Table 1. Total Energy Consumption by Major Fuel, 1995

Building Characteristics	All Buildings		Total Energy Consumption (trillion Btu)						RSE Row Factor
	Number of Buildings (thousand)	Floorspace (million square feet)	Total of Major Fuels	Site Electricity	Natural Gas	Fuel Oil	District Heat	Primary Electricity (trillion Btu)	
RSE Column Factor:	0.7	0.6	0.8	0.8	1.0	1.9	2.5	0.8	
All Buildings	4,579	58,772	5,321	2,608	1,946	235	533	7,873	5.74
Building Floorspace (square feet)									
1,001 to 5,000	2,399	6,338	708	380	264	44	Q	1,148	9.50
5,001 to 10,000	1,035	7,530	624	238	272	26	Q	718	14.90
10,001 to 25,000	745	11,617	824	384	356	45	38	1,161	12.29
25,001 to 50,000	213	7,676	630	316	231	28	55	954	9.79
50,001 to 100,000	115	7,968	698	363	243	31	60	1,097	10.41
100,001 to 200,000	48	6,776	687	337	244	21	84	1,017	11.84
200,001 to 500,000	19	5,553	636	307	211	25	94	927	13.65
Over 500,000	6	5,313	514	282	125	14	93	852	14.56
Principal Building Activity									
Education	309	7,740	614	221	245	57	91	666	10.34
Food Sales	137	642	137	119	18	Q	Q	358	20.58
Food Service	285	1,353	332	166	158	Q	Q	502	20.94
Health Care	105	2,333	561	211	258	21	70	637	13.78
Lodging	158	3,618	461	187	213	Q	57	565	13.83
Mercantile and Service	1,289	12,728	973	508	395	49	Q	1,533	12.33
Office	705	10,478	1,019	676	239	28	75	2,039	11.11
Public Assembly	326	3,948	449	170	142	14	Q	514	17.28
Public Order and Safety	87	1,271	124	49	33	Q	Q	148	30.10
Religious Worship	269	2,792	104	33	57	13	Q	99	13.80
Warehouse and Storage	580	8,481	325	176	106	10	Q	531	16.23
Other	67	1,004	173	75	55	Q	Q	228	32.41
Vacant	261	2,384	51	18	26	5	Q	54	25.95
Year Constructed									
1919 or Before	353	3,673	292	99	135	26	31	300	17.69
1920 to 1945	562	6,710	508	173	210	40	85	523	13.02
1946 to 1959	867	9,298	826	325	391	54	57	980	13.05
1960 to 1969	718	10,858	1,024	472	375	53	124	1,424	10.20
1970 to 1979	813	11,333	1,125	615	393	28	89	1,856	9.79
1980 to 1989	846	12,252	1,059	648	288	23	Q	1,955	10.82
1990 to 1992	218	2,590	297	163	100	2	Q	492	20.61
1993 to 1995	202	2,059	190	113	54	8	Q	343	21.77
Floors									
One	3,018	24,552	1,846	980	654	78	Q	2,958	8.58
Two	1,002	14,122	1,122	549	481	54	38	1,656	10.13
Three	399	7,335	675	283	284	43	65	853	12.15
Four to Nine	148	8,789	1,229	552	411	49	217	1,667	11.39
Ten or More	12	3,975	451	244	117	11	79	738	14.00
Census Region and Division									
Northeast	725	11,883	1,035	436	297	168	135	1,317	10.17
New England	204	3,140	274	99	74	79	23	297	16.09
Middle Atlantic	521	8,743	761	338	223	88	112	1,020	12.10
Midwest	1,139	14,322	1,497	558	750	16	173	1,684	11.18
East North Central	739	9,655	987	356	505	Q	114	1,074	11.65
West North Central	401	4,668	510	202	244	4	60	610	20.49
South	1,750	20,830	1,684	1,027	528	45	83	3,101	10.43
South Atlantic	676	9,475	772	487	197	37	Q	1,471	13.96
East South Central	477	4,917	417	238	164	Q	Q	718	18.42
West South Central	597	6,438	494	302	167	Q	Q	911	13.93
West	964	11,736	1,106	587	371	7	Q	1,772	13.72
Mountain	319	3,855	429	182	150	Q	Q	549	24.32
Pacific	646	7,881	677	405	221	Q	Q	1,223	13.82

See footnotes at end of table.

Table 1. Total Energy Consumption by Major Fuel, 1995 (Continued)

Building Characteristics	All Buildings		Total Energy Consumption (trillion Btu)						RSE Row Factor
	Number of Buildings (thousand)	Floorspace (million square feet)	Total of Major Fuels	Site Electricity	Natural Gas	Fuel Oil	District Heat	Primary Electricity (trillion Btu)	
RSE Column Factor:	0.7	0.6	0.8	0.8	1.0	1.9	2.5	0.8	
Climate Zone: 45-Year Average									
Fewer than 2,000 CDD and --									
More than 7,000 HDD	493	5,098	499	178	240	51	29	539	17.43
5,500-7,000 HDD	975	14,597	1,591	571	692	69	259	1,725	11.14
4,000-5,499 HDD	1,070	15,155	1,407	700	452	101	154	2,112	13.53
Fewer than 4,000 HDD	1,103	13,491	1,078	648	372	Q	Q	1,955	14.28
More than 2,000 CDD and --									
Fewer than 4,000 HDD	937	10,430	746	511	191	5	Q	1,543	16.34
Workers (main shift)									
Fewer than 5	2,505	13,885	789	327	298	59	Q	988	10.50
5 to 9	798	6,291	509	224	244	22	Q	676	14.70
10 to 19	625	7,102	614	293	269	33	Q	884	14.71
20 to 49	400	9,132	868	422	343	38	66	1,273	9.77
50 to 99	138	6,931	630	310	218	28	74	935	10.74
100 to 249	71	5,988	649	333	222	28	66	1,007	12.50
250 or More	43	9,443	1,262	699	352	28	183	2,111	12.22
Weekly Operating Hours									
39 or Fewer	899	6,134	180	61	92	20	Q	185	15.33
40 to 48	1,257	13,233	879	403	365	42	69	1,217	11.51
49 to 60	969	12,242	937	497	301	58	81	1,501	12.12
61 to 84	567	10,052	796	435	279	37	44	1,313	10.99
85 to 167	420	6,202	831	435	243	24	Q	1,312	12.57
Open Continuously	466	10,908	1,698	777	665	53	203	2,345	10.17
Ownership and Occupancy									
Nongovernment Owned	4,025	46,696	3,950	2,018	1,472	166	295	6,091	6.95
Owner Occupied	3,158	35,573	3,287	1,609	1,245	150	283	4,858	7.38
Nonowner Occupied	698	9,697	647	403	218	15	Q	1,216	12.61
Unoccupied	170	1,426	16	6	Q	Q	Q	17	43.05
Government Owned	553	12,076	1,372	590	474	69	238	1,782	10.73
Federal	76	1,752	266	143	42	6	75	431	30.44
State	99	2,851	438	191	121	13	113	577	20.68
Local	379	7,473	668	256	311	51	Q	774	13.40
Space in Building Vacant for at Least Three Consecutive Months									
Yes	787	15,844	1,120	595	409	32	84	1,795	10.79
No	3,791	42,928	4,202	2,013	1,537	203	449	6,078	6.40
Energy Sources (more than one may apply)									
Electricity	4,343	57,076	5,312	2,608	1,938	234	532	7,873	5.91
Natural Gas	2,478	38,145	3,931	1,704	1,946	86	194	5,145	6.93
Fuel Oil	607	14,421	1,732	778	556	235	163	2,350	9.77
District Heat	110	5,658	1,051	364	146	9	533	1,100	20.78
District Chilled Water	53	2,521	542	188	101	2	250	567	21.78
Propane	589	5,344	392	224	90	65	Q	676	15.59
Other	213	2,336	259	83	64	13	Q	251	25.55
Energy End Uses (more than one may apply)									
Buildings with Space Heating	4,024	54,347	5,247	2,543	1,937	234	532	7,679	5.81
Buildings with Cooling	3,381	49,935	4,923	2,473	1,782	179	488	7,467	6.09
Buildings with Water Heating	3,486	51,560	5,090	2,495	1,878	222	496	7,533	5.86
Buildings with Cooking	828	20,713	2,506	1,244	975	105	181	3,757	7.13
Buildings with Manufacturing	204	3,893	307	157	111	15	Q	474	19.50
Buildings with Electricity Generation	247	13,366	1,705	859	577	81	188	2,593	9.06

See footnotes at end of table.

Table 1. Total Energy Consumption by Major Fuel, 1995 (Continued)

Building Characteristics	All Buildings		Total Energy Consumption (trillion Btu)						RSE Row Factor
	Number of Buildings (thousand)	Floorspace (million square feet)	Total of Major Fuels	Site Electricity	Natural Gas	Fuel Oil	District Heat	Primary Electricity (trillion Btu)	
RSE Column Factor:	0.7	0.6	0.8	0.8	1.0	1.9	2.5	0.8	
Space-Heating Energy Sources (more than one may apply)									
Electricity	1,467	22,156	1,908	1,223	555	52	78	3,692	9.87
Natural Gas	2,211	31,535	3,095	1,334	1,685	30	47	4,026	7.45
Fuel Oil	504	6,606	722	263	205	220	Q	794	16.49
District Heat	109	5,606	1,036	361	136	9	530	1,090	15.45
Propane	301	2,025	129	92	23	Q	Q	279	26.51
Other	135	1,050	77	33	30	Q	Q	101	26.86
Primary Space-Heating Energy Source									
Electricity	1,007	13,500	1,006	810	176	10	Q	2,445	12.81
Natural Gas	2,106	28,808	2,839	1,196	1,614	15	Q	3,611	7.21
Fuel Oil	439	4,207	305	92	16	196	Q	279	17.76
District Heat	107	5,289	977	344	118	7	508	1,040	15.96
Propane	260	1,545	71	65	Q	Q	Q	197	31.76
Other	61	514	16	11	Q	Q	Q	34	40.97
Cooling Energy Sources (more than one may apply)									
Electricity	3,293	47,761	4,532	2,344	1,703	176	309	7,077	5.88
Natural Gas	65	1,314	220	82	116	5	Q	247	30.00
District Chilled Water	53	2,521	542	188	101	2	250	567	21.78
Water-Heating Energy Sources (more than one may apply)									
Electricity	1,684	23,056	1,657	1,138	359	77	83	3,434	9.33
Natural Gas	1,577	24,859	2,769	1,160	1,513	47	49	3,502	7.65
Fuel Oil	120	2,151	203	55	29	112	Q	167	20.90
District Heat	54	3,949	762	251	99	5	406	757	16.23
Propane	110	1,020	75	61	Q	Q	Q	184	32.96
Cooking Energy Sources (more than one may apply)									
Electricity	487	12,249	1,496	830	506	48	112	2,507	9.83
Natural Gas	448	13,195	1,698	742	801	51	103	2,241	8.92
Propane	123	1,480	125	92	Q	30	Q	278	27.56
Percent of Floorspace Heated									
Not Heated	554	4,425	74	64	Q	Q	Q	194	21.27
1 to 50	555	6,227	247	145	86	13	Q	437	15.45
51 to 99	633	8,868	805	440	281	43	41	1,329	14.41
100	2,836	39,252	4,195	1,959	1,570	178	488	5,913	6.03
Percent of Floorspace Cooled									
Not Cooled	1,198	8,837	399	135	163	56	45	406	15.17
1 to 50	930	15,027	1,044	358	515	90	80	1,082	11.31
51 to 99	635	12,549	1,360	727	463	45	125	2,194	9.72
100	1,816	22,359	2,519	1,388	804	44	282	4,191	8.97
Percent Lit when Open									
Zero	36	189	Q	Q	Q	Q	Q	Q	50.54
1 to 50	666	6,008	308	125	136	33	Q	376	13.59
51 to 99	745	9,692	884	412	345	47	80	1,243	11.17
100	2,814	40,514	4,103	2,066	1,448	152	437	6,236	6.87
Building Not in Use/ Electricity Not Used	318	2,369	26	Q	Q	Q	Q	Q	29.12

See footnotes at end of table.

Table 1. Total Energy Consumption by Major Fuel, 1995 (Continued)

Building Characteristics	All Buildings		Total Energy Consumption (trillion Btu)						RSE Row Factor
	Number of Buildings (thousand)	Floorspace (million square feet)	Total of Major Fuels	Site Electricity	Natural Gas	Fuel Oil	District Heat	Primary Electricity (trillion Btu)	
RSE Column Factor:	0.7	0.6	0.8	0.8	1.0	1.9	2.5	0.8	
Percent Lit when Closed									
Zero	1,644	13,101	753	340	302	47	Q	1,025	11.77
1 to 50	2,109	30,711	2,639	1,346	909	127	257	4,063	8.02
51 to 100	87	1,914	208	141	56	Q	Q	425	29.20
Never Closed	421	10,677	1,696	776	663	53	203	2,344	10.86
Building Not in Use/ Electricity Not Used	318	2,369	26	Q	Q	Q	Q	Q	34.46
Energy Conservation Features (more than one may apply)									
Any Conservation Features	4,075	55,288	5,260	2,569	1,927	232	532	7,755	5.82
Building Shell	3,906	53,190	5,135	2,512	1,883	219	520	7,584	5.99
HVAC	2,529	44,657	4,621	2,273	1,629	212	508	6,861	6.18
Lighting	2,084	38,537	4,012	2,017	1,454	167	374	6,091	6.02

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. • HVAC = Heating, Ventilation, and Air Conditioning. • 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 2. Total Energy Expenditures by Major Fuel, 1995

Building Characteristics	All Buildings		Total Energy Expenditures (million dollars)					RSE Row Factor
	Number of Buildings (thousand)	Floorspace (million square feet)	Total of Major Fuels	Electricity	Natural Gas	Fuel Oil	District Heat	
RSE Column Factor:	0.7	0.6	0.7	0.7	1.0	2.0	2.4	
All Buildings	4,579	58,772	69,918	56,621	9,018	1,175	3,103	5.62
Building Floorspace (square feet)								
1,001 to 5,000	2,399	6,338	11,577	9,696	1,483	275	Q	9.81
5,001 to 10,000	1,035	7,530	8,063	6,055	1,439	153	Q	13.81
10,001 to 25,000	745	11,617	11,099	8,911	1,775	239	174	12.24
25,001 to 50,000	213	7,676	8,676	7,005	1,159	129	383	10.13
50,001 to 100,000	115	7,968	8,824	7,194	1,091	140	400	10.58
100,001 to 200,000	48	6,776	7,859	6,283	958	88	530	11.93
200,001 to 500,000	19	5,553	7,291	5,908	729	97	557	13.13
Over 500,000	6	5,313	6,530	5,568	385	56	521	15.34
Principal Building Activity								
Education	309	7,740	7,129	5,168	1,117	249	595	11.60
Food Sales	137	642	2,634	2,532	97	Q	Q	22.57
Food Service	285	1,353	4,817	3,931	851	Q	Q	21.82
Health Care	105	2,333	5,261	3,901	838	94	428	14.73
Lodging	158	3,618	5,114	3,838	966	Q	291	14.89
Mercantile and Service	1,289	12,728	14,025	11,655	1,979	265	Q	12.05
Office	705	10,478	15,849	14,020	1,150	154	524	10.97
Public Assembly	326	3,948	4,988	3,604	675	75	Q	16.42
Public Order and Safety	87	1,271	1,551	1,131	167	Q	Q	31.80
Religious Worship	269	2,792	1,337	953	303	69	Q	14.80
Warehouse and Storage	580	8,481	4,709	3,934	559	56	Q	17.57
Other	67	1,004	1,865	1,473	197	Q	Q	34.95
Vacant	261	2,384	638	481	119	25	Q	24.91
Year Constructed								
1919 or Before	353	3,673	3,310	2,290	655	127	238	16.15
1920 to 1945	562	6,710	5,665	4,012	966	192	495	13.37
1946 to 1959	867	9,298	9,813	7,395	1,796	294	328	12.19
1960 to 1969	718	10,858	13,135	10,405	1,750	259	721	11.07
1970 to 1979	813	11,333	15,366	13,005	1,695	134	532	9.67
1980 to 1989	846	12,252	15,895	13,844	1,397	118	Q	10.71
1990 to 1992	218	2,590	4,011	3,318	510	11	Q	19.80
1993 to 1995	202	2,059	2,722	2,353	249	39	Q	24.21
Floors								
One	3,018	24,552	27,099	22,624	3,353	423	Q	8.16
Two	1,002	14,122	15,409	12,510	2,389	276	234	10.11
Three	399	7,335	8,027	6,133	1,324	212	359	13.62
Four to Nine	148	8,789	13,245	10,234	1,548	220	1,244	10.65
Ten or More	12	3,975	6,137	5,121	404	44	569	15.53
Census Region and Division								
Northeast	725	11,883	16,479	13,059	1,739	818	863	10.80
New England	204	3,140	4,019	3,082	432	374	131	16.78
Middle Atlantic	521	8,743	12,460	9,978	1,307	444	732	13.07
Midwest	1,139	14,322	15,076	10,946	2,947	84	1,100	11.36
East North Central	739	9,655	10,141	7,360	2,043	Q	677	11.85
West North Central	401	4,668	4,935	3,586	903	Q	423	19.37
South	1,750	20,830	22,211	19,009	2,560	240	402	10.44
South Atlantic	676	9,475	10,922	9,502	1,009	196	215	15.63
East South Central	477	4,917	4,854	3,979	792	Q	Q	17.64
West South Central	597	6,438	6,435	5,527	759	Q	Q	13.22
West	964	11,736	16,152	13,607	1,772	34	Q	13.28
Mountain	319	3,855	4,415	3,390	585	Q	Q	25.93
Pacific	646	7,881	11,737	10,217	1,188	Q	Q	14.21

See footnotes at end of table.

Table 2. Total Energy Expenditures by Major Fuel, 1995 (Continued)

Building Characteristics	All Buildings		Total Energy Expenditures (million dollars)					RSE Row Factor
	Number of Buildings (thousand)	Floorspace (million square feet)	Total of Major Fuels	Electricity	Natural Gas	Fuel Oil	District Heat	
RSE Column Factor:	0.7	0.6	0.7	0.7	1.0	2.0	2.4	
Climate Zone: 45-Year Average								
Fewer than 2,000 CDD and --								
More than 7,000 HDD	493	5,098	4,975	3,600	952	241	183	18.43
5,500-7,000 HDD	975	14,597	17,822	13,123	2,907	349	1,443	10.43
4,000-5,499 HDD	1,070	15,155	18,783	15,057	2,214	511	1,001	13.65
Fewer than 4,000 HDD	1,103	13,491	16,823	14,479	2,012	Q	Q	14.73
More than 2,000 CDD and --								
Fewer than 4,000 HDD	937	10,430	11,515	10,363	933	Q	192	15.84
Workers (main shift)								
Fewer than 5	2,505	13,885	10,958	8,510	1,620	338	Q	10.06
5 to 9	798	6,291	6,939	5,478	1,198	129	Q	14.62
10 to 19	625	7,102	8,410	6,712	1,364	179	Q	14.40
20 to 49	400	9,132	11,781	9,480	1,729	181	391	10.15
50 to 99	138	6,931	8,140	6,595	985	114	445	10.88
100 to 249	71	5,988	8,107	6,668	930	117	391	11.98
250 or More	43	9,443	15,584	13,177	1,192	117	1,098	11.90
Weekly Operating Hours								
39 or Fewer	899	6,134	2,400	1,728	498	112	Q	15.72
40 to 48	1,257	13,233	11,831	9,435	1,790	226	380	10.76
49 to 60	969	12,242	13,167	10,912	1,466	300	489	11.46
61 to 84	567	10,052	11,698	9,807	1,410	184	296	11.68
85 to 167	420	6,202	11,593	9,608	1,215	107	Q	13.19
Open Continuously	466	10,908	19,230	15,131	2,638	245	1,215	10.18
Ownership and Occupancy								
Nongovernment Owned	4,025	46,696	54,483	44,825	7,065	863	1,730	6.86
Owner Occupied	3,158	35,573	43,122	34,878	5,825	781	1,638	7.22
Nonowner Occupied	698	9,697	11,131	9,768	1,201	78	Q	13.10
Unoccupied	170	1,426	230	179	Q	Q	Q	41.79
Government Owned	553	12,076	15,435	11,796	1,953	312	1,374	9.83
Federal	76	1,752	3,026	2,493	166	27	341	27.95
State	99	2,851	4,799	3,610	454	60	676	20.78
Local	379	7,473	7,609	5,694	1,334	225	Q	13.04
Space in Building Vacant for at Least Three Consecutive Months								
Yes	787	15,844	15,193	12,715	1,765	159	554	10.73
No	3,791	42,928	54,725	43,906	7,253	1,017	2,550	6.45
Energy Sources (more than one may apply)								
Electricity	4,343	57,076	69,876	56,621	8,987	1,167	3,100	5.74
Natural Gas	2,478	38,145	48,011	37,320	9,018	396	1,277	7.31
Fuel Oil	607	14,421	20,194	15,850	2,099	1,175	1,069	10.17
District Heat	110	5,658	10,584	6,957	486	38	3,103	20.92
District Chilled Water	53	2,521	5,074	3,344	327	11	1,393	21.58
Propane	589	5,344	6,153	5,323	425	323	Q	15.53
Other	213	2,336	2,710	1,878	272	70	Q	23.95
Energy End Uses (more than one may apply)								
Buildings with Space Heating	4,024	54,347	68,085	54,844	8,972	1,167	3,102	5.68
Buildings with Cooling	3,381	49,935	65,100	53,201	8,189	876	2,835	5.97
Buildings with Water Heating	3,486	51,560	66,466	53,846	8,650	1,096	2,874	5.77
Buildings with Cooking	828	20,713	31,611	25,825	4,216	481	1,088	7.19
Buildings with Manufacturing	204	3,893	4,028	3,252	528	65	Q	19.20
Buildings with Electricity Generation	247	13,366	20,828	16,911	2,246	369	1,302	9.70

See footnotes at end of table.

Table 2. Total Energy Expenditures by Major Fuel, 1995 (Continued)

Building Characteristics	All Buildings		Total Energy Expenditures (million dollars)					RSE Row Factor
	Number of Buildings (thousand)	Floorspace (million square feet)	Total of Major Fuels	Elec-tricity	Natural Gas	Fuel Oil	District Heat	
RSE Column Factor:	0.7	0.6	0.7	0.7	1.0	2.0	2.4	
Space-Heating Energy Sources (more than one may apply)								
Electricity	1,467	22,156	28,336	25,058	2,579	257	442	10.03
Natural Gas	2,211	31,535	37,864	29,646	7,770	137	Q	6.68
Fuel Oil	504	6,606	8,043	6,000	728	1,096	Q	16.27
District Heat	109	5,606	10,491	6,904	465	38	3,084	15.88
Propane	301	2,025	2,451	2,280	96	Q	Q	29.22
Other	135	1,050	960	768	121	Q	Q	29.94
Primary Space-Heating Energy Source								
Electricity	1,007	13,500	17,325	16,279	979	47	Q	13.58
Natural Gas	2,106	28,808	34,272	26,667	7,437	73	Q	7.17
Fuel Oil	439	4,207	3,922	2,827	111	983	Q	18.09
District Heat	107	5,289	9,987	6,573	400	30	2,984	16.38
Propane	260	1,545	1,766	1,738	Q	Q	Q	34.12
Other	61	514	278	248	Q	Q	Q	43.55
Cooling Energy Sources (more than one may apply)								
Electricity	3,293	47,761	61,379	50,797	7,868	863	1,850	5.77
Natural Gas	65	1,314	2,328	1,738	462	22	Q	26.81
District Chilled Water	53	2,521	5,074	3,344	327	11	1,393	21.58
Water-Heating Energy Sources (more than one may apply)								
Electricity	1,684	23,056	26,839	24,101	1,883	409	447	9.10
Natural Gas	1,577	24,859	32,683	25,261	6,849	210	364	8.33
Fuel Oil	120	2,151	2,329	1,622	139	534	Q	21.48
District Heat	54	3,949	7,545	4,913	329	23	2,279	17.45
Propane	110	1,020	1,584	1,519	Q	Q	Q	36.44
Cooking Energy Sources (more than one may apply)								
Electricity	487	12,249	19,314	16,338	2,105	208	664	9.87
Natural Gas	448	13,195	20,182	15,828	3,495	235	623	9.15
Propane	123	1,480	2,450	2,293	Q	142	Q	28.74
Percent of Floorspace Heated								
Not Heated	554	4,425	1,833	1,777	Q	Q	Q	20.88
1 to 50	555	6,227	4,024	3,456	469	79	Q	16.14
51 to 99	633	8,868	11,724	9,760	1,461	219	285	13.21
100	2,836	39,252	52,337	41,628	7,042	868	2,798	5.91
Percent of Floorspace Cooled								
Not Cooled	1,198	8,837	4,818	3,421	829	299	269	14.53
1 to 50	930	15,027	11,919	8,642	2,410	418	450	11.50
51 to 99	635	12,549	18,400	15,196	2,121	224	859	9.92
100	1,816	22,359	34,781	29,363	3,658	234	1,526	8.81
Percent Lit when Open								
Zero	36	189	Q	Q	Q	Q	Q	50.88
1 to 50	666	6,008	4,252	3,274	724	176	Q	15.06
51 to 99	745	9,692	11,682	9,346	1,597	234	505	12.03
100	2,814	40,514	53,711	43,826	6,627	745	2,513	6.75
Building Not in Use/ Electricity Not Used	318	2,369	246	149	Q	Q	Q	29.14

See footnotes at end of table.

Table 2. Total Energy Expenditures by Major Fuel, 1995 (Continued)

Building Characteristics	All Buildings		Total Energy Expenditures (million dollars)					RSE Row Factor
	Number of Buildings (thousand)	Floorspace (million square feet)	Total of Major Fuels	Elec-tricity	Natural Gas	Fuel Oil	District Heat	
RSE Column Factor:	0.7	0.6	0.7	0.7	1.0	2.0	2.4	
Percent Lit when Closed								
Zero	1,644	13,101	10,364	8,176	1,546	247	Q	11.77
1 to 50	2,109	30,711	37,023	30,461	4,478	638	1,447	7.82
51 to 100	87	1,914	3,077	2,715	298	Q	Q	26.83
Never Closed	421	10,677	19,207	15,121	2,627	245	1,215	10.66
Building Not in Use/ Electricity Not Used	318	2,369	246	149	Q	Q	Q	32.30
Energy Conservation Features (more than one may apply)								
Any Conservation Features	4,075	55,288	68,728	55,553	8,918	1,159	3,097	5.70
Building Shell	3,906	53,190	66,909	54,093	8,689	1,088	3,039	5.85
HVAC	2,529	44,657	59,844	48,480	7,409	1,040	2,915	6.06
Lighting	2,084	38,537	52,428	42,834	6,565	799	2,231	5.86

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. • HVAC = Heating, Ventilation, and Air Conditioning. • 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 3. Consumption for Sum of Major Fuels, 1995

Building Characteristics	All Buildings			Sum of Major Fuel Consumption				RSE Row Factor
	Number of Buildings (thousand)	Floorspace (million square feet)	Floorspace per Building (thousand square feet)	Total (trillion Btu)	per Building (million Btu)	per Square Foot (thousand Btu)	per Worker (million Btu)	
RSE Column Factor:	1.0	0.8	0.7	1.1	1.2	1.0	1.2	
All Buildings	4,579	58,772	12.8	5,321	1,162	90.5	69.3	3.83
Building Floorspace (square feet)								
1,001 to 5,000	2,399	6,338	2.6	708	295	111.7	66.9	5.64
5,001 to 10,000	1,035	7,530	7.3	624	603	82.8	82.2	9.63
10,001 to 25,000	745	11,617	15.6	824	1,106	70.9	63.6	7.20
25,001 to 50,000	213	7,676	36.1	630	2,961	82.0	61.7	4.59
50,001 to 100,000	115	7,968	69.3	698	6,070	87.6	71.7	4.97
100,001 to 200,000	48	6,776	140.9	687	14,281	101.4	80.9	6.69
200,001 to 500,000	19	5,553	294.9	636	33,800	114.6	83.7	6.82
Over 500,000	6	5,313	896.4	514	86,763	96.8	53.5	9.30
Principal Building Activity								
Education	309	7,740	25.1	614	1,986	79.3	60.8	8.14
Food Sales	137	642	4.7	137	1,002	213.5	210.1	12.31
Food Service	285	1,353	4.8	332	1,167	245.5	141.8	12.14
Health Care	105	2,333	22.2	561	5,342	240.4	125.1	12.68
Lodging	158	3,618	22.8	461	2,908	127.3	167.7	10.65
Mercantile and Service	1,289	12,728	9.9	973	755	76.4	72.3	8.49
Office	705	10,478	14.9	1,019	1,445	97.2	37.7	7.56
Public Assembly	326	3,948	12.1	449	1,376	113.7	149.8	16.05
Public Order and Safety	87	1,271	14.6	124	1,416	97.2	72.5	21.19
Religious Worship	269	2,792	10.4	104	387	37.4	Q	11.35
Warehouse and Storage	580	8,481	14.6	325	560	38.3	66.2	11.36
Other	67	1,004	14.9	173	2,566	172.2	93.7	24.28
Vacant	261	2,384	9.1	51	196	21.5	80.1	21.29
Year Constructed								
1919 or Before	353	3,673	10.4	292	827	79.4	79.7	12.74
1920 to 1945	562	6,710	11.9	508	905	75.7	69.1	9.74
1946 to 1959	867	9,298	10.7	826	953	88.9	80.9	8.69
1960 to 1969	718	10,858	15.1	1,024	1,425	94.3	71.2	7.38
1970 to 1979	813	11,333	13.9	1,125	1,384	99.3	74.8	7.06
1980 to 1989	846	12,252	14.5	1,059	1,252	86.5	52.4	8.57
1990 to 1992	218	2,590	11.9	297	1,361	114.6	76.1	14.22
1993 to 1995	202	2,059	10.2	190	940	92.2	94.5	15.02
Floors								
One	3,018	24,552	8.1	1,846	612	75.2	72.7	6.11
Two	1,002	14,122	14.1	1,122	1,120	79.4	62.4	7.20
Three	399	7,335	18.4	675	1,689	92.0	79.7	8.50
Four to Nine	148	8,789	59.4	1,229	8,302	139.8	84.3	9.58
Ten or More	12	3,975	328.9	451	37,283	113.4	43.4	10.09
Census Region and Division								
Northeast	725	11,883	16.4	1,035	1,427	87.1	68.3	8.50
New England	204	3,140	15.4	274	1,343	87.3	80.8	13.02
Middle Atlantic	521	8,743	16.8	761	1,460	87.1	64.8	9.83
Midwest	1,139	14,322	12.6	1,497	1,314	104.5	88.2	7.52
East North Central	739	9,655	13.1	987	1,335	102.2	92.7	8.66
West North Central	401	4,668	11.6	510	1,273	109.3	80.5	14.56
South	1,750	20,830	11.9	1,684	962	80.8	63.5	6.42
South Atlantic	676	9,475	14.0	772	1,142	81.5	61.3	9.54
East South Central	477	4,917	10.3	417	875	84.8	57.4	14.62
West South Central	597	6,438	10.8	494	828	76.7	74.5	9.88
West	964	11,736	12.2	1,106	1,147	94.2	60.9	10.48
Mountain	319	3,855	12.1	429	1,346	111.3	94.8	15.94
Pacific	646	7,881	12.2	677	1,048	85.9	49.7	10.84

See footnotes at end of table.

Table 3. Consumption for Sum of Major Fuels, 1995 (Continued)

Building Characteristics	All Buildings			Sum of Major Fuel Consumption				RSE Row Factor
	Number of Buildings (thousand)	Floorspace (million square feet)	Floorspace per Building (thousand square feet)	Total (trillion Btu)	per Building (million Btu)	per Square Foot (thousand Btu)	per Worker (million Btu)	
RSE Column Factor:	1.0	0.8	0.7	1.1	1.2	1.0	1.2	
Climate Zone: 45-Year Average								
Fewer than 2,000 CDD and --								
More than 7,000 HDD	493	5,098	10.3	499	1,011	97.8	83.6	12.54
5,500-7,000 HDD	975	14,597	15.0	1,591	1,633	109.0	94.2	7.40
4,000-5,499 HDD	1,070	15,155	14.2	1,407	1,315	92.8	66.8	11.07
Fewer than 4,000 HDD	1,103	13,491	12.2	1,078	977	79.9	52.4	9.91
More than 2,000 CDD and --								
Fewer than 4,000 HDD	937	10,430	11.1	746	796	71.6	60.8	10.01
Workers (main shift)								
Fewer than 5	2,505	13,885	5.5	789	315	56.8	170.1	8.93
5 to 9	798	6,291	7.9	509	638	80.8	98.6	9.79
10 to 19	625	7,102	11.4	614	983	86.5	78.4	9.64
20 to 49	400	9,132	22.8	868	2,172	95.1	75.3	6.69
50 to 99	138	6,931	50.3	630	4,571	90.9	70.6	7.81
100 to 249	71	5,988	84.4	649	9,148	108.3	65.9	7.05
250 or More	43	9,443	220.1	1,262	29,426	133.7	43.8	11.08
Weekly Operating Hours								
39 or Fewer	899	6,134	6.8	180	200	29.3	31.2	11.58
40 to 48	1,257	13,233	10.5	879	700	66.4	53.1	7.27
49 to 60	969	12,242	12.6	937	967	76.6	52.8	7.71
61 to 84	567	10,052	17.7	796	1,404	79.2	60.2	7.48
85 to 167	420	6,202	14.8	831	1,978	134.0	119.4	11.03
Open Continuously	466	10,908	23.4	1,698	3,644	155.7	102.8	7.64
Ownership and Occupancy								
Nongovernment Owned	4,025	46,696	11.6	3,950	981	84.6	65.3	4.11
Owner Occupied	3,158	35,573	11.3	3,287	1,041	92.4	70.1	4.58
Nonowner Occupied	698	9,697	13.9	647	927	66.7	48.4	7.57
Unoccupied	170	1,426	8.4	16	93	11.0	71.5	32.58
Government Owned	553	12,076	21.8	1,372	2,479	113.6	84.2	8.13
Federal	76	1,752	23.2	266	3,521	151.8	75.9	26.23
State	99	2,851	28.7	438	4,404	153.6	107.7	15.91
Local	379	7,473	19.7	668	1,765	89.4	76.7	10.46
Space in Building Vacant for at Least Three Consecutive Months								
Yes	787	15,844	20.1	1,120	1,422	70.7	51.2	8.09
No	3,791	42,928	11.3	4,202	1,108	97.9	76.6	4.36
Energy Sources (more than one may apply)								
Electricity	4,343	57,076	13.1	5,312	1,223	93.1	69.4	3.89
Natural Gas	2,478	38,145	15.4	3,931	1,586	103.0	78.3	4.29
Fuel Oil	607	14,421	23.7	1,732	2,852	120.1	75.4	8.26
District Heat	110	5,658	51.5	1,051	9,572	185.8	101.0	19.04
District Chilled Water	53	2,521	47.7	542	10,247	214.8	121.9	19.60
Propane	589	5,344	9.1	392	665	73.4	50.9	11.74
Other	213	2,336	11.0	259	1,215	110.7	98.5	25.85
Energy End Uses (more than one may apply)								
Buildings with Space Heating	4,024	54,347	13.5	5,247	1,304	96.5	70.0	3.92
Buildings with Cooling	3,381	49,935	14.8	4,923	1,456	98.6	69.2	4.01
Buildings with Water Heating	3,486	51,560	14.8	5,090	1,460	98.7	70.0	4.02
Buildings with Cooking	828	20,713	25.0	2,506	3,027	121.0	78.6	5.41
Buildings with Manufacturing	204	3,893	19.1	307	1,502	78.8	62.0	14.98
Buildings with Electricity Generation	247	13,366	54.2	1,705	6,916	127.6	74.6	7.91

See footnotes at end of table.

Table 3. Consumption for Sum of Major Fuels, 1995 (Continued)

Building Characteristics	All Buildings			Sum of Major Fuel Consumption				RSE Row Factor
	Number of Buildings (thousand)	Floorspace (million square feet)	Floorspace per Building (thousand square feet)	Total (trillion Btu)	per Building (million Btu)	per Square Foot (thousand Btu)	per Worker (million Btu)	
RSE Column Factor:	1.0	0.8	0.7	1.1	1.2	1.0	1.2	
Space-Heating Energy Sources (more than one may apply)								
Electricity	1,467	22,156	15.1	1,908	1,300	86.1	56.1	6.12
Natural Gas	2,211	31,535	14.3	3,095	1,400	98.2	76.9	4.56
Fuel Oil	504	6,606	13.1	722	1,432	109.3	87.9	11.84
District Heat	109	5,606	51.4	1,036	9,490	184.8	99.9	13.78
Propane	301	2,025	6.7	129	429	63.8	Q	15.53
Other	135	1,050	7.8	77	568	72.9	74.0	16.07
Primary Space-Heating Energy Source								
Electricity	1,007	13,500	13.4	1,006	999	74.5	48.8	7.41
Natural Gas	2,106	28,808	13.7	2,839	1,348	98.5	78.0	4.83
Fuel Oil	439	4,207	9.6	305	695	72.6	75.3	9.65
District Heat	107	5,289	49.3	977	9,105	184.7	99.0	14.44
Propane	260	1,545	5.9	71	273	45.9	Q	20.19
Other	61	514	8.4	16	265	31.5	49.9	24.64
Cooling Energy Sources (more than one may apply)								
Electricity	3,293	47,761	14.5	4,532	1,376	94.9	66.9	3.91
Natural Gas	65	1,314	20.1	220	3,364	167.3	106.7	22.73
District Chilled Water	53	2,521	47.7	542	10,247	214.8	121.9	19.60
Water-Heating Energy Sources (more than one may apply)								
Electricity	1,684	23,056	13.7	1,657	984	71.9	49.0	5.87
Natural Gas	1,577	24,859	15.8	2,769	1,756	111.4	85.2	5.30
Fuel Oil	120	2,151	17.9	203	1,686	94.2	87.7	16.37
District Heat	54	3,949	73.7	762	14,224	192.9	106.6	15.72
Propane	110	1,020	9.2	75	680	73.6	64.4	20.35
Cooking Energy Sources (more than one may apply)								
Electricity	487	12,249	25.2	1,496	3,074	122.1	79.0	7.35
Natural Gas	448	13,195	29.4	1,698	3,787	128.7	84.7	6.95
Propane	123	1,480	12.0	125	1,010	84.3	68.8	18.10
Percent of Floorspace Heated								
Not Heated	554	4,425	8.0	74	134	16.8	40.1	15.92
1 to 50	555	6,227	11.2	247	446	39.7	58.3	10.94
51 to 99	633	8,868	14.0	805	1,271	90.7	69.9	10.24
100	2,836	39,252	13.8	4,195	1,479	106.9	70.9	4.14
Percent of Floorspace Cooled								
Not Cooled	1,198	8,837	7.4	399	333	45.1	71.0	9.47
1 to 50	930	15,027	16.2	1,044	1,122	69.5	84.1	8.36
51 to 99	635	12,549	19.8	1,360	2,142	108.4	70.6	7.08
100	1,816	22,359	12.3	2,519	1,387	112.6	63.8	5.71
Percent Lit when Open								
Zero	36	189	5.2	Q	Q	Q	Q	35.96
1 to 50	666	6,008	9.0	308	462	51.2	115.2	8.10
51 to 99	745	9,692	13.0	884	1,186	91.2	73.3	7.73
100	2,814	40,514	14.4	4,103	1,458	101.3	66.5	4.58
Building Not in Use/ Electricity Not Used	318	2,369	7.5	26	81	10.8	Q	23.41

See footnotes at end of table.

Table 3. Consumption for Sum of Major Fuels, 1995 (Continued)

Building Characteristics	All Buildings			Sum of Major Fuel Consumption				RSE Row Factor
	Number of Buildings (thousand)	Floorspace (million square feet)	Floorspace per Building (thousand square feet)	Total (trillion Btu)	per Building (million Btu)	per Square Foot (thousand Btu)	per Worker (million Btu)	
RSE Column Factor:	1.0	0.8	0.7	1.1	1.2	1.0	1.2	
Percent Lit when Closed								
Zero	1,644	13,101	8.0	753	458	57.4	59.3	7.51
1 to 50	2,109	30,711	14.6	2,639	1,251	85.9	58.8	5.26
51 to 100	87	1,914	22.0	208	2,391	108.6	80.8	20.39
Never Closed	421	10,677	25.4	1,696	4,033	158.9	103.6	7.81
Building Not in Use/ Electricity Not Used	318	2,369	7.5	26	81	10.8	101.2	29.34
Energy Conservation Features (more than one may apply)								
Any Conservation Features	4,075	55,288	13.6	5,260	1,291	95.1	69.6	3.86
Building Shell	3,906	53,190	13.6	5,135	1,315	96.5	69.2	3.98
HVAC	2,529	44,657	17.7	4,621	1,827	103.5	70.0	4.17
Lighting	2,084	38,537	18.5	4,012	1,925	104.1	68.7	4.48

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. • HVAC = Heating, Ventilation, and Air Conditioning. • 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 4. Expenditures for Sum of Major Fuels, 1995

Building Characteristics	All Buildings			Sum of Major Fuel Expenditures				RSE Row Factor
	Number of Buildings (thousand)	Floorspace (million square feet)	Floorspace per Building (thousand square feet)	Total (million dollars)	per Building (thousand dollars)	per Square Foot (dollars)	per Million Btu (dollars)	
RSE Column Factor:	1.2	0.9	0.9	1.2	1.2	0.9	0.7	
All Buildings	4,579	58,772	12.8	69,918	15.3	1.19	13.14	3.12
Building Floorspace (square feet)								
1,001 to 5,000	2,399	6,338	2.6	11,577	4.8	1.83	16.35	5.08
5,001 to 10,000	1,035	7,530	7.3	8,063	7.8	1.07	12.93	6.93
10,001 to 25,000	745	11,617	15.6	11,099	14.9	0.96	13.47	5.28
25,001 to 50,000	213	7,676	36.1	8,676	40.8	1.13	13.78	3.96
50,001 to 100,000	115	7,968	69.3	8,824	76.7	1.11	12.64	4.30
100,001 to 200,000	48	6,776	140.9	7,859	163.4	1.16	11.44	5.75
200,001 to 500,000	19	5,553	294.9	7,291	387.2	1.31	11.46	6.46
Over 500,000	6	5,313	896.4	6,530	1,101.6	1.23	12.70	8.31
Principal Building Activity								
Education	309	7,740	25.1	7,129	23.1	0.92	11.62	7.60
Food Sales	137	642	4.7	2,634	19.3	4.11	19.23	11.22
Food Service	285	1,353	4.8	4,817	16.9	3.56	14.50	12.51
Health Care	105	2,333	22.2	5,261	50.1	2.26	9.38	11.11
Lodging	158	3,618	22.8	5,114	32.3	1.41	11.10	9.59
Mercantile and Service	1,289	12,728	9.9	14,025	10.9	1.10	14.42	6.97
Office	705	10,478	14.9	15,849	22.5	1.51	15.56	6.37
Public Assembly	326	3,948	12.1	4,988	15.3	1.26	11.11	11.92
Public Order and Safety	87	1,271	14.6	1,551	17.8	1.22	12.55	21.73
Religious Worship	269	2,792	10.4	1,337	5.0	0.48	12.82	10.60
Warehouse and Storage	580	8,481	14.6	4,709	8.1	0.56	14.51	9.73
Other	67	1,004	14.9	1,865	27.7	1.86	10.79	18.87
Vacant	261	2,384	9.1	638	2.4	0.27	12.48	18.53
Year Constructed								
1919 or Before	353	3,673	10.4	3,310	9.4	0.90	11.35	11.52
1920 to 1945	562	6,710	11.9	5,665	10.1	0.84	11.15	8.98
1946 to 1959	867	9,298	10.7	9,813	11.3	1.06	11.87	7.10
1960 to 1969	718	10,858	15.1	13,135	18.3	1.21	12.83	6.66
1970 to 1979	813	11,333	13.9	15,366	18.9	1.36	13.66	5.97
1980 to 1989	846	12,252	14.5	15,895	18.8	1.30	15.01	6.63
1990 to 1992	218	2,590	11.9	4,011	18.4	1.55	13.51	11.61
1993 to 1995	202	2,059	10.2	2,722	13.5	1.32	14.34	14.89
Floors								
One	3,018	24,552	8.1	27,099	9.0	1.10	14.68	4.73
Two	1,002	14,122	14.1	15,409	15.4	1.09	13.74	5.40
Three	399	7,335	18.4	8,027	20.1	1.09	11.90	7.92
Four to Nine	148	8,789	59.4	13,245	89.5	1.51	10.78	8.67
Ten or More	12	3,975	328.9	6,137	507.7	1.54	13.62	9.42
Census Region and Division								
Northeast	725	11,883	16.4	16,479	22.7	1.39	15.92	7.00
New England	204	3,140	15.4	4,019	19.7	1.28	14.67	10.45
Middle Atlantic	521	8,743	16.8	12,460	23.9	1.43	16.37	8.37
Midwest	1,139	14,322	12.6	15,076	13.2	1.05	10.07	6.61
East North Central	739	9,655	13.1	10,141	13.7	1.05	10.28	7.73
West North Central	401	4,668	11.6	4,935	12.3	1.06	9.67	12.12
South	1,750	20,830	11.9	22,211	12.7	1.07	13.19	5.15
South Atlantic	676	9,475	14.0	10,922	16.2	1.15	14.14	8.29
East South Central	477	4,917	10.3	4,854	10.2	0.99	11.64	9.87
West South Central	597	6,438	10.8	6,435	10.8	1.00	13.03	8.86
West	964	11,736	12.2	16,152	16.8	1.38	14.61	8.37
Mountain	319	3,855	12.1	4,415	13.9	1.15	10.29	13.64
Pacific	646	7,881	12.2	11,737	18.2	1.49	17.35	9.33

See footnotes at end of table.

Table 4. Expenditures for Sum of Major Fuels, 1995 (Continued)

Building Characteristics	All Buildings			Sum of Major Fuel Expenditures				RSE Row Factor
	Number of Buildings (thousand)	Floorspace (million square feet)	Floorspace per Building (thousand square feet)	Total (million dollars)	per Building (thousand dollars)	per Square Foot (dollars)	per Million Btu (dollars)	
RSE Column Factor:	1.2	0.9	0.9	1.2	1.2	0.9	0.7	
Climate Zone: 45-Year Average								
Fewer than 2,000 CDD and --								
More than 7,000 HDD	493	5,098	10.3	4,975	10.1	0.98	9.97	10.98
5,500-7,000 HDD	975	14,597	15.0	17,822	18.3	1.22	11.20	5.60
4,000-5,499 HDD	1,070	15,155	14.2	18,783	17.6	1.24	13.35	9.24
Fewer than 4,000 HDD	1,103	13,491	12.2	16,823	15.2	1.25	15.61	7.85
More than 2,000 CDD and --								
Fewer than 4,000 HDD	937	10,430	11.1	11,515	12.3	1.10	15.43	8.19
Workers (main shift)								
Fewer than 5	2,505	13,885	5.5	10,958	4.4	0.79	13.88	6.77
5 to 9	798	6,291	7.9	6,939	8.7	1.10	13.65	8.11
10 to 19	625	7,102	11.4	8,410	13.5	1.18	13.70	7.84
20 to 49	400	9,132	22.8	11,781	29.5	1.29	13.57	6.26
50 to 99	138	6,931	50.3	8,140	59.1	1.17	12.92	6.75
100 to 249	71	5,988	84.4	8,107	114.3	1.35	12.50	6.21
250 or More	43	9,443	220.1	15,584	363.2	1.65	12.34	9.41
Weekly Operating Hours								
39 or Fewer	899	6,134	6.8	2,400	2.7	0.39	13.35	8.25
40 to 48	1,257	13,233	10.5	11,831	9.4	0.89	13.46	6.16
49 to 60	969	12,242	12.6	13,167	13.6	1.08	14.05	6.31
61 to 84	567	10,052	17.7	11,698	20.6	1.16	14.69	6.92
85 to 167	420	6,202	14.8	11,593	27.6	1.87	13.95	8.68
Open Continuously	466	10,908	23.4	19,230	41.3	1.76	11.32	6.53
Ownership and Occupancy								
Nongovernment Owned	4,025	46,696	11.6	54,483	13.5	1.17	13.79	3.31
Owner Occupied	3,158	35,573	11.3	43,122	13.7	1.21	13.12	3.57
Nonowner Occupied	698	9,697	13.9	11,131	15.9	1.15	17.20	6.87
Unoccupied	170	1,426	8.4	230	1.4	0.16	14.63	29.26
Government Owned	553	12,076	21.8	15,435	27.9	1.28	11.25	6.93
Federal	76	1,752	23.2	3,026	40.1	1.73	11.38	24.45
State	99	2,851	28.7	4,799	48.3	1.68	10.96	14.78
Local	379	7,473	19.7	7,609	20.1	1.02	11.39	8.35
Space in Building Vacant for at Least Three Consecutive Months								
Yes	787	15,844	20.1	15,193	19.3	0.96	13.57	6.77
No	3,791	42,928	11.3	54,725	14.4	1.27	13.02	3.53
Energy Sources (more than one may apply)								
Electricity	4,343	57,076	13.1	69,876	16.1	1.22	13.16	3.15
Natural Gas	2,478	38,145	15.4	48,011	19.4	1.26	12.21	3.83
Fuel Oil	607	14,421	23.7	20,194	33.2	1.40	11.66	7.34
District Heat	110	5,658	51.5	10,584	96.3	1.87	10.07	16.16
District Chilled Water	53	2,521	47.7	5,074	96.0	2.01	9.37	16.12
Propane	589	5,344	9.1	6,153	10.4	1.15	15.69	9.23
Other	213	2,336	11.0	2,710	12.7	1.16	10.48	19.27
Energy End Uses (more than one may apply)								
Buildings with Space Heating	4,024	54,347	13.5	68,085	16.9	1.25	12.98	3.15
Buildings with Cooling	3,381	49,935	14.8	65,100	19.3	1.30	13.22	3.25
Buildings with Water Heating	3,486	51,560	14.8	66,466	19.1	1.29	13.06	3.24
Buildings with Cooking	828	20,713	25.0	31,611	38.2	1.53	12.61	4.81
Buildings with Manufacturing	204	3,893	19.1	4,028	19.7	1.03	13.13	13.10
Buildings with Electricity Generation	247	13,366	54.2	20,828	84.5	1.56	12.22	7.14

See footnotes at end of table.

Table 4. Expenditures for Sum of Major Fuels, 1995 (Continued)

Building Characteristics	All Buildings			Sum of Major Fuel Expenditures				RSE Row Factor
	Number of Buildings (thousand)	Floorspace (million square feet)	Floorspace per Building (thousand square feet)	Total (million dollars)	per Building (thousand dollars)	per Square Foot (dollars)	per Million Btu (dollars)	
RSE Column Factor:	1.2	0.9	0.9	1.2	1.2	0.9	0.7	
Space-Heating Energy Sources (more than one may apply)								
Electricity	1,467	22,156	15.1	28,336	19.3	1.28	14.85	5.08
Natural Gas	2,211	31,535	14.3	37,864	17.1	1.20	12.23	3.86
Fuel Oil	504	6,606	13.1	8,043	15.9	1.22	11.14	9.55
District Heat	109	5,606	51.4	10,491	96.1	1.87	10.13	11.56
Propane	301	2,025	6.7	2,451	8.1	1.21	18.99	14.67
Other	135	1,050	7.8	960	7.1	0.91	12.53	15.56
Primary Space-Heating Energy Source								
Electricity	1,007	13,500	13.4	17,325	17.2	1.28	17.23	6.14
Natural Gas	2,106	28,808	13.7	34,272	16.3	1.19	12.07	4.06
Fuel Oil	439	4,207	9.6	3,922	8.9	0.93	12.85	9.60
District Heat	107	5,289	49.3	9,987	93.1	1.89	10.22	11.90
Propane	260	1,545	5.9	1,766	6.8	1.14	24.92	18.08
Other	61	514	8.4	278	4.5	0.54	17.14	22.81
Cooling Energy Sources (more than one may apply)								
Electricity	3,293	47,761	14.5	61,379	18.6	1.29	13.54	3.21
Natural Gas	65	1,314	20.1	2,328	35.6	1.77	10.59	19.69
District Chilled Water	53	2,521	47.7	5,074	96.0	2.01	9.37	16.12
Water-Heating Energy Sources (more than one may apply)								
Electricity	1,684	23,056	13.7	26,839	15.9	1.16	16.19	4.75
Natural Gas	1,577	24,859	15.8	32,683	20.7	1.31	11.80	4.53
Fuel Oil	120	2,151	17.9	2,329	19.4	1.08	11.50	14.57
District Heat	54	3,949	73.7	7,545	140.9	1.91	9.90	13.47
Propane	110	1,020	9.2	1,584	14.4	1.55	21.11	22.48
Cooking Energy Sources (more than one may apply)								
Electricity	487	12,249	25.2	19,314	39.7	1.58	12.91	6.66
Natural Gas	448	13,195	29.4	20,182	45.0	1.53	11.88	5.82
Propane	123	1,480	12.0	2,450	19.8	1.66	19.63	17.79
Percent of Floorspace Heated								
Not Heated	554	4,425	8.0	1,833	3.3	0.41	24.70	12.57
1 to 50	555	6,227	11.2	4,024	7.2	0.65	16.26	8.93
51 to 99	633	8,868	14.0	11,724	18.5	1.32	14.57	8.08
100	2,836	39,252	13.8	52,337	18.5	1.33	12.48	3.30
Percent of Floorspace Cooled								
Not Cooled	1,198	8,837	7.4	4,818	4.0	0.55	12.08	8.47
1 to 50	930	15,027	16.2	11,919	12.8	0.79	11.42	6.90
51 to 99	635	12,549	19.8	18,400	29.0	1.47	13.53	6.27
100	1,816	22,359	12.3	34,781	19.2	1.56	13.81	4.44
Percent Lit when Open								
Zero	36	189	5.2	Q	Q	Q	Q	30.63
1 to 50	666	6,008	9.0	4,252	6.4	0.71	13.82	10.05
51 to 99	745	9,692	13.0	11,682	15.7	1.21	13.22	7.15
100	2,814	40,514	14.4	53,711	19.1	1.33	13.09	3.77
Building Not in Use/ Electricity Not Used	318	2,369	7.5	246	0.8	0.10	9.59	19.14

See footnotes at end of table.

Table 4. Expenditures for Sum of Major Fuels, 1995 (Continued)

Building Characteristics	All Buildings			Sum of Major Fuel Expenditures				RSE Row Factor
	Number of Buildings (thousand)	Floorspace (million square feet)	Floorspace per Building (thousand square feet)	Total (million dollars)	per Building (thousand dollars)	per Square Foot (dollars)	per Million Btu (dollars)	
RSE Column Factor:	1.2	0.9	0.9	1.2	1.2	0.9	0.7	
Percent Lit when Closed								
Zero	1,644	13,101	8.0	10,364	6.3	0.79	13.77	6.54
1 to 50	2,109	30,711	14.6	37,023	17.6	1.21	14.03	4.20
51 to 100	87	1,914	22.0	3,077	35.4	1.61	14.80	17.30
Never Closed	421	10,677	25.4	19,207	45.7	1.80	11.32	6.48
Building Not in Use/ Electricity Not Used	318	2,369	7.5	246	0.8	0.10	9.59	23.06
Energy Conservation Features (more than one may apply)								
Any Conservation Features	4,075	55,288	13.6	68,728	16.9	1.24	13.07	3.13
Building Shell	3,906	53,190	13.6	66,909	17.1	1.26	13.03	3.24
HVAC	2,529	44,657	17.7	59,844	23.7	1.34	12.95	3.41
Lighting	2,084	38,537	18.5	52,428	25.2	1.36	13.07	3.80

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. • HVAC = Heating, Ventilation, and Air Conditioning. • 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 5. Consumption and Gross Energy Intensity by Census Region for Sum of Major Fuels, 1995

Building Characteristics	Sum of Major Fuel Consumption (trillion Btu)				Total Floorspace of Buildings (million square feet)				Energy Intensity for Sum of Major Fuels (thousand Btu/sq. ft.)				RSE Row Factor
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West	
RSE Column Factor:	1.1	1.1	1.0	1.4	1.0	0.8	0.8	1.0	1.0	0.9	0.8	1.2	
All Buildings	1,035	1,497	1,684	1,106	11,883	14,322	20,830	11,736	87.1	104.5	80.8	94.2	7.61
Building Floorspace (square feet)													
1,001 to 5,000	125	189	251	143	995	1,772	2,428	1,144	125.9	106.7	103.4	124.9	13.15
5,001 to 10,000	82	161	185	196	1,223	1,678	2,786	1,842	66.6	96.1	66.3	106.5	21.55
10,001 to 25,000	140	233	315	136	2,118	2,701	4,481	2,317	66.0	86.2	70.3	58.8	15.98
25,001 to 50,000	123	169	189	149	1,380	1,726	2,664	1,905	89.3	98.0	70.8	78.1	11.30
50,001 to 100,000	113	199	213	173	1,371	1,920	2,980	1,697	82.7	103.5	71.6	101.9	12.57
100,001 to 200,000	134	205	254	95	1,377	1,896	2,428	1,075	97.2	108.0	104.5	88.2	17.20
200,001 to 500,000	155	179	156	147	1,389	1,520	1,679	965	111.3	117.8	92.7	152.4	15.75
Over 500,000	164	162	122	67	2,029	1,110	1,384	791	80.7	145.9	88.0	84.4	20.94
Principal Building Activity													
Education	161	173	146	134	1,930	1,997	2,315	1,498	83.4	86.8	62.9	89.3	13.07
Food Sales	Q	Q	56	32	Q	Q	287	209	Q	Q	196.4	151.3	17.06
Food Service	Q	82	133	69	166	474	443	271	Q	172.9	299.9	253.5	26.57
Health Care	113	144	193	110	408	466	916	543	278.4	308.6	211.2	202.6	18.50
Lodging	62	136	147	115	350	909	1,313	1,047	178.0	150.0	111.8	110.2	16.79
Mercantile and Service	173	322	354	123	2,838	3,203	4,864	1,822	61.0	100.7	72.9	67.4	15.91
Office	188	261	304	265	2,154	2,338	3,483	2,503	87.4	111.7	87.4	105.9	12.63
Public Assembly	75	108	118	Q	694	957	1,367	930	108.2	113.3	86.3	Q	19.85
Public Order and Safety	51	30	25	Q	548	300	308	Q	92.6	99.5	81.8	Q	32.29
Religious Worship	19	33	24	28	442	633	1,006	711	42.7	52.1	24.0	39.8	21.56
Warehouse and Storage	68	105	113	38	1,480	2,044	3,436	1,522	46.0	51.3	33.0	25.2	19.81
Other	Q	Q	57	Q	Q	402	289	Q	Q	145.7	197.8	Q	35.58
Vacant	7	Q	12	11	627	531	804	422	Q	Q	15.1	25.9	32.87
Year Constructed													
1919 or Before	79	135	32	46	1,226	1,529	514	404	64.1	88.2	62.1	114.6	26.35
1920 to 1945	129	201	111	67	1,794	2,314	1,709	893	71.9	87.0	64.8	75.3	18.32
1946 to 1959	192	267	197	171	1,944	2,268	3,192	1,894	98.7	117.6	61.6	90.3	15.40
1960 to 1969	199	265	336	224	2,344	2,356	3,856	2,302	84.8	112.5	87.1	97.4	12.11
1970 to 1979	189	266	410	260	1,658	2,435	4,344	2,895	114.0	109.4	94.4	89.7	12.95
1980 to 1989	157	265	397	241	2,128	2,324	5,371	2,429	73.6	113.9	73.9	99.3	15.34
1990 to 1992	51	53	129	63	443	545	1,094	509	116.1	97.6	118.2	123.6	23.27
1993 to 1995	40	45	72	33	347	552	750	410	115.3	81.1	96.0	80.6	26.86
Floors													
One	224	461	756	405	3,337	5,298	11,019	4,897	67.1	86.9	68.7	82.7	12.68
Two	211	315	363	233	2,738	3,537	4,788	3,059	77.0	89.0	75.8	76.2	12.40
Three	168	241	134	132	2,103	2,306	1,644	1,282	80.0	104.3	81.4	103.0	14.77
Four to Nine	284	381	302	262	2,347	2,461	2,165	1,816	121.1	154.6	139.3	144.5	14.52
Ten or More	148	100	129	73	1,359	720	1,214	682	109.0	139.3	106.3	107.3	18.50
Climate Zone: 45-Year Average													
Fewer than 2,000 CDD and --													
More than 7,000 HDD	87	357	Q	54	1,094	3,598	Q	406	79.7	99.3	Q	Q	17.65
5,500-7,000 HDD	472	835	Q	284	4,956	7,615	Q	2,026	95.3	109.6	Q	140.3	15.37
4,000-5,499 HDD	476	304	435	192	5,833	3,109	4,342	1,872	81.6	97.9	100.1	102.4	16.88
Fewer than 4,000 HDD	Q	Q	635	443	Q	Q	7,778	5,713	Q	Q	81.6	77.6	10.66
More than 2,000 CDD and --													
Fewer than 4,000 HDD	Q	Q	614	132	Q	Q	8,711	1,719	Q	Q	70.5	76.8	17.05
Workers (main shift)													
Fewer than 5	128	204	248	209	2,430	3,584	5,345	2,526	52.7	56.9	46.4	82.8	15.34
5 to 9	61	207	138	102	1,057	1,764	2,082	1,387	57.9	117.5	66.1	73.7	18.15
10 to 19	109	148	252	105	1,317	1,511	2,701	1,572	82.8	97.9	93.4	66.7	18.26
20 to 49	181	247	286	154	1,807	2,390	3,212	1,723	100.4	103.3	88.9	89.7	12.62
50 to 99	101	176	209	144	1,264	1,504	2,733	1,430	80.0	116.7	76.4	101.0	13.12
100 to 249	138	193	182	136	1,429	1,579	1,755	1,224	96.9	121.9	103.5	111.0	14.30
250 or More	316	323	369	254	2,577	1,990	3,001	1,875	122.6	162.2	123.1	135.7	14.70

See footnotes at end of table.

Table 5. Consumption and Gross Energy Intensity by Census Region for Sum of Major Fuels, 1995 (Continued)

Building Characteristics	Sum of Major Fuel Consumption (trillion Btu)				Total Floorspace of Buildings (million square feet)				Energy Intensity for Sum of Major Fuels (thousand Btu/sq. ft.)				RSE Row Factor
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West	
RSE Column Factor:	1.1	1.1	1.0	1.4	1.0	0.8	0.8	1.0	1.0	0.9	0.8	1.2	
Weekly Operating Hours													
39 or Fewer	37	56	55	32	1,119	1,601	2,311	1,103	33.0	35.1	23.8	28.7	19.76
40 to 48	135	281	286	177	2,168	3,520	4,912	2,633	62.3	79.8	58.2	67.4	14.01
49 to 60	168	246	298	226	2,482	2,378	4,786	2,596	67.5	103.3	62.2	87.2	13.36
61 to 84	158	253	241	144	2,111	2,626	3,276	2,040	74.9	96.2	73.6	70.7	12.90
85 to 167	161	199	233	238	1,411	1,633	1,804	1,353	114.3	121.6	129.1	175.8	18.06
Open Continuously	376	463	571	288	2,592	2,564	3,740	2,012	145.1	180.6	152.7	143.3	11.57
Ownership and Occupancy													
Nongovernment Owned	741	1,104	1,308	797	8,946	11,414	17,056	9,280	82.9	96.7	76.7	85.8	8.00
Owner Occupied	623	946	1,096	622	6,972	9,403	12,664	6,533	89.3	100.6	86.5	95.2	9.03
Nonowner Occupied	116	148	209	173	1,622	1,644	3,841	2,590	71.7	90.0	54.5	66.9	14.21
Unoccupied	Q	Q	Q	Q	Q	366	551	157	Q	Q	Q	Q	36.22
Government Owned	294	393	376	309	2,937	2,909	3,774	2,456	100.2	135.0	99.6	125.8	13.78
Federal	39	Q	83	68	398	406	451	Q	Q	184.2	184.8	137.9	37.40
State	107	124	107	Q	758	834	741	518	141.4	148.3	144.3	193.3	23.84
Local	148	194	185	141	1,781	1,669	2,582	1,442	83.0	116.5	71.8	97.5	17.45
Space in Building Vacant for at Least Three Consecutive Months													
Yes	215	307	378	220	3,288	3,691	5,649	3,216	65.3	83.2	66.8	68.5	12.81
No	821	1,190	1,306	885	8,595	10,632	15,181	8,520	95.5	111.9	86.0	103.9	8.62
Energy Sources (more than one may apply)													
Electricity	1,031	1,492	1,683	1,105	11,444	13,887	20,158	11,587	90.1	107.4	83.5	95.4	7.38
Natural Gas	683	1,271	1,206	771	7,108	10,905	12,291	7,841	96.1	116.5	98.1	98.3	8.37
Fuel Oil	529	390	550	262	5,423	2,681	4,175	2,142	97.5	145.6	131.8	122.5	12.37
District Heat	280	320	219	Q	1,768	1,902	1,038	949	158.5	168.1	210.6	Q	21.21
District Chilled Water	73	164	160	Q	291	778	919	533	251.6	210.3	174.4	Q	22.82
Propane	129	84	142	38	1,689	1,093	2,012	550	76.3	76.7	70.4	68.8	21.69
Other	57	64	33	Q	728	613	656	339	77.9	105.0	50.0	Q	25.50
Energy End Uses (more than one may apply)													
Buildings with Space Heating	1,031	1,490	1,657	1,069	11,180	13,511	18,900	10,756	92.3	110.3	87.7	99.4	7.82
Buildings with Cooling	918	1,370	1,647	987	9,523	12,033	18,606	9,772	96.4	113.9	88.5	101.0	7.93
Buildings with Water Heating	1,008	1,439	1,577	1,067	10,778	12,517	17,511	10,754	93.5	115.0	90.0	99.2	7.70
Buildings with Cooking	512	676	804	515	4,634	4,785	7,173	4,121	110.5	141.2	112.0	124.9	9.26
Buildings with Manufacturing	59	130	92	26	683	1,057	1,456	697	86.0	123.1	62.9	37.9	23.71
Buildings with Electricity Generation	428	442	541	294	3,877	2,738	4,360	2,391	110.4	161.3	124.1	123.1	10.90
Space-Heating Energy Sources (more than one may apply)													
Electricity	275	418	817	398	3,081	4,058	9,971	5,046	89.3	102.9	82.0	78.9	11.24
Natural Gas	457	1,093	899	647	5,043	9,826	9,805	6,861	90.6	111.2	91.7	94.2	9.22
Fuel Oil	324	170	207	Q	3,856	1,018	1,540	192	84.0	167.0	134.7	107.6	21.44
District Heat	277	320	207	232	1,765	1,902	1,006	933	157.0	168.1	205.5	Q	19.37
Propane	50	17	55	Q	540	401	959	124	93.4	43.2	57.6	48.7	30.47
Other	Q	26	10	Q	Q	242	283	160	Q	107.0	35.9	Q	28.55
Primary Space-Heating Energy Source													
Electricity	89	126	554	237	1,099	1,549	7,403	3,449	80.9	81.4	74.8	68.7	15.09
Natural Gas	419	1,023	808	589	4,696	9,293	8,728	6,091	89.3	110.1	92.5	96.7	9.65
Fuel Oil	224	Q	60	Q	3,020	Q	802	Q	74.3	Q	74.5	Q	17.26
District Heat	250	308	192	226	1,600	1,839	945	905	156.5	167.4	203.7	Q	19.85
Propane	37	8	23	Q	435	313	713	Q	85.8	24.0	31.5	Q	34.12
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Cooling Energy Sources (more than one may apply)													
Electricity	846	1,256	1,582	848	8,986	11,424	18,133	9,219	94.1	109.9	87.3	92.0	7.56
Natural Gas	72	Q	Q	44	387	354	247	326	187.2	209.4	Q	133.6	30.22
District Chilled Water	73	164	160	Q	291	778	919	533	251.6	210.3	174.4	Q	22.82

See footnotes at end of table.

Table 5. Consumption and Gross Energy Intensity by Census Region for Sum of Major Fuels, 1995 (Continued)

Building Characteristics	Sum of Major Fuel Consumption (trillion Btu)				Total Floorspace of Buildings (million square feet)				Energy Intensity for Sum of Major Fuels (thousand Btu/sq. ft.)				RSE Row Factor
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West	
RSE Column Factor:	1.1	1.1	1.0	1.4	1.0	0.8	0.8	1.0	1.0	0.9	0.8	1.2	
Water-Heating Energy Sources (more than one may apply)													
Electricity	318	392	660	287	4,689	4,516	9,757	4,094	67.9	86.9	67.6	70.0	10.90
Natural Gas	413	918	841	598	3,848	7,261	7,767	5,983	107.2	126.4	108.3	99.9	9.49
Fuel Oil	147	Q	35	Q	1,668	Q	309	Q	88.3	Q	113.9	Q	22.39
District Heat	206	211	141	203	1,260	1,271	646	772	163.6	166.3	219.0	Q	20.90
Propane	Q	Q	15	Q	325	224	279	Q	Q	77.6	54.9	49.4	31.11
Cooking Energy Sources (more than one may apply)													
Electricity	258	460	482	297	2,437	3,015	4,311	2,485	105.8	152.5	111.7	119.3	12.07
Natural Gas	330	478	544	346	2,914	3,506	4,167	2,609	113.2	136.4	130.6	132.7	11.37
Propane	56	Q	44	Q	621	Q	594	Q	89.6	Q	74.4	Q	29.58
Percent of Floorspace Heated													
Not Heated	Q	Q	27	37	703	811	1,930	981	Q	Q	13.8	37.3	25.89
1 to 50	46	57	90	55	1,018	1,171	2,379	1,658	45.0	48.3	37.7	33.4	20.13
51 to 99	204	128	292	180	2,501	1,480	2,856	2,032	81.6	86.8	102.4	88.5	16.78
100	782	1,305	1,275	834	7,661	10,860	13,666	7,066	102.0	120.1	93.3	118.0	8.13
Percent of Floorspace Cooled													
Not Cooled	117	127	36	118	2,360	2,289	2,224	1,964	49.8	55.3	16.4	60.2	18.74
1 to 50	278	375	240	151	3,784	4,414	4,311	2,517	73.4	85.0	55.7	60.0	14.97
51 to 99	337	375	418	230	3,063	3,040	4,262	2,184	109.9	123.4	98.1	105.4	11.57
100	304	620	989	606	2,677	4,578	10,033	5,071	113.4	135.4	98.6	119.5	10.24
Percent Lit when Open													
Zero	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
1 to 50	74	97	79	58	1,130	1,598	2,172	1,109	65.7	60.6	36.5	51.9	16.46
51 to 99	218	254	242	169	2,418	2,247	3,011	2,016	90.1	113.2	80.5	83.9	13.62
100	734	1,134	1,359	876	7,787	9,874	14,608	8,245	94.3	114.9	93.0	106.2	8.92
Building Not in Use/ Electricity Not Used	Q	Q	Q	Q	524	586	935	324	Q	Q	Q	Q	26.86
Percent Lit when Closed													
Zero	127	215	235	176	2,400	3,397	4,695	2,609	52.9	63.2	50.0	67.5	14.43
1 to 50	485	781	804	569	5,872	7,602	10,761	6,476	82.6	102.8	74.7	87.9	9.66
51 to 100	40	27	71	69	546	197	826	345	73.9	135.5	86.4	201.4	28.15
Never Closed	374	463	571	288	2,541	2,539	3,614	1,983	147.3	182.3	158.0	145.2	12.91
Building Not in Use/ Electricity Not Used	Q	Q	Q	Q	524	586	935	324	Q	Q	Q	Q	33.10
Energy Conservation Features (more than one may apply)													
Any Conservation Features	1,030	1,485	1,657	1,088	11,118	13,733	19,139	11,297	92.6	108.1	86.6	96.3	7.75
Building Shell	984	1,457	1,628	1,066	10,464	13,162	18,757	10,806	94.1	110.7	86.8	98.7	7.93
HVAC	951	1,322	1,394	954	9,854	10,764	14,904	9,135	96.5	122.8	93.5	104.5	8.06
Lighting	851	1,149	1,209	803	8,920	9,495	12,087	8,036	95.4	121.0	100.1	99.9	7.53

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. • HVAC = Heating, Ventilation, and Air Conditioning. • 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 6. Expenditures by Census Region for Sum of Major Fuels, 1995

Building Characteristics	Sum of Major Fuel Expenditures (million dollars)				Sum of Major Fuel Expenditures (dollars) per Million Btu				Sum of Major Fuel Expenditures (dollars) per Square Foot				RSE Row Factor
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West	
RSE Column Factor:	1.4	1.3	1.1	1.6	0.9	0.7	0.6	0.8	1.0	0.9	0.8	1.3	
All Buildings	16,479	15,076	22,211	16,152	15.92	10.07	13.19	14.61	1.39	1.05	1.07	1.38	6.09
Building Floorspace (square feet)													
1,001 to 5,000	2,574	2,339	4,004	2,660	20.55	12.38	15.95	18.62	2.59	1.32	1.65	2.33	10.49
5,001 to 10,000	1,489	1,422	2,487	2,664	18.27	8.82	13.47	Q	1.22	0.85	0.89	1.45	16.32
10,001 to 25,000	2,297	2,570	3,954	2,278	16.43	11.03	12.55	16.71	1.08	0.95	0.88	0.98	13.73
25,001 to 50,000	1,934	1,770	2,568	2,404	15.70	10.46	13.62	16.16	1.40	1.03	0.96	1.26	9.60
50,001 to 100,000	1,751	2,096	2,820	2,158	15.44	10.54	13.22	12.49	1.28	1.09	0.95	1.27	10.31
100,001 to 200,000	1,889	1,777	2,922	1,270	14.12	8.68	11.52	13.40	1.37	0.94	1.20	1.18	13.43
200,001 to 500,000	1,936	1,543	2,061	1,751	12.53	8.61	13.23	11.91	1.39	1.02	1.23	1.81	14.03
Over 500,000	2,609	1,559	1,395	966	15.92	9.63	11.46	14.48	1.29	1.41	1.01	1.22	19.16
Principal Building Activity													
Education	2,106	1,503	1,845	1,675	13.09	8.67	12.66	12.52	1.09	0.75	0.80	1.12	11.01
Food Sales	Q	Q	967	733	Q	Q	17.17	23.23	Q	Q	3.37	3.52	13.03
Food Service	Q	990	1,682	1,031	Q	12.08	12.67	14.98	Q	2.09	3.80	3.80	22.74
Health Care	1,061	1,010	1,916	1,274	9.35	7.03	9.90	11.57	2.60	2.17	2.09	2.34	13.72
Lodging	821	1,202	1,652	1,440	13.18	8.82	11.25	12.48	2.35	1.32	1.26	1.38	15.38
Mercantile and Service	3,206	3,458	4,847	2,513	18.52	10.72	13.68	20.45	1.13	1.08	1.00	1.38	12.73
Office	3,691	3,202	4,676	4,279	19.61	12.26	15.37	16.15	1.71	1.37	1.34	1.71	9.25
Public Assembly	1,084	1,068	1,625	1,211	14.43	9.85	13.78	Q	1.56	1.12	1.19	1.30	20.30
Public Order and Safety	670	272	298	Q	13.21	9.12	11.85	Q	1.22	0.91	0.97	Q	26.12
Religious Worship	303	268	387	379	16.07	8.11	16.03	13.40	0.69	0.42	0.39	0.53	17.64
Warehouse and Storage	1,289	1,054	1,492	874	18.93	10.06	13.17	22.79	0.87	0.52	0.43	0.57	15.15
Other	Q	575	620	Q	Q	9.81	10.84	Q	Q	1.43	2.14	Q	27.99
Vacant	87	Q	203	168	12.80	Q	16.77	15.39	Q	0.34	0.25	0.40	33.15
Year Constructed													
1919 or Before	1,090	1,351	454	415	13.87	10.02	14.22	8.97	0.89	0.88	0.88	1.03	20.38
1920 to 1945	1,620	1,932	1,351	762	12.56	9.60	12.19	11.34	0.90	0.83	0.79	0.85	16.63
1946 to 1959	2,928	2,279	2,482	2,124	15.25	8.54	12.63	12.42	1.51	1.00	0.78	1.12	13.32
1960 to 1969	3,157	2,388	4,002	3,588	15.88	9.01	11.91	16.00	1.35	1.01	1.04	1.56	10.70
1970 to 1979	2,870	2,775	5,300	4,421	15.18	10.41	12.93	17.03	1.73	1.14	1.22	1.53	9.84
1980 to 1989	3,339	3,214	5,949	3,393	21.32	12.15	14.99	14.07	1.57	1.38	1.11	1.40	12.50
1990 to 1992	721	679	1,695	916	14.04	12.78	13.10	14.55	1.63	1.25	1.55	1.80	19.62
1993 to 1995	753	458	978	533	18.83	10.23	13.58	16.13	2.17	0.83	1.30	1.30	21.63
Floors													
One	4,423	5,116	10,933	6,627	19.76	11.11	14.45	16.37	1.33	0.97	0.99	1.35	10.04
Two	3,665	3,312	4,560	3,873	17.38	10.52	12.57	16.61	1.34	0.94	0.95	1.27	9.65
Three	2,524	2,232	1,678	1,593	15.00	9.28	12.54	12.06	1.20	0.97	1.02	1.24	13.22
Four to Nine	3,499	3,378	3,292	3,076	12.31	8.87	10.92	11.72	1.49	1.37	1.52	1.69	12.42
Ten or More	2,367	1,038	1,749	984	15.98	10.35	13.55	13.44	1.74	1.44	1.44	1.44	15.16
Climate Zone: 45-Year Average													
Fewer than 2,000 CDD and --													
More than 7,000 HDD	1,431	3,147	Q	396	16.42	8.81	Q	7.31	1.31	0.87	Q	Q	11.91
5,500-7,000 HDD	7,234	8,418	Q	2,170	15.32	10.08	Q	7.63	1.46	1.11	Q	1.07	10.46
4,000-5,499 HDD	7,814	3,510	5,272	2,187	16.42	11.53	12.13	11.40	1.34	1.13	1.21	1.17	11.67
Fewer than 4,000 HDD	Q	Q	8,061	8,762	Q	Q	12.70	19.76	Q	Q	1.04	1.53	7.65
More than 2,000 CDD and --													
Fewer than 4,000 HDD	Q	Q	8,879	2,637	Q	Q	14.45	19.98	Q	Q	1.02	1.53	12.00
Workers (main shift)													
Fewer than 5	2,291	2,327	3,733	2,608	17.89	11.41	15.04	12.46	0.94	0.65	0.70	1.03	14.03
5 to 9	1,100	1,901	2,099	1,839	17.96	9.17	15.25	17.99	1.04	1.08	1.01	1.33	14.89
10 to 19	1,914	1,575	3,089	1,831	17.56	10.65	12.25	17.45	1.45	1.04	1.14	1.16	16.03
20 to 49	2,913	2,541	3,756	2,571	16.05	10.29	13.15	16.64	1.61	1.06	1.17	1.49	10.92
50 to 99	1,605	1,741	2,855	1,938	15.87	9.92	13.67	13.42	1.27	1.16	1.04	1.36	12.09
100 to 249	2,112	1,850	2,174	1,970	15.25	9.61	11.96	14.50	1.48	1.17	1.24	1.61	11.33
250 or More	4,543	3,141	4,504	3,395	14.38	9.74	12.19	13.34	1.76	1.58	1.50	1.81	12.09

See footnotes at end of table.

Table 6. Expenditures by Census Region for Sum of Major Fuels, 1995 (Continued)

Building Characteristics	Sum of Major Fuel Expenditures (million dollars)				Sum of Major Fuel Expenditures (dollars) per Million Btu				Sum of Major Fuel Expenditures (dollars) per Square Foot				RSE Row Factor
	Northeast	Midwest	South	West	Northeast	Midwest	South	West	Northeast	Midwest	South	West	
RSE Column Factor:	1.4	1.3	1.1	1.6	0.9	0.7	0.6	0.8	1.0	0.9	0.8	1.3	
Weekly Operating Hours													
39 or Fewer	547	538	822	493	14.81	9.59	14.92	15.56	0.49	0.34	0.36	0.45	17.38
40 to 48	2,292	2,683	4,028	2,828	16.96	9.56	14.10	15.94	1.06	0.76	0.82	1.07	11.19
49 to 60	2,868	2,418	4,153	3,727	17.11	9.85	13.95	16.48	1.16	1.02	0.87	1.44	11.03
61 to 84	2,600	2,797	3,700	2,601	16.44	11.07	15.34	18.04	1.23	1.07	1.13	1.28	10.52
85 to 167	2,984	2,385	3,316	2,908	18.49	12.00	14.24	12.22	2.11	1.46	1.84	2.15	16.90
Open Continuously	5,188	4,254	6,193	3,595	13.79	9.19	10.84	12.47	2.00	1.66	1.66	1.79	10.77
Ownership and Occupancy													
Nongovernment Owned	12,495	11,686	17,905	12,396	16.86	10.59	13.69	15.56	1.40	1.02	1.05	1.34	6.30
Owner Occupied	10,177	9,842	14,486	8,617	16.34	10.40	13.22	13.85	1.46	1.05	1.14	1.32	7.18
Nonowner Occupied	2,286	1,754	3,353	3,739	19.66	11.85	16.01	21.57	1.41	1.07	0.87	1.44	10.31
Unoccupied	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Government Owned	3,984	3,389	4,306	3,755	13.54	8.63	11.46	12.15	1.36	1.17	1.14	1.53	12.75
Federal	Q	Q	880	801	Q	10.16	10.54	11.69	1.47	1.87	1.95	Q	28.98
State	1,293	1,090	1,064	1,352	12.07	8.81	9.95	13.51	1.71	1.31	1.44	2.61	23.34
Local	2,104	1,540	2,362	1,603	14.24	7.92	12.74	11.41	1.18	0.92	0.91	1.11	13.52
Space in Building Vacant for at Least Three Consecutive Months													
Yes	3,586	3,109	4,999	3,499	16.71	10.12	13.24	15.89	1.09	0.84	0.88	1.09	10.52
No	12,893	11,967	17,212	12,653	15.71	10.06	13.18	14.29	1.50	1.13	1.13	1.49	6.94
Energy Sources (more than one may apply)													
Electricity	16,455	15,060	22,210	16,151	15.96	10.10	13.19	14.61	1.44	1.08	1.10	1.39	5.64
Natural Gas	10,166	12,267	14,349	11,229	14.89	9.65	11.89	14.57	1.43	1.12	1.17	1.43	6.77
Fuel Oil	7,006	3,547	6,281	3,360	13.24	9.09	11.41	12.81	1.29	1.32	1.50	1.57	8.91
District Heat	3,695	2,912	2,055	1,922	13.19	9.10	9.40	8.25	2.09	1.53	1.98	Q	23.13
District Chilled Water	755	1,436	1,714	1,169	10.32	8.78	10.69	Q	2.60	1.85	1.86	2.20	24.21
Propane	2,560	1,050	1,875	668	19.87	12.54	13.24	17.65	1.52	0.96	0.93	1.21	16.13
Other	844	666	453	Q	14.88	10.34	13.84	Q	1.16	1.09	0.69	Q	22.24
Energy End Uses (more than one may apply)													
Buildings with Space Heating	16,354	14,975	21,721	15,035	15.85	10.05	13.11	14.06	1.46	1.11	1.15	1.40	6.17
Buildings with Cooling	14,913	13,894	21,751	14,543	16.25	10.14	13.20	14.73	1.57	1.15	1.17	1.49	6.44
Buildings with Water Heating	16,033	14,450	20,598	15,385	15.91	10.04	13.06	14.42	1.49	1.15	1.18	1.43	6.20
Buildings with Cooking	7,787	6,553	10,417	6,854	15.21	9.70	12.96	13.32	1.68	1.37	1.45	1.66	8.14
Buildings with Manufacturing	924	1,365	1,279	461	15.74	10.48	13.96	17.44	1.35	1.29	0.88	0.66	19.61
Buildings with Electricity Generation	6,178	4,153	6,453	4,045	14.43	9.40	11.93	13.74	1.59	1.52	1.48	1.69	9.55
Space-Heating Energy Sources (more than one may apply)													
Electricity	5,195	4,746	11,733	6,662	18.89	11.36	14.35	16.74	1.69	1.17	1.18	1.32	7.99
Natural Gas	7,162	10,471	10,832	9,400	15.68	9.58	12.04	14.54	1.42	1.07	1.10	1.37	7.52
Fuel Oil	4,239	1,312	2,290	202	13.09	7.72	11.04	9.80	1.10	1.29	1.49	1.05	16.27
District Heat	3,683	2,912	1,984	1,912	13.30	9.10	9.59	8.22	2.09	1.53	1.97	2.05	18.47
Propane	1,323	265	749	Q	26.21	15.30	13.55	18.97	2.45	0.66	0.78	0.92	19.54
Other	Q	278	170	Q	Q	10.75	16.76	Q	Q	1.15	0.60	Q	25.53
Primary Space-Heating Energy Source													
Electricity	1,968	1,904	8,841	4,612	22.13	15.10	15.97	19.47	1.79	1.23	1.19	1.34	10.89
Natural Gas	6,632	9,792	9,511	8,336	15.82	9.57	11.78	14.16	1.41	1.05	1.09	1.37	7.88
Fuel Oil	2,995	Q	734	Q	13.35	Q	12.28	Q	0.99	Q	0.91	Q	14.53
District Heat	3,365	2,842	1,932	1,848	13.44	9.23	10.03	8.17	2.10	1.55	2.04	2.04	18.74
Propane	1,111	150	438	Q	29.78	19.97	19.48	Q	2.55	0.48	0.61	Q	18.54
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99

See footnotes at end of table.

Table 6. Expenditures by Census Region for Sum of Major Fuels, 1995 (Continued)

Building Characteristics	Sum of Major Fuel Expenditures (million dollars)				Sum of Major Fuel Expenditures (dollars) per Million Btu				Sum of Major Fuel Expenditures (dollars) per Square Foot				RSE Row Factor
	Northeast	Midwest	South	West	Northeast	Midwest	South	West	Northeast	Midwest	South	West	
RSE Column Factor:	1.4	1.3	1.1	1.6	0.9	0.7	0.6	0.8	1.0	0.9	0.8	1.3	
Cooling Energy Sources (more than one may apply)													
Electricity	14,084	12,840	21,083	13,373	16.65	10.23	13.32	15.77	1.57	1.12	1.16	1.45	6.07
Natural Gas	734	Q	Q	594	10.15	9.14	Q	13.63	1.90	1.91	Q	1.82	25.21
District Chilled Water	755	1,436	1,714	1,169	10.32	8.78	10.69	Q	2.60	1.85	1.86	2.20	24.21
Water-Heating Energy Sources (more than one may apply)													
Electricity	6,138	4,831	10,229	5,641	19.28	12.31	15.50	19.68	1.31	1.07	1.05	1.38	7.95
Natural Gas	6,027	8,575	9,686	8,395	14.61	9.34	11.52	14.04	1.57	1.18	1.25	1.40	7.83
Fuel Oil	1,760	Q	394	Q	11.95	Q	11.21	Q	1.06	Q	1.28	Q	16.24
District Heat	2,708	1,883	1,344	1,609	13.14	8.91	9.50	7.93	2.15	1.48	2.08	2.08	21.59
Propane	Q	Q	263	233	Q	17.44	17.20	24.66	Q	1.35	0.94	1.22	24.61
Cooking Energy Sources (more than one may apply)													
Electricity	4,158	4,546	6,497	4,113	16.12	9.89	13.49	13.87	1.71	1.51	1.51	1.66	10.97
Natural Gas	4,876	4,480	6,401	4,424	14.78	9.37	11.76	12.78	1.67	1.28	1.54	1.70	8.94
Propane	1,266	Q	695	Q	22.76	Q	15.73	Q	2.04	Q	1.17	Q	21.93
Percent of Floorspace Heated													
Not Heated	Q	100	490	1,117	Q	Q	18.47	30.50	Q	0.12	0.25	1.14	22.82
1 to 50	849	584	1,421	1,170	18.53	10.32	15.84	21.14	0.83	0.50	0.60	0.71	14.88
51 to 99	3,656	1,356	3,812	2,900	17.91	10.56	13.04	16.13	1.46	0.92	1.33	1.43	12.27
100	11,849	13,035	16,488	10,965	15.16	9.99	12.93	13.15	1.55	1.20	1.21	1.55	6.66
Percent of Floorspace Cooled													
Not Cooled	1,566	1,182	461	1,609	13.33	9.33	12.64	13.61	0.66	0.52	0.21	0.82	15.45
1 to 50	3,981	3,166	2,746	2,026	14.34	8.44	11.45	13.42	1.05	0.72	0.64	0.80	12.26
51 to 99	5,310	3,918	5,772	3,401	15.77	10.44	13.81	14.77	1.73	1.29	1.35	1.56	9.10
100	5,623	6,810	13,233	9,116	18.52	10.99	13.37	15.04	2.10	1.49	1.32	1.80	8.61
Percent Lit when Open													
Zero	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
1 to 50	1,222	970	1,079	982	16.46	10.03	13.62	17.04	1.08	0.61	0.50	0.89	17.51
51 to 99	3,157	2,483	3,443	2,599	14.49	9.76	14.21	15.37	1.31	1.10	1.14	1.29	11.75
100	11,986	11,563	17,624	12,538	16.33	10.19	12.97	14.31	1.54	1.17	1.21	1.52	7.19
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	2,133	2,166	3,392	2,672	16.81	10.09	14.45	15.17	0.89	0.64	0.72	1.02	12.14
1 to 50	8,329	8,327	11,526	8,841	17.18	10.66	14.34	15.53	1.42	1.10	1.07	1.37	8.03
51 to 100	733	271	1,049	1,023	18.17	10.15	14.71	14.73	1.34	1.38	1.27	2.97	24.43
Never Closed	5,176	4,254	6,193	3,584	13.83	9.19	10.84	12.45	2.04	1.68	1.71	1.81	10.19
Building Not in Use/ Electricity Not Used	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Energy Conservation Features (more than one may apply)													
Any Conservation Features	16,354	14,926	21,770	15,677	15.88	10.05	13.14	14.41	1.47	1.09	1.14	1.39	6.17
Building Shell	15,686	14,617	21,345	15,261	15.94	10.03	13.11	14.31	1.50	1.11	1.14	1.41	6.26
HVAC	15,083	13,221	18,099	13,441	15.86	10.00	12.99	14.09	1.53	1.23	1.21	1.47	6.44
Lighting	13,784	11,424	15,221	11,999	16.20	9.95	12.59	14.94	1.55	1.20	1.26	1.49	6.20

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. • HVAC = Heating, Ventilation, and Air Conditioning. • 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 7. Consumption and Gross Energy Intensity by Building Size for Sum of Major Fuels, 1995

Building Characteristics	Sum of Major Fuel Consumption (trillion Btu)			Total Floorspace of Buildings (million square feet)			Energy Intensity for Sum of Major Fuels (thousand Btu/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	
RSE Column Factor:	1.4	1.0	1.2	1.0	0.8	0.8	1.2	0.8	1.0	
All Buildings	1,332	2,152	1,838	13,869	27,261	17,643	96.0	78.9	104.2	5.80
Principal Building Activity										
Education	71	352	191	654	4,623	2,464	108.1	76.1	77.7	11.73
Food Sales	78	59	Q	367	269	Q	212.6	217.2	Q	17.95
Food Service	265	66	Q	940	406	Q	281.5	161.9	Q	21.21
Health Care	36	82	443	294	556	1,483	122.4	148.2	298.3	16.60
Lodging	53	236	172	419	1,873	1,327	125.5	126.2	129.5	16.29
Mercantile and Service	363	396	214	4,043	5,393	3,292	89.7	73.4	65.1	14.78
Office	172	401	445	1,999	4,416	4,063	86.3	90.8	109.6	9.87
Public Assembly	Q	193	115	1,098	1,924	925	Q	100.0	124.0	16.99
Public Order and Safety	22	63	Q	233	755	283	92.8	83.3	Q	30.58
Religious Worship	41	62	Q	964	1,797	Q	42.3	34.8	Q	16.57
Warehouse and Storage	65	136	123	1,798	3,842	2,842	36.2	35.4	43.4	16.79
Other	Q	84	79	Q	531	308	Q	157.4	256.0	30.87
Vacant	Q	23	Q	896	876	611	Q	26.5	Q	34.34
Year Constructed										
1919 or Before	100	105	Q	1,198	1,750	724	83.2	60.0	120.0	18.55
1920 to 1945	142	209	157	1,836	2,586	2,288	77.2	80.8	68.8	13.78
1946 to 1959	263	352	212	2,890	4,495	1,914	91.0	78.3	110.6	13.47
1960 to 1969	198	447	380	2,021	5,265	3,572	97.8	84.8	106.3	10.80
1970 to 1979	218	402	505	2,432	4,861	4,040	89.5	82.8	125.0	11.31
1980 to 1989	273	448	339	2,189	6,326	3,737	124.6	70.8	90.6	12.07
1990 to 1992	101	91	105	684	1,038	868	147.6	87.8	120.6	18.23
1993 to 1995	39	98	53	620	940	499	62.1	104.2	107.1	22.33
Floors										
One	936	730	180	9,237	11,215	4,099	101.3	65.1	43.9	9.58
Two	263	665	193	3,244	8,009	2,869	81.2	83.1	67.3	10.35
Three	109	360	206	1,100	4,402	1,833	98.8	81.9	112.1	12.49
Four to Nine	23	378	828	284	3,488	5,017	82.8	108.2	165.0	14.56
Ten or More	Q	Q	431	Q	148	3,824	Q	Q	112.8	13.54
Census Region and Division										
Northeast	207	376	452	2,218	4,869	4,796	93.2	77.3	94.3	11.47
New England	48	119	108	566	1,550	1,024	84.0	76.7	105.0	16.86
Middle Atlantic	159	257	345	1,652	3,319	3,771	96.4	77.6	91.4	13.72
Midwest	350	601	546	3,450	6,347	4,525	101.5	94.7	120.6	10.47
East North Central	215	413	359	2,249	4,121	3,285	95.5	100.2	109.2	10.49
West North Central	135	188	187	1,201	2,227	1,241	112.7	84.4	150.7	21.47
South	436	717	531	5,214	10,126	5,491	83.6	70.8	96.7	9.03
South Atlantic	183	294	295	2,124	4,398	2,954	86.4	66.9	99.8	13.17
East South Central	119	211	87	1,348	2,667	902	88.2	79.2	96.4	17.78
West South Central	133	211	150	1,742	3,061	1,635	76.6	69.0	91.4	12.83
West	339	458	309	2,987	5,919	2,831	113.6	77.4	109.0	14.89
Mountain	Q	198	91	924	2,145	786	Q	92.4	115.9	18.80
Pacific	200	260	217	2,063	3,774	2,044	96.7	68.8	106.3	14.89
Climate Zone: 45-Year Average										
Fewer than 2,000 CDD and --										
More than 7,000 HDD	125	217	157	1,525	2,526	1,047	81.8	86.1	149.6	16.06
5,500-7,000 HDD	400	628	564	2,858	6,571	5,168	139.8	95.5	109.1	11.42
4,000-5,499 HDD	308	519	580	3,490	5,999	5,667	88.4	86.5	102.3	13.85
Fewer than 4,000 HDD	290	467	320	3,080	7,121	3,289	94.2	65.6	97.3	12.65
More than 2,000 CDD and --										
Fewer than 4,000 HDD	209	320	217	2,916	5,043	2,472	71.6	63.5	87.8	13.93

See footnotes at end of table.

Table 7. Consumption and Gross Energy Intensity by Building Size for Sum of Major Fuels, 1995 (Continued)

Building Characteristics	Sum of Major Fuel Consumption (trillion Btu)			Total Floorspace of Buildings (million square feet)			Energy Intensity for Sum of Major Fuels (thousand Btu/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	
RSE Column Factor:	1.4	1.0	1.2	1.0	0.8	0.8	1.2	0.8	1.0	
Workers (main shift)										
Fewer than 5	585	193	Q	7,820	5,094	971	74.8	37.9	Q	13.87
5 to 9	304	194	Q	2,810	3,187	294	108.1	60.8	Q	15.40
10 to 19	265	319	30	2,332	4,055	715	113.6	78.8	41.5	16.48
20 to 49	157	628	84	841	7,220	1,071	186.3	86.9	78.6	14.33
50 to 99	Q	401	209	Q	4,320	2,562	Q	92.8	81.8	11.24
100 to 249	Q	315	332	Q	2,540	3,432	Q	123.8	96.7	11.27
250 or More	Q	103	1,160	Q	846	8,598	Q	121.4	134.9	13.33
Weekly Operating Hours										
39 or Fewer	102	68	Q	3,163	2,356	615	32.2	28.9	Q	16.84
40 to 48	308	424	147	3,734	7,139	2,360	82.5	59.4	62.3	13.39
49 to 60	223	440	274	2,972	6,562	2,709	75.0	67.1	101.2	12.04
61 to 84	190	344	262	1,673	4,409	3,970	113.4	78.1	66.0	10.37
85 to 167	332	287	211	1,121	2,761	2,320	296.2	104.1	91.1	14.83
Open Continuously	177	588	933	1,206	4,034	5,669	147.0	145.8	164.6	10.46
Ownership and Occupancy										
Nongovernment Owned	1,137	1,591	1,221	12,315	21,480	12,901	92.4	74.1	94.7	6.27
Owner Occupied	930	1,284	1,073	9,770	15,773	10,030	95.2	81.4	107.0	7.03
Nonowner Occupied	200	302	144	1,976	5,278	2,443	101.4	57.3	59.1	12.22
Unoccupied	Q	Q	Q	569	429	Q	Q	Q	Q	31.89
Government Owned	194	561	616	1,553	5,781	4,742	125.1	97.1	130.0	12.76
Federal	Q	71	173	257	490	1,005	Q	145.5	172.4	32.20
State	36	177	226	239	1,164	1,447	149.2	151.8	155.8	19.96
Local	137	313	217	1,057	4,126	2,290	129.9	75.9	95.0	15.84
Space in Building Vacant for at Least Three Consecutive Months										
Yes	99	434	587	2,166	6,321	7,357	45.7	68.6	79.8	12.21
No	1,233	1,718	1,251	11,703	20,940	10,285	105.3	82.0	121.6	6.68
Energy Sources (more than one may apply)										
Electricity	1,330	2,149	1,833	13,014	26,840	17,222	102.2	80.1	106.4	5.68
Natural Gas	885	1,644	1,402	7,440	18,410	12,296	118.9	89.3	114.0	6.72
Fuel Oil	136	512	1,084	1,625	4,557	8,239	83.7	112.3	131.6	10.11
District Heat	Q	294	627	Q	1,766	3,680	Q	166.6	170.4	14.82
District Chilled Water	Q	120	338	Q	862	1,576	Q	139.1	214.7	18.83
Propane	144	170	79	1,878	2,541	925	76.5	66.9	84.9	16.53
Other	Q	81	66	692	1,055	588	Q	76.5	112.2	24.07
Energy End Uses (more than one may apply)										
Buildings with Space Heating	1,299	2,128	1,820	12,052	25,563	16,732	107.8	83.3	108.8	5.87
Buildings with Cooling	1,137	1,989	1,796	9,908	23,649	16,378	114.8	84.1	109.7	6.13
Buildings with Water Heating	1,177	2,099	1,814	10,269	24,724	16,567	114.6	84.9	109.5	5.97
Buildings with Cooking	414	795	1,297	2,241	8,104	10,368	184.7	98.2	125.1	7.71
Buildings with Manufacturing	32	146	128	564	2,006	1,323	57.6	72.8	97.0	22.07
Buildings with Electricity Generation	77	506	1,121	483	4,056	8,826	159.9	124.8	127.0	10.90
Space-Heating Energy Sources (more than one may apply)										
Electricity	412	793	703	4,269	10,618	7,269	96.6	74.7	96.7	8.63
Natural Gas	757	1,362	975	6,758	15,563	9,214	112.1	87.5	105.9	6.98
Fuel Oil	113	246	363	1,481	2,478	2,647	76.2	99.3	137.2	16.57
District Heat	Q	294	612	212	1,750	3,645	Q	167.9	167.9	15.22
Propane	72	41	Q	953	919	Q	75.9	45.1	Q	24.16
Other	19	29	Q	478	376	Q	40.7	76.7	Q	23.61

See footnotes at end of table.

Table 7. Consumption and Gross Energy Intensity by Building Size for Sum of Major Fuels, 1995 (Continued)

Building Characteristics	Sum of Major Fuel Consumption (trillion Btu)			Total Floorspace of Buildings (million square feet)			Energy Intensity for Sum of Major Fuels (thousand Btu/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	
RSE Column Factor:	1.4	1.0	1.2	1.0	0.8	0.8	1.2	0.8	1.0	
Primary Space-Heating Energy Source										
Electricity	275	420	310	2,841	6,724	3,935	96.9	62.5	78.7	11.15
Natural Gas	739	1,241	859	6,583	14,121	8,103	112.2	87.9	106.0	7.45
Fuel Oil	98	137	70	1,297	1,948	963	75.9	70.4	72.4	16.16
District Heat	Q	291	556	212	1,702	3,376	Q	170.7	164.8	15.51
Propane	45	22	Q	799	706	Q	56.9	31.4	Q	29.46
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Cooling Energy Sources (more than one may apply)										
Electricity	1,034	1,873	1,625	9,707	22,699	15,355	106.5	82.5	105.8	5.77
Natural Gas	24	52	144	162	564	588	Q	93.0	244.2	29.68
District Chilled Water	Q	120	338	Q	862	1,576	Q	139.1	214.7	18.83
Water-Heating Energy Sources (more than one may apply)										
Electricity	425	676	556	4,991	10,744	7,322	85.2	63.0	75.9	8.85
Natural Gas	633	1,217	919	4,648	12,638	7,574	136.2	96.3	121.4	7.96
Fuel Oil	35	74	93	329	973	848	106.5	76.4	109.9	22.43
District Heat	Q	216	466	Q	1,220	2,691	Q	177.4	173.2	14.82
Propane	29	39	Q	308	561	Q	93.8	70.4	Q	31.69
Cooking Energy Sources (more than one may apply)										
Electricity	248	415	833	1,327	4,224	6,698	187.1	98.1	124.4	10.56
Natural Gas	281	525	892	1,257	4,817	7,121	223.8	109.0	125.3	9.61
Propane	43	59	23	299	796	385	142.6	74.7	59.1	28.83
Percent of Floorspace Heated										
Not Heated	33	23	18	1,817	1,698	910	18.0	13.8	19.7	30.06
1 to 50	98	89	60	1,835	2,828	1,564	53.5	31.6	38.3	15.68
51 to 99	195	316	294	1,972	3,847	3,049	98.7	82.2	96.4	15.09
100	1,006	1,723	1,466	8,245	18,888	12,120	122.0	91.2	121.0	6.04
Percent of Floorspace Cooled										
Not Cooled	195	162	42	3,961	3,612	1,265	49.2	45.0	32.9	16.59
1 to 50	239	538	267	2,949	7,810	4,268	80.9	68.9	62.5	12.35
51 to 99	200	458	703	1,720	5,039	5,789	116.0	90.8	121.4	9.34
100	699	994	826	5,239	10,800	6,320	133.4	92.0	130.7	8.56
Percent Lit when Open										
Zero	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
1 to 50	139	146	23	2,053	3,207	749	67.6	45.5	31.1	14.77
51 to 99	201	326	358	2,110	4,662	2,919	95.0	69.8	122.5	10.99
100	984	1,669	1,451	8,488	18,590	13,436	115.9	89.8	108.0	7.00
Building Not in Use/ Electricity Not Used	Q	11	Q	1,143	699	526	Q	Q	Q	34.28
Percent Lit when Closed										
Zero	323	345	85	5,087	6,706	1,308	63.4	51.4	64.9	13.80
1 to 50	786	1,146	707	6,335	15,230	9,147	124.1	75.3	77.3	7.25
51 to 100	37	63	107	282	625	1,007	132.9	101.3	106.4	25.01
Never Closed	177	586	933	1,021	4,001	5,654	173.6	146.5	164.9	11.70
Building Not in Use/ Electricity Not Used	Q	Q	Q	1,143	699	Q	Q	Q	Q	29.30

See footnotes at end of table.

Table 7. Consumption and Gross Energy Intensity by Building Size for Sum of Major Fuels, 1995 (Continued)

Building Characteristics	Sum of Major Fuel Consumption (trillion Btu)			Total Floorspace of Buildings (million square feet)			Energy Intensity for Sum of Major Fuels (thousand Btu/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	
RSE Column Factor:	**1.4**	**1.0**	**1.2**	**1.0**	**0.8**	**0.8**	**1.2**	**0.8**	**1.0**	
Energy Conservation Features (more than one may apply)										
Any Conservation Features	1,286	2,138	1,836	12,223	26,087	16,979	105.2	82.0	108.1	5.85
Building Shell	1,253	2,072	1,809	11,691	25,041	16,458	107.2	82.8	109.9	5.97
HVAC	962	1,874	1,784	7,270	21,466	15,921	132.4	87.3	112.1	6.32
Lighting	724	1,584	1,705	6,036	17,367	15,133	119.9	91.2	112.7	6.57

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. • HVAC = Heating, Ventilation, and Air Conditioning. • 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 8. Consumption and Gross Energy Intensity by Year Constructed for Sum of Major Fuels, 1995

Building Characteristics	Sum of Major Fuel Consumption (trillion Btu)			Total Floorspace of Buildings (million square feet)			Energy Intensity for Sum of Major Fuels (thousand Btu/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	
RSE Column Factor:	1.1	0.8	1.8	0.8	0.6	1.2	0.9	0.7	1.5	
All Buildings	1,626	3,208	487	19,680	34,443	4,649	82.6	93.2	104.7	6.88
Building Floorspace (square feet)										
1,001 to 5,000	270	347	91	2,477	3,221	640	109.2	107.8	141.4	13.78
5,001 to 10,000	234	341	Q	3,446	3,420	664	67.9	99.6	73.7	22.68
10,001 to 25,000	296	494	34	4,140	7,043	434	71.6	70.1	77.9	14.93
25,001 to 50,000	167	393	70	2,262	4,687	726	74.0	83.8	95.9	10.20
50,001 to 100,000	202	410	86	2,429	4,722	817	83.3	86.9	104.7	12.59
100,001 to 200,000	171	450	66	1,934	4,200	642	88.4	107.2	102.4	15.53
200,001 to 500,000	154	435	48	1,683	3,522	348	91.5	123.4	137.0	15.15
Over 500,000	131	339	45	1,309	3,628	377	100.0	93.3	118.7	19.85
Principal Building Activity										
Education	276	301	36	3,522	3,687	531	78.3	81.8	68.7	11.80
Food Sales	29	75	Q	145	379	Q	202.4	197.0	Q	27.05
Food Service	93	184	Q	460	782	Q	201.6	235.7	Q	25.24
Health Care	109	407	45	508	1,600	224	215.1	254.1	199.7	19.84
Lodging	124	308	28	986	2,377	255	126.2	129.6	110.4	16.34
Mercantile and Service	319	563	91	3,829	7,818	1,081	83.3	72.0	84.5	15.40
Office	287	665	66	3,015	6,678	785	95.3	99.6	84.5	11.06
Public Assembly	142	251	56	1,584	1,956	408	89.5	128.2	138.2	22.27
Public Order and Safety	50	60	Q	417	753	Q	119.5	79.3	Q	33.50
Religious Worship	43	56	Q	991	1,643	Q	43.8	34.2	Q	19.22
Warehouse and Storage	73	211	Q	2,504	5,250	727	29.0	40.3	55.8	18.80
Other	Q	108	Q	296	600	Q	Q	180.3	Q	35.79
Vacant	31	19	Q	1,423	919	Q	21.8	20.9	Q	33.69
Floors										
One	446	1,171	229	6,437	15,913	2,201	69.3	73.6	104.2	11.95
Two	367	658	96	4,860	8,094	1,168	75.5	81.3	82.4	11.19
Three	310	328	36	3,830	3,157	348	81.1	103.9	103.9	13.63
Four to Nine	385	754	90	3,460	4,643	686	111.2	162.3	131.4	12.60
Ten or More	118	298	35	1,094	2,636	245	107.9	113.0	142.0	17.23
Census Region and Division										
Northeast	399	544	91	4,963	6,130	789	80.5	88.8	115.7	13.96
New England	94	162	Q	1,123	1,813	205	83.7	89.4	Q	23.24
Middle Atlantic	305	382	73	3,841	4,317	585	79.5	88.6	125.7	17.32
Midwest	603	796	98	6,111	7,115	1,096	98.7	111.9	89.3	12.41
East North Central	395	515	76	4,465	4,482	708	88.4	115.0	107.9	14.45
West North Central	208	281	22	1,646	2,633	389	126.4	106.5	55.4	21.18
South	339	1,143	201	5,415	13,572	1,844	62.7	84.2	109.2	10.75
South Atlantic	146	525	101	2,209	6,326	940	66.2	83.0	107.8	15.51
East South Central	70	313	34	961	3,515	441	72.6	89.1	77.3	23.66
West South Central	123	305	66	2,245	3,730	463	54.9	81.7	142.5	16.12
West	285	725	96	3,191	7,626	919	89.2	95.1	104.4	14.81
Mountain	140	257	32	1,435	2,127	292	97.3	120.9	109.9	26.53
Pacific	145	468	64	1,756	5,499	627	82.5	85.1	101.9	15.49
Climate Zone: 45-Year Average										
Fewer than 2,000 CDD and --										
More than 7,000 HDD	148	303	48	1,693	2,951	453	87.2	102.5	106.9	18.76
5,500-7,000 HDD	624	850	117	6,461	7,159	977	96.6	118.7	120.3	13.61
4,000-5,499 HDD	475	802	130	5,630	8,185	1,341	84.3	98.0	97.1	15.10
Fewer than 4,000 HDD	239	732	107	3,302	9,078	1,111	72.3	80.7	96.3	13.05
More than 2,000 CDD and --										
Fewer than 4,000 HDD	141	522	83	2,594	7,070	766	54.3	73.9	108.8	15.80

See footnotes at end of table.

Table 8. Consumption and Gross Energy Intensity by Year Constructed for Sum of Major Fuels, 1995 (Continued)

Building Characteristics	Sum of Major Fuel Consumption (trillion Btu)			Total Floorspace of Buildings (million square feet)			Energy Intensity for Sum of Major Fuels (thousand Btu/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	
RSE Column Factor:	1.1	0.8	1.8	0.8	0.6	1.2	0.9	0.7	1.5	
Workers (main shift)										
Fewer than 5	308	418	64	6,094	6,674	1,118	50.5	62.6	56.9	16.73
5 to 9	232	254	23	2,834	3,216	240	81.9	78.8	94.4	17.32
10 to 19	163	386	65	2,437	4,179	486	66.9	92.4	133.8	15.95
20 to 49	320	445	103	3,146	5,133	853	101.9	86.6	120.9	12.09
50 to 99	167	401	62	1,812	4,486	633	91.9	89.4	98.5	12.05
100 to 249	173	402	74	1,625	3,720	644	106.4	108.1	114.7	13.68
250 or More	263	903	96	1,733	7,036	675	151.9	128.4	142.3	14.57
Weekly Operating Hours										
39 or Fewer	101	71	8	2,962	2,776	397	34.0	25.7	20.1	17.58
40 to 48	388	426	65	5,893	6,389	951	65.9	66.6	68.4	13.13
49 to 60	299	550	88	3,971	7,282	989	75.2	75.5	89.4	14.37
61 to 84	218	505	74	2,595	6,762	695	83.8	74.6	106.1	11.35
85 to 167	212	533	86	1,565	4,070	567	135.4	131.0	151.2	17.86
Open Continuously	409	1,124	166	2,695	7,163	1,051	151.8	156.9	157.8	11.79
Ownership and Occupancy										
Nongovernment Owned	1,050	2,505	395	14,721	28,204	3,772	71.3	88.8	104.6	7.48
Owner Occupied	907	2,030	349	11,708	20,866	2,999	77.5	97.3	116.4	8.18
Nonowner Occupied	136	466	45	2,211	6,733	753	61.3	69.2	60.4	12.57
Unoccupied	7	Q	Q	802	605	Q	Q	Q	Q	38.91
Government Owned	577	703	92	4,959	6,239	877	116.3	112.7	104.9	12.16
Federal	135	116	Q	955	695	Q	141.8	167.1	Q	38.71
State	155	254	29	1,083	1,593	174	142.9	159.4	167.7	19.52
Local	286	333	49	2,921	3,951	601	98.0	84.3	80.7	15.61
Space in Building Vacant for at Least Three Consecutive Months										
Yes	299	729	92	4,864	9,912	1,068	61.4	73.5	86.3	11.09
No	1,327	2,480	394	14,816	24,531	3,581	89.6	101.1	110.1	7.78
Energy Sources (more than one may apply)										
Electricity	1,621	3,205	486	18,824	33,802	4,449	86.1	94.8	109.2	7.05
Natural Gas	1,272	2,309	350	13,673	21,726	2,747	93.0	106.3	127.6	8.02
Fuel Oil	458	1,122	153	4,324	8,919	1,178	105.9	125.7	129.5	11.46
District Heat	362	603	86	2,359	2,881	418	153.6	209.4	205.7	21.81
District Chilled Water	142	357	43	661	1,602	258	215.4	222.6	165.4	24.42
Propane	81	271	40	1,195	3,523	626	68.0	76.8	64.2	18.76
Other	53	Q	Q	1,007	1,167	Q	52.7	Q	Q	26.04
Energy End Uses (more than one may apply)										
Buildings with Space Heating	1,614	3,149	484	18,081	31,975	4,291	89.2	98.5	112.8	7.00
Buildings with Cooling	1,417	3,037	468	15,405	30,540	3,989	92.0	99.5	117.4	7.28
Buildings with Water Heating	1,540	3,102	448	16,692	30,944	3,924	92.2	100.2	114.3	6.95
Buildings with Cooking	704	1,541	262	6,005	12,852	1,856	117.2	119.9	140.9	8.97
Buildings with Manufacturing	124	162	Q	1,406	2,172	315	88.2	74.7	Q	23.87
Buildings with Electricity Generation	369	1,163	173	2,720	9,318	1,328	135.6	124.8	130.6	11.05
Space-Heating Energy Sources (more than one may apply)										
Electricity	394	1,289	225	5,262	14,735	2,158	74.9	87.5	104.3	9.74
Natural Gas	1,012	1,818	266	11,569	17,715	2,252	87.4	102.6	118.1	8.25
Fuel Oil	280	413	29	2,866	3,415	325	97.6	121.0	89.7	18.28
District Heat	359	595	82	2,355	2,843	409	152.4	209.4	199.9	18.75
Propane	17	102	10	287	1,433	304	59.0	71.1	33.5	28.36
Other	16	52	Q	491	457	Q	31.9	113.1	Q	27.79

See footnotes at end of table.

Table 8. Consumption and Gross Energy Intensity by Year Constructed for Sum of Major Fuels, 1995 (Continued)

Building Characteristics	Sum of Major Fuel Consumption (trillion Btu)			Total Floorspace of Buildings (million square feet)			Energy Intensity for Sum of Major Fuels (thousand Btu/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	
RSE Column Factor:	1.1	0.8	1.8	0.8	0.6	1.2	0.9	0.7	1.5	
Primary Space-Heating Energy Source										
Electricity	126	733	146	2,257	9,892	1,351	56.0	74.1	107.9	12.84
Natural Gas	959	1,638	241	10,807	15,933	2,068	88.8	102.8	116.8	8.62
Fuel Oil	161	132	Q	2,093	1,903	Q	76.8	69.3	Q	17.12
District Heat	347	555	75	2,262	2,665	362	153.5	208.1	207.4	19.89
Propane	Q	59	Q	163	1,163	Q	Q	50.4	Q	36.22
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Cooling Energy Sources (more than one may apply)										
Electricity	1,310	2,786	437	14,852	29,150	3,759	88.2	95.6	116.2	7.31
Natural Gas	Q	128	Q	438	762	Q	172.8	168.6	Q	34.25
District Chilled Water	142	357	43	661	1,602	258	215.4	222.6	165.4	24.42
Water-Heating Energy Sources (more than one may apply)										
Electricity	405	1,076	177	5,750	15,217	2,089	70.4	70.7	84.6	10.03
Natural Gas	914	1,608	248	9,196	13,951	1,712	99.4	115.3	144.6	8.86
Fuel Oil	89	108	Q	1,044	993	Q	84.8	108.4	Q	21.78
District Heat	226	487	49	1,546	2,169	234	146.3	224.5	208.0	18.42
Propane	Q	64	Q	Q	762	Q	Q	84.3	Q	30.95
Cooking Energy Sources (more than one may apply)										
Electricity	370	955	171	2,990	8,080	1,178	123.7	118.2	145.4	11.65
Natural Gas	467	1,046	186	4,151	7,938	1,106	112.5	131.7	168.0	10.63
Propane	Q	103	Q	186	1,159	Q	Q	89.0	Q	34.18
Percent of Floorspace Heated										
Not Heated	13	59	3	1,600	2,467	358	7.9	23.9	7.2	26.78
1 to 50	85	148	15	2,430	3,463	334	34.8	42.8	44.1	18.51
51 to 99	219	508	78	3,048	5,126	694	71.8	99.0	112.9	15.85
100	1,310	2,494	391	12,602	23,387	3,263	104.0	106.6	119.8	7.71
Percent of Floorspace Cooled										
Not Cooled	210	171	18	4,275	3,902	660	49.0	43.8	27.5	16.05
1 to 50	472	520	52	6,441	7,879	707	73.2	66.0	73.2	14.64
51 to 99	385	865	110	3,748	7,830	971	102.9	110.5	112.9	10.40
100	560	1,652	307	5,217	14,831	2,311	107.3	111.4	132.9	10.21
Percent Lit when Open										
Zero	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
1 to 50	163	124	Q	3,136	2,543	329	51.9	48.6	Q	14.79
51 to 99	316	508	59	3,726	5,374	592	84.8	94.6	100.4	12.56
100	1,131	2,567	405	11,516	25,500	3,498	98.2	100.7	115.7	8.01
Building Not in Use/ Electricity Not Used	16	9	Q	1,238	924	206	Q	9.8	Q	35.77
Percent Lit when Closed										
Zero	313	373	67	5,111	6,944	1,046	61.3	53.7	63.8	13.41
1 to 50	849	1,575	215	10,234	18,325	2,152	83.0	85.9	100.1	9.58
51 to 100	39	130	Q	418	1,230	266	93.5	105.8	Q	30.28
Never Closed	409	1,122	165	2,680	7,019	978	152.7	159.8	168.9	13.13
Building Not in Use/ Electricity Not Used	Q	Q	Q	1,238	924	Q	Q	Q	Q	31.68

See footnotes at end of table.

Table 8. Consumption and Gross Energy Intensity by Year Constructed for Sum of Major Fuels, 1995 (Continued)

Building Characteristics	Sum of Major Fuel Consumption (trillion Btu)			Total Floorspace of Buildings (million square feet)			Energy Intensity for Sum of Major Fuels (thousand Btu/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	
RSE Column Factor:	**1.1**	**0.8**	**1.8**	**0.8**	**0.6**	**1.2**	**0.9**	**0.7**	**1.5**	
Energy Conservation Features (more than one may apply)										
Any Conservation Features	1,603	3,173	484	17,858	32,958	4,472	89.7	96.3	108.3	6.88
Building Shell	1,547	3,111	478	17,068	31,771	4,351	90.6	97.9	109.8	6.99
HVAC	1,317	2,856	447	13,354	27,489	3,814	98.7	103.9	117.2	7.37
Lighting	1,143	2,452	418	11,507	23,449	3,581	99.3	104.6	116.6	7.31

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. • HVAC = Heating, Ventilation, and Air Conditioning. • 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 9. Total Electricity Consumption and Expenditures, 1995

Building Characteristics	All Buildings Using Electricity: Number of Buildings (thousand)	All Buildings Using Electricity: Floorspace (million square feet)	All Buildings Using Electricity: Floorspace per Building (thousand square feet)	Electricity Consumption: Primary: Total (trillion Btu)	Electricity Consumption: Site: Total (trillion Btu)	Electricity Consumption: Site: Total (billion kWh)	Electricity Expenditures: Total (million dollars)	RSE Row Factor
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
				Primary	Site			
	Number of Buildings (thousand)	Floorspace (million square feet)	Floorspace per Building (thousand square feet)	Total (trillion Btu)	Total (trillion Btu)	Total (billion kWh)	Total (million dollars)	
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
				Primary	Site			
	Number of Buildings (thousand)	Floorspace (million square feet)	Floorspace per Building (thousand square feet)	Total (trillion Btu)	Total (trillion Btu)	Total (billion kWh)	Total (million dollars)	
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)	
				25th Percentile	Median	75th Percentile				
RSE Column Factor:	1.4	1.1	1.3				1.2	0.9	0.5	
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)	
RSE Column Factor:	1.4	1.1	1.3	25th Percentile	Median	75th Percentile	1.2	0.9	0.5	
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)	
				25th Percentile	Median	75th Percentile				
RSE Column Factor:	1.4	1.1	1.3				1.2	0.9	0.5	
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	
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	
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	
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) per kWh				Electricity Expenditures (dollars) per Square Foot				RSE Row Factor
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	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	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) per kWh				Electricity Expenditures (dollars) per Square Foot				RSE Row Factor
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	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	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) per kWh				Electricity Expenditures (dollars) per Square Foot				RSE Row Factor
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	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	1.5	
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	
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	
RSE Column Factor:	1.3	1.0	1.3	1.0	0.9	1.0	1.0	0.8	0.9	
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	2,744	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	
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	
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	
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	
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
			Season of Peak Electricity Demand					Season of Peak Electricity Demand			
	Buildings Not Demand-Metered	Demand-Metered Buildings	Summer	Winter	Summer and Winter	Buildings Not Demand-Metered	Demand-Metered Buildings	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
			Season of Peak Electricity Demand					Season of Peak Electricity Demand			
	Buildings Not Demand-Metered	Demand-Metered Buildings	Summer	Winter	Summer and Winter	Buildings Not Demand-Metered	Demand-Metered Buildings	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
			Season of Peak Electricity Demand					Season of Peak Electricity Demand			
	Buildings Not Demand-Metered	Demand-Metered Buildings	Summer	Winter	Summer and Winter	Buildings Not Demand-Metered	Demand-Metered Buildings	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
			Season of Peak Electricity Demand					Season of Peak Electricity Demand			
	Buildings Not Demand-Metered	Demand-Metered Buildings	Summer	Winter	Summer and Winter	Buildings Not Demand-Metered	Demand-Metered Buildings	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
			Season of Peak Electricity Demand					Season of Peak Electricity Demand			
	Buildings Not Demand-Metered	Demand-Metered Buildings	Summer	Winter	Summer and Winter	Buildings Not Demand-Metered	Demand-Metered Buildings	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
			Season of Peak Electricity Demand					Season of Peak Electricity Demand			
	Buildings Not Demand-Metered	Demand-Metered Buildings	Summer	Winter	Summer and Winter	Buildings Not Demand-Metered	Demand-Metered Buildings	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
			Season of Peak Electricity Demand					Season of Peak Electricity Demand			
	Buildings Not Demand-Metered	Demand-Metered Buildings	Summer	Winter	Summer and Winter	Buildings Not Demand-Metered	Demand-Metered Buildings	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
			Season of Peak Electricity Demand					Season of Peak Electricity Demand			
	Buildings Not Demand-Metered	Demand-Metered Buildings	Summer	Winter	Summer and Winter	Buildings Not Demand-Metered	Demand-Metered Buildings	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.

Table 20. Total Natural Gas Consumption and Expenditures, 1995

Building Characteristics	All Buildings Using Natural Gas			Natural Gas Consumption		Natural Gas Expenditures	RSE Row Factor
	Number of Buildings (thousand)	Floorspace (million square feet)	Floorspace per Building (thousand square feet)	Total (trillion Btu)	Total (billion cubic feet)	Total (million dollars)	
RSE Column Factor:	1.1	0.9	0.7	1.1	1.1	1.2	
All Buildings	2,478	38,145	15.4	1,946	1,895	9,018	4.80
Building Floorspace (square feet)							
1,001 to 5,000	1,112	2,942	2.6	264	257	1,483	8.13
5,001 to 10,000	614	4,497	7.3	272	264	1,439	10.91
10,001 to 25,000	474	7,561	16.0	356	347	1,775	9.22
25,001 to 50,000	146	5,242	36.0	231	225	1,159	6.43
50,001 to 100,000	82	5,608	68.8	243	237	1,091	6.52
100,001 to 200,000	33	4,643	139.2	244	238	958	8.60
200,001 to 500,000	13	3,941	295.6	211	205	729	9.07
Over 500,000	4	3,712	882.3	125	122	385	10.92
Principal Building Activity							
Education	204	5,800	28.4	245	239	1,117	9.64
Food Sales	58	401	6.9	18	17	97	27.14
Food Service	184	1,001	5.4	158	154	851	17.04
Health Care	51	1,759	34.3	258	252	838	16.54
Lodging	110	2,828	25.7	213	207	966	13.17
Mercantile and Service	792	8,520	10.8	395	385	1,979	11.50
Office	438	6,521	14.9	239	233	1,150	10.24
Public Assembly	189	2,662	14.1	142	138	675	14.12
Public Order and Safety	37	746	20.4	33	32	167	21.31
Religious Worship	159	2,001	12.5	57	56	303	13.93
Warehouse and Storage	173	4,595	26.5	106	103	559	13.64
Other	21	654	30.8	55	54	197	32.26
Vacant	61	658	10.8	26	26	119	37.29
Year Constructed							
1919 or Before	256	2,643	10.3	135	132	655	13.19
1920 to 1945	353	4,560	12.9	210	205	966	12.05
1946 to 1959	528	6,470	12.3	391	381	1,796	13.00
1960 to 1969	403	7,170	17.8	375	365	1,750	9.95
1970 to 1979	444	7,375	16.6	393	382	1,695	11.07
1980 to 1989	357	7,181	20.1	288	280	1,397	8.97
1990 to 1992	92	1,659	18.0	100	98	510	20.96
1993 to 1995	46	1,087	23.5	54	52	249	23.82
Census Region and Division							
Northeast	316	7,108	22.5	297	289	1,739	13.01
New England	34	1,433	42.6	74	72	432	26.89
Middle Atlantic	282	5,674	20.1	223	217	1,307	13.67
Midwest	777	10,905	14.0	750	730	2,947	8.96
East North Central	549	7,553	13.8	505	492	2,043	9.23
West North Central	228	3,352	14.7	244	238	903	17.01
South	805	12,291	15.3	528	514	2,560	9.33
South Atlantic	210	4,802	22.9	197	192	1,009	15.35
East South Central	248	3,163	12.8	164	160	792	19.83
West South Central	347	4,326	12.5	167	163	759	10.90
West	580	7,841	13.5	371	361	1,772	10.06
Mountain	219	2,624	12.0	150	146	585	17.21
Pacific	361	5,217	14.4	221	216	1,188	12.93
Climate Zone: 45-Year Average							
Fewer than 2,000 CDD and --							
More than 7,000 HDD	265	3,399	12.8	240	233	952	13.81
5,500-7,000 HDD	626	10,754	17.2	692	674	2,907	9.42
4,000-5,499 HDD	490	9,094	18.6	452	440	2,214	15.00
Fewer than 4,000 HDD	674	9,598	14.2	372	362	2,012	11.88
More than 2,000 CDD and --							
Fewer than 4,000 HDD	423	5,300	12.5	191	186	933	15.05

See footnotes at end of table.

Table 20. Total Natural Gas Consumption and Expenditures, 1995 (Continued)

Building Characteristics	All Buildings Using Natural Gas			Natural Gas Consumption		Natural Gas Expenditures	RSE Row Factor
	Number of Buildings (thousand)	Floorspace (million square feet)	Floorspace per Building (thousand square feet)	Total (trillion Btu)	Total (billion cubic feet)	Total (million dollars)	
RSE Column Factor:	1.1	0.9	0.7	1.1	1.1	1.2	
Workers (main shift)							
Fewer than 5	1,155	6,581	5.7	298	290	1,620	7.75
5 to 9	538	4,482	8.3	244	237	1,198	13.81
10 to 19	358	4,696	13.1	269	262	1,364	13.15
20 to 49	261	6,627	25.4	343	334	1,729	9.06
50 to 99	90	4,762	52.6	218	212	985	10.32
100 to 249	50	4,286	85.1	222	216	930	10.33
250 or More	25	6,712	264.7	352	342	1,192	9.41
Weekly Operating Hours							
39 or Fewer	343	2,657	7.7	92	90	498	14.31
40 to 48	718	8,541	11.9	365	356	1,790	9.84
49 to 60	596	8,002	13.4	301	293	1,466	9.65
61 to 84	365	7,048	19.3	279	272	1,410	10.39
85 to 167	216	3,966	18.3	243	236	1,215	12.99
Open Continuously	239	7,931	33.2	665	648	2,638	9.68
Ownership and Occupancy							
Nongovernment Owned	2,190	30,256	13.8	1,472	1,433	7,065	5.23
Owner Occupied	1,750	23,956	13.7	1,245	1,212	5,825	5.95
Nonowner Occupied	413	6,077	14.7	218	213	1,201	11.20
Unoccupied	Q	Q	Q	Q	Q	Q	99.99
Government Owned	288	7,889	27.4	474	462	1,953	10.52
Space in Building Vacant for at Least Three Consecutive Months							
Yes	392	9,725	24.8	409	398	1,765	12.55
No	2,086	28,420	13.6	1,537	1,497	7,253	5.34
Energy Sources (more than one may apply)							
Electricity	2,476	38,009	15.4	1,938	1,887	8,987	4.95
Natural Gas	2,478	38,145	15.4	1,946	1,895	9,018	4.80
Fuel Oil	155	9,262	59.8	556	541	2,099	10.43
District Heat	30	2,343	78.8	146	142	486	24.21
District Chilled Water	17	1,287	77.0	101	99	327	19.21
Propane	105	1,565	14.8	90	87	425	18.30
Other	88	1,485	16.8	64	62	272	21.15
Energy End Uses (more than one may apply)							
Buildings with Space Heating	2,456	37,950	15.5	1,937	1,886	8,972	4.81
Buildings with Cooling	2,131	35,100	16.5	1,782	1,736	8,189	5.08
Buildings with Water Heating	2,201	36,284	16.5	1,878	1,828	8,650	5.19
Buildings with Cooking	549	15,968	29.1	975	950	4,216	6.07
Buildings with Manufacturing	104	2,542	24.5	111	108	528	15.54
Buildings with Electricity Generation	159	10,331	64.8	577	562	2,246	9.24
Space-Heating Energy Source							
Natural Gas	2,211	31,535	14.3	1,685	1,641	7,770	5.07
Natural Gas Main	2,106	28,808	13.7	1,614	1,571	7,437	5.24
Natural Gas Secondary	105	2,728	26.0	72	70	333	16.10
Other Excluding Natural Gas	245	6,414	26.2	252	245	1,202	11.52
Buildings without Space Heating	Q	Q	Q	Q	Q	Q	99.99
Primary Space-Heating Energy Source							
Electricity	240	5,427	22.6	176	171	979	14.57
Natural Gas	2,106	28,808	13.7	1,614	1,571	7,437	5.24
Fuel Oil	58	1,358	23.6	16	16	111	28.31
District Heat	28	2,037	73.4	118	115	400	18.18
Propane	Q	Q	Q	Q	Q	Q	99.99
Other	Q	Q	Q	Q	Q	Q	99.99

See footnotes at end of table.

Table 20. Total Natural Gas Consumption and Expenditures, 1995 (Continued)

Building Characteristics	All Buildings Using Natural Gas			Natural Gas Consumption		Natural Gas Expenditures	RSE Row Factor
	Number of Buildings (thousand)	Floorspace (million square feet)	Floorspace per Building (thousand square feet)	Total (trillion Btu)	Total (billion cubic feet)	Total (million dollars)	
RSE Column Factor:	1.1	0.9	0.7	1.1	1.1	1.2	
Cooling Energy Source							
Natural Gas	65	1,314	20.1	116	113	462	24.50
Other Excluding Natural Gas	2,066	33,786	16.4	1,666	1,623	7,727	5.30
Buildings without Cooling	347	3,045	8.8	163	159	829	12.46
Water-Heating Energy Source							
Natural Gas	1,577	24,859	15.8	1,513	1,474	6,849	6.07
Other Excluding Natural Gas	624	11,424	18.3	364	355	1,802	8.59
Buildings without Water Heating	277	1,862	6.7	68	66	368	18.82
Cooking Energy Source							
Natural Gas	448	13,195	29.4	801	780	3,495	6.59
Other Excluding Natural Gas	100	2,773	27.6	174	169	721	11.52
Buildings without Cooking	1,929	22,177	11.5	970	945	4,802	6.46
Percent of Floorspace Heated							
Not Heated	Q	Q	Q	Q	Q	Q	99.99
1 to 50	267	3,715	13.9	86	84	469	14.73
51 to 99	437	6,214	14.2	281	273	1,461	13.70
100	1,752	28,020	16.0	1,570	1,529	7,042	5.02
Annual Consumption (hundred cubic feet)							
1,000 or Less	647	3,871	6.0	35	34	272	10.30
1,001 to 5,000	1,194	10,767	9.0	291	284	1,676	6.67
5,001 to 10,000	275	4,876	17.8	207	201	1,072	8.54
10,001 to 25,000	230	7,045	30.6	346	337	1,841	9.28
25,001 to 50,000	74	4,053	54.5	256	250	1,284	9.45
50,001 to 100,000	37	2,998	80.8	254	247	1,062	21.97
Over 100,000	20	4,535	221.9	557	542	1,812	10.22
Gas Transported for the Account of Others							
Used in Building	32	2,123	66.8	305	297	956	19.18
Not Used in Building	2,446	36,022	14.7	1,640	1,597	8,063	5.13

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 21. Natural Gas Consumption and Expenditure Intensities, 1995

Building Characteristics	Natural Gas Consumption						Natural Gas Expenditures			RSE Row Factor
	per Building (thousand cubic feet)	per Square Foot (cubic feet)	per Worker (thousand cubic feet)	Distribution of Building-Level Intensities (cubic feet/square foot)			per Building (thousand dollars)	per Square Foot (dollars)	per Thousand Cubic Feet (dollars)	
				25th Percentile	Median	75th Percentile				
RSE Column Factor:	1.2	1.0	1.3				1.1	1.0	0.6	
All Buildings	764	49.7	37.7	18.4	39.7	76.9	3.6	0.24	4.76	4.48
Building Floorspace (square feet)										
1,001 to 5,000	231	87.2	46.0	26.0	51.0	109.0	1.3	0.50	5.78	7.41
5,001 to 10,000	431	58.8	53.6	17.4	29.1	66.2	2.3	0.32	5.44	14.84
10,001 to 25,000	732	45.9	45.0	11.9	29.3	54.6	3.7	0.23	5.12	10.59
25,001 to 50,000	1,542	42.8	32.1	10.7	27.2	60.8	8.0	0.22	5.16	6.26
50,001 to 100,000	2,907	42.3	34.2	9.6	23.4	53.0	13.4	0.19	4.61	8.09
100,001 to 200,000	7,135	51.3	41.8	11.2	28.4	64.2	28.7	0.21	4.03	11.64
200,001 to 500,000	15,385	52.1	39.9	4.6	25.9	66.3	54.6	0.18	3.55	9.19
Over 500,000	29,006	32.9	16.8	1.6	8.8	33.4	91.4	0.10	3.15	16.82
Principal Building Activity										
Education	1,170	41.1	32.5	13.1	28.6	58.4	5.5	0.19	4.68	8.21
Food Sales	292	42.6	41.2	7.7	31.7	76.8	1.7	0.24	5.66	27.24
Food Service	835	153.5	93.9	52.0	135.2	250.8	4.6	0.85	5.54	10.84
Health Care	4,899	143.0	75.6	44.6	66.3	150.6	16.3	0.48	3.33	13.80
Lodging	1,883	73.2	103.1	41.0	57.6	100.0	8.8	0.34	4.67	11.34
Mercantile and Service	486	45.2	42.6	19.4	40.4	80.3	2.5	0.23	5.14	12.71
Office	532	35.7	13.5	18.0	33.2	62.6	2.6	0.18	4.94	8.48
Public Assembly	731	51.9	72.0	19.7	45.6	77.8	3.6	0.25	4.89	13.19
Public Order and Safety	887	43.6	36.8	22.1	43.6	95.0	4.6	0.22	5.15	15.59
Religious Worship	351	28.0	37.8	10.1	27.4	47.0	1.9	0.15	5.42	12.45
Warehouse and Storage	594	22.4	34.3	9.0	21.2	43.1	3.2	0.12	5.44	8.98
Other	2,535	82.4	37.0	35.1	35.4	44.5	9.3	0.30	3.66	25.18
Vacant	Q	38.8	57.0	13.4	21.0	51.0	2.0	0.18	4.67	33.58
Year Constructed										
1919 or Before	514	49.8	44.8	24.0	47.6	78.3	2.6	0.25	4.97	10.02
1920 to 1945	580	44.9	37.0	21.7	40.4	79.5	2.7	0.21	4.72	9.59
1946 to 1959	721	58.8	53.6	19.7	44.1	86.2	3.4	0.28	4.72	11.38
1960 to 1969	906	50.9	36.6	21.3	47.5	73.7	4.3	0.24	4.80	9.11
1970 to 1979	862	51.8	37.4	12.4	32.7	70.2	3.8	0.23	4.43	11.97
1980 to 1989	786	39.0	25.6	14.2	28.4	56.1	3.9	0.19	4.98	7.62
1990 to 1992	1,063	58.9	41.4	17.4	29.1	94.3	5.5	0.31	5.22	22.46
1993 to 1995	1,134	48.2	45.7	14.3	42.5	85.4	5.4	0.23	4.74	20.50
Census Region and Division										
Northeast	915	40.6	30.6	17.9	29.1	64.1	5.5	0.24	6.02	9.91
New England	2,129	50.0	47.8	11.1	40.8	83.3	12.8	0.30	6.04	20.58
Middle Atlantic	770	38.3	27.3	18.0	28.6	63.9	4.6	0.23	6.02	9.85
Midwest	939	66.9	54.6	31.9	59.8	97.9	3.8	0.27	4.04	7.19
East North Central	897	65.2	56.6	31.5	62.1	95.1	3.7	0.27	4.15	7.04
West North Central	1,042	71.0	50.9	34.8	54.3	123.2	4.0	0.27	3.80	14.55
South	639	41.9	35.0	15.5	29.3	60.1	3.2	0.21	4.98	9.00
South Atlantic	913	39.9	29.3	18.9	34.9	58.7	4.8	0.21	5.26	10.00
East South Central	645	50.5	45.2	16.9	38.3	68.1	3.2	0.25	4.96	22.45
West South Central	469	37.7	35.2	12.0	22.0	52.1	2.2	0.18	4.66	10.92
West	622	46.1	28.4	12.5	30.4	65.1	3.1	0.23	4.91	7.32
Mountain	664	55.5	48.9	24.5	42.2	68.9	2.7	0.22	4.01	11.27
Pacific	597	41.3	22.2	9.5	26.8	55.9	3.3	0.23	5.51	10.28
Climate Zone: 45-Year Average										
Fewer than 2,000 CDD and --										
More than 7,000 HDD	879	68.7	59.2	35.4	50.2	91.0	3.6	0.28	4.08	8.41
5,500-7,000 HDD	1,076	62.6	51.9	28.5	51.0	97.9	4.6	0.27	4.31	8.53
4,000-5,499 HDD	898	48.4	34.1	18.7	40.0	83.8	4.5	0.24	5.03	10.69
Fewer than 4,000 HDD	537	37.7	26.0	11.9	28.8	57.5	3.0	0.21	5.56	7.51
More than 2,000 CDD and --										
Fewer than 4,000 HDD	439	35.0	28.6	13.1	22.9	52.1	2.2	0.18	5.03	10.60

See footnotes at end of table.

Table 21. Natural Gas Consumption and Expenditure Intensities, 1995 (Continued)

Building Characteristics	Natural Gas Consumption						Natural Gas Expenditures			RSE Row Factor
	per Building (thousand cubic feet)	per Square Foot (cubic feet)	per Worker (thousand cubic feet)	Distribution of Building-Level Intensities (cubic feet/square foot)			per Building (thousand dollars)	per Square Foot (dollars)	per Thousand Cubic Feet (dollars)	
				25th Percentile	Median	75th Percentile				
RSE Column Factor:	1.2	1.0	1.3				1.1	1.0	0.6	
Workers (main shift)										
Fewer than 5	251	44.1	111.0	18.5	41.0	73.7	1.4	0.25	5.58	5.88
5 to 9	441	52.9	67.9	19.6	42.6	89.7	2.2	0.27	5.05	15.69
10 to 19	733	55.9	57.4	18.0	30.1	86.2	3.8	0.29	5.20	16.45
20 to 49	1,279	50.4	43.3	18.9	39.8	74.7	6.6	0.26	5.17	7.28
50 to 99	2,347	44.6	36.5	11.8	29.3	57.5	10.9	0.21	4.64	10.12
100 to 249	4,285	50.4	30.9	12.8	32.3	73.8	18.5	0.22	4.31	9.67
250 or More	13,501	51.0	18.0	9.0	27.2	67.3	47.0	0.18	3.48	9.93
Weekly Operating Hours										
39 or Fewer	262	33.8	38.2	10.9	29.1	55.6	1.5	0.19	5.54	10.32
40 to 48	495	41.6	33.9	19.6	33.9	68.1	2.5	0.21	5.03	9.92
49 to 60	491	36.6	24.7	12.5	30.9	64.0	2.5	0.18	5.01	7.49
61 to 84	744	38.6	31.4	24.0	45.7	87.8	3.9	0.20	5.18	8.38
85 to 167	1,092	59.6	54.5	27.5	72.6	198.8	5.6	0.31	5.14	10.15
Open Continuously	2,711	81.7	51.6	28.5	55.4	108.6	11.0	0.33	4.07	8.91
Ownership and Occupancy										
Nongovernment Owned	654	47.4	35.7	18.4	38.8	74.7	3.2	0.23	4.93	4.78
Owner Occupied	692	50.6	38.6	18.4	39.7	75.8	3.3	0.24	4.81	5.47
Nonowner Occupied	515	35.0	24.8	18.7	34.0	78.3	2.9	0.20	5.65	7.40
Unoccupied	Q	Q	Q	14.2	51.0	67.2	Q	Q	Q	99.99
Government Owned	1,603	58.5	45.7	22.0	46.0	90.3	6.8	0.25	4.23	10.00
Space in Building Vacant for at Least Three Consecutive Months										
Yes	1,015	40.9	26.5	15.4	32.4	67.2	4.5	0.18	4.44	11.76
No	717	52.7	42.5	19.1	40.0	78.3	3.5	0.26	4.85	4.47
Energy Sources (more than one may apply)										
Electricity	762	49.6	37.6	18.4	39.7	76.9	3.6	0.24	4.76	4.77
Natural Gas	764	49.7	37.7	18.4	39.7	76.9	3.6	0.24	4.76	4.48
Fuel Oil	3,497	58.4	35.3	6.5	28.6	79.5	13.6	0.23	3.88	10.03
District Heat	4,775	60.6	28.9	5.9	11.8	31.8	16.3	0.21	3.42	27.33
District Chilled Water	5,901	76.7	39.4	6.0	24.0	71.9	19.5	0.25	3.31	15.91
Propane	828	55.8	45.5	25.4	42.1	95.0	4.0	0.27	4.87	10.13
Other	704	42.0	39.9	14.7	36.8	64.0	3.1	0.18	4.37	16.87
Energy End Uses (more than one may apply)										
Buildings with Space Heating	768	49.7	37.7	18.5	39.8	76.9	3.7	0.24	4.76	4.52
Buildings with Cooling	814	49.4	36.4	18.0	38.3	76.9	3.8	0.23	4.72	4.92
Buildings with Water Heating	831	50.4	37.4	18.9	40.0	79.5	3.9	0.24	4.73	4.67
Buildings with Cooking	1,730	59.5	38.9	27.7	58.2	120.6	7.7	0.26	4.44	5.90
Buildings with Manufacturing	1,037	42.4	29.5	29.0	47.7	56.8	5.1	0.21	4.89	12.50
Buildings with Electricity Generation	3,525	54.4	33.1	13.5	40.8	86.1	14.1	0.22	4.00	8.85
Space-Heating Energy Source										
Natural Gas	742	52.0	40.8	19.2	39.9	77.4	3.5	0.25	4.74	4.83
Natural Gas Main	746	54.5	43.2	20.3	41.2	78.8	3.5	0.26	4.73	4.77
Natural Gas Secondary	666	25.6	18.2	6.2	12.5	27.3	3.2	0.12	4.77	19.25
Other Excluding Natural Gas	1,001	38.2	25.0	6.5	31.9	65.6	4.9	0.19	4.90	9.69
Buildings without Space Heating	Q	Q	Q	1.0	7.7	227.2	Q	Q	Q	99.99
Primary Space-Heating Energy Source										
Electricity	712	31.5	22.3	11.0	27.7	64.4	4.1	0.18	5.73	13.22
Natural Gas	746	54.5	43.2	20.3	41.2	78.8	3.5	0.26	4.73	4.77
Fuel Oil	278	11.8	13.4	2.3	6.5	28.6	1.9	0.08	6.95	31.96
District Heat	4,138	56.4	25.6	5.9	7.8	26.7	14.4	0.20	3.48	16.47
Propane	Q	Q	Q	40.4	40.4	40.4	Q	Q	Q	99.99
Other	Q	Q	Q	44.4	44.5	64.1	Q	Q	Q	99.99

See footnotes at end of table.

Table 21. Natural Gas Consumption and Expenditure Intensities, 1995 (Continued)

Building Characteristics	Natural Gas Consumption						Natural Gas Expenditures			RSE Row Factor
	per Building (thousand cubic feet)	per Square Foot (cubic feet)	per Worker (thousand cubic feet)	Distribution of Building-Level Intensities (cubic feet/square foot)			per Building (thousand dollars)	per Square Foot (dollars)	per Thousand Cubic Feet (dollars)	
				25th Percentile	Median	75th Percentile				
RSE Column Factor:	1.2	1.0	1.3				1.1	1.0	0.6	
Cooling Energy Source										
Natural Gas	1,729	86.0	54.8	43.9	63.9	91.0	7.1	0.35	4.09	17.41
Other Excluding Natural Gas	785	48.0	35.6	17.7	36.5	75.7	3.7	0.23	4.76	5.06
Buildings without Cooling	458	52.2	63.2	22.1	47.8	81.3	2.4	0.27	5.22	10.15
Water-Heating Energy Source										
Natural Gas	935	59.3	45.3	22.0	45.4	88.0	4.3	0.28	4.65	5.37
Other Excluding Natural Gas	568	31.1	21.7	13.2	28.4	51.9	2.9	0.16	5.08	6.89
Buildings without Water Heating	239	35.5	49.2	13.0	24.5	58.4	1.3	0.20	5.57	13.18
Cooking Energy Source										
Natural Gas	1,740	59.1	38.9	28.0	66.2	135.4	7.8	0.26	4.48	6.08
Other Excluding Natural Gas	1,687	61.1	38.9	17.7	42.6	93.5	7.2	0.26	4.26	12.11
Buildings without Cooking	490	42.6	36.6	17.2	33.9	66.2	2.5	0.22	5.08	6.45
Percent of Floorspace Heated										
Not Heated	Q	Q	Q	1.0	7.7	227.2	Q	Q	Q	99.99
1 to 50	314	22.6	33.7	10.5	25.0	55.6	1.8	0.13	5.59	11.34
51 to 99	626	44.0	36.3	15.2	38.3	65.6	3.3	0.24	5.34	15.00
100	873	54.6	38.2	19.9	42.2	82.9	4.0	0.25	4.61	4.55
Annual Consumption (hundred cubic feet)										
1,000 or Less	53	8.8	6.9	5.9	13.9	27.4	0.4	0.07	7.98	7.02
1,001 to 5,000	238	26.4	24.2	25.1	42.1	76.9	1.4	0.16	5.91	4.02
5,001 to 10,000	733	41.3	33.7	35.4	67.5	140.0	3.9	0.22	5.33	4.45
10,001 to 25,000	1,462	47.8	34.9	47.2	76.6	155.0	8.0	0.26	5.47	4.83
25,001 to 50,000	3,354	61.6	39.1	53.0	90.3	188.0	17.2	0.32	5.14	4.93
50,001 to 100,000	6,663	82.4	52.5	64.2	196.7	563.2	28.6	0.35	4.30	11.37
Over 100,000	26,536	119.6	78.9	83.1	130.6	196.9	88.7	0.40	3.34	8.22
Gas Transported for the Account of Others										
Used in Building	9,348	140.0	95.6	38.2	98.4	232.6	30.0	0.45	3.21	21.68
Not Used in Building	653	44.3	33.9	18.4	39.1	76.4	3.3	0.22	5.05	4.60

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 22. Natural Gas Consumption and Conditional Energy Intensity by Census Region, 1995

Building Characteristics	Total Natural Gas Consumption (billion cubic feet)				Total Floorspace of Buildings Using Natural Gas (million square feet)				Natural Gas Energy Intensity (cubic feet/sq. ft.)				RSE Row Factor
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West	
RSE Column Factor:	1.4	1.1	1.1	1.2	1.0	0.8	0.8	1.1	1.1	0.8	0.9	0.9	
All Buildings	289	730	514	361	7,108	10,905	12,291	7,841	40.6	66.9	41.9	46.1	9.51
Building Floorspace (square feet)													
1,001 to 5,000	26	106	73	52	253	1,026	947	717	102.6	103.2	77.2	72.1	18.48
5,001 to 10,000	33	118	65	49	722	1,416	1,330	1,029	45.0	83.6	48.6	47.5	21.61
10,001 to 25,000	42	119	130	56	1,218	1,988	2,735	1,620	34.8	59.6	47.4	34.7	20.50
25,001 to 50,000	36	82	55	52	951	1,402	1,533	1,355	38.0	58.3	35.8	38.3	14.86
50,001 to 100,000	26	87	59	65	754	1,700	1,946	1,207	34.3	51.4	30.1	54.0	17.11
100,001 to 200,000	49	90	76	23	845	1,371	1,706	721	58.3	65.7	44.4	31.7	21.97
200,001 to 500,000	46	69	36	53	935	1,155	1,100	752	49.5	59.8	33.1	71.1	19.15
Over 500,000	30	59	21	11	1,430	848	994	440	21.2	69.7	21.5	25.6	25.30
Principal Building Activity													
Education	49	93	43	53	1,534	1,580	1,543	1,144	32.0	59.2	27.9	46.3	16.29
Food Sales	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Food Service	Q	41	58	Q	Q	406	284	Q	Q	101.1	205.3	Q	31.71
Health Care	47	77	72	55	321	416	610	412	146.4	186.1	118.7	132.8	21.76
Lodging	Q	66	60	60	Q	699	1,081	841	Q	94.7	55.5	71.9	20.25
Mercantile and Service	42	185	123	34	1,535	2,904	2,993	1,087	27.5	63.7	41.3	31.3	22.02
Office	38	94	51	50	1,251	1,638	1,898	1,734	30.6	57.4	26.8	28.7	16.49
Public Assembly	Q	46	41	27	426	712	941	583	55.0	65.3	44.0	46.1	23.83
Public Order and Safety	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Religious Worship	6	23	9	17	303	508	582	608	20.1	46.2	15.8	28.3	25.48
Warehouse and Storage	23	44	29	Q	1,064	1,164	1,712	656	21.2	37.5	17.0	Q	20.12
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Vacant	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Year Constructed													
1919 or Before	21	67	Q	29	655	1,216	441	332	32.0	54.8	34.4	87.3	25.24
1920 to 1945	37	98	42	27	893	1,750	1,179	738	41.9	56.1	35.6	36.6	24.49
1946 to 1959	64	167	75	74	1,277	1,832	2,034	1,327	50.3	91.0	37.1	55.9	19.06
1960 to 1969	43	134	108	81	1,251	1,905	2,430	1,585	34.0	70.2	44.3	51.1	17.36
1970 to 1979	62	115	133	72	1,121	1,912	2,565	1,777	55.4	59.9	51.9	40.8	17.31
1980 to 1989	38	106	88	48	1,424	1,559	2,751	1,447	27.0	68.0	31.8	33.3	15.39
1990 to 1992	Q	21	39	21	280	425	582	372	Q	49.7	66.3	57.6	29.51
1993 to 1995	Q	23	Q	Q	Q	308	309	Q	Q	75.1	48.4	Q	27.46
Climate Zone: 45-Year Average													
Fewer than 2,000 CDD and --													
More than 7,000 HDD	Q	195	Q	37	Q	2,999	Q	385	Q	65.1	Q	97.2	21.00
5,500-7,000 HDD	161	427	Q	86	3,225	5,992	Q	1,537	49.8	71.2	Q	56.1	18.71
4,000-5,499 HDD	127	108	157	48	3,867	1,915	2,428	884	32.9	56.4	64.5	54.2	19.88
Fewer than 4,000 HDD	Q	Q	204	158	Q	Q	5,422	4,176	Q	Q	37.6	37.8	12.12
More than 2,000 CDD and --													
Fewer than 4,000 HDD	Q	Q	154	32	Q	Q	4,441	859	Q	Q	34.6	37.2	22.54
Workers (main shift)													
Fewer than 5	29	121	73	68	906	2,093	2,182	1,400	31.6	57.7	33.3	48.7	15.92
5 to 9	17	135	42	43	623	1,520	1,284	1,055	26.5	89.0	32.9	41.1	26.01
10 to 19	35	80	107	41	808	1,337	1,584	966	42.8	59.8	67.5	42.3	23.07
20 to 49	63	112	104	56	1,119	1,860	2,376	1,272	56.0	60.1	43.8	43.7	16.89
50 to 99	26	85	61	40	846	1,248	1,721	948	30.4	68.4	35.6	42.2	17.81
100 to 249	36	78	53	49	958	1,250	1,096	982	37.8	62.1	48.0	50.4	20.84
250 or More	84	119	75	64	1,848	1,598	2,048	1,218	45.7	74.7	36.5	52.4	16.28
Weekly Operating Hours													
39 or Fewer	11	38	22	19	338	879	780	661	32.2	43.6	28.3	28.2	23.74
40 to 48	47	164	79	66	1,275	2,600	2,885	1,782	37.0	63.0	27.3	36.8	17.13
49 to 60	33	124	83	52	1,431	2,010	2,835	1,727	23.3	61.9	29.4	30.0	15.44
61 to 84	47	126	51	48	1,447	2,302	1,914	1,385	32.2	54.7	26.7	35.0	16.02
85 to 167	50	79	61	46	986	1,165	1,073	741	51.1	67.8	57.2	61.4	24.10
Open Continuously	100	199	218	131	1,631	1,950	2,805	1,545	61.5	101.9	77.6	84.9	15.89

See footnotes at end of table.

Table 22. Natural Gas Consumption and Conditional Energy Intensity by Census Region, 1995 (Continued)

Building Characteristics	Total Natural Gas Consumption (billion cubic feet)				Total Floorspace of Buildings Using Natural Gas (million square feet)				Natural Gas Energy Intensity (cubic feet/sq. ft.)				RSE Row Factor
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West	
RSE Column Factor:	1.4	1.1	1.1	1.2	1.0	0.8	0.8	1.1	1.1	0.8	0.9	0.9	
Ownership and Occupancy													
Nongovernment Owned	221	549	397	265	5,440	8,665	9,973	6,178	40.7	63.4	39.8	42.9	9.79
Owner Occupied	179	470	347	216	4,285	7,126	7,857	4,687	41.7	66.0	44.1	46.2	11.15
Nonowner Occupied	42	72	50	49	1,128	1,425	2,041	1,483	37.3	50.4	24.5	32.8	17.85
Unoccupied	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Government Owned	67	181	117	96	1,668	2,240	2,319	1,663	40.5	80.7	50.6	57.7	15.75
Space in Building Vacant for at Least Three Consecutive Months													
Yes	56	149	113	80	2,003	2,664	3,073	1,984	27.9	55.9	36.8	40.3	17.42
No	233	581	401	281	5,104	8,241	9,218	5,857	45.6	70.5	43.5	48.0	10.15
Energy Sources (more than one may apply)													
Electricity	286	725	514	361	7,074	10,819	12,289	7,826	40.5	67.0	41.9	46.1	9.88
Natural Gas	289	730	514	361	7,108	10,905	12,291	7,841	40.6	66.9	41.9	46.1	9.51
Fuel Oil	118	163	163	97	3,002	2,133	2,517	1,610	39.2	76.5	64.8	60.4	16.92
District Heat	Q	41	Q	Q	Q	847	Q	Q	Q	48.2	Q	Q	39.53
District Chilled Water	Q	28	29	Q	Q	441	439	Q	Q	62.5	66.2	Q	33.06
Propane	8	33	36	9	245	610	489	221	33.6	54.6	74.2	42.8	27.42
Other	Q	24	9	Q	Q	472	381	Q	Q	50.2	23.4	Q	34.29
Energy End Uses (more than one may apply)													
Buildings with Space Heating	289	726	512	359	7,108	10,897	12,176	7,768	40.6	66.7	42.0	46.2	9.55
Buildings with Cooling	269	658	499	310	6,393	9,877	11,961	6,869	42.0	66.6	41.7	45.2	9.95
Buildings with Water Heating	284	697	491	357	6,969	10,197	11,485	7,633	40.7	68.3	42.8	46.7	9.63
Buildings with Cooking	172	334	237	206	3,589	4,241	4,876	3,262	47.9	78.8	48.6	63.3	10.71
Buildings with Manufacturing	16	54	30	9	355	911	920	356	44.0	59.4	32.1	24.0	23.95
Buildings with Electricity Generation	113	181	153	115	2,787	2,354	3,232	1,959	40.4	77.1	47.3	58.6	13.57
Space-Heating Energy Source													
Natural Gas	238	684	410	309	5,043	9,826	9,805	6,861	47.2	69.6	41.8	45.0	10.16
Natural Gas Main	230	661	385	296	4,696	9,293	8,728	6,091	48.9	71.1	44.1	48.6	10.44
Natural Gas Secondary	8	23	25	13	348	533	1,077	770	23.8	44.0	23.3	16.8	28.07
Other Excluding Natural Gas	51	42	102	50	2,064	1,071	2,371	908	24.6	39.4	43.1	55.2	22.43
Buildings without Space Heating	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Primary Space-Heating Energy Source													
Electricity	16	27	87	40	419	694	2,898	1,416	39.1	39.4	30.0	28.3	23.99
Natural Gas	230	661	385	296	4,696	9,293	8,728	6,091	48.9	71.1	44.1	48.6	10.44
Fuel Oil	13	Q	Q	Q	1,166	Q	Q	Q	11.0	Q	Q	Q	30.30
District Heat	28	35	30	Q	685	785	378	Q	41.4	44.6	79.6	Q	30.34
Propane	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Cooling Energy Source													
Natural Gas	44	37	Q	19	387	354	Q	326	113.1	105.4	Q	56.9	28.48
Other Excluding Natural Gas	225	621	485	292	6,007	9,523	11,713	6,543	37.4	65.2	41.4	44.6	10.28
Buildings without Cooling	20	72	16	51	714	1,028	330	972	28.3	70.0	47.9	52.3	24.45
Water-Heating Energy Source													
Natural Gas	209	581	383	301	3,848	7,261	7,767	5,983	54.3	80.0	49.3	50.3	11.00
Other Excluding Natural Gas	75	116	109	55	3,120	2,936	3,718	1,650	24.0	39.4	29.2	33.6	15.34
Buildings without Water Heating	Q	33	23	Q	Q	709	806	Q	Q	47.2	28.7	Q	33.71
Cooking Energy Source													
Natural Gas	120	269	211	180	2,914	3,506	4,167	2,609	41.3	76.9	50.6	68.8	11.88
Other Excluding Natural Gas	52	65	26	27	675	735	710	653	76.5	88.0	36.8	41.3	23.48
Buildings without Cooking	117	396	277	155	3,519	6,664	7,415	4,579	33.2	59.4	37.4	33.8	12.28

See footnotes at end of table.

Table 22. Natural Gas Consumption and Conditional Energy Intensity by Census Region, 1995 (Continued)

Building Characteristics	Total Natural Gas Consumption (billion cubic feet)				Total Floorspace of Buildings Using Natural Gas (million square feet)				Natural Gas Energy Intensity (cubic feet/sq. ft.)				RSE Row Factor
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West	
RSE Column Factor:	**1.4**	**1.1**	**1.1**	**1.2**	**1.0**	**0.8**	**0.8**	**1.1**	**1.1**	**0.8**	**0.9**	**0.9**	
Percent of Floorspace Heated													
Not Heated	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
1 to 50	11	37	20	Q	616	958	1,221	920	18.3	38.6	16.5	Q	25.91
51 to 99	54	60	109	50	1,637	1,019	1,984	1,574	32.8	59.2	55.0	32.0	22.74
100	224	629	383	293	4,854	8,920	8,972	5,274	46.1	70.5	42.7	55.6	9.97
Annual Consumption (hundred cubic feet)													
1,000 or Less	4	5	15	11	847	343	1,392	1,289	4.9	13.5	10.5	8.2	22.25
1,001 to 5,000	35	112	82	54	1,651	3,116	3,725	2,275	21.4	35.8	22.1	23.9	13.13
5,001 to 10,000	25	80	60	36	1,003	1,340	1,673	861	25.3	59.5	35.8	42.0	15.85
10,001 to 25,000	45	124	87	80	1,052	1,995	2,509	1,489	43.1	62.1	34.9	53.6	15.90
25,001 to 50,000	42	93	77	37	786	1,511	1,162	595	54.0	61.8	66.4	61.6	15.85
50,001 to 100,000	29	111	79	28	756	986	813	444	38.9	112.4	97.0	63.3	28.06
Over 100,000	107	206	114	116	1,014	1,615	1,017	889	105.2	127.5	112.1	130.0	17.15
Gas Transported for the Account of Others													
Used in Building	Q	132	40	Q	Q	984	291	Q	Q	134.7	136.3	Q	22.89
Not Used in Building	235	598	475	290	6,676	9,922	12,000	7,424	35.2	60.2	39.6	39.0	9.96

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 23. Natural Gas Expenditures by Census Region, 1995

Building Characteristics	Total Natural Gas Expenditures (million dollars)				Natural Gas Expenditures (dollars) per Thousand Cubic Feet				Natural Gas Expenditures (dollars) per Square Foot				RSE Row Factor
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West	
RSE Column Factor:	2.0	1.5	1.6	1.6	0.7	0.5	0.5	0.5	1.4	1.0	1.1	1.1	
All Buildings	1,739	2,947	2,560	1,772	6.02	4.04	4.98	4.91	0.24	0.27	0.21	0.23	7.40
Building Floorspace (square feet)													
1,001 to 5,000	198	525	420	340	7.61	4.96	5.74	6.59	0.78	0.51	0.44	0.47	10.39
5,001 to 10,000	269	530	356	285	8.27	4.47	5.50	5.83	0.37	0.37	0.27	0.28	15.71
10,001 to 25,000	280	538	660	297	6.60	4.54	5.09	5.28	0.23	0.27	0.24	0.18	13.49
25,001 to 50,000	257	355	291	256	7.10	4.34	5.31	4.94	0.27	0.25	0.19	0.19	11.63
50,001 to 100,000	186	352	287	266	7.18	4.03	4.91	4.08	0.25	0.21	0.15	0.22	12.59
100,001 to 200,000	235	292	329	102	Q	3.24	4.34	4.47	0.28	0.21	0.19	0.14	17.75
200,001 to 500,000	190	203	141	194	4.10	2.94	3.88	3.63	0.20	0.18	0.13	0.26	17.43
Over 500,000	125	Q	76	32	4.12	2.56	3.57	2.83	Q	0.18	0.08	0.07	24.14
Principal Building Activity													
Education	300	358	198	262	6.10	3.83	4.59	4.94	0.20	0.23	0.13	0.23	12.22
Food Sales	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Food Service	Q	195	308	Q	Q	4.74	5.28	Q	Q	0.48	1.08	Q	18.67
Health Care	174	201	268	194	3.69	2.60	3.71	3.55	0.54	0.48	0.44	0.47	20.97
Lodging	Q	247	314	295	Q	3.73	5.23	4.88	Q	0.35	0.29	0.35	17.97
Mercantile and Service	339	825	635	179	8.03	4.46	5.15	5.26	0.22	0.28	0.21	0.16	16.70
Office	244	383	287	237	6.39	4.07	5.64	4.75	0.20	0.23	0.15	0.14	11.99
Public Assembly	135	206	207	127	Q	4.44	5.00	4.74	0.32	0.29	0.22	0.22	18.04
Public Order and Safety	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Religious Worship	47	108	52	96	7.69	4.62	5.67	5.56	0.15	0.21	0.09	0.16	14.75
Warehouse and Storage	151	197	168	Q	6.70	4.50	5.77	5.85	0.14	0.17	0.10	Q	12.22
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Vacant	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Year Constructed													
1919 or Before	142	291	95	128	6.76	4.36	6.24	4.42	0.22	0.24	0.21	0.39	15.73
1920 to 1945	214	408	217	128	5.71	4.15	5.18	4.72	0.24	0.23	0.18	0.17	17.13
1946 to 1959	393	663	385	355	6.12	3.98	5.10	4.79	0.31	0.36	0.19	0.27	14.36
1960 to 1969	293	530	496	431	6.88	3.97	4.61	5.31	0.23	0.28	0.20	0.27	14.40
1970 to 1979	304	442	602	347	4.89	3.86	4.52	4.79	0.27	0.23	0.23	0.20	14.58
1980 to 1989	262	422	474	239	6.81	3.98	5.41	4.95	0.18	0.27	0.17	0.16	12.30
1990 to 1992	Q	94	217	108	Q	4.47	5.63	5.05	Q	0.22	0.37	0.29	19.31
1993 to 1995	Q	96	Q	Q	Q	4.14	4.99	Q	Q	0.31	0.24	Q	24.84
Climate Zone: 45-Year Average													
Fewer than 2,000 CDD and --													
More than 7,000 HDD	Q	798	Q	148	Q	4.09	Q	3.96	Q	0.27	Q	0.39	14.94
5,500-7,000 HDD	932	1,676	Q	299	5.80	3.93	Q	3.47	0.29	0.28	Q	0.19	12.67
4,000-5,499 HDD	801	472	722	218	6.29	4.37	4.61	4.56	0.21	0.25	0.30	0.25	13.99
Fewer than 4,000 HDD	Q	Q	1,075	938	Q	Q	5.27	5.94	Q	Q	0.20	0.22	9.34
More than 2,000 CDD and --													
Fewer than 4,000 HDD	Q	Q	764	169	Q	Q	4.97	5.29	Q	Q	0.17	0.20	15.58
Workers (main shift)													
Fewer than 5	223	596	419	382	7.79	4.94	5.76	5.60	0.25	0.28	0.19	0.27	9.37
5 to 9	112	590	244	252	6.77	4.36	5.78	5.82	0.18	0.39	0.19	0.24	17.59
10 to 19	273	357	500	233	7.89	4.47	4.68	5.71	0.34	0.27	0.32	0.24	17.78
20 to 49	396	484	568	281	6.33	4.33	5.46	5.04	0.35	0.26	0.24	0.22	12.34
50 to 99	173	323	311	179	6.70	3.78	5.09	4.46	0.20	0.26	0.18	0.19	12.87
100 to 249	215	271	230	215	5.93	3.48	4.38	4.35	0.22	0.22	0.21	0.22	17.39
250 or More	347	327	287	230	4.11	2.74	3.85	3.61	0.19	0.20	0.14	0.19	16.29
Weekly Operating Hours													
39 or Fewer	79	183	127	110	7.26	4.77	5.76	5.87	0.23	0.21	0.16	0.17	14.28
40 to 48	325	703	441	321	6.89	4.29	5.59	4.89	0.26	0.27	0.15	0.18	11.69
49 to 60	235	535	438	258	7.04	4.30	5.25	4.99	0.16	0.27	0.15	0.15	12.60
61 to 84	323	537	279	271	6.93	4.27	5.46	5.59	0.22	0.23	0.15	0.20	12.72
85 to 167	315	349	309	241	6.25	4.42	5.04	5.30	0.32	0.30	0.29	0.33	18.98
Open Continuously	462	639	966	571	4.60	3.22	4.44	4.35	0.28	0.33	0.34	0.37	13.75

See footnotes at end of table.

Table 23. Natural Gas Expenditures by Census Region, 1995 (Continued)

Building Characteristics	Total Natural Gas Expenditures (million dollars)				Natural Gas Expenditures (dollars) per Thousand Cubic Feet				Natural Gas Expenditures (dollars) per Square Foot				RSE Row Factor
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West	
RSE Column Factor:	2.0	1.5	1.6	1.6	0.7	0.5	0.5	0.5	1.4	1.0	1.1	1.1	
Ownership and Occupancy													
Nongovernment Owned	1,369	2,303	2,055	1,337	6.19	4.19	5.18	5.04	0.25	0.27	0.21	0.22	7.77
Owner Occupied	1,071	1,925	1,781	1,048	5.99	4.09	5.14	4.84	0.25	0.27	0.23	0.22	8.79
Nonowner Occupied	296	347	270	288	7.03	4.83	5.40	5.92	0.26	0.24	0.13	0.19	11.11
Unoccupied	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Government Owned	369	644	505	435	5.47	3.56	4.31	4.53	0.22	0.29	0.22	0.26	13.00
Space in Building Vacant for at Least Three Consecutive Months													
Yes	301	563	516	385	5.39	3.78	4.56	4.81	0.15	0.21	0.17	0.19	12.74
No	1,438	2,383	2,045	1,388	6.17	4.10	5.10	4.93	0.28	0.29	0.22	0.24	8.04
Energy Sources (more than one may apply)													
Electricity	1,724	2,931	2,560	1,771	6.02	4.04	4.98	4.90	0.24	0.27	0.21	0.23	7.93
Natural Gas	1,739	2,947	2,560	1,772	6.02	4.04	4.98	4.91	0.24	0.27	0.21	0.23	7.40
Fuel Oil	571	500	657	372	4.86	3.06	4.02	3.82	0.19	0.23	0.26	0.23	15.85
District Heat	Q	121	Q	Q	Q	2.96	Q	Q	Q	0.14	Q	Q	41.99
District Chilled Water	Q	Q	102	Q	Q	2.81	3.50	Q	Q	0.18	0.23	Q	24.97
Propane	62	148	161	53	7.59	4.45	4.45	5.63	0.25	0.24	0.33	0.24	16.85
Other	Q	91	45	Q	Q	3.85	5.03	Q	Q	0.19	0.12	Q	26.82
Energy End Uses (more than one may apply)													
Buildings with Space Heating	1,739	2,931	2,546	1,756	6.02	4.04	4.97	4.89	0.24	0.27	0.21	0.23	7.43
Buildings with Cooling	1,588	2,614	2,475	1,512	5.91	3.97	4.96	4.87	0.25	0.26	0.21	0.22	7.83
Buildings with Water Heating	1,703	2,775	2,428	1,744	6.00	3.98	4.94	4.89	0.24	0.27	0.21	0.23	7.53
Buildings with Cooking	910	1,218	1,123	965	5.29	3.65	4.74	4.68	0.25	0.29	0.23	0.30	8.89
Buildings with Manufacturing	110	203	169	45	7.08	3.75	5.74	5.23	0.31	0.22	0.18	0.13	18.52
Buildings with Electricity Generation	563	567	657	459	5.00	3.13	4.29	4.00	0.20	0.24	0.20	0.23	12.00
Space-Heating Energy Source													
Natural Gas	1,457	2,781	2,013	1,518	6.12	4.07	4.91	4.91	0.29	0.28	0.21	0.22	7.82
Natural Gas Main	1,407	2,694	1,889	1,447	6.13	4.08	4.91	4.89	0.30	0.29	0.22	0.24	7.89
Natural Gas Secondary	50	87	124	71	6.06	Q	4.94	5.52	0.14	0.16	0.12	0.09	20.72
Other Excluding Natural Gas	282	150	532	238	5.54	3.54	5.21	4.75	0.14	0.14	0.22	0.26	18.53
Buildings without Space Heating	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Primary Space-Heating Energy Source													
Electricity	118	116	519	225	7.18	Q	5.97	5.61	0.28	0.17	0.18	0.16	16.00
Natural Gas	1,407	2,694	1,889	1,447	6.13	4.08	4.91	4.89	0.30	0.29	0.22	0.24	7.89
Fuel Oil	95	Q	Q	Q	7.42	Q	Q	Q	0.08	Q	Q	Q	18.67
District Heat	108	106	107	Q	3.80	3.01	3.56	Q	0.16	0.13	0.28	Q	22.98
Propane	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Cooling Energy Source													
Natural Gas	191	122	Q	93	4.37	3.26	Q	5.00	0.49	0.34	Q	0.28	17.85
Other Excluding Natural Gas	1,397	2,492	2,419	1,419	6.21	4.01	4.99	4.86	0.23	0.26	0.21	0.22	8.15
Buildings without Cooling	151	333	85	260	7.46	4.62	5.37	5.12	0.21	0.32	Q	0.27	14.65
Water-Heating Energy Source													
Natural Gas	1,253	2,278	1,844	1,473	6.00	3.92	4.82	4.89	0.33	0.31	0.24	0.25	8.71
Other Excluding Natural Gas	450	498	583	271	6.00	4.30	5.37	4.89	0.14	0.17	0.16	0.16	10.89
Buildings without Water Heating	Q	171	133	Q	Q	5.12	5.75	Q	Q	0.24	0.16	Q	16.91
Cooking Energy Source													
Natural Gas	674	996	994	830	5.60	3.70	4.72	4.62	0.23	0.28	0.24	0.32	9.80
Other Excluding Natural Gas	236	222	128	135	4.57	3.43	4.91	5.03	0.35	0.30	0.18	0.21	20.01
Buildings without Cooking	829	1,728	1,438	807	7.09	4.37	5.18	5.21	0.24	0.26	0.19	0.18	9.62

See footnotes at end of table.

Table 23. Natural Gas Expenditures by Census Region, 1995 (Continued)

Building Characteristics	Total Natural Gas Expenditures (million dollars)				Natural Gas Expenditures (dollars) per Thousand Cubic Feet				Natural Gas Expenditures (dollars) per Square Foot				RSE Row Factor
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West	
RSE Column Factor:	**2.0**	**1.5**	**1.6**	**1.6**	**0.7**	**0.5**	**0.5**	**0.5**	**1.4**	**1.0**	**1.1**	**1.1**	
Percent of Floorspace Heated													
Not Heated	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
1 to 50	75	178	121	94	6.67	4.82	6.01	6.09	0.12	0.19	0.10	0.10	18.17
51 to 99	413	276	506	266	7.69	4.58	4.64	5.28	0.25	0.27	0.25	0.17	17.82
100	1,251	2,476	1,919	1,396	5.59	3.94	5.01	4.76	0.26	0.28	0.21	0.26	7.65
Annual Consumption (hundred cubic feet)													
1,000 or Less	43	29	106	93	10.27	6.32	7.26	8.81	0.05	0.09	0.08	0.07	14.50
1,001 to 5,000	270	576	486	344	7.65	5.16	5.89	6.33	0.16	0.18	0.13	0.15	8.18
5,001 to 10,000	174	369	320	209	6.86	4.63	5.33	5.77	0.17	0.28	0.19	0.24	9.97
10,001 to 25,000	352	565	488	436	7.75	4.56	5.59	5.47	0.33	0.28	0.19	0.29	11.62
25,001 to 50,000	292	409	411	172	6.87	4.38	5.33	4.68	0.37	0.27	0.35	0.29	10.79
50,001 to 100,000	190	419	334	119	6.48	3.78	4.23	4.24	0.25	0.42	0.41	0.27	19.10
Over 100,000	418	579	416	399	3.91	2.81	3.65	3.45	0.41	0.36	0.41	0.45	17.64
Gas Transported for the Account of Others													
Used in Building	Q	381	126	Q	Q	2.88	3.17	Q	Q	0.39	0.43	Q	32.76
Not Used in Building	1,552	2,565	2,435	1,510	6.60	4.29	5.13	5.21	0.23	0.26	0.20	0.20	7.32

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 24. Natural Gas Consumption and Conditional Energy Intensity by Building Size, 1995

Building Characteristics	Total Natural Gas Consumption (billion cubic feet)			Total Floorspace of Buildings Using Natural Gas (million square feet)			Natural Gas Energy Intensity (cubic feet/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	
RSE Column Factor:	1.4	1.0	1.2	1.1	0.8	0.9	1.1	0.8	0.9	
All Buildings	521	808	565	7,440	18,410	12,296	70.0	43.9	46.0	7.79
Principal Building Activity										
Education	26	143	70	411	3,424	1,965	62.1	41.9	35.5	15.90
Food Sales	6	Q	Q	188	Q	Q	33.0	Q	Q	19.79
Food Service	126	27	Q	698	296	Q	180.0	91.4	Q	23.98
Health Care	Q	26	207	Q	296	1,328	Q	86.7	156.1	19.44
Lodging	22	108	77	259	1,444	1,125	85.9	74.8	68.2	19.44
Mercantile and Service	182	170	33	2,559	3,696	2,265	71.1	45.9	14.6	20.95
Office	51	113	69	1,216	2,943	2,362	42.0	38.5	29.0	13.43
Public Assembly	37	67	34	699	1,325	638	53.6	50.4	53.2	22.15
Public Order and Safety	Q	21	Q	Q	522	Q	Q	40.7	Q	26.65
Religious Worship	24	31	Q	531	1,437	Q	45.7	21.9	Q	19.78
Warehouse and Storage	14	56	33	432	2,189	1,973	31.6	25.5	16.9	18.42
Other	Q	23	Q	Q	370	Q	Q	61.5	Q	47.82
Vacant	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Year Constructed										
1919 or Before	56	50	Q	868	1,337	Q	64.9	37.3	Q	16.54
1920 to 1945	64	89	51	1,158	2,057	1,344	55.5	43.5	37.9	18.24
1946 to 1959	143	156	82	1,690	3,325	1,455	84.4	46.9	56.3	18.79
1960 to 1969	85	152	128	1,049	3,557	2,565	80.8	42.6	50.1	14.55
1970 to 1979	75	160	147	1,244	3,182	2,949	60.5	50.4	49.8	16.23
1980 to 1989	55	138	87	976	3,610	2,595	56.0	38.4	33.6	12.80
1990 to 1992	38	31	28	379	681	599	100.9	45.7	47.4	32.33
1993 to 1995	Q	32	16	Q	660	352	Q	47.9	46.0	24.47
Census Region and Division										
Northeast	58	104	126	975	2,923	3,210	60.0	35.7	39.2	15.18
New England	Q	32	35	Q	756	634	Q	42.1	55.7	32.25
Middle Atlantic	54	73	91	932	2,167	2,575	58.0	33.5	35.2	15.28
Midwest	224	288	218	2,442	5,089	3,374	91.8	56.5	64.7	11.69
East North Central	134	211	147	1,662	3,493	2,397	80.6	60.5	61.3	11.85
West North Central	Q	76	71	780	1,596	977	115.8	47.8	73.0	20.81
South	138	243	133	2,277	6,215	3,799	60.5	39.1	35.1	13.84
South Atlantic	47	78	67	628	2,227	1,947	75.5	34.9	34.2	19.52
East South Central	40	94	26	659	1,784	721	60.5	52.9	35.4	31.49
West South Central	51	71	41	990	2,204	1,132	51.0	32.3	36.5	17.23
West	101	173	88	1,746	4,183	1,913	57.6	41.4	45.8	14.12
Mountain	32	88	26	632	1,528	464	50.6	57.6	55.3	24.87
Pacific	69	85	62	1,114	2,654	1,449	61.5	32.1	42.7	17.82
Climate Zone: 45-Year Average										
Fewer than 2,000 CDD and --										
More than 7,000 HDD	60	108	66	759	1,917	723	78.8	56.1	91.3	20.68
5,500-7,000 HDD	171	280	223	1,853	5,076	3,826	92.3	55.2	58.2	13.21
4,000-5,499 HDD	128	179	133	1,729	3,586	3,779	74.0	49.9	35.3	16.01
Fewer than 4,000 HDD	100	160	102	1,823	5,280	2,495	54.6	30.3	40.9	15.10
More than 2,000 CDD and --										
Fewer than 4,000 HDD	63	82	41	1,276	2,551	1,472	49.1	32.1	28.0	19.33
Workers (main shift)										
Fewer than 5	208	82	Q	3,865	2,575	Q	53.7	31.7	Q	11.31
5 to 9	144	92	Q	1,821	2,489	Q	78.9	36.8	Q	20.21
10 to 19	104	147	11	1,178	2,981	537	88.7	49.2	20.8	24.95
20 to 49	62	235	38	532	5,223	872	116.2	44.9	43.3	18.81
50 to 99	Q	130	80	Q	2,797	1,933	Q	46.4	41.3	13.62
100 to 249	Q	108	107	Q	1,822	2,451	Q	59.1	43.8	16.93
250 or More	Q	16	326	Q	523	6,188	Q	31.0	52.7	14.70

See footnotes at end of table.

Table 24. Natural Gas Consumption and Conditional Energy Intensity by Building Size, 1995 (Continued)

Building Characteristics	Total Natural Gas Consumption (billion cubic feet)			Total Floorspace of Buildings Using Natural Gas (million square feet)			Natural Gas Energy Intensity (cubic feet/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	
RSE Column Factor:	1.4	1.0	1.2	1.1	0.8	0.9	1.1	0.8	0.9	
Weekly Operating Hours										
39 or Fewer	53	34	Q	1,251	1,261	Q	42.3	26.6	Q	17.18
40 to 48	138	179	39	2,130	4,814	1,598	64.6	37.2	24.2	16.44
49 to 60	83	149	62	1,737	4,439	1,826	47.6	33.5	33.7	13.45
61 to 84	88	120	64	1,192	3,037	2,818	74.0	39.6	22.6	13.80
85 to 167	98	91	47	590	1,904	1,472	166.3	47.8	32.1	19.84
Open Continuously	61	236	351	540	2,955	4,436	113.8	79.7	79.0	15.04
Ownership and Occupancy										
Nongovernment Owned	422	606	405	6,625	14,669	8,962	63.7	41.3	45.2	7.95
Owner Occupied	338	506	368	5,352	11,267	7,337	63.1	44.9	50.2	8.83
Nonowner Occupied	80	99	34	1,145	3,372	1,560	69.8	29.3	21.6	16.21
Unoccupied	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Government Owned	99	202	160	815	3,740	3,334	121.2	54.1	48.1	15.39
Space in Building Vacant for at Least Three Consecutive Months										
Yes	52	185	161	969	3,946	4,810	53.4	47.0	33.4	16.72
No	469	623	404	6,471	14,464	7,486	72.5	43.1	54.0	8.19
Energy Sources (more than one may apply)										
Electricity	521	805	561	7,436	18,374	12,199	70.0	43.8	46.0	8.22
Natural Gas	521	808	565	7,440	18,410	12,296	70.0	43.9	46.0	7.79
Fuel Oil	13	166	362	181	2,812	6,269	74.3	59.0	57.7	18.05
District Heat	Q	Q	109	Q	Q	1,698	Q	Q	64.5	29.99
District Chilled Water	Q	24	74	Q	395	879	Q	60.0	84.6	25.56
Propane	33	37	18	361	752	452	91.3	48.7	39.2	23.25
Other	13	25	25	210	856	419	59.8	29.3	58.9	32.41
Energy End Uses (more than one may apply)										
Buildings with Space Heating	516	806	565	7,359	18,353	12,238	70.0	43.9	46.2	7.83
Buildings with Cooling	435	745	556	6,253	16,907	11,940	69.5	44.1	46.6	8.38
Buildings with Water Heating	473	792	563	6,419	17,686	12,179	73.7	44.8	46.3	8.10
Buildings with Cooking	177	324	449	1,448	6,250	8,271	122.2	51.8	54.3	9.56
Buildings with Manufacturing	12	57	39	180	1,413	949	66.0	40.2	41.3	21.12
Buildings with Electricity Generation	30	166	366	268	3,027	7,037	110.8	54.9	52.0	14.38
Space-Heating Energy Source										
Natural Gas	458	715	468	6,758	15,563	9,214	67.8	46.0	50.7	8.40
Natural Gas Main	453	685	433	6,583	14,121	8,103	68.8	48.5	53.4	8.74
Natural Gas Secondary	5	30	34	175	1,442	1,111	29.2	21.0	31.0	24.69
Other Excluding Natural Gas	57	91	97	601	2,790	3,023	95.5	32.5	32.2	19.29
Buildings without Space Heating	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Primary Space-Heating Energy Source										
Electricity	56	78	37	594	2,775	2,059	94.5	28.0	18.1	21.83
Natural Gas	453	685	433	6,583	14,121	8,103	68.8	48.5	53.4	8.74
Fuel Oil	Q	Q	Q	Q	791	Q	Q	Q	Q	38.04
District Heat	Q	30	84	Q	543	1,433	Q	56.0	58.3	23.10
Propane	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Cooling Energy Source										
Natural Gas	Q	28	70	Q	564	588	Q	50.3	119.8	26.23
Other Excluding Natural Gas	420	716	486	6,090	16,344	11,352	69.0	43.8	42.8	8.67
Buildings without Cooling	86	64	Q	1,187	1,502	Q	72.7	42.3	Q	17.26

See footnotes at end of table.

Table 24. Natural Gas Consumption and Conditional Energy Intensity by Building Size, 1995 (Continued)

Building Characteristics	Total Natural Gas Consumption (billion cubic feet)			Total Floorspace of Buildings Using Natural Gas (million square feet)			Natural Gas Energy Intensity (cubic feet/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	
RSE Column Factor:	**1.4**	**1.0**	**1.2**	**1.1**	**0.8**	**0.9**	**1.1**	**0.8**	**0.9**	
Water-Heating Energy Source										
Natural Gas	385	638	451	4,648	12,638	7,574	82.8	50.5	59.5	9.49
Other Excluding Natural Gas	88	154	113	1,772	5,047	4,605	49.8	30.5	24.5	12.41
Buildings without Water Heating	48	16	Q	1,021	724	Q	47.0	22.6	Q	25.90
Cooking Energy Source										
Natural Gas	162	262	355	1,257	4,817	7,121	129.2	54.5	49.9	10.42
Other Excluding Natural Gas	15	61	94	190	1,433	1,149	76.1	42.8	81.4	19.89
Buildings without Cooking	344	485	116	5,992	12,160	4,025	57.4	39.9	28.9	10.86
Percent of Floorspace Heated										
Not Heated	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
1 to 50	41	35	8	799	1,828	1,089	51.1	19.3	7.2	22.98
51 to 99	81	129	64	1,390	2,602	2,221	58.3	49.5	28.6	20.45
100	394	642	493	5,170	13,923	8,927	76.1	46.1	55.3	7.99
Annual Consumption (hundred cubic feet)										
1,000 or Less	30	4	(*)	1,952	1,614	305	15.4	2.4	0.2	18.75
1,001 to 5,000	206	76	1	4,132	5,513	1,122	49.9	13.8	1.3	11.03
5,001 to 10,000	96	103	2	732	3,313	832	131.1	31.1	2.9	14.00
10,001 to 25,000	105	218	13	474	4,556	2,015	222.0	47.9	6.6	12.25
25,001 to 50,000	Q	168	36	Q	2,156	1,810	Q	77.8	19.7	10.15
50,001 to 100,000	Q	146	66	Q	858	2,078	Q	170.4	31.6	15.56
Over 100,000	Q	93	447	Q	400	4,134	Q	233.7	108.1	15.37
Gas Transported for the Account of Others										
Used in Building	Q	74	213	Q	509	1,566	Q	145.0	136.0	23.79
Not Used in Building	511	735	352	7,392	17,901	10,729	69.1	41.0	32.8	8.28

(*) = 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 25. Natural Gas Consumption and Conditional Energy Intensity by Year Constructed, 1995

Building Characteristics	Total Natural Gas Consumption (billion cubic feet)			Total Floorspace of Buildings Using Natural Gas (million square feet)			Natural Gas Energy Intensity (cubic feet/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	
RSE Column Factor:	1.1	0.8	2.0	0.9	0.6	1.3	0.8	0.7	1.6	
All Buildings	717	1,027	150	13,673	21,726	2,747	52.4	47.3	54.7	9.25
Building Floorspace (square feet)										
1,001 to 5,000	126	100	31	1,476	1,318	149	85.2	75.8	208.0	19.16
5,001 to 10,000	138	115	12	2,241	1,951	305	61.4	58.9	38.9	22.31
10,001 to 25,000	130	205	11	3,135	4,158	267	41.5	49.4	42.5	20.11
25,001 to 50,000	72	131	22	1,698	3,076	467	42.4	42.5	46.6	13.28
50,001 to 100,000	93	114	30	1,886	3,115	606	49.5	36.6	48.7	16.39
100,001 to 200,000	72	144	Q	1,484	2,767	Q	48.7	52.2	Q	20.44
200,001 to 500,000	54	137	15	1,159	2,554	228	46.4	53.5	64.2	21.01
Over 500,000	32	81	9	593	2,787	332	54.5	29.1	25.8	23.20
Principal Building Activity										
Education	123	102	13	2,905	2,616	279	42.4	39.2	46.2	16.68
Food Sales	Q	Q	Q	Q	222	Q	Q	43.6	Q	59.38
Food Service	53	73	Q	412	497	Q	128.9	146.2	Q	27.18
Health Care	55	185	Q	339	1,300	Q	162.0	142.0	Q	23.17
Lodging	64	128	15	727	1,859	242	87.8	68.9	62.0	19.58
Mercantile and Service	168	187	29	2,777	5,043	700	60.6	37.1	41.8	23.28
Office	93	126	14	2,163	3,879	480	42.9	32.6	28.8	15.11
Public Assembly	61	61	16	1,199	1,200	263	51.3	50.9	59.4	22.70
Public Order and Safety	Q	18	Q	Q	457	Q	Q	38.5	Q	37.41
Religious Worship	26	28	Q	883	1,042	Q	29.1	26.7	Q	23.47
Warehouse and Storage	26	68	9	1,434	2,891	270	17.8	23.5	35.0	19.41
Other	Q	33	Q	Q	456	Q	Q	73.2	Q	50.45
Vacant	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Census Region and Division										
Northeast	123	143	23	2,825	3,796	486	43.4	37.7	47.2	20.04
New England	28	41	Q	505	854	Q	55.3	47.9	Q	40.99
Middle Atlantic	95	102	Q	2,320	2,943	412	40.8	34.7	49.1	22.41
Midwest	332	354	44	4,798	5,375	733	69.1	65.9	60.3	13.91
East North Central	217	239	36	3,562	3,443	548	60.8	69.5	65.9	14.23
West North Central	115	115	Q	1,236	1,932	Q	93.1	59.4	Q	28.66
South	133	328	54	3,654	7,746	891	36.3	42.4	60.1	14.67
South Atlantic	53	119	Q	1,397	3,027	379	38.1	39.2	Q	20.76
East South Central	30	124	6	726	2,262	175	40.6	54.9	34.6	19.95
West South Central	50	86	28	1,531	2,457	337	32.5	34.8	81.6	13.80
West	130	202	29	2,396	4,809	636	54.3	41.9	46.3	16.73
Mountain	71	65	Q	1,139	1,267	Q	62.5	51.6	41.2	25.62
Pacific	59	136	20	1,257	3,541	419	46.8	38.5	48.9	19.23
Climate Zone: 45-Year Average										
Fewer than 2,000 CDD and --										
More than 7,000 HDD	78	136	Q	1,127	2,015	Q	68.7	67.5	Q	21.01
5,500-7,000 HDD	323	310	41	4,752	5,287	715	67.9	58.6	57.5	15.04
4,000-5,499 HDD	165	244	31	3,561	4,838	695	46.4	50.4	44.4	20.88
Fewer than 4,000 HDD	100	231	31	2,557	6,259	782	39.0	36.9	39.5	12.82
More than 2,000 CDD and --										
Fewer than 4,000 HDD	52	107	27	1,676	3,327	297	30.8	32.1	92.1	20.76
Workers (main shift)										
Fewer than 5	159	121	10	3,430	2,775	376	46.4	43.5	27.7	15.11
5 to 9	133	96	Q	2,231	2,123	129	59.6	45.2	64.0	23.83
10 to 19	66	174	22	1,644	2,760	292	40.2	63.0	77.1	21.08
20 to 49	149	147	39	2,416	3,641	570	61.5	40.3	68.0	15.51
50 to 99	58	134	20	1,399	2,899	464	41.2	46.3	43.8	15.64
100 to 249	69	120	28	1,361	2,483	442	50.4	48.2	62.8	20.77
250 or More	84	236	22	1,193	5,045	473	70.5	46.8	46.9	18.35

See footnotes at end of table.

Table 25. Natural Gas Consumption and Conditional Energy Intensity by Year Constructed, 1995 (Continued)

Building Characteristics	Total Natural Gas Consumption (billion cubic feet)			Total Floorspace of Buildings Using Natural Gas (million square feet)			Natural Gas Energy Intensity (cubic feet/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	
RSE Column Factor:	1.1	0.8	2.0	0.9	0.6	1.3	0.8	0.7	1.6	
Weekly Operating Hours										
39 or Fewer	56	31	Q	1,438	1,108	Q	38.9	27.9	Q	22.13
40 to 48	200	136	20	4,237	3,839	465	47.1	35.3	43.3	15.82
49 to 60	115	158	19	2,902	4,465	636	39.8	35.5	30.4	15.19
61 to 84	102	147	22	2,068	4,566	414	49.6	32.3	53.4	15.94
85 to 167	86	121	Q	1,105	2,481	380	77.4	48.7	78.9	22.06
Open Continuously	158	434	56	1,922	5,267	742	82.2	82.4	74.8	16.46
Ownership and Occupancy										
Nongovernment Owned	477	831	125	10,278	17,773	2,205	46.4	46.7	56.6	9.85
Owner Occupied	409	690	113	8,586	13,576	1,794	47.7	50.8	62.8	10.66
Nonowner Occupied	64	137	12	1,567	4,099	411	40.6	33.4	29.8	16.95
Unoccupied	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Government Owned	240	196	25	3,395	3,953	541	70.6	49.7	46.8	15.20
Space in Building Vacant for at Least Three Consecutive Months										
Yes	138	239	21	2,859	6,241	624	48.3	38.3	33.4	15.67
No	579	788	129	10,813	15,485	2,123	53.5	50.9	60.9	9.69
Energy Sources (more than one may apply)										
Electricity	713	1,024	149	13,605	21,679	2,724	52.4	47.3	54.9	9.59
Natural Gas	717	1,027	150	13,673	21,726	2,747	52.4	47.3	54.7	9.25
Fuel Oil	133	362	Q	2,565	5,981	716	52.0	60.6	63.4	18.98
District Heat	Q	81	Q	Q	1,151	Q	Q	70.2	Q	45.06
District Chilled Water	40	53	Q	439	725	Q	91.6	73.7	Q	29.82
Propane	20	58	Q	423	985	Q	48.4	58.6	Q	27.91
Other	17	41	Q	583	804	Q	28.9	50.7	Q	34.20
Energy End Uses (more than one may apply)										
Buildings with Space Heating	712	1,024	150	13,601	21,612	2,736	52.3	47.4	54.9	9.29
Buildings with Cooling	616	973	147	11,824	20,602	2,674	52.1	47.2	55.1	9.85
Buildings with Water Heating	686	997	146	12,808	20,904	2,573	53.6	47.7	56.6	9.49
Buildings with Cooking	316	546	88	5,104	9,543	1,321	61.8	57.2	66.7	10.87
Buildings with Manufacturing	45	56	Q	973	1,388	Q	45.9	40.6	Q	23.72
Buildings with Electricity Generation	139	371	52	2,014	7,344	974	69.2	50.5	53.0	16.19
Space-Heating Energy Source										
Natural Gas	633	886	122	11,569	17,715	2,252	54.7	50.0	54.2	10.02
Natural Gas Main	618	838	116	10,807	15,933	2,068	57.2	52.6	56.0	10.37
Natural Gas Secondary	15	48	6	762	1,781	185	20.1	27.1	33.5	25.67
Other Excluding Natural Gas	79	138	28	2,033	3,898	484	38.8	35.5	58.1	19.98
Buildings without Space Heating	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Primary Space-Heating Energy Source										
Electricity	34	110	27	911	4,022	494	37.7	27.3	54.7	22.88
Natural Gas	618	838	116	10,807	15,933	2,068	57.2	52.6	56.0	10.37
Fuel Oil	12	Q	Q	817	Q	Q	Q	Q	Q	33.96
District Heat	45	64	Q	919	987	Q	49.1	64.7	Q	29.51
Propane	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Cooling Energy Source										
Natural Gas	34	72	Q	438	762	Q	76.9	93.9	Q	32.40
Other Excluding Natural Gas	582	901	139	11,386	19,840	2,560	51.1	45.4	54.5	10.15
Buildings without Cooling	101	55	Q	1,848	1,124	Q	54.8	48.6	Q	21.30

See footnotes at end of table.

Table 25. Natural Gas Consumption and Conditional Energy Intensity by Year Constructed, 1995 (Continued)

Building Characteristics	Total Natural Gas Consumption (billion cubic feet)			Total Floorspace of Buildings Using Natural Gas (million square feet)			Natural Gas Energy Intensity (cubic feet/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	
RSE Column Factor:	1.1	0.8	2.0	0.9	0.6	1.3	0.8	0.7	1.6	
Water-Heating Energy Source										
Natural Gas	561	797	115	9,196	13,951	1,712	61.0	57.2	67.1	10.96
Other Excluding Natural Gas	125	199	31	3,612	6,952	860	34.6	28.7	35.7	14.18
Buildings without Water Heating	31	31	Q	865	822	Q	35.6	37.2	Q	35.17
Cooking Energy Source										
Natural Gas	246	460	75	4,151	7,938	1,106	59.2	57.9	67.6	12.32
Other Excluding Natural Gas	70	86	Q	953	1,606	Q	73.2	53.7	Q	22.83
Buildings without Cooking	401	481	62	8,569	12,182	1,426	46.9	39.5	43.5	12.77
Percent of Floorspace Heated										
Not Heated	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
1 to 50	35	45	Q	1,601	1,973	Q	22.0	22.6	Q	26.64
51 to 99	86	160	28	2,206	3,529	479	39.0	45.2	58.0	22.18
100	591	820	118	9,795	16,111	2,115	60.3	50.9	56.0	9.76
Annual Consumption (hundred cubic feet)										
1,000 or Less	16	18	Q	1,595	2,179	Q	9.8	8.1	Q	19.74
1,001 to 5,000	144	127	13	4,776	5,320	671	30.1	23.8	20.1	11.92
5,001 to 10,000	76	116	9	1,699	2,919	258	44.7	39.8	35.2	16.69
10,001 to 25,000	144	156	37	2,374	4,050	622	60.5	38.6	59.0	14.38
25,001 to 50,000	68	152	29	1,120	2,555	377	60.9	59.5	77.4	15.35
50,001 to 100,000	97	129	21	920	1,771	307	105.9	72.7	68.4	27.40
Over 100,000	172	330	Q	1,188	2,932	415	145.1	112.5	Q	18.67
Gas Transported for the Account of Others										
Used in Building	105	159	Q	774	1,156	Q	135.4	137.9	Q	28.07
Not Used in Building	612	868	117	12,898	20,570	2,554	47.5	42.2	45.9	9.36

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 26. Total Fuel Oil Consumption and Expenditures, 1995

Building Characteristics	All Buildings Using Fuel Oil			Fuel Oil Consumption		Fuel Oil Expenditures	RSE Row Factor
	Number of Buildings (thousand)	Floorspace (million square feet)	Floorspace per Building (thousand square feet)	Total (trillion Btu)	Total (million gallons)	Total (million dollars)	
RSE Column Factor:	1.2	0.7	0.8	1.2	1.2	1.2	
All Buildings	607	14,421	24	235	1,686	1,175	10.72
Building Floorspace (square feet)							
1,001 to 5,000	333	946	3	44	320	275	15.85
5,001 to 10,000	96	679	7	26	191	153	24.39
10,001 to 25,000	92	1,425	15	45	323	239	23.58
25,001 to 50,000	31	1,164	38	28	201	129	11.70
50,001 to 100,000	28	1,968	71	31	223	140	12.94
100,001 to 200,000	14	2,096	145	21	153	88	12.72
200,001 to 500,000	10	2,928	298	25	176	97	16.51
Over 500,000	4	3,215	902	14	99	56	14.27
Principal Building Activity							
Education	37	2,348	63	57	408	249	23.48
Food Sales	Q	Q	Q	Q	Q	Q	99.99
Food Service	Q	Q	Q	Q	Q	Q	99.99
Health Care	18	1,576	87	21	152	94	24.00
Lodging	9	847	97	Q	Q	Q	25.74
Mercantile and Service	223	2,550	11	49	354	265	25.56
Office	97	3,554	37	28	204	154	21.37
Public Assembly	54	1,050	20	14	99	75	26.87
Public Order and Safety	Q	493	Q	Q	Q	Q	49.52
Religious Worship	42	441	11	13	90	69	20.53
Warehouse and Storage	Q	810	21	10	73	56	34.74
Other	7	375	53	Q	Q	Q	40.12
Vacant	Q	244	Q	5	38	25	27.38
Year Constructed							
1919 or Before	70	1,085	16	26	187	127	23.30
1920 to 1945	81	1,241	15	40	286	192	24.56
1946 to 1959	142	1,997	14	54	390	294	23.06
1960 to 1969	120	2,871	24	53	382	259	20.98
1970 to 1979	60	2,936	49	28	203	134	19.18
1980 to 1989	98	3,112	32	23	162	118	24.07
1990 to 1992	Q	607	Q	2	16	11	33.83
1993 to 1995	Q	572	24	8	59	39	35.61
Census Region and Division							
Northeast	282	5,423	19	168	1,200	818	11.97
New England	106	2,002	19	79	567	374	17.84
Middle Atlantic	176	3,421	19	88	633	444	14.43
Midwest	96	2,681	28	16	114	84	32.42
East North Central	Q	1,701	28	Q	Q	Q	44.95
West North Central	36	980	27	4	30	Q	38.55
South	196	4,175	21	45	324	240	25.68
South Atlantic	126	2,742	22	37	268	196	30.17
East South Central	Q	724	16	Q	Q	Q	39.74
West South Central	24	709	30	Q	Q	Q	19.74
West	33	2,142	64	7	47	34	32.50
Mountain	Q	419	39	Q	Q	Q	31.24
Pacific	23	1,722	76	Q	Q	Q	41.62
Climate Zone: 45-Year Average							
Fewer than 2,000 CDD and --							
More than 7,000 HDD	110	1,798	16	51	366	241	21.65
5,500-7,000 HDD	149	3,724	25	69	498	349	17.22
4,000-5,499 HDD	259	5,250	20	101	724	511	19.48
Fewer than 4,000 HDD	52	2,343	45	Q	Q	Q	34.67
More than 2,000 CDD and --							
Fewer than 4,000 HDD	38	1,307	35	5	35	Q	30.37

See footnotes at end of table.

Table 26. Total Fuel Oil Consumption and Expenditures, 1995 (Continued)

Building Characteristics	All Buildings Using Fuel Oil			Fuel Oil Consumption		Fuel Oil Expenditures	RSE Row Factor
	Number of Buildings (thousand)	Floorspace (million square feet)	Floorspace per Building (thousand square feet)	Total (trillion Btu)	Total (million gallons)	Total (million dollars)	
RSE Column Factor:	1.2	0.7	0.8	1.2	1.2	1.2	
Workers (main shift)							
Fewer than 5	324	1,674	5	59	425	338	18.81
5 to 9	79	791	10	22	157	129	33.75
10 to 19	94	872	9	33	236	179	26.87
20 to 49	52	1,436	28	38	270	181	17.96
50 to 99	21	1,652	77	28	201	114	15.05
100 to 249	19	2,210	114	28	197	117	18.78
250 or More	18	5,787	319	28	199	117	13.63
Weekly Operating Hours							
39 or Fewer	116	710	6	20	146	112	31.10
40 to 48	162	1,953	12	42	302	226	20.34
49 to 60	138	2,790	20	58	419	300	22.61
61 to 84	68	2,785	41	37	269	184	22.47
85 to 167	44	1,502	34	24	171	107	22.34
Open Continuously	80	4,682	58	53	379	245	17.53
Ownership and Occupancy							
Nongovernment Owned	509	10,617	21	166	1,189	863	13.10
Owner Occupied	453	9,485	21	150	1,072	781	12.96
Nonowner Occupied	54	1,101	20	15	111	78	32.37
Unoccupied	Q	Q	Q	Q	Q	Q	99.99
Government Owned	98	3,805	39	69	496	312	14.91
Space in Building Vacant for at Least Three Consecutive Months							
Yes	88	4,661	53	32	233	159	18.06
No	519	9,760	19	203	1,453	1,017	11.25
Energy Sources (more than one may apply)							
Electricity	595	14,345	24	234	1,677	1,167	11.47
Natural Gas	155	9,262	60	86	616	396	14.23
Fuel Oil	607	14,421	24	235	1,686	1,175	10.72
District Heat	20	2,174	110	9	62	38	28.73
District Chilled Water	Q	1,076	85	2	16	11	35.70
Propane	144	1,675	12	65	464	323	14.31
Other	64	797	13	13	95	70	32.22
Energy End Uses (more than one may apply)							
Buildings with Space Heating	607	14,236	23	234	1,677	1,167	10.78
Buildings with Cooling	388	12,904	33	179	1,283	876	13.61
Buildings with Water Heating	504	13,959	28	222	1,588	1,096	10.62
Buildings with Cooking	122	8,018	66	105	749	481	15.08
Buildings with Manufacturing	17	718	Q	15	106	65	34.15
Buildings with Electricity Generation	138	9,576	70	81	579	369	16.62
Space-Heating Energy Source							
Fuel Oil	504	6,606	13	220	1,576	1,096	12.18
Fuel Oil Main	439	4,207	10	196	1,408	983	12.75
Fuel Oil Secondary	65	2,398	37	23	168	113	26.64
Other Excluding Fuel Oil	103	7,630	74	14	101	71	16.29
Buildings without Space Heating	Q	Q	Q	Q	Q	Q	99.99
Primary Space-Heating Energy Source							
Electricity	38	2,238	59	10	68	47	33.68
Natural Gas	83	5,479	66	15	108	73	17.93
Fuel Oil	439	4,207	10	196	1,408	983	12.75
District Heat	19	1,892	101	7	49	30	32.99
Propane	Q	Q	Q	Q	Q	Q	99.99
Other	Q	Q	Q	Q	Q	Q	99.99

See footnotes at end of table.

Table 26. Total Fuel Oil Consumption and Expenditures, 1995 (Continued)

Building Characteristics	All Buildings Using Fuel Oil			Fuel Oil Consumption		Fuel Oil Expenditures	RSE Row Factor
	Number of Buildings (thousand)	Floorspace (million square feet)	Floorspace per Building (thousand square feet)	Total (trillion Btu)	Total (million gallons)	Total (million dollars)	
RSE Column Factor:	1.2	0.7	0.8	1.2	1.2	1.2	
Cooling Energy Source							
Fuel Oil	Q	Q	Q	Q	Q	Q	Q
Other Excluding Fuel Oil	381	12,793	34	177	1,265	862	13.76
Buildings without Cooling	219	1,517	7	56	403	299	18.63
Water-Heating Energy Source							
Fuel Oil	120	2,151	18	112	802	534	17.83
Other Excluding Fuel Oil	384	11,809	31	109	785	562	12.05
Buildings without Water Heating	103	462	4	14	98	79	36.98
Cooking Energy Source							
Fuel Oil	Q	Q	Q	Q	Q	Q	Q
Other Excluding Fuel Oil	121	7,935	65	103	734	473	15.00
Buildings without Cooking	486	6,403	13	130	937	694	13.59
Percent of Floorspace Heated							
Not Heated	Q	Q	Q	Q	Q	Q	99.99
1 to 50	93	1,003	11	13	97	79	27.87
51 to 99	90	2,857	32	43	307	219	27.40
100	423	10,376	25	178	1,274	868	13.24
Annual Consumption (gallons)							
1,000 or less	332	7,978	24	17	122	113	18.63
1,001 to 5,000	217	2,687	12	68	487	389	15.39
5,001 to 10,000	29	1,068	36	28	205	153	29.49
10,001 to 25,000	20	1,015	52	41	298	188	18.28
Over 25,000	9	1,674	178	81	574	331	14.91

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 27. Fuel Oil Consumption and Expenditure Intensities, 1995

Building Characteristics	Fuel Oil Consumption			Fuel Oil Expenditures			RSE Row Factor
	per Building (gallons)	per Square Foot (gallons)	per Worker (gallons)	per Building (thousand dollars)	per Square Foot (dollars)	per Gallon (dollars)	
RSE Column Factor:	1.2	1.2	1.5	1.1	1.2	0.3	
All Buildings	2,776	0.12	73.4	1.9	0.08	0.70	8.08
Building Floorspace (square feet)							
1,001 to 5,000	962	0.34	197.0	0.8	0.29	0.86	10.42
5,001 to 10,000	1,997	0.28	269.6	1.6	0.23	0.80	15.12
10,001 to 25,000	3,497	0.23	294.5	2.6	0.17	0.74	20.14
25,001 to 50,000	6,531	0.17	111.7	4.2	0.11	0.64	11.20
50,001 to 100,000	8,091	0.11	82.5	5.1	0.07	0.63	18.24
100,001 to 200,000	10,563	0.07	45.4	6.1	0.04	0.57	17.88
200,001 to 500,000	17,920	0.06	33.3	9.9	0.03	0.55	25.23
Over 500,000	27,650	0.03	15.4	15.7	0.02	0.57	19.86
Principal Building Activity							
Education	10,954	0.17	183.2	6.7	0.11	0.61	17.25
Food Sales	Q	Q	Q	Q	Q	Q	99.99
Food Service	Q	Q	Q	Q	Q	Q	99.99
Health Care	Q	0.10	50.2	Q	0.06	0.62	17.82
Lodging	Q	Q	Q	Q	Q	0.65	10.36
Mercantile and Service	1,583	0.14	122.5	1.2	0.10	0.75	16.66
Office	2,113	0.06	20.3	1.6	0.04	0.76	18.43
Public Assembly	1,844	0.09	114.7	1.4	0.07	0.76	20.69
Public Order and Safety	2,875	0.22	128.0	2.1	Q	0.74	14.88
Religious Worship	2,172	0.21	465.5	1.7	0.16	0.76	14.25
Warehouse and Storage	1,925	0.09	100.3	1.5	0.07	0.76	24.09
Other	Q	Q	Q	Q	Q	0.63	23.13
Vacant	Q	0.16	Q	Q	0.10	0.67	37.42
Year Constructed							
1919 or Before	2,690	0.17	168.2	1.8	0.12	0.68	20.35
1920 to 1945	3,536	0.23	219.8	2.4	0.15	0.67	15.86
1946 to 1959	2,739	0.20	142.1	2.1	0.15	0.75	12.68
1960 to 1969	3,192	0.13	82.4	2.2	0.09	0.68	17.03
1970 to 1979	3,372	0.07	39.0	2.2	0.05	0.66	16.66
1980 to 1989	1,665	0.05	24.7	1.2	0.04	0.72	23.30
1990 to 1992	Q	0.03	22.4	Q	0.02	0.70	33.68
1993 to 1995	2,445	0.10	86.6	1.6	0.07	0.67	23.31
Census Region and Division							
Northeast	4,259	0.22	180.1	2.9	0.15	0.68	8.05
New England	5,335	0.28	284.0	3.5	0.19	0.66	10.06
Middle Atlantic	3,608	0.19	135.7	2.5	0.13	0.70	10.84
Midwest	1,191	0.04	25.7	0.9	0.03	0.73	24.32
East North Central	1,406	0.05	Q	1.0	0.04	0.73	32.95
West North Central	837	0.03	Q	0.6	Q	0.73	28.30
South	1,652	0.08	44.4	1.2	0.06	0.74	17.51
South Atlantic	2,135	0.10	56.6	1.6	0.07	0.73	18.22
East South Central	869	0.06	Q	0.7	0.05	0.84	27.70
West South Central	Q	Q	Q	Q	Q	0.65	54.01
West	1,417	0.02	10.4	1.0	0.02	0.71	31.68
Mountain	813	Q	Q	0.7	Q	0.80	14.99
Pacific	Q	0.02	Q	Q	0.02	0.69	44.40
Climate Zone: 45-Year Average							
Fewer than 2,000 CDD and --							
More than 7,000 HDD	3,342	0.20	151.6	2.2	0.13	0.66	14.96
5,500-7,000 HDD	3,348	0.13	93.6	2.3	0.09	0.70	14.43
4,000-5,499 HDD	2,796	0.14	89.5	2.0	0.10	0.71	12.86
Fewer than 4,000 HDD	Q	Q	Q	Q	0.02	0.74	42.92
More than 2,000 CDD and --							
Fewer than 4,000 HDD	Q	Q	Q	Q	Q	0.78	68.74

See footnotes at end of table.

Table 27. Fuel Oil Consumption and Expenditure Intensities, 1995 (Continued)

Building Characteristics	Fuel Oil Consumption			Fuel Oil Expenditures			RSE Row Factor
	per Building (gallons)	per Square Foot (gallons)	per Worker (gallons)	per Building (thousand dollars)	per Square Foot (dollars)	per Gallon (dollars)	
RSE Column Factor:	1.2	1.2	1.5	1.1	1.2	0.3	
Workers (main shift)							
Fewer than 5	1,312	0.25	643.4	1.0	0.20	0.80	11.25
5 to 9	1,991	0.20	327.1	1.6	0.16	0.82	27.20
10 to 19	2,506	0.27	199.0	1.9	0.20	0.76	12.86
20 to 49	5,230	0.19	175.5	3.5	0.13	0.67	15.20
50 to 99	9,398	0.12	141.3	5.3	0.07	0.57	18.50
100 to 249	10,114	0.09	73.0	6.0	0.05	0.60	17.19
250 or More	10,983	0.03	13.3	6.4	0.02	0.59	17.25
Weekly Operating Hours							
39 or Fewer	1,257	0.21	167.9	1.0	0.16	0.77	18.99
40 to 48	1,868	0.15	116.6	1.4	0.12	0.75	15.42
49 to 60	3,045	0.15	77.2	2.2	0.11	0.72	16.11
61 to 84	3,967	0.10	72.5	2.7	0.07	0.69	17.95
85 to 167	3,907	0.11	110.0	2.5	0.07	0.63	21.40
Open Continuously	4,723	0.08	42.9	3.1	0.05	0.65	15.42
Ownership and Occupancy							
Nongovernment Owned	2,337	0.11	67.5	1.7	0.08	0.73	9.34
Owner Occupied	2,367	0.11	69.8	1.7	0.08	0.73	9.51
Nonowner Occupied	2,052	0.10	49.2	1.4	0.07	0.70	21.55
Unoccupied	Q	Q	Q	Q	Q	Q	99.99
Government Owned	5,043	0.13	92.7	3.2	0.08	0.63	14.21
Space in Building Vacant for at Least Three Consecutive Months							
Yes	2,646	0.05	24.9	1.8	0.03	0.68	15.27
No	2,798	0.15	106.8	2.0	0.10	0.70	8.37
Energy Sources (more than one may apply)							
Electricity	2,818	0.12	73.3	2.0	0.08	0.70	8.63
Natural Gas	3,982	0.07	40.2	2.6	0.04	0.64	14.70
Fuel Oil	2,776	0.12	73.4	1.9	0.08	0.70	8.08
District Heat	Q	0.03	15.7	1.9	0.02	0.61	37.77
District Chilled Water	1,300	0.02	7.6	0.8	0.01	0.65	34.34
Propane	3,232	0.28	242.3	2.2	0.19	0.70	10.03
Other	1,498	0.12	93.9	1.1	0.09	0.74	30.63
Energy End Uses (more than one may apply)							
Buildings with Space Heating	2,764	0.12	74.1	1.9	0.08	0.70	8.10
Buildings with Cooling	3,306	0.10	59.3	2.3	0.07	0.68	11.46
Buildings with Water Heating	3,150	0.11	71.1	2.2	0.08	0.69	8.41
Buildings with Cooking	6,160	0.09	53.7	4.0	0.06	0.64	13.15
Buildings with Manufacturing	Q	0.15	70.3	Q	0.09	0.62	26.93
Buildings with Electricity Generation	4,211	0.06	32.1	2.7	0.04	0.64	15.66
Space-Heating Energy Source							
Fuel Oil	3,126	0.24	192.0	2.2	0.17	0.70	7.52
Fuel Oil Main	3,207	0.33	347.3	2.2	0.23	0.70	7.28
Fuel Oil Secondary	2,579	0.07	40.4	1.7	0.05	0.67	18.94
Other Excluding Fuel Oil	987	0.01	7.0	0.7	0.01	0.70	18.24
Buildings without Space Heating	Q	Q	Q	Q	Q	Q	99.99
Primary Space-Heating Energy Source							
Electricity	1,807	0.03	11.9	1.2	0.02	0.68	28.51
Natural Gas	1,306	0.02	12.0	0.9	0.01	0.67	16.06
Fuel Oil	3,207	0.33	347.3	2.2	0.23	0.70	7.28
District Heat	2,609	0.03	13.7	1.6	0.02	0.62	30.75
Propane	Q	Q	Q	Q	Q	Q	99.99
Other	Q	Q	Q	Q	Q	Q	99.99

See footnotes at end of table.

Table 27. Fuel Oil Consumption and Expenditure Intensities, 1995 (Continued)

Building Characteristics	Fuel Oil Consumption			Fuel Oil Expenditures			RSE Row Factor
	per Building (gallons)	per Square Foot (gallons)	per Worker (gallons)	per Building (thousand dollars)	per Square Foot (dollars)	per Gallon (dollars)	
RSE Column Factor:	1.2	1.2	1.5	1.1	1.2	0.3	
Cooling Energy Source							
Fuel Oil	Q	Q	Q	Q	Q	Q	Q
Other Excluding Fuel Oil	3,323	0.10	59.4	2.3	0.07	0.68	11.32
Buildings without Cooling	1,837	0.27	299.9	1.4	0.20	0.74	10.28
Water-Heating Energy Source							
Fuel Oil	6,676	0.37	347.5	4.4	0.25	0.67	11.49
Other Excluding Fuel Oil	2,046	0.07	39.2	1.5	0.05	0.72	9.56
Buildings without Water Heating	950	0.21	Q	0.8	0.17	0.81	22.65
Cooking Energy Source							
Fuel Oil	Q	Q	Q	Q	Q	Q	Q
Other Excluding Fuel Oil	6,055	0.09	52.8	3.9	0.06	0.65	13.16
Buildings without Cooking	1,928	0.15	103.9	1.4	0.11	0.74	10.35
Percent of Floorspace Heated							
Not Heated	Q	Q	Q	Q	Q	Q	99.99
1 to 50	1,036	0.10	158.7	0.8	0.08	0.82	24.20
51 to 99	3,407	0.11	75.0	2.4	0.08	0.71	20.15
100	3,008	0.12	71.0	2.1	0.08	0.68	9.41
Annual Consumption (gallons)							
1,000 or less	366	0.02	8.9	0.3	0.01	0.93	15.77
1,001 to 5,000	2,240	0.18	106.2	1.8	0.14	0.80	8.61
5,001 to 10,000	6,988	0.19	166.1	5.2	0.14	0.75	7.43
10,001 to 25,000	15,225	0.29	289.3	9.6	0.19	0.63	6.38
Over 25,000	61,226	0.34	226.7	35.3	0.20	0.58	12.08

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 28. Fuel Oil Consumption and Conditional Energy Intensity by Census Region, 1995

Building Characteristics	Total Fuel Oil Consumption (million gallons)				Total Floorspace of Buildings Using Fuel Oil (million square feet)				Fuel Oil Energy Intensity (gallons/sq. ft.)				RSE Row Factor
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West	
RSE Column Factor:	0.8	1.7	1.4	1.7	0.6	0.9	0.6	0.8	0.5	1.5	1.1	1.5	
All Buildings	1,200	114	324	47	5,423	2,681	4,175	2,142	0.22	0.04	0.08	0.02	20.61
Building Floorspace (square feet)													
1,001 to 10,000	317	Q	132	Q	789	Q	553	Q	0.40	Q	0.24	Q	32.72
10,001 to 100,000	570	Q	124	Q	1,997	816	1,171	573	0.29	Q	0.11	0.03	26.60
Over 100,000	313	29	69	Q	2,638	1,646	2,452	1,504	0.12	0.02	0.03	Q	24.27
Principal Building Activity													
Education	293	Q	82	Q	1,273	430	408	Q	0.23	Q	0.20	Q	34.73
Mercantile and Service	284	20	Q	Q	1,177	Q	553	Q	0.24	Q	Q	Q	40.96
Office	126	Q	Q	Q	983	614	1,271	686	0.13	Q	0.04	Q	34.08
Public Assembly	Q	Q	18	Q	Q	Q	332	Q	Q	Q	0.06	Q	37.13
Warehouse and Storage	32	Q	Q	Q	374	Q	Q	Q	0.09	Q	Q	Q	51.27
All Others	392	42	102	Q	1,248	795	1,345	722	0.31	0.05	0.08	Q	24.21
Year Constructed													
1919 or Before	173	Q	Q	Q	726	Q	Q	Q	0.24	Q	Q	Q	39.95
1920 to 1945	229	Q	Q	Q	706	324	Q	Q	0.33	Q	Q	Q	42.61
1946 to 1959	284	15	Q	Q	901	339	514	Q	0.32	Q	0.16	Q	36.98
1960 to 1969	258	Q	99	Q	1,105	482	938	346	0.23	Q	0.11	Q	34.99
1970 to 1979	126	Q	56	Q	731	600	885	719	0.17	0.03	0.06	Q	32.95
1980 to 1989	80	Q	Q	Q	858	457	1,317	480	0.09	Q	Q	Q	34.81
1990 to 1992	Q	Q	Q	Q	Q	Q	243	Q	Q	Q	Q	Q	57.26
1993 to 1995	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Climate Zone: 45-Year Average													
Fewer than 2,000 CDD and --													
More than 7,000 HDD	315	Q	Q	Q	798	930	Q	Q	0.39	0.05	Q	Q	28.56
5,500-7,000 HDD	434	Q	Q	Q	2,055	1,366	Q	303	0.21	Q	Q	Q	27.51
4,000-5,499 HDD	452	6	239	Q	2,571	385	1,832	Q	0.18	Q	0.13	0.06	27.42
Fewer than 4,000 HDD	Q	Q	Q	Q	Q	Q	1,291	1,052	Q	Q	Q	Q	31.68
More than 2,000 CDD and --													
Fewer than 4,000 HDD	Q	Q	Q	Q	Q	Q	1,053	Q	Q	Q	Q	Q	40.38
Workers (main shift)													
Less than 10	379	Q	122	Q	1,305	Q	560	Q	0.29	0.15	0.22	Q	27.80
10 to 99	546	Q	115	Q	1,695	563	1,176	526	0.32	Q	0.10	0.06	26.83
100 or More	275	22	87	Q	2,423	1,610	2,440	1,523	0.11	0.01	0.04	Q	25.74
Weekly Operating Hours													
48 or Fewer	264	Q	137	Q	1,123	326	972	241	0.24	Q	0.14	Q	30.35
49 to 84	545	Q	90	Q	2,348	998	1,364	865	0.23	Q	0.07	Q	28.59
85 to 168	391	45	97	Q	1,952	1,358	1,839	1,035	0.20	0.03	0.05	Q	25.36
Ownership and Occupancy													
Nongovernment Owned	842	90	234	23	3,883	1,938	3,196	1,599	0.22	0.05	0.07	0.01	23.96
Owner Occupied	764	Q	205	21	3,475	1,794	2,782	1,433	0.22	0.05	0.07	0.01	22.66
Nonowner Occupied	73	Q	Q	Q	383	Q	414	Q	0.19	Q	Q	Q	49.49
Unoccupied	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Government Owned	358	Q	90	Q	1,540	743	980	542	0.23	Q	0.09	Q	25.93
Space in Building Vacant for at Least Three Consecutive Months													
Yes	166	Q	30	Q	1,337	1,082	1,371	871	0.12	Q	0.02	Q	30.09
No	1,034	80	294	45	4,086	1,599	2,804	1,270	0.25	0.05	0.10	0.04	22.20
Energy Sources (more than one may apply)													
Electricity	1,192	114	323	47	5,368	2,669	4,166	2,142	0.22	0.04	0.08	0.02	21.57
Natural Gas	464	Q	96	Q	3,002	2,133	2,517	1,610	0.15	Q	0.04	Q	25.20
Fuel Oil	1,200	114	324	47	5,423	2,681	4,175	2,142	0.22	0.04	0.08	0.02	20.61
District Heat	51	Q	Q	Q	795	609	Q	Q	Q	Q	Q	Q	51.58
District Chilled Water	Q	Q	Q	Q	Q	Q	368	Q	Q	Q	Q	Q	44.99
Propane	325	Q	Q	Q	945	Q	467	Q	0.34	Q	0.21	Q	28.29
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99

See footnotes at end of table.

Table 28. Fuel Oil Consumption and Conditional Energy Intensity by Census Region, 1995 (Continued)

Building Characteristics	Total Fuel Oil Consumption (million gallons)				Total Floorspace of Buildings Using Fuel Oil (million square feet)				Fuel Oil Energy Intensity (gallons/sq. ft.)				RSE Row Factor
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West	
RSE Column Factor:	0.8	1.7	1.4	1.7	0.6	0.9	0.6	0.8	0.5	1.5	1.1	1.5	
Energy End Uses (more than one may apply)													
Buildings with Space Heating	1,200	114	324	Q	5,423	2,681	4,135	1,997	0.22	0.04	0.08	0.02	20.79
Buildings with Cooling	871	101	289	Q	4,415	2,517	3,978	1,993	0.20	0.04	0.07	Q	22.06
Buildings with Water Heating	1,129	106	309	43	5,238	2,599	3,996	2,127	0.22	0.04	0.08	0.02	20.94
Buildings with Cooking	529	31	161	Q	2,799	1,553	2,302	1,364	0.19	0.02	0.07	Q	23.43
Buildings with Manufacturing	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Buildings with Electricity Generation	397	38	128	Q	2,758	1,835	3,094	1,889	0.14	0.02	0.04	Q	23.33
Space-Heating Energy Source													
Fuel Oil	1,172	97	272	Q	3,856	1,018	1,540	192	0.30	0.10	0.18	0.18	23.22
Fuel Oil Main	1,079	Q	223	Q	3,020	Q	802	Q	0.36	Q	0.28	Q	23.94
Fuel Oil Secondary	93	21	Q	Q	836	730	738	Q	0.11	0.03	0.07	Q	32.00
Other Excluding Fuel Oil	28	Q	52	Q	1,567	1,663	2,595	1,805	0.02	Q	0.02	Q	30.67
Buildings without Space Heating	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Primary Space-Heating Energy Source													
Electricity	Q	Q	Q	Q	Q	284	1,347	313	Q	0.03	0.04	Q	33.41
Natural Gas	42	25	36	Q	1,231	1,483	1,533	1,233	0.03	0.02	0.02	Q	28.19
Fuel Oil	1,079	Q	223	Q	3,020	Q	802	Q	0.36	Q	0.28	Q	23.94
District Heat	40	Q	Q	Q	633	556	362	342	0.06	Q	0.02	Q	50.74
Propane	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Cooling Energy Source													
Fuel Oil	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Other Excluding Fuel Oil	860	101	286	Q	4,353	2,509	3,943	1,988	0.20	0.04	0.07	Q	22.20
Buildings without Cooling	329	Q	Q	Q	1,008	Q	Q	Q	0.33	Q	Q	Q	28.74
Water-Heating Energy Source													
Fuel Oil	648	Q	Q	Q	1,668	Q	Q	Q	0.39	Q	Q	Q	24.03
Other Excluding Fuel Oil	481	85	209	11	3,570	2,487	3,687	2,065	0.13	0.03	0.06	Q	21.03
Buildings without Water Heating	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Cooking Energy Source													
Fuel Oil	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Other Excluding Fuel Oil	523	31	161	Q	2,778	1,521	2,302	1,334	0.19	0.02	0.07	Q	23.28
Buildings without Cooking	672	Q	163	18	2,624	1,128	1,874	778	0.26	Q	0.09	0.02	23.40
Percent of Floorspace Heated													
Not Heated	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
1 to 50	63	Q	Q	Q	341	Q	Q	Q	0.18	Q	Q	Q	59.37
51 to 99	247	Q	Q	Q	1,246	261	883	467	0.20	Q	Q	Q	40.00
100	890	73	279	Q	3,837	2,202	2,943	1,395	0.23	0.03	0.09	0.02	23.31
Annual Consumption (gallons)													
1,000 or less	37	Q	Q	Q	1,525	1,934	2,770	1,748	0.02	Q	0.02	Q	31.16
1,001 to 5,000	348	Q	Q	Q	1,392	Q	678	Q	0.25	Q	0.13	Q	30.80
5,001 to 10,000	173	Q	Q	Q	731	Q	Q	Q	0.24	Q	Q	Q	39.68
10,001 to 25,000	219	Q	Q	Q	638	Q	Q	Q	0.34	Q	Q	Q	34.46
Over 25,000	424	Q	Q	Q	1,136	Q	Q	Q	0.37	Q	Q	Q	30.31

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 29. Fuel Oil Expenditures by Census Region, 1995

Building Characteristics	Total Fuel Oil Expenditures (million dollars)				Fuel Oil Expenditures (dollars) per Gallon				per Square Foot				RSE Row Factor
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West	
RSE Column Factor:	1.2	2.3	2.0	2.0	0.3	0.4	0.3	0.5	0.8	2.1	1.7	2.1	
All Buildings	818	84	240	34	0.68	0.73	0.74	0.71	0.15	0.03	0.06	0.02	15.62
Building Floorspace (square feet)													
1,001 to 10,000	260	Q	Q	Q	0.82	Q	0.88	Q	0.33	Q	0.21	Q	15.05
10,001 to 100,000	386	Q	83	Q	0.68	0.72	0.67	0.68	0.19	Q	0.07	Q	18.51
Over 100,000	172	17	42	Q	0.55	0.60	0.60	0.58	0.07	0.01	0.02	Q	17.00
Principal Building Activity													
Education	180	Q	51	Q	0.61	0.63	0.62	Q	0.14	Q	0.13	Q	19.12
Mercantile and Service	204	16	Q	Q	0.72	0.79	0.87	Q	0.17	Q	Q	Q	19.85
Office	93	Q	Q	Q	0.74	0.82	0.74	1.03	0.10	Q	0.03	Q	21.33
Public Assembly	Q	Q	15	Q	Q	Q	0.83	Q	Q	Q	0.05	Q	20.15
Warehouse and Storage	21	Q	Q	Q	0.65	Q	Q	Q	0.06	Q	Q	Q	26.49
All Others	266	28	74	Q	0.68	0.66	0.72	0.75	0.21	0.04	0.05	Q	15.48
Year Constructed													
1919 or Before	118	Q	Q	Q	0.68	Q	Q	Q	0.16	Q	Q	Q	20.97
1920 to 1945	149	Q	Q	Q	0.65	0.82	Q	Q	0.21	Q	Q	Q	13.75
1946 to 1959	218	10	61	Q	0.77	0.66	0.74	Q	0.24	Q	0.12	Q	19.12
1960 to 1969	173	Q	70	Q	0.67	0.68	0.71	0.52	0.16	Q	0.07	Q	22.02
1970 to 1979	77	Q	42	Q	0.61	0.70	0.75	0.80	0.11	0.02	0.05	Q	21.40
1980 to 1989	51	Q	Q	Q	0.63	0.73	0.81	1.03	0.06	Q	Q	Q	32.99
1990 to 1992	Q	Q	Q	Q	Q	Q	0.93	Q	Q	Q	Q	Q	9.48
1993 to 1995	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Climate Zone: 45-Year Average													
Fewer than 2,000 CDD and --													
More than 7,000 HDD	202	Q	Q	Q	0.64	0.75	Q	Q	0.25	0.04	Q	Q	16.79
5,500-7,000 HDD	304	Q	Q	Q	0.70	0.70	Q	0.83	0.15	Q	Q	Q	10.98
4,000-5,499 HDD	312	5	178	Q	0.69	0.88	0.75	0.57	0.12	Q	0.10	0.03	21.99
Fewer than 4,000 HDD	Q	Q	Q	2	Q	Q	0.74	0.95	Q	Q	0.03	Q	27.86
More than 2,000 CDD and --													
Fewer than 4,000 HDD	Q	Q	18	Q	Q	Q	0.70	Q	Q	Q	Q	Q	34.72
Workers (main shift)													
Less than 10	298	Q	106	Q	0.79	0.77	0.87	Q	0.23	0.11	0.19	Q	12.67
10 to 99	361	Q	80	Q	0.66	0.66	0.70	0.70	0.21	Q	0.07	0.04	19.68
100 or More	158	14	53	Q	0.58	0.65	0.62	0.66	0.07	0.01	0.02	Q	19.20
Weekly Operating Hours													
48 or Fewer	194	Q	109	Q	0.73	0.75	0.80	0.73	0.17	Q	0.11	Q	23.04
49 to 84	381	Q	63	Q	0.70	0.76	0.70	0.72	0.16	Q	0.05	Q	20.61
85 to 168	243	32	67	Q	0.62	0.70	0.69	0.68	0.12	0.02	0.04	Q	22.56
Ownership and Occupancy													
Nongovernment Owned	596	Q	179	20	0.71	0.74	0.77	0.87	0.15	0.03	0.06	0.01	17.62
Owner Occupied	546	Q	154	19	0.71	0.75	0.75	0.89	0.16	0.03	0.06	0.01	16.88
Nonowner Occupied	46	Q	Q	Q	0.63	Q	0.88	Q	0.12	Q	Q	Q	19.54
Unoccupied	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Government Owned	222	Q	60	Q	0.62	0.68	0.67	0.55	0.14	Q	0.06	Q	21.33
Space in Building Vacant for at Least Three Consecutive Months													
Yes	108	Q	24	Q	0.65	0.71	0.80	0.77	0.08	Q	0.02	Q	21.04
No	710	59	216	32	0.69	0.74	0.73	0.71	0.17	0.04	0.08	0.02	16.82
Energy Sources (more than one may apply)													
Electricity	812	84	239	34	0.68	0.73	0.74	0.71	0.15	0.03	0.06	0.02	16.03
Natural Gas	300	Q	61	Q	0.65	0.65	0.64	0.57	0.10	Q	0.02	Q	19.73
Fuel Oil	818	84	240	34	0.68	0.73	0.74	0.71	0.15	0.03	0.06	0.02	15.62
District Heat	31	Q	Q	Q	0.60	0.78	Q	Q	0.04	Q	Q	Q	51.94
District Chilled Water	Q	Q	3	Q	Q	Q	0.64	Q	Q	Q	0.01	Q	28.76
Propane	222	Q	Q	Q	0.68	Q	0.70	Q	0.23	Q	0.14	Q	14.85
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99

See footnotes at end of table.

Table 29. Fuel Oil Expenditures by Census Region, 1995 (Continued)

Building Characteristics	Total Fuel Oil Expenditures (million dollars)				Fuel Oil Expenditures (dollars) per Gallon				per Square Foot				RSE Row Factor
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West	
RSE Column Factor:	1.2	2.3	2.0	2.0	0.3	0.4	0.3	0.5	0.8	2.1	1.7	2.1	
Energy End Uses (more than one may apply)													
Buildings with Space Heating	818	84	240	Q	0.68	0.73	0.74	0.64	0.15	0.03	0.06	0.01	16.11
Buildings with Cooling	577	72	209	Q	0.66	0.71	0.72	0.86	0.13	0.03	0.05	Q	21.22
Buildings with Water Heating	764	76	226	30	0.68	0.71	0.73	0.69	0.15	0.03	0.06	0.01	16.95
Buildings with Cooking	336	20	108	Q	0.64	0.66	0.67	0.59	0.12	0.01	0.05	Q	21.04
Buildings with Manufacturing	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Buildings with Electricity Generation	244	27	86	Q	0.61	0.71	0.68	0.70	0.09	0.01	0.03	Q	21.98
Space-Heating Energy Source													
Fuel Oil	801	71	202	Q	0.68	0.73	0.74	0.62	0.21	0.07	0.13	0.11	15.35
Fuel Oil Main	739	Q	169	Q	0.69	Q	0.76	Q	0.24	Q	0.21	Q	13.70
Fuel Oil Secondary	61	14	Q	Q	0.66	0.70	0.69	Q	0.07	0.02	0.05	Q	20.00
Other Excluding Fuel Oil	18	Q	37	4	0.63	0.71	0.72	0.82	0.01	Q	0.01	Q	24.55
Buildings without Space Heating	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Primary Space-Heating Energy Source													
Electricity	Q	Q	Q	Q	Q	0.72	0.68	0.81	Q	0.02	0.03	Q	20.14
Natural Gas	27	16	25	Q	0.64	0.66	0.70	0.78	0.02	0.01	0.02	Q	22.63
Fuel Oil	739	Q	169	Q	0.69	Q	0.76	Q	0.24	Q	0.21	Q	13.70
District Heat	24	Q	4	Q	0.60	0.91	0.62	0.83	0.04	Q	0.01	Q	22.85
Propane	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Cooling Energy Source													
Fuel Oil	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Other Excluding Fuel Oil	567	72	207	Q	0.66	0.71	0.72	0.88	0.13	0.03	0.05	Q	21.12
Buildings without Cooling	241	Q	Q	Q	0.73	Q	Q	Q	0.24	Q	Q	Q	16.58
Water-Heating Energy Source													
Fuel Oil	428	Q	Q	Q	0.66	Q	Q	Q	0.26	Q	Q	Q	14.74
Other Excluding Fuel Oil	336	Q	156	8	0.70	0.73	0.75	0.76	0.09	0.02	0.04	(*)	18.12
Buildings without Water Heating	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Cooking Energy Source													
Fuel Oil	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Other Excluding Fuel Oil	333	20	108	Q	0.64	0.66	0.67	0.65	0.12	0.01	0.05	Q	21.31
Buildings without Cooking	482	Q	132	17	0.72	0.76	0.81	0.90	0.18	Q	0.07	0.02	16.18
Percent of Floorspace Heated													
Not Heated	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
1 to 50	53	Q	Q	Q	0.84	Q	Q	Q	0.15	Q	Q	Q	38.03
51 to 99	171	Q	Q	Q	0.69	0.77	0.91	0.60	0.14	Q	Q	Q	17.53
100	594	52	201	Q	0.67	0.71	0.72	0.65	0.15	0.02	0.07	0.01	17.09
Annual Consumption (gallons)													
1,000 or less	35	Q	Q	Q	0.95	0.90	0.93	0.91	0.02	Q	0.02	Q	17.04
1,001 to 5,000	276	Q	Q	Q	0.79	Q	0.84	Q	0.20	Q	0.11	Q	17.87
5,001 to 10,000	132	Q	Q	Q	0.77	Q	Q	Q	0.18	Q	Q	Q	18.59
10,001 to 25,000	139	Q	Q	Q	0.63	Q	Q	Q	0.22	Q	Q	Q	16.34
Over 25,000	236	Q	Q	Q	0.56	Q	Q	Q	0.21	Q	Q	Q	16.96

(*) = 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 30. Total District Heat Consumption and Expenditures, 1995

Building Characteristics	All Buildings Using District Heat			District Heat Consumption	District Heat Expenditures	RSE Row Factor
	Number of Buildings (thousand)	Floorspace (million square feet)	Floorspace per Building (thousand square feet)	Total (trillion Btu)	Total (million dollars)	
RSE Column Factor:	1.2	0.9	0.9	1.1	1.0	
All Buildings	110	5,658	52	533	3,103	18.99
Building Floorspace (square feet)						
1,001 to 5,000	Q	Q	Q	Q	Q	99.99
5,001 to 10,000	Q	Q	Q	Q	Q	99.99
10,001 to 25,000	25	370	15	38	174	27.49
25,001 to 50,000	18	651	37	55	383	15.39
50,001 to 100,000	11	744	71	60	400	18.66
100,001 to 200,000	8	1,119	140	84	530	14.63
200,001 to 500,000	4	1,211	305	94	557	17.58
Over 500,000	1	1,351	918	93	521	20.25
Principal Building Activity						
Education	36	1,077	30	91	595	25.43
Food Sales	Q	Q	Q	Q	Q	99.99
Food Service	Q	Q	Q	Q	Q	99.99
Health Care	4	640	143	70	428	25.26
Lodging	11	616	Q	57	291	32.88
Mercantile and Service	Q	Q	Q	Q	Q	99.99
Office	Q	1,532	77	75	524	25.22
Public Assembly	Q	636	Q	Q	Q	22.61
Public Order and Safety	Q	Q	Q	Q	Q	99.99
Religious Worship	Q	Q	Q	Q	Q	99.99
Warehouse and Storage	Q	Q	Q	Q	Q	99.99
Other	Q	Q	Q	Q	Q	99.99
Vacant	Q	Q	Q	Q	Q	99.99
Year Constructed						
1919 or Before	Q	556	26	31	238	38.36
1920 to 1945	Q	864	43	85	495	31.51
1946 to 1959	13	939	70	57	328	27.10
1960 to 1969	23	1,408	60	124	721	24.90
1970 to 1979	15	965	64	89	532	23.12
1980 to 1989	Q	508	Q	Q	Q	22.76
1990 to 1992	Q	Q	Q	Q	Q	99.99
1993 to 1995	Q	Q	Q	Q	Q	99.99
Census Region and Division						
Northeast	Q	1,768	73	135	863	29.44
New England	2	226	104	23	131	35.59
Middle Atlantic	Q	1,542	70	112	732	35.38
Midwest	35	1,902	54	173	1,100	22.09
East North Central	19	1,214	66	114	677	30.64
West North Central	16	688	42	60	423	32.98
South	Q	1,038	32	83	402	34.14
South Atlantic	Q	364	39	Q	215	44.67
East South Central	Q	Q	Q	Q	Q	99.99
West South Central	Q	Q	Q	Q	Q	99.99
West	18	949	Q	Q	Q	30.31
Mountain	6	Q	Q	Q	Q	28.05
Pacific	12	631	52	Q	Q	39.83
Climate Zone: 45-Year Average						
Fewer than 2,000 CDD and --						
More than 7,000 HDD	3	267	90	29	183	28.30
5,500-7,000 HDD	30	1,919	65	259	1,443	28.75
4,000-5,499 HDD	44	2,292	52	154	1,001	27.94
Fewer than 4,000 HDD	10	537	56	Q	Q	27.03
More than 2,000 CDD and --						
Fewer than 4,000 HDD	24	643	27	Q	192	38.83

See footnotes at end of table.

Table 30. Total District Heat Consumption and Expenditures, 1995 (Continued)

Building Characteristics	All Buildings Using District Heat			District Heat Consumption	District Heat Expenditures	RSE Row Factor
	Number of Buildings (thousand)	Floorspace (million square feet)	Floorspace per Building (thousand square feet)	Total (trillion Btu)	Total (million dollars)	
RSE Column Factor:	1.2	0.9	0.9	1.1	1.0	
Workers (main shift)						
Fewer than 5	Q	Q	Q	Q	Q	99.99
5 to 9	Q	Q	Q	Q	Q	99.99
10 to 19	Q	Q	Q	Q	Q	99.99
20 to 49	16	617	38	66	391	23.44
50 to 99	17	713	43	74	445	25.55
100 to 249	8	886	109	66	391	21.01
250 or More	9	2,458	271	183	1,098	18.94
Weekly Operating Hours						
39 or Fewer	Q	Q	Q	Q	Q	99.99
40 to 48	23	762	33	69	380	35.63
49 to 60	Q	970	43	81	489	27.46
61 to 84	12	628	52	44	296	31.42
85 to 167	Q	840	Q	Q	Q	27.33
Open Continuously	32	2,320	72	203	1,215	25.82
Ownership and Occupancy						
Nongovernment Owned	50	2,789	56	295	1,730	30.57
Owner Occupied	44	2,482	57	283	1,638	31.41
Nonowner Occupied	Q	Q	Q	Q	Q	99.99
Unoccupied	Q	Q	Q	Q	Q	99.99
Government Owned	60	2,869	48	238	1,374	22.62
Space in Building Vacant for at Least Three Consecutive Months						
Yes	Q	1,572	86	84	554	23.71
No	92	4,086	45	449	2,550	21.19
Energy Sources (more than one may apply)						
Electricity	110	5,646	51	532	3,100	20.37
Natural Gas	30	2,343	79	194	1,277	22.77
Fuel Oil	20	2,174	110	163	1,069	19.94
District Heat	110	5,658	52	533	3,103	18.99
District Chilled Water	47	2,140	46	250	1,393	34.42
Propane	Q	Q	Q	Q	Q	99.99
Other	Q	Q	Q	Q	Q	99.99
Energy End Uses (more than one may apply)						
Buildings with Space Heating	109	5,642	52	532	3,102	18.99
Buildings with Cooling	95	5,128	54	488	2,835	20.95
Buildings with Water Heating	96	5,424	57	496	2,874	19.10
Buildings with Cooking	17	2,031	117	181	1,088	17.87
Buildings with Manufacturing	Q	Q	Q	Q	Q	99.99
Buildings with Electricity Generation	Q	2,434	115	188	1,302	21.86
Space-Heating Energy Source						
District Heat	109	5,606	51	530	3,084	19.04
District Heat Main	107	5,289	49	508	2,984	19.23
District Heat Secondary	Q	Q	Q	Q	Q	99.99
Other Excluding District Heat	Q	Q	Q	Q	Q	99.99
Buildings without Space Heating	Q	Q	Q	Q	Q	99.99

See footnotes at end of table.

Table 30. Total District Heat Consumption and Expenditures, 1995 (Continued)

Building Characteristics	All Buildings Using District Heat			District Heat Consumption	District Heat Expenditures	RSE Row Factor
	Number of Buildings (thousand)	Floorspace (million square feet)	Floorspace per Building (thousand square feet)	Total (trillion Btu)	Total (million dollars)	
RSE Column Factor:	1.2	0.9	0.9	1.1	1.0	
Primary Space-Heating Energy Source						
Electricity	Q	Q	Q	Q	Q	99.99
Natural Gas	Q	Q	Q	Q	Q	99.99
Fuel Oil	Q	Q	Q	Q	Q	99.99
District Heat	107	5,289	49	508	2,984	19.23
Propane	Q	Q	Q	Q	Q	99.99
Other	Q	Q	Q	Q	Q	99.99
Cooling Energy Source						
District Heat	Q	Q	Q	Q	Q	99.99
Other Excluding District Heat	93	4,549	49	447	2,561	21.45
Buildings without Cooling	14	530	37	45	269	32.01
Water-Heating Energy Source						
District Heat	54	3,949	74	406	2,279	19.75
Other Excluding District Heat	42	1,475	35	89	595	31.28
Buildings without Water Heating	Q	Q	Q	Q	Q	99.99
Cooking Energy Source						
District Heat	5	591	110	76	483	20.56
Other Excluding District Heat	12	1,439	120	105	605	23.76
Buildings without Cooking	92	3,627	39	351	2,015	23.35
Percent of Floorspace Heated						
Not Heated	Q	Q	Q	Q	Q	99.99
1 to 50	Q	Q	Q	Q	Q	99.99
51 to 99	7	748	105	41	285	29.70
100	101	4,828	48	488	2,798	20.29

(*) = 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 31. District Heat Consumption and Expenditure Intensities, 1995

Building Characteristics	District Heat Consumption			District Heat Expenditures			RSE Row Factor
	per Building (thousand pounds)	per Square Foot (pounds)	per Worker (thousand pounds)	per Building (thousand dollars)	per Square Foot (dollars)	per Thousand Pound (dollars)	
RSE Column Factor:	1.2	0.9	1.2	1.2	0.8	0.7	
All Buildings	4,849	94.14	51.2	28.3	0.55	5.83	18.62
Building Floorspace (square feet)							
1,001 to 5,000	Q	Q	Q	Q	Q	Q	99.99
5,001 to 10,000	Q	Q	Q	Q	Q	Q	99.99
10,001 to 25,000	1,559	103.56	68.1	7.1	0.47	4.55	34.66
25,001 to 50,000	3,145	84.62	58.9	21.8	0.59	6.94	24.05
50,001 to 100,000	5,731	81.02	41.0	38.0	0.54	6.63	26.37
100,001 to 200,000	10,585	75.38	43.3	66.5	0.47	6.29	16.49
200,001 to 500,000	23,667	77.72	53.4	140.1	0.46	5.92	16.48
Over 500,000	63,104	68.71	29.2	354.1	0.39	5.61	19.45
Principal Building Activity							
Education	2,545	84.51	42.6	16.6	0.55	6.54	29.35
Food Sales	Q	Q	Q	Q	Q	Q	99.99
Food Service	Q	Q	Q	Q	Q	Q	99.99
Health Care	15,690	109.51	65.0	95.8	0.67	6.11	23.15
Lodging	Q	92.63	82.0	Q	0.47	5.10	25.06
Mercantile and Service	Q	Q	Q	Q	Q	Q	99.99
Office	3,770	49.28	15.8	26.2	0.34	6.94	20.60
Public Assembly	13,121	Q	Q	67.6	Q	5.15	18.93
Public Order and Safety	Q	Q	Q	Q	Q	Q	99.99
Religious Worship	Q	Q	Q	Q	Q	Q	99.99
Warehouse and Storage	Q	Q	Q	Q	Q	Q	99.99
Other	Q	Q	Q	Q	Q	Q	99.99
Vacant	Q	Q	Q	Q	Q	Q	99.99
Year Constructed							
1919 or Before	1,432	55.73	32.3	11.0	0.43	7.69	32.30
1920 to 1945	4,191	98.36	39.5	24.4	0.57	5.82	31.58
1946 to 1959	4,231	60.24	40.0	24.5	0.35	5.79	18.83
1960 to 1969	5,308	88.27	45.2	30.8	0.51	5.81	27.04
1970 to 1979	5,917	92.42	53.4	35.3	0.55	5.96	15.50
1980 to 1989	Q	Q	Q	74.1	Q	Q	20.75
1990 to 1992	Q	Q	Q	Q	Q	Q	99.99
1993 to 1995	Q	Q	Q	Q	Q	Q	99.99
Census Region and Division							
Northeast	5,558	76.31	34.1	35.5	0.49	6.39	22.19
New England	10,507	100.91	40.7	60.4	0.58	5.74	22.12
Middle Atlantic	5,073	72.71	33.0	33.1	0.47	6.53	26.25
Midwest	4,960	91.17	64.9	31.4	0.58	6.34	18.04
East North Central	6,149	93.69	89.3	36.6	0.56	5.95	22.78
West North Central	3,624	86.73	42.6	25.7	0.61	7.09	22.03
South	2,588	80.25	48.0	12.5	0.39	4.83	21.73
South Atlantic	5,471	139.92	74.3	23.1	0.59	4.23	26.13
East South Central	Q	Q	Q	Q	Q	Q	99.99
West South Central	Q	Q	Q	Q	Q	Q	99.99
West	7,651	Q	Q	40.1	Q	5.24	35.14
Mountain	15,565	Q	Q	Q	Q	4.49	33.82
Pacific	3,646	70.65	29.2	Q	Q	6.86	99.99
Climate Zone: 45-Year Average							
Fewer than 2,000 CDD and --							
More than 7,000 HDD	9,925	110.09	47.6	61.6	0.68	6.21	23.34
5,500-7,000 HDD	8,724	134.98	112.6	48.6	0.75	5.57	26.64
4,000-5,499 HDD	3,511	67.32	30.4	22.8	0.44	6.48	24.63
Fewer than 4,000 HDD	5,241	93.65	36.4	29.7	0.53	5.67	31.23
More than 2,000 CDD and --							
Fewer than 4,000 HDD	1,676	Q	Q	8.1	0.30	Q	30.10

See footnotes at end of table.

Table 31. District Heat Consumption and Expenditure Intensities, 1995 (Continued)

Building Characteristics	District Heat Consumption			District Heat Expenditures			RSE Row Factor
	per Building (thousand pounds)	per Square Foot (pounds)	per Worker (thousand pounds)	per Building (thousand dollars)	per Square Foot (dollars)	per Thousand Pound (dollars)	
RSE Column Factor:	1.2	0.9	1.2	1.2	0.8	0.7	
Workers (main shift)							
Fewer than 5	Q	Q	Q	Q	Q	Q	99.99
5 to 9	Q	Q	Q	Q	Q	Q	99.99
10 to 19	Q	Q	Q	Q	Q	Q	99.99
20 to 49	4,015	106.84	143.0	23.8	0.63	5.93	24.36
50 to 99	4,429	103.56	69.2	26.7	0.62	6.02	23.62
100 to 249	8,144	74.51	53.1	48.2	0.44	5.92	13.58
250 or More	20,234	74.62	25.1	121.1	0.45	5.98	16.61
Weekly Operating Hours							
39 or Fewer	Q	Q	Q	Q	Q	Q	99.99
40 to 48	2,942	Q	63.4	16.2	0.50	Q	35.94
49 to 60	3,565	83.27	32.5	21.6	0.50	6.05	22.63
61 to 84	3,692	70.74	38.4	24.7	0.47	6.68	23.49
85 to 167	12,091	Q	Q	61.9	Q	5.12	12.98
Open Continuously	6,357	87.69	47.8	38.0	0.52	5.97	17.48
Ownership and Occupancy							
Nongovernment Owned	5,936	105.65	55.0	34.9	0.62	5.87	26.66
Owner Occupied	6,475	114.17	65.0	37.4	0.66	5.78	27.59
Nonowner Occupied	Q	Q	Q	Q	Q	Q	99.99
Unoccupied	Q	Q	Q	Q	Q	Q	99.99
Government Owned	3,952	82.95	47.1	22.8	0.48	5.77	18.74
Space in Building Vacant for at Least Three Consecutive Months							
Yes	4,582	53.43	21.0	30.2	0.35	6.59	18.43
No	4,902	109.80	70.0	27.9	0.62	5.68	21.56
Energy Sources (more than one may apply)							
Electricity	4,844	94.22	51.2	28.2	0.55	5.83	15.81
Natural Gas	6,543	83.01	39.6	43.0	0.54	6.56	19.32
Fuel Oil	8,229	74.76	41.0	54.1	0.49	6.58	14.12
District Heat	4,849	94.14	51.2	28.3	0.55	5.83	19.73
District Chilled Water	5,366	116.82	68.0	29.9	0.65	5.57	26.74
Propane	Q	Q	Q	Q	Q	Q	99.99
Other	Q	Q	Q	Q	Q	Q	99.99
Energy End Uses (more than one may apply)							
Buildings with Space Heating	4,865	94.38	51.1	28.3	0.55	5.83	18.62
Buildings with Cooling	5,111	95.11	49.9	29.7	0.55	5.81	19.88
Buildings with Water Heating	5,176	91.35	49.4	30.0	0.53	5.80	19.00
Buildings with Cooking	10,446	89.33	40.3	62.7	0.54	6.00	16.19
Buildings with Manufacturing	Q	Q	Q	Q	Q	Q	99.99
Buildings with Electricity Generation	8,902	77.10	43.8	61.8	0.54	6.94	16.33
Space-Heating Energy Source							
District Heat	4,855	94.55	51.1	28.2	0.55	5.82	18.76
District Heat Main	4,731	95.98	51.4	27.8	0.56	5.88	19.05
District Heat Secondary	Q	Q	Q	Q	Q	Q	99.99
Other Excluding District Heat	Q	Q	Q	Q	Q	Q	99.99
Buildings without Space Heating	Q	Q	Q	Q	Q	Q	99.99

See footnotes at end of table.

Table 31. District Heat Consumption and Expenditure Intensities, 1995 (Continued)

Building Characteristics	District Heat Consumption			District Heat Expenditures			RSE Row Factor
	per Building (thousand pounds)	per Square Foot (pounds)	per Worker (thousand pounds)	per Building (thousand dollars)	per Square Foot (dollars)	per Thousand Pound (dollars)	
RSE Column Factor:	1.2	0.9	1.2	1.2	0.8	0.7	
Primary Space-Heating Energy Source							
Electricity	Q	Q	Q	Q	Q	Q	99.99
Natural Gas	Q	Q	Q	Q	Q	Q	99.99
Fuel Oil	Q	Q	Q	Q	Q	Q	99.99
District Heat	4,731	95.98	51.4	27.8	0.56	5.88	19.05
Propane	Q	Q	Q	Q	Q	Q	99.99
Other	Q	Q	Q	Q	Q	Q	99.99
Cooling Energy Source							
District Heat	Q	Q	Q	Q	Q	Q	99.99
Other Excluding District Heat	4,790	98.34	52.3	27.4	0.56	5.72	21.84
Buildings without Cooling	3,115	84.74	Q	18.6	0.51	5.99	29.64
Water-Heating Energy Source							
District Heat	7,586	102.89	56.9	42.6	0.58	5.61	20.14
Other Excluding District Heat	2,115	60.46	30.9	14.1	0.40	6.67	20.69
Buildings without Water Heating	Q	Q	Q	Q	Q	Q	99.99
Cooking Energy Source							
District Heat	14,172	128.80	66.3	90.0	0.82	6.35	23.34
Other Excluding District Heat	8,776	73.11	31.4	50.4	0.42	5.75	22.19
Buildings without Cooking	3,798	96.84	59.4	21.8	0.56	5.74	24.28
Percent of Floorspace Heated							
Not Heated	Q	Q	Q	Q	Q	Q	99.99
1 to 50	Q	Q	Q	Q	Q	Q	99.99
51 to 99	5,766	54.84	34.3	40.0	0.38	6.94	22.73
100	4,813	101.13	53.2	27.6	0.58	5.73	20.39

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.