

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			
All Buildings	4,859	71,658	6,523	10,746	3,559	2,100	228	636
Building Floorspace (Square Feet)								
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
Principal Building Activity								
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
Year Constructed								
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
Census Region and Division								
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			
All Buildings	4,859	71,658	6,523	10,746	3,559	2,100	228	636
Climate Zone: 30-Year Average								
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
Number of Establishments								
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
Energy Sources (more than one may apply)								
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
Energy End Uses (more than one may apply)								
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
All Buildings	4,859	71,658	107,897	82,783	16,010	1,826	7,279
Building Floorspace (Square Feet)							
1,001 to 5,000	2,586	6,922	13,083	10,547	2,227	292	Q
5,001 to 10,000	948	7,033	10,443	8,199	1,830	307	Q
10,001 to 25,000	810	12,659	15,689	12,172	2,897	238	Q
25,001 to 50,000	261	9,382	11,898	9,179	2,054	134	Q
50,001 to 100,000	147	10,291	15,171	11,694	2,140	229	Q
100,001 to 200,000	74	10,217	16,087	11,962	1,964	279	Q
200,001 to 500,000	26	7,494	10,940	7,862	1,396	272	Q
Over 500,000	8	7,660	14,586	11,167	1,502	74	1,843
Principal Building Activity							
Education	386	9,874	12,008	8,111	1,889	362	Q
Food Sales	226	1,255	4,990	4,627	332	Q	N
Food Service	297	1,654	6,865	5,176	1,615	Q	Q
Health Care	129	3,163	7,440	4,882	1,538	79	Q
Inpatient	8	1,905	5,329	3,198	1,241	67	Q
Outpatient	121	1,258	2,111	1,684	297	Q	Q
Lodging	142	5,096	7,445	5,288	1,581	272	Q
Mercantile	657	11,192	21,300	18,883	2,204	167	Q
Retail (Other Than Mall)	443	4,317	5,980	5,132	719	117	Q
Enclosed and Strip Malls	213	6,875	15,320	13,751	1,486	Q	Q
Office	824	12,208	20,841	17,050	2,201	149	1,441
Public Assembly	277	3,939	5,790	3,943	775	230	Q
Public Order and Safety	71	1,090	1,917	1,216	234	Q	Q
Religious Worship	370	3,754	2,457	1,628	664	Q	Q
Service	622	4,050	4,779	3,485	1,096	Q	Q
Warehouse and Storage	597	10,078	6,894	5,034	976	74	Q
Other	79	1,738	4,420	3,049	684	Q	Q
Vacant	182	2,567	751	412	220	Q	Q
Year Constructed							
Before 1920	333	3,784	4,153	2,338	1,136	304	Q
1920 to 1945	536	6,985	8,946	5,364	1,734	425	1,423
1946 to 1959	573	7,262	9,053	6,184	1,668	392	Q
1960 to 1969	600	8,641	12,493	8,626	2,064	Q	Q
1970 to 1979	784	12,275	19,585	15,679	2,877	185	Q
1980 to 1989	768	12,468	22,142	18,258	2,685	103	Q
1990 to 1999	917	13,981	22,356	18,560	2,722	72	Q
2000 to 2003	347	6,262	9,169	7,773	1,125	Q	Q
Census Region and Division							
Northeast	761	13,995	24,395	16,907	3,883	1,437	2,169
New England	252	3,452	6,084	4,157	806	592	Q
Middle Atlantic	509	10,543	18,311	12,750	3,076	845	Q
Midwest	1,305	18,103	23,398	15,677	5,215	178	2,329
East North Central	728	12,424	17,511	11,503	3,968	Q	Q
West North Central	577	5,680	5,888	4,174	1,246	Q	Q
South	1,873	26,739	38,398	31,849	4,356	130	Q
South Atlantic	926	13,999	21,396	17,693	2,225	116	Q
East South Central	360	3,719	5,154	3,881	869	Q	Q
West South Central	587	9,022	11,848	10,275	1,262	6	Q
West	920	12,820	21,706	18,350	2,557	82	Q
Mountain	316	4,207	6,726	5,205	1,252	Q	Q
Pacific	603	8,613	14,980	13,145	1,305	Q	Q

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

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

See "Guide to the Tables" or "Glossary" for further explanations of the terms used in this table. Both can be accessed from the CBECS web site <http://www.eia.doe.gov/emeu/cbeecs>.

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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)
All Buildings	4,859	71,658	14.7	6,523	1,342	91.0
Building Floorspace (Square Feet)						
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
Principal Building Activity						
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
Year Constructed						
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
Census Region and Division						
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)
All Buildings	4,859	71,658	14.7	6,523	1,342	91.0
Climate Zone: 30-Year Average						
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
Number of Establishments						
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
Energy Sources (more than one may apply)						
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
Energy End Uses (more than one may apply)						
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)
All Buildings	4,859	71,658	14.7	107,897	22.2	1.51	16.54
Building Floorspace (Square Feet)							
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
Principal Building Activity							
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
Year Constructed							
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
Census Region and Division							
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)
All Buildings	4,859	71,658	14.7	107,897	22.2	1.51	16.54
Climate Zone: 30-Year Average							
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
Number of Establishments							
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
Energy Sources (more than one may apply)							
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
Energy End Uses (more than one may apply)							
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
All Buildings	1,396	1,799	2,265	1,063	13,995	18,103	26,739	12,820	99.8	99.4	84.7	82.9
Building Floorspace (Square Feet)												
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
Principal Building Activity												
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
Year Constructed												
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
Climate Zone: 30-Year Average												
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
All Buildings	1,396	1,799	2,265	1,063	13,995	18,103	26,739	12,820	99.8	99.4	84.7	82.9
Number of Establishments												
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
Energy Sources (more than one may apply)												
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
Energy End Uses (more than one may apply)												
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
All Buildings	24,395	23,398	38,398	21,706	17.47	13.01	16.95	20.42	1.74	1.29	1.44	1.69
Building Floorspace (Square Feet)												
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
Principal Building Activity												
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
Year Constructed												
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
Climate Zone: 30-Year Average												
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
All Buildings	24,395	23,398	38,398	21,706	17.47	13.01	16.95	20.42	1.74	1.29	1.44	1.69
Number of Establishments												
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
Energy Sources (more than one may apply)												
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
Energy End Uses (more than one may apply)												
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
All Buildings	345	1,052	1,343	3,452	10,543	12,424	99.8	99.7	108.1
Building Floorspace (Square Feet)									
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
Principal Building Activity									
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
Year Constructed									
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
Climate Zone: 30-Year Average									
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
All Buildings	345	1,052	1,343	3,452	10,543	12,424	99.8	99.7	108.1
Number of Establishments									
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
Energy Sources (more than one may apply)									
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
Energy End Uses (more than one may apply)									
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
All Buildings	456	1,241	340	5,680	13,999	3,719	80.2	88.7	91.4
Building Floorspace (Square Feet)									
1,001 to 5,000	60	123	37	922	1,283	547	64.9	96.2	67.6
5,001 to 10,000	45	111	27	738	1,468	420	61.6	75.4	63.2
10,001 to 25,000	71	145	74	1,204	2,443	861	59.0	59.3	Q
25,001 to 50,000	107	133	Q	949	1,867	545	112.5	71.1	Q
50,001 to 100,000	66	163	71	664	1,797	749	99.0	90.4	95.1
100,001 to 200,000	49	278	Q	614	2,422	Q	79.8	114.8	Q
200,001 to 500,000	Q	118	Q	441	1,148	Q	Q	102.4	Q
Over 500,000	Q	171	Q	Q	1,572	Q	Q	109.0	Q
Principal Building Activity									
Education	45	198	Q	552	2,445	341	81.0	80.9	Q
Food Sales	Q	Q	Q	Q	223	Q	Q	Q	Q
Food Service	Q	112	Q	206	433	99	Q	259.2	Q
Health Care	Q	120	Q	247	749	219	Q	160.1	Q
Inpatient	Q	Q	Q	Q	469	Q	Q	Q	Q
Outpatient	Q	Q	Q	Q	280	Q	Q	Q	Q
Lodging	55	91	Q	595	939	368	92.6	96.8	Q
Mercantile	51	243	52	531	2,638	678	96.3	92.2	77.1
Retail (Other Than Mall)	31	66	Q	337	897	353	93.6	73.4	Q
Enclosed and Strip Malls	Q	177	Q	Q	1,741	325	Q	101.9	Q
Office	62	155	50	799	1,958	481	77.6	79.3	103.2
Public Assembly	Q	42	Q	377	440	Q	Q	94.3	Q
Public Order and Safety	Q	Q	Q	Q	Q	Q	Q	Q	Q
Religious Worship	18	29	Q	395	721	310	46.2	39.6	Q
Service	31	Q	Q	514	753	307	61.3	73.5	Q
Warehouse and Storage	51	66	Q	994	1,836	390	51.0	35.7	Q
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q
Vacant	Q	Q	Q	Q	252	Q	Q	Q	Q
Year Constructed									
Before 1920	39	Q	Q	553	Q	Q	70.2	Q	Q
1920 to 1945	Q	41	Q	496	667	300	Q	61.6	Q
1946 to 1959	39	91	Q	574	1,113	261	68.5	81.4	Q
1960 to 1969	72	111	Q	866	1,488	504	83.7	74.7	Q
1970 to 1979	93	169	70	1,117	1,672	874	83.7	101.2	79.7
1980 to 1989	47	287	75	524	3,025	540	89.1	94.8	139.6
1990 to 1999	88	387	65	1,121	4,234	842	78.8	91.5	77.4
2000 to 2003	31	130	Q	429	1,460	354	73.4	88.9	Q
Climate Zone: 30-Year Average									
Under 2,000 CDD and --									
More than 7,000 HDD	240	N	N	2,702	N	N	88.9	N	N
5,500-7,000 HDD	102	N	N	Q	N	N	74.6	N	N
4,000-5,499 HDD	114	311	Q	1,609	3,065	Q	70.5	101.4	112.3
Fewer than 4,000 HDD	N	635	Q	N	7,126	Q	N	89.0	78.5
2,000 CDD or More and --									
Fewer than 4,000 HDD	N	296	Q	N	3,807	Q	N	77.7	98.9

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

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

See "Guide to the Tables" or "Glossary" for further explanations of the terms used in this table. Both can be accessed from the CBECS web site - <http://www.eia.doe.gov/emeu/cbecs>.

Q=Data withheld because the Relative Standard Error (RSE) was greater than 50 percent, or fewer than 20 buildings were sampled.

N=No responding cases in sample.

Notes: • Statistics for the "Energy End Uses" category represent total consumption in buildings that have the end use, not consumption specifically for that particular end use. • Due to rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-871A, C, and E of the 2003 Commercial Buildings Energy Consumption Survey.

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
All Buildings	684	446	617	9,022	4,207	8,613	75.8	106.1	71.6
Building Floorspace (Square Feet)									
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
Principal Building Activity									
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
Year Constructed									
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
Climate Zone: 30-Year Average									
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
All Buildings	684	446	617	9,022	4,207	8,613	75.8	106.1	71.6
Number of Establishments									
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
Energy Sources (more than one may apply)									
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
Energy End Uses (more than one may apply)									
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^a 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
All Buildings	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
Building Floorspace (Square Feet)															
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
Principal Building Activity															
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
Year Constructed															
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
Census Region and Division															
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^a 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
All Buildings	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
Number of Establishments															
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
Energy Sources (more than one may apply)															
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
Energy End Uses (more than one may apply)															
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
All Buildings	1,248	2,553	2,721	13,955	32,332	25,371	89.4	79.0	107.3
Principal Building Activity									
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
Year Constructed									
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
Census Region and Division									
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
Climate Zone: 30-Year Average									
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
All Buildings	1,248	2,553	2,721	13,955	32,332	25,371	89.4	79.0	107.3
Number of Establishments									
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
Energy Sources (more than one may apply)									
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
Energy End Uses (more than one may apply)									
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
All Buildings	1,522	3,228	1,772	18,031	33,384	20,243	84.4	96.7	87.6
Building Floorspace (Square Feet)									
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
Principal Building Activity									
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
Census Region and Division									
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
Climate Zone: 30-Year Average									
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
All Buildings	1,522	3,228	1,772	18,031	33,384	20,243	84.4	96.7	87.6
Number of Establishments									
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
Energy Sources (more than one may apply)									
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
Energy End Uses (more than one may apply)									
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)	
All Buildings	4,617	70,181	15.2	10,746	3,559	1,043	82,783
Building Floorspace (Square Feet)							
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
Principal Building Activity							
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
Year Constructed							
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
Census Region and Division							
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)	
All Buildings	4,617	70,181	15.2	10,746	3,559	1,043	82,783
Climate Zone: 30-Year Average							
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
Number of Establishments							
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
Energy Sources (more than one may apply)							
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
Energy End Uses (more than one may apply)							
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
Annual Consumption (kilowatthours)							
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			
All Buildings	226	14.9	3.8	8.8	18.1	17.9	1.18	0.079
Building Floorspace (Square Feet)								
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
Principal Building Activity								
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
Year Constructed								
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
Census Region and Division								
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			
All Buildings	226	14.9	3.8	8.8	18.1	17.9	1.18	0.079
Climate Zone: 30-Year Average								
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
Number of Establishments								
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
Energy Sources (more than one may apply)								
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
Energy End Uses (more than one may apply)								
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
Annual Consumption (kilowatthours)								
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
All Buildings	172	234	452	185	13,899	17,725	26,017	12,541	12.4	13.2	17.4	14.7
Building Floorspace (Square Feet)												
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
Principal Building Activity												
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
Year Constructed												
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
Climate Zone: 30-Year Average												
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
All Buildings	172	234	452	185	13,899	17,725	26,017	12,541	12.4	13.2	17.4	14.7
Number of Establishments												
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
Energy Sources (more than one may apply)												
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
Energy End Uses (more than one may apply)												
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
Annual Consumption (kilowatthours)												
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
All Buildings	16,907	15,677	31,849	18,350	0.10	0.07	0.07	0.10	1.22	0.88	1.22	1.46
Building Floorspace (Square Feet)												
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
Principal Building Activity												
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
Year Constructed												
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
Climate Zone: 30-Year Average												
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
Number of Establishments												
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
All Buildings	16,907	15,677	31,849	18,350	0.10	0.07	0.07	0.10	1.22	0.88	1.22	1.46
Energy Sources (more than one may apply)												
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
Energy End Uses (more than one may apply)												
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
Annual Consumption (kilowatthours)												
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
All Buildings	41	131	168	3,430	10,469	12,202	12.0	12.5	13.8
Building Floorspace (Square Feet)									
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
Principal Building Activity									
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
Year Constructed									
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
Climate Zone: 30-Year Average									
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
All Buildings	41	131	168	3,430	10,469	12,202	12.0	12.5	13.8
Number of Establishments									
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
Energy Sources (more than one may apply)									
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
Energy End Uses (more than one may apply)									
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
Annual Consumption (kilowatthours)									
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
All Buildings	66	254	57	5,523	13,837	3,546	12.0	18.3	16.2
Building Floorspace (Square Feet)									
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
Principal Building Activity									
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
Year Constructed									
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
Climate Zone: 30-Year Average									
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
All Buildings	66	254	57	5,523	13,837	3,546	12.0	18.3	16.2
Number of Establishments									
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
Energy Sources (more than one may apply)									
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
Energy End Uses (more than one may apply)									
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
Annual Consumption (kilowatthours)									
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/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: • 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
All Buildings	141	68	117	8,634	4,165	8,376	16.3	16.3	14.0
Building Floorspace (Square Feet)									
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
Principal Building Activity									
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
Year Constructed									
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
Climate Zone: 30-Year Average									
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
All Buildings	141	68	117	8,634	4,165	8,376	16.3	16.3	14.0
Number of Establishments									
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
Energy Sources (more than one may apply)									
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
Energy End Uses (more than one may apply)									
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
Annual Consumption (kilowatthours)									
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^a 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
All Buildings	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
Building Floorspace (Square Feet)															
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
Principal Building Activity															
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
Year Constructed															
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
Census Region and Division															
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^a 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
All Buildings	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
Number of Establishments															
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
Energy Sources (more than one may apply)															
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
Energy End Uses (more than one may apply)															
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
Annual Consumption (kilowatthours)															
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
All Buildings	201	412	431	13,124	31,858	25,200	15.3	12.9	17.1
Principal Building Activity									
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
Year Constructed									
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
Census Region and Division									
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
Climate Zone: 30-Year Average									
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
All Buildings	201	412	431	13,124	31,858	25,200	15.3	12.9	17.1
Number of Establishments									
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
Energy Sources (more than one may apply)									
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
Energy End Uses (more than one may apply)									
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
Annual Consumption (kilowatthours)									
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
All Buildings	162	538	343	17,509	32,945	19,727	9.2	16.3	17.4
Building Floorspace (Square Feet)									
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
Principal Building Activity									
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
Census Region and Division									
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
Climate Zone: 30-Year Average									
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
All Buildings	162	538	343	17,509	32,945	19,727	9.2	16.3	17.4
Number of Establishments									
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
Energy Sources (more than one may apply)									
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
Energy End Uses (more than one may apply)									
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
Annual Consumption (kilowatthours)									
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)
All Buildings	2,538	48,473	19.1	2,100	2,037	16,010
Building Floorspace (Square Feet)						
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
Principal Building Activity						
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
Year Constructed						
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
Census Region and Division						
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)
All Buildings	2,538	48,473	19.1	2,100	2,037	16,010
Climate Zone: 30-Year Average						
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
Number of Establishments						
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
Energy Sources (more than one may apply)						
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
Energy End Uses (more than one may apply)						
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
Annual Consumption (hundred cubic feet)						
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 CB ECS 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			
All Buildings	803	42.0	17.9	37.4	71.0	6.3	0.33	7.86
Building Floorspace (Square Feet)								
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
Principal Building Activity								
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
Year Constructed								
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
Census Region and Division								
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			
All Buildings	803	42.0	17.9	37.4	71.0	6.3	0.33	7.86
Climate Zone: 30-Year Average								
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
Number of Establishments								
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
Energy Sources (more than one may apply)								
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
Energy End Uses (more than one may apply)								
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
Annual Consumption (hundred cubic feet)								
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
All Buildings	448	728	511	350	10,162	14,144	15,260	8,907	44.1	51.5	33.5	39.3
Building Floorspace (Square Feet)												
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
Principal Building Activity												
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
Year Constructed												
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
Climate Zone: 30-Year Average												
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
All Buildings	448	728	511	350	10,162	14,144	15,260	8,907	44.1	51.5	33.5	39.3
Number of Establishments												
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
Energy Sources (more than one may apply)												
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
Energy End Uses (more than one may apply)												
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
Annual Consumption (hundred cubic feet)												
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
All Buildings	3,883	5,215	4,356	2,557	8.66	7.16	8.53	7.31	0.38	0.37	0.29	0.29
Building Floorspace (Square Feet)												
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
Principal Building Activity												
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
Year Constructed												
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
Climate Zone: 30-Year Average												
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
Number of Establishments												
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
All Buildings	3,883	5,215	4,356	2,557	8.66	7.16	8.53	7.31	0.38	0.37	0.29	0.29
Energy Sources (more than one may apply)												
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
Energy End Uses (more than one may apply)												
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
Annual Consumption (hundred cubic feet)												
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
All Buildings	85	364	550	1,861	8,301	10,356	45.4	43.8	53.1
Building Floorspace (Square Feet)									
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
Principal Building Activity									
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
Year Constructed									
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
Climate Zone: 30-Year Average									
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
All Buildings	85	364	550	1,861	8,301	10,356	45.4	43.8	53.1
Number of Establishments									
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
Energy Sources (more than one may apply)									
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
Energy End Uses (more than one may apply)									
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
Annual Consumption (hundred cubic feet)									
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
All Buildings	178	238	104	3,788	7,286	2,521	47.0	32.7	41.3
Building Floorspace (Square Feet)									
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
Principal Building Activity									
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
Year Constructed									
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
Climate Zone: 30-Year Average									
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
All Buildings	178	238	104	3,788	7,286	2,521	47.0	32.7	41.3
Number of Establishments									
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
Energy Sources (more than one may apply)									
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
Energy End Uses (more than one may apply)									
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
Annual Consumption (hundred cubic feet)									
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
All Buildings	168	185	165	5,453	3,263	5,644	30.9	56.6	29.2
Building Floorspace (Square Feet)									
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
Principal Building Activity									
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
Year Constructed									
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
Climate Zone: 30-Year Average									
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
All Buildings	168	185	165	5,453	3,263	5,644	30.9	56.6	29.2
Number of Establishments									
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
Energy Sources (more than one may apply)									
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
Energy End Uses (more than one may apply)									
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
Annual Consumption (hundred cubic feet)									
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^a 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
All Buildings	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
Building Floorspace (Square Feet)															
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
Principal Building Activity															
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
Year Constructed															
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
Census Region and Division															
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^a 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
All Buildings	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
Number of Establishments															
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
Energy Sources (more than one may apply)															
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
Energy End Uses (more than one may apply)															
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
Annual Consumption (hundred cubic feet)															
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>.

^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 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
All Buildings	467	882	688	7,144	21,928	19,401	65.4	40.2	35.5
Principal Building Activity									
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
Year Constructed									
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
Census Region and Division									
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
Climate Zone: 30-Year Average									
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
All Buildings	467	882	688	7,144	21,928	19,401	65.4	40.2	35.5
Number of Establishments									
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
Energy Sources (more than one may apply)									
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
Energy End Uses (more than one may apply)									
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
Annual Consumption (hundred cubic feet)									
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
All Buildings	580	986	471	12,407	22,762	13,304	46.8	43.3	35.4
Building Floorspace (Square Feet)									
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
Principal Building Activity									
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
Census Region and Division									
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
Climate Zone: 30-Year Average									
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
All Buildings	580	986	471	12,407	22,762	13,304	46.8	43.3	35.4
Number of Establishments									
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
Energy Sources (more than one may apply)									
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
Energy End Uses (more than one may apply)									
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
Annual Consumption (hundred cubic feet)									
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)
All Buildings	465	16,265	35	228	1,644	1,826
Building Floorspace (Square Feet)						
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
Principal Building Activity						
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
Year Constructed						
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
Census Region and Division						
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

