

## Buildings Characteristics

### Buildings Use Tables

(24 pages, 129 kb)

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<p>These data are from the 1995 Commercial Buildings Energy Consumption Survey (CBECS), a national probability sample survey of commercial buildings sponsored by the Energy Information Administration, that provides information on the use of energy in commercial buildings in the United States. The 1995 CBECS was the sixth survey in a series begun in 1979. The data were collected from a sample of 6,639 buildings representing 4.6 million commercial buildings and 58.8 billion square feet of commercial floorspace in the U.S. The 1995 data are available for the four Census regions and nine Census division.</p>	
<p>Data provided here are in the public domain and may be reproduced without permission. appropriate credit would be appreciated. A suggested citation is "U.S. Department of Energy, Energy Information Administration, "A Look at Commercial Buildings in 1995: Characteristics, Energy Consumption, and Energy Expenditures."</p>	
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<p><b>World Wide Web:</b></p>	<p><a href="http://www.eia.doe.gov/emeu/consumption">http://www.eia.doe.gov/emeu/consumption</a></p>

**Table 12. Employment Size Category, Number of Buildings, 1995**  
(Thousand)

Building Characteristics	Buildings by Number of Workers								RSE Row Factor
	All Buildings	Fewer than 5 Workers	5 to 9 Workers	10 to 19 Workers	20 to 49 Workers	50 to 99 Workers	100 to 249 Workers	250 or More Workers	
	0.6	0.8	1.3	1.3	1.1	1.1	1.0	1.1	
RSE Column Factor:	0.6	0.8	1.3	1.3	1.1	1.1	1.0	1.1	
<b>All Buildings</b> .....	4,579	2,505	798	625	400	138	71	43	7.6
<b>Building Floorspace (Square Feet)</b>									
1,001 to 5,000 .....	2,399	1,703	421	198	62	Q	Q	Q	11.3
5,001 to 10,000 .....	1,035	508	222	222	79	Q	Q	Q	13.7
10,001 to 25,000 .....	745	260	128	159	150	33	8	Q	14.2
25,001 to 50,000 .....	213	22	16	32	71	44	24	Q	11.2
50,001 to 100,000 .....	115	7	9	9	31	30	20	9	13.4
100,001 to 200,000 .....	48	3	Q	3	5	13	12	11	15.0
200,001 to 500,000 .....	19	Q	Q	Q	1	2	5	9	15.6
Over 500,000 .....	6	Q	Q	Q	Q	Q	1	4	16.9
<b>Principal Building Activity</b>									
Education .....	309	87	63	47	62	35	11	5	18.3
Food Sales .....	137	109	Q	Q	Q	Q	Q	Q	23.0
Food Service .....	285	131	59	61	32	Q	Q	Q	21.1
Health Care .....	105	Q	Q	Q	21	3	3	4	24.5
Lodging .....	158	98	17	12	19	8	3	2	22.8
Mercantile and Service .....	1,289	745	288	143	77	22	10	3	13.9
Office .....	705	193	168	162	103	33	28	18	14.0
Public Assembly .....	326	193	46	66	13	4	3	Q	22.7
Public Order and Safety .....	87	Q	Q	Q	14	Q	Q	Q	42.1
Religious Worship .....	269	204	28	14	Q	Q	Q	Q	24.7
Warehouse and Storage .....	580	410	62	56	31	15	5	1	21.7
Other .....	67	Q	Q	Q	Q	Q	2	Q	43.5
Vacant .....	261	241	Q	Q	Q	Q	Q	Q	20.1
<b>Year Constructed</b>									
1919 or Before .....	353	217	64	41	16	8	5	1	26.5
1920 to 1945 .....	562	336	119	40	46	15	4	3	19.7
1946 to 1959 .....	867	475	176	118	72	15	7	4	15.5
1960 to 1969 .....	718	390	111	100	69	26	16	7	15.7
1970 to 1979 .....	813	390	176	144	51	30	12	9	13.1
1980 to 1989 .....	846	430	104	134	110	34	18	17	14.7
1990 to 1992 .....	218	123	31	29	21	5	7	2	24.3
1993 to 1995 .....	202	144	Q	18	15	5	2	1	32.1
<b>Floors</b>									
One .....	3,018	1,859	528	328	210	68	20	4	10.7
Two .....	1,002	432	152	238	114	38	17	Q	12.2
Three .....	399	176	102	49	38	18	12	5	17.7
Four to Nine .....	148	37	15	10	37	14	20	15	19.7
Ten or More .....	12	Q	Q	Q	Q	Q	2	8	20.4
<b>Census Region</b>									
Northeast .....	725	363	100	145	76	19	16	7	15.4
Midwest .....	1,139	678	218	102	91	24	17	8	14.0
South .....	1,750	987	297	223	152	54	20	17	12.6
West .....	964	477	182	155	81	41	18	10	16.8

See footnotes at end of table.

**Table 12. Employment Size Category, Number of Buildings, 1995 (Continued)**  
(Thousand)

Building Characteristics	Buildings by Number of Workers								RSE Row Factor
	All Buildings	Fewer than 5 Workers	5 to 9 Workers	10 to 19 Workers	20 to 49 Workers	50 to 99 Workers	100 to 249 Workers	250 or More Workers	
RSE Column Factor:	0.6	0.8	1.3	1.3	1.1	1.1	1.0	1.1	
<b>Weekly Operating Hours</b>									
39 or Fewer .....	899	729	69	64	17	Q	Q	Q	20.4
40 to 48 .....	1,257	598	278	193	134	36	14	5	13.4
49 to 60 .....	969	426	249	152	82	35	17	8	13.2
61 to 84 .....	567	249	97	105	75	20	15	7	15.6
85 to 167 .....	420	225	55	67	45	17	8	4	18.8
Open Continuously .....	466	278	50	44	47	19	16	11	14.2
<b>Ownership and Occupancy</b>									
Nongovernment Owned .....	4,025	2,317	692	509	324	96	53	34	8.6
Owner Occupied .....	3,158	1,801	598	410	220	66	37	27	10.1
Nonowner Occupied .....	698	348	93	99	104	30	17	7	15.0
Unoccupied .....	170	168	Q	Q	Q	Q	Q	Q	25.0
Government Owned .....	553	188	106	115	76	42	18	9	14.9
<b>Space in Building Vacant for at Least Three Consecutive Months</b>									
Yes .....	787	516	72	87	50	27	22	14	13.4
No .....	3,791	1,988	726	538	350	111	49	29	8.8
<b>Number of Establishments</b>									
One .....	3,712	2,153	634	457	295	100	45	28	8.9
2 to 5 .....	530	150	158	137	58	17	7	4	16.7
6 to 10 .....	91	Q	Q	31	37	9	6	3	24.2
11 to 20 .....	28	Q	Q	Q	6	10	7	3	17.6
More than 20 .....	31	Q	Q	Q	Q	Q	6	6	23.2
Currently Unoccupied .....	187	183	Q	Q	Q	Q	Q	Q	23.2
<b>Energy Sources (more than one may apply)</b>									
Electricity .....	4,343	2,274	797	625	397	137	71	43	7.6
Natural Gas .....	2,478	1,155	538	358	261	90	50	25	8.6
Fuel Oil .....	607	324	79	94	52	21	19	18	15.8
District Heat .....	110	34	15	Q	16	17	8	9	25.3
District Chilled Water .....	53	Q	Q	Q	8	8	3	5	28.4
Propane .....	589	312	107	103	43	12	4	Q	21.6
Other .....	213	129	42	24	8	5	4	1	26.9
<b>Energy End Uses (more than one may apply)</b>									
Buildings with Space Heating .....	4,024	2,013	770	608	390	131	69	43	7.8
Buildings with Cooling .....	3,381	1,542	691	549	361	129	69	41	7.9
Buildings with Water Heating .....	3,486	1,587	705	580	377	127	69	42	8.1
Buildings with Cooking .....	828	283	150	163	135	52	24	20	11.2
Buildings with Manufacturing .....	204	100	27	21	41	8	5	2	25.2
Buildings with Electricity Generation .....	247	56	25	52	52	23	18	19	19.3
<b>Percent of Floorspace Heated</b>									
Not Heated .....	554	492	27	Q	Q	Q	Q	Q	19.2
1 to 50 .....	555	376	88	57	27	5	Q	1	21.2
51 to 99 .....	633	288	147	106	59	15	12	6	16.8
100 .....	2,836	1,349	535	445	304	112	56	36	8.7

See footnotes at end of table.

**Table 12. Employment Size Category, Number of Buildings, 1995 (Continued)**  
(Thousand)

Building Characteristics	All Buildings	Buildings by Number of Workers							RSE Row Factor
		Fewer than 5 Workers	5 to 9 Workers	10 to 19 Workers	20 to 49 Workers	50 to 99 Workers	100 to 249 Workers	250 or More Workers	
RSE Column Factor:	0.6	0.8	1.3	1.3	1.1	1.1	1.0	1.1	
<b>Percent of Floorspace Cooled</b>									
Not Cooled .....	1,198	962	107	76	39	9	Q	Q	21.5
1 to 50 .....	930	454	199	146	84	31	13	4	14.9
51 to 99 .....	635	240	169	89	78	29	18	12	13.9
100 .....	1,816	849	323	314	198	69	38	25	10.4
<b>Percent Lit when Open</b>									
Zero .....	36	36	Q	Q	Q	Q	Q	Q	55.2
1 to 50 .....	666	513	110	26	12	4	Q	Q	17.3
51 to 99 .....	745	370	178	89	66	25	12	6	17.2
100 .....	2,814	1,273	509	510	319	108	58	37	8.8
Building Not in Use/ Electricity Not Used .....	318	313	Q	Q	Q	Q	Q	Q	21.4
<b>Heating Equipment (more than one may apply)</b>									
Heat Pumps .....	394	150	72	78	64	14	12	5	18.9
Furnaces .....	1,676	914	346	239	128	29	10	Q	12.4
Individual Space Heaters .....	1,188	668	222	122	106	45	17	9	13.8
District Heat .....	115	34	16	Q	18	18	8	9	24.7
Boilers .....	610	229	86	121	84	43	30	17	13.5
Packaged Heating Units .....	1,031	376	230	188	144	57	27	9	11.7
Other .....	161	75	19	30	14	8	6	9	24.3
<b>Cooling Equipment (more than one may apply)</b>									
Residential-Type Central									
Air Conditioners .....	878	454	160	149	74	22	10	Q	15.5
Heat Pumps .....	457	187	81	82	71	17	14	5	18.3
Individual Air Conditioners .....	862	494	147	110	66	24	15	6	12.0
District Chilled Water .....	53	Q	Q	Q	8	8	3	5	28.4
Central Chillers .....	109	Q	Q	8	23	18	21	17	14.2
Packaged Air Conditioning									
Units .....	1,431	457	332	297	202	84	39	20	9.6
Swamp Coolers .....	186	95	25	37	19	4	4	2	32.7
Other .....	18	Q	Q	Q	Q	Q	Q	2	30.5
<b>Lighting Equipment Types (more than one may apply)</b>									
Incandescent .....	2,479	1,252	524	323	232	76	41	31	9.8
Standard Fluorescent .....	3,885	1,873	771	609	388	133	69	43	7.7
Compact Fluorescent .....	364	77	37	114	71	25	22	20	15.0
High-Intensity Discharge .....	393	115	57	83	76	28	21	14	13.9
Halogen .....	302	117	55	48	39	14	12	17	19.9
Other .....	30	Q	Q	Q	Q	Q	Q	Q	72.6
<b>Personal Computers and/or Computer Terminals</b>									
None .....	2,039	1,668	217	96	36	19	Q	Q	15.9
1 to 4 .....	1,408	755	367	196	72	8	Q	Q	12.9
5 to 9 .....	437	47	150	139	85	11	5	Q	21.2
10 to 19 .....	344	Q	54	168	77	21	5	Q	19.2
20 to 49 .....	198	Q	Q	24	103	36	11	3	15.9
50 to 99 .....	81	Q	Q	Q	23	31	19	4	16.9
100 to 249 .....	46	Q	Q	Q	4	9	21	8	14.2
250 or More .....	26	Q	Q	Q	Q	Q	5	19	15.6

See footnotes at end of table.

**Table 12. Employment Size Category, Number of Buildings, 1995 (Continued)**  
(Thousand)

Building Characteristics	All Buildings	Buildings by Number of Workers							RSE Row Factor
		Fewer than 5 Workers	5 to 9 Workers	10 to 19 Workers	20 to 49 Workers	50 to 99 Workers	100 to 249 Workers	250 or More Workers	
RSE Column Factor:	0.6	0.8	1.3	1.3	1.1	1.1	1.0	1.1	
<b>Lighting Conservation Features (more than one may apply)</b>									
Specular Reflectors .....	749	328	112	124	103	38	26	18	12.4
Energy-Efficient Ballasts .....	1,363	508	274	241	191	68	46	34	11.3
Natural Lighting Control									
Sensors .....	237	91	46	46	30	10	8	5	21.0
Occupancy Sensors .....	131	40	19	28	19	9	9	8	22.8
Time Clock .....	467	153	78	96	71	33	20	16	17.0
Manual Dimmer Switches .....	501	219	83	77	62	26	18	16	15.4
Other .....	79	Q	Q	Q	9	8	5	3	25.2
<b>Off-Hour Equipment Reduction (more than one may apply)</b>									
Heating .....	3,211	1,590	640	527	279	98	47	29	9.1
Cooling .....	2,707	1,219	570	480	265	98	48	28	9.3
Lighting .....	3,753	1,890	735	573	351	118	55	32	8.6

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

Notes: • To obtain the RSE percentage for any table cell, multiply the cell's corresponding RSE column and RSE row factors. • See Glossary for explanation of abbreviations and definitions of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-871A of the 1995 Commercial Buildings Energy Consumption Survey.

**Table 13. Employment Size Category, Floorspace, 1995**  
(Million Square Feet)

Building Characteristics	Total Floorspace of All Buildings	Floorspace by Number of Workers							RSE Row Factor
		Fewer than 5 Workers	5 to 9 Workers	10 to 19 Workers	20 to 49 Workers	50 to 99 Workers	100 to 249 Workers	250 or More Workers	
RSE Column Factor:	0.5	1.1	1.4	1.2	1.0	1.1	1.1	1.0	
<b>All Buildings</b> .....	58,772	13,885	6,291	7,102	9,132	6,931	5,988	9,443	6.2
<b>Building Floorspace (Square Feet)</b>									
1,001 to 5,000 .....	6,338	4,184	1,202	695	225	Q	Q	Q	11.4
5,001 to 10,000 .....	7,530	3,636	1,608	1,637	615	Q	Q	Q	13.8
10,001 to 25,000 .....	11,617	3,806	2,090	2,399	2,513	567	155	Q	13.3
25,001 to 50,000 .....	7,676	770	529	1,099	2,620	1,644	913	Q	11.3
50,001 to 100,000 .....	7,968	518	567	557	2,087	2,108	1,472	658	13.2
100,001 to 200,000 .....	6,776	415	Q	480	736	1,738	1,628	1,644	15.6
200,001 to 500,000 .....	5,553	Q	Q	Q	204	587	1,394	2,858	16.8
Over 500,000 .....	5,313	Q	Q	Q	Q	Q	409	4,096	18.3
<b>Principal Building Activity</b>									
Education .....	7,740	432	660	760	2,132	1,753	1,344	661	15.5
Food Sales .....	642	300	Q	Q	Q	Q	Q	Q	20.0
Food Service .....	1,353	370	290	420	208	Q	Q	Q	23.3
Health Care .....	2,333	Q	Q	Q	311	132	253	1,326	20.1
Lodging .....	3,618	809	390	341	677	672	332	398	19.9
Mercantile and Service .....	12,728	3,197	1,936	1,595	1,774	1,318	1,046	1,862	13.3
Office .....	10,478	525	797	1,024	1,406	1,153	1,639	3,934	13.1
Public Assembly .....	3,948	1,303	394	740	520	436	311	Q	19.9
Public Order and Safety .....	1,271	Q	Q	Q	311	Q	Q	Q	36.9
Religious Worship .....	2,792	1,820	415	235	Q	Q	Q	Q	19.1
Warehouse and Storage .....	8,481	2,740	964	1,413	1,298	994	613	459	17.9
Other .....	1,004	Q	Q	Q	Q	Q	174	Q	39.1
Vacant .....	2,384	2,038	Q	Q	Q	Q	Q	Q	22.0
<b>Year Constructed</b>									
1919 or Before .....	3,673	1,295	608	490	414	266	360	239	22.9
1920 to 1945 .....	6,710	2,266	949	647	1,077	595	497	679	18.0
1946 to 1959 .....	9,298	2,533	1,277	1,300	1,655	951	768	814	15.2
1960 to 1969 .....	10,858	2,400	1,095	1,179	1,634	1,648	1,275	1,627	12.7
1970 to 1979 .....	11,333	2,047	1,209	1,607	1,374	1,392	1,056	2,649	11.0
1980 to 1989 .....	12,252	2,227	912	1,393	2,125	1,446	1,389	2,760	12.0
1990 to 1992 .....	2,590	509	142	277	430	245	472	515	19.2
1993 to 1995 .....	2,059	609	Q	209	423	388	172	160	22.1
<b>Floors</b>									
One .....	24,552	8,500	3,429	3,466	4,080	2,643	1,572	863	9.5
Two .....	14,122	3,134	1,286	2,521	2,551	1,877	1,359	1,394	11.8
Three .....	7,335	1,450	1,109	783	1,314	1,072	873	735	15.3
Four to Nine .....	8,789	624	452	328	1,142	1,221	1,907	3,115	14.8
Ten or More .....	3,975	Q	Q	Q	Q	Q	278	3,336	18.0
<b>Census Region</b>									
Northeast .....	11,883	2,430	1,057	1,317	1,807	1,264	1,429	2,577	14.8
Midwest .....	14,322	3,584	1,764	1,511	2,390	1,504	1,579	1,990	11.2
South .....	20,830	5,345	2,082	2,701	3,212	2,733	1,755	3,001	9.9
West .....	11,736	2,526	1,387	1,572	1,723	1,430	1,224	1,875	13.8

See footnotes at end of table.

**Table 13. Employment Size Category, Floorspace, 1995 (Continued)**  
(Million Square Feet)

Building Characteristics	Total Floorspace of All Buildings	Floorspace by Number of Workers							RSE Row Factor
		Fewer than 5 Workers	5 to 9 Workers	10 to 19 Workers	20 to 49 Workers	50 to 99 Workers	100 to 249 Workers	250 or More Workers	
RSE Column Factor:	0.5	1.1	1.4	1.2	1.0	1.1	1.1	1.0	
<b>Weekly Operating Hours</b>									
39 or Fewer .....	6,134	4,539	357	513	360	Q	Q	Q	18.7
40 to 48 .....	13,233	3,185	2,255	2,221	2,504	1,530	879	659	12.5
49 to 60 .....	12,242	2,288	1,678	1,752	2,006	1,633	1,208	1,678	11.9
61 to 84 .....	10,052	1,241	903	1,163	1,736	1,174	1,462	2,373	14.2
85 to 167 .....	6,202	1,136	387	705	1,100	1,066	939	868	16.5
Open Continuously .....	10,908	1,496	711	748	1,426	1,352	1,438	3,738	11.5
<b>Ownership and Occupancy</b>									
Nongovernment Owned .....	46,696	12,588	5,466	5,932	6,735	4,604	4,208	7,164	7.1
Owner Occupied .....	35,573	9,406	4,739	4,545	4,667	3,145	2,945	6,126	7.9
Nonowner Occupied .....	9,697	1,807	722	1,383	2,068	1,459	1,263	996	14.5
Unoccupied .....	1,426	1,375	Q	Q	Q	Q	Q	Q	30.9
Government Owned .....	12,076	1,298	825	1,170	2,397	2,327	1,780	2,279	11.8
<b>Space in Building Vacant for at Least Three Consecutive Months</b>									
Yes .....	15,844	3,872	824	1,316	1,635	1,433	1,977	4,787	12.6
No .....	42,928	10,013	5,467	5,785	7,497	5,498	4,011	4,657	6.8
<b>Number of Establishments</b>									
One .....	41,057	11,190	5,038	5,282	6,649	4,824	3,722	4,351	6.9
2 to 5 .....	7,325	1,022	1,157	1,354	1,389	962	591	850	15.6
6 to 10 .....	2,672	Q	Q	456	812	453	458	435	22.4
11 to 20 .....	2,228	Q	Q	Q	214	544	652	735	18.1
More than 20 .....	3,943	Q	Q	Q	Q	Q	565	3,030	16.7
Currently Unoccupied .....	1,548	1,473	Q	Q	Q	Q	Q	Q	29.5
<b>Energy Sources (more than one may apply)</b>									
Electricity .....	57,076	12,342	6,270	7,102	9,103	6,860	5,975	9,425	6.1
Natural Gas .....	38,145	6,581	4,482	4,696	6,627	4,762	4,286	6,712	7.3
Fuel Oil .....	14,421	1,674	791	872	1,436	1,652	2,210	5,787	12.9
District Heat .....	5,658	423	303	258	617	713	886	2,458	17.7
District Chilled Water .....	2,521	Q	Q	Q	250	366	356	1,172	20.0
Propane .....	5,344	1,510	702	877	780	654	435	387	20.8
Other .....	2,336	586	257	269	269	399	318	237	27.5
<b>Energy End Uses (more than one may apply)</b>									
Buildings with Space Heating .....	54,347	10,663	6,086	6,905	8,899	6,642	5,880	9,272	6.3
Buildings with Cooling .....	49,935	8,324	5,260	6,449	8,302	6,379	5,872	9,349	6.4
Buildings with Water Heating .....	51,560	8,772	5,610	6,566	8,763	6,622	5,903	9,324	6.4
Buildings with Cooking .....	20,713	1,609	1,272	1,686	3,515	3,362	2,825	6,444	10.0
Buildings with Manufacturing .....	3,893	608	288	457	884	528	515	612	22.2
Buildings with Electricity Generation .....	13,366	566	294	594	1,594	1,787	2,061	6,471	13.9
<b>Percent of Floorspace Heated</b>									
Not Heated .....	4,425	3,223	205	196	Q	Q	Q	Q	22.2
1 to 50 .....	6,227	2,318	898	1,180	830	404	Q	405	19.5
51 to 99 .....	8,868	1,647	1,212	1,065	1,236	728	995	1,985	15.2
100 .....	39,252	6,697	3,976	4,660	6,833	5,510	4,694	6,882	6.7

See footnotes at end of table.

**Table 13. Employment Size Category, Floorspace, 1995 (Continued)**  
(Million Square Feet)

Building Characteristics	Total Floorspace of All Buildings	Floorspace by Number of Workers							RSE Row Factor
		Fewer than 5 Workers	5 to 9 Workers	10 to 19 Workers	20 to 49 Workers	50 to 99 Workers	100 to 249 Workers	250 or More Workers	
RSE Column Factor:	0.5	1.1	1.4	1.2	1.0	1.1	1.1	1.0	
<b>Percent of Floorspace Cooled</b>									
Not Cooled .....	8,837	5,562	1,031	652	830	552	Q	Q	17.1
1 to 50 .....	15,027	3,149	2,136	2,596	2,727	1,752	1,672	994	12.4
51 to 99 .....	12,549	1,106	1,110	965	1,939	1,852	1,453	4,125	12.0
100 .....	22,359	4,069	2,014	2,889	3,636	2,775	2,746	4,230	8.5
<b>Percent Lit when Open</b>									
Zero .....	189	183	Q	Q	Q	Q	Q	Q	38.5
1 to 50 .....	6,008	3,461	1,093	698	414	229	Q	Q	14.9
51 to 99 .....	9,692	1,718	1,443	1,058	1,669	1,260	1,130	1,413	13.8
100 .....	40,514	6,308	3,727	5,345	7,020	5,370	4,784	7,960	6.8
Building Not in Use/ Electricity Not Used .....	2,369	2,216	Q	Q	Q	Q	Q	Q	23.6
<b>Heating Equipment (more than one may apply)</b>									
Heat Pumps .....	5,843	807	381	831	1,108	689	969	1,058	14.9
Furnaces .....	14,923	4,496	2,397	2,557	2,280	1,504	778	911	11.9
Individual Space Heaters .....	16,809	3,629	2,072	1,666	2,463	2,209	1,583	3,186	12.0
District Heat .....	5,911	427	319	285	673	784	902	2,520	17.9
Boilers .....	16,754	1,692	1,044	1,560	2,856	2,733	2,866	4,003	10.2
Packaged Heating Units .....	16,893	1,988	1,733	2,185	3,529	2,695	2,219	2,545	9.9
Other .....	6,249	513	368	463	505	646	626	3,128	21.0
<b>Cooling Equipment (more than one may apply)</b>									
Residential-Type Central									
Air Conditioners .....	9,238	2,076	1,123	1,488	1,575	917	707	1,351	12.8
Heat Pumps .....	6,931	980	529	860	1,271	879	1,065	1,347	14.9
Individual Air Conditioners .....	12,494	2,628	1,109	1,580	1,988	1,643	1,535	2,011	11.4
District Chilled Water .....	2,521	Q	Q	Q	250	366	356	1,172	20.0
Central Chillers .....	11,065	280	Q	298	1,075	1,505	2,054	5,684	14.2
Packaged Air Conditioning									
Units .....	26,628	2,807	2,808	3,458	4,720	4,239	3,360	5,237	8.4
Swamp Coolers .....	2,451	523	161	394	352	248	424	350	28.7
Other .....	949	Q	Q	Q	Q	Q	Q	405	30.9
<b>Lighting Equipment Types (more than one may apply)</b>									
Incandescent .....	35,715	7,242	3,969	3,552	5,524	4,203	3,880	7,345	7.4
Standard Fluorescent .....	53,984	10,102	6,041	6,990	8,910	6,624	5,909	9,409	6.2
Compact Fluorescent .....	14,273	688	424	1,286	1,997	1,740	2,017	6,121	12.3
High-Intensity Discharge .....	16,259	1,155	762	1,464	2,648	2,516	2,735	4,980	11.8
Halogen .....	9,665	784	438	489	1,319	1,389	1,244	4,001	14.7
Other .....	554	Q	Q	Q	Q	Q	Q	Q	78.3
<b>Personal Computers and/or Computer Terminals</b>									
None .....	12,571	8,966	1,576	977	523	400	Q	Q	15.5
1 to 4 .....	11,401	4,251	3,116	2,295	1,143	360	Q	Q	12.5
5 to 9 .....	5,372	325	999	1,653	1,706	469	210	Q	18.2
10 to 19 .....	5,947	Q	375	1,644	2,101	1,149	466	Q	15.3
20 to 49 .....	7,048	Q	Q	415	2,661	2,085	1,083	523	13.6
50 to 99 .....	4,938	Q	Q	Q	721	1,575	1,506	921	14.5
100 to 249 .....	5,189	Q	Q	Q	266	704	1,964	2,189	15.0
250 or More .....	6,307	Q	Q	Q	Q	Q	598	5,458	13.3

See footnotes at end of table.

**Table 13. Employment Size Category, Floorspace, 1995 (Continued)**  
(Million Square Feet)

Building Characteristics	Total Floorspace of All Buildings	Floorspace by Number of Workers							RSE Row Factor
		Fewer than 5 Workers	5 to 9 Workers	10 to 19 Workers	20 to 49 Workers	50 to 99 Workers	100 to 249 Workers	250 or More Workers	
RSE Column Factor:	0.5	1.1	1.4	1.2	1.0	1.1	1.1	1.0	
<b>Lighting Conservation Features (more than one may apply)</b>									
Specular Reflectors .....	17,868	1,958	940	1,870	2,563	2,559	2,469	5,509	10.2
Energy-Efficient Ballasts .....	28,375	2,759	2,360	2,810	4,564	3,898	4,172	7,812	8.1
Natural Lighting Control									
Sensors .....	6,431	683	441	583	768	791	778	2,388	17.3
Occupancy Sensors .....	5,958	429	273	366	600	816	826	2,647	20.4
Time Clock .....	13,262	1,075	644	1,015	1,679	1,978	1,820	5,053	12.1
Manual Dimmer Switches .....	13,056	1,699	830	890	1,708	1,621	1,688	4,620	11.9
Other .....	2,836	Q	Q	Q	441	453	568	975	19.9
<b>Off-Hour Equipment Reduction (more than one may apply)</b>									
Heating .....	38,326	8,134	4,759	5,562	6,343	4,582	3,893	5,054	7.5
Cooling .....	35,605	6,484	4,270	5,250	6,013	4,316	3,971	5,301	7.7
Lighting .....	44,937	9,874	5,472	6,277	7,631	5,493	4,499	5,690	7.1

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

Notes: • To obtain the RSE percentage for any table cell, multiply the cell's corresponding RSE column and RSE row factors. • See Glossary for explanation of abbreviations and definitions of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-871A of the 1995 Commercial Buildings Energy Consumption Survey.

**Table 14. Weekly Operating Hours, Number of Buildings, 1995**  
(Thousand)

Building Characteristics	All Buildings (thousand)	Buildings by Weekly Operating Hours						RSE Row Factor
		39 or Fewer Hours	40 to 48 Hours	49 to 60 Hours	61 to 84 Hours	85 to 167 Hours	Open Continuously	
RSE Column Factor:	0.5	1.3	0.9	1.0	1.2	1.3	1.1	
<b>All Buildings</b> .....	4,579	899	1,257	969	567	420	466	7.3
<b>Building Floorspace (Square Feet)</b>								
1,001 to 5,000 .....	2,399	565	665	475	241	240	212	10.2
5,001 to 10,000 .....	1,035	219	282	232	139	67	95	15.8
10,001 to 25,000 .....	745	90	214	164	121	67	88	15.0
25,001 to 50,000 .....	213	16	55	59	32	20	30	10.4
50,001 to 100,000 .....	115	6	26	27	19	14	21	11.7
100,001 to 200,000 .....	48	Q	10	8	9	9	10	13.2
200,001 to 500,000 .....	19	Q	2	3	4	2	7	15.2
Over 500,000 .....	6	Q	Q	1	2	*	3	17.8
<b>Principal Building Activity</b>								
Education .....	309	51	127	72	42	11	Q	17.4
Food Sales .....	137	Q	Q	Q	Q	76	Q	20.8
Food Service .....	285	Q	Q	Q	101	113	Q	17.8
Health Care .....	105	Q	42	20	Q	Q	25	32.7
Lodging .....	158	Q	Q	Q	Q	Q	138	16.9
Mercantile and Service .....	1,289	118	343	443	219	109	58	15.1
Office .....	705	64	404	165	32	7	34	18.3
Public Assembly .....	326	124	35	53	53	51	Q	25.3
Public Order and Safety .....	87	Q	5	Q	Q	Q	33	30.6
Religious Worship .....	269	157	36	30	12	Q	Q	24.6
Warehouse and Storage .....	580	128	177	134	32	37	71	22.6
Other .....	67	Q	Q	14	Q	Q	Q	51.5
Vacant .....	261	199	33	Q	Q	Q	Q	23.6
<b>Year Constructed</b>								
1919 or Before .....	353	82	110	75	40	15	31	26.6
1920 to 1945 .....	562	125	184	100	65	49	39	20.1
1946 to 1959 .....	867	194	256	185	126	42	65	16.4
1960 to 1969 .....	718	147	165	149	115	63	79	16.0
1970 to 1979 .....	813	109	194	214	99	116	81	15.2
1980 to 1989 .....	846	155	239	173	74	85	119	15.1
1990 to 1992 .....	218	Q	63	42	24	31	17	30.8
1993 to 1995 .....	202	Q	46	32	24	19	36	34.6
<b>Census Region</b>								
Northeast .....	725	108	172	188	92	81	83	19.3
Midwest .....	1,139	256	334	197	148	98	106	15.8
South .....	1,750	361	484	401	170	160	172	10.7
West .....	964	174	266	183	157	81	105	17.1
<b>Workers (main shift)</b>								
Fewer than 5 .....	2,505	729	598	426	249	225	278	10.5
5 to 9 .....	798	69	278	249	97	55	50	16.9
10 to 19 .....	625	64	193	152	105	67	44	18.6
20 to 49 .....	400	17	134	82	75	45	47	17.9
50 to 99 .....	138	Q	36	35	20	17	19	15.0
100 to 249 .....	71	Q	14	17	15	8	16	14.7
250 or More .....	43	Q	5	8	7	4	11	16.5

See footnotes at end of table.

**Table 14. Weekly Operating Hours, Number of Buildings, 1995 (Continued)**  
(Thousand)

Building Characteristics	All Buildings (thousand)	Buildings by Weekly Operating Hours						RSE Row Factor
		39 or Fewer Hours	40 to 48 Hours	49 to 60 Hours	61 to 84 Hours	85 to 167 Hours	Open Continuously	
RSE Column Factor:	0.5	1.3	0.9	1.0	1.2	1.3	1.1	
<b>Ownership and Occupancy</b>								
Nongovernment Owned .....	4,025	784	1,051	888	515	397	390	7.7
Owner Occupied .....	3,158	576	844	713	382	298	345	8.8
Nonowner Occupied .....	698	54	205	175	128	99	38	19.3
Unoccupied .....	170	154	Q	Q	Q	Q	Q	21.6
Government Owned .....	553	116	205	81	52	23	76	17.7
<b>Energy Sources (more than one may apply)</b>								
Electricity .....	4,343	746	1,254	950	566	407	421	7.2
Natural Gas .....	2,478	343	718	596	365	216	239	9.3
Fuel Oil .....	607	116	162	138	68	44	80	21.2
District Heat .....	110	Q	23	23	12	11	32	32.0
District Chilled Water .....	53	Q	Q	11	8	7	Q	40.2
Propane .....	589	121	157	89	73	75	73	21.6
Other .....	213	Q	47	78	19	21	16	34.7
<b>Energy End Uses (more than one may apply)</b>								
Buildings with Space Heating .....	4,024	620	1,207	907	541	366	385	7.4
Buildings with Cooling .....	3,381	399	1,047	795	446	344	350	7.7
Buildings with Water Heating .....	3,486	466	1,035	742	494	375	375	8.0
Buildings with Cooking .....	828	92	144	104	180	212	96	13.0
Buildings with Manufacturing .....	204	Q	97	49	21	9	8	31.4
Buildings with Electricity Generation .....	247	Q	60	31	29	14	84	22.6
<b>Percent of Floorspace Heated</b>								
Not Heated .....	554	280	50	63	26	54	81	24.2
1 to 50 .....	555	127	193	151	43	22	20	22.0
51 to 99 .....	633	50	171	167	110	64	71	19.1
100 .....	2,836	444	843	588	388	279	294	8.7
<b>Percent of Floorspace Cooled</b>								
Not Cooled .....	1,198	501	210	175	121	76	116	18.0
1 to 50 .....	930	128	300	292	106	43	60	16.4
51 to 99 .....	635	61	142	186	86	79	80	16.6
100 .....	1,816	209	604	316	254	222	210	10.2
<b>Percent Lit when Open</b>								
Zero .....	36	Q	Q	Q	Q	Q	Q	72.3
1 to 50 .....	666	122	203	143	101	20	77	17.6
51 to 99 .....	745	100	258	167	94	68	58	17.4
100 .....	2,814	439	779	635	364	312	285	9.3
Building Not in Use/ Electricity Not Used .....	318	236	Q	Q	Q	Q	45	21.0
<b>Heating Equipment (more than one may apply)</b>								
Heat Pumps .....	394	42	162	78	44	24	44	22.0
Furnaces .....	1,676	283	488	360	267	165	113	12.4
Individual Space Heaters .....	1,188	235	349	303	135	70	96	14.5
District Heat .....	115	Q	24	23	13	12	33	30.6
Boilers .....	610	74	167	145	71	39	113	17.9
Packaged Heating Units .....	1,031	109	324	230	139	122	107	13.0
Other .....	161	Q	50	48	24	12	11	32.4

See footnotes at end of table.

**Table 14. Weekly Operating Hours, Number of Buildings, 1995 (Continued)**  
(Thousand)

Building Characteristics	All Buildings (thousand)	Buildings by Weekly Operating Hours						RSE Row Factor
		39 or Fewer Hours	40 to 48 Hours	49 to 60 Hours	61 to 84 Hours	85 to 167 Hours	Open Continuously	
RSE Column Factor:	0.5	1.3	0.9	1.0	1.2	1.3	1.1	
<b>Cooling Equipment (more than one may apply)</b>								
Residential-Type Central Air Conditioners .....	878	109	281	178	127	99	83	14.8
Heat Pumps .....	457	55	180	87	51	25	59	20.4
Individual Air Conditioners .....	862	111	224	238	102	72	115	15.5
District Chilled Water .....	53	Q	Q	11	8	7	Q	40.2
Central Chillers .....	109	Q	22	19	18	10	30	15.0
Packaged Air Conditioning Units .....	1,431	127	443	331	181	196	152	11.4
Swamp Coolers .....	186	Q	43	47	48	Q	14	35.0
Other .....	18	Q	Q	9	Q	Q	2	37.6
<b>Lighting Equipment Types (more than one may apply)</b>								
Incandescent .....	2,479	424	699	523	333	214	287	9.0
Standard Fluorescent .....	3,885	506	1,188	890	533	392	376	7.6
Compact Fluorescent .....	364	10	72	84	71	63	64	20.5
High-Intensity Discharge .....	393	27	121	91	62	39	52	19.4
Halogen .....	302	25	78	61	45	39	54	24.4
Other .....	30	Q	Q	Q	Q	Q	Q	78.0
<b>Off-Hour Equipment Reduction (more than one may apply)</b>								
Heating .....	3,211	517	1,093	824	474	303	--	7.8
Cooling .....	2,707	345	954	725	396	286	--	8.1
Lighting .....	3,753	654	1,229	924	555	391	--	7.6

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

-- = Data not applicable.

\* = Value rounds to zero in the units displayed.

Notes: • To obtain the RSE percentage for any table cell, multiply the cell's corresponding RSE column and RSE row factors. • See Glossary for explanation of abbreviations and definitions of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-871A of the 1995 Commercial Buildings Energy Consumption Survey.

**Table 15. Weekly Operating Hours, Floorspace, 1995**  
(Million Square Feet)

Building Characteristics	Total Floorspace of All Buildings	Floorspace by Weekly Operating Hours						RSE Row Factor
		39 or Fewer Hours	40 to 48 Hours	49 to 60 Hours	61 to 84 Hours	85 to 167 Hours	Open Continuously	
RSE Column Factor:	0.5	1.4	1.1	1.0	1.1	1.3	0.9	
<b>All Buildings</b> .....	58,772	6,134	13,233	12,242	10,052	6,202	10,908	6.1
<b>Building Floorspace (Square Feet)</b>								
1,001 to 5,000 .....	6,338	1,544	1,701	1,264	653	618	559	10.5
5,001 to 10,000 .....	7,530	1,619	2,033	1,707	1,020	503	647	15.8
10,001 to 25,000 .....	11,617	1,354	3,382	2,562	1,873	1,024	1,422	14.2
25,001 to 50,000 .....	7,676	576	1,981	2,103	1,182	749	1,085	10.7
50,001 to 100,000 .....	7,968	426	1,776	1,897	1,354	988	1,527	11.5
100,001 to 200,000 .....	6,776	Q	1,439	1,181	1,325	1,183	1,453	13.8
200,001 to 500,000 .....	5,553	Q	705	905	1,011	743	2,035	15.7
Over 500,000 .....	5,313	Q	Q	623	1,634	393	2,182	18.8
<b>Principal Building Activity</b>								
Education .....	7,740	589	2,337	1,862	1,678	994	280	13.8
Food Sales .....	642	Q	Q	Q	Q	370	Q	18.4
Food Service .....	1,353	Q	Q	Q	491	509	Q	21.4
Health Care .....	2,333	Q	266	198	Q	Q	1,731	17.7
Lodging .....	3,618	Q	Q	Q	Q	Q	3,339	13.7
Mercantile and Service .....	12,728	361	2,102	3,404	4,092	1,848	922	14.5
Office .....	10,478	226	3,536	3,309	1,481	423	1,502	12.5
Public Assembly .....	3,948	693	441	453	790	1,113	457	19.2
Public Order and Safety .....	1,271	Q	156	Q	Q	Q	643	26.1
Religious Worship .....	2,792	1,249	589	467	223	Q	Q	20.5
Warehouse and Storage .....	8,481	782	3,242	1,930	671	596	1,260	16.5
Other .....	1,004	Q	Q	250	Q	Q	229	36.2
Vacant .....	2,384	1,805	266	Q	Q	Q	Q	21.7
<b>Year Constructed</b>								
1919 or Before .....	3,673	711	864	843	445	360	449	21.7
1920 to 1945 .....	6,710	979	2,300	1,093	824	486	1,028	18.3
1946 to 1959 .....	9,298	1,271	2,730	2,034	1,327	719	1,217	13.9
1960 to 1969 .....	10,858	1,000	1,859	2,196	2,273	1,170	2,360	12.7
1970 to 1979 .....	11,333	798	2,047	2,393	2,271	1,628	2,197	11.5
1980 to 1989 .....	12,252	978	2,484	2,693	2,218	1,272	2,607	11.4
1990 to 1992 .....	2,590	Q	512	663	339	311	546	18.6
1993 to 1995 .....	2,059	Q	439	326	356	256	504	21.0
<b>Census Region</b>								
Northeast .....	11,883	1,119	2,168	2,482	2,111	1,411	2,592	14.1
Midwest .....	14,322	1,601	3,520	2,378	2,626	1,633	2,564	10.9
South .....	20,830	2,311	4,912	4,786	3,276	1,804	3,740	9.0
West .....	11,736	1,103	2,633	2,596	2,040	1,353	2,012	13.1
<b>Workers (main shift)</b>								
Fewer than 5 .....	13,885	4,539	3,185	2,288	1,241	1,136	1,496	12.3
5 to 9 .....	6,291	357	2,255	1,678	903	387	711	16.0
10 to 19 .....	7,102	513	2,221	1,752	1,163	705	748	15.2
20 to 49 .....	9,132	360	2,504	2,006	1,736	1,100	1,426	13.3
50 to 99 .....	6,931	Q	1,530	1,633	1,174	1,066	1,352	12.5
100 to 249 .....	5,988	Q	879	1,208	1,462	939	1,438	13.6
250 or More .....	9,443	Q	659	1,678	2,373	868	3,738	14.0

See footnotes at end of table.

**Table 15. Weekly Operating Hours, Floorspace, 1995 (Continued)**  
(Million Square Feet)

Building Characteristics	Total Floorspace of All Buildings	Floorspace by Weekly Operating Hours						RSE Row Factor
		39 or Fewer Hours	40 to 48 Hours	49 to 60 Hours	61 to 84 Hours	85 to 167 Hours	Open Continuously	
RSE Column Factor:	0.5	1.4	1.1	1.0	1.1	1.3	0.9	
<b>Ownership and Occupancy</b>								
Nongovernment Owned .....	46,696	5,051	10,034	10,106	8,116	4,925	8,465	6.5
Owner Occupied .....	35,573	3,373	7,677	7,388	6,087	3,508	7,539	7.2
Nonowner Occupied .....	9,697	359	2,331	2,695	2,019	1,416	877	13.8
Unoccupied .....	1,426	1,319	Q	Q	Q	Q	Q	26.7
Government Owned .....	12,076	1,084	3,199	2,136	1,937	1,277	2,443	11.6
<b>Energy Sources (more than one may apply)</b>								
Electricity .....	57,076	4,932	13,142	12,134	10,021	6,159	10,688	6.0
Natural Gas .....	38,145	2,657	8,541	8,002	7,048	3,966	7,931	7.4
Fuel Oil .....	14,421	710	1,953	2,790	2,785	1,502	4,682	11.8
District Heat .....	5,658	Q	762	970	628	840	2,320	17.5
District Chilled Water .....	2,521	Q	350	409	381	395	919	22.6
Propane .....	5,344	644	1,279	931	944	627	919	18.9
Other .....	2,336	Q	552	724	226	322	327	23.0
<b>Energy End Uses (more than one may apply)</b>								
Buildings with Space Heating .....	54,347	4,032	12,672	11,658	9,635	5,880	10,469	6.3
Buildings with Cooling .....	49,935	2,845	11,401	10,897	9,212	5,644	9,936	6.5
Buildings with Water Heating .....	51,560	3,290	11,585	10,765	9,535	5,928	10,457	6.5
Buildings with Cooking .....	20,713	872	2,806	3,379	5,017	3,064	5,575	8.7
Buildings with Manufacturing .....	3,893	Q	1,237	922	592	301	671	19.8
Buildings with Electricity Generation .....	13,366	271	1,578	2,041	2,764	1,374	5,338	12.8
<b>Percent of Floorspace Heated</b>								
Not Heated .....	4,425	2,102	561	584	417	322	439	24.6
1 to 50 .....	6,227	683	2,452	1,454	692	389	558	18.6
51 to 99 .....	8,868	351	1,714	2,163	1,822	888	1,931	15.3
100 .....	39,252	2,999	8,506	8,041	7,122	4,604	7,980	6.8
<b>Percent of Floorspace Cooled</b>								
Not Cooled .....	8,837	3,289	1,832	1,345	840	558	973	15.8
1 to 50 .....	15,027	990	4,714	3,925	2,143	1,298	1,958	12.3
51 to 99 .....	12,549	421	1,931	2,775	2,812	1,363	3,246	12.1
100 .....	22,359	1,434	4,756	4,197	4,258	2,983	4,732	8.6
<b>Percent Lit when Open</b>								
Zero .....	189	Q	Q	Q	Q	Q	Q	52.6
1 to 50 .....	6,008	890	1,827	1,523	752	332	684	16.5
51 to 99 .....	9,692	642	2,734	1,934	1,733	1,068	1,580	13.0
100 .....	40,514	2,692	8,507	8,654	7,507	4,730	8,424	7.2
Building Not in Use/ Electricity Not Used .....	2,369	1,875	Q	Q	Q	Q	220	22.4
<b>Heating Equipment (more than one may apply)</b>								
Heat Pumps .....	5,843	201	1,568	1,121	1,161	322	1,470	14.3
Furnaces .....	14,923	1,776	3,844	3,381	2,359	1,409	2,155	10.9
Individual Space Heaters .....	16,809	1,357	4,025	3,622	2,975	1,522	3,307	11.2
District Heat .....	5,911	Q	792	996	676	908	2,399	17.5
Boilers .....	16,754	919	3,304	3,566	3,078	1,757	4,130	9.5
Packaged Heating Units .....	16,893	682	3,815	3,369	3,280	2,386	3,360	9.1
Other .....	6,249	Q	762	1,342	1,536	684	1,765	18.0

See footnotes at end of table.

**Table 15. Weekly Operating Hours, Floorspace, 1995 (Continued)**  
(Million Square Feet)

Building Characteristics	Total Floorspace of All Buildings	Floorspace by Weekly Operating Hours						RSE Row Factor
		39 or Fewer Hours	40 to 48 Hours	49 to 60 Hours	61 to 84 Hours	85 to 167 Hours	Open Continuously	
RSE Column Factor:	0.5	1.4	1.1	1.0	1.1	1.3	0.9	
<b>Cooling Equipment (more than one may apply)</b>								
Residential-Type Central								
Air Conditioners .....	9,238	761	2,294	1,916	1,460	819	1,988	12.2
Heat Pumps .....	6,931	270	1,782	1,392	1,291	442	1,754	13.8
Individual Air Conditioners .....	12,494	683	2,578	2,781	1,868	1,157	3,427	11.7
District Chilled Water .....	2,521	Q	350	409	381	395	919	22.6
Central Chillers .....	11,065	276	1,349	1,969	2,399	1,199	3,873	12.9
Packaged Air Conditioning								
Units .....	26,628	1,000	5,760	5,679	5,127	3,644	5,418	8.4
Swamp Coolers .....	2,451	Q	501	488	374	259	655	27.6
Other .....	949	Q	Q	299	Q	Q	285	34.0
<b>Lighting Equipment Types (more than one may apply)</b>								
Incandescent .....	35,715	2,795	7,377	7,053	6,664	3,776	8,049	7.2
Standard Fluorescent .....	53,984	3,358	12,651	11,712	9,851	6,081	10,332	6.3
Compact Fluorescent .....	14,273	171	1,650	2,764	3,516	1,709	4,464	12.3
High-Intensity Discharge .....	16,259	432	2,961	3,000	3,521	2,052	4,293	11.2
Halogen .....	9,665	280	1,216	1,597	2,546	1,200	2,827	14.7
Other .....	554	Q	Q	Q	Q	Q	Q	75.4
<b>Off-Hour Equipment Reduction (more than one may apply)</b>								
Heating .....	38,326	3,340	11,083	10,592	8,293	5,017	--	6.9
Cooling .....	35,605	2,448	10,156	10,068	8,063	4,871	--	7.0
Lighting .....	44,937	4,123	12,953	11,939	9,951	5,970	--	6.3

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

-- = Data not applicable.

Notes: • To obtain the RSE percentage for any table cell, multiply the cell's corresponding RSE column and RSE row factors. • See Glossary for explanation of abbreviations and definitions of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-871A of the 1995 Commercial Buildings Energy Consumption Survey.

**Table 16. Occupancy of Nongovernment-Owned and Government-Owned Buildings, Number of Buildings, 1995**  
(Thousand)

Building Characteristics	All Buildings	Nongovernment-Owned Buildings				Government-Owned Buildings				RSE Row Factor
		All Nongovernment-Owned Buildings	Owner Occupied	Nonowner Occupied	Unoccupied	All Government-Owned Buildings	Federal	State	Local	
RSE Column Factor:	0.5	0.5	0.6	1.0	1.7	0.9	2.2	1.7	1.2	
<b>All Buildings</b> .....	4,579	4,025	3,158	698	170	553	76	99	379	9.2
<b>Building Floorspace (Square Feet)</b>										
1,001 to 5,000 .....	2,399	2,176	1,746	325	105	223	Q	Q	152	12.2
5,001 to 10,000 .....	1,035	909	704	163	Q	125	Q	22	81	17.6
10,001 to 25,000 .....	745	646	503	126	Q	98	7	19	72	15.2
25,001 to 50,000 .....	213	158	109	47	Q	55	Q	11	40	12.0
50,001 to 100,000 .....	115	83	58	24	Q	32	3	7	22	12.0
100,001 to 200,000 .....	48	35	24	10	Q	13	2	4	7	13.7
200,001 to 500,000 .....	19	13	10	3	Q	6	1	2	3	16.3
Over 500,000 .....	6	4	4	*	Q	1	1	*	Q	21.7
<b>Principal Building Activity</b>										
Education .....	309	127	119	Q	--	182	Q	43	135	20.2
Food Sales .....	137	137	113	Q	--	Q	Q	Q	Q	28.4
Food Service .....	285	279	231	48	--	Q	Q	Q	Q	23.9
Health Care .....	105	86	61	Q	--	19	1	Q	Q	36.3
Lodging .....	158	153	129	24	--	6	Q	4	Q	23.6
Mercantile and Service .....	1,289	1,234	942	292	--	55	Q	Q	42	18.5
Office .....	705	650	541	109	--	55	9	7	39	17.5
Public Assembly .....	326	247	220	27	--	79	Q	6	66	25.2
Public Order and Safety .....	87	Q	Q	Q	--	60	Q	4	50	35.4
Religious Worship .....	269	269	267	Q	--	Q	Q	Q	Q	24.0
Warehouse and Storage .....	580	533	414	119	--	47	Q	Q	30	25.9
Other .....	67	49	47	Q	--	18	Q	Q	Q	56.7
Vacant .....	261	234	51	14	170	27	Q	Q	Q	27.9
<b>Year Constructed</b>										
1919 or Before .....	353	321	257	56	Q	32	Q	Q	11	30.7
1920 to 1945 .....	562	474	374	43	56	88	22	Q	48	21.8
1946 to 1959 .....	867	729	564	125	40	138	Q	32	97	18.1
1960 to 1969 .....	718	625	486	118	Q	94	8	18	68	16.7
1970 to 1979 .....	813	716	555	138	23	96	Q	18	70	17.2
1980 to 1989 .....	846	775	600	160	Q	71	4	9	58	16.5
1990 to 1992 .....	218	200	164	29	Q	18	Q	Q	16	32.0
1993 to 1995 .....	202	186	157	29	Q	16	Q	Q	10	37.9
<b>Floors</b>										
One .....	3,018	2,655	2,036	491	128	363	57	55	250	11.7
Two .....	1,002	888	729	135	24	114	Q	23	81	16.7
Three .....	399	353	289	51	Q	46	5	10	31	19.7
Four to Nine .....	148	119	96	19	Q	29	3	10	16	22.4
Ten or More .....	12	11	8	2	Q	1	Q	1	Q	24.0
<b>Census Region</b>										
Northeast .....	725	629	542	79	Q	97	Q	12	68	18.8
Midwest .....	1,139	1,043	843	146	54	97	19	13	65	19.3
South .....	1,750	1,556	1,224	260	72	193	21	42	131	14.2
West .....	964	798	548	213	36	166	19	33	115	18.6

See footnotes at end of table.

**Table 16. Occupancy of Nongovernment-Owned and Government-Owned Buildings, Number of Buildings, 1995 (Continued)**  
(Thousand)

Building Characteristics	All Buildings	Nongovernment-Owned Buildings				Government-Owned Buildings				RSE Row Factor
		All Nongovernment-Owned Buildings	Owner Occupied	Nonowner Occupied	Unoccupied	All Government-Owned Buildings	Federal	State	Local	
RSE Column Factor:	0.5	0.5	0.6	1.0	1.7	0.9	2.2	1.7	1.2	
<b>Climate Zone: 45-Year Average</b>										
Fewer than 2,000 CDD and --										
More than 7,000 HDD .....	493	455	393	60	Q	39	Q	Q	29	35.4
5,500 to 7,000 HDD .....	975	859	691	131	37	116	Q	10	95	16.4
4,000 to 5,499 HDD .....	1,070	943	774	130	38	127	Q	27	71	27.1
Fewer than 4,000 HDD .....	1,103	952	694	212	46	151	16	29	106	19.1
More than 2,000 CDD and --										
Fewer than 4,000 HDD .....	937	817	605	165	46	121	Q	28	77	20.9
<b>Workers (main shift)</b>										
Fewer than 5 .....	2,505	2,317	1,801	348	168	188	Q	37	118	13.4
5 to 9 .....	798	692	598	93	Q	106	Q	15	76	19.1
10 to 19 .....	625	509	410	99	Q	115	Q	14	93	20.8
20 to 49 .....	400	324	220	104	Q	76	9	16	51	16.4
50 to 99 .....	138	96	66	30	Q	42	Q	7	29	16.5
100 to 249 .....	71	53	37	17	Q	18	3	7	8	15.7
250 or More .....	43	34	27	7	Q	9	2	3	4	22.6
<b>Weekly Operating Hours</b>										
39 or Fewer .....	899	784	576	54	154	116	Q	Q	95	20.2
40 to 48 .....	1,257	1,051	844	205	Q	205	22	32	152	14.3
49 to 60 .....	969	888	713	175	Q	81	11	12	58	17.8
61 to 84 .....	567	515	382	128	Q	52	Q	14	34	21.0
85 to 167 .....	420	397	298	99	Q	23	Q	5	17	21.1
Open Continuously .....	466	390	345	38	Q	76	31	22	23	21.2
<b>Space in Building Vacant for at Least Three Consecutive Months</b>										
Yes .....	787	712	349	206	157	75	Q	14	43	17.8
No .....	3,791	3,313	2,808	492	Q	478	57	85	336	9.9
<b>Number of Establishments</b>										
One .....	3,712	3,205	2,738	467	--	506	63	89	354	9.6
2 to 5 .....	530	507	364	143	--	24	3	2	19	21.9
6 to 10 .....	91	86	33	53	--	Q	Q	Q	Q	30.0
11 to 20 .....	28	28	11	17	--	Q	Q	Q	Q	17.8
More than 20 .....	31	31	12	18	--	Q	Q	Q	Q	46.9
Currently Unoccupied .....	187	170	--	--	170	Q	Q	Q	Q	22.6
<b>Multibuilding Facility</b>										
Part of Multibuilding Facility .....	1,480	1,090	842	201	47	390	63	93	234	13.4
Not on Multibuilding Facility .....	3,099	2,936	2,316	498	122	163	12	7	145	11.4
<b>Predominant Exterior Wall Material</b>										
Masonry .....	3,061	2,671	2,052	519	99	390	49	75	267	11.2
Siding or Shingles .....	639	571	489	56	Q	68	Q	Q	49	25.8
Metal Panels .....	662	591	487	81	Q	71	Q	Q	55	20.6
Concrete Panels .....	106	92	48	32	Q	14	Q	4	6	28.7
Window Glass .....	46	43	36	7	Q	3	Q	Q	Q	49.5
Other .....	50	43	34	Q	Q	Q	Q	Q	Q	64.5
No One Major Type .....	15	Q	Q	Q	Q	Q	Q	Q	Q	99.6

See footnotes at end of table.

**Table 16. Occupancy of Nongovernment-Owned and Government-Owned Buildings, Number of Buildings, 1995 (Continued)**  
(Thousand)

Building Characteristics	All Buildings	Nongovernment-Owned Buildings				Government-Owned Buildings				RSE Row Factor
		All Nongovernment-Owned Buildings	Owner Occupied	Nonowner Occupied	Unoccupied	All Government-Owned Buildings	Federal	State	Local	
RSE Column Factor:	0.5	0.5	0.6	1.0	1.7	0.9	2.2	1.7	1.2	
<b>Predominant Roof Material</b>										
Built-Up .....	1,369	1,177	838	273	66	192	26	46	120	13.9
Shingles (Not Wood) .....	1,486	1,381	1,188	170	Q	106	Q	Q	62	15.1
Metal Surfacing .....	908	821	667	106	48	87	Q	Q	68	17.7
Synthetic or Rubber .....	351	274	221	51	Q	77	3	12	62	20.9
Slate or Tile .....	202	158	116	41	Q	44	Q	Q	22	34.2
Wooden Materials .....	152	129	92	Q	Q	Q	Q	Q	Q	44.4
Concrete .....	58	42	18	Q	Q	Q	Q	Q	Q	59.9
Other .....	36	27	Q	Q	Q	Q	Q	Q	Q	85.1
No One Major Type .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	100.0
<b>Energy Sources (more than one may apply)</b>										
Electricity .....	4,343	3,810	3,062	669	79	533	66	92	376	9.3
Natural Gas .....	2,478	2,190	1,750	413	Q	288	21	43	224	10.9
Fuel Oil .....	607	509	453	54	Q	98	Q	19	54	24.3
District Heat .....	110	50	44	Q	Q	60	Q	23	Q	30.9
District Chilled Water .....	53	19	14	Q	Q	34	Q	13	Q	43.7
Propane .....	589	510	434	75	Q	79	Q	Q	66	24.6
Other .....	213	186	161	26	Q	26	Q	Q	15	36.0
<b>Energy End Uses (more than one may apply)</b>										
Buildings with Space Heating ....	4,024	3,527	2,867	623	37	498	69	89	340	9.8
Buildings with Cooling .....	3,381	2,993	2,402	569	Q	388	67	74	247	9.3
Buildings with Water Heating ....	3,486	3,054	2,452	572	30	432	53	80	298	10.5
Buildings with Cooking .....	828	737	592	139	Q	91	4	14	73	13.2
Buildings with Manufacturing ....	204	188	149	32	Q	Q	Q	Q	Q	35.2
Buildings with Electricity Generation .....	247	167	149	18	Q	79	Q	16	47	27.9
<b>Percent of Floorspace Heated</b>										
Not Heated .....	554	498	291	75	132	56	Q	Q	38	22.7
1 to 50 .....	555	528	397	122	Q	27	Q	Q	14	25.7
51 to 99 .....	633	553	452	101	Q	80	Q	13	62	21.2
100 .....	2,836	2,446	2,018	400	Q	391	57	68	265	9.8
<b>Percent of Floorspace Cooled</b>										
Not Cooled .....	1,198	1,033	755	129	148	165	Q	25	132	18.6
1 to 50 .....	930	806	606	192	Q	124	33	21	70	16.0
51 to 99 .....	635	556	474	81	Q	80	Q	17	52	20.4
100 .....	1,816	1,631	1,322	295	Q	185	24	36	125	12.0
<b>Percent Lit when Open</b>										
Zero .....	36	36	28	Q	Q	Q	Q	Q	Q	78.0
1 to 50 .....	666	608	523	85	Q	58	Q	Q	43	21.1
51 to 99 .....	745	650	517	133	Q	95	Q	16	69	23.3
100 .....	2,814	2,435	1,970	451	Q	379	45	70	263	10.5
Building Not in Use/ Electricity Not Used .....	318	296	120	30	146	Q	Q	Q	Q	28.3

See footnotes at end of table.

**Table 16. Occupancy of Nongovernment-Owned and Government-Owned Buildings, Number of Buildings, 1995 (Continued)**  
(Thousand)

Building Characteristics	All Buildings	Nongovernment-Owned Buildings				Government-Owned Buildings				RSE Row Factor
		All Nongovernment-Owned Buildings	Owner Occupied	Nonowner Occupied	Unoccupied	All Government-Owned Buildings	Federal	State	Local	
RSE Column Factor:	0.5	0.5	0.6	1.0	1.7	0.9	2.2	1.7	1.2	
<b>Heating Equipment (more than one may apply)</b>										
Heat Pumps .....	394	341	288	53	Q	53	Q	Q	28	23.0
Furnaces .....	1,676	1,555	1,280	260	Q	121	Q	Q	100	13.4
Individual Space Heaters .....	1,188	1,052	889	149	Q	136	19	16	101	17.4
District Heat .....	115	53	45	7	Q	62	19	23	Q	30.8
Boilers .....	610	452	402	48	Q	158	Q	29	111	19.2
Packaged Heating Units .....	1,031	910	672	224	Q	121	4	22	96	15.1
Other .....	161	144	125	19	Q	17	Q	4	13	38.3
<b>Cooling Equipment (more than one may apply)</b>										
Residential-Type Central										
Air Conditioners .....	878	820	680	139	Q	58	Q	Q	42	17.5
Heat Pumps .....	457	399	333	67	Q	58	Q	Q	33	22.0
Individual Air Conditioners .....	862	732	606	125	Q	129	Q	29	82	16.6
District Chilled Water .....	53	19	14	Q	Q	34	Q	13	Q	43.7
Central Chillers .....	109	72	61	11	Q	37	5	11	21	16.4
Packaged Air Conditioning										
Units .....	1,431	1,273	972	281	Q	159	22	22	115	13.4
Swamp Coolers .....	186	174	114	60	Q	11	Q	Q	9	39.5
Other .....	18	14	10	4	Q	4	Q	Q	Q	40.4
<b>Lighting Equipment Types (more than one may apply)</b>										
Incandescent .....	2,479	2,210	1,857	340	Q	269	36	48	186	11.8
Standard Fluorescent .....	3,885	3,391	2,753	630	Q	494	65	84	344	8.9
Compact Fluorescent .....	364	309	256	53	Q	55	7	17	31	19.4
High-Intensity Discharge .....	393	318	275	42	Q	75	8	13	54	19.1
Halogen .....	302	272	214	59	Q	30	2	2	26	23.5
Other .....	30	22	21	Q	Q	Q	Q	Q	Q	88.1
<b>Personal Computers and/or Computer Terminals</b>										
None .....	2,039	1,872	1,431	273	168	167	Q	20	125	13.9
1 to 4 .....	1,408	1,268	1,045	222	Q	140	Q	34	80	15.5
5 to 9 .....	437	377	291	85	Q	61	Q	4	54	22.0
10 to 19 .....	344	278	234	45	Q	65	Q	11	40	24.2
20 to 49 .....	198	133	92	41	Q	65	4	13	48	20.6
50 to 99 .....	81	53	32	21	Q	28	Q	7	18	18.7
100 to 249 .....	46	25	18	7	Q	21	2	8	11	17.5
250 or More .....	26	19	15	5	Q	7	2	2	3	19.5
<b>Energy-Related Space Functions (more than one may apply)</b>										
Commercial Food Preparation ...	828	737	592	139	Q	91	4	14	73	13.2
Computer Room .....	234	180	136	44	Q	54	13	7	35	21.3
Activities with Large Amounts of Hot Water .....	243	227	199	28	Q	17	Q	5	10	22.3

See footnotes at end of table.

**Table 16. Occupancy of Nongovernment-Owned and Government-Owned Buildings, Number of Buildings, 1995 (Continued)**  
(Thousand)

Building Characteristics	All Buildings	Nongovernment-Owned Buildings				Government-Owned Buildings				RSE Row Factor
		All Nongovernment-Owned Buildings	Owner Occupied	Nonowner Occupied	Unoccupied	All Government-Owned Buildings	Federal	State	Local	
RSE Column Factor:	0.5	0.5	0.6	1.0	1.7	0.9	2.2	1.7	1.2	
<b>Building Shell Conservation Features (more than one may apply)</b>										
Roof or Ceiling Insulation .....	3,380	2,975	2,434	494	47	406	59	65	281	10.4
Wall Insulation .....	2,372	2,123	1,785	304	34	249	31	36	182	12.2
Storm or Multiple Glazing .....	1,897	1,703	1,466	212	25	194	44	22	128	13.9
Tinted, Reflective or Shading Glass .....	1,202	1,070	856	208	6	132	19	26	87	14.5
Exterior or Interior Shading or Awnings .....	2,271	1,976	1,563	395	19	295	53	61	181	12.1
<b>HVAC Conservation Features (more than one may apply)</b>										
Variable Air-Volume System .....	327	247	209	38	Q	80	Q	14	50	20.4
Economizer Cycle .....	461	379	319	53	Q	82	16	17	49	17.8
HVAC Maintenance .....	2,403	2,016	1,630	379	Q	386	49	72	265	10.7
Other Energy Efficient Equipment .....	198	134	115	19	Q	64	Q	5	53	28.2
<b>Lighting Conservation Features (more than one may apply)</b>										
Specular Reflectors .....	749	634	509	125	Q	115	21	12	82	18.4
Energy-Efficient Ballasts .....	1,363	1,110	948	162	Q	253	41	57	155	13.7
Natural Lighting Control Sensors .....	237	202	165	37	Q	35	Q	4	24	27.3
Occupancy Sensors .....	131	109	95	14	Q	22	4	4	14	25.5
Time Clock .....	467	389	309	80	Q	79	Q	5	63	20.7
Manual Dimmer Switches .....	501	462	412	50	Q	39	Q	4	24	17.7
Other .....	79	65	53	Q	Q	14	Q	Q	Q	44.3
<b>Energy Conservation Features (more than one may apply)</b>										
Any Conservation Features .....	4,075	3,584	2,868	636	80	491	69	88	334	9.2
Building Shell .....	3,906	3,437	2,762	595	80	469	69	82	318	9.4
HVAC .....	2,529	2,133	1,735	390	Q	396	49	74	272	10.3
Lighting .....	2,084	1,768	1,481	287	Q	316	51	59	207	11.3
<b>Off-Hour Equipment Reduction (more than one may apply)</b>										
Heating .....	3,211	2,846	2,292	539	Q	365	22	58	284	10.4
Cooling .....	2,707	2,438	1,932	498	Q	269	23	47	199	10.6
Lighting .....	3,753	3,307	2,669	630	Q	446	38	69	339	9.6

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

-- = Data not applicable.

\* = Value rounds to zero in the units displayed.

Notes: • To obtain the RSE percentage for any table cell, multiply the cell's corresponding RSE column and RSE row factors. • See Glossary for explanation of abbreviations and definitions of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-871A of the 1995 Commercial Buildings Energy Consumption Survey.

**Table 17. Occupancy of Nongovernment-Owned and Government-Owned Buildings, Floorspace, 1995**  
(Million Square Feet)

Building Characteristics	All Buildings	Nongovernment-Owned Buildings				Government-Owned Buildings				RSE Row Factor
		All Nongovernment-Owned Buildings	Owner Occupied	Nonowner Occupied	Unoccupied	All Government-Owned Buildings	Federal	State	Local	
RSE Column Factor:	0.5	0.5	0.6	1.0	2.1	0.8	2.4	1.4	1.2	
<b>All Buildings</b> .....	58,772	46,696	35,573	9,697	1,426	12,076	1,752	2,851	7,473	7.7
<b>Building Floorspace (Square Feet)</b>										
1,001 to 5,000 .....	6,338	5,709	4,652	787	270	630	Q	Q	460	12.7
5,001 to 10,000 .....	7,530	6,606	5,118	1,189	Q	924	Q	158	597	18.4
10,001 to 25,000 .....	11,617	10,071	7,863	1,944	Q	1,546	111	309	1,126	14.7
25,001 to 50,000 .....	7,676	5,653	3,910	1,665	Q	2,023	Q	388	1,499	12.8
50,001 to 100,000 .....	7,968	5,757	4,000	1,670	Q	2,211	243	467	1,501	12.2
100,001 to 200,000 .....	6,776	4,929	3,426	1,404	Q	1,847	263	598	986	14.4
200,001 to 500,000 .....	5,553	3,867	2,989	797	Q	1,685	201	562	923	16.8
Over 500,000 .....	5,313	4,104	3,615	242	Q	1,209	541	287	Q	22.5
<b>Principal Building Activity</b>										
Education .....	7,740	2,531	2,397	Q	--	5,210	Q	913	4,191	13.6
Food Sales .....	642	642	535	Q	--	Q	Q	Q	Q	24.2
Food Service .....	1,353	1,275	1,127	149	--	Q	Q	Q	Q	26.9
Health Care .....	2,333	1,815	1,606	Q	--	518	129	Q	249	17.3
Lodging .....	3,618	3,268	2,980	288	--	350	Q	196	Q	21.8
Mercantile and Service .....	12,728	11,858	8,213	3,646	--	869	413	Q	325	17.3
Office .....	10,478	9,183	6,908	2,275	--	1,295	473	414	409	13.3
Public Assembly .....	3,948	2,397	2,161	236	--	1,551	Q	501	954	21.0
Public Order and Safety .....	1,271	Q	Q	Q	--	1,054	Q	193	829	25.9
Religious Worship .....	2,792	2,792	2,769	Q	--	Q	Q	Q	Q	18.8
Warehouse and Storage .....	8,481	7,836	5,425	2,411	--	645	Q	Q	365	23.1
Other .....	1,004	731	674	Q	--	272	Q	Q	Q	44.5
Vacant .....	2,384	2,151	583	141	1,426	232	Q	Q	Q	28.1
<b>Year Constructed</b>										
1919 or Before .....	3,673	3,021	2,615	342	Q	652	Q	Q	379	22.2
1920 to 1945 .....	6,710	5,039	3,885	622	531	1,671	360	507	804	18.7
1946 to 1959 .....	9,298	6,662	5,207	1,247	207	2,636	401	497	1,738	15.0
1960 to 1969 .....	10,858	8,084	6,341	1,496	Q	2,774	407	681	1,686	13.3
1970 to 1979 .....	11,333	9,143	6,794	2,195	154	2,190	Q	582	1,450	12.3
1980 to 1989 .....	12,252	10,977	7,731	3,042	Q	1,275	129	330	815	13.2
1990 to 1992 .....	2,590	2,170	1,661	493	Q	420	Q	Q	258	20.1
1993 to 1995 .....	2,059	1,602	1,338	260	Q	457	Q	Q	343	24.4
<b>Floors</b>										
One .....	24,552	20,615	14,220	5,565	830	3,937	505	482	2,950	11.1
Two .....	14,122	11,510	9,147	2,114	249	2,612	Q	595	1,884	12.5
Three .....	7,335	5,354	4,530	709	Q	1,981	246	486	1,249	15.2
Four to Nine .....	8,789	5,882	4,939	844	Q	2,907	626	1,139	1,142	13.8
Ten or More .....	3,975	3,336	2,736	465	Q	639	Q	148	Q	22.1
<b>Census Region</b>										
Northeast .....	11,883	8,946	6,972	1,622	Q	2,937	398	758	1,781	15.4
Midwest .....	14,322	11,414	9,403	1,644	366	2,909	406	834	1,669	13.9
South .....	20,830	17,056	12,664	3,841	551	3,774	451	741	2,582	12.1
West .....	11,736	9,280	6,533	2,590	157	2,456	Q	518	1,442	15.9

See footnotes at end of table.

**Table 17. Occupancy of Nongovernment-Owned and Government-Owned Buildings, Floorspace, 1995 (Continued)**  
(Million Square Feet)

Building Characteristics	All Buildings	Nongovernment-Owned Buildings				Government-Owned Buildings				RSE Row Factor
		All Nongovernment-Owned Buildings	Owner Occupied	Nonowner Occupied	Unoccupied	All Government-Owned Buildings	Federal	State	Local	
RSE Column Factor:	0.5	0.5	0.6	1.0	2.1	0.8	2.4	1.4	1.2	
<b>Climate Zone: 45-Year Average</b>										
Fewer than 2,000 CDD and --										
More than 7,000 HDD .....	5,098	4,013	3,362	627	Q	1,084	Q	293	685	22.8
5,500 to 7,000 HDD .....	14,597	11,271	9,088	1,887	296	3,326	Q	692	2,242	15.5
4,000 to 5,499 HDD .....	15,155	11,717	8,930	2,297	490	3,439	776	977	1,686	15.6
Fewer than 4,000 HDD .....	13,491	11,144	7,952	2,929	263	2,347	227	512	1,608	16.7
More than 2,000 CDD and --										
Fewer than 4,000 HDD .....	10,430	8,551	6,241	1,957	354	1,879	251	376	1,252	18.4
<b>Workers (main shift)</b>										
Fewer than 5 .....	13,885	12,588	9,406	1,807	1,375	1,298	Q	237	914	15.1
5 to 9 .....	6,291	5,466	4,739	722	Q	825	Q	164	587	18.2
10 to 19 .....	7,102	5,932	4,545	1,383	Q	1,170	Q	291	774	16.1
20 to 49 .....	9,132	6,735	4,667	2,068	Q	2,397	197	461	1,738	13.0
50 to 99 .....	6,931	4,604	3,145	1,459	Q	2,327	Q	494	1,587	13.4
100 to 249 .....	5,988	4,208	2,945	1,263	Q	1,780	214	588	979	14.1
250 or More .....	9,443	7,164	6,126	996	Q	2,279	770	615	894	15.1
<b>Weekly Operating Hours</b>										
39 or Fewer .....	6,134	5,051	3,373	359	1,319	1,084	Q	Q	850	18.4
40 to 48 .....	13,233	10,034	7,677	2,331	Q	3,199	412	512	2,275	13.5
49 to 60 .....	12,242	10,106	7,388	2,695	Q	2,136	373	413	1,349	13.3
61 to 84 .....	10,052	8,116	6,087	2,019	Q	1,937	Q	466	1,388	13.6
85 to 167 .....	6,202	4,925	3,508	1,416	Q	1,277	Q	534	562	16.0
Open Continuously .....	10,908	8,465	7,539	877	Q	2,443	618	776	1,049	12.9
<b>Space in Building Vacant for at Least Three Consecutive Months</b>										
Yes .....	15,844	13,779	8,468	3,909	1,402	2,065	373	474	1,219	12.5
No .....	42,928	32,917	27,105	5,788	Q	10,010	1,379	2,377	6,254	8.2
<b>Number of Establishments</b>										
One .....	41,057	30,544	26,405	4,139	--	10,513	1,375	2,349	6,789	8.3
2 to 5 .....	7,325	6,443	4,171	2,271	--	882	219	208	456	16.9
6 to 10 .....	2,672	2,521	1,088	1,433	--	Q	Q	Q	Q	20.6
11 to 20 .....	2,228	2,160	996	1,164	--	Q	Q	Q	Q	17.2
More than 20 .....	3,943	3,602	2,913	690	--	Q	Q	Q	Q	20.0
Currently Unoccupied .....	1,548	1,426	--	--	1,426	Q	Q	Q	Q	27.4
<b>Multibuilding Facility</b>										
Part of Multibuilding Facility .....	24,352	16,541	12,524	3,510	507	7,811	1,391	2,240	4,179	10.3
Not on Multibuilding Facility .....	34,420	30,155	23,048	6,187	919	4,265	360	611	3,294	9.5
<b>Predominant Exterior Wall Material</b>										
Masonry .....	42,958	33,050	24,858	7,128	1,064	9,908	1,312	2,339	6,257	9.1
Siding or Shingles .....	3,243	2,832	2,480	272	Q	411	Q	Q	250	25.9
Metal Panels .....	5,694	5,097	4,248	688	Q	597	Q	Q	465	17.4
Concrete Panels .....	4,069	3,239	2,088	1,077	Q	830	191	288	351	19.5
Window Glass .....	1,755	1,533	1,229	300	Q	222	Q	Q	Q	25.0
Other .....	660	602	474	Q	Q	Q	Q	Q	Q	29.7
No One Major Type .....	393	344	194	Q	Q	Q	Q	Q	Q	68.0

See footnotes at end of table.

**Table 17. Occupancy of Nongovernment-Owned and Government-Owned Buildings, Floorspace, 1995 (Continued)**  
(Million Square Feet)

Building Characteristics	All Buildings	Nongovernment-Owned Buildings				Government-Owned Buildings				RSE Row Factor
		All Nongovernment-Owned Buildings	Owner Occupied	Nonowner Occupied	Unoccupied	All Government-Owned Buildings	Federal	State	Local	
RSE Column Factor:	0.5	0.5	0.6	1.0	2.1	0.8	2.4	1.4	1.2	
<b>Predominant Roof Material</b>										
Built-Up .....	24,481	18,795	13,202	4,960	634	5,686	891	1,643	3,151	10.3
Shingles (Not Wood) .....	11,093	9,866	8,332	1,245	Q	1,227	Q	Q	858	14.0
Metal Surfacing .....	7,941	6,951	5,392	1,276	282	991	Q	177	732	17.3
Synthetic or Rubber .....	10,235	7,211	5,771	1,399	Q	3,024	463	610	1,951	12.8
Slate or Tile .....	1,920	1,416	1,157	241	Q	504	Q	Q	250	24.1
Wooden Materials .....	1,130	998	752	Q	Q	Q	Q	Q	Q	46.0
Concrete .....	1,335	1,013	710	200	Q	322	Q	Q	Q	44.4
Other .....	332	196	Q	Q	Q	Q	Q	Q	Q	47.1
No One Major Type .....	305	250	Q	Q	Q	Q	Q	Q	Q	58.9
<b>Energy Sources (more than one may apply)</b>										
Electricity .....	57,076	45,225	35,111	9,518	596	11,851	1,674	2,810	7,367	7.6
Natural Gas .....	38,145	30,256	23,956	6,077	Q	7,889	710	1,698	5,481	7.9
Fuel Oil .....	14,421	10,617	9,485	1,101	Q	3,805	607	860	2,338	11.6
District Heat .....	5,658	2,789	2,482	303	Q	2,869	913	1,266	690	19.1
District Chilled Water .....	2,521	1,200	1,063	Q	Q	1,321	263	575	482	22.2
Propane .....	5,344	4,239	3,452	760	Q	1,105	Q	Q	911	22.2
Other .....	2,336	1,620	1,285	335	Q	716	Q	Q	440	30.8
<b>Energy End Uses (more than one may apply)</b>										
Buildings with Space Heating ....	54,347	42,860	33,402	9,148	311	11,487	1,689	2,785	7,013	8.0
Buildings with Cooling .....	49,935	39,654	30,717	8,763	Q	10,280	1,609	2,473	6,198	7.6
Buildings with Water Heating .....	51,560	40,351	31,387	8,690	274	11,209	1,606	2,721	6,882	8.1
Buildings with Cooking .....	20,713	15,175	12,323	2,776	Q	5,537	589	946	4,002	9.9
Buildings with Manufacturing .....	3,893	3,205	2,318	859	Q	687	Q	Q	381	23.4
Buildings with Electricity Generation .....	13,366	9,643	8,675	947	Q	3,723	505	949	2,269	11.2
<b>Percent of Floorspace Heated</b>										
Not Heated .....	4,425	3,836	2,171	549	1,116	589	Q	Q	460	25.9
1 to 50 .....	6,227	5,732	3,987	1,637	Q	495	Q	Q	250	24.7
51 to 99 .....	8,868	7,220	5,736	1,466	Q	1,648	145	505	998	14.6
100 .....	39,252	29,909	23,678	6,045	Q	9,344	1,468	2,111	5,765	7.9
<b>Percent of Floorspace Cooled</b>										
Not Cooled .....	8,837	7,042	4,856	934	1,252	1,795	Q	377	1,275	17.4
1 to 50 .....	15,027	11,523	8,547	2,915	Q	3,504	396	687	2,421	12.7
51 to 99 .....	12,549	9,652	8,020	1,632	Q	2,897	626	757	1,514	12.5
100 .....	22,359	18,479	14,149	4,217	Q	3,880	587	1,030	2,263	10.5
<b>Percent Lit when Open</b>										
Zero .....	189	177	143	Q	Q	Q	Q	Q	Q	58.8
1 to 50 .....	6,008	5,451	4,527	911	Q	557	Q	Q	411	21.1
51 to 99 .....	9,692	7,441	5,838	1,603	Q	2,250	281	543	1,427	13.6
100 .....	40,514	31,529	24,421	6,990	Q	8,985	1,304	2,166	5,516	8.0
Building Not in Use/ Electricity Not Used .....	2,369	2,098	643	193	1,262	271	Q	Q	Q	31.0

See footnotes at end of table.

**Table 17. Occupancy of Nongovernment-Owned and Government-Owned Buildings, Floorspace, 1995 (Continued)**  
(Million Square Feet)

Building Characteristics	All Buildings	Nongovernment-Owned Buildings				Government-Owned Buildings				RSE Row Factor
		All Nongovernment-Owned Buildings	Owner Occupied	Nonowner Occupied	Unoccupied	All Government-Owned Buildings	Federal	State	Local	
RSE Column Factor:	0.5	0.5	0.6	1.0	2.1	0.8	2.4	1.4	1.2	
<b>Heating Equipment (more than one may apply)</b>										
Heat Pumps .....	5,843	4,833	3,857	976	Q	1,011	185	165	660	17.2
Furnaces .....	14,923	13,389	10,498	2,790	Q	1,534	Q	189	1,220	13.9
Individual Space Heaters .....	16,809	13,940	11,241	2,632	Q	2,868	320	582	1,966	13.7
District Heat .....	5,911	2,882	2,534	329	Q	3,029	981	1,308	740	18.8
Boilers .....	16,754	10,924	9,550	1,299	Q	5,830	493	1,104	4,233	9.9
Packaged Heating Units .....	16,893	14,417	9,947	4,369	Q	2,476	188	343	1,944	12.1
Other .....	6,249	5,071	4,247	824	Q	1,178	Q	326	608	20.4
<b>Cooling Equipment (more than one may apply)</b>										
Residential-Type Central										
Air Conditioners .....	9,238	7,832	6,245	1,582	Q	1,406	Q	225	1,038	14.0
Heat Pumps .....	6,931	5,695	4,462	1,234	Q	1,235	257	196	782	16.6
Individual Air Conditioners .....	12,494	8,957	7,401	1,532	Q	3,537	288	640	2,609	12.5
District Chilled Water .....	2,521	1,200	1,063	Q	Q	1,321	263	575	482	22.2
Central Chillers .....	11,065	7,443	6,508	893	Q	3,622	812	1,029	1,781	13.2
Packaged Air Conditioning										
Units .....	26,628	21,889	16,156	5,629	Q	4,740	740	888	3,111	10.1
Swamp Coolers .....	2,451	2,105	1,538	567	Q	346	Q	Q	245	34.2
Other .....	949	687	521	166	Q	262	Q	Q	Q	34.7
<b>Lighting Equipment Types (more than one may apply)</b>										
Incandescent .....	35,715	28,409	23,855	4,500	Q	7,306	1,043	1,683	4,580	8.5
Standard Fluorescent .....	53,984	42,483	33,054	9,318	Q	11,501	1,662	2,737	7,103	7.5
Compact Fluorescent .....	14,273	10,671	9,214	1,457	Q	3,602	614	1,042	1,947	12.7
High-Intensity Discharge .....	16,259	11,583	9,777	1,800	Q	4,676	669	966	3,041	11.8
Halogen .....	9,665	7,937	6,709	1,225	Q	1,728	Q	251	1,216	15.6
Other .....	554	484	Q	Q	Q	Q	Q	Q	Q	86.9
<b>Personal Computers and/or Computer Terminals</b>										
None .....	12,571	11,035	8,146	1,510	1,379	1,536	Q	304	1,048	14.8
1 to 4 .....	11,401	10,476	8,544	1,885	Q	925	Q	220	580	15.8
5 to 9 .....	5,372	4,586	3,235	1,350	Q	786	Q	135	573	18.6
10 to 19 .....	5,947	4,995	3,677	1,318	Q	952	Q	246	619	18.0
20 to 49 .....	7,048	4,785	3,322	1,463	Q	2,264	194	482	1,588	15.3
50 to 99 .....	4,938	3,211	2,208	1,003	Q	1,727	Q	508	1,107	16.1
100 to 249 .....	5,189	3,110	2,601	510	Q	2,079	187	558	1,334	16.0
250 or More .....	6,307	4,499	3,841	659	Q	1,807	785	398	625	16.3
<b>Energy-Related Space Functions (more than one may apply)</b>										
Commercial Food Preparation ...	20,713	15,175	12,323	2,776	Q	5,537	589	946	4,002	9.9
Computer Room .....	12,890	9,307	7,647	1,652	Q	3,583	919	638	2,027	11.1
Activities with Large Amounts of Hot Water .....	6,753	5,234	4,623	611	Q	1,519	Q	361	938	16.1

See footnotes at end of table.

**Table 17. Occupancy of Nongovernment-Owned and Government-Owned Buildings, Floorspace, 1995 (Continued)**  
(Million Square Feet)

Building Characteristics	All Buildings	Nongovernment-Owned Buildings				Government-Owned Buildings				RSE Row Factor
		All Nongovernment-Owned Buildings	Owner Occupied	Nonowner Occupied	Unoccupied	All Government-Owned Buildings	Federal	State	Local	
RSE Column Factor:	0.5	0.5	0.6	1.0	2.1	0.8	2.4	1.4	1.2	
<b>Building Shell Conservation Features (more than one may apply)</b>										
Roof or Ceiling Insulation .....	46,355	36,498	28,681	7,379	439	9,856	1,492	2,239	6,126	8.5
Wall Insulation .....	31,694	26,016	20,899	4,823	293	5,678	956	1,307	3,415	10.0
Storm or Multiple Glazing .....	28,876	23,322	19,243	3,860	219	5,554	1,030	1,206	3,319	9.4
Tinted, Reflective or Shading Glass .....	24,245	19,496	15,089	4,271	137	4,749	758	1,248	2,742	9.7
Exterior or Interior Shading or Awnings .....	37,208	28,878	22,376	6,194	309	8,330	1,433	1,887	5,009	8.7
<b>HVAC Conservation Features (more than one may apply)</b>										
Variable Air-Volume System .....	13,473	9,647	8,145	1,453	Q	3,826	800	950	2,076	12.2
Economizer Cycle .....	16,550	12,014	9,819	2,111	Q	4,536	874	1,237	2,426	11.3
HVAC Maintenance .....	43,134	32,837	25,719	7,014	Q	10,297	1,554	2,494	6,249	8.2
Other Energy Efficient Equipment .....	6,453	4,502	3,767	732	Q	1,950	173	389	1,389	14.0
<b>Lighting Conservation Features (more than one may apply)</b>										
Specular Reflectors .....	17,868	14,003	11,254	2,739	Q	3,865	712	785	2,368	11.5
Energy-Efficient Ballasts .....	28,375	21,334	17,779	3,521	Q	7,040	1,180	1,944	3,917	8.9
Natural Lighting Control Sensors .....	6,431	5,099	4,423	676	Q	1,333	199	293	841	16.8
Occupancy Sensors .....	5,958	4,265	3,873	392	Q	1,692	505	230	957	18.6
Time Clock .....	13,262	10,779	8,778	1,965	Q	2,484	366	550	1,568	11.7
Manual Dimmer Switches .....	13,056	10,823	9,440	1,383	Q	2,233	625	443	1,166	12.7
Other .....	2,836	1,960	1,639	316	Q	876	Q	Q	659	23.9
<b>Energy Conservation Features (more than one may apply)</b>										
Any Conservation Features .....	55,288	43,720	33,842	9,172	706	11,569	1,689	2,782	7,097	7.7
Building Shell .....	53,190	42,074	32,739	8,630	706	11,116	1,688	2,577	6,851	7.8
HVAC .....	44,657	34,095	26,731	7,253	Q	10,562	1,554	2,549	6,459	8.1
Lighting .....	38,537	29,737	24,062	5,625	Q	8,800	1,433	2,186	5,180	8.0
<b>Off-Hour Equipment Reduction (more than one may apply)</b>										
Heating .....	38,326	30,267	22,943	7,235	Q	8,059	801	1,690	5,569	8.7
Cooling .....	35,605	28,437	21,348	7,017	Q	7,168	770	1,577	4,821	8.6
Lighting .....	44,937	35,675	27,042	8,557	Q	9,262	1,058	2,002	6,201	8.2

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

-- = Data not applicable.

Notes: • To obtain the RSE percentage for any table cell, multiply the cell's corresponding RSE column and RSE row factors. • See Glossary for explanation of abbreviations and definitions of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-871A of the 1995 Commercial Buildings Energy Consumption Survey.