

Energy Consumption & Expenditures

Energy Sources: Electricity Tables (35 pages, 218 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> <p>Electronic Products and Services</p> <p>Users can view and download selected pages, sections, or entire reports, search for information, download data and analysis applications, and find out about new information products and services.</p> <p>Contact: Martha Johnson, Survey Manager (martha.johnson@eia.doe.gov)</p> <p>World Wide Web: http://www.eia.doe.gov/emeu/consumption</p>	

Table 9. Total Electricity Consumption and Expenditures, 1995

Building Characteristics	All Buildings Using Electricity			Electricity Consumption			Electricity Expenditures	RSE Row Factor
	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)		
RSE Column Factor:	1.1	0.9	0.8	1.1	1.1	1.1	1.0	
All Buildings	4,343	57,076	13.1	7,873	2,608	764	56,621	3.71
Building Floorspace (square feet)								
1,001 to 5,000	2,252	5,953	2.6	1,148	380	111	9,696	5.97
5,001 to 10,000	970	7,061	7.3	718	238	70	6,055	7.00
10,001 to 25,000	724	11,303	15.6	1,161	384	113	8,911	5.82
25,001 to 50,000	211	7,635	36.1	954	316	93	7,005	6.05
50,001 to 100,000	114	7,902	69.2	1,097	363	107	7,194	5.81
100,001 to 200,000	47	6,599	141.2	1,017	337	99	6,283	7.14
200,001 to 500,000	19	5,550	294.8	927	307	90	5,908	9.45
Over 500,000	6	5,074	887.4	852	282	83	5,568	9.40
Principal Building Activity								
Education	309	7,685	24.9	666	221	65	5,168	7.79
Food Sales	137	642	4.7	358	119	35	2,532	13.61
Food Service	285	1,353	4.8	502	166	49	3,931	16.13
Health Care	105	2,333	22.2	637	211	62	3,901	11.36
Lodging	158	3,601	22.8	565	187	55	3,838	10.35
Mercantile and Service	1,274	12,630	9.9	1,533	508	149	11,655	7.84
Office	705	10,466	14.8	2,039	676	198	14,020	8.66
Public Assembly	326	3,929	12.1	514	170	50	3,604	12.53
Public Order and Safety	87	1,271	14.6	148	49	14	1,131	27.01
Religious Worship	269	2,792	10.4	99	33	10	953	10.15
Warehouse and Storage	477	8,016	16.8	531	176	52	3,934	12.26
Other	67	1,000	14.9	228	75	22	1,473	25.75
Vacant	144	1,358	9.4	54	18	5	481	21.74
Year Constructed								
1919 or Before	335	3,527	10.5	300	99	29	2,290	14.61
1920 to 1945	508	6,175	12.1	523	173	51	4,012	9.72
1946 to 1959	838	9,123	10.9	980	325	95	7,395	9.10
1960 to 1969	695	10,649	15.3	1,424	472	138	10,405	8.44
1970 to 1979	809	11,245	13.9	1,856	615	180	13,005	6.68
1980 to 1989	792	11,909	15.0	1,955	648	190	13,844	7.12
1990 to 1992	204	2,544	12.5	492	163	48	3,318	13.33
1993 to 1995	162	1,905	11.8	343	113	33	2,353	18.90
Census Region and Division								
Northeast	697	11,444	16.4	1,317	436	128	13,059	7.00
New England	190	3,072	16.2	297	99	29	3,082	10.91
Middle Atlantic	507	8,372	16.5	1,020	338	99	9,978	8.88
Midwest	1,074	13,887	12.9	1,684	558	163	10,946	7.83
East North Central	698	9,422	13.5	1,074	356	104	7,360	9.63
West North Central	376	4,465	11.9	610	202	59	3,586	13.58
South	1,648	20,158	12.2	3,101	1,027	301	19,009	5.93
South Atlantic	642	9,301	14.5	1,471	487	143	9,502	9.29
East South Central	438	4,674	10.7	718	238	70	3,979	10.61
West South Central	569	6,183	10.9	911	302	88	5,527	11.08
West	925	11,587	12.5	1,772	587	172	13,607	8.61
Mountain	303	3,821	12.6	549	182	53	3,390	17.40
Pacific	622	7,766	12.5	1,223	405	119	10,217	10.45
Climate Zone: 45-Year Average								
Fewer than 2,000 CDD and --								
More than 7,000 HDD	466	4,934	10.6	539	178	52	3,600	13.35
5,500-7,000 HDD	936	14,356	15.3	1,725	571	167	13,123	6.99
4,000-5,499 HDD	1,006	14,559	14.5	2,112	700	205	15,057	10.04
Fewer than 4,000 HDD	1,051	13,268	12.6	1,955	648	190	14,479	10.46
More than 2,000 CDD and --								
Fewer than 4,000 HDD	885	9,960	11.3	1,543	511	150	10,363	9.20

See footnotes at end of table.

Table 9. Total Electricity Consumption and Expenditures, 1995 (Continued)

Building Characteristics	All Buildings Using Electricity			Electricity Consumption			Electricity Expenditures	RSE Row Factor
	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)		
RSE Column Factor:	1.1	0.9	0.8	1.1	1.1	1.1	1.0	
Workers (main shift)								
Fewer than 5	2,274	12,342	5.4	988	327	96	8,510	6.68
5 to 9	797	6,270	7.9	676	224	66	5,478	7.98
10 to 19	625	7,102	11.4	884	293	86	6,712	9.12
20 to 49	397	9,103	23.0	1,273	422	124	9,480	7.50
50 to 99	137	6,860	50.0	935	310	91	6,595	7.85
100 to 249	71	5,975	84.5	1,007	333	98	6,668	9.14
250 or More	43	9,425	220.0	2,111	699	205	13,177	12.06
Weekly Operating Hours								
39 or Fewer	746	4,932	6.6	185	61	18	1,728	10.61
40 to 48	1,254	13,142	10.5	1,217	403	118	9,435	6.51
49 to 60	950	12,134	12.8	1,501	497	146	10,912	8.64
61 to 84	566	10,021	17.7	1,313	435	127	9,807	7.77
85 to 167	407	6,159	15.1	1,312	435	127	9,608	8.42
Open Continuously	421	10,688	25.4	2,345	777	228	15,131	7.75
Ownership and Occupancy								
Nongovernment Owned	3,810	45,225	11.9	6,091	2,018	591	44,825	4.07
Owner Occupied	3,062	35,111	11.5	4,858	1,609	472	34,878	4.22
Nonowner Occupied	669	9,518	14.2	1,216	403	118	9,768	8.52
Unoccupied	79	596	7.6	17	6	2	179	35.71
Government Owned	533	11,851	22.2	1,782	590	173	11,796	9.14
Space in Building Vacant for at Least Three Consecutive Months								
Yes	646	14,630	22.6	1,795	595	174	12,715	8.33
No	3,697	42,446	11.5	6,078	2,013	590	43,906	4.17
Energy Sources (more than one may apply)								
Electricity	4,343	57,076	13.1	7,873	2,608	764	56,621	3.71
Natural Gas	2,476	38,009	15.4	5,145	1,704	500	37,320	4.62
Fuel Oil	595	14,345	24.1	2,350	778	228	15,850	8.92
District Heat	110	5,646	51.4	1,100	364	107	6,957	18.97
District Chilled Water	53	2,517	47.7	567	188	55	3,344	17.74
Propane	589	5,340	9.1	676	224	66	5,323	12.00
Other	206	2,232	10.8	251	83	24	1,878	18.00
Energy End Uses (more than one may apply)								
Buildings with Space Heating	4,004	54,110	13.5	7,679	2,543	745	54,844	3.86
Buildings with Cooling	3,376	49,785	14.7	7,467	2,473	725	53,201	3.95
Buildings with Water Heating	3,472	51,363	14.8	7,533	2,495	731	53,846	3.99
Buildings with Cooking	827	20,611	24.9	3,757	1,244	365	25,825	5.46
Buildings with Manufacturing	204	3,885	19.0	474	157	46	3,252	15.88
Buildings with Electricity Generation	246	13,347	54.2	2,593	859	252	16,911	8.07
Space-Heating Energy Source								
Electricity	1,467	22,156	15.1	3,692	1,223	358	25,058	6.19
Electricity Main	1,007	13,500	13.4	2,445	810	237	16,279	7.77
Electricity Secondary	461	8,655	18.8	1,246	413	121	8,779	8.99
Other Excluding Electricity	2,536	31,955	12.6	3,987	1,321	387	29,786	4.28
Buildings without Space Heating	340	2,966	8.7	194	64	19	1,777	16.94
Primary Space-Heating Energy Source								
Electricity	1,007	13,500	13.4	2,445	810	237	16,279	7.77
Natural Gas	2,105	28,686	13.6	3,611	1,196	351	26,667	4.95
Fuel Oil	427	4,152	9.7	279	92	27	2,827	12.77
District Heat	107	5,277	49.2	1,040	344	101	6,573	13.49
Propane	259	1,541	5.9	197	65	19	1,738	21.76
Other	55	477	8.7	34	11	3	248	31.58

See footnotes at end of table.

Table 9. Total Electricity Consumption and Expenditures, 1995 (Continued)

Building Characteristics	All Buildings Using Electricity			Electricity Consumption			Electricity Expenditures	RSE Row Factor
	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)		
RSE Column Factor:	1.1	0.9	0.8	1.1	1.1	1.1	1.0	
Cooling Energy Source								
Electricity	3,293	47,761	14.5	7,077	2,344	687	50,797	3.98
Other Excluding Electricity	84	2,023	24.2	390	129	38	2,404	20.82
Buildings without Cooling	967	7,291	7.5	406	135	39	3,421	13.58
Water-Heating Energy Source								
Electricity	1,684	23,056	13.7	3,434	1,138	333	24,101	6.34
Other Excluding Electricity	1,788	28,307	15.8	4,098	1,358	398	29,745	4.72
Buildings without Water Heating	871	5,713	6.6	341	113	33	2,775	10.14
Cooking Energy Source								
Electricity	487	12,249	25.2	2,507	830	243	16,338	7.52
Other Excluding Electricity	340	8,362	24.6	1,250	414	121	9,487	8.68
Buildings without Cooking	3,517	36,465	10.4	4,116	1,363	400	30,797	4.49
Percent of Floorspace Heated								
Not Heated	340	2,966	8.7	194	64	19	1,777	16.94
1 to 50	542	6,152	11.3	437	145	42	3,456	11.69
51 to 99	630	8,859	14.1	1,329	440	129	9,760	9.14
100	2,831	39,099	13.8	5,913	1,959	574	41,628	3.70
Percent of Floorspace Cooled								
Not Cooled	967	7,291	7.5	406	135	39	3,421	13.58
1 to 50	926	14,917	16.1	1,082	358	105	8,642	7.35
51 to 99	635	12,536	19.7	2,194	727	213	15,196	7.48
100	1,816	22,331	12.3	4,191	1,388	407	29,363	5.11
Percent Lit when Open								
Zero	Q	Q	Q	Q	Q	Q	Q	99.99
1 to 50	666	6,008	9.0	376	125	37	3,274	11.80
51 to 99	745	9,692	13.0	1,243	412	121	9,346	8.41
100	2,814	40,514	14.4	6,236	2,066	605	43,826	4.65
Building Not in Use/ Electricity Not Used	82	673	8.2	Q	Q	Q	149	29.01
Percent Lit when Closed								
Zero	1,644	13,101	8.0	1,025	340	100	8,176	8.44
1 to 50	2,109	30,711	14.6	4,063	1,346	394	30,461	4.80
51 to 100	87	1,914	22.0	425	141	41	2,715	22.37
Never Closed	421	10,677	25.4	2,344	776	228	15,121	7.76
Building Not in Use/ Electricity Not Used	82	673	8.2	Q	Q	Q	149	29.01
Annual Consumption (kilowatthours)								
10,000 or Less	827	3,059	3.7	42	14	4	475	8.62
10,001 to 50,000	1,629	9,697	6.0	432	143	42	4,263	6.71
50,001 to 100,000	742	6,876	9.3	541	179	53	4,957	8.97
100,001 to 500,000	904	14,815	16.4	1,996	661	194	15,890	5.70
500,001 to 1,000,000	125	5,702	45.5	903	299	88	6,405	8.79
1,000,001 to 5,000,000	98	10,178	103.8	2,054	680	199	13,237	7.04
Over 5,000,000	17	6,748	408.9	1,906	631	185	11,395	10.54

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding RSE column and RSE row factors. • See Glossary for explanation of abbreviations and definitions of terms used in this report. • 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 electric generation process at the utility plant. • Statistics for the "energy end uses" represent consumption in buildings that have end use, not consumption for a particular fuel for a particular end use. • Because of rounding, data may not sum to totals.

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

Table 10. Electricity Consumption and Expenditure Intensities, 1995

Building Characteristics	Electricity Consumption						Electricity Expenditures			RSE Row Factor
	per Building (thousand kWh)	per Square Foot (kWh)	per Worker (thousand kWh)	Distribution of Building-Level Intensities (kWh/square foot)			per Building (thousand dollars)	per Square Foot (dollars)	per kWh (dollars)	
	1.4	1.1	1.3	25th Percentile	Median	75th Percentile	1.2	0.9	0.5	
RSE Column Factor:										
All Buildings	176	13.4	10.0	3.2	7.2	16.2	13.0	0.99	0.074	3.41
Building Floorspace (square feet)										
1,001 to 5,000	49	18.7	10.6	3.9	8.5	20.6	4.3	1.63	0.087	6.46
5,001 to 10,000	72	9.9	9.2	2.2	6.2	12.8	6.2	0.86	0.087	6.49
10,001 to 25,000	156	10.0	8.7	3.0	5.6	12.7	12.3	0.79	0.079	6.91
25,001 to 50,000	438	12.1	9.1	3.6	7.3	15.5	33.1	0.92	0.076	5.30
50,001 to 100,000	933	13.5	11.0	3.9	8.9	17.6	63.0	0.91	0.068	5.79
100,001 to 200,000	2,112	15.0	11.7	4.4	12.4	23.3	134.4	0.95	0.064	6.30
200,001 to 500,000	4,779	16.2	11.9	4.6	10.5	20.7	313.9	1.06	0.066	10.78
Over 500,000	14,457	16.3	8.6	7.5	13.2	22.4	973.8	1.10	0.067	8.32
Principal Building Activity										
Education	210	8.4	6.4	4.3	6.1	14.3	16.7	0.67	0.080	6.23
Food Sales	254	54.1	53.3	37.1	55.6	81.3	18.5	3.95	0.073	10.17
Food Service	171	36.0	20.8	13.3	25.5	63.0	13.8	2.90	0.081	12.54
Health Care	589	26.5	13.8	7.4	15.7	23.3	37.2	1.67	0.063	8.55
Lodging	347	15.2	20.1	6.5	11.7	20.1	24.3	1.07	0.070	7.09
Mercantile and Service	117	11.8	11.1	3.0	6.9	12.8	9.1	0.92	0.078	6.58
Office	281	18.9	7.3	6.1	12.2	20.2	19.9	1.34	0.071	7.43
Public Assembly	153	12.7	16.7	2.7	5.8	10.0	11.1	0.92	0.072	10.50
Public Order and Safety	165	11.3	8.4	3.3	3.9	9.8	13.0	0.89	0.079	22.86
Religious Worship	36	3.4	Q	1.4	2.9	4.9	3.5	0.34	0.100	9.05
Warehouse and Storage	108	6.4	10.6	1.2	3.2	7.3	8.2	0.49	0.076	8.26
Other	330	22.1	12.0	6.3	11.3	21.8	22.0	1.47	0.067	15.31
Vacant	36	3.9	9.3	0.3	2.4	5.6	3.3	0.35	0.092	17.63
Year Constructed										
1919 or Before	87	8.3	8.0	2.0	4.8	10.3	6.8	0.65	0.079	16.67
1920 to 1945	100	8.2	7.0	2.2	5.1	11.8	7.9	0.65	0.079	8.07
1946 to 1959	113	10.4	9.3	2.8	6.5	12.2	8.8	0.81	0.078	6.76
1960 to 1969	199	13.0	9.6	2.8	7.2	15.8	15.0	0.98	0.075	6.48
1970 to 1979	223	16.0	12.0	4.2	8.8	21.0	16.1	1.16	0.072	7.18
1980 to 1989	240	15.9	9.4	4.2	10.0	22.0	17.5	1.16	0.073	6.19
1990 to 1992	234	18.8	12.3	4.1	9.4	23.2	16.2	1.30	0.069	8.84
1993 to 1995	205	17.5	16.8	2.9	8.4	16.7	14.5	1.23	0.071	15.67
Census Region and Division										
Northeast	184	11.2	8.5	2.5	5.2	12.1	18.7	1.14	0.102	5.69
New England	152	9.4	8.6	2.2	5.8	12.2	16.2	1.00	0.107	7.38
Middle Atlantic	195	11.8	8.5	2.9	5.2	12.1	19.7	1.19	0.101	7.14
Midwest	152	11.8	9.7	2.2	6.8	13.1	10.2	0.79	0.067	6.82
East North Central	149	11.1	9.8	2.0	5.6	12.7	10.5	0.78	0.071	8.77
West North Central	158	13.3	9.4	3.1	8.1	14.4	9.5	0.80	0.061	10.00
South	183	14.9	11.4	4.0	8.5	19.8	11.5	0.94	0.063	5.18
South Atlantic	223	15.4	11.3	3.9	8.5	17.5	14.8	1.02	0.067	6.07
East South Central	159	14.9	9.6	4.1	9.8	26.4	9.1	0.85	0.057	10.38
West South Central	155	14.3	13.4	3.4	7.8	16.7	9.7	0.89	0.062	10.14
West	186	14.8	9.5	3.3	7.3	18.2	14.7	1.17	0.079	8.34
Mountain	176	13.9	11.8	2.3	6.5	17.4	11.2	0.89	0.064	13.57
Pacific	191	15.3	8.7	3.9	8.8	20.1	16.4	1.32	0.086	11.24
Climate Zone: 45-Year Average										
Fewer than 2,000 CDD and --										
More than 7,000 HDD	112	10.6	8.8	2.1	5.2	12.9	7.7	0.73	0.069	11.08
5,500-7,000 HDD	179	11.7	9.9	2.5	5.6	13.7	14.0	0.91	0.078	5.85
4,000-5,499 HDD	204	14.1	9.8	2.9	6.2	14.1	15.0	1.03	0.073	8.55
Fewer than 4,000 HDD	181	14.3	9.2	4.2	9.3	21.6	13.8	1.09	0.076	7.11
More than 2,000 CDD and --										
Fewer than 4,000 HDD	169	15.0	12.2	4.7	8.7	18.2	11.7	1.04	0.069	6.78

See footnotes at end of table.

Table 10. Electricity Consumption and Expenditure Intensities, 1995 (Continued)

Building Characteristics	Electricity Consumption						Electricity Expenditures			RSE Row Factor
	per Building (thousand kWh)	per Square Foot (kWh)	per Worker (thousand kWh)	Distribution of Building-Level Intensities (kWh/square foot)			per Building (thousand dollars)	per Square Foot (dollars)	per kWh (dollars)	
	1.4	1.1	1.3	25th Percentile	Median	75th Percentile	1.2	0.9	0.5	
RSE Column Factor:										
Workers (main shift)										
Fewer than 5	42	7.8	20.9	2.1	5.3	12.2	3.7	0.69	0.089	5.83
5 to 9	82	10.5	12.7	4.9	8.5	17.2	6.9	0.87	0.083	7.44
10 to 19	137	12.1	11.0	3.9	9.5	20.0	10.7	0.95	0.078	8.65
20 to 49	312	13.6	10.8	5.8	12.9	22.2	23.9	1.04	0.077	6.10
50 to 99	662	13.2	10.2	4.6	10.6	19.9	48.1	0.96	0.073	7.45
100 to 249	1,382	16.4	10.0	6.8	15.1	24.6	94.3	1.12	0.068	5.69
250 or More	4,784	21.7	7.1	5.9	16.4	26.8	307.6	1.40	0.064	10.33
Weekly Operating Hours										
39 or Fewer	24	3.6	3.1	0.7	2.7	5.8	2.3	0.35	0.096	11.01
40 to 48	94	9.0	7.1	3.6	6.8	12.9	7.5	0.72	0.080	5.54
49 to 60	153	12.0	8.2	3.3	6.9	15.3	11.5	0.90	0.075	9.03
61 to 84	225	12.7	9.7	4.6	10.2	18.2	17.3	0.98	0.077	6.21
85 to 167	313	20.7	18.3	11.9	31.4	55.6	23.6	1.56	0.075	6.65
Open Continuously	541	21.3	13.9	5.0	12.7	31.5	36.0	1.42	0.066	5.93
Ownership and Occupancy										
Nongovernment Owned	155	13.1	9.8	3.1	7.2	16.2	11.8	0.99	0.076	3.41
Owner Occupied	154	13.4	10.1	3.0	6.9	15.9	11.4	0.99	0.074	3.79
Nonowner Occupied	176	12.4	8.8	4.1	9.8	18.2	14.6	1.03	0.083	6.63
Unoccupied	21	2.8	Q	0.2	0.6	7.7	2.3	0.30	0.106	29.15
Government Owned	325	14.6	10.7	3.9	7.7	17.2	22.1	1.00	0.068	10.24
Space in Building Vacant for at Least Three Consecutive Months										
Yes	270	11.9	8.0	1.9	5.1	10.8	19.7	0.87	0.073	5.94
No	160	13.9	10.8	3.4	7.6	17.1	11.9	1.03	0.074	3.78
Energy Sources (more than one may apply)										
Electricity	176	13.4	10.0	3.2	7.2	16.2	13.0	0.99	0.074	3.41
Natural Gas	202	13.1	10.0	3.5	7.4	16.0	15.1	0.98	0.075	3.91
Fuel Oil	384	15.9	10.0	2.9	5.0	11.4	26.6	1.10	0.069	6.31
District Heat	972	18.9	10.3	7.4	10.2	24.3	63.3	1.23	0.065	13.88
District Chilled Water	1,042	21.9	12.4	7.7	10.2	26.8	63.3	1.33	0.061	14.70
Propane	111	12.3	8.5	2.9	5.9	12.7	9.0	1.00	0.081	11.07
Other	118	10.9	9.4	1.8	5.1	10.5	9.1	0.84	0.077	14.47
Energy End Uses (more than one may apply)										
Buildings with Space Heating	186	13.8	10.0	3.6	7.7	16.4	13.7	1.01	0.074	3.50
Buildings with Cooling	215	14.6	10.2	4.4	9.0	18.9	15.8	1.07	0.073	3.70
Buildings with Water Heating	211	14.2	10.1	3.9	8.7	18.5	15.5	1.05	0.074	3.58
Buildings with Cooking	441	17.7	11.5	5.1	13.5	35.3	31.2	1.25	0.071	5.43
Buildings with Manufacturing	225	11.8	9.3	2.6	6.3	10.5	15.9	0.84	0.071	13.77
Buildings with Electricity Generation	1,022	18.9	11.0	4.3	12.2	23.1	68.7	1.27	0.067	6.00
Space-Heating Energy Source										
Electricity	244	16.2	10.5	5.0	10.9	21.7	17.1	1.13	0.070	5.05
Electricity Main	236	17.6	11.5	5.8	12.9	23.5	16.2	1.21	0.069	6.61
Electricity Secondary	263	14.0	9.0	3.6	7.0	16.2	19.1	1.01	0.073	8.17
Other Excluding Electricity	153	12.1	9.5	3.0	6.7	14.0	11.7	0.93	0.077	3.92
Buildings without Space Heating	56	6.4	10.4	0.5	1.8	6.9	5.2	0.60	0.094	15.09
Primary Space-Heating Energy Source										
Electricity	236	17.6	11.5	5.8	12.9	23.5	16.2	1.21	0.069	6.61
Natural Gas	167	12.2	9.6	3.4	7.3	15.7	12.7	0.93	0.076	3.79
Fuel Oil	63	6.5	6.8	2.2	4.1	6.8	6.6	0.68	0.104	7.60
District Heat	941	19.1	10.2	7.4	10.2	24.6	61.3	1.25	0.065	11.12
Propane	74	12.4	Q	2.2	5.7	15.1	6.7	1.13	0.091	23.46
Other	60	6.9	10.3	1.5	1.8	9.9	4.5	0.52	0.076	21.24

See footnotes at end of table.

Table 10. Electricity Consumption and Expenditure Intensities, 1995 (Continued)

Building Characteristics	Electricity Consumption						Electricity Expenditures			RSE Row Factor
	per Building (thousand kWh)	per Square Foot (kWh)	per Worker (thousand kWh)	Distribution of Building-Level Intensities (kWh/square foot)			per Building (thousand dollars)	per Square Foot (dollars)	per kWh (dollars)	
	1.4	1.1	1.3	25th Percentile	Median	75th Percentile	1.2	0.9	0.5	
RSE Column Factor:										
Cooling Energy Source										
Electricity	209	14.4	10.1	4.3	8.9	18.6	15.4	1.06	0.074	3.70
Other Excluding Electricity	452	18.7	11.7	7.0	12.3	43.1	28.7	1.19	0.064	17.15
Buildings without Cooling	41	5.4	7.1	1.2	2.7	5.6	3.5	0.47	0.087	10.75
Water-Heating Energy Source										
Electricity	198	14.5	9.9	4.1	9.3	19.9	14.3	1.05	0.072	5.62
Other Excluding Electricity	222	14.1	10.3	3.8	8.3	16.7	16.6	1.05	0.075	3.92
Buildings without Water Heating	38	5.8	8.2	1.4	3.4	8.1	3.2	0.49	0.084	8.73
Cooking Energy Source										
Electricity	500	19.9	12.9	5.6	15.7	43.7	33.6	1.33	0.067	6.67
Other Excluding Electricity	357	14.5	9.4	4.5	10.9	22.3	27.9	1.13	0.078	7.29
Buildings without Cooking	114	11.0	8.9	2.9	6.5	14.0	8.8	0.84	0.077	3.80
Percent of Floorspace Heated										
Not Heated	56	6.4	10.4	0.5	1.8	6.9	5.2	0.60	0.094	15.09
1 to 50	78	6.9	10.0	2.0	4.7	9.3	6.4	0.56	0.082	7.89
51 to 99	205	14.6	11.2	3.9	7.3	15.2	15.5	1.10	0.076	10.39
100	203	14.7	9.7	3.9	8.8	18.6	14.7	1.06	0.073	3.51
Percent of Floorspace Cooled										
Not Cooled	41	5.4	7.1	1.2	2.7	5.6	3.5	0.47	0.087	10.75
1 to 50	113	7.0	8.6	2.7	5.2	10.8	9.3	0.58	0.082	5.27
51 to 99	335	17.0	11.1	5.2	9.8	20.3	23.9	1.21	0.071	7.08
100	224	18.2	10.3	5.8	11.9	23.5	16.2	1.31	0.072	4.42
Percent Lit when Open										
Zero	Q	Q	Q	0.7	1.9	2.4	Q	Q	Q	99.99
1 to 50	55	6.1	13.7	1.8	4.9	9.5	4.9	0.54	0.090	10.28
51 to 99	162	12.4	10.0	4.0	7.5	16.2	12.5	0.96	0.077	6.31
100	215	14.9	9.8	3.8	8.5	18.5	15.6	1.08	0.072	4.13
Building Not in Use/ Electricity Not Used	Q	Q	Q	0.1	0.3	3.4	1.8	0.22	0.096	35.29
Percent Lit when Closed										
Zero	61	7.6	7.8	2.1	4.7	10.4	5.0	0.62	0.082	5.95
1 to 50	187	12.8	8.8	4.6	9.8	19.8	14.4	0.99	0.077	4.32
51 to 100	474	21.6	16.0	6.1	8.8	21.9	31.2	1.42	0.066	24.95
Never Closed	541	21.3	13.9	5.0	12.7	31.5	36.0	1.42	0.066	5.94
Building Not in Use/ Electricity Not Used	Q	Q	Q	0.1	0.3	3.4	1.8	0.22	0.096	35.29
Annual Consumption (kilowatthours)										
10,000 or Less	5	1.3	1.8	0.6	1.8	3.3	0.6	0.16	0.116	6.98
10,001 to 50,000	26	4.3	4.4	3.2	6.1	10.8	2.6	0.44	0.102	4.02
50,001 to 100,000	71	7.6	6.2	5.8	11.6	20.5	6.7	0.72	0.094	4.42
100,001 to 500,000	214	13.1	10.5	10.2	18.4	47.0	17.6	1.07	0.082	3.72
500,001 to 1,000,000	699	15.4	11.9	12.3	22.1	46.8	51.1	1.12	0.073	4.15
1,000,001 to 5,000,000	2,033	19.6	13.0	16.5	24.7	36.7	135.0	1.30	0.066	3.31
Over 5,000,000	11,212	27.4	12.3	20.3	30.2	48.4	690.4	1.69	0.062	6.91

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding RSE column and RSE row factors. • See Glossary for explanation of abbreviations and definitions of terms used in this report. • Statistics for the "energy end uses" represent consumption in buildings that have end use, not consumption for a particular fuel for a particular end use. • Because of rounding, data may not sum to totals.

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

**Table 11. Electricity Consumption and Conditional Energy Intensity
by Census Region, 1995**

Building Characteristics	Total Electricity Consumption (billion kWh)				Total Floorspace of Buildings Using Electricity (million square feet)				Electricity Energy Intensity (kWh/sq. ft.)				RSE Row Factor
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West	
	1.2	1.2	0.9	1.4	1.1	0.9	0.8	1.2	0.9	0.9	0.7	1.0	
RSE Column Factor:	1.2	1.2	0.9	1.4	1.1	0.9	0.8	1.2	0.9	0.9	0.7	1.0	
All Buildings	128	163	301	172	11,444	13,887	20,158	11,587	11.2	11.8	14.9	14.8	7.15
Building Floorspace (square feet)													
1,001 to 5,000	20	21	49	22	926	1,636	2,291	1,101	21.2	12.8	21.2	20.2	13.31
5,001 to 10,000	9	11	29	21	1,130	1,624	2,526	1,781	8.0	6.8	11.4	11.7	16.08
10,001 to 25,000	16	27	48	22	2,098	2,637	4,274	2,294	7.5	10.1	11.3	9.6	14.99
25,001 to 50,000	13	19	35	25	1,377	1,720	2,643	1,896	9.6	10.9	13.3	13.4	13.23
50,001 to 100,000	13	24	41	27	1,360	1,893	2,952	1,697	9.9	12.9	14.0	16.1	13.59
100,001 to 200,000	17	21	45	16	1,304	1,822	2,409	1,063	12.8	11.3	18.8	15.2	16.77
200,001 to 500,000	16	19	30	25	1,389	1,516	1,679	965	11.7	12.7	17.8	25.5	16.65
Over 500,000	24	22	24	13	1,860	1,039	1,384	791	12.9	21.0	17.2	16.6	18.96
Principal Building Activity													
Education	13	13	23	16	1,930	1,941	2,315	1,498	6.7	6.8	9.9	10.4	12.33
Food Sales	Q	Q	15	8	Q	Q	287	209	Q	Q	53.7	39.7	16.38
Food Service	Q	Q	21	8	Q	474	443	271	Q	22.5	47.4	31.0	27.45
Health Care	9	13	27	13	408	466	916	543	21.2	28.1	29.8	23.5	15.20
Lodging	7	12	22	13	332	909	1,313	1,047	20.7	13.6	17.0	12.7	17.17
Mercantile and Service	23	35	65	25	2,802	3,198	4,823	1,807	8.3	11.1	13.5	13.9	14.46
Office	32	40	68	58	2,146	2,335	3,483	2,503	14.8	17.1	19.5	23.4	12.71
Public Assembly	8	11	20	10	688	944	1,367	930	12.3	11.4	14.9	11.2	18.70
Public Order and Safety	4	2	4	Q	548	300	308	Q	7.7	7.9	13.6	Q	33.47
Religious Worship	1	1	4	3	442	633	1,006	711	3.0	2.2	3.8	4.3	19.53
Warehouse and Storage	12	12	20	9	1,457	1,934	3,152	1,472	7.9	6.0	6.2	6.0	20.18
Other	Q	7	9	Q	Q	402	285	Q	Q	18.5	32.8	Q	31.32
Vacant	Q	1	2	1	Q	282	460	337	Q	4.6	4.5	4.0	37.05
Year Constructed													
1919 or Before	6	14	4	4	1,161	1,458	504	404	5.6	9.5	8.8	10.8	28.79
1920 to 1945	11	17	17	7	1,547	2,098	1,646	883	6.8	7.9	10.3	7.4	20.49
1946 to 1959	21	22	30	22	1,941	2,247	3,060	1,876	10.8	9.9	9.7	11.8	16.15
1960 to 1969	24	23	53	38	2,270	2,347	3,737	2,294	10.7	9.8	14.3	16.4	12.88
1970 to 1979	24	33	73	51	1,649	2,405	4,312	2,879	14.4	13.7	16.9	17.6	12.83
1980 to 1989	29	41	86	33	2,098	2,278	5,164	2,369	13.8	18.2	16.7	14.0	13.91
1990 to 1992	6	8	22	11	432	544	1,078	491	14.9	14.2	20.6	23.2	21.11
1993 to 1995	Q	6	15	6	347	509	658	391	18.5	10.8	23.0	15.8	26.66
Climate Zone: 45-Year Average													
Fewer than 2,000 CDD and --													
More than 7,000 HDD	11	37	Q	5	1,074	3,457	Q	403	10.3	10.6	Q	Q	17.66
5,500-7,000 HDD	55	83	Q	29	4,889	7,461	Q	2,005	11.3	11.1	Q	14.5	13.79
4,000-5,499 HDD	62	44	64	36	5,481	2,969	4,266	1,844	11.2	14.7	15.0	19.4	16.76
Fewer than 4,000 HDD	Q	Q	114	76	Q	Q	7,651	5,618	Q	Q	14.8	13.6	11.18
More than 2,000 CDD and --													
Fewer than 4,000 HDD	Q	Q	123	26	Q	Q	8,241	1,718	Q	Q	15.0	15.3	15.71
Workers (main shift)													
Fewer than 5	16	19	42	19	2,041	3,238	4,672	2,391	7.7	5.9	9.0	7.9	14.98
5 to 9	7	16	26	17	1,057	1,746	2,082	1,384	6.7	9.2	12.5	11.9	16.42
10 to 19	12	16	40	18	1,317	1,511	2,701	1,572	9.2	10.3	14.9	11.5	18.47
20 to 49	22	28	48	26	1,778	2,390	3,212	1,723	12.5	11.6	15.0	14.8	13.36
50 to 99	12	20	38	21	1,260	1,436	2,733	1,430	9.3	13.8	13.9	14.9	12.80
100 to 249	18	22	35	23	1,428	1,579	1,755	1,212	12.4	14.0	19.7	19.2	16.33
250 or More	41	43	72	48	2,562	1,986	3,001	1,875	16.1	21.7	24.0	25.9	14.43
Weekly Operating Hours													
39 or Fewer	3	4	8	4	783	1,311	1,820	1,018	4.0	2.8	4.2	3.5	19.71
40 to 48	15	25	50	28	2,165	3,464	4,888	2,626	7.1	7.3	10.2	10.5	12.53
49 to 60	21	23	53	48	2,442	2,330	4,766	2,596	8.8	9.9	11.1	18.6	15.27
61 to 84	19	29	54	26	2,106	2,622	3,276	2,016	9.0	10.9	16.3	13.1	11.92
85 to 167	24	28	47	28	1,408	1,621	1,793	1,337	17.0	17.5	26.2	21.0	15.03
Open Continuously	45	55	90	38	2,541	2,539	3,614	1,994	17.7	21.5	24.9	19.2	12.33

See footnotes at end of table.

**Table 11. Electricity Consumption and Conditional Energy Intensity
by Census Region, 1995 (Continued)**

Building Characteristics	Total Electricity Consumption (billion kWh)				Total Floorspace of Buildings Using Electricity (million square feet)				Electricity Energy Intensity (kWh/sq. ft.)				RSE Row Factor
	North- east	Mid- west	South	West	North- east	Mid- west	South	West	North- east	Mid- west	South	West	
	1.2	1.2	0.9	1.4	1.1	0.9	0.8	1.2	0.9	0.9	0.7	1.0	
RSE Column Factor:	1.2	1.2	0.9	1.4	1.1	0.9	0.8	1.2	0.9	0.9	0.7	1.0	
Ownership and Occupancy													
Nongovernment Owned	96	126	244	124	8,611	11,034	16,425	9,155	11.2	11.4	14.9	13.6	7.46
Owner Occupied	79	106	199	88	6,901	9,242	12,467	6,502	11.4	11.4	16.0	13.6	7.94
Nonowner Occupied	18	20	45	36	1,620	1,621	3,716	2,562	10.8	12.4	12.0	14.0	16.02
Unoccupied	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Government Owned	32	37	57	48	2,833	2,853	3,733	2,433	11.1	13.0	15.1	19.6	15.56
Space in Building Vacant for at Least Three Consecutive Months													
Yes	28	36	72	38	2,929	3,406	5,179	3,116	9.7	10.5	14.0	12.0	12.22
No	99	128	229	134	8,515	10,481	14,978	8,472	11.7	12.2	15.3	15.9	7.99
Energy Sources (more than one may apply)													
Electricity	128	163	301	172	11,444	13,887	20,158	11,587	11.2	11.8	14.9	14.8	7.15
Natural Gas	74	128	184	113	7,074	10,819	12,289	7,826	10.5	11.8	15.0	14.5	8.52
Fuel Oil	52	47	90	39	5,368	2,669	4,166	2,142	9.7	17.5	21.7	18.3	13.32
District Heat	29	30	28	20	1,756	1,902	1,038	949	16.5	16.0	26.5	20.9	27.27
District Chilled Water	6	17	24	8	287	778	919	533	19.7	21.5	26.5	15.6	21.75
Propane	20	13	25	8	1,685	1,093	2,012	550	12.1	11.9	12.3	13.7	23.04
Other	6	8	6	4	717	558	618	339	8.7	14.1	9.5	12.9	29.69
Energy End Uses (more than one may apply)													
Buildings with Space Heating	127	162	294	162	11,096	13,422	18,852	10,741	11.4	12.1	15.6	15.1	7.30
Buildings with Cooling	118	154	297	156	9,478	11,943	18,606	9,758	12.5	12.9	16.0	16.0	7.43
Buildings with Water Heating	125	159	281	166	10,694	12,428	17,502	10,739	11.7	12.8	16.0	15.5	7.19
Buildings with Cooking	62	77	147	78	4,611	4,717	7,173	4,110	13.5	16.4	20.6	19.0	10.44
Buildings with Manufacturing	7	19	16	5	674	1,057	1,456	697	10.5	17.6	10.7	6.8	24.27
Buildings with Electricity Generation	53	53	99	47	3,858	2,738	4,360	2,391	13.8	19.4	22.6	19.5	10.81
Space-Heating Energy Source													
Electricity	47	61	169	81	3,081	4,058	9,971	5,046	15.4	15.1	16.9	16.1	11.26
Electricity Main	21	28	131	57	1,099	1,549	7,403	3,449	18.8	18.3	17.7	16.6	15.61
Electricity Secondary	27	33	38	24	1,982	2,508	2,568	1,597	13.4	13.1	14.7	14.9	15.72
Other Excluding Electricity	79	101	125	81	8,015	9,364	8,881	5,695	9.9	10.8	14.1	14.3	7.92
Buildings without Space Heating	Q	Q	7	10	Q	465	1,306	846	Q	Q	5.4	11.5	30.54
Primary Space-Heating Energy Source													
Electricity	21	28	131	57	1,099	1,549	7,403	3,449	18.8	18.3	17.7	16.6	15.61
Natural Gas	49	99	119	83	4,674	9,207	8,726	6,079	10.5	10.8	13.7	13.7	9.13
Fuel Oil	18	Q	8	Q	2,974	Q	793	Q	6.0	Q	9.6	Q	18.24
District Heat	27	30	26	19	1,588	1,839	945	905	16.8	16.2	27.4	20.6	19.71
Propane	10	2	6	Q	432	313	713	Q	23.5	6.0	8.7	Q	33.23
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Cooling Energy Source													
Electricity	113	142	285	147	8,986	11,424	18,133	9,219	12.5	12.4	15.7	16.0	7.47
Other Excluding Electricity	6	Q	12	8	492	520	473	539	12.0	22.8	24.6	15.7	27.81
Buildings without Cooling	9	10	4	16	1,967	1,944	1,551	1,830	4.8	5.0	2.7	8.8	21.46
Water-Heating Energy Source													
Electricity	54	63	148	68	4,689	4,516	9,757	4,094	11.6	14.0	15.2	16.5	11.86
Other Excluding Electricity	71	96	133	99	6,005	7,911	7,745	6,645	11.8	12.1	17.1	14.8	7.65
Buildings without Water Heating	3	4	20	6	751	1,459	2,655	848	3.6	3.0	7.6	6.9	21.28
Cooking Energy Source													
Electricity	36	58	97	53	2,437	3,015	4,311	2,485	14.6	19.1	22.4	21.5	14.01
Other Excluding Electricity	26	20	51	25	2,174	1,702	2,862	1,624	12.2	11.5	17.7	15.1	13.06
Buildings without Cooking	66	86	154	94	6,833	9,170	12,985	7,478	9.6	9.4	11.8	12.6	8.63

See footnotes at end of table.

**Table 11. Electricity Consumption and Conditional Energy Intensity
by Census Region, 1995 (Continued)**

Building Characteristics	Total Electricity Consumption (billion kWh)				Total Floorspace of Buildings Using Electricity (million square feet)				Electricity Energy Intensity (kWh/sq. ft.)				RSE Row Factor
	North- east	Mid- west	South	West	North- east	Mid- west	South	West	North- east	Mid- west	South	West	
	1.2	1.2	0.9	1.4	1.1	0.9	0.8	1.2	0.9	0.9	0.7	1.0	
RSE Column Factor:	1.2	1.2	0.9	1.4	1.1	0.9	0.8	1.2	0.9	0.9	0.7	1.0	
Percent of Floorspace Heated													
Not Heated	Q	Q	7	10	Q	465	1,306	846	Q	Q	5.4	11.5	30.54
1 to 50	7	5	19	11	987	1,171	2,339	1,655	6.7	4.3	8.2	6.9	19.77
51 to 99	28	14	50	36	2,501	1,480	2,847	2,032	11.3	9.6	17.6	17.9	16.13
100	92	143	224	114	7,609	10,770	13,666	7,054	12.1	13.3	16.4	16.2	6.99
Percent of Floorspace Cooled													
Not Cooled	9	10	4	16	1,967	1,944	1,551	1,830	4.8	5.0	2.7	8.8	21.46
1 to 50	27	26	31	20	3,751	4,341	4,311	2,514	7.3	6.1	7.3	7.8	11.91
51 to 99	43	47	78	44	3,063	3,028	4,262	2,184	14.1	15.6	18.4	20.3	11.90
100	48	80	187	92	2,664	4,575	10,033	5,059	18.0	17.5	18.6	18.2	8.81
Percent Lit when Open													
Zero	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
1 to 50	Q	8	12	8	1,130	1,598	2,172	1,109	7.6	5.0	5.7	6.8	18.90
51 to 99	24	27	43	26	2,418	2,247	3,011	2,016	9.8	12.0	14.4	13.1	13.87
100	95	128	245	138	7,787	9,874	14,608	8,245	12.2	13.0	16.7	16.7	8.34
Building Not in Use/ Electricity Not Used	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Percent Lit when Closed													
Zero	14	20	40	26	2,400	3,397	4,695	2,609	5.7	5.8	8.6	10.0	14.52
1 to 50	62	86	154	92	5,872	7,602	10,761	6,476	10.6	11.3	14.3	14.1	8.45
51 to 100	6	Q	16	Q	546	Q	826	345	11.0	Q	19.5	Q	24.88
Never Closed	45	55	90	38	2,541	2,539	3,614	1,983	17.7	21.5	24.9	19.2	12.36
Building Not in Use/ Electricity Not Used	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Annual Consumption (kilowatthours)													
10,000 or Less	1	1	2	1	518	873	1,042	627	1.2	1.2	1.6	1.2	17.51
10,001 to 50,000	6	11	16	9	1,688	2,792	3,368	1,849	3.6	4.0	4.6	4.9	11.69
50,001 to 100,000	8	10	22	12	1,316	1,407	2,500	1,653	6.1	7.0	9.0	7.4	16.63
100,001 to 500,000	33	38	79	44	2,821	3,639	5,461	2,893	11.6	10.5	14.5	15.1	10.24
500,001 to 1,000,000	14	18	38	18	1,108	1,318	2,150	1,126	12.6	14.0	17.5	15.7	15.47
1,000,001 to 5,000,000	31	46	77	46	2,205	2,511	3,381	2,080	13.8	18.4	22.6	22.1	11.79
Over 5,000,000	36	38	68	43	1,787	1,346	2,256	1,359	20.2	28.5	30.2	31.3	16.67

NF = No applicable RSE row factor.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding RSE column and RSE row factors. • See Glossary for explanation of abbreviations and definitions of terms used in this report. • Statistics for the "energy end uses" represent consumption in buildings that have end use, not consumption for a particular fuel for a particular end use. • Because of rounding, data may not sum to totals.

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

Table 12. Electricity Expenditures by Census Region, 1995

Building Characteristics	Total Electricity Expenditures (million dollars)				Electricity Expenditures (dollars)								RSE Row Factor
					per kWh				per Square Foot				
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West	
	1.7	1.6	1.3	1.9	0.4	0.6	0.4	0.7	1.2	1.1	0.9	1.5	
RSE Column Factor:	1.7	1.6	1.3	1.9	0.4	0.6	0.4	0.7	1.2	1.1	0.9	1.5	
All Buildings	13,059	10,946	19,009	13,607	0.10	0.07	0.06	0.08	1.14	0.79	0.94	1.17	5.10
Building Floorspace (square feet)													
1,001 to 5,000	2,206	1,758	3,514	2,218	0.11	0.08	0.07	0.10	2.38	1.07	1.53	2.01	9.66
5,001 to 10,000	1,102	877	2,038	2,038	0.12	0.08	0.07	0.10	0.98	0.54	0.81	1.14	11.23
10,001 to 25,000	1,789	1,931	3,233	1,959	0.11	0.07	0.07	0.09	0.85	0.73	0.76	0.85	10.23
25,001 to 50,000	1,434	1,265	2,208	2,098	0.11	0.07	0.06	0.08	1.04	0.74	0.84	1.11	8.95
50,001 to 100,000	1,354	1,564	2,446	1,830	0.10	0.06	0.06	0.07	1.00	0.83	0.83	1.08	8.87
100,001 to 200,000	1,521	1,214	2,485	1,064	0.09	0.06	0.05	0.07	1.17	0.67	1.03	1.00	10.81
200,001 to 500,000	1,473	1,102	1,831	1,502	0.09	0.06	0.06	0.06	1.06	0.73	1.09	1.56	14.24
Over 500,000	2,180	1,235	1,255	898	0.09	0.06	0.05	0.07	1.17	1.19	0.91	1.14	11.29
Principal Building Activity													
Education	1,453	944	1,524	1,247	0.11	0.07	0.07	0.08	0.75	0.49	0.66	0.83	8.49
Food Sales	Q	Q	943	713	Q	Q	0.06	0.09	Q	Q	3.29	3.42	11.41
Food Service	Q	784	1,365	797	Q	0.07	0.07	0.09	Q	1.66	3.08	2.94	16.79
Health Care	725	692	1,471	1,014	0.08	0.05	0.05	0.08	1.78	1.49	1.61	1.87	10.20
Lodging	625	775	1,322	1,116	0.09	0.06	0.06	0.08	1.88	0.85	1.01	1.07	11.48
Mercantile and Service	2,599	2,559	4,176	2,321	0.11	0.07	0.06	0.09	0.93	0.80	0.87	1.28	9.08
Office	3,150	2,621	4,286	3,962	0.10	0.07	0.06	0.07	1.47	1.12	1.23	1.58	8.19
Public Assembly	799	737	1,381	687	0.09	0.07	0.07	0.07	1.16	0.78	1.01	0.74	15.77
Public Order and Safety	456	160	241	Q	0.11	0.07	0.06	Q	0.83	0.53	0.78	Q	18.43
Religious Worship	212	133	326	283	0.16	0.10	0.09	0.09	0.48	0.21	0.32	0.40	12.56
Warehouse and Storage	1,109	749	1,248	828	0.10	0.06	0.06	0.09	0.76	0.39	0.40	0.56	12.35
Other	Q	421	552	Q	Q	0.06	0.06	Q	Q	1.05	1.94	Q	17.52
Vacant	Q	112	175	137	Q	0.09	0.08	0.10	Q	0.40	0.38	0.41	24.22
Year Constructed													
1919 or Before	734	936	348	271	0.11	0.07	0.08	0.06	0.63	0.64	0.69	0.67	18.14
1920 to 1945	1,120	1,290	1,082	520	0.11	0.08	0.06	0.08	0.72	0.61	0.66	0.59	12.64
1946 to 1959	2,216	1,494	2,000	1,685	0.11	0.07	0.07	0.08	1.14	0.67	0.65	0.90	11.11
1960 to 1969	2,477	1,510	3,320	3,098	0.10	0.07	0.06	0.08	1.09	0.64	0.89	1.35	9.10
1970 to 1979	2,318	2,116	4,590	3,981	0.10	0.06	0.06	0.08	1.41	0.88	1.06	1.38	8.44
1980 to 1989	2,977	2,702	5,377	2,788	0.10	0.07	0.06	0.08	1.42	1.19	1.04	1.18	9.12
1990 to 1992	554	549	1,422	793	0.09	0.07	0.06	0.07	1.28	1.01	1.32	1.62	14.18
1993 to 1995	Q	347	870	471	0.10	0.06	0.06	0.08	1.91	0.68	1.32	1.20	16.94
Climate Zone: 45-Year Average													
Fewer than 2,000 CDD and --													
More than 7,000 HDD	1,198	2,154	Q	248	0.11	0.06	Q	0.05	1.12	0.62	Q	Q	9.38
5,500-7,000 HDD	5,662	6,022	Q	1,439	0.10	0.07	Q	0.05	1.16	0.81	Q	0.72	8.84
4,000-5,499 HDD	6,199	2,771	4,247	1,840	0.10	0.06	0.07	0.05	1.13	0.93	1.00	1.00	9.82
Fewer than 4,000 HDD	Q	Q	6,802	7,677	Q	Q	0.06	0.10	Q	Q	0.89	1.37	6.92
More than 2,000 CDD and --													
Fewer than 4,000 HDD	Q	Q	7,960	2,403	Q	Q	0.06	0.09	Q	Q	0.97	1.40	9.42
Workers (main shift)													
Fewer than 5	1,834	1,644	3,147	1,885	0.12	0.09	0.07	0.10	0.90	0.51	0.67	0.79	10.33
5 to 9	861	1,221	1,820	1,576	0.12	0.08	0.07	0.10	0.81	0.70	0.87	1.14	11.12
10 to 19	1,448	1,115	2,558	1,590	0.12	0.07	0.06	0.09	1.10	0.74	0.95	1.01	12.02
20 to 49	2,294	1,871	3,093	2,222	0.10	0.07	0.06	0.09	1.29	0.78	0.96	1.29	9.46
50 to 99	1,258	1,276	2,487	1,574	0.11	0.06	0.07	0.07	1.00	0.89	0.91	1.10	10.38
100 to 249	1,699	1,362	1,890	1,717	0.10	0.06	0.05	0.07	1.19	0.86	1.08	1.42	10.80
250 or More	3,665	2,457	4,013	3,043	0.09	0.06	0.06	0.06	1.43	1.24	1.34	1.62	9.88

See footnotes at end of table.

Table 12. Electricity Expenditures by Census Region, 1995 (Continued)

Building Characteristics	Total Electricity Expenditures (million dollars)				Electricity Expenditures (dollars)								RSE Row Factor	
					per kWh				per Square Foot					
	North-east	Mid-west	South	West										North-east
	RSE Column Factor:	1.7	1.6	1.3	1.9	0.4	0.6	0.4	0.7	1.2	1.1	0.9		1.5
Weekly Operating Hours														
39 or Fewer	362	328	658	380	0.12	0.09	0.09	0.11	0.46	0.25	0.36	0.37		14.17
40 to 48	1,774	1,810	3,453	2,398	0.11	0.07	0.07	0.09	0.82	0.52	0.71	0.91	8.57	
49 to 60	2,281	1,636	3,563	3,432	0.11	0.07	0.07	0.07	0.93	0.70	0.75	1.32	10.53	
61 to 84	2,027	2,096	3,383	2,301	0.11	0.07	0.06	0.09	0.96	0.80	1.03	1.14	8.07	
85 to 167	2,525	1,916	2,957	2,211	0.11	0.07	0.06	0.08	1.79	1.18	1.65	1.65	12.40	
Open Continuously	4,091	3,160	4,994	2,886	0.09	0.06	0.06	0.08	1.61	1.24	1.38	1.45	8.35	
Ownership and Occupancy														
Nongovernment Owned	10,073	8,729	15,489	10,535	0.10	0.07	0.06	0.08	1.17	0.79	0.94	1.15	5.23	
Owner Occupied	8,135	7,305	12,382	7,055	0.10	0.07	0.06	0.08	1.18	0.79	0.99	1.09	5.64	
Nonowner Occupied	1,919	1,364	3,045	3,440	0.11	0.07	0.07	0.10	1.18	0.84	0.82	1.34	9.32	
Unoccupied	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99	
Government Owned	2,987	2,217	3,520	3,072	0.09	0.06	0.06	0.06	1.05	0.78	0.94	1.26	11.76	
Space in Building Vacant for at Least Three Consecutive Months														
Yes	2,912	2,349	4,393	3,061	0.10	0.07	0.06	0.08	0.99	0.69	0.85	0.98	7.85	
No	10,147	8,597	14,615	10,546	0.10	0.07	0.06	0.08	1.19	0.82	0.98	1.24	5.72	
Energy Sources (more than one may apply)														
Electricity	13,059	10,946	19,009	13,607	0.10	0.07	0.06	0.08	1.14	0.79	0.94	1.17	5.10	
Natural Gas	7,660	8,726	11,559	9,376	0.10	0.07	0.06	0.08	1.08	0.81	0.94	1.20	6.29	
Fuel Oil	5,206	2,639	5,204	2,801	0.10	0.06	0.06	0.07	0.97	0.99	1.25	1.31	8.15	
District Heat	2,654	1,689	1,518	1,096	0.09	0.06	0.06	0.06	1.51	0.89	1.46	1.15	18.08	
District Chilled Water	482	878	1,365	618	0.09	0.05	0.06	0.07	1.68	1.13	1.49	1.16	14.81	
Propane	2,251	876	1,597	599	0.11	0.07	0.06	0.08	1.34	0.80	0.79	1.09	12.34	
Other	662	491	382	343	0.11	0.06	0.06	0.08	0.92	0.88	0.62	1.01	17.38	
Energy End Uses (more than one may apply)														
Buildings with Space Heating	12,934	10,861	18,533	12,516	0.10	0.07	0.06	0.08	1.17	0.81	0.98	1.17	5.22	
Buildings with Cooling	11,968	10,238	18,669	12,325	0.10	0.07	0.06	0.08	1.26	0.86	1.00	1.26	5.41	
Buildings with Water Heating	12,722	10,557	17,594	12,973	0.10	0.07	0.06	0.08	1.19	0.85	1.01	1.21	5.22	
Buildings with Cooking	6,223	4,924	9,000	5,677	0.10	0.06	0.06	0.07	1.35	1.04	1.25	1.38	7.47	
Buildings with Manufacturing	709	1,095	1,040	408	0.10	0.06	0.07	0.09	1.05	1.04	0.71	0.59	14.23	
Buildings with Electricity Generation	4,859	3,049	5,534	3,470	0.09	0.06	0.06	0.07	1.26	1.11	1.27	1.45	7.44	
Space-Heating Energy Source														
Electricity	4,558	3,900	10,538	6,061	0.10	0.06	0.06	0.07	1.48	0.96	1.06	1.20	7.52	
Electricity Main	1,843	1,779	8,272	4,386	0.09	0.06	0.06	0.08	1.68	1.15	1.12	1.27	10.22	
Electricity Secondary	2,715	2,121	2,267	1,675	0.10	0.06	0.06	0.07	1.37	0.85	0.88	1.05	10.05	
Other Excluding Electricity	8,376	6,961	7,995	6,454	0.11	0.07	0.06	0.08	1.04	0.74	0.90	1.13	6.06	
Buildings without Space Heating	Q	85	475	1,092	Q	0.08	0.07	0.11	Q	Q	0.36	1.29	21.68	
Primary Space-Heating Energy Source														
Electricity	1,843	1,779	8,272	4,386	0.09	0.06	0.06	0.08	1.68	1.15	1.12	1.27	10.22	
Natural Gas	5,122	7,066	7,595	6,885	0.10	0.07	0.06	0.08	1.10	0.77	0.87	1.13	6.48	
Fuel Oil	2,160	Q	551	Q	0.12	Q	0.07	Q	0.73	Q	0.70	Q	10.83	
District Heat	2,450	1,654	1,436	1,032	0.09	0.06	0.06	0.06	1.54	0.90	1.52	1.14	13.86	
Propane	1,099	143	432	Q	0.11	0.08	0.07	Q	2.55	0.46	0.61	Q	18.65	
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99	
Cooling Energy Source														
Electricity	11,426	9,569	18,112	11,690	0.10	0.07	0.06	0.08	1.27	0.84	1.00	1.27	5.42	
Other Excluding Electricity	542	Q	558	635	0.09	0.06	0.05	0.07	1.10	1.29	1.18	1.18	17.05	
Buildings without Cooling	1,091	708	339	1,282	0.12	0.07	0.08	0.08	0.55	0.36	0.22	0.70	13.82	

See footnotes at end of table.

Table 12. Electricity Expenditures by Census Region, 1995 (Continued)

Building Characteristics	Total Electricity Expenditures (million dollars)				Electricity Expenditures (dollars)								RSE Row Factor
					per kWh				per Square Foot				
	North-east	Mid-west	South	West									
	RSE Column Factor:	1.7	1.6	1.3	1.9	0.4	0.6	0.4	0.7	1.2	1.1	0.9	
Water-Heating Energy Source													
Electricity	5,348	3,998	9,434	5,321	0.10	0.06	0.06	0.08	1.14	0.89	0.97	1.30	7.61
Other Excluding Electricity	7,374	6,559	8,160	7,652	0.10	0.07	0.06	0.08	1.23	0.83	1.05	1.15	6.11
Buildings without Water Heating	337	389	1,415	635	0.12	0.09	0.07	0.11	0.45	0.27	0.53	0.75	12.45
Cooking Energy Source													
Electricity	3,473	3,528	5,754	3,584	0.10	0.06	0.06	0.07	1.43	1.17	1.33	1.44	9.40
Other Excluding Electricity	2,750	1,397	3,246	2,094	0.10	0.07	0.06	0.09	1.26	0.82	1.13	1.29	9.58
Buildings without Cooking	6,836	6,022	10,009	7,930	0.10	0.07	0.07	0.08	1.00	0.66	0.77	1.06	5.92
Percent of Floorspace Heated													
Not Heated	Q	85	475	1,092	Q	0.08	0.07	0.11	Q	Q	0.36	1.29	21.68
1 to 50	704	398	1,281	1,073	0.11	0.08	0.07	0.09	0.71	0.34	0.55	0.65	12.36
51 to 99	2,943	977	3,231	2,608	0.10	0.07	0.06	0.07	1.18	0.66	1.13	1.28	12.27
100	9,287	9,486	14,021	8,834	0.10	0.07	0.06	0.08	1.22	0.88	1.03	1.25	5.10
Percent of Floorspace Cooled													
Not Cooled	1,091	708	339	1,282	0.12	0.07	0.08	0.08	0.55	0.36	0.22	0.70	13.82
1 to 50	2,943	1,935	2,152	1,612	0.11	0.07	0.07	0.08	0.78	0.45	0.50	0.64	8.36
51 to 99	4,189	3,004	4,978	3,025	0.10	0.06	0.06	0.07	1.37	0.99	1.17	1.39	8.38
100	4,836	5,300	11,540	7,688	0.10	0.07	0.06	0.08	1.82	1.16	1.15	1.52	6.44
Percent Lit when Open													
Zero	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
1 to 50	Q	638	875	793	0.11	0.08	0.07	0.10	0.86	0.40	0.40	0.72	12.98
51 to 99	2,428	1,774	2,954	2,190	0.10	0.07	0.07	0.08	1.00	0.79	0.98	1.09	10.10
100	9,588	8,516	15,124	10,598	0.10	0.07	0.06	0.08	1.23	0.86	1.04	1.29	5.65
Building Not in Use/ Electricity Not Used	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Percent Lit when Closed													
Zero	1,644	1,462	2,869	2,202	0.12	0.07	0.07	0.08	0.68	0.43	0.61	0.84	10.00
1 to 50	6,640	6,104	10,151	7,565	0.11	0.07	0.07	0.08	1.13	0.80	0.94	1.17	5.80
51 to 100	616	Q	954	941	0.10	Q	0.06	0.06	1.13	Q	1.15	2.73	21.26
Never Closed	4,091	3,160	4,994	2,875	0.09	0.06	0.06	0.08	1.61	1.24	1.38	1.45	8.36
Building Not in Use/ Electricity Not Used	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Annual Consumption (kilowatthours)													
10,000 or Less	97	123	172	82	0.15	0.11	0.11	0.11	0.19	0.14	0.17	0.13	12.12
10,001 to 50,000	861	1,042	1,367	993	0.14	0.09	0.09	0.11	0.51	0.37	0.41	0.54	8.20
50,001 to 100,000	1,063	855	1,813	1,226	0.13	0.09	0.08	0.10	0.81	0.61	0.73	0.74	10.41
100,001 to 500,000	3,702	2,837	5,234	4,116	0.11	0.07	0.07	0.09	1.31	0.78	0.96	1.42	7.07
500,001 to 1,000,000	1,413	1,210	2,400	1,382	0.10	0.07	0.06	0.08	1.27	0.92	1.12	1.23	10.45
1,000,001 to 5,000,000	2,802	2,818	4,329	3,288	0.09	0.06	0.06	0.07	1.27	1.12	1.28	1.58	7.78
Over 5,000,000	3,121	2,060	3,693	2,520	0.09	0.05	0.05	0.06	1.75	1.53	1.64	1.85	12.12

NF = No applicable RSE row factor.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding RSE column and RSE row factors. • See Glossary for explanation of abbreviations and definitions of terms used in this report. • Statistics for the "energy end uses" represent consumption in buildings that have end use, not consumption for a particular fuel for a particular end use. • Because of rounding, data may not sum to totals.

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

Table 13. Electricity Consumption and Conditional Energy Intensity by Building Size, 1995

Building Characteristics	Total Electricity Consumption (billion kWh)			Total Floorspace of Buildings Using Electricity (million square feet)			Electricity Energy Intensity (kWh/sq. ft.)			RSE Row Factor
	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	
	1.3	1.0	1.3	1.0	0.9	1.0	1.0	0.8	0.9	
RSE Column Factor:	1.3	1.0	1.3	1.0	0.9	1.0	1.0	0.8	0.9	
All Buildings	181	312	271	13,014	26,840	17,222	13.9	11.6	15.8	5.42
Principal Building Activity										
Education	9	36	20	654	4,623	2,408	13.1	7.8	8.3	11.55
Food Sales	21	14	Q	367	269	Q	56.6	51.5	Q	16.33
Food Service	39	10	Q	940	406	Q	41.2	24.4	Q	25.47
Health Care	4	12	46	294	556	1,483	14.4	21.3	30.8	15.34
Lodging	8	28	19	419	1,858	1,324	18.1	15.1	14.6	15.22
Mercantile and Service	44	59	46	3,965	5,384	3,280	11.0	10.9	14.1	12.16
Office	30	76	92	1,999	4,416	4,052	15.1	17.1	22.7	10.92
Public Assembly	7	27	16	1,098	1,909	922	6.8	14.0	17.0	16.68
Public Order and Safety	1	9	Q	233	755	Q	6.2	12.2	Q	32.86
Religious Worship	4	6	Q	964	1,797	Q	3.7	3.2	Q	15.49
Warehouse and Storage	11	22	19	1,408	3,784	2,824	7.5	5.7	6.8	16.55
Other	Q	12	8	Q	531	308	Q	22.4	24.4	27.83
Vacant	Q	2	Q	512	552	Q	3.7	4.1	Q	32.36
Year Constructed										
1919 or Before	10	10	Q	1,118	1,684	724	8.7	5.8	Q	17.63
1920 to 1945	15	19	17	1,608	2,566	2,001	9.1	7.3	8.7	15.44
1946 to 1959	26	43	26	2,764	4,453	1,905	9.4	9.7	13.6	13.25
1960 to 1969	28	64	46	1,985	5,162	3,502	14.0	12.4	13.2	12.26
1970 to 1979	39	60	81	2,421	4,803	4,021	16.2	12.5	20.1	10.87
1980 to 1989	40	83	66	1,984	6,212	3,713	20.2	13.4	17.9	10.59
1990 to 1992	15	16	17	655	1,022	868	22.7	15.6	19.5	14.77
1993 to 1995	9	16	8	479	938	488	18.7	17.4	16.4	23.13
Census Region and Division										
Northeast	29	42	57	2,056	4,835	4,554	13.9	8.8	12.5	10.33
New England	7	11	11	511	1,537	1,024	14.5	6.9	10.6	16.10
Middle Atlantic	21	32	46	1,545	3,298	3,529	13.8	9.6	13.0	12.41
Midwest	32	70	62	3,259	6,250	4,378	9.8	11.2	14.1	10.87
East North Central	20	44	40	2,105	4,103	3,214	9.7	10.8	12.4	12.80
West North Central	12	26	22	1,154	2,147	1,163	10.1	11.9	18.9	18.55
South	77	125	99	4,817	9,869	5,472	16.1	12.6	18.1	8.19
South Atlantic	32	55	55	2,006	4,353	2,943	16.1	12.7	18.8	11.30
East South Central	22	33	15	1,210	2,570	894	17.9	12.8	17.0	16.21
West South Central	24	37	28	1,601	2,946	1,635	14.7	12.4	17.3	13.42
West	43	75	54	2,882	5,886	2,819	15.0	12.7	19.1	13.35
Mountain	10	29	14	898	2,136	786	10.8	13.8	18.0	19.98
Pacific	33	46	40	1,984	3,750	2,033	16.8	12.1	19.6	16.17
Climate Zone: 45-Year Average										
Fewer than 2,000 CDD and --										
More than 7,000 HDD	14	22	16	1,439	2,503	991	10.0	8.8	16.1	18.19
5,500-7,000 HDD	35	70	63	2,728	6,536	5,091	12.9	10.6	12.3	9.90
4,000-5,499 HDD	40	71	94	3,264	5,896	5,399	12.3	12.0	17.4	13.43
Fewer than 4,000 HDD	50	84	56	2,894	7,105	3,269	17.3	11.8	17.0	12.46
More than 2,000 CDD and --										
Fewer than 4,000 HDD	42	65	43	2,688	4,799	2,472	15.4	13.6	17.4	11.57
Workers (main shift)										
Fewer than 5	72	22	Q	6,980	4,708	654	10.4	4.6	Q	11.91
5 to 9	41	24	Q	2,810	3,183	Q	14.7	7.5	Q	12.23
10 to 19	40	43	2	2,332	4,055	715	17.2	10.7	3.5	17.11
20 to 49	26	89	9	826	7,206	1,071	31.4	12.3	8.4	13.46
50 to 99	Q	62	28	Q	4,304	2,506	Q	14.4	11.2	10.32
100 to 249	Q	52	45	Q	2,539	3,420	Q	20.5	13.2	11.40
250 or More	Q	21	184	Q	846	8,579	Q	24.3	21.5	14.16

See footnotes at end of table.

**Table 13. Electricity Consumption and Conditional Energy Intensity
by Building Size, 1995 (Continued)**

Building Characteristics	Total Electricity Consumption (billion kWh)			Total Floorspace of Buildings Using Electricity (million square feet)			Electricity Energy Intensity (kWh/sq. ft.)			RSE Row Factor
	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	
	1.3	1.0	1.3	1.0	0.9	1.0	1.0	0.8	0.9	
RSE Column Factor:										
Weekly Operating Hours										
39 or Fewer	10	7	Q	2,608	2,026	Q	3.7	3.5	Q	15.31
40 to 48	38	61	19	3,725	7,113	2,304	10.3	8.6	8.2	11.34
49 to 60	33	61	51	2,889	6,562	2,683	11.5	9.4	19.1	13.51
61 to 84	26	51	51	1,671	4,395	3,955	15.4	11.6	12.8	10.38
85 to 167	45	51	32	1,100	2,316	2,316	41.0	18.5	13.6	12.30
Open Continuously	29	80	118	1,021	4,001	5,666	28.8	20.1	20.8	11.36
Ownership and Occupancy										
Nongovernment Owned	162	242	187	11,556	21,126	12,543	14.1	11.5	14.9	5.68
Owner Occupied	128	185	158	9,422	15,666	10,022	13.6	11.8	15.8	6.21
Nonowner Occupied	33	57	28	1,842	5,271	2,405	18.2	10.7	11.7	12.61
Unoccupied	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Government Owned	19	70	85	1,458	5,714	4,679	12.9	12.2	18.1	13.11
Space in Building Vacant for at Least Three Consecutive Months										
Yes	12	62	100	1,673	5,946	7,011	7.1	10.4	14.3	11.26
No	169	250	171	11,341	20,894	10,211	14.9	12.0	16.7	6.42
Energy Sources (more than one may apply)										
Electricity	181	312	271	13,014	26,840	17,222	13.9	11.6	15.8	5.42
Natural Gas	101	211	188	7,436	18,374	12,199	13.5	11.5	15.4	6.95
Fuel Oil	15	62	152	1,570	4,545	8,231	9.3	13.5	18.5	11.57
District Heat	Q	31	70	Q	1,766	3,669	Q	17.5	19.0	19.55
District Chilled Water	Q	12	41	Q	862	1,572	Q	14.2	25.9	17.80
Propane	24	30	11	1,874	2,541	925	12.8	11.9	12.4	16.96
Other	5	12	7	654	1,044	533	8.0	11.5	13.2	25.86
Energy End Uses (more than one may apply)										
Buildings with Space Heating	174	306	266	11,955	25,526	16,629	14.5	12.0	16.0	5.50
Buildings with Cooling	161	297	267	9,893	23,615	16,277	16.3	12.6	16.4	5.50
Buildings with Water Heating	161	303	268	10,210	24,690	16,463	15.8	12.3	16.3	5.58
Buildings with Cooking	62	112	191	2,241	8,077	10,293	27.5	13.9	18.6	8.58
Buildings with Manufacturing	5	21	20	564	2,006	1,315	9.7	10.3	15.1	23.13
Buildings with Electricity Generation	8	78	165	483	4,045	8,818	17.6	19.2	18.8	12.24
Space-Heating Energy Source										
Electricity	82	148	128	4,269	10,618	7,269	19.3	13.9	17.6	8.44
Electricity Main	63	99	76	2,841	6,724	3,935	22.0	14.7	19.2	11.28
Electricity Secondary	20	49	53	1,428	3,894	3,334	13.9	12.5	15.8	12.98
Other Excluding Electricity	91	158	138	7,686	14,909	9,360	11.9	10.6	14.7	6.39
Buildings without Space Heating	8	6	5	1,059	1,314	593	7.2	4.6	8.7	32.36
Primary Space-Heating Energy Source										
Electricity	63	99	76	2,841	6,724	3,935	22.0	14.7	19.2	11.28
Natural Gas	80	156	115	6,583	14,088	8,015	12.1	11.1	14.3	6.98
Fuel Oil	9	10	7	1,241	1,948	963	7.5	5.4	7.5	16.31
District Heat	Q	30	64	Q	1,702	3,364	Q	17.9	19.1	13.60
Propane	13	6	Q	796	706	Q	15.9	8.5	Q	31.47
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99

See footnotes at end of table.

Table 13. Electricity Consumption and Conditional Energy Intensity by Building Size, 1995 (Continued)

Building Characteristics	Total Electricity Consumption (billion kWh)			Total Floorspace of Buildings Using Electricity (million square feet)			Electricity Energy Intensity (kWh/sq. ft.)			RSE Row Factor
	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	
	1.3	1.0	1.3	1.0	0.9	1.0	1.0	0.8	0.9	
RSE Column Factor:	1.3	1.0	1.3	1.0	0.9	1.0	1.0	0.8	0.9	
Cooling Energy Source										
Electricity	156	286	245	9,707	22,699	15,355	16.1	12.6	16.0	5.60
Other Excluding Electricity	5	11	22	185	915	923	Q	12.0	23.8	26.07
Buildings without Cooling	20	15	4	3,121	3,225	945	6.5	4.7	4.1	21.18
Water-Heating Energy Source										
Electricity	85	129	119	4,991	10,744	7,322	17.1	12.0	16.3	9.32
Other Excluding Electricity	76	174	148	5,219	13,946	9,141	14.5	12.5	16.2	6.80
Buildings without Water Heating	20	9	4	2,804	2,150	759	7.2	4.3	4.9	19.98
Cooking Energy Source										
Electricity	45	65	133	1,327	4,224	6,698	33.8	15.5	19.9	11.16
Other Excluding Electricity	17	47	58	913	3,853	3,595	18.3	12.1	16.1	12.50
Buildings without Cooking	120	200	80	10,773	18,763	6,929	11.1	10.6	11.6	6.59
Percent of Floorspace Heated										
Not Heated	8	6	5	1,059	1,314	593	7.2	4.6	8.7	32.36
1 to 50	13	15	14	1,766	2,823	1,564	7.6	5.3	9.0	16.66
51 to 99	29	46	54	1,963	3,847	3,049	14.9	11.9	17.7	14.87
100	131	245	198	8,226	18,856	12,016	15.9	13.0	16.5	5.38
Percent of Floorspace Cooled										
Not Cooled	20	15	4	3,121	3,225	945	6.5	4.7	4.1	21.18
1 to 50	25	51	29	2,934	7,789	4,195	8.4	6.6	7.0	9.75
51 to 99	31	72	110	1,720	5,027	5,789	18.1	14.4	18.9	10.83
100	105	173	129	5,239	10,799	6,293	20.1	16.0	20.4	6.90
Percent Lit when Open										
Zero	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
1 to 50	17	17	3	2,053	3,207	749	8.2	5.2	3.9	17.70
51 to 99	27	48	45	2,110	4,662	2,919	13.0	10.3	15.5	11.31
100	136	246	223	8,488	18,590	13,436	16.1	13.2	16.6	6.63
Building Not in Use/ Electricity Not Used	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Percent Lit when Closed										
Zero	43	45	11	5,087	6,706	1,308	8.4	6.8	8.6	13.13
1 to 50	104	173	118	6,335	15,230	9,147	16.4	11.4	12.9	6.42
51 to 100	5	12	Q	282	625	1,007	17.1	19.3	24.2	27.38
Never Closed	29	80	118	1,021	4,001	5,654	28.8	20.1	20.8	11.38
Building Not in Use/ Electricity Not Used	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Annual Consumption (kilowatthours)										
10,000 or Less	4	(*)	Q	2,572	407	Q	1.5	0.3	Q	15.15
10,001 to 50,000	36	6	Q	5,641	3,900	Q	6.3	1.6	Q	8.59
50,001 to 100,000	36	17	Q	2,405	4,239	Q	14.9	3.9	Q	9.90
100,001 to 500,000	94	97	3	2,298	10,810	1,707	40.8	9.0	1.6	9.01
500,001 to 1,000,000	Q	72	7	Q	3,902	1,717	Q	18.3	4.3	8.96
1,000,001 to 5,000,000	Q	107	90	Q	3,427	6,735	Q	31.1	13.3	7.68
Over 5,000,000	Q	Q	171	Q	Q	6,594	Q	Q	26.0	9.78

(*) = Value rounds to zero in the units displayed.

NF = No applicable RSE row factor.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding RSE column and RSE row factors. • See Glossary for explanation of abbreviations and definitions of terms used in this report. • Statistics for the "energy end uses" represent consumption in buildings that have end use, not consumption for a particular fuel for a particular end use. • Because of rounding, data may not sum to totals.

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

**Table 14. Electricity Consumption and Conditional Energy Intensity
by Year Constructed, 1995**

Building Characteristics	Total Electricity Consumption (billion kWh)			Total Floorspace of Buildings Using Electricity (million square feet)			Electricity Energy Intensity (kWh/sq. ft.)			RSE Row Factor
	1959 or Before	1960-1989	1990-1995	1959 or Before	1960-1989	1990-1995	1959 or Before	1960-1989	1990-1995	
	1.2	0.8	1.8	0.9	0.6	1.4	0.9	0.6	1.2	
RSE Column Factor:	1.2	0.8	1.8	0.9	0.6	1.4	0.9	0.6	1.2	
All Buildings	175	508	81	18,824	33,802	4,449	9.3	15.0	18.2	6.80
Building Floorspace (square feet)										
1,001 to 5,000	28	67	17	2,315	3,088	550	12.0	21.6	31.0	15.36
5,001 to 10,000	22	41	7	3,176	3,302	583	7.1	12.3	11.6	16.92
10,001 to 25,000	34	73	6	4,047	6,829	428	8.3	10.7	13.9	13.12
25,001 to 50,000	17	63	13	2,235	4,673	726	7.8	13.4	17.5	11.67
50,001 to 100,000	21	72	14	2,421	4,675	806	8.6	15.4	16.9	14.05
100,001 to 200,000	19	70	10	1,870	4,098	631	10.0	17.0	16.5	14.46
200,001 to 500,000	17	66	7	1,683	3,519	348	10.0	18.8	20.5	14.93
Over 500,000	17	58	7	1,078	3,620	377	16.2	16.0	19.6	18.67
Principal Building Activity										
Education	24	36	5	3,467	3,687	531	6.9	9.6	9.9	11.96
Food Sales	7	19	Q	145	379	Q	47.0	49.8	Q	24.77
Food Service	10	31	Q	460	782	Q	22.4	39.2	Q	27.59
Health Care	10	46	5	508	1,600	224	20.6	28.7	24.4	15.43
Lodging	11	41	3	986	2,371	244	11.1	17.2	12.7	15.42
Mercantile and Service	32	100	17	3,748	7,817	1,066	8.5	12.8	15.6	14.28
Office	41	142	15	3,015	6,666	785	13.7	21.3	18.8	11.60
Public Assembly	14	27	9	1,581	1,940	408	8.7	14.1	21.4	19.52
Public Order and Safety	4	9	Q	417	753	Q	9.6	11.7	Q	39.16
Religious Worship	3	6	Q	991	1,643	Q	2.9	3.7	Q	18.03
Warehouse and Storage	11	35	6	2,419	5,026	571	4.5	6.9	10.2	19.78
Other	Q	15	Q	Q	597	Q	Q	24.6	Q	34.23
Vacant	2	3	Q	791	542	Q	3.0	4.8	Q	33.26
Census Region and Division										
Northeast	38	77	13	4,649	6,017	779	8.2	12.8	16.5	15.43
New England	7	20	Q	1,085	1,782	Q	6.2	11.5	Q	17.78
Middle Atlantic	31	57	11	3,564	4,235	574	8.8	13.4	19.4	19.19
Midwest	53	98	13	5,804	7,030	1,053	9.1	13.9	12.6	13.07
East North Central	33	62	10	4,287	4,456	679	7.7	13.8	14.3	15.48
West North Central	20	36	4	1,516	2,575	374	13.0	14.0	9.4	20.54
South	51	212	37	5,209	13,213	1,736	9.8	16.1	21.5	10.13
South Atlantic	23	101	18	2,174	6,237	890	10.5	16.3	20.8	14.07
East South Central	10	52	0	951	3,339	383	10.6	15.5	21.0	21.95
West South Central	18	59	11	2,083	3,636	463	8.8	16.3	23.4	17.78
West	33	121	18	3,163	7,543	882	10.5	16.1	20.0	14.74
Mountain	16	31	Q	1,423	2,121	277	10.9	14.7	23.4	25.75
Pacific	18	90	11	1,740	5,422	605	10.1	16.6	18.4	17.69
Climate Zone: 45-Year Average										
Fewer than 2,000 CDD and --										
More than 7,000 HDD	11	35	6	1,621	2,901	412	6.9	12.1	14.5	20.14
5,500-7,000 HDD	52	98	17	6,271	7,125	960	8.4	13.7	18.1	14.04
4,000-5,499 HDD	55	129	21	5,265	7,988	1,305	10.5	16.1	15.9	14.16
Fewer than 4,000 HDD	33	136	21	3,247	8,942	1,079	10.1	15.2	19.8	13.71
More than 2,000 CDD and --										
Fewer than 4,000 HDD	23	111	15	2,420	6,847	693	9.6	16.2	22.3	14.28
Workers (main shift)										
Fewer than 5	31	53	12	5,314	6,087	941	5.9	8.7	12.9	14.13
5 to 9	22	40	4	2,831	3,198	240	7.6	12.5	16.5	15.43
10 to 19	17	58	11	2,437	4,179	486	7.0	13.8	22.7	16.05
20 to 49	33	74	17	3,128	5,133	842	10.4	14.4	20.1	12.49
50 to 99	18	64	9	1,756	4,470	633	10.2	14.2	14.8	12.47
100 to 249	19	68	11	1,625	3,718	632	11.9	18.2	17.0	13.85
250 or More	35	152	17	1,733	7,017	675	20.5	21.7	25.1	14.71

See footnotes at end of table.

**Table 14. Electricity Consumption and Conditional Energy Intensity
by Year Constructed, 1995 (Continued)**

Building Characteristics	Total Electricity Consumption (billion kWh)			Total Floorspace of Buildings Using Electricity (million square feet)			Electricity Energy Intensity (kWh/sq. ft.)			RSE Row Factor
	1959 or Before	1960-1989	1990-1995	1959 or Before	1960-1989	1990-1995	1959 or Before	1960-1989	1990-1995	
	1.2	0.8	1.8	0.9	0.6	1.4	0.9	0.6	1.2	
RSE Column Factor:	1.2	0.8	1.8	0.9	0.6	1.4	0.9	0.6	1.2	
Weekly Operating Hours										
39 or Fewer	7	10	1	2,220	2,370	341	3.2	4.1	3.8	17.26
40 to 48	39	68	11	5,828	6,368	946	6.7	10.7	12.0	12.44
49 to 60	33	97	16	3,939	7,234	960	8.3	13.5	16.2	14.44
61 to 84	24	90	13	2,592	6,745	684	9.4	13.3	19.2	11.24
85 to 167	26	86	16	1,565	4,054	540	16.6	21.1	29.1	14.34
Open Continuously	46	158	24	2,680	7,031	978	17.1	22.4	24.6	12.90
Ownership and Occupancy										
Nongovernment Owned	119	404	67	14,039	27,599	3,586	8.5	14.7	18.8	7.43
Owner Occupied	102	311	58	11,549	20,655	2,907	8.8	15.1	20.1	7.88
Nonowner Occupied	17	92	9	2,147	6,695	677	8.0	13.7	13.6	13.10
Unoccupied	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Government Owned	56	104	14	4,785	6,203	863	11.6	16.8	15.7	13.10
Space in Building Vacant for at Least Three Consecutive Months										
Yes	29	129	16	4,231	9,433	965	6.9	13.7	16.2	9.77
No	146	379	65	14,593	24,369	3,484	10.0	15.5	18.8	7.53
Energy Sources (more than one may apply)										
Electricity	175	508	81	18,824	33,802	4,449	9.3	15.0	18.2	6.80
Natural Gas	125	323	51	13,605	21,679	2,724	9.2	14.9	18.9	8.21
Fuel Oil	46	161	21	4,277	8,890	1,178	10.6	18.1	18.1	11.95
District Heat	39	58	Q	2,359	2,869	Q	16.5	20.3	Q	20.75
District Chilled Water	16	34	4	661	1,598	258	24.8	21.4	17.3	22.54
Propane	11	48	7	1,192	3,523	626	9.0	13.7	10.6	19.45
Other	7	15	Q	914	1,167	Q	7.2	13.0	Q	26.42
Energy End Uses (more than one may apply)										
Buildings with Space Heating	173	492	80	17,929	31,913	4,269	9.6	15.4	18.8	6.90
Buildings with Cooling	161	485	79	15,328	30,490	3,967	10.5	15.9	19.9	7.17
Buildings with Water Heating	166	489	75	16,580	30,882	3,901	10.0	15.8	19.3	6.80
Buildings with Cooking	75	246	44	5,949	12,827	1,834	12.5	19.2	24.1	9.57
Buildings with Manufacturing	14	28	Q	1,406	2,163	Q	10.2	13.0	Q	28.08
Buildings with Electricity Generation	43	182	27	2,720	9,309	1,317	15.7	19.6	20.2	10.96
Space-Heating Energy Source										
Electricity	56	257	45	5,262	14,735	2,158	10.6	17.5	20.9	9.65
Electricity Main	26	178	34	2,257	9,892	1,351	11.4	18.0	24.8	13.07
Electricity Secondary	30	79	12	3,005	4,843	807	10.1	16.3	14.3	12.53
Other Excluding Electricity	117	235	35	12,667	17,177	2,110	9.2	13.7	16.7	8.27
Buildings without Space Heating	2	16	Q	895	1,890	Q	2.4	8.5	Q	30.01
Primary Space-Heating Energy Source										
Electricity	26	178	34	2,257	9,892	1,351	11.4	18.0	24.8	13.07
Natural Gas	93	223	35	10,746	15,895	2,046	8.6	14.0	17.0	8.35
Fuel Oil	11	14	Q	2,046	1,894	Q	5.5	7.6	Q	18.11
District Heat	38	55	8	2,262	2,653	362	16.8	20.6	23.2	19.83
Propane	Q	16	Q	160	1,163	Q	Q	13.7	Q	37.85
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99

See footnotes at end of table.

**Table 14. Electricity Consumption and Conditional Energy Intensity
by Year Constructed, 1995 (Continued)**

Building Characteristics	Total Electricity Consumption (billion kWh)			Total Floorspace of Buildings Using Electricity (million square feet)			Electricity Energy Intensity (kWh/sq. ft.)			RSE Row Factor
	1959 or Before	1960-1989	1990-1995	1959 or Before	1960-1989	1990-1995	1959 or Before	1960-1989	1990-1995	
	1.2	0.8	1.8	0.9	0.6	1.4	0.9	0.6	1.2	
RSE Column Factor:	1.2	0.8	1.8	0.9	0.6	1.4	0.9	0.6	1.2	
Cooling Energy Source										
Electricity	148	464	75	14,852	29,150	3,759	9.9	15.9	20.1	7.00
Other Excluding Electricity	13	21	Q	476	1,340	Q	28.2	15.7	Q	28.92
Buildings without Cooling	14	23	2	3,496	3,313	483	4.0	7.0	4.7	19.15
Water-Heating Energy Source										
Electricity	61	235	38	5,750	15,217	2,089	10.5	15.4	18.1	10.82
Other Excluding Electricity	106	254	37	10,829	15,665	1,812	9.8	16.2	20.7	7.67
Buildings without Water Heating	8	19	6	2,245	2,921	548	3.8	6.5	10.4	21.50
Cooking Energy Source										
Electricity	43	170	30	2,990	8,080	1,178	14.3	21.0	25.9	12.44
Other Excluding Electricity	32	76	14	2,959	4,747	656	10.7	16.0	21.0	13.24
Buildings without Cooking	100	262	37	12,875	20,975	2,615	7.8	12.5	14.1	8.23
Percent of Floorspace Heated										
Not Heated	2	16	Q	895	1,890	Q	2.4	8.5	Q	30.01
1 to 50	11	29	3	2,356	3,463	334	4.5	8.3	8.9	18.97
51 to 99	27	88	13	3,048	5,117	694	9.0	17.2	19.4	16.06
100	135	375	64	12,525	23,333	3,241	10.8	16.1	19.7	7.19
Percent of Floorspace Cooled										
Not Cooled	14	23	2	3,496	3,313	483	4.0	7.0	4.7	19.15
1 to 50	37	62	6	6,364	7,857	696	5.9	7.9	8.3	11.71
51 to 99	46	148	18	3,748	7,818	971	12.4	19.0	18.9	10.73
100	77	275	55	5,217	14,815	2,300	14.8	18.5	23.8	9.48
Percent Lit when Open										
Zero	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
1 to 50	15	16	Q	3,136	2,543	329	4.9	6.4	Q	15.20
51 to 99	34	78	9	3,726	5,374	592	9.0	14.5	15.5	12.51
100	125	414	67	11,516	25,500	3,498	10.8	16.2	19.2	7.78
Building Not in Use/ Electricity Not Used	Q	Q	Q	382	Q	Q	Q	Q	Q	30.13
Percent Lit when Closed										
Zero	31	58	11	5,111	6,944	1,046	6.0	8.3	10.4	13.67
1 to 50	94	262	39	10,234	18,325	2,152	9.2	14.3	18.0	7.99
51 to 100	4	30	Q	418	1,230	Q	8.7	24.6	Q	35.68
Never Closed	46	158	24	2,680	7,019	978	17.1	22.5	24.6	12.92
Building Not in Use/ Electricity Not Used	Q	Q	Q	382	Q	Q	Q	Q	Q	30.13
Annual Consumption (kilowatthours)										
10,000 or Less	2	2	Q	1,544	1,319	Q	1.2	1.4	Q	14.99
10,001 to 50,000	17	21	4	4,315	4,684	699	4.0	4.4	5.4	12.26
50,001 to 100,000	17	32	3	2,721	3,918	237	6.4	8.3	11.6	15.31
100,001 to 500,000	55	117	22	5,464	8,303	1,049	10.1	14.1	20.9	11.17
500,001 to 1,000,000	16	60	12	1,355	3,726	621	11.5	16.2	18.9	15.00
1,000,001 to 5,000,000	35	139	25	2,261	6,843	1,074	15.4	20.3	23.7	9.94
Over 5,000,000	33	137	15	1,165	5,009	574	28.1	27.4	26.2	17.38

(*) = Value rounds to zero in the units displayed.

NF = No applicable RSE row factor.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding RSE column and RSE row factors. • See Glossary for explanation of abbreviations and definitions of terms used in this report. • Statistics for the "energy end uses" represent consumption in buildings that have end use, not consumption for a particular fuel for a particular end use. • Because of rounding, data may not sum to totals.

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

Table 15. Season of Peak Electricity Demand, Number of Buildings and Floorspace, 1995

Building Characteristics	Number of Buildings (thousand)					Total Floorspace (million square feet)					RSE Row Factor
	Buildings Not Demand- Metered	Demand- Metered Buildings	Season of Peak Electricity Demand			Buildings Not Demand- Metered	Demand- Metered Buildings	Season of Peak Electricity Demand			
			Summer	Winter	Summer and Winter			Summer	Winter	Summer and Winter	
RSE Column Factor:	0.9	0.7	0.9	1.3	2.0	0.9	0.6	0.7	1.0	2.0	
All Buildings	2,121	2,223	1,361	671	191	18,371	38,705	24,462	11,872	2,371	8.41
Building Floorspace (square feet)											
1,001 to 5,000	1,296	957	584	276	97	3,334	2,619	1,633	756	230	13.36
5,001 to 10,000	466	504	313	144	47	3,407	3,654	2,283	1,022	349	15.56
10,001 to 25,000	256	468	281	156	31	3,815	7,488	4,538	2,378	573	15.29
25,001 to 50,000	60	151	88	53	10	2,180	5,455	3,143	1,942	370	12.92
50,001 to 100,000	26	88	59	26	Q	1,788	6,114	4,034	1,836	Q	12.30
100,001 to 200,000	10	36	23	11	Q	1,416	5,182	3,272	1,589	Q	17.23
200,001 to 500,000	4	14	10	4	Q	1,328	4,222	2,837	1,177	Q	17.08
Over 500,000	1	4	3	1	Q	1,103	3,971	2,723	1,172	Q	20.55
Principal Building Activity											
Education	110	198	124	67	8	2,237	5,448	3,159	1,901	388	16.07
Food Sales	38	99	54	Q	Q	155	486	338	Q	Q	28.22
Food Service	95	189	147	Q	Q	427	926	778	Q	Q	24.95
Health Care	33	72	35	37	Q	515	1,818	1,474	305	Q	25.73
Lodging	69	89	49	39	Q	974	2,626	1,490	1,089	Q	22.37
Mercantile and Service	630	644	327	218	100	4,344	8,286	4,580	2,832	874	14.25
Office	356	349	249	96	5	2,739	7,728	5,332	2,213	182	15.13
Public Assembly	181	145	103	29	Q	1,442	2,487	1,636	660	Q	24.28
Public Order and Safety	47	40	35	Q	Q	439	832	649	Q	Q	42.14
Religious Worship	168	102	67	28	Q	1,324	1,468	934	451	Q	29.03
Warehouse and Storage	290	187	100	55	32	2,806	5,209	3,156	1,618	435	21.72
Other	Q	49	38	Q	Q	295	705	610	Q	Q	47.65
Vacant	85	59	Q	18	Q	673	685	Q	296	Q	31.45
Year Constructed											
1919 or Before	172	163	85	57	Q	1,503	2,024	1,225	557	Q	23.98
1920 to 1945	274	234	146	64	24	2,076	4,099	2,346	1,322	431	21.48
1946 to 1959	427	411	262	115	34	3,106	6,017	3,869	1,839	309	17.24
1960 to 1969	358	337	219	83	35	3,190	7,459	4,922	2,026	511	16.54
1970 to 1979	342	466	277	152	37	3,499	7,746	4,896	2,456	395	14.81
1980 to 1989	328	464	285	142	38	3,528	8,381	5,368	2,686	328	15.60
1990 to 1992	121	83	52	30	Q	833	1,711	1,116	532	Q	23.34
1993 to 1995	98	64	36	26	Q	637	1,268	721	455	Q	31.75
Census Region and Division											
Northeast	242	455	274	146	34	2,845	8,599	5,511	2,667	421	18.19
New England	108	82	49	32	Q	1,497	1,575	949	580	Q	32.79
Middle Atlantic	134	373	226	114	Q	1,347	7,025	4,562	2,087	Q	21.51
Midwest	587	486	297	128	62	5,136	8,751	5,311	2,577	863	17.24
East North Central	385	313	183	83	47	3,554	5,868	3,236	1,940	692	21.63
West North Central	202	173	114	Q	Q	1,582	2,883	2,075	637	Q	26.48
South	793	855	529	256	70	5,792	14,365	9,250	4,319	796	12.40
South Atlantic	326	316	196	104	17	2,325	6,977	4,444	2,235	297	17.00
East South Central	279	159	92	59	Q	2,235	2,438	1,605	776	Q	30.78
West South Central	188	380	241	94	46	Q	4,950	3,201	1,308	442	16.16
West	499	426	261	140	Q	4,599	6,989	4,389	2,309	291	19.32
Mountain	154	149	83	46	Q	1,396	2,425	1,364	880	Q	32.77
Pacific	345	277	178	94	5	3,202	4,564	3,025	1,429	110	22.60
Climate Zone: 45-Year Average											
Fewer than 2,000 CDD and --											
More than 7,000 HDD	283	183	133	34	Q	1,951	2,983	2,001	706	Q	30.46
5,500-7,000 HDD	413	522	284	182	57	4,952	9,403	5,095	3,471	837	16.98
4,000-5,499 HDD	550	455	252	164	39	4,385	10,174	6,458	3,357	358	17.17
Fewer than 4,000 HDD	537	514	340	154	20	5,435	7,833	5,387	2,012	433	21.80
More than 2,000 CDD and --											
Fewer than 4,000 HDD	337	548	352	136	60	1,648	8,312	5,520	2,325	467	15.72

See footnotes at end of table.

Table 15. Season of Peak Electricity Demand, Number of Buildings and Floorspace, 1995 (Continued)

Building Characteristics	Number of Buildings (thousand)					Total Floorspace (million square feet)					RSE Row Factor
	Buildings Not Demand- Metered	Demand- Metered Buildings	Season of Peak Electricity Demand			Buildings Not Demand- Metered	Demand- Metered Buildings	Season of Peak Electricity Demand			
			Summer	Winter	Summer and Winter			Summer	Winter	Summer and Winter	
RSE Column Factor:	0.9	0.7	0.9	1.3	2.0	0.9	0.6	0.7	1.0	2.0	
Workers (main shift)											
Fewer than 5	1,290	984	550	313	121	6,022	6,320	3,361	2,165	794	12.58
5 to 9	344	453	298	120	Q	2,122	4,148	2,564	1,175	Q	17.64
10 to 19	300	325	213	98	Q	2,933	4,168	2,631	1,342	195	16.32
20 to 49	120	276	174	86	16	2,446	6,657	4,123	2,141	393	15.73
50 to 99	36	101	67	31	Q	1,448	5,412	3,434	1,815	Q	16.46
100 to 249	16	55	37	16	Q	1,464	4,511	2,995	1,357	Q	15.31
250 or More	Q	30	21	7	Q	1,936	7,488	5,353	1,877	Q	15.02
Weekly Operating Hours											
39 or Fewer	511	235	134	64	Q	2,795	2,137	1,370	567	Q	22.71
40 to 48	672	582	355	185	42	4,595	8,547	5,287	2,786	474	13.61
49 to 60	438	511	308	152	52	3,895	8,239	4,879	2,655	705	14.95
61 to 84	225	341	204	107	30	2,999	7,022	3,913	2,621	489	16.74
85 to 167	116	291	194	76	Q	1,732	4,427	3,126	1,001	Q	15.96
Open Continuously	159	262	166	86	10	2,356	8,332	5,887	2,242	203	15.84
Ownership and Occupancy											
Nongovernment Owned	1,898	1,913	1,166	583	164	15,339	29,885	18,785	9,321	1,779	9.28
Owner Occupied	1,559	1,504	912	460	132	11,957	23,153	14,510	7,333	1,311	10.01
Nonowner Occupied	295	374	238	110	26	3,062	6,457	4,117	1,893	446	18.15
Unoccupied	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Government Owned	223	310	195	87	27	3,032	8,819	5,677	2,551	592	15.13
Space in Building Vacant for at Least Three Consecutive Months											
Yes	358	288	178	83	27	4,918	9,712	6,270	2,872	570	16.55
No	1,762	1,935	1,183	588	164	13,453	28,993	18,192	9,000	1,801	8.83
Energy Sources (more than one may apply)											
Electricity	2,121	2,223	1,361	671	191	18,371	38,705	24,462	11,872	2,371	8.41
Natural Gas	1,075	1,401	948	331	122	11,339	26,670	17,982	6,992	1,696	10.43
Fuel Oil	331	264	156	82	Q	4,157	10,188	6,861	2,857	Q	18.51
District Heat	Q	84	60	22	Q	1,317	4,329	3,301	879	Q	36.45
District Chilled Water	10	43	Q	14	Q	582	1,935	1,300	536	Q	33.83
Propane	319	270	178	91	Q	1,955	3,386	2,216	1,105	Q	20.93
Other	116	90	47	Q	Q	709	1,522	813	516	Q	32.07
Energy End Uses (more than one may apply)											
Buildings with Space Heating	1,913	2,091	1,290	619	182	17,165	36,945	23,634	11,158	2,154	8.47
Buildings with Cooling	1,489	1,887	1,203	542	142	14,706	35,079	22,902	10,247	1,930	8.58
Buildings with Water Heating	1,593	1,879	1,176	552	151	15,637	35,726	22,988	10,771	1,967	8.92
Buildings with Cooking	304	523	381	122	20	5,734	14,876	9,912	4,323	642	11.68
Buildings with Manufacturing	83	121	75	38	Q	1,112	2,772	1,986	686	Q	23.46
Buildings with Electricity Generation	84	162	105	50	Q	2,877	10,470	7,367	2,888	Q	15.90
Space-Heating Energy Source											
Electricity	685	783	350	369	63	6,772	15,383	7,901	6,736	746	12.09
Electricity Main	461	546	227	269	50	4,054	9,447	4,451	4,598	397	13.14
Electricity Secondary	224	237	123	100	Q	2,719	5,937	3,450	2,138	Q	16.69
Other Excluding Electricity	1,228	1,308	939	250	118	10,393	21,562	15,732	4,422	1,408	10.32
Buildings without Space Heating	208	132	71	51	Q	1,207	1,759	828	714	Q	31.43

See footnotes at end of table.

Table 15. Season of Peak Electricity Demand, Number of Buildings and Floorspace, 1995 (Continued)

Building Characteristics	Number of Buildings (thousand)					Total Floorspace (million square feet)					RSE Row Factor
	Buildings Not Demand- Metered	Demand- Metered Buildings	Season of Peak Electricity Demand			Buildings Not Demand- Metered	Demand- Metered Buildings	Season of Peak Electricity Demand			
			Summer	Winter	Summer and Winter			Summer	Winter	Summer and Winter	
RSE Column Factor:	0.9	0.7	0.9	1.3	2.0	0.9	0.6	0.7	1.0	2.0	
Primary Space-Heating											
Energy Source											
Electricity	461	546	227	269	50	4,054	9,447	4,451	4,598	397	13.14
Natural Gas	937	1,168	804	251	113	8,934	19,752	13,705	4,589	1,458	11.33
Fuel Oil	269	158	102	51	Q	1,739	2,413	1,535	781	Q	26.32
District Heat	26	82	58	22	Q	1,286	3,992	3,054	793	Q	28.94
Propane	160	100	81	Q	Q	777	765	554	Q	Q	30.57
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Cooling Energy Source											
Electricity	1,469	1,824	1,167	515	141	14,229	33,533	21,877	9,748	1,908	8.72
Other Excluding Electricity	20	63	35	Q	Q	477	1,546	1,025	498	Q	34.05
Buildings without Cooling	631	336	158	128	49	3,666	3,626	1,560	1,625	441	20.14
Water-Heating Energy Source											
Electricity	838	846	453	329	64	7,074	15,982	9,394	5,870	717	12.36
Other Excluding Electricity	755	1,033	723	223	87	8,563	19,743	13,593	4,901	1,249	10.92
Buildings without Water Heating	528	344	185	119	40	2,734	2,979	1,474	1,100	404	19.31
Cooking Energy Source											
Electricity	188	299	214	78	Q	3,350	8,899	5,795	2,823	Q	14.61
Other Excluding Electricity	116	224	167	45	12	2,385	5,977	4,117	1,500	360	15.78
Buildings without Cooking	1,817	1,700	980	548	171	12,637	23,828	14,550	7,549	1,729	9.47
Percent of Floorspace Heated											
Not Heated	208	132	71	51	Q	1,207	1,759	828	714	Q	31.43
1 to 50	301	242	138	48	56	2,181	3,971	2,331	1,077	564	20.98
51 to 99	304	326	210	97	19	3,099	5,761	3,717	1,776	268	17.12
100	1,308	1,523	941	475	107	11,885	27,214	17,586	8,305	1,323	9.38
Percent of Floorspace Cooled											
Not Cooled	631	336	158	128	49	3,666	3,626	1,560	1,625	441	20.14
1 to 50	468	458	240	156	61	5,127	9,790	5,200	3,553	1,037	14.38
51 to 99	253	382	280	78	23	3,214	9,322	6,837	2,164	321	14.66
100	768	1,047	682	308	58	6,364	15,967	10,864	4,530	573	11.69
Percent Lit when Open											
Zero	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
1 to 50	393	272	146	82	45	2,710	3,298	1,747	1,059	492	18.84
51 to 99	306	439	279	123	38	2,891	6,801	4,444	2,040	317	15.70
100	1,351	1,463	902	452	109	12,272	28,242	18,047	8,635	1,560	9.86
Building Not in Use/ Electricity Not Used	48	Q	Q	Q	Q	378	Q	Q	Q	Q	40.91
Percent Lit when Closed											
Zero	945	699	424	185	90	5,432	7,669	4,362	2,250	1,057	13.97
1 to 50	929	1,180	724	365	91	9,772	20,940	13,144	6,734	1,061	10.39
51 to 100	40	47	25	Q	Q	434	1,480	893	Q	Q	31.89
Never Closed	159	262	166	86	10	2,356	8,321	5,887	2,231	203	15.86
Building Not in Use/ Electricity Not Used	48	Q	Q	Q	Q	378	Q	Q	Q	Q	40.91
Annual Consumption (kilowatthours)											
10,000 or Less	668	160	108	Q	Q	2,480	579	340	Q	Q	22.44
10,001 to 50,000	924	705	399	216	90	5,335	4,362	2,305	1,501	556	15.94
50,001 to 100,000	258	484	294	155	36	2,223	4,653	2,733	1,505	414	18.59
100,001 to 500,000	222	682	422	225	36	3,587	11,229	6,577	3,962	689	12.64
500,001 to 1,000,000	26	100	72	25	Q	1,236	4,466	2,946	1,296	Q	16.84
1,000,001 to 5,000,000	19	79	57	20	Q	1,973	8,205	5,775	2,169	Q	14.72
Over 5,000,000	4	13	10	3	Q	1,537	5,211	3,785	1,315	Q	20.99

See footnotes at end of table.

Table 15. Season of Peak Electricity Demand, Number of Buildings and Floorspace, 1995 (Continued)

Building Characteristics	Number of Buildings (thousand)					Total Floorspace (million square feet)					RSE Row Factor
	Buildings Not Demand- Metered	Demand- Metered Buildings	Season of Peak Electricity Demand			Buildings Not Demand- Metered	Demand- Metered Buildings	Season of Peak Electricity Demand			
			Summer	Winter	Summer and Winter			Summer	Winter	Summer and Winter	
RSE Column Factor:	0.9	0.7	0.9	1.3	2.0	0.9	0.6	0.7	1.0	2.0	
Peak Electricity Demand (kilowatts)											
10 or Less	Q	284	164	59	61	Q	1,311	533	Q	351	20.40
11 to 25	Q	589	360	163	66	Q	3,621	1,935	1,320	366	19.13
26 to 50	Q	561	358	174	30	Q	5,062	3,255	1,359	448	17.31
51 to 100	Q	387	250	124	14	Q	5,699	3,582	1,826	291	16.13
101 to 250	Q	262	149	96	17	Q	7,670	4,726	2,476	468	13.57
251 to 1,000	Q	116	70	44	Q	Q	8,883	6,302	2,256	Q	13.05
Over 1,000	Q	23	11	11	Q	Q	6,458	4,129	2,207	Q	14.89

NF = No applicable RSE row factor.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding RSE column and RSE row factors. • See Glossary for explanation of abbreviations and definitions of terms used in this report. • Statistics for the "energy end uses" represent consumption in buildings that have end use, not consumption for a particular fuel for a particular end use. • Because of rounding, data may not sum to totals.

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

Table 16. Electricity Consumption and Conditional Energy Intensity by Season of Peak Demand, 1995

Building Characteristics	Total Electricity Consumption (billion kWh)					Electricity Energy Intensity (kWh/sq. ft.)					RSE Row Factor
	Buildings Not Demand- Metered	Demand- Metered Buildings	Season of Peak Electricity Demand			Buildings Not Demand- Metered	Demand- Metered Buildings	Season of Peak Electricity Demand			
			Summer	Winter	Summer and Winter			Summer	Winter	Summer and Winter	
RSE Column Factor:	1.3	0.7	0.9	1.1	2.1	0.9	0.6	0.7	0.8	1.8	
All Buildings	186	579	403	156	20	10.10	14.95	16.46	13.11	8.64	8.51
Building Floorspace (square feet)											
1,001 to 5,000	37	74	46	24	4	11.23	28.26	28.33	31.86	15.91	15.82
5,001 to 10,000	22	48	31	13	4	6.42	13.10	13.78	12.35	10.89	17.40
10,001 to 25,000	29	83	55	26	2	7.70	11.13	12.05	11.05	4.15	15.08
25,001 to 50,000	19	73	48	23	2	8.79	13.46	15.38	11.75	6.15	12.53
50,001 to 100,000	20	87	66	20	Q	11.13	14.17	16.35	10.63	Q	15.09
100,001 to 200,000	24	74	52	18	Q	17.12	14.37	15.84	11.53	Q	15.30
200,001 to 500,000	15	74	56	16	Q	11.64	17.65	19.91	13.84	Q	21.79
Over 500,000	18	65	48	16	Q	16.38	16.27	17.54	13.38	Q	20.60
Principal Building Activity											
Education	17	48	29	17	2	7.53	8.78	9.22	8.84	4.93	10.55
Food Sales	7	27	16	Q	Q	47.85	56.16	47.70	Q	Q	18.81
Food Service	10	39	32	Q	Q	23.61	41.69	41.49	Q	Q	27.68
Health Care	13	49	40	7	Q	25.87	26.68	27.45	23.25	Q	14.30
Lodging	12	43	24	18	Q	12.06	16.41	16.25	16.95	Q	16.70
Mercantile and Service	38	111	72	32	6	8.75	13.37	15.75	11.43	7.16	14.82
Office	46	152	107	42	3	16.67	19.71	20.10	18.87	18.68	13.49
Public Assembly	13	37	28	7	Q	8.98	14.85	16.96	10.97	Q	18.69
Public Order and Safety	3	11	9	Q	Q	6.96	13.58	14.32	Q	Q	47.97
Religious Worship	4	6	4	2	Q	2.96	3.84	4.12	3.59	Q	20.20
Warehouse and Storage	14	37	26	9	Q	5.14	7.13	8.26	5.28	5.83	19.14
Other	Q	16	13	Q	Q	20.78	22.69	20.94	Q	Q	28.79
Vacant	2	3	Q	2	Q	2.86	4.84	Q	5.10	Q	33.41
Year Constructed											
1919 or Before	6	23	17	4	Q	4.16	11.29	13.69	8.03	Q	29.85
1920 to 1945	12	38	27	11	1	5.97	9.36	11.35	8.04	2.58	17.23
1946 to 1959	25	70	47	21	3	8.02	11.67	12.09	11.37	8.10	15.64
1960 to 1969	29	109	84	21	5	9.03	14.68	17.00	10.45	9.07	16.35
1970 to 1979	44	136	92	41	3	12.59	17.58	18.81	16.62	8.31	15.77
1980 to 1989	47	143	99	39	5	13.25	17.07	18.37	14.54	16.48	13.00
1990 to 1992	13	34	23	11	Q	16.04	20.12	20.50	19.91	Q	20.93
1993 to 1995	9	24	15	Q	Q	14.15	19.11	21.20	Q	Q	27.10
Census Region and Division											
Northeast	19	109	76	31	2	6.60	12.69	13.77	11.57	5.58	14.92
New England	10	19	13	5	Q	6.73	11.93	13.80	9.33	Q	18.12
Middle Atlantic	9	90	63	25	Q	6.45	12.86	13.76	12.19	Q	19.22
Midwest	39	125	87	33	Q	7.54	14.25	16.36	12.64	6.09	14.56
East North Central	27	77	50	23	Q	7.67	13.12	15.55	11.73	5.68	17.17
West North Central	11	48	37	10	Q	7.25	16.56	17.63	15.41	Q	25.03
South	73	228	157	61	10	12.65	15.85	16.97	14.08	12.52	11.90
South Atlantic	24	119	82	33	4	10.20	17.07	18.38	14.86	14.08	13.72
East South Central	32	38	26	11	Q	14.28	15.51	16.17	13.99	Q	32.73
West South Central	Q	71	49	17	5	14.33	14.30	15.40	12.78	10.81	16.25
West	55	117	83	31	3	11.91	16.78	18.91	13.58	10.02	17.73
Mountain	16	37	23	13	Q	11.31	15.46	17.11	14.30	Q	30.58
Pacific	39	80	60	19	1	12.17	17.47	19.71	13.14	12.21	21.69

See footnotes at end of table.

Table 16. Electricity Consumption and Conditional Energy Intensity by Season of Peak Demand, 1995 (Continued)

Building Characteristics	Total Electricity Consumption (billion kWh)					Electricity Energy Intensity (kWh/sq. ft.)					RSE Row Factor
	Buildings Not Demand- Metered	Demand- Metered Buildings	Season of Peak Electricity Demand			Buildings Not Demand- Metered	Demand- Metered Buildings	Season of Peak Electricity Demand			
			Summer	Winter	Summer and Winter			Summer	Winter	Summer and Winter	
RSE Column Factor:	1.3	0.7	0.9	1.1	2.1	0.9	0.6	0.7	0.8	1.8	
Climate Zone: 45-Year Average											
Fewer than 2,000 CDD and --											
More than 7,000 HDD	12	40	31	8	Q	6.37	13.37	15.41	10.79	Q	21.62
5,500-7,000 HDD	45	123	75	42	Q	9.03	13.05	14.75	12.22	6.12	15.05
4,000-5,499 HDD	44	161	116	42	3	9.97	15.85	17.98	12.66	7.40	16.93
Fewer than 4,000 HDD	70	120	86	30	4	12.79	15.35	15.94	14.89	10.25	17.49
More than 2,000 CDD and --											
Fewer than 4,000 HDD	15	135	95	33	7	9.17	16.20	17.16	14.23	14.65	16.21
Workers (main shift)											
Fewer than 5	32	64	35	24	6	5.32	10.10	10.27	11.01	6.94	17.19
5 to 9	17	48	32	14	Q	8.08	11.68	12.66	11.75	Q	18.94
10 to 19	30	56	39	15	2	10.14	13.45	14.93	11.20	8.96	17.66
20 to 49	27	96	65	29	3	11.08	14.49	15.74	13.34	7.66	14.19
50 to 99	20	71	50	20	Q	13.48	13.17	14.66	10.86	Q	13.34
100 to 249	22	75	56	18	Q	15.23	16.72	18.55	13.34	Q	15.49
250 or More	38	167	126	37	Q	19.45	22.33	23.48	19.46	Q	15.18
Weekly Operating Hours											
39 or Fewer	6	12	7	3	Q	2.31	5.40	5.42	5.08	Q	21.62
40 to 48	35	83	54	25	4	7.61	9.73	10.29	9.00	7.81	13.83
49 to 60	36	109	76	29	5	9.30	13.29	15.50	10.85	7.17	17.72
61 to 84	36	92	55	32	4	11.89	13.07	14.15	12.33	8.40	12.27
85 to 167	33	94	72	20	Q	19.27	21.24	23.07	19.94	Q	14.71
Open Continuously	39	189	138	47	4	16.50	22.65	23.40	20.76	21.85	13.28
Ownership and Occupancy											
Nongovernment Owned	152	440	299	125	16	9.89	14.71	15.93	13.38	8.82	8.70
Owner Occupied	121	351	239	99	12	10.10	15.15	16.50	13.52	9.40	9.59
Nonowner Occupied	30	88	59	25	3	9.87	13.60	14.43	13.34	7.04	15.17
Unoccupied	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Government Owned	34	139	103	31	5	11.18	15.78	18.23	12.10	8.12	16.30
Space in Building Vacant for at Least Three Consecutive Months											
Yes	50	124	84	34	6	10.20	12.78	13.42	11.94	9.91	13.41
No	135	455	319	121	15	10.06	15.68	17.51	13.48	8.24	9.15
Energy Sources (more than one may apply)											
Electricity	186	579	403	156	20	10.10	14.95	16.46	13.11	8.64	8.51
Natural Gas	118	381	284	84	13	10.45	14.29	15.77	12.06	7.71	9.52
Fuel Oil	51	177	133	38	Q	12.27	17.39	19.44	13.33	Q	12.40
District Heat	25	82	67	14	Q	18.82	18.93	20.35	15.50	Q	24.03
District Chilled Water	12	43	33	8	Q	20.85	22.18	25.28	15.66	Q	23.45
Propane	13	52	40	12	Q	6.78	15.47	18.15	10.47	Q	21.13
Other	6	18	13	5	Q	8.85	11.86	15.44	9.42	Q	26.48
Energy End Uses (more than one may apply)											
Buildings with Space Heating	183	563	394	149	19	10.66	15.23	16.67	13.39	8.89	8.69
Buildings with Cooling	171	554	390	145	19	11.60	15.80	17.03	14.15	9.99	8.51
Buildings with Water Heating	174	557	391	148	19	11.13	15.60	16.99	13.70	9.64	8.56
Buildings with Cooking	81	283	210	66	7	14.19	19.05	21.21	15.19	11.58	11.29
Buildings with Manufacturing	9	37	30	6	Q	8.18	13.32	15.08	8.41	Q	25.35
Buildings with Electricity Generation	47	205	155	44	Q	16.34	19.55	21.03	15.38	Q	10.07

See footnotes at end of table.

Table 16. Electricity Consumption and Conditional Energy Intensity by Season of Peak Demand, 1995 (Continued)

Building Characteristics	Total Electricity Consumption (billion kWh)					Electricity Energy Intensity (kWh/sq. ft.)					RSE Row Factor
	Buildings Not Demand- Metered	Demand- Metered Buildings	Season of Peak Electricity Demand			Buildings Not Demand- Metered	Demand- Metered Buildings	Season of Peak Electricity Demand			
			Summer	Winter	Summer and Winter			Summer	Winter	Summer and Winter	
RSE Column Factor:	1.3	0.7	0.9	1.1	2.1	0.9	0.6	0.7	0.8	1.8	
Space-Heating Energy Source											
Electricity	87	272	159	104	9	12.77	17.67	20.10	15.44	12.13	11.80
Electricity Main	53	184	98	79	7	13.12	19.50	21.97	17.29	17.38	14.45
Electricity Secondary	33	88	61	25	2	12.25	14.77	17.69	11.46	6.16	15.71
Other Excluding Electricity	96	291	235	45	10	9.28	13.48	14.94	10.28	7.18	9.67
Buildings without Space Heating	3	16	9	6	Q	2.16	9.25	10.62	8.60	Q	35.97
Primary Space-Heating Energy Source											
Electricity	53	184	98	79	7	13.12	19.50	21.97	17.29	17.38	14.45
Natural Gas	92	258	201	48	10	10.33	13.08	14.66	10.38	6.69	9.73
Fuel Oil	7	20	13	6	Q	4.26	8.15	8.68	7.52	Q	18.89
District Heat	24	77	64	12	Q	18.68	19.27	20.87	15.31	Q	19.35
Propane	4	15	12	Q	Q	5.21	19.72	22.31	Q	Q	41.55
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Cooling Energy Source											
Electricity	162	525	368	139	19	11.36	15.67	16.80	14.24	10.02	8.53
Other Excluding Electricity	9	29	23	6	Q	18.71	18.70	22.02	12.39	Q	31.66
Buildings without Cooling	15	24	13	11	1	4.09	6.74	8.09	6.54	2.73	23.75
Water-Heating Energy Source											
Electricity	77	256	161	86	9	10.95	16.01	17.13	14.65	12.54	12.67
Other Excluding Electricity	97	301	230	62	10	11.28	15.26	16.90	12.56	7.98	9.41
Buildings without Water Heating	11	22	12	8	2	4.19	7.25	8.18	7.29	3.76	24.77
Cooking Energy Source											
Electricity	59	184	135	45	Q	17.62	20.71	23.34	15.77	Q	13.41
Other Excluding Electricity	22	99	75	21	3	9.37	16.57	18.21	14.10	8.06	13.72
Buildings without Cooking	104	295	192	90	13	8.24	12.40	13.23	11.91	7.55	9.44
Percent of Floorspace Heated											
Not Heated	3	16	9	6	Q	2.16	9.25	10.62	8.60	Q	35.97
1 to 50	13	30	21	7	2	5.77	7.51	9.13	6.07	3.55	18.02
51 to 99	31	98	72	23	3	9.92	17.06	19.27	13.06	12.95	19.15
100	140	434	301	120	14	11.75	15.96	17.12	14.41	10.35	8.30
Percent of Floorspace Cooled											
Not Cooled	15	24	13	11	1	4.09	6.74	8.09	6.54	2.73	23.75
1 to 50	31	74	44	25	6	5.97	7.60	8.39	7.02	5.65	11.38
51 to 99	44	169	130	34	5	13.81	18.09	18.98	15.60	15.92	14.23
100	95	311	217	86	8	15.01	19.50	19.95	19.05	14.53	10.09
Percent Lit when Open											
Zero	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
1 to 50	11	25	12	12	2	4.09	7.71	7.00	10.92	3.35	22.13
51 to 99	27	93	64	26	4	9.40	13.74	14.48	12.52	11.25	12.88
100	147	459	325	118	15	11.97	16.23	18.02	13.68	9.79	9.54
Building Not in Use/ Electricity Not Used	(*)	Q	Q	Q	Q	0.85	Q	Q	Q	Q	33.84
Percent Lit when Closed											
Zero	34	66	44	17	5	6.19	8.60	9.99	7.67	4.81	14.93
1 to 50	105	290	197	82	10	10.72	13.83	15.00	12.23	9.53	9.16
51 to 100	8	33	Q	Q	Q	18.32	22.50	26.06	Q	Q	42.56
Never Closed	39	189	138	46	4	16.50	22.67	23.40	20.81	21.85	13.29
Building Not in Use/ Electricity Not Used	(*)	Q	Q	Q	Q	0.85	Q	Q	Q	Q	33.84

See footnotes at end of table.

Table 16. Electricity Consumption and Conditional Energy Intensity by Season of Peak Demand, 1995 (Continued)

Building Characteristics	Total Electricity Consumption (billion kWh)					Electricity Energy Intensity (kWh/sq. ft.)					RSE Row Factor
	Buildings Not Demand- Metered	Demand- Metered Buildings	Season of Peak Electricity Demand			Buildings Not Demand- Metered	Demand- Metered Buildings	Season of Peak Electricity Demand			
			Summer	Winter	Summer and Winter			Summer	Winter	Summer and Winter	
RSE Column Factor:	1.3	0.7	0.9	1.1	2.1	0.9	0.6	0.7	0.8	1.8	
Annual Consumption (kilowatthours)											
10,000 or Less	3	1	1	Q	Q	1.29	1.53	1.72	Q	Q	19.05
10,001 to 50,000	22	20	11	6	2	4.12	4.58	4.97	4.02	4.43	13.91
50,001 to 100,000	18	35	21	11	2	7.97	7.48	7.72	7.45	5.95	15.03
100,001 to 500,000	48	146	88	51	6	13.34	13.00	13.44	12.88	9.43	12.08
500,001 to 1,000,000	17	70	51	18	Q	13.92	15.77	17.30	13.60	Q	16.58
1,000,001 to 5,000,000	39	160	118	38	Q	19.92	19.51	20.39	17.64	Q	10.51
Over 5,000,000	38	147	112	31	Q	24.89	28.17	29.72	23.77	Q	18.47
Peak Electricity Demand (kilowatts)											
10 or Less	Q	4	2	1	1	Q	2.99	3.72	Q	2.87	21.24
11 to 25	Q	23	15	6	3	Q	6.45	7.54	4.72	6.98	17.53
26 to 50	Q	53	34	15	4	Q	10.43	10.41	11.24	8.18	18.02
51 to 100	Q	63	41	20	2	Q	11.14	11.55	11.10	6.28	15.39
101 to 250	Q	109	74	32	4	Q	14.24	15.58	12.93	7.67	13.65
251 to 1,000	Q	164	122	37	Q	Q	18.43	19.36	16.43	Q	10.58
Over 1,000	Q	162	115	44	Q	Q	25.11	27.91	19.84	Q	16.12

(*) = Value rounds to zero in the units displayed.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding RSE column and RSE row factors. • See Glossary for explanation of abbreviations and definitions of terms used in this report. • Statistics for the "energy end uses" represent consumption in buildings that have end use, not consumption for a particular fuel for a particular end use. • Because of rounding, data may not sum to totals.

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

Table 17. Peak Electricity Demand Category, Number of Buildings, 1995
(Thousand)

Building Characteristics	Demand-Metered Buildings	10 kW or Less	11 to 25 kW	26 to 50 kW	51 to 100 kW	101 to 250 kW	251 to 1,000 kW	Over 1,000 kW	RSE Row Factor
RSE Column Factor:	0.6	1.3	1.2	1.1	1.2	0.9	0.9	1.0	
All Buildings	2,223	284	589	561	387	262	116	23	9.53
Building Floorspace (square feet)									
1,001 to 5,000	957	218	350	222	112	46	Q	Q	14.74
5,001 to 10,000	504	46	149	169	107	26	Q	Q	19.01
10,001 to 25,000	468	Q	82	147	121	88	13	Q	17.89
25,001 to 50,000	151	Q	5	17	32	62	29	Q	13.25
50,001 to 100,000	88	Q	Q	4	13	33	33	4	15.50
100,001 to 200,000	36	Q	Q	Q	2	6	22	5	17.18
200,001 to 500,000	14	Q	Q	Q	Q	2	6	6	16.79
Over 500,000	4	Q	Q	Q	Q	Q	1	4	16.79
Principal Building Activity									
Education	198	Q	Q	68	32	33	24	2	18.89
Food Sales	99	Q	Q	Q	Q	Q	Q	Q	27.72
Food Service	189	Q	Q	57	44	38	Q	Q	25.18
Health Care	72	Q	Q	Q	Q	Q	5	3	24.30
Lodging	89	Q	Q	20	16	24	12	2	27.63
Mercantile and Service	644	101	237	131	99	49	25	3	17.65
Office	349	Q	110	73	58	42	23	9	19.35
Public Assembly	145	Q	Q	32	46	12	9	1	26.67
Public Order and Safety	40	Q	Q	Q	Q	5	Q	Q	34.08
Religious Worship	102	Q	18	43	26	5	Q	Q	32.26
Warehouse and Storage	187	36	54	47	28	15	6	1	25.57
Other	49	Q	Q	Q	Q	Q	Q	Q	59.01
Vacant	59	Q	Q	Q	Q	Q	Q	Q	45.13
Year Constructed									
1919 or Before	163	Q	47	43	21	16	3	Q	32.97
1920 to 1945	234	42	73	57	35	22	5	1	23.29
1946 to 1959	411	67	134	87	56	48	16	2	20.19
1960 to 1969	337	53	66	71	72	49	23	4	20.03
1970 to 1979	466	50	124	150	69	46	22	5	15.61
1980 to 1989	464	Q	119	115	105	57	35	7	19.19
1990 to 1992	83	Q	Q	24	23	13	7	2	30.45
1993 to 1995	64	Q	Q	Q	Q	Q	6	1	32.79
Census Region and Division									
Northeast	455	65	150	99	77	47	13	4	16.49
New England	82	Q	Q	23	22	8	3	1	30.35
Middle Atlantic	373	Q	132	76	55	39	10	4	17.78
Midwest	486	86	107	101	94	62	30	7	19.70
East North Central	313	67	80	63	46	28	23	6	24.51
West North Central	173	Q	Q	38	48	33	7	1	27.41
South	855	86	241	219	152	106	45	6	13.74
South Atlantic	316	Q	54	94	55	52	23	4	18.51
East South Central	159	Q	63	21	Q	25	9	1	32.69
West South Central	380	Q	124	104	62	29	13	2	19.31
West	426	47	90	143	64	48	29	6	25.45
Mountain	149	Q	28	51	25	23	13	Q	41.00
Pacific	277	40	62	92	39	26	16	2	29.35
Climate Zone: 45-Year Average									
Fewer than 2,000 CDD and --									
More than 7,000 HDD	183	Q	43	52	45	21	7	1	27.51
5,500-7,000 HDD	522	82	120	130	79	71	31	10	20.35
4,000-5,499 HDD	455	75	126	84	80	58	26	6	19.87
Fewer than 4,000 HDD	514	55	140	139	105	51	21	3	24.54
More than 2,000 CDD and --									
Fewer than 4,000 HDD	548	58	161	157	77	61	31	3	17.19

See footnotes at end of table.

Table 17. Peak Electricity Demand Category, Number of Buildings, 1995 (Continued)
(Thousand)

Building Characteristics	Demand-Metered Buildings	10 kW or Less	11 to 25 kW	26 to 50 kW	51 to 100 kW	101 to 250 kW	251 to 1,000 kW	Over 1,000 kW	RSE Row Factor
RSE Column Factor:	0.6	1.3	1.2	1.1	1.2	0.9	0.9	1.0	
Workers (main shift)									
Fewer than 5	984	232	356	246	99	39	Q	Q	15.33
5 to 9	453	Q	140	177	68	29	Q	Q	20.48
10 to 19	325	Q	63	87	114	37	7	Q	20.84
20 to 49	276	Q	26	34	85	103	24	Q	17.88
50 to 99	101	Q	Q	Q	16	35	27	4	16.37
100 to 249	55	Q	Q	Q	5	16	25	4	18.53
250 or More	30	Q	Q	Q	Q	3	13	12	17.25
Weekly Operating Hours									
39 or Fewer	235	62	80	47	30	12	3	Q	29.32
40 to 48	582	77	168	164	92	57	23	1	18.69
49 to 60	511	61	181	107	87	52	19	5	19.15
61 to 84	341	Q	74	93	61	42	20	5	19.26
85 to 167	291	Q	Q	81	80	50	17	2	20.25
Open Continuously	262	Q	41	68	37	50	35	9	19.93
Ownership and Occupancy									
Nongovernment Owned	1,913	251	524	490	341	206	84	16	10.74
Owner Occupied	1,504	189	402	404	267	165	64	14	11.88
Nonowner Occupied	374	38	114	85	74	40	20	3	20.33
Unoccupied	35	Q	Q	Q	Q	Q	Q	Q	49.96
Government Owned	310	Q	65	71	46	56	32	7	17.34
Space in Building Vacant for at Least Three Consecutive Months									
Yes	288	70	73	52	24	41	21	7	17.21
No	1,935	214	516	510	363	221	95	16	10.27
Energy Sources (more than one may apply)									
Electricity	2,223	284	589	561	387	262	116	23	10.36
Natural Gas	1,401	158	400	331	249	166	80	16	13.83
Fuel Oil	264	Q	60	75	24	27	26	10	19.12
District Heat	84	Q	Q	Q	13	13	10	5	30.93
District Chilled Water	43	Q	Q	Q	Q	5	5	2	25.99
Propane	270	Q	58	79	63	28	9	1	27.26
Other	90	Q	Q	Q	Q	4	5	Q	31.08
Energy End Uses (more than one may apply)									
Buildings with Space Heating	2,091	231	545	549	371	257	114	23	9.62
Buildings with Cooling	1,887	150	483	512	357	253	110	23	10.09
Buildings with Water Heating	1,879	167	453	495	372	256	114	22	9.97
Buildings with Cooking	523	Q	76	127	141	105	46	13	13.41
Buildings with Manufacturing	121	Q	Q	36	26	21	5	2	27.55
Buildings with Electricity Generation	162	Q	Q	33	20	33	34	12	17.37
Space-Heating Energy Source									
Electricity	783	32	158	237	164	123	58	11	14.62
Electricity Main	546	Q	110	161	114	90	42	6	15.91
Electricity Secondary	237	Q	48	77	50	32	16	5	22.11
Other Excluding Electricity	1,308	199	387	312	207	135	56	12	12.01
Buildings without Space Heating	132	53	44	Q	Q	5	Q	Q	31.57
Primary Space-Heating Energy Source									
Electricity	546	Q	110	161	114	90	42	6	15.91
Natural Gas	1,168	147	343	278	205	127	56	12	13.21
Fuel Oil	158	Q	50	48	17	10	4	Q	28.73
District Heat	82	Q	Q	Q	12	13	10	4	21.94
Propane	100	Q	Q	Q	Q	Q	Q	Q	27.60
Other	Q	Q	Q	Q	Q	Q	Q	Q	99.99

See footnotes at end of table.

Table 17. Peak Electricity Demand Category, Number of Buildings, 1995 (Continued)
(Thousand)

Building Characteristics	Demand-Metered Buildings	10 kW or Less	11 to 25 kW	26 to 50 kW	51 to 100 kW	101 to 250 kW	251 to 1,000 kW	Over 1,000 kW	RSE Row Factor
RSE Column Factor:	0.6	1.3	1.2	1.1	1.2	0.9	0.9	1.0	
Cooling Energy Source									
Electricity	1,824	149	475	478	351	242	108	21	10.16
Other Excluding Electricity	63	Q	Q	Q	7	Q	3	1	32.56
Buildings without Cooling	336	134	106	50	30	10	Q	Q	21.17
Water-Heating Energy Source									
Electricity	846	73	179	252	177	108	49	8	14.40
Other Excluding Electricity	1,033	94	275	243	195	148	65	14	13.45
Buildings without Water Heating	344	117	135	67	15	6	Q	Q	21.63
Cooking Energy Source									
Electricity	299	Q	40	79	71	68	27	8	17.74
Other Excluding Electricity	224	Q	36	48	70	36	19	5	20.73
Buildings without Cooking	1,700	270	512	435	246	158	70	10	11.84
Percent of Floorspace Heated									
Not Heated	132	53	44	Q	Q	5	Q	Q	31.57
1 to 50	242	Q	81	59	33	15	4	1	28.21
51 to 99	326	Q	105	90	71	24	17	3	19.87
100	1,523	166	359	401	267	219	93	19	10.48
Percent of Floorspace Cooled									
Not Cooled	336	134	106	50	30	10	Q	Q	21.17
1 to 50	458	Q	137	122	88	55	14	3	18.62
51 to 99	382	Q	104	103	67	55	27	8	17.46
100	1,047	93	242	286	202	142	69	12	12.47
Percent Lit when Open									
Zero	Q	Q	Q	Q	Q	Q	Q	Q	99.99
1 to 50	272	46	108	53	36	24	4	Q	26.26
51 to 99	439	Q	137	117	63	52	19	3	20.30
100	1,463	146	341	391	287	186	93	19	10.89
Building Not in Use/ Electricity Not Used	34	Q	Q	Q	Q	Q	Q	Q	64.29
Percent Lit when Closed									
Zero	699	127	219	176	129	35	11	Q	16.84
1 to 50	1,180	98	314	306	213	173	63	13	13.15
51 to 100	47	Q	Q	Q	Q	4	7	Q	29.78
Never Closed	262	Q	41	68	37	50	35	9	22.15
Building Not in Use/ Electricity Not Used	34	Q	Q	Q	Q	Q	Q	Q	64.29
Annual Consumption (kilowatthours)									
10,000 or Less	160	134	Q	Q	Q	Q	Q	Q	26.62
10,001 to 50,000	705	144	393	119	43	Q	Q	Q	17.44
50,001 to 100,000	484	Q	172	222	65	Q	Q	Q	17.58
100,001 to 500,000	682	Q	Q	214	278	161	21	Q	14.65
500,001 to 1,000,000	100	Q	Q	Q	Q	73	24	Q	16.62
1,000,001 to 5,000,000	79	Q	Q	Q	Q	7	65	7	16.64
Over 5,000,000	13	Q	Q	Q	Q	Q	Q	12	17.04

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding RSE column and RSE row factors. • See Glossary for explanation of abbreviations and definitions of terms used in this report. • Statistics for the "energy end uses" represent consumption in buildings that have end use, not consumption for a particular fuel for a particular end use. • Because of rounding, data may not sum to totals.

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

Table 18. Peak Electricity Demand Category, Floorspace, 1995
(Million Square Feet)

Building Characteristics	Demand-Metered Buildings	10 kW or Less	11 to 25 kW	26 to 50 kW	51 to 100 kW	101 to 250 kW	251 to 1,000 kW	Over 1,000 kW	RSE Row Factor
RSE Column Factor:	0.5	1.7	1.4	1.3	1.1	0.8	0.8	0.9	
All Buildings	38,705	1,311	3,621	5,062	5,699	7,670	8,883	6,458	8.77
Building Floorspace (square feet)									
1,001 to 5,000	2,619	569	889	645	366	135	Q	Q	15.97
5,001 to 10,000	3,654	332	1,085	1,111	841	230	Q	Q	19.07
10,001 to 25,000	7,488	Q	1,190	2,327	2,027	1,450	238	Q	18.02
25,001 to 50,000	5,455	Q	176	561	1,095	2,259	1,099	Q	13.86
50,001 to 100,000	6,114	Q	Q	308	858	2,169	2,376	310	16.63
100,001 to 200,000	5,182	Q	Q	Q	383	848	3,012	676	19.96
200,001 to 500,000	4,222	Q	Q	Q	Q	420	1,616	2,011	19.13
Over 500,000	3,971	Q	Q	Q	Q	Q	473	3,331	20.34
Principal Building Activity									
Education	5,448	Q	Q	682	804	1,574	1,797	428	18.34
Food Sales	486	Q	Q	Q	Q	Q	Q	Q	30.34
Food Service	926	Q	Q	208	173	339	Q	Q	27.11
Health Care	1,818	Q	Q	Q	Q	246	387	909	21.33
Lodging	2,626	Q	Q	245	254	746	856	431	24.55
Mercantile and Service	8,286	380	1,510	1,057	1,317	1,207	1,601	1,214	16.59
Office	7,728	Q	469	725	869	1,263	2,070	2,261	16.52
Public Assembly	2,487	Q	Q	280	566	478	560	364	25.56
Public Order and Safety	832	Q	Q	Q	Q	214	Q	Q	39.28
Religious Worship	1,468	Q	Q	530	435	183	Q	Q	32.55
Warehouse and Storage	5,209	392	601	802	948	1,064	900	503	22.94
Other	705	Q	Q	Q	Q	Q	Q	Q	46.06
Vacant	685	Q	Q	Q	Q	Q	Q	Q	33.49
Year Constructed									
1919 or Before	2,024	Q	334	414	420	372	210	Q	25.98
1920 to 1945	4,099	200	644	669	754	690	657	484	23.67
1946 to 1959	6,017	279	808	900	1,029	1,399	1,015	588	18.71
1960 to 1969	7,459	Q	459	709	977	1,806	2,111	1,114	16.78
1970 to 1979	7,746	304	498	1,120	840	1,315	1,906	1,763	14.46
1980 to 1989	8,381	Q	707	995	1,329	1,517	2,048	1,715	15.81
1990 to 1992	1,711	Q	Q	139	239	333	525	418	24.53
1993 to 1995	1,268	Q	Q	Q	Q	236	411	233	24.46
Census Region and Division									
Northeast	8,599	287	1,154	963	1,208	1,451	1,565	1,973	17.32
New England	1,575	Q	Q	227	288	376	328	193	27.31
Middle Atlantic	7,025	Q	1,029	736	919	1,075	1,237	1,780	19.78
Midwest	8,751	383	595	1,029	1,382	1,923	2,123	1,316	16.46
East North Central	5,868	336	523	735	832	1,111	1,462	868	19.80
West North Central	2,883	Q	Q	294	550	812	661	447	26.05
South	14,365	496	1,387	1,689	2,229	2,954	3,571	2,039	14.69
South Atlantic	6,977	Q	424	733	1,020	1,396	1,994	1,266	18.26
East South Central	2,438	Q	211	220	373	605	630	217	38.99
West South Central	4,950	Q	752	736	836	952	947	556	20.33
West	6,989	145	485	1,381	881	1,342	1,624	1,131	20.76
Mountain	2,425	Q	109	Q	328	532	567	Q	38.49
Pacific	4,564	126	376	820	553	810	1,057	821	23.65
Climate Zone: 45-Year Average									
Fewer than 2,000 CDD and --									
More than 7,000 HDD	2,983	Q	165	466	650	680	671	300	27.36
5,500-7,000 HDD	9,403	360	806	1,320	1,343	1,987	2,026	1,561	16.97
4,000-5,499 HDD	10,174	312	1,009	936	1,227	1,740	2,565	2,385	16.68
Fewer than 4,000 HDD	7,833	214	847	1,029	1,315	1,643	1,658	1,128	23.88
More than 2,000 CDD and --									
Fewer than 4,000 HDD	8,312	373	794	1,312	1,164	1,621	1,963	1,085	18.32

See footnotes at end of table.

Table 18. Peak Electricity Demand Category, Floorspace, 1995 (Continued)
(Million Square Feet)

Building Characteristics	Demand-Metered Buildings	10 kW or Less	11 to 25 kW	26 to 50 kW	51 to 100 kW	101 to 250 kW	251 to 1,000 kW	Over 1,000 kW	RSE Row Factor
RSE Column Factor:	0.5	1.7	1.4	1.3	1.1	0.8	0.8	0.9	
Workers (main shift)									
Fewer than 5	6,320	922	1,942	1,571	1,032	546	274	Q	16.90
5 to 9	4,148	Q	773	1,688	740	681	Q	Q	17.57
10 to 19	4,168	Q	455	931	1,504	900	271	Q	19.04
20 to 49	6,657	Q	329	522	1,612	2,627	1,417	Q	16.02
50 to 99	5,412	Q	Q	212	537	1,665	2,291	475	17.90
100 to 249	4,511	Q	Q	Q	207	936	2,544	679	18.77
250 or More	7,488	Q	Q	Q	Q	316	1,952	5,105	17.11
Weekly Operating Hours									
39 or Fewer	2,137	266	451	438	432	368	158	Q	23.36
40 to 48	8,547	300	1,119	1,780	1,694	1,843	1,431	379	17.25
49 to 60	8,239	382	1,107	1,021	1,422	1,565	1,646	1,095	16.24
61 to 84	7,022	Q	471	860	820	1,383	1,884	1,427	17.21
85 to 167	4,427	Q	Q	402	784	1,051	1,418	424	19.36
Open Continuously	8,332	Q	254	560	547	1,459	2,346	3,110	14.47
Ownership and Occupancy									
Nongovernment Owned	29,885	1,171	3,149	4,350	4,726	5,594	6,289	4,607	9.95
Owner Occupied	23,153	930	2,233	3,672	3,462	4,302	4,495	4,059	11.01
Nonowner Occupied	6,457	118	871	632	1,254	1,281	1,760	541	16.96
Unoccupied	275	Q	Q	Q	Q	Q	Q	Q	58.05
Government Owned	8,819	Q	472	712	973	2,077	2,595	1,851	14.95
Space in Building Vacant for at Least Three Consecutive Months									
Yes	9,712	305	659	921	796	1,601	2,494	2,936	14.89
No	28,993	1,006	2,962	4,141	4,903	6,069	6,389	3,523	9.80
Energy Sources (more than one may apply)									
Electricity	38,705	1,311	3,621	5,062	5,699	7,670	8,883	6,458	9.33
Natural Gas	26,670	580	2,465	3,398	3,972	5,248	6,305	4,703	10.77
Fuel Oil	10,188	Q	418	763	499	1,312	3,024	4,018	17.97
District Heat	4,329	Q	Q	Q	370	702	1,253	1,583	27.76
District Chilled Water	1,935	Q	Q	Q	Q	276	512	777	22.22
Propane	3,386	Q	384	565	688	671	764	210	25.07
Other	1,522	Q	Q	Q	Q	255	415	212	33.07
Energy End Uses (more than one may apply)									
Buildings with Space Heating	36,945	857	3,167	4,931	5,516	7,453	8,762	6,261	8.37
Buildings with Cooling	35,079	518	2,771	4,520	5,134	7,097	8,620	6,419	8.60
Buildings with Water Heating	35,726	714	2,531	4,554	5,466	7,321	8,764	6,375	8.54
Buildings with Cooking	14,876	Q	422	973	1,656	2,735	4,224	4,792	12.24
Buildings with Manufacturing	2,772	Q	128	389	479	651	547	507	25.40
Buildings with Electricity Generation	10,470	Q	Q	361	384	1,495	3,451	4,586	15.52
Space-Heating Energy Source									
Electricity	15,383	178	816	1,957	2,173	2,976	4,209	3,074	12.97
Electricity Main	9,447	Q	472	1,126	1,278	1,975	2,735	1,731	15.30
Electricity Secondary	5,937	Q	344	831	895	1,002	1,473	1,343	17.09
Other Excluding Electricity	21,562	678	2,351	2,974	3,343	4,476	4,553	3,187	10.26
Buildings without Space Heating	1,759	455	454	Q	Q	217	Q	Q	30.93
Primary Space-Heating Energy Source									
Electricity	9,447	Q	472	1,126	1,278	1,975	2,735	1,731	15.30
Natural Gas	19,752	521	2,122	2,862	3,292	3,950	4,141	2,862	10.85
Fuel Oil	2,413	Q	341	405	342	524	575	Q	26.09
District Heat	3,992	Q	Q	Q	342	696	1,131	1,417	19.16
Propane	765	Q	Q	Q	Q	Q	Q	Q	39.87
Other	Q	Q	Q	Q	Q	Q	Q	Q	99.99

See footnotes at end of table.

Table 18. Peak Electricity Demand Category, Floorspace, 1995 (Continued)
(Million Square Feet)

Building Characteristics	Demand-Metered Buildings	10 kW or Less	11 to 25 kW	26 to 50 kW	51 to 100 kW	101 to 250 kW	251 to 1,000 kW	Over 1,000 kW	RSE Row Factor
RSE Column Factor:	0.5	1.7	1.4	1.3	1.1	0.8	0.8	0.9	
Cooling Energy Source									
Electricity	33,533	514	2,689	4,177	5,037	6,877	8,293	5,946	8.65
Other Excluding Electricity	1,546	Q	Q	Q	98	220	328	472	27.41
Buildings without Cooling	3,626	793	850	542	565	573	263	Q	22.85
Water-Heating Energy Source									
Electricity	15,982	334	1,039	2,195	2,633	3,048	3,728	3,005	13.38
Other Excluding Electricity	19,743	380	1,492	2,359	2,833	4,273	5,035	3,370	9.86
Buildings without Water Heating	2,979	597	1,090	508	233	349	Q	Q	22.78
Cooking Energy Source									
Electricity	8,899	Q	144	598	835	1,474	2,580	3,235	16.31
Other Excluding Electricity	5,977	Q	278	375	821	1,261	1,645	1,557	17.27
Buildings without Cooking	23,828	1,238	3,199	4,088	4,044	4,935	4,659	1,666	10.91
Percent of Floorspace Heated									
Not Heated	1,759	455	454	Q	Q	217	Q	Q	30.93
1 to 50	3,971	Q	730	805	813	595	419	373	26.95
51 to 99	5,761	Q	636	817	840	782	1,465	1,159	18.71
100	27,214	558	1,801	3,309	3,863	6,076	6,877	4,729	9.00
Percent of Floorspace Cooled									
Not Cooled	3,626	793	850	542	565	573	263	Q	22.85
1 to 50	9,790	Q	1,141	1,798	1,842	2,302	1,597	911	15.16
51 to 99	9,322	Q	537	822	757	1,625	2,675	2,864	15.14
100	15,967	278	1,092	1,900	2,535	3,170	4,348	2,643	11.73
Percent Lit when Open									
Zero	Q	Q	Q	Q	Q	Q	Q	Q	99.99
1 to 50	3,298	291	880	583	502	609	338	Q	20.60
51 to 99	6,801	Q	710	1,196	826	1,278	1,698	913	15.31
100	28,242	658	2,002	3,240	4,343	5,740	6,815	5,443	10.23
Building Not in Use/ Electricity Not Used	295	Q	Q	Q	Q	Q	Q	Q	56.67
Percent Lit when Closed									
Zero	7,669	570	1,565	1,793	1,708	1,261	624	Q	15.72
1 to 50	20,940	484	1,677	2,597	3,334	4,734	5,264	2,849	11.78
51 to 100	1,480	Q	Q	Q	Q	181	618	Q	29.73
Never Closed	8,321	Q	254	560	547	1,459	2,346	3,099	16.34
Building Not in Use/ Electricity Not Used	295	Q	Q	Q	Q	Q	Q	Q	56.67
Annual Consumption (kilowatthours)									
10,000 or Less	579	505	Q	Q	Q	Q	Q	Q	27.58
10,001 to 50,000	4,362	797	2,262	880	390	Q	Q	Q	18.38
50,001 to 100,000	4,653	Q	1,235	2,505	755	Q	Q	Q	18.77
100,001 to 500,000	11,229	Q	Q	1,667	4,526	4,463	431	Q	12.63
500,001 to 1,000,000	4,466	Q	Q	Q	Q	2,707	1,614	Q	13.58
1,000,001 to 5,000,000	8,205	Q	Q	Q	Q	397	6,612	1,195	17.61
Over 5,000,000	5,211	Q	Q	Q	Q	Q	Q	5,063	15.54

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding RSE column and RSE row factors. • See Glossary for explanation of abbreviations and definitions of terms used in this report. • Statistics for the "energy end uses" represent consumption in buildings that have end use, not consumption for a particular fuel for a particular end use. • Because of rounding, data may not sum to totals.

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

Table 19. Distribution of Peak Watts per Square Foot and Load Factors, 1995

Building Characteristics	All Demand-Metered Buildings			Peak Watts per Square Foot			Load Factor			RSE Row Factor
	Number of Buildings (thousand)	Total Floorspace (million square feet)	Total Electricity Consumed (billion kWh)	25th Percentile	Median	75th Percentile	25th Percentile	Median	75th Percentile	
RSE Column Factor:	1.1	0.9	1.0							
All Buildings	2,223	38,705	579	2.72	5.40	9.71	.164	.253	.357	5.54
Building Floorspace (square feet)										
1,001 to 5,000	957	2,619	74	4.67	8.00	15.11	.156	.239	.357	8.89
5,001 to 10,000	504	3,654	48	2.57	5.20	8.15	.155	.248	.325	10.48
10,001 to 25,000	468	7,488	83	1.92	3.26	5.31	.180	.246	.350	10.51
25,001 to 50,000	151	5,455	73	2.02	3.63	6.40	.220	.295	.404	8.84
50,001 to 100,000	88	6,114	87	1.85	3.20	5.37	.239	.337	.447	7.64
100,001 to 200,000	36	5,182	74	1.62	3.52	5.47	.291	.393	.515	9.00
200,001 to 500,000	14	4,222	74	1.63	3.10	5.57	.321	.458	.574	13.21
Over 500,000	4	3,971	65	1.81	3.16	4.48	.443	.521	.630	11.00
Principal Building Activity										
Education	198	5,448	48	2.33	4.29	9.33	.156	.210	.281	9.86
Food Sales	99	486	27	9.71	14.67	22.00	.373	.463	.590	17.06
Food Service	189	926	39	7.50	12.67	23.20	.241	.333	.406	18.37
Health Care	72	1,818	49	4.00	5.89	10.22	.187	.253	.408	13.21
Lodging	89	2,626	43	2.55	4.89	8.33	.270	.364	.440	13.40
Mercantile and Service	644	8,286	111	2.36	4.91	8.80	.159	.249	.327	9.94
Office	349	7,728	152	3.40	6.00	7.99	.187	.285	.357	11.52
Public Assembly	145	2,487	37	3.33	5.52	8.29	.129	.197	.274	14.59
Public Order and Safety	40	832	11	2.24	5.00	5.14	.198	.280	.404	28.88
Religious Worship	102	1,468	6	2.40	4.20	8.40	.079	.092	.179	18.90
Warehouse and Storage	187	5,209	37	1.23	2.22	3.40	.171	.265	.401	15.64
Other	49	705	16	7.00	7.33	17.47	.041	.227	.272	29.70
Vacant	59	685	3	.80	2.40	3.20	.135	.189	.312	25.21
Year Constructed										
1919 or Before	163	2,024	23	1.92	4.00	8.57	.152	.231	.331	19.45
1920 to 1945	234	4,099	38	2.00	4.67	7.57	.154	.240	.341	13.84
1946 to 1959	411	6,017	70	2.25	4.24	7.37	.184	.231	.316	11.97
1960 to 1969	337	7,459	109	2.64	5.85	10.29	.162	.266	.389	10.67
1970 to 1979	466	7,746	136	3.20	6.20	10.40	.179	.259	.374	8.96
1980 to 1989	464	8,381	143	3.12	6.00	12.67	.160	.269	.377	9.33
1990 to 1992	83	1,711	34	5.88	8.00	15.00	.178	.292	.409	14.37
1993 to 1995	64	1,268	24	2.22	4.91	10.50	.197	.295	.405	20.49
Census Region and Division										
Northeast	455	8,599	109	2.25	3.67	7.43	.195	.260	.384	10.47
New England	82	1,575	19	3.00	5.25	10.40	.189	.295	.406	15.92
Middle Atlantic	373	7,025	90	2.22	3.29	7.33	.195	.246	.356	12.57
Midwest	486	8,751	125	2.17	5.10	8.67	.164	.238	.331	11.04
East North Central	313	5,868	77	1.89	4.50	7.58	.159	.238	.336	13.69
West North Central	173	2,883	48	3.10	6.80	12.80	.175	.228	.319	18.19
South	855	14,365	228	3.20	5.80	10.00	.171	.261	.357	8.30
South Atlantic	316	6,977	119	3.28	6.67	8.65	.181	.294	.377	10.00
East South Central	159	2,438	38	4.25	6.56	11.56	.180	.253	.393	26.60
West South Central	380	4,950	71	3.00	5.20	10.00	.160	.249	.335	10.95
West	426	6,989	117	2.80	6.67	12.00	.136	.244	.373	14.73
Mountain	149	2,425	37	3.00	6.82	12.80	.102	.244	.373	30.10
Pacific	277	4,564	80	2.55	6.65	11.33	.145	.244	.374	17.59
Climate Zone: 45-Year Average										
Fewer than 2,000 CDD and --										
More than 7,000 HDD	183	2,983	40	3.10	5.78	9.67	.211	.263	.374	18.35
5,500-7,000 HDD	522	9,403	123	2.22	5.00	8.80	.171	.238	.336	10.93
4,000-5,499 HDD	455	10,174	161	2.13	4.00	8.60	.164	.251	.364	11.57
Fewer than 4,000 HDD	514	7,833	120	3.33	6.67	10.50	.132	.257	.373	16.18
More than 2,000 CDD and --										
Fewer than 4,000 HDD	548	8,312	135	3.20	5.41	10.47	.188	.253	.354	11.04

See footnotes at end of table.

Table 19. Distribution of Peak Watts per Square Foot and Load Factors, 1995 (Continued)

Building Characteristics	All Demand-Metered Buildings			Peak Watts per Square Foot			Load Factor			RSE Row Factor
	Number of Buildings (thousand)	Total Floorspace (million square feet)	Total Electricity Consumed (billion kWh)	25th Percentile	Median	75th Percentile	25th Percentile	Median	75th Percentile	
RSE Column Factor:	1.1	0.9	1.0							
Workers (main shift)										
Fewer than 5	984	6,320	64	2.55	5.33	10.40	.142	.218	.316	10.04
5 to 9	453	4,148	48	2.72	5.27	9.33	.179	.268	.349	11.72
10 to 19	325	4,168	56	3.00	6.11	10.00	.197	.253	.364	11.60
20 to 49	276	6,657	96	2.98	5.50	10.29	.227	.314	.409	9.31
50 to 99	101	5,412	71	2.60	4.20	6.63	.215	.330	.449	9.17
100 to 249	55	4,511	75	2.59	4.94	7.84	.277	.366	.475	10.04
250 or More	30	7,488	167	3.30	5.07	7.16	.334	.454	.568	10.89
Weekly Operating Hours										
39 or Fewer	235	2,137	12	1.67	4.86	8.29	.084	.142	.222	16.50
40 to 48	582	8,547	83	2.72	4.47	8.80	.158	.217	.292	9.32
49 to 60	511	8,239	109	2.36	4.62	7.38	.160	.240	.315	11.51
61 to 84	341	7,022	92	2.40	5.10	9.33	.218	.276	.357	8.40
85 to 167	291	4,427	94	5.52	10.20	16.50	.270	.362	.461	9.69
Open Continuously	262	8,332	189	3.33	5.80	18.15	.253	.374	.526	9.17
Ownership and Occupancy										
Nongovernment Owned	1,913	29,885	440	2.74	5.60	9.71	.160	.255	.357	5.82
Owner Occupied	1,504	23,153	351	2.80	5.60	9.60	.158	.253	.355	6.09
Nonowner Occupied	374	6,457	88	2.80	5.80	10.47	.171	.267	.389	11.45
Unoccupied	Q	Q	Q	.67	1.56	2.86	.152	.184	.312	99.99
Government Owned	310	8,819	139	2.47	4.33	9.45	.197	.246	.354	10.58
Space in Building Vacant for at Least Three Consecutive Months										
Yes	288	9,712	124	1.60	3.20	5.45	.144	.246	.319	8.95
No	1,935	28,993	455	3.00	5.80	10.40	.171	.255	.362	5.85
Energy Sources (more than one may apply)										
Electricity	2,223	38,705	579	2.72	5.40	9.71	.164	.253	.357	5.54
Natural Gas	1,401	26,670	381	2.50	5.10	8.83	.166	.255	.350	6.81
Fuel Oil	264	10,188	177	2.46	4.33	7.43	.178	.268	.390	10.78
District Heat	84	4,329	82	3.17	5.00	7.74	.223	.314	.462	23.83
District Chilled Water	43	1,935	43	3.33	4.04	12.96	.228	.342	.418	24.53
Propane	270	3,386	52	3.26	5.78	12.40	.177	.247	.377	14.84
Other	90	1,522	18	1.82	4.33	6.70	.145	.223	.308	20.32
Energy End Uses (more than one may apply)										
Buildings with Space Heating	2,091	36,945	563	2.87	5.56	10.00	.169	.253	.356	5.42
Buildings with Cooling	1,887	35,079	554	3.17	5.78	10.25	.180	.256	.360	5.41
Buildings with Water Heating	1,879	35,726	557	3.00	5.85	10.40	.176	.257	.361	5.60
Buildings with Cooking	523	14,876	283	4.00	8.14	13.20	.200	.312	.429	6.90
Buildings with Manufacturing	121	2,772	37	3.08	3.84	8.80	.155	.228	.314	17.61
Buildings with Electricity Generation	162	10,470	205	3.26	5.00	8.50	.223	.368	.478	8.86
Space-Heating Energy Source										
Electricity	783	15,383	272	3.67	6.89	12.40	.179	.266	.388	7.97
Electricity Main	546	9,447	184	4.44	8.00	12.92	.162	.264	.374	9.67
Electricity Secondary	237	5,937	88	2.72	5.10	8.86	.205	.268	.407	10.16
Other Excluding Electricity	1,308	21,562	291	2.47	4.80	8.60	.162	.248	.340	6.08
Buildings without Space Heating	132	1,759	16	.72	2.22	6.40	.155	.230	.418	21.31
Primary Space-Heating Energy Source										
Electricity	546	9,447	184	4.44	8.00	12.92	.162	.264	.374	9.67
Natural Gas	1,168	19,752	258	2.42	4.90	8.74	.160	.251	.340	6.77
Fuel Oil	158	2,413	20	2.40	3.93	7.09	.173	.221	.324	18.82
District Heat	82	3,992	77	3.24	5.00	7.96	.223	.313	.460	16.81
Propane	100	765	15	3.33	6.67	15.11	.197	.357	.458	22.47
Other	Q	Q	Q	3.08	3.09	6.70	.248	.248	.390	99.99

See footnotes at end of table.

Table 19. Distribution of Peak Watts per Square Foot and Load Factors, 1995 (Continued)

Building Characteristics	All Demand-Metered Buildings			Peak Watts per Square Foot			Load Factor			RSE Row Factor
	Number of Buildings (thousand)	Total Floorspace (million square feet)	Total Electricity Consumed (billion kWh)	25th Percentile	Median	75th Percentile	25th Percentile	Median	75th Percentile	
RSE Column Factor:	1.1	0.9	1.0							
Cooling Energy Source										
Electricity	1,824	33,533	525	3.20	5.78	10.00	.179	.256	.358	5.47
Other Excluding Electricity	63	1,546	29	2.72	4.91	20.00	.208	.289	.418	25.63
Buildings without Cooling	336	3,626	24	1.27	2.53	6.20	.145	.218	.303	16.03
Water-Heating Energy Source										
Electricity	846	15,982	256	3.08	5.85	10.50	.178	.267	.371	8.24
Other Excluding Electricity	1,033	19,743	301	2.93	5.80	9.71	.175	.253	.357	5.77
Buildings without Water Heating	344	2,979	22	1.47	3.29	5.55	.145	.218	.317	12.91
Cooking Energy Source										
Electricity	299	8,899	184	4.75	9.60	15.42	.211	.336	.461	8.57
Other Excluding Electricity	224	5,977	99	3.43	6.82	11.06	.178	.289	.365	11.60
Buildings without Cooking	1,700	23,828	295	2.43	4.91	8.31	.158	.240	.341	6.59
Percent of Floorspace Heated										
Not Heated	132	1,759	16	.72	2.22	6.40	.155	.230	.418	21.31
1 to 50	242	3,971	30	1.50	2.80	5.60	.142	.205	.297	15.29
51 to 99	326	5,761	98	2.71	5.33	8.91	.197	.269	.349	11.34
100	1,523	27,214	434	3.32	6.10	10.50	.171	.260	.358	5.09
Percent of Floorspace Cooled										
Not Cooled	336	3,626	24	1.27	2.53	6.20	.145	.218	.303	16.03
1 to 50	458	9,790	74	2.00	3.26	6.00	.162	.225	.294	10.00
51 to 99	382	9,322	169	3.64	5.98	9.33	.188	.272	.352	8.64
100	1,047	15,967	311	4.00	7.00	11.06	.187	.272	.382	6.89
Percent Lit when Open										
Zero	Q	Q	Q	1.33	1.33	2.40	.092	.158	.158	99.99
1 to 50	272	3,298	25	2.00	3.64	7.33	.132	.213	.276	16.72
51 to 99	439	6,801	93	2.95	5.78	9.39	.160	.263	.349	9.46
100	1,463	28,242	459	3.00	5.75	10.47	.187	.261	.374	6.00
Building Not in Use/ Electricity Not Used	Q	Q	Q	.40	.67	1.56	.142	.152	.249	99.99
Percent Lit when Closed										
Zero	699	7,669	66	2.00	4.20	8.50	.137	.217	.281	10.26
1 to 50	1,180	20,940	290	3.08	6.00	10.40	.187	.263	.358	6.58
51 to 100	47	1,480	33	3.17	4.00	7.75	.235	.260	.348	27.93
Never Closed	262	8,321	189	3.33	5.80	18.15	.253	.374	.526	9.20
Building Not in Use/ Electricity Not Used	Q	Q	Q	.40	.67	1.56	.142	.152	.249	99.99
Annual Consumption (kilowatthours)										
10,000 or Less	160	579	1	.91	1.60	4.67	.081	.128	.163	22.78
10,001 to 50,000	705	4,362	20	2.36	4.31	7.50	.132	.197	.248	11.82
50,001 to 100,000	484	4,653	35	2.64	4.67	10.00	.195	.266	.331	12.91
100,001 to 500,000	682	11,229	146	4.25	7.80	13.80	.247	.336	.432	7.16
500,001 to 1,000,000	100	4,466	70	4.09	6.68	11.82	.318	.386	.525	9.95
1,000,001 to 5,000,000	79	8,205	160	4.43	6.35	9.87	.365	.450	.568	8.31
Over 5,000,000	13	5,211	147	4.48	6.35	10.36	.468	.563	.651	14.02
Peak Electricity Demand (kilowatts)										
10 or Less	284	1,311	4	1.07	1.82	3.33	.142	.214	.281	15.37
11 to 25	589	3,621	23	2.36	4.36	7.43	.169	.235	.317	13.37
26 to 50	561	5,062	53	3.05	6.20	10.80	.179	.268	.374	10.74
51 to 100	387	5,699	63	4.16	7.25	13.75	.162	.255	.350	12.06
101 to 250	262	7,670	109	4.16	7.49	13.80	.188	.319	.438	7.86
251 to 1,000	116	8,883	164	4.87	7.34	14.00	.202	.352	.471	8.73
Over 1,000	23	6,458	162	5.39	10.00	46.53	.045	.389	.549	10.90

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding RSE column and RSE row factors. • See Glossary for explanation of abbreviations and definitions of terms used in this report. • Statistics for the "energy end uses" represent consumption in buildings that have end use, not consumption for a particular fuel for a particular end use. • Because of rounding, data may not sum to totals.

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