q	73.1	Q	Q
1946 to 1959 .....	18	Q	Q	321	512	Q	56.7	Q	Q
1960 to 1969 .....	27	24	Q	620	656	Q	42.8	36.7	Q
1970 to 1979 .....	30	25	23	836	904	510	35.5	27.5	45.1
1980 to 1989 .....	Q	45	Q	Q	1,360	420	Q	33.3	65.5
1990 to 1999 .....	33	73	18	753	2,511	670	44.0	29.1	26.7
2000 to 2003 .....	Q	23	Q	Q	842	Q	Q	26.8	Q
<b>Climate Zone: 30-Year Average</b>									
Under 2,000 CDD and --									
More than 7,000 HDD .....	89	N	N	1,859	N	N	48.1	N	N
5,500-7,000 HDD .....	45	N	N	Q	N	N	Q	N	N
4,000-5,499 HDD .....	44	71	Q	846	2,047	Q	51.7	34.5	Q
Fewer than 4,000 HDD .....	N	143	Q	N	4,089	Q	N	35.0	33.5
2,000 CDD or More and --									
Fewer than 4,000 HDD .....	N	Q	Q	N	Q	Q	N	21.4	42.7

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**Table C28A. Natural Gas Consumption and Conditional Energy Intensity by Census Division for All Buildings, 2003: Part 2**

	Total Natural Gas Consumption (billion cubic feet)			Total Floorspace of Buildings Using Natural Gas (million square feet)			Natural Gas Energy Intensity (cubic feet/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
<b>All Buildings</b> .....	178	238	104	3,788	7,286	2,521	47.0	32.7	41.3
<b>Number of Establishments</b>									
One .....	121	172	83	2,582	4,735	1,810	47.0	36.4	45.7
2 to 5 .....	40	31	Q	771	1,169	Q	51.5	26.5	Q
6 to 10 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
11 to 20 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
More than 20 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Currently Unoccupied .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Energy Sources (more than one may apply)</b>									
Electricity .....	178	238	104	3,788	7,286	2,521	47.0	32.7	41.3
Natural Gas .....	178	238	104	3,788	7,286	2,521	47.0	32.7	41.3
Fuel Oil .....	42	78	Q	706	1,871	Q	59.1	41.6	Q
District Heat .....	Q	Q	Q	Q	526	Q	Q	Q	Q
<b>Energy End Uses (more than one may apply)</b>									
Buildings with Space Heating .....	178	237	104	3,786	7,167	2,495	47.0	33.1	41.7
Buildings with Cooling .....	170	234	103	3,562	7,189	2,494	47.7	32.5	41.3
Buildings with Water Heating .....	171	232	101	3,529	7,006	2,392	48.6	33.1	42.3
<b>Annual Consumption (hundred cubic feet)</b>									
1,000 or Less .....	4	5	2	272	649	235	15.7	8.1	9.2
1,001 to 5,000 .....	28	35	19	877	1,593	879	32.3	22.1	21.9
5,001 to 10,000 .....	25	32	Q	568	1,265	Q	44.9	25.0	Q
10,001 to 25,000 .....	34	44	17	709	1,219	503	48.7	36.1	34.4
25,001 to 50,000 .....	28	38	Q	546	1,051	Q	51.8	36.4	Q
50,001 to 100,000 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Over 100,000 .....	Q	63	Q	Q	852	Q	Q	73.8	Q

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 natural gas.

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.



**Table C29A. Natural Gas Consumption and Conditional Energy Intensity by Census Division for All Buildings, 2003: Part 3**

	Total Natural Gas Consumption (billion cubic feet)			Total Floorspace of Buildings Using Natural Gas (million square feet)			Natural Gas Energy Intensity (cubic feet/square foot)		
	West South Central	Mountain	Pacific	West South Central	Mountain	Pacific	West South Central	Mountain	Pacific
<b>All Buildings</b> .....	168	185	165	5,453	3,263	5,644	30.9	56.6	29.2
<b>Building Floorspace (Square Feet)</b>									
1,001 to 5,000 .....	29	18	Q	334	266	363	87.9	68.5	60.2
5,001 to 10,000 .....	25	Q	Q	545	291	514	45.6	62.7	54.4
10,001 to 25,000 .....	20	45	26	626	699	844	32.1	63.9	30.6
25,001 to 50,000 .....	18	25	23	552	521	831	32.8	48.4	27.4
50,001 to 100,000 .....	21	Q	21	992	Q	821	20.7	Q	25.9
100,001 to 200,000 .....	20	Q	15	958	Q	754	21.4	Q	19.3
200,001 to 500,000 .....	Q	Q	14	502	Q	687	21.0	Q	20.6
Over 500,000 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Principal Building Activity</b>									
Education .....	16	21	28	797	420	802	20.6	48.8	34.8
Food Sales .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Food Service .....	37	Q	Q	211	Q	Q	175.7	Q	Q
Health Care .....	26	19	19	282	162	274	91.4	115.5	68.7
Inpatient .....	23	Q	Q	235	Q	Q	96.0	Q	Q
Outpatient .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Lodging .....	Q	Q	16	Q	Q	515	Q	Q	31.5
Mercantile .....	24	29	21	1,185	656	1,083	20.3	44.7	19.7
Retail (Other Than Mall) .....	7	Q	5	436	Q	455	16.2	Q	11.4
Enclosed and Strip Malls .....	17	Q	Q	750	Q	Q	22.7	Q	Q
Office .....	12	19	17	Q	379	1,165	15.2	50.0	14.2
Public Assembly .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Public Order and Safety .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Religious Worship .....	Q	Q	Q	336	Q	Q	19.4	Q	Q
Service .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Warehouse and Storage .....	Q	Q	Q	614	Q	Q	11.3	Q	Q
Other .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Vacant .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Year Constructed</b>									
Before 1920 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
1920 to 1945 .....	8	Q	13	271	Q	601	29.9	Q	21.4
1946 to 1959 .....	14	Q	16	380	Q	495	37.2	Q	31.7
1960 to 1969 .....	14	29	19	574	464	713	25.2	62.4	26.1
1970 to 1979 .....	33	61	30	1,276	897	863	25.9	68.4	34.9
1980 to 1989 .....	37	41	41	1,327	562	1,300	27.9	73.3	31.8
1990 to 1999 .....	42	20	32	1,022	548	1,076	40.7	36.6	29.9
2000 to 2003 .....	14	Q	10	477	Q	481	29.9	Q	20.1
<b>Climate Zone: 30-Year Average</b>									
Under 2,000 CDD and --									
More than 7,000 HDD .....	N	116	Q	N	2,019	Q	N	57.4	44.6
5,500-7,000 HDD .....	N	60	13	N	919	383	N	64.9	33.7
4,000-5,499 HDD .....	Q	N	15	Q	N	456	Q	N	33.0
Fewer than 4,000 HDD .....	77	N	108	2,020	N	4,219	38.1	N	25.6
2,000 CDD or More and --									
Fewer than 4,000 HDD .....	80	9	Q	3,205	325	Q	24.9	27.9	Q

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**Table C29A. Natural Gas Consumption and Conditional Energy Intensity by Census Division for All Buildings, 2003: Part 3**

	Total Natural Gas Consumption (billion cubic feet)			Total Floorspace of Buildings Using Natural Gas (million square feet)			Natural Gas Energy Intensity (cubic feet/square foot)		
	West South Central	Mountain	Pacific	West South Central	Mountain	Pacific	West South Central	Mountain	Pacific
<b>All Buildings</b> .....	168	185	165	5,453	3,263	5,644	30.9	56.6	29.2
<b>Number of Establishments</b>									
One .....	110	141	117	3,306	2,214	3,299	33.4	63.5	35.5
2 to 5 .....	34	20	27	870	470	1,029	39.0	42.8	26.0
6 to 10 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
11 to 20 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
More than 20 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Currently Unoccupied .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Energy Sources (more than one may apply)</b>									
Electricity .....	168	185	165	5,448	3,263	5,644	30.9	56.6	29.2
Natural Gas .....	168	185	165	5,453	3,263	5,644	30.9	56.6	29.2
Fuel Oil .....	36	Q	38	Q	476	1,215	29.7	86.7	31.2
District Heat .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Energy End Uses (more than one may apply)</b>									
Buildings with Space Heating .....	168	182	151	5,349	3,168	5,366	31.3	57.5	28.1
Buildings with Cooling .....	167	178	150	5,358	3,091	5,166	31.1	57.5	29.0
Buildings with Water Heating .....	160	181	159	5,010	3,123	5,237	31.9	58.1	30.3
<b>Annual Consumption (hundred cubic feet)</b>									
1,000 or Less .....	4	Q	7	773	Q	930	5.4	Q	7.1
1,001 to 5,000 .....	22	20	20	1,260	617	1,352	17.1	32.9	14.6
5,001 to 10,000 .....	26	23	21	986	427	788	26.2	53.9	26.4
10,001 to 25,000 .....	32	Q	41	720	Q	1,057	44.0	73.7	39.1
25,001 to 50,000 .....	36	28	33	660	533	428	55.1	53.0	76.4
50,001 to 100,000 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Over 100,000 .....	33	51	28	498	603	524	66.1	84.5	53.0

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/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 natural gas.

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.

**Table C30A. Natural Gas Consumption and Conditional Energy Intensity by Climate Zone<sup>a</sup> for All Buildings, 2003**

	Total Natural Gas Consumption (billion cubic feet)					Total Floorspace of Buildings Using Natural Gas (million square feet)					Natural Gas Energy Intensity (cubic feet/square foot)				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
<b>All Buildings</b> .....	454	715	356	378	134	8,486	14,122	8,970	11,796	5,098	53.5	50.6	39.7	32.0	26.3
<b>Building Floorspace (Square Feet)</b>															
1,001 to 5,000 .....	57	84	35	58	16	666	1,015	427	832	234	84.8	83.1	81.9	69.6	66.6
5,001 to 10,000 .....	50	57	33	61	17	666	1,030	639	1,243	392	75.2	54.9	51.2	49.2	44.0
10,001 to 25,000 .....	98	121	53	55	15	1,831	2,415	1,024	1,994	561	53.7	50.1	52.1	27.5	27.4
25,001 to 50,000 .....	61	95	56	39	19	1,340	1,963	1,138	1,662	501	45.7	48.3	49.5	23.3	37.8
50,001 to 100,000 .....	64	97	47	45	16	1,217	2,300	1,453	1,744	786	52.3	42.2	32.7	25.9	19.8
100,001 to 200,000 .....	38	123	34	Q	12	1,075	2,316	1,431	1,833	889	35.6	53.0	23.5	32.8	13.5
200,001 to 500,000 .....	55	62	40	31	16	1,036	1,517	1,439	1,186	714	52.8	41.1	27.6	26.5	22.6
Over 500,000 .....	Q	76	58	28	Q	Q	1,566	1,419	1,301	Q	Q	48.4	41.2	21.7	Q
<b>Principal Building Activity</b>															
Education .....	65	113	26	48	9	1,227	2,281	968	1,700	869	53.0	49.4	26.4	28.2	10.1
Food Sales .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Food Service .....	27	49	Q	64	31	174	368	Q	393	277	154.3	134.4	Q	161.9	110.9
Health Care .....	38	69	36	64	29	383	665	454	720	323	98.4	103.5	78.3	89.5	89.4
Inpatient .....	27	56	30	59	26	237	414	302	589	264	114.1	136.3	99.9	99.4	98.8
Outpatient .....	Q	12	Q	Q	Q	Q	251	Q	Q	Q	Q	49.4	Q	Q	Q
Lodging .....	34	86	36	34	18	609	1,183	958	967	538	55.5	72.8	Q	35.3	32.8
Mercantile .....	63	83	46	46	17	1,433	1,867	1,308	2,219	1,044	43.8	44.6	35.3	20.9	16.6
Retail (Other Than Mall) .....	27	27	16	16	Q	593	595	451	931	Q	46.1	45.8	36.1	17.0	Q
Enclosed and Strip Malls .....	35	56	30	30	Q	840	1,272	857	1,287	Q	42.2	44.1	34.9	23.7	Q
Office .....	60	106	60	22	14	1,252	2,575	1,977	1,539	865	48.0	41.0	30.1	14.4	16.1
Public Assembly .....	32	30	Q	25	Q	639	537	Q	700	Q	49.7	55.0	Q	35.4	Q
Public Order and Safety .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Religious Worship .....	14	38	14	13	Q	277	973	412	774	Q	49.2	38.9	32.8	16.5	Q
Service .....	49	37	18	23	Q	697	717	422	511	Q	70.9	52.1	Q	44.8	Q
Warehouse and Storage .....	33	44	33	16	Q	963	1,672	1,071	1,463	Q	34.5	26.4	30.7	11.2	Q
Other .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Vacant .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Year Constructed</b>															
Before 1920 .....	55	46	25	Q	Q	832	1,048	599	Q	Q	66.4	43.6	41.9	Q	Q
1920 to 1945 .....	49	72	77	18	Q	764	1,345	1,588	842	Q	64.8	53.3	48.5	21.2	Q
1946 to 1959 .....	38	100	30	44	Q	660	1,894	1,058	993	Q	56.9	52.7	28.2	43.9	Q
1960 to 1969 .....	62	106	39	42	19	1,047	2,021	1,128	1,351	593	59.2	52.4	34.3	31.1	32.2
1970 to 1979 .....	112	139	50	64	25	1,993	2,530	1,400	1,859	1,013	56.0	55.0	36.0	34.3	24.7
1980 to 1989 .....	46	125	54	80	23	762	2,210	1,265	2,542	1,049	60.0	56.7	43.1	31.4	22.1
1990 to 1999 .....	69	87	51	93	34	1,735	1,988	1,202	3,012	1,267	40.0	43.8	42.4	30.9	26.9
2000 to 2003 .....	23	40	Q	28	15	693	1,086	729	990	601	33.3	37.0	41.0	28.1	25.3
<b>Census Region and Division</b>															
Northeast .....	Q	207	175	N	N	Q	4,188	4,676	N	N	51.1	49.4	37.4	N	N
New England .....	Q	84	N	N	N	Q	1,848	N	N	N	Q	45.7	N	N	N
Middle Atlantic .....	Q	123	175	N	N	Q	2,339	4,676	N	N	51.6	52.4	37.4	N	N
Midwest .....	249	435	44	N	N	4,665	8,633	846	N	N	53.4	50.4	51.7	N	N
East North Central .....	160	390	N	N	N	2,807	7,549	N	N	N	56.9	51.7	N	N	N
West North Central .....	89	45	44	N	N	1,859	Q	846	N	N	48.1	Q	51.7	N	N
South .....	N	N	123	269	119	N	N	2,992	7,577	4,690	N	N	41.1	35.6	25.3
South Atlantic .....	N	N	71	143	Q	N	N	2,047	4,089	Q	N	N	34.5	35.0	21.4
East South Central .....	N	N	Q	Q	Q	N	N	Q	Q	Q	N	N	Q	33.5	42.7
West South Central .....	N	N	Q	77	80	N	N	Q	2,020	3,205	N	N	Q	38.1	24.9
West .....	138	73	15	108	15	2,521	1,302	456	4,219	408	54.9	55.8	33.0	25.6	37.8
Mountain .....	116	60	N	N	9	2,019	919	N	N	325	57.4	64.9	N	N	27.9
Pacific .....	Q	13	15	108	Q	Q	383	456	4,219	Q	44.6	33.7	33.0	25.6	76.8

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**Table C30A. Natural Gas Consumption and Conditional Energy Intensity by Climate Zone<sup>a</sup> for All Buildings, 2003**

	Total Natural Gas Consumption (billion cubic feet)					Total Floorspace of Buildings Using Natural Gas (million square feet)					Natural Gas Energy Intensity (cubic feet/square foot)				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
<b>All Buildings</b> .....	454	715	356	378	134	8,486	14,122	8,970	11,796	5,098	53.5	50.6	39.7	32.0	26.3
<b>Number of Establishments</b>															
One .....	300	501	247	289	80	5,184	9,094	5,555	7,980	2,706	58.0	55.1	44.4	36.2	29.7
2 to 5 .....	109	123	42	50	25	2,065	2,506	1,525	1,938	683	52.7	48.9	27.3	25.9	36.8
6 to 10 .....	22	39	13	Q	Q	537	708	388	Q	Q	40.3	55.3	33.6	Q	Q
11 to 20 .....	Q	23	Q	Q	Q	Q	551	Q	524	Q	Q	41.6	Q	29.7	Q
More than 20 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Currently Unoccupied .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Energy Sources (more than one may apply)</b>															
Electricity .....	454	715	356	378	134	8,484	14,122	8,970	11,796	5,093	53.5	50.6	39.7	32.0	26.3
Natural Gas .....	454	715	356	378	134	8,486	14,122	8,970	11,796	5,098	53.5	50.6	39.7	32.0	26.3
Fuel Oil .....	85	161	131	95	36	1,381	2,636	3,788	2,045	1,447	61.5	61.0	34.5	46.3	24.8
District Heat .....	Q	Q	Q	Q	Q	347	922	593	Q	Q	Q	20.0	Q	Q	Q
<b>Energy End Uses (more than one may apply)</b>															
Buildings with Space Heating .....	453	713	354	363	131	8,481	14,066	8,965	11,479	4,812	53.4	50.7	39.5	31.6	27.3
Buildings with Cooling .....	427	666	340	361	133	7,899	12,870	8,760	11,258	5,069	54.0	51.7	38.8	32.1	26.2
Buildings with Water Heating .....	445	686	350	363	130	8,088	13,297	8,725	10,993	4,782	55.1	51.6	40.1	33.0	27.2
<b>Annual Consumption (hundred cubic feet)</b>															
1,000 or Less .....	7	9	4	13	3	512	715	868	1,578	726	13.5	13.0	Q	8.3	3.6
1,001 to 5,000 .....	52	90	38	63	14	1,645	2,866	1,538	3,327	1,008	31.4	31.6	25.0	18.9	13.6
5,001 to 10,000 .....	68	91	42	45	20	1,246	1,897	1,035	1,691	1,079	54.2	48.0	40.2	26.9	18.2
10,001 to 25,000 .....	105	124	60	71	30	1,699	2,594	1,750	1,815	746	61.9	47.7	34.3	39.4	40.1
25,001 to 50,000 .....	79	102	54	69	20	1,323	2,194	1,475	1,174	635	60.0	46.4	36.7	58.5	31.4
50,001 to 100,000 .....	46	84	60	Q	Q	787	1,499	899	Q	Q	58.6	56.1	66.8	Q	Q
Over 100,000 .....	97	214	98	83	37	1,275	2,358	1,404	1,022	564	76.2	90.8	69.8	81.2	65.8

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>.

<sup>a</sup> Climate zone (30-year average) definitions: Zone 1 = Under 2,000 CDD and more than 7,000 HDD; Zone 2 = Under 2,000 CDD and 5,500-7,000 HDD; Zone 3 = Under 2,000 CDD and 4,000-5,499 HDD; Zone 4 = Under 2,000 CDD and fewer than 4,000 HDD; Zone 5 = 2,000 CDD or more and fewer than 4,000 HDD. (See "Glossary" for definitions of CDD and HDD.)

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 natural gas.

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.

**Table C31A. Natural Gas Consumption and Conditional Energy Intensity by Building Size for All Buildings, 2003**

	Total Natural Gas Consumption (billion cubic feet)			Total Floorspace of Buildings Using Natural Gas (million square feet)			Natural Gas Energy Intensity (cubic feet/square foot)		
	1,001 to 10,000 Square Feet	10,001 to 100,000 Square Feet	Over 100,000 Square Feet	1,001 to 10,000 Square Feet	10,001 to 100,000 Square Feet	Over 100,000 Square Feet	1,001 to 10,000 Square Feet	10,001 to 100,000 Square Feet	Over 100,000 Square Feet
<b>All Buildings .....</b>	467	882	688	7,144	21,928	19,401	65.4	40.2	35.5
<b>Principal Building Activity</b>									
Education .....	Q	137	101	419	3,629	2,997	53.9	37.6	33.7
Food Sales .....	16	Q	Q	339	Q	Q	46.6	Q	Q
Food Service .....	149	48	N	774	622	N	192.5	77.2	N
Health Care .....	12	37	187	233	520	1,792	49.5	70.8	104.4
Inpatient .....	N	Q	181	N	Q	1,662	N	Q	109.0
Outpatient .....	12	20	Q	233	377	Q	49.5	52.3	Q
Lodging .....	Q	83	113	Q	1,750	2,374	Q	47.6	47.4
Mercantile .....	60	134	61	1,094	3,572	3,205	55.2	37.6	19.1
Retail (Other Than Mall) .....	38	39	12	726	1,406	734	52.7	27.7	15.7
Enclosed and Strip Malls .....	22	95	50	367	2,167	2,471	60.0	44.0	20.1
Office .....	59	115	87	1,400	3,138	3,670	42.4	36.7	23.7
Public Assembly .....	19	54	26	464	1,259	1,000	41.5	42.9	Q
Public Order and Safety .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Religious Worship .....	28	49	Q	663	1,785	Q	42.7	27.7	Q
Service .....	55	71	Q	783	1,394	Q	69.8	50.7	Q
Warehouse and Storage .....	18	66	45	522	2,538	2,434	34.2	26.0	18.4
Other .....	Q	42	38	Q	458	681	Q	91.1	Q
Vacant .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Year Constructed</b>									
Before 1920 .....	32	76	31	575	1,541	658	56.3	49.2	47.1
1920 to 1945 .....	61	93	71	993	2,007	1,776	61.9	46.2	39.9
1946 to 1959 .....	49	97	70	830	2,471	1,556	59.0	39.4	44.9
1960 to 1969 .....	48	137	82	891	3,200	2,049	53.6	43.0	40.2
1970 to 1979 .....	91	144	154	1,342	3,624	3,829	67.7	39.8	40.4
1980 to 1989 .....	65	139	124	970	3,203	3,654	67.3	43.3	34.0
1990 to 1999 .....	100	140	94	1,251	4,198	3,756	80.1	33.4	25.0
2000 to 2003 .....	20	55	61	291	1,684	2,124	69.3	32.6	28.8
<b>Census Region and Division</b>									
Northeast .....	89	172	188	1,208	4,183	4,771	73.4	41.1	39.3
New England .....	Q	33	Q	Q	910	Q	Q	36.5	Q
Middle Atlantic .....	74	139	151	945	3,273	4,083	78.5	42.4	36.9
Midwest .....	155	353	220	2,151	7,072	4,922	72.1	49.9	44.7
East North Central .....	118	256	176	1,484	5,038	3,834	79.2	50.8	46.0
West North Central .....	37	97	44	666	2,034	1,088	56.3	47.7	40.0
South .....	137	201	173	2,351	6,615	6,294	58.3	30.4	27.4
South Atlantic .....	63	86	89	1,022	2,907	3,357	61.5	29.7	26.6
East South Central .....	20	56	28	449	1,537	534	44.5	36.5	52.4
West South Central .....	54	59	55	880	2,171	2,403	61.7	27.1	23.0
West .....	86	155	108	1,435	4,057	3,415	60.2	38.3	31.6
Mountain .....	36	85	63	558	1,563	1,143	65.5	54.7	54.9
Pacific .....	50	70	45	877	2,495	2,272	56.8	28.0	19.9
<b>Climate Zone: 30-Year Average</b>									
Under 2,000 CDD and --									
More than 7,000 HDD .....	107	223	124	1,332	4,387	2,766	80.0	50.9	44.9
5,500-7,000 HDD .....	141	313	261	2,045	6,677	5,399	68.9	46.8	48.3
4,000-5,499 HDD .....	68	157	132	1,066	3,615	4,290	63.5	43.5	30.7
Fewer than 4,000 HDD .....	119	139	120	2,075	5,400	4,321	57.4	25.7	27.7
2,000 CDD or More and --									
Fewer than 4,000 HDD .....	33	50	51	625	1,848	2,625	52.4	27.0	19.6

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**Table C31A. Natural Gas Consumption and Conditional Energy Intensity by Building Size for All Buildings, 2003**

	Total Natural Gas Consumption (billion cubic feet)			Total Floorspace of Buildings Using Natural Gas (million square feet)			Natural Gas Energy Intensity (cubic feet/square foot)		
	1,001 to 10,000 Square Feet	10,001 to 100,000 Square Feet	Over 100,000 Square Feet	1,001 to 10,000 Square Feet	10,001 to 100,000 Square Feet	Over 100,000 Square Feet	1,001 to 10,000 Square Feet	10,001 to 100,000 Square Feet	Over 100,000 Square Feet
<b>All Buildings</b> .....	467	882	688	7,144	21,928	19,401	65.4	40.2	35.5
<b>Number of Establishments</b>									
One .....	384	604	430	5,549	14,298	10,672	69.2	42.2	40.3
2 to 5 .....	71	168	109	1,349	4,576	2,790	52.6	36.7	39.2
6 to 10 .....	Q	60	23	Q	1,411	836	Q	42.9	27.9
11 to 20 .....	N	32	35	N	972	1,251	N	33.2	27.9
More than 20 .....	Q	Q	82	Q	Q	3,416	Q	Q	23.9
Currently Unoccupied .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Energy Sources (more than one may apply)</b>									
Electricity .....	467	882	688	7,142	21,928	19,396	65.4	40.2	35.5
Natural Gas .....	467	882	688	7,144	21,928	19,401	65.4	40.2	35.5
Fuel Oil .....	Q	102	394	Q	2,243	8,778	Q	45.6	44.9
District Heat .....	Q	Q	41	Q	Q	2,088	Q	Q	19.4
<b>Energy End Uses (more than one may apply)</b>									
Buildings with Space Heating .....	452	876	686	6,984	21,670	19,150	64.7	40.4	35.8
Buildings with Cooling .....	421	838	668	6,439	20,485	18,932	65.4	40.9	35.3
Buildings with Water Heating .....	443	849	682	6,315	20,557	19,013	70.2	41.3	35.9
<b>Annual Consumption (hundred cubic feet)</b>									
1,000 or Less .....	33	3	Q	2,102	1,299	997	15.7	2.1	0.2
1,001 to 5,000 .....	178	78	2	3,754	5,464	1,166	47.3	14.3	1.3
5,001 to 10,000 .....	115	146	5	783	4,848	1,317	146.5	30.1	3.7
10,001 to 25,000 .....	97	275	18	407	5,980	2,217	237.4	46.0	8.3
25,001 to 50,000 .....	Q	217	62	Q	3,180	3,522	Q	68.3	17.5
50,001 to 100,000 .....	N	118	117	N	962	3,753	N	122.4	31.1
Over 100,000 .....	N	Q	485	N	Q	6,429	N	Q	75.4

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 natural gas.

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.

**Table C32A. Natural Gas Consumption and Conditional Energy Intensity by Year Constructed for All Buildings, 2003**

	Total Natural Gas Consumption (billion cubic feet)			Total Floorspace of Buildings Using Natural Gas (million square feet)			Natural Gas Energy Intensity (cubic feet/square foot)		
	1959 or Before	1960 to 1989	1990 to 2003	1959 or Before	1960 to 1989	1990 to 2003	1959 or Before	1960 to 1989	1990 to 2003
<b>All Buildings</b> .....	580	986	471	12,407	22,762	13,304	46.8	43.3	35.4
<b>Building Floorspace (Square Feet)</b>									
1,001 to 5,000 .....	86	103	61	1,245	1,271	659	69.0	81.0	92.1
5,001 to 10,000 .....	57	101	60	1,154	1,932	883	49.4	52.3	67.6
10,001 to 25,000 .....	105	174	65	2,452	3,390	1,982	42.6	51.2	32.7
25,001 to 50,000 .....	92	117	62	1,895	3,008	1,702	48.4	38.7	36.3
50,001 to 100,000 .....	70	131	69	1,672	3,629	2,198	41.6	36.0	31.2
100,001 to 200,000 .....	64	137	66	1,538	3,363	2,644	41.8	40.7	24.8
200,001 to 500,000 .....	45	108	51	1,520	2,874	1,499	29.9	37.5	34.2
Over 500,000 .....	62	117	38	933	3,294	1,737	66.4	35.4	22.0
<b>Principal Building Activity</b>									
Education .....	109	110	41	2,581	2,816	1,648	42.3	39.2	24.6
Food Sales .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Food Service .....	47	72	78	491	422	482	95.8	169.4	162.6
Health Care .....	66	131	39	633	1,410	501	104.1	92.6	77.5
Inpatient .....	58	112	28	444	1,141	220	130.2	98.3	128.2
Outpatient .....	Q	18	11	Q	269	282	Q	68.4	37.9
Lodging .....	38	129	41	Q	2,123	1,154	Q	61.0	35.7
Mercantile .....	43	142	71	984	4,028	2,859	43.6	35.3	24.7
Retail (Other Than Mall) .....	34	27	27	675	1,028	1,162	50.5	26.7	23.4
Enclosed and Strip Malls .....	Q	115	43	Q	2,999	1,696	Q	38.3	25.6
Office .....	91	129	42	2,109	4,459	1,640	43.0	29.0	25.3
Public Assembly .....	30	43	26	1,047	965	711	Q	45.0	36.4
Public Order and Safety .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Religious Worship .....	37	29	14	1,086	943	600	33.7	31.2	22.7
Service .....	35	64	37	608	1,278	610	57.0	49.9	59.8
Warehouse and Storage .....	35	64	29	1,039	2,667	1,788	33.8	24.0	16.4
Other .....	Q	Q	29	Q	408	521	Q	75.7	Q
Vacant .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Census Region and Division</b>									
Northeast .....	189	175	84	4,337	3,967	1,858	43.6	44.0	45.5
New England .....	33	31	Q	747	657	Q	44.4	47.1	Q
Middle Atlantic .....	156	144	64	3,590	3,309	1,402	43.4	43.4	45.7
Midwest .....	247	344	137	4,266	6,643	3,235	58.0	51.8	42.3
East North Central .....	182	272	95	3,204	4,911	2,242	56.9	55.4	42.6
West North Central .....	65	72	41	1,063	1,733	993	61.3	41.4	41.6
South .....	88	246	177	2,198	7,353	5,709	40.2	33.4	30.9
South Atlantic .....	Q	94	96	1,012	2,920	3,353	47.9	32.3	28.5
East South Central .....	12	67	25	409	1,256	856	29.4	53.3	29.3
West South Central .....	28	85	56	777	3,177	1,499	36.0	26.6	37.2
West .....	55	222	73	1,606	4,799	2,502	34.4	46.2	29.1
Mountain .....	22	131	31	395	1,923	946	56.4	68.4	32.7
Pacific .....	33	90	42	1,211	2,876	1,557	27.3	31.3	26.9
<b>Climate Zone: 30-Year Average</b>									
Under 2,000 CDD and --									
More than 7,000 HDD .....	142	219	92	2,256	3,802	2,428	63.1	57.7	38.1
5,500-7,000 HDD .....	217	370	127	4,287	6,761	3,075	50.7	54.8	41.4
4,000-5,499 HDD .....	132	144	81	3,245	3,794	1,932	40.7	37.8	41.9
Fewer than 4,000 HDD .....	71	186	121	2,044	5,751	4,002	34.9	32.3	30.2
2,000 CDD or More and --									
Fewer than 4,000 HDD .....	17	67	49	576	2,654	1,868	30.3	25.4	26.4

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**Table C32A. Natural Gas Consumption and Conditional Energy Intensity by Year Constructed for All Buildings, 2003**

	Total Natural Gas Consumption (billion cubic feet)			Total Floorspace of Buildings Using Natural Gas (million square feet)			Natural Gas Energy Intensity (cubic feet/square foot)		
	1959 or Before	1960 to 1989	1990 to 2003	1959 or Before	1960 to 1989	1990 to 2003	1959 or Before	1960 to 1989	1990 to 2003
<b>All Buildings</b> .....	580	986	471	12,407	22,762	13,304	46.8	43.3	35.4
<b>Number of Establishments</b>									
One .....	421	670	327	8,689	13,334	8,496	48.4	50.3	38.5
2 to 5 .....	102	158	88	2,291	4,006	2,419	44.6	39.5	36.3
6 to 10 .....	17	52	24	417	1,255	726	40.4	41.4	32.6
11 to 20 .....	Q	44	15	Q	1,221	609	Q	35.9	23.9
More than 20 .....	Q	49	Q	Q	2,399	Q	Q	20.6	Q
Currently Unoccupied .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Energy Sources (more than one may apply)</b>									
Electricity .....	580	986	471	12,400	22,762	13,304	46.8	43.3	35.4
Natural Gas .....	580	986	471	12,407	22,762	13,304	46.8	43.3	35.4
Fuel Oil .....	139	260	108	3,178	5,413	2,705	43.8	48.0	39.9
District Heat .....	Q	25	Q	667	1,135	Q	Q	22.3	Q
<b>Energy End Uses (more than one may apply)</b>									
Buildings with Space Heating .....	576	976	463	12,297	22,465	13,041	46.8	43.4	35.5
Buildings with Cooling .....	512	954	462	10,974	21,921	12,962	46.6	43.5	35.6
Buildings with Water Heating .....	554	960	460	11,329	21,766	12,791	48.9	44.1	35.9
<b>Annual Consumption (hundred cubic feet)</b>									
1,000 or Less .....	14	15	7	1,638	1,684	1,077	8.6	8.9	6.4
1,001 to 5,000 .....	93	107	57	2,931	4,690	2,763	31.6	22.9	20.7
5,001 to 10,000 .....	76	116	73	1,511	3,224	2,213	50.0	36.1	33.2
10,001 to 25,000 .....	119	185	86	2,352	3,733	2,520	50.4	49.7	34.2
25,001 to 50,000 .....	76	157	91	1,530	3,121	2,149	49.8	50.2	42.4
50,001 to 100,000 .....	53	134	47	824	2,876	1,015	64.3	46.6	46.6
Over 100,000 .....	150	271	109	1,622	3,434	1,567	92.6	78.8	69.3

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 natural gas.

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.



**Table C33A. Total Fuel Oil Consumption and Expenditures for All Buildings, 2003**

	All Buildings Using Fuel Oil			Fuel Oil Consumption		Fuel Oil Expenditures
	Number of Buildings (thousand)	Floorspace (million square feet)	Floorspace per Building (thousand square feet)	Total (trillion Btu)	Total (million gallons)	Total (million dollars)
<b>All Buildings</b> .....	465	16,265	35	228	1,644	1,826
<b>Building Floorspace (Square Feet)</b>						
1,001 to 5,000 .....	211	606	3	34	249	292
5,001 to 10,000 .....	102	736	7	36	262	307
10,001 to 25,000 .....	66	1,043	16	28	201	238
25,001 to 50,000 .....	24	895	38	17	124	134
50,001 to 100,000 .....	25	1,852	76	29	209	229
100,001 to 200,000 .....	21	3,004	140	37	270	279
200,001 to 500,000 .....	12	3,425	294	36	258	272
Over 500,000 .....	5	4,705	933	10	72	74
<b>Principal Building Activity</b>						
Education .....	26	1,864	70	47	342	362
Food Sales .....	Q	Q	Q	Q	Q	Q
Food Service .....	Q	Q	Q	Q	Q	Q
Health Care .....	13	1,882	143	11	76	79
Inpatient .....	7	1,683	240	9	65	67
Outpatient .....	Q	Q	Q	Q	Q	Q
Lodging .....	28	2,193	78	35	255	272
Mercantile .....	51	1,610	31	21	155	167
Retail (Other Than Mall) .....	37	501	14	Q	Q	117
Enclosed and Strip Malls .....	Q	Q	Q	Q	Q	Q
Office .....	65	4,075	62	18	126	149
Public Assembly .....	42	939	23	29	208	230
Public Order and Safety .....	23	620	27	8	57	Q
Religious Worship .....	38	453	12	18	130	Q
Service .....	93	626	7	Q	Q	Q
Warehouse and Storage .....	37	1,268	34	9	66	74
Other .....	Q	Q	Q	Q	Q	Q
Vacant .....	Q	Q	Q	Q	Q	Q
<b>Year Constructed</b>						
Before 1920 .....	75	961	13	38	273	304
1920 to 1945 .....	53	2,022	38	55	396	425
1946 to 1959 .....	78	2,106	27	48	347	392
1960 to 1969 .....	63	1,751	28	Q	Q	Q
1970 to 1979 .....	61	2,389	39	23	164	185
1980 to 1989 .....	67	3,433	51	12	87	103
1990 to 1999 .....	50	2,290	45	9	65	72
2000 to 2003 .....	18	1,313	74	Q	Q	Q
<b>Census Region and Division</b>						
Northeast .....	259	6,464	25	181	1,302	1,437
New England .....	124	1,781	14	74	531	592
Middle Atlantic .....	135	4,682	35	107	771	845
Midwest .....	76	2,909	38	24	172	178
East North Central .....	35	1,871	53	Q	Q	Q
West North Central .....	41	1,037	25	Q	Q	Q
South .....	93	4,663	50	15	107	130
South Atlantic .....	63	2,961	47	13	96	116
East South Central .....	15	341	23	1	7	Q
West South Central .....	15	1,361	94	1	5	6
West .....	37	2,230	60	9	64	82
Mountain .....	11	655	Q	Q	Q	Q
Pacific .....	27	1,575	59	4	29	Q

**Table C33A. Total Fuel Oil Consumption and Expenditures for All Buildings, 2003**

	All Buildings Using Fuel Oil			Fuel Oil Consumption		Fuel Oil Expenditures
	Number of Buildings (thousand)	Floorspace (million square feet)	Floorspace per Building (thousand square feet)	Total (trillion Btu)	Total (million gallons)	Total (million dollars)
<b>All Buildings</b> .....	465	16,265	35	228	1,644	1,826
<b>Climate Zone: 30-Year Average</b>						
Under 2,000 CDD and --						
More than 7,000 HDD .....	145	2,624	18	63	452	472
5,500-7,000 HDD .....	150	4,285	28	67	485	565
4,000-5,499 HDD .....	103	4,950	48	91	655	723
Fewer than 4,000 HDD .....	53	2,528	48	6	44	57
2,000 CDD or More and --						
Fewer than 4,000 HDD .....	13	1,878	140	1	7	8
<b>Number of Establishments</b>						
One .....	373	9,213	25	183	1,318	1,466
2 to 5 .....	71	2,801	39	31	221	251
6 to 10 .....	12	649	55	7	48	Q
11 to 20 .....	5	1,184	257	Q	Q	Q
More than 20 .....	4	2,342	570	Q	Q	Q
Currently Unoccupied .....	Q	Q	Q	Q	Q	Q
<b>Energy Sources (more than one may apply)</b>						
Electricity .....	463	16,250	35	228	1,642	1,824
Natural Gas .....	143	11,296	79	101	727	794
Fuel Oil .....	465	16,265	35	228	1,644	1,826
District Heat .....	5	1,864	403	1	10	10
<b>Energy End Uses (more than one may apply)</b>						
Buildings with Space Heating .....	458	16,050	35	225	1,619	1,794
Buildings with Cooling .....	313	14,987	48	181	1,303	1,430
Buildings with Water Heating .....	391	15,668	40	218	1,575	1,732
<b>Annual Consumption (gallons)</b>						
1,000 or Less .....	263	9,047	34	14	98	129
1,001 to 5,000 .....	142	3,083	22	45	323	399
5,001 to 10,000 .....	31	938	30	29	210	249
10,001 to 25,000 .....	15	991	66	31	221	235
Over 25,000 .....	14	2,206	153	110	792	814

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 fuel oil.

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.

**Table C34A. Fuel Oil Consumption and Expenditure Intensities for All Buildings, 2003**

	Fuel Oil Consumption		Fuel Oil Expenditures		
	per Building (gallons)	per Square Foot (gallons)	per Building (thousand dollars)	per Square Foot (dollars)	per Gallon (dollars)
<b>All Buildings</b> .....	3,533	0.10	3.9	0.11	1.11
<b>Building Floorspace (Square Feet)</b>					
1,001 to 5,000 .....	1,177	0.41	1.4	0.48	1.18
5,001 to 10,000 .....	2,573	0.36	3.0	0.42	1.17
10,001 to 25,000 .....	3,045	0.19	3.6	0.23	1.18
25,001 to 50,000 .....	5,184	0.14	5.6	0.15	1.09
50,001 to 100,000 .....	8,508	0.11	9.3	0.12	1.10
100,001 to 200,000 .....	12,639	0.09	13.1	0.09	1.03
200,001 to 500,000 .....	22,181	0.08	23.4	0.08	1.05
Over 500,000 .....	14,248	0.02	14.7	0.02	1.03
<b>Principal Building Activity</b>					
Education .....	12,911	0.18	13.7	0.19	1.06
Food Sales .....	Q	Q	Q	Q	Q
Food Service .....	Q	Q	Q	Q	Q
Health Care .....	5,755	0.04	6.0	0.04	1.05
Inpatient .....	9,252	0.04	9.6	0.04	1.04
Outpatient .....	Q	Q	Q	Q	Q
Lodging .....	9,024	0.12	9.6	0.12	1.07
Mercantile .....	3,013	Q	3.3	0.10	1.08
Retail (Other Than Mall) .....	3,084	Q	3.2	Q	1.04
Enclosed and Strip Malls .....	Q	Q	Q	Q	Q
Office .....	1,932	0.03	2.3	0.04	1.18
Public Assembly .....	4,990	0.22	5.5	0.24	1.10
Public Order and Safety .....	2,489	Q	Q	Q	Q
Religious Worship .....	3,431	0.29	Q	Q	Q
Service .....	Q	Q	1.8	0.27	1.17
Warehouse and Storage .....	1,779	0.05	2.0	0.06	1.12
Other .....	Q	Q	Q	Q	Q
Vacant .....	Q	Q	Q	Q	Q
<b>Year Constructed</b>					
Before 1920 .....	3,647	0.28	4.1	0.32	1.11
1920 to 1945 .....	7,425	0.20	8.0	0.21	1.07
1946 to 1959 .....	4,452	0.16	5.0	0.19	1.13
1960 to 1969 .....	4,345	0.16	4.8	0.17	1.10
1970 to 1979 .....	2,680	0.07	3.0	0.08	1.13
1980 to 1989 .....	1,299	0.03	1.5	0.03	1.19
1990 to 1999 .....	1,293	0.03	1.4	0.03	1.11
2000 to 2003 .....	2,128	Q	2.4	Q	1.14
<b>Census Region and Division</b>					
Northeast .....	5,021	0.20	5.5	0.22	1.10
New England .....	4,288	0.30	4.8	0.33	1.11
Middle Atlantic .....	5,691	0.16	6.2	0.18	1.10
Midwest .....	2,248	0.06	2.3	0.06	1.04
East North Central .....	Q	Q	1.9	0.03	0.92
West North Central .....	2,437	0.10	2.7	Q	1.12
South .....	1,155	0.02	1.4	0.03	1.21
South Atlantic .....	1,506	0.03	1.8	0.04	1.21
East South Central .....	449	0.02	Q	Q	Q
West South Central .....	336	0.00	0.4	0.00	1.27
West .....	1,714	Q	Q	Q	1.28
Mountain .....	Q	Q	Q	Q	1.32
Pacific .....	Q	0.02	Q	Q	1.25

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**Table C34A. Fuel Oil Consumption and Expenditure Intensities for All Buildings, 2003**

	Fuel Oil Consumption		Fuel Oil Expenditures		
	per Building (gallons)	per Square Foot (gallons)	per Building (thousand dollars)	per Square Foot (dollars)	per Gallon (dollars)
<b>All Buildings</b> .....	3,533	0.10	3.9	0.11	1.11
<b>Climate Zone: 30-Year Average</b>					
Under 2,000 CDD and --					
More than 7,000 HDD .....	3,113	0.17	3.3	0.18	1.04
5,500-7,000 HDD .....	3,226	0.11	3.8	0.13	1.16
4,000-5,499 HDD .....	6,338	0.13	7.0	0.15	1.10
Fewer than 4,000 HDD .....	841	0.02	1.1	0.02	1.28
2,000 CDD or More and --					
Fewer than 4,000 HDD .....	500	0.00	0.6	0.00	1.27
<b>Number of Establishments</b>					
One .....	3,537	0.14	3.9	0.16	1.11
2 to 5 .....	3,106	0.08	3.5	0.09	1.14
6 to 10 .....	4,079	0.07	4.3	0.08	1.04
11 to 20 .....	Q	0.02	5.5	0.02	1.01
More than 20 .....	Q	Q	Q	Q	1.09
Currently Unoccupied .....	Q	Q	Q	Q	Q
<b>Energy Sources (more than one may apply)</b>					
Electricity .....	3,546	0.10	3.9	0.11	1.11
Natural Gas .....	5,091	0.06	5.6	0.07	1.09
Fuel Oil .....	3,533	0.10	3.9	0.11	1.11
District Heat .....	2,124	0.01	2.2	0.01	1.03
<b>Energy End Uses (more than one may apply)</b>					
Buildings with Space Heating .....	3,536	0.10	3.9	0.11	1.11
Buildings with Cooling .....	4,164	0.09	4.6	0.10	1.10
Buildings with Water Heating .....	4,028	0.10	4.4	0.11	1.10
<b>Annual Consumption (gallons)</b>					
1,000 or Less .....	372	0.01	0.5	0.01	1.32
1,001 to 5,000 .....	2,267	0.10	2.8	0.13	1.24
5,001 to 10,000 .....	6,745	0.22	8.0	0.27	1.19
10,001 to 25,000 .....	14,804	0.22	15.7	0.24	1.06
Over 25,000 .....	55,107	0.36	56.6	0.37	1.03

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/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 fuel oil.

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.

**Table C35A. Fuel Oil Consumption and Conditional Energy Intensity by Census Region for All Buildings, 2003**

	Total Fuel Oil Consumption (million gallons)				Total Floorspace of Buildings Using Fuel Oil (million square feet)				Fuel Oil Energy Intensity (gallons/square foot)			
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West
<b>All Buildings</b> .....	1,302	172	107	64	6,464	2,909	4,663	2,230	0.20	0.06	0.02	Q
<b>Building Floorspace (Square Feet)</b>												
1,001 to 10,000 .....	381	Q	Q	Q	763	Q	274	Q	0.50	Q	0.10	Q
10,001 to 100,000 .....	404	63	Q	Q	1,806	648	985	351	0.22	0.10	Q	Q
Over 100,000 .....	517	21	45	Q	3,894	2,055	3,404	1,780	0.13	0.01	0.01	Q
<b>Principal Building Activity</b>												
Education .....	282	Q	Q	Q	933	Q	Q	Q	0.30	Q	Q	Q
Health Care .....	Q	Q	17	7	Q	492	786	262	Q	Q	0.02	0.03
Office .....	105	6	14	1	1,379	714	1,235	748	0.08	0.01	0.01	0.00
All Others .....	873	Q	47	40	3,810	1,358	2,186	1,091	0.23	Q	0.02	Q
<b>Year Constructed</b>												
1945 or Before .....	562	Q	Q	Q	2,162	Q	Q	Q	0.26	Q	Q	Q
1946 to 1959 .....	277	Q	Q	Q	1,273	343	Q	Q	0.22	Q	Q	Q
1960 to 1969 .....	Q	Q	Q	Q	605	398	483	Q	0.34	Q	Q	Q
1970 to 1979 .....	123	Q	25	Q	645	604	817	Q	0.19	Q	0.03	Q
1980 to 1989 .....	65	Q	Q	5	750	Q	1,231	1,004	0.09	Q	Q	0.01
1990 to 2003 .....	Q	18	Q	6	1,029	806	1,377	391	0.07	0.02	Q	Q
<b>Climate Zone: 30-Year Average</b>												
Under 2,000 CDD and --												
More than 7,000 HDD .....	295	Q	N	Q	1,027	1,205	N	392	0.29	0.12	N	Q
5,500-7,000 HDD .....	428	20	N	Q	2,411	1,491	N	Q	0.18	0.01	N	Q
4,000-5,499 HDD .....	Q	Q	Q	Q	3,025	Q	1,551	Q	0.19	Q	Q	Q
Fewer than 4,000 HDD .....	N	N	31	Q	N	N	1,423	1,105	N	N	0.02	Q
2,000 CDD or More and --												
Fewer than 4,000 HDD .....	N	N	6	Q	N	N	1,689	Q	N	N	0.00	Q
<b>Number of Establishments</b>												
One .....	1,041	Q	76	Q	3,679	1,652	2,654	1,227	0.28	0.09	0.03	Q
2 to 5 .....	170	Q	24	Q	1,173	655	700	Q	0.15	Q	0.03	Q
6 to 10 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
11 to 20 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
More than 20 .....	Q	Q	Q	Q	Q	Q	826	Q	Q	Q	Q	Q
Currently Unoccupied .....	Q	N	N	N	Q	N	N	N	Q	N	N	N
<b>Energy Sources (more than one may apply)</b>												
Electricity .....	1,302	170	107	64	6,464	2,894	4,663	2,230	0.20	0.06	0.02	0.03
Natural Gas .....	640	28	50	Q	4,049	2,200	3,356	1,691	0.16	0.01	0.01	Q
Fuel Oil .....	1,302	172	107	64	6,464	2,909	4,663	2,230	0.20	0.06	0.02	Q
District Heat .....	Q	Q	2	Q	864	314	476	Q	Q	Q	Q	Q
<b>Energy End Uses (more than one may apply)</b>												
Buildings with Space Heating .....	1,290	172	104	Q	6,414	2,909	4,575	2,152	0.20	0.06	0.02	Q
Buildings with Cooling .....	1,036	128	105	35	5,473	2,746	4,634	2,134	0.19	0.05	0.02	0.02
Buildings with Water Heating .....	1,265	Q	101	49	6,142	2,776	4,571	2,179	0.21	0.06	0.02	0.02

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**Table C35A. Fuel Oil Consumption and Conditional Energy Intensity by Census Region for All Buildings, 2003**

	Total Fuel Oil Consumption (million gallons)				Total Floorspace of Buildings Using Fuel Oil (million square feet)				Fuel Oil Energy Intensity (gallons/square foot)			
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West
<b>All Buildings</b> .....	1,302	172	107	64	6,464	2,909	4,663	2,230	0.20	0.06	0.02	Q
<b>Annual Consumption (gallons)</b>												
1,000 or Less .....	57	15	19	7	2,271	1,960	3,219	1,598	0.02	0.01	0.01	0.00
1,001 to 5,000 .....	254	Q	Q	Q	1,367	480	772	Q	0.19	0.07	Q	Q
5,001 to 10,000 .....	161	Q	Q	Q	449	Q	Q	Q	0.36	Q	Q	Q
10,001 to 25,000 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Over 25,000 .....	717	Q	Q	Q	1,811	Q	Q	Q	0.40	Q	Q	Q

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 fuel oil.

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.

**Table C36A. Fuel Oil Expenditures by Census Region for All Buildings, 2003**

	Total Fuel Oil Expenditures (million dollars)				Fuel Oil Expenditures (dollars)							
					per Gallon				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> .....	1,437	178	130	82	1.10	1.04	1.21	1.28	0.22	0.06	0.03	Q
<b>Building Floorspace (Square Feet)</b>												
1,001 to 10,000 .....	460	Q	Q	Q	1.21	Q	Q	Q	0.60	Q	Q	Q
10,001 to 100,000 .....	444	70	Q	Q	1.10	1.12	1.29	1.31	0.25	0.11	Q	Q
Over 100,000 .....	533	22	48	Q	1.03	1.06	1.08	1.26	0.14	0.01	0.01	Q
<b>Principal Building Activity</b>												
Education .....	293	Q	Q	Q	1.04	Q	Q	Q	0.31	Q	Q	Q
Health Care.....	Q	Q	19	8	Q	1.06	1.08	1.16	Q	Q	0.02	0.03
Office .....	122	8	18	Q	1.16	1.32	1.26	1.44	0.09	0.01	0.01	0.00
All Others .....	980	Q	64	50	1.12	1.02	1.34	1.26	0.26	0.10	0.03	Q
<b>Year Constructed</b>												
1945 or Before .....	620	Q	Q	Q	1.10	Q	Q	Q	0.29	Q	Q	Q
1946 to 1959 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
1960 to 1969 .....	Q	Q	Q	Q	1.06	Q	Q	Q	0.36	Q	Q	Q
1970 to 1979 .....	135	Q	31	Q	1.10	1.19	1.23	Q	0.21	Q	0.04	Q
1980 to 1989 .....	77	Q	Q	7	1.19	Q	1.16	1.23	0.10	Q	Q	0.01
1990 to 2003 .....	Q	21	Q	Q	1.09	1.16	1.19	Q	0.07	0.03	Q	Q
<b>Climate Zone: 30-Year Average</b>												
Under 2,000 CDD and --												
More than 7,000 HDD .....	312	Q	N	Q	1.06	1.00	N	1.23	0.30	0.12	N	Q
5,500-7,000 HDD .....	493	25	N	Q	1.15	1.23	N	Q	0.20	0.02	N	Q
4,000-5,499 HDD .....	Q	Q	Q	Q	1.09	Q	1.19	Q	0.21	Q	Q	Q
Fewer than 4,000 HDD .....	N	N	39	Q	N	N	1.24	1.38	N	N	0.03	Q
2,000 CDD or More and --												
Fewer than 4,000 HDD .....	N	N	8	Q	N	N	1.27	Q	N	N	0.00	Q
<b>Number of Establishments</b>												
One .....	1,152	160	96	Q	1.11	1.03	1.25	1.30	0.31	0.10	0.04	Q
2 to 5 .....	193	Q	26	Q	1.13	1.07	1.10	Q	0.16	Q	0.04	Q
6 to 10 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
11 to 20 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
More than 20 .....	Q	Q	Q	Q	Q	Q	1.28	Q	Q	Q	Q	Q
Currently Unoccupied .....	Q	N	N	N	Q	N	N	N	Q	N	N	N
<b>Energy Sources (more than one may apply)</b>												
Electricity .....	1,437	176	130	82	1.10	1.03	1.21	1.28	0.22	0.06	0.03	0.04
Natural Gas .....	694	31	57	Q	1.09	1.12	1.14	1.18	0.17	0.01	0.02	Q
Fuel Oil .....	1,437	178	130	82	1.10	1.04	1.21	1.28	0.22	0.06	0.03	Q
District Heat .....	Q	Q	2	Q	Q	Q	1.23	Q	Q	Q	0.01	Q
<b>Energy End Uses (more than one may apply)</b>												
Buildings with Space Heating .....	1,422	178	126	Q	1.10	1.04	1.21	1.27	0.22	0.06	0.03	Q
Buildings with Cooling .....	1,133	127	127	43	1.09	0.99	1.21	1.23	0.21	0.05	0.03	0.02
Buildings with Water Heating .....	1,388	164	119	61	1.10	1.02	1.18	1.25	0.23	0.06	0.03	0.03

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**Table C36A. Fuel Oil Expenditures by Census Region for All Buildings, 2003**

	Total Fuel Oil Expenditures (million dollars)				Fuel Oil Expenditures (dollars)							
					per Gallon				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> .....	1,437	178	130	82	1.10	1.04	1.21	1.28	0.22	0.06	0.03	Q
<b>Annual Consumption (gallons)</b>												
1,000 or Less .....	73	19	27	10	1.29	1.28	1.44	1.31	0.03	0.01	0.01	0.01
1,001 to 5,000 .....	316	Q	Q	Q	1.24	1.18	1.24	Q	0.23	Q	Q	Q
5,001 to 10,000 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
10,001 to 25,000 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Over 25,000 .....	730	Q	Q	Q	1.02	Q	Q	Q	0.40	Q	Q	Q

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 fuel oil.

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.



**Table C37A. Total District Heat Consumption and Expenditures for All Buildings, 2003**

	All Buildings Using District Heat			District Heat Consumption	District Heat Expenditures
	Number of Buildings (thousand)	Floorspace (million square feet)	Floorspace per Building (thousand square feet)	Total (trillion Btu)	Total (million dollars)
<b>All Buildings</b> .....	67	5,576	83	636	7,279
<b>Building Floorspace (Square Feet)</b>					
1,001 to 5,000 .....	Q	Q	Q	Q	Q
5,001 to 10,000 .....	Q	Q	Q	Q	Q
10,001 to 25,000 .....	18	289	16	Q	Q
25,001 to 50,000 .....	10	369	35	Q	Q
50,001 to 100,000 .....	8	574	70	Q	Q
100,001 to 200,000 .....	9	1,399	148	165	Q
200,001 to 500,000 .....	4	1,018	286	123	Q
Over 500,000 .....	2	1,826	827	171	1,843
<b>Principal Building Activity</b>					
Education .....	26	1,145	45	134	Q
Food Sales .....	N	N	N	N	N
Food Service .....	Q	Q	Q	Q	Q
Health Care .....	2	493	Q	Q	Q
Inpatient .....	1	436	563	Q	Q
Outpatient .....	Q	Q	Q	Q	Q
Lodging .....	6	345	Q	Q	Q
Mercantile .....	Q	Q	Q	Q	Q
Retail (Other Than Mall) .....	Q	Q	Q	Q	Q
Enclosed and Strip Malls .....	Q	Q	Q	Q	Q
Office .....	16	1,569	97	128	1,441
Public Assembly .....	6	547	89	Q	Q
Public Order and Safety .....	Q	Q	Q	Q	Q
Religious Worship .....	Q	Q	Q	Q	Q
Service .....	Q	Q	Q	Q	Q
Warehouse and Storage .....	Q	Q	Q	Q	Q
Other .....	Q	Q	Q	Q	Q
Vacant .....	Q	Q	Q	Q	Q
<b>Year Constructed</b>					
Before 1920 .....	6	294	46	Q	Q
1920 to 1945 .....	12	1,207	99	129	1,423
1946 to 1959 .....	15	705	49	Q	Q
1960 to 1969 .....	13	853	64	117	Q
1970 to 1979 .....	6	588	101	77	Q
1980 to 1989 .....	5	888	192	Q	Q
1990 to 1999 .....	8	705	87	Q	Q
2000 to 2003 .....	Q	Q	Q	Q	Q
<b>Census Region and Division</b>					
Northeast .....	18	1,496	85	166	2,169
New England .....	Q	Q	Q	Q	Q
Middle Atlantic .....	12	1,082	90	Q	Q
Midwest .....	13	1,648	126	225	2,329
East North Central .....	8	1,420	189	192	Q
West North Central .....	Q	Q	Q	Q	Q
South .....	21	1,766	83	182	Q
South Atlantic .....	15	1,243	86	117	Q
East South Central .....	Q	Q	Q	Q	Q
West South Central .....	Q	Q	Q	Q	Q
West .....	15	667	44	Q	Q
Mountain .....	7	253	35	Q	Q
Pacific .....	8	413	53	Q	Q

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**Table C37A. Total District Heat Consumption and Expenditures for All Buildings, 2003**

	All Buildings Using District Heat			District Heat Consumption	District Heat Expenditures
	Number of Buildings (thousand)	Floorspace (million square feet)	Floorspace per Building (thousand square feet)	Total (trillion Btu)	Total (million dollars)
<b>All Buildings</b> .....	67	5,576	83	636	7,279
<b>Climate Zone: 30-Year Average</b>					
Under 2,000 CDD and --					
More than 7,000 HDD .....	6	825	131	88	Q
5,500-7,000 HDD .....	27	1,917	71	257	Q
4,000-5,499 HDD .....	13	1,349	100	140	Q
Fewer than 4,000 HDD .....	13	1,025	78	101	Q
2,000 CDD or More and --					
Fewer than 4,000 HDD .....	7	460	65	Q	Q
<b>Number of Establishments</b>					
One .....	45	3,063	68	384	4,361
2 to 5 .....	15	1,301	85	156	Q
6 to 10 .....	Q	Q	Q	Q	Q
11 to 20 .....	Q	Q	Q	Q	Q
More than 20 .....	1	569	673	Q	Q
Currently Unoccupied .....	Q	Q	Q	Q	Q
<b>Energy Sources (more than one may apply)</b>					
Electricity .....	67	5,576	83	636	7,279
Natural Gas .....	25	2,577	104	306	3,611
Fuel Oil .....	5	1,864	403	179	1,993
District Heat .....	67	5,576	83	636	7,279
<b>Energy End Uses (more than one may apply)</b>					
Buildings with Space Heating .....	67	5,511	82	635	7,276
Buildings with Cooling .....	55	4,786	87	536	6,112
Buildings with Water Heating .....	61	4,764	78	525	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/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 district heat.

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.

**Table C38A. District Heat Consumption and Expenditure Intensities for All Buildings, 2003**

	District Heat Consumption		District Heat Expenditures		
	per Building (million Btu)	per Square Foot (thousand Btu)	per Building (thousand dollars)	per Square Foot (dollars)	per Thousand Pounds (dollars)
<b>All Buildings</b> .....	9,470	113.98	108.4	1.31	11.45
<b>Building Floorspace (Square Feet)</b>					
1,001 to 5,000 .....	Q	Q	Q	Q	Q
5,001 to 10,000 .....	Q	Q	Q	Q	Q
10,001 to 25,000 .....	Q	Q	Q	Q	Q
25,001 to 50,000 .....	Q	Q	Q	Q	Q
50,001 to 100,000 .....	Q	Q	Q	Q	Q
100,001 to 200,000 .....	17,452	118.10	Q	Q	Q
200,001 to 500,000 .....	34,658	121.16	Q	Q	Q
Over 500,000 .....	77,419	93.60	834.8	1.01	10.78
<b>Principal Building Activity</b>					
Education .....	5,223	116.63	Q	Q	Q
Food Sales .....	N	N	N	N	Q
Food Service .....	Q	Q	Q	Q	Q
Health Care .....	Q	Q	Q	Q	Q
Inpatient .....	Q	Q	Q	Q	Q
Outpatient .....	Q	Q	Q	Q	Q
Lodging .....	Q	Q	Q	Q	Q
Mercantile .....	Q	Q	Q	Q	Q
Retail (Other Than Mall) .....	Q	Q	Q	Q	Q
Enclosed and Strip Malls .....	Q	Q	Q	Q	Q
Office .....	7,933	81.53	89.4	0.92	11.27
Public Assembly .....	Q	Q	Q	Q	Q
Public Order and Safety .....	Q	Q	Q	Q	Q
Religious Worship .....	Q	Q	Q	Q	Q
Service .....	Q	Q	Q	Q	Q
Warehouse and Storage .....	Q	Q	Q	Q	Q
Other .....	Q	Q	Q	Q	Q
Vacant .....	Q	Q	Q	Q	Q
<b>Year Constructed</b>					
Before 1920 .....	Q	Q	Q	Q	Q
1920 to 1945 .....	10,610	107.03	116.9	1.18	11.02
1946 to 1959 .....	Q	Q	Q	Q	Q
1960 to 1969 .....	8,787	137.56	Q	Q	Q
1970 to 1979 .....	13,255	131.66	Q	Q	Q
1980 to 1989 .....	Q	Q	Q	Q	Q
1990 to 1999 .....	Q	Q	Q	Q	Q
2000 to 2003 .....	Q	Q	Q	Q	Q
<b>Census Region and Division</b>					
Northeast .....	9,403	111.22	Q	1.45	13.04
New England .....	Q	Q	Q	Q	Q
Middle Atlantic .....	Q	Q	Q	Q	Q
Midwest .....	17,217	136.50	Q	1.41	10.35
East North Central .....	25,607	135.33	Q	Q	Q
West North Central .....	Q	Q	Q	Q	Q
South .....	8,547	102.81	Q	1.17	11.36
South Atlantic .....	8,059	94.14	Q	Q	Q
East South Central .....	Q	Q	Q	Q	Q
West South Central .....	Q	Q	Q	Q	Q
West .....	Q	Q	Q	Q	Q
Mountain .....	Q	Q	Q	Q	Q
Pacific .....	Q	Q	Q	Q	Q

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**Table C38A. District Heat Consumption and Expenditure Intensities for All Buildings, 2003**

	District Heat Consumption		District Heat Expenditures		
	per Building (million Btu)	per Square Foot (thousand Btu)	per Building (thousand dollars)	per Square Foot (dollars)	per Thousand Pounds (dollars)
<b>All Buildings</b> .....	9,470	113.98	108.4	1.31	11.45
<b>Climate Zone: 30-Year Average</b>					
Under 2,000 CDD and --					
More than 7,000 HDD .....	Q	106.35	Q	Q	Q
5,500-7,000 HDD .....	9,440	133.88	Q	Q	Q
4,000-5,499 HDD .....	10,354	103.48	128.9	1.29	12.45
Fewer than 4,000 HDD .....	7,681	98.14	Q	Q	Q
2,000 CDD or More and --					
Fewer than 4,000 HDD .....	Q	Q	Q	Q	Q
<b>Number of Establishments</b>					
One .....	8,549	125.34	97.1	1.42	11.36
2 to 5 .....	10,135	119.61	Q	Q	Q
6 to 10 .....	Q	Q	Q	Q	Q
11 to 20 .....	Q	Q	Q	Q	Q
More than 20 .....	Q	Q	Q	Q	Q
Currently Unoccupied .....	Q	Q	Q	Q	Q
<b>Energy Sources (more than one may apply)</b>					
Electricity .....	9,470	113.98	108.4	1.31	11.45
Natural Gas .....	Q	118.88	Q	1.40	11.79
Fuel Oil .....	38,643	95.96	430.5	1.07	11.14
District Heat .....	9,470	113.98	108.4	1.31	11.45
<b>Energy End Uses (more than one may apply)</b>					
Buildings with Space Heating .....	9,496	115.28	108.8	1.32	11.45
Buildings with Cooling .....	9,719	112.07	110.8	1.28	11.40
Buildings with Water Heating .....	8,588	110.18	98.5	1.26	11.46

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 district heat.

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.