Table 3.25. Season of Peak Electricity Demand, Number of Buildings and Floorspace, 1992

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:	0.8	0.6	0.8	1.1	1.8	1.0	0.7	0.9	1.1	1.8	
All Buildings	2,236	2,375	1,342	854	179	19,113	47,412	29,289	15,679	2,444	7.25
Building Floorspace (square feet)											
1,001 to 5,000	1,460	1,075	584	393	98	3,976	3,008	1,647	1,082	278	9.85
5,001 to 10,000	454	500	282	178	40	3,336	3,720	2,116	1,300	304	10.26
10,001 to 25,000	218	411	238	152	21	3,418	6,679	3,899	2,465	314	11.01
25,001 to 50,000	65	210	124	77	Q	2,360	7,496	4,445	2,726	Q	13.79
50,001 to 100,000	20	94	56	29	8	1,343	6,583	3,890	2,148	545	16.08
100,001 to 200,000	13	58	38	17	Q	1,711	7,948	5,196	2,374	Q	17.08
200,001 to 500,000	5	21	14	6	Q	1,520	6,157	4,305	1,707	Q	21.04
Over 500,000	2	8	5	2	Q	1,449	5,822	3,790	1,877	Q	31.58
Principal Building Activity											
Education	88	213	126	78	Q	1,833	6,637	3,752	2,579	Q	15.43
Food Sales	41	90	59	Q	Q	217	540	420	Q	Q	27.77
Food Service	65	195	133	56	Q	271	1,220	841	300	Q	16.21
Health Care	27	36	22	Q	Q	277	1,486	1,175	Q	Q	23.18
Lodging	50	104	58	41	Q	477	2,413	1,359	900	Q	22.64
Mercantile and Service	693	573	286	227	60	4,872	7,516	4,605	2,363	548	10.82
Office	341	408	259	119	30	2,845	9,473	6,803	2,302	368	12.39
Parking Garage	11	13	9	Q	Q	156	1,496	986	Q	Q	49.11
Public Assembly	123	154	93	44	Q	1,036	3,518	2,294	994	Q	17.10
Public Order and Safety	20	40	24	Q	Q	286	534	410	Q	Q	37.69
Religious Worship	263	103	67	32	Q	1,919	1,828	1,283	478	Q	21.65
Warehouse and Storage	360	325	153	143	30	3,160	8,019	4,073	3,450	496	16.69
Other	27	38	22	Q	Q	332	793	429	Q	Q	33.51
Vacant	126	84	30	46	Q	1,432	1,938	859	976	Q	25.74
Year Constructed											
1899 or Before	114	55	34	17	Q	815	906	555	281	Q	25.23
1900 to 1919	122	122	67	39	Q	1,288	2,113	1,099	843	Q	25.38
1920 to 1945	389	292	167	84	41	3,392	4,993	2,689	1,845	459	16.63
1946 to 1959	416	423	250	149	25	2,918	7,217	4,372	2,422	422	14.25
1960 to 1969	358	399	227	138	34	3,497	8,975	5,354	3,095	526	12.96
1970 to 1979	408	537	294	212	31	3,489	10,290	6,925	2,986	379	12.18
1980 to 1989	373	480	261	193	26	3,218	10,929	6,891	3,668	371	13.60
1990 to 1992	57	67	43	22	Q	495	1,987	1,404	538	Q	25.06
Census Region and Division											
Northeast	287	469	284	155	30	3,626	9,609	5,224	3,769	616	12.65
New England	72	114	71	31	Q	974	2,291	1,080	943	Q	30.26
Middle Atlantic	215	354	213	123	18	2,653	7,318	4,144	2,826	348	18.21
Midwest	692	447	259	151	36	6,013	10,889	7,057	3,399	433	12.46
East North Central	414	309	173	114	22	3,428	7,147	4,409	2,464	274	16.69
West North Central	278	138	86	38	Q	2,585	3,743	2,648	936	Q	20.79
South	818	1,054	549	430	75	5,577	18,395	11,089	6,411	896	12.50
South Atlantic	294	442	218	193	32	1,785	8,646	4,898	3,332	416	16.17
East South Central	244	184	114	56	Q	1,665	3,572	2,400	1,076	Q	28.09
West South Central	280	428	218	181	29	2,127	6,177	3,790	2,004	384	23.39
West	440	405	250	118	37	3,897	8,518	5,919	2,100	499	16.20
Mountain	141	141	73	56	Q	1,334	2,228	1,298	834	Q	30.01
Pacific	298	264	177	62	26	2,563	6,290	4,621	1,266	403	16.87

See footnotes at end of table.

Table 3.25. Season of Peak Electricity Demand, Number of Buildings and Floorspace, 1992 (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:	0.8	0.6	0.8	1.1	1.8	1.0	0.7	0.9	1.1	1.8	
Climate Zone: 45-Year Average											
Fewer than 2,000 CDD and --											
More than 7,000 HDD	240	142	81	45	Q	2,017	3,458	2,265	1,017	Q	26.72
5,500-7,000 HDD	478	611	358	207	46	4,319	13,401	7,760	4,930	711	14.63
4,000-5,499 HDD	604	435	237	177	21	6,371	9,594	6,009	3,189	396	19.94
Fewer than 4,000 HDD	545	510	337	133	40	3,931	10,934	7,679	2,709	546	20.87
More than 2,000 CDD and --											
Fewer than 4,000 HDD	370	678	329	292	57	2,476	10,025	5,576	3,835	615	19.77
Energy Sources (more than one may apply)											
Electricity	2,236	2,375	1,342	854	179	19,113	47,412	29,289	15,679	2,444	7.25
Natural Gas	1,220	1,436	917	399	120	12,788	32,198	20,764	9,619	1,816	9.21
Fuel Oil	271	286	149	114	23	2,852	10,356	6,647	3,210	499	16.25
District Heat	22	72	47	24	Q	1,092	4,152	2,812	1,177	Q	34.07
District Chilled Water	Q	22	14	8	Q	Q	1,702	1,028	599	Q	27.65
Propane	184	151	89	46	Q	1,058	2,328	1,509	718	Q	22.50
Any Other	103	56	20	30	Q	688	852	329	433	Q	29.13
Energy End Uses (more than one may apply)											
Heated Buildings	1,968	2,204	1,271	771	161	17,469	44,495	27,688	14,556	2,252	7.17
Buildings with A/C	1,531	1,971	1,187	645	139	14,924	42,117	27,057	13,037	2,023	7.64
Buildings with Water Heating	1,573	1,929	1,141	656	131	15,733	42,745	26,830	13,792	2,123	7.49
Buildings with Cooking	225	509	334	145	29	5,204	17,861	12,399	4,895	567	11.26
Buildings with Manufacturing	41	77	37	35	Q	466	2,701	1,296	1,256	Q	24.01
Workers (main shift)											
Less than 5	1,487	1,039	520	416	102	7,723	8,893	5,034	3,283	575	10.37
5 to 9	398	497	289	184	Q	2,720	4,805	2,685	1,916	Q	11.66
10 to 19	203	357	218	113	26	2,361	5,693	3,328	1,978	387	14.82
20 to 49	107	298	191	86	21	2,058	8,499	5,251	2,667	581	12.96
50 to 99	29	101	66	33	Q	1,543	6,220	3,714	2,391	Q	16.63
100 or More	12	84	58	22	Q	2,708	13,302	9,276	3,443	Q	16.18
Weekly Operating Hours											
39 or Fewer	585	301	147	121	34	3,545	3,520	1,838	1,387	294	15.46
40 to 48	594	674	359	256	59	4,443	10,503	6,460	3,494	549	11.52
49 to 60	518	473	265	178	30	4,578	9,442	5,453	3,555	433	11.09
61 to 84	261	380	237	121	22	2,916	9,112	5,765	3,004	343	13.62
85 to 167	161	315	188	106	Q	2,260	6,195	3,902	1,822	Q	14.76
Open Continuously	118	231	147	72	Q	1,371	8,640	5,870	2,416	Q	15.54
Ownership and Occupancy											
Nongovernment Owned	2,059	1,975	1,099	717	158	15,607	35,972	22,475	11,663	1,833	7.65
Owner Occupied	1,587	1,539	876	543	119	11,483	26,674	16,812	8,545	1,318	7.92
Single Establishment	1,415	1,383	781	493	109	9,321	20,431	12,728	6,618	1,085	8.85
Multiple Establishment	172	155	95	50	Q	2,161	6,243	4,083	1,927	Q	17.58
Nonowner Occupied	403	393	210	148	35	3,600	8,556	5,367	2,739	450	14.25
Single Establishment	235	249	135	92	Q	1,385	4,135	2,774	1,203	Q	17.10
Multiple Establishment	168	144	75	56	Q	2,215	4,421	2,593	1,536	Q	19.41
Vacant	69	43	Q	Q	Q	524	741	Q	Q	Q	32.25
Government Owned	177	401	243	136	21	3,506	11,440	6,813	4,015	611	13.37

See footnotes at end of table.

Table 3.25. Season of Peak Electricity Demand, Number of Buildings and Floorspace, 1992 (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:	0.8	0.6	0.8	1.1	1.8	1.0	0.7	0.9	1.1	1.8	
Space-Heating Energy Source											
Electricity	634	879	424	406	48	6,712	18,925	10,446	7,743	735	10.59
Electricity Main	465	642	290	323	29	3,956	11,546	6,232	5,026	288	12.34
Electricity Secondary	169	237	134	83	Q	2,756	7,378	4,214	2,718	Q	15.55
Other Excluding Electricity	1,334	1,325	847	366	113	10,757	25,571	17,241	6,812	1,517	8.57
Building Not Heated	268	171	71	82	Q	1,644	2,916	1,601	1,123	Q	26.80
Main Space-Heating Energy Source											
Electricity	465	642	290	323	29	3,956	11,546	6,232	5,026	288	12.34
Natural Gas	1,079	1,188	776	309	103	10,172	24,950	16,581	6,813	1,556	9.91
Fuel Oil	211	182	95	74	Q	1,388	3,016	1,825	1,061	Q	20.28
District Heat	21	67	42	23	Q	914	3,836	2,534	1,138	Q	24.30
Propane	132	85	53	Q	Q	507	594	397	Q	Q	29.44
Wood	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Any Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Replacement Energy Source for Main Heating											
Electricity Only	185	165	85	63	Q	938	1,621	926	457	Q	18.07
Natural Gas Only	105	109	46	53	Q	859	1,401	730	584	Q	24.17
Fuel Oil Only	69	91	54	30	Q	1,505	3,946	2,679	1,081	Q	22.10
Propane Only	105	105	66	33	Q	554	1,614	1,138	425	Q	21.40
Any Other Single Energy Source	40	Q	Q	Q	Q	133	Q	Q	Q	Q	22.05
More than One Energy Source	46	47	30	Q	Q	299	596	437	Q	Q	33.79
No Replacement Energy Source	1,418	1,671	977	577	117	13,181	34,973	21,492	11,876	1,606	7.95
Building Not Heated	268	171	71	82	Q	1,644	2,916	1,601	1,123	Q	26.80
Cooling Energy Source											
Electricity	1,491	1,914	1,151	628	134	14,315	40,313	25,933	12,437	1,943	7.67
Other Excluding Electricity	40	57	36	17	Q	609	1,804	1,124	600	Q	26.57
A/C Not Performed	706	404	156	209	40	4,189	5,295	2,232	2,642	421	15.84
Water-Heating Energy Source											
Electricity	781	915	481	389	45	6,910	18,572	10,533	7,231	807	10.15
Other Excluding Electricity	792	1,013	660	267	86	8,823	24,173	16,297	6,560	1,316	9.40
Water Heating Not Performed	663	447	201	197	48	3,381	4,667	2,458	1,887	321	16.64
Cooking Energy Source											
Electricity	106	250	153	86	Q	2,403	9,780	6,893	2,713	Q	14.20
Other Excluding Electricity	120	258	181	59	18	2,801	8,081	5,506	2,182	393	15.27
Cooking Not Performed	2,011	1,866	1,008	708	150	13,909	29,550	16,889	10,784	1,877	8.34
Percent of Floorspace Heated											
Not Heated	268	171	71	82	Q	1,644	2,916	1,601	1,123	Q	26.80
1 to 50	381	330	168	126	36	4,019	7,488	4,064	3,017	406	14.71
51 to 99	292	323	174	137	Q	2,788	7,411	4,253	2,647	Q	13.57
100	1,296	1,550	929	508	113	10,663	29,596	19,370	8,892	1,333	7.92
Percent of Floorspace Cooled											
Not Cooled	706	404	156	209	40	4,189	5,295	2,232	2,642	421	15.84
1 to 50	544	632	337	232	62	6,515	15,200	8,070	6,162	968	9.67
51 to 99	283	375	247	112	16	3,679	10,193	7,269	2,496	428	13.99
100	703	964	603	301	61	4,730	16,724	11,718	4,379	627	10.13

See footnotes at end of table.

Table 3.25. Season of Peak Electricity Demand, Number of Buildings and Floorspace, 1992 (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:	0.8	0.6	0.8	1.1	1.8	1.0	0.7	0.9	1.1	1.8	
Percent Lit when Open											
Not Lit	160	60	Q	Q	Q	1,158	776	Q	Q	Q	29.58
1 to 50	504	376	179	154	43	4,074	5,901	3,403	2,168	330	13.89
51 to 99	369	443	260	149	34	3,581	10,641	6,828	3,258	555	11.94
100	1,203	1,496	886	514	97	10,299	30,093	18,717	9,914	1,463	8.36
Percent Lit when Closed											
Not Lit	1,471	1,322	735	485	103	9,989	23,145	14,526	7,443	1,177	8.68
1 to 50	699	990	579	337	74	8,548	22,934	14,039	7,647	1,248	9.30
51 to 99	Q	23	13	Q	Q	Q	790	529	Q	Q	36.78
100	47	40	16	Q	Q	345	543	195	Q	Q	36.64
Lighting Equipment (more than one may apply)											
Incandescent	1,244	1,265	741	432	92	11,713	27,508	17,292	8,672	1,544	8.35
Standard Fluorescent	1,871	2,193	1,249	772	171	17,187	44,880	27,779	14,765	2,336	7.14
Compact Fluorescent	75	132	99	26	Q	2,162	6,173	4,496	1,473	Q	16.75
High-Intensity Discharge	110	244	138	87	19	3,201	14,369	8,391	5,207	771	13.28
Other	40	39	22	12	Q	552	1,060	733	308	Q	31.36
Commercial Refrigeration Equipment (more than one may apply)											
Any Equipment	336	634	403	197	35	5,977	19,429	12,966	5,704	759	10.68
Walk-in Units	160	431	288	121	22	3,830	14,850	10,090	4,221	539	12.33
Cases and Cabinets	270	513	322	164	27	5,165	15,822	10,656	4,540	626	11.12
None	1,900	1,741	940	657	144	13,136	27,982	16,323	9,975	1,685	8.59
Personal Computers and/or Computer Terminals											
1 to 4	645	625	363	212	49	4,916	8,439	5,087	2,761	591	9.89
5 to 9	112	224	136	72	Q	1,532	4,438	2,825	1,368	Q	14.76
10 to 19	63	153	92	55	Q	1,501	4,735	2,817	1,624	Q	16.97
20 to 49	34	130	81	41	Q	1,034	6,405	3,945	2,177	Q	17.44
50 or More	15	96	64	28	4	2,579	12,112	8,059	3,651	402	17.01
Annual Consumption (kilowatthours)											
10,000 or Less	824	265	99	122	44	3,593	1,156	475	498	183	17.30
10,001 to 50,000	938	834	450	319	66	5,489	6,210	3,254	2,500	456	10.85
50,001 to 100,000	268	404	255	121	28	2,686	4,398	2,606	1,523	269	13.63
100,001 to 500,000	182	646	394	221	30	3,724	12,316	7,436	4,222	657	10.68
500,001 to 1,000,000	12	103	61	37	Q	799	5,559	3,239	2,111	Q	19.06
1,000,001 to 5,000,000	9	108	73	30	Q	1,342	11,274	7,460	3,304	Q	16.01
Over 5,000,000	3	15	11	4	Q	1,480	6,498	4,817	1,520	Q	23.49
Peak Electricity Demand (kilowatts)											
10 or Less	Q	434	195	164	75	Q	2,330	994	981	355	17.38
11 to 25	Q	635	343	251	41	Q	4,410	2,374	1,753	283	12.61
26 to 50	Q	500	324	151	25	Q	4,994	3,101	1,516	377	12.44
51 to 100	Q	389	233	140	16	Q	6,929	4,208	2,406	314	12.40
101 to 250	Q	246	140	94	Q	Q	8,410	4,716	3,350	Q	12.31
251 to 1,000	Q	141	89	42	Q	Q	12,155	7,851	3,697	Q	13.56
Over 1,000	Q	30	18	11	Q	Q	8,184	6,045	1,974	Q	23.08

See footnotes at end of table.

Table 3.25. Season of Peak Electricity Demand, Number of Buildings and Floorspace, 1992 (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:	0.8	0.6	0.8	1.1	1.8	1.0	0.7	0.9	1.1	1.8	
Building Generates Electricity											
Yes	44	109	72	30	Q	1,755	8,618	6,069	2,167	Q	16.12
No	2,192	2,266	1,271	824	172	17,358	38,794	23,220	13,512	2,062	7.55

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. • A/C = 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 1992 Commercial Buildings Energy Consumption Survey.

Table 3.26. Electricity Consumption and Conditional Energy Intensity by Season of Peak Demand, 1992

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:	1.1	0.8	1.0	1.2	2.2	0.8	0.6	0.7	0.9	1.7	
All Buildings	136	629	414	187	28	7.10	13.27	14.14	11.90	11.52	7.65
Building Floorspace (square feet)											
1,001 to 5,000	34	64	38	23	3	8.55	21.28	23.11	20.88	12.03	10.34
5,001 to 10,000	18	55	34	18	4	5.53	14.84	15.94	13.60	12.47	14.34
10,001 to 25,000	17	81	50	27	4	5.09	12.10	12.84	10.79	13.02	11.16
25,001 to 50,000	12	90	57	32	Q	5.07	11.99	12.71	11.72	Q	17.84
50,001 to 100,000	8	83	56	20	7	5.67	12.56	14.33	9.32	12.73	16.26
100,001 to 200,000	13	89	58	26	Q	7.35	11.21	11.20	10.95	Q	18.40
200,001 to 500,000	19	87	60	25	Q	12.23	14.16	13.92	14.52	Q	23.33
Over 500,000	15	80	62	17	Q	10.40	13.76	16.33	9.05	Q	24.79
Principal Building Activity											
Education	12	56	31	22	Q	6.79	8.48	8.30	8.61	Q	13.08
Food Sales	6	27	22	Q	Q	25.93	50.68	51.93	Q	Q	19.39
Food Service	7	34	21	10	Q	24.73	27.56	25.49	34.86	Q	19.59
Health Care	5	35	28	Q	Q	19.03	23.63	24.18	Q	Q	16.68
Lodging	6	50	28	19	Q	11.98	20.59	20.92	21.30	Q	25.98
Mercantile and Service	38	92	58	27	7	7.77	12.30	12.63	11.48	12.97	11.73
Office	29	178	126	44	7	10.06	18.74	18.55	19.12	19.95	12.94
Parking Garage	1	Q	Q	Q	Q	6.05	6.95	8.47	Q	Q	49.19
Public Assembly	7	44	28	14	Q	6.34	12.54	12.31	14.37	Q	20.89
Public Order and Safety	Q	5	4	Q	Q	9.57	10.19	9.80	Q	Q	40.40
Religious Worship	5	5	3	1	Q	2.36	2.59	2.38	3.11	Q	20.91
Warehouse and Storage	12	62	37	23	2	3.93	7.71	9.02	6.65	4.35	21.03
Other	Q	19	11	Q	Q	Q	23.65	26.27	Q	Q	24.44
Vacant	2	12	7	4	Q	1.47	5.96	7.96	4.25	Q	29.44
Year Constructed											
1899 or Before	3	9	5	4	Q	3.34	9.41	8.53	12.91	Q	32.84
1900 to 1919	4	15	11	4	Q	3.25	7.32	9.81	4.84	Q	26.85
1920 to 1945	19	45	30	11	4	5.55	8.96	11.09	5.90	8.76	18.58
1946 to 1959	17	80	56	18	7	5.78	11.14	12.77	7.38	15.78	18.24
1960 to 1969	30	124	80	37	7	8.68	13.85	14.92	11.94	14.13	16.40
1970 to 1979	31	153	103	47	4	8.83	14.92	14.80	15.63	11.32	12.15
1980 to 1989	27	174	113	57	4	8.53	15.96	16.33	15.67	12.09	12.99
1990 to 1992	4	28	18	9	Q	8.87	13.90	12.89	16.78	Q	22.96
Census Region and Division											
Northeast	28	94	62	30	3	7.82	9.82	11.78	7.92	4.85	11.79
New England	6	24	13	9	Q	6.34	10.37	12.40	9.25	Q	21.43
Middle Atlantic	22	71	48	21	1	8.36	9.65	11.62	7.48	3.89	14.42
Midwest	40	142	101	37	4	6.73	13.01	14.29	10.81	9.36	15.52
East North Central	22	88	64	22	2	6.36	12.36	14.59	9.04	6.26	16.75
West North Central	19	53	37	14	Q	7.22	14.26	13.79	15.49	Q	24.21
South	37	257	157	88	12	6.62	13.96	14.13	13.68	13.80	12.27
South Atlantic	16	119	65	47	7	8.88	13.75	13.25	14.08	17.03	16.83
East South Central	12	57	40	17	Q	6.92	16.04	16.54	15.81	Q	25.98
West South Central	10	81	52	24	5	4.48	13.03	13.72	11.88	12.21	16.77
West	30	136	95	32	9	7.68	15.98	16.06	15.37	17.53	15.64
Mountain	13	41	26	13	Q	9.64	18.59	20.29	15.47	Q	27.17
Pacific	17	95	69	19	7	6.65	15.05	14.87	15.31	16.31	17.30

See footnotes at end of table.

Table 3.26. Electricity Consumption and Conditional Energy Intensity by Season of Peak Demand, 1992 (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:	1.1	0.8	1.0	1.2	2.2	0.8	0.6	0.7	0.9	1.7	
Climate Zone: 45-Year Average											
Fewer than 2,000 CDD and --											
More than 7,000 HDD	9	47	29	16	Q	4.62	13.73	12.67	15.67	Q	22.63
5,500-7,000 HDD	30	152	106	41	5	6.94	11.33	13.60	8.39	7.04	13.98
4,000-5,499 HDD	54	121	85	32	3	8.43	12.62	14.22	10.10	8.51	14.01
Fewer than 4,000 HDD	24	169	111	48	11	6.18	15.49	14.43	17.71	19.29	16.05
More than 2,000 CDD and --											
Fewer than 4,000 HDD	18	139	84	49	6	7.41	13.88	15.00	12.81	10.38	16.18
Energy Sources (more than one may apply)											
Electricity	136	629	414	187	28	7.10	13.27	14.14	11.90	11.52	7.64
Natural Gas	97	421	293	107	21	7.59	13.09	14.11	11.17	11.62	8.86
Fuel Oil	24	168	116	44	8	8.43	16.24	17.48	13.75	15.88	15.02
District Heat	14	68	52	15	Q	12.48	16.40	18.37	12.33	Q	29.44
District Chilled Water	Q	32	19	11	Q	Q	18.63	18.89	18.00	Q	25.83
Propane	6	33	21	9	Q	5.74	13.97	14.14	13.15	Q	20.52
Any Other	2	8	5	3	Q	3.57	9.91	16.59	6.24	Q	29.12
Energy End Uses (more than one may apply)											
Heated Buildings	132	600	396	178	27	7.56	13.49	14.28	12.20	12.09	7.54
Buildings with A/C	125	592	394	171	26	8.37	14.05	14.58	13.13	12.97	7.77
Buildings with Water Heating	126	597	394	177	26	8.02	13.97	14.68	12.84	12.46	7.85
Buildings with Cooking	56	284	203	74	7	10.84	15.92	16.37	15.12	12.93	10.53
Buildings with Manufacturing	3	31	18	12	Q	6.83	11.63	13.77	9.24	Q	22.53
Workers (main shift)											
Less than 5	32	81	49	29	3	4.16	9.09	9.73	8.68	5.87	14.04
5 to 9	20	49	29	18	Q	7.29	10.15	10.67	9.49	Q	13.45
10 to 19	15	71	44	23	4	6.30	12.50	13.27	11.81	9.42	15.46
20 to 49	17	107	68	31	8	8.11	12.60	12.91	11.77	13.57	13.34
50 to 99	11	86	53	31	Q	7.15	13.82	14.23	12.99	Q	21.48
100 or More	41	235	172	54	9	15.16	17.67	18.51	15.71	15.87	13.69
Weekly Operating Hours											
39 or Fewer	7	17	8	7	1	2.01	4.70	4.59	4.82	4.79	13.70
40 to 48	29	112	76	32	5	6.54	10.70	11.76	9.09	8.48	12.96
49 to 60	24	102	63	35	4	5.21	10.76	11.53	9.87	8.44	11.11
61 to 84	24	117	81	31	5	8.15	12.88	14.10	10.34	14.55	14.96
85 to 167	30	102	66	30	6	13.11	16.47	16.99	16.47	12.22	14.68
Open Continuously	22	179	119	52	Q	16.18	20.71	20.32	21.52	Q	15.30
Ownership and Occupancy											
Nongovernment Owned	103	499	337	142	21	6.62	13.87	14.97	12.17	11.21	8.07
Owner Occupied	76	392	261	115	15	6.58	14.69	15.54	13.48	11.72	8.74
Single Establishment	61	313	202	99	12	6.49	15.32	15.89	14.90	11.20	9.60
Multiple Establishment	15	79	59	17	Q	6.94	12.63	14.44	8.62	Q	17.15
Nonowner Occupied	27	104	73	26	5	7.46	12.12	13.68	9.32	10.53	13.76
Single Establishment	11	55	43	9	Q	7.69	13.23	15.67	7.64	Q	19.44
Multiple Establishment	16	49	30	16	Q	7.31	11.08	11.55	10.63	Q	18.34
Vacant	1	3	Q	Q	Q	1.71	4.67	Q	Q	Q	51.14
Government Owned	32	130	78	45	8	9.24	11.36	11.39	11.13	12.43	13.37

See footnotes at end of table.

Table 3.26. Electricity Consumption and Conditional Energy Intensity by Season of Peak Demand, 1992 (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:	1.1	0.8	1.0	1.2	2.2	0.8	0.6	0.7	0.9	1.7	
Space-Heating Energy Source											
Electricity	66	286	168	110	9	9.85	15.13	16.07	14.20	11.61	10.70
Electricity Main	39	196	107	84	4	9.75	16.96	17.23	16.76	14.54	12.29
Electricity Secondary	28	91	61	26	4	9.98	12.27	14.36	9.46	9.72	16.61
Other Excluding Electricity	66	314	228	68	19	6.13	12.28	13.20	9.93	12.33	9.24
Building Not Heated	4	29	Q	Q	Q	2.18	9.80	11.64	Q	Q	33.73
Main Space-Heating Energy Source											
Electricity	39	196	107	84	4	9.75	16.96	17.23	16.76	14.54	12.29
Natural Gas	70	305	218	68	18	6.92	12.23	13.17	10.03	11.83	9.40
Fuel Oil	6	26	18	7	Q	4.29	8.53	9.66	6.33	Q	17.71
District Heat	13	62	46	14	Q	14.75	16.22	18.28	12.26	Q	25.02
Propane	3	6	3	Q	Q	5.54	9.95	8.61	Q	Q	31.83
Wood	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Any Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Replacement Energy Source for Main Heating											
Electricity Only	7	16	9	5	Q	7.11	9.59	10.17	10.30	Q	21.23
Natural Gas Only	7	17	10	6	Q	8.23	11.97	13.89	10.68	Q	28.57
Fuel Oil Only	11	65	44	18	Q	7.21	16.53	16.34	16.19	Q	22.86
Propane Only	3	18	13	4	Q	5.85	11.12	11.73	9.76	Q	25.87
Any Other Single Energy Source	(*)	Q	Q	Q	Q	3.28	Q	Q	Q	Q	31.66
More than One Energy Source	2	7	6	Q	Q	6.44	12.51	13.90	Q	Q	31.65
No Replacement Energy Source	102	474	310	144	20	7.73	13.56	14.43	12.11	12.60	7.73
Building Not Heated	4	29	Q	Q	Q	2.18	9.80	11.64	Q	Q	33.73
Cooling Energy Source											
Electricity	120	562	377	161	24	8.35	13.94	14.54	12.93	12.44	7.81
Other Excluding Electricity	5	30	17	10	Q	8.64	16.55	15.45	17.35	Q	32.85
A/C Not Performed	11	37	20	15	2	2.58	6.98	8.82	5.82	4.52	23.35
Water-Heating Energy Source											
Electricity	53	269	154	104	11	7.72	14.47	14.62	14.32	13.80	11.16
Other Excluding Electricity	73	329	240	74	15	8.25	13.60	14.72	11.21	11.63	9.60
Water Heating Not Performed	9	32	20	10	2	2.81	6.76	8.27	5.05	5.30	21.47
Cooking Energy Source											
Electricity	31	164	120	41	Q	12.84	16.75	17.45	15.09	Q	11.24
Other Excluding Electricity	26	120	83	33	5	9.13	14.91	15.02	15.17	11.99	14.67
Cooking Not Performed	79	345	211	113	21	5.70	11.66	12.51	10.44	11.09	9.11
Percent of Floorspace Heated											
Not Heated	4	29	Q	Q	Q	2.18	9.80	11.64	Q	Q	33.73
1 to 50	22	53	32	18	2	5.49	7.03	7.90	6.05	5.51	16.98
51 to 99	23	103	61	37	Q	8.42	13.94	14.24	13.86	Q	13.31
100	87	444	303	123	19	8.11	15.02	15.63	13.79	14.18	8.57
Percent of Floorspace Cooled											
Not Cooled	11	37	20	15	2	2.58	6.98	8.82	5.82	4.52	23.35
1 to 50	33	107	60	39	7	5.03	7.04	7.49	6.40	7.33	11.25
51 to 99	44	175	122	47	6	12.04	17.17	16.81	18.85	13.56	13.19
100	48	310	212	85	13	10.10	18.53	18.08	19.36	21.29	10.29

See footnotes at end of table.

Table 3.26. Electricity Consumption and Conditional Energy Intensity by Season of Peak Demand, 1992 (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:	1.1	0.8	1.0	1.2	2.2	0.8	0.6	0.7	0.9	1.7	
Percent Lit when Open											
Not Lit	1	3	Q	1	Q	1.29	4.45	Q	2.48	Q	37.46
1 to 50	12	37	24	11	1	2.93	6.20	7.06	5.15	4.30	19.39
51 to 99	29	131	90	37	5	8.12	12.32	13.19	11.22	8.12	12.27
100	93	458	298	138	22	9.04	15.21	15.91	13.93	14.91	8.94
Percent Lit when Closed											
Not Lit	59	310	201	94	16	5.92	13.41	13.86	12.57	13.21	10.12
1 to 50	71	297	200	84	12	8.36	12.94	14.26	10.99	9.95	8.95
51 to 99	Q	13	9	Q	Q	Q	16.57	17.50	Q	Q	40.10
100	2	9	3	Q	Q	5.01	16.04	16.85	Q	Q	37.89
Lighting Equipment (more than one may apply)											
Incandescent	91	389	251	119	19	7.77	14.14	14.53	13.74	12.04	9.29
Standard Fluorescent	131	601	395	178	28	7.62	13.39	14.23	12.04	11.98	7.51
Compact Fluorescent	24	110	86	21	Q	11.27	17.83	19.19	14.13	Q	15.08
High-Intensity Discharge	34	183	113	61	9	10.52	12.73	13.44	11.81	11.24	13.18
Other	3	16	13	3	Q	6.05	15.04	17.35	9.35	Q	36.10
Commercial Refrigeration Equipment (more than one may apply)											
Any Equipment	69	326	226	89	10	11.60	16.75	17.43	15.67	13.38	9.62
Walk-in Units	54	267	187	72	8	14.19	17.98	18.56	17.00	14.66	10.82
Cases and Cabinets	62	275	192	74	9	11.92	17.35	17.98	16.31	14.16	10.61
None	66	303	188	97	18	5.05	10.84	11.53	9.75	10.68	9.76
Personal Computers and/or Computer Terminals											
1 to 4	30	94	54	35	6	6.00	11.16	10.60	12.52	9.60	12.19
5 to 9	9	59	39	16	Q	6.03	13.18	13.96	11.89	Q	16.26
10 to 19	13	60	36	22	Q	8.83	12.64	12.77	13.36	Q	17.40
20 to 49	10	75	53	18	Q	9.98	11.68	13.36	8.28	Q	14.60
50 or More	40	223	155	60	8	15.39	18.42	19.28	16.36	19.92	13.82
Annual Consumption (kilowatthours)											
10,000 or Less	4	2	1	1	(*)	1.07	1.30	1.19	1.32	1.55	17.51
10,001 to 50,000	22	22	12	9	2	4.02	3.60	3.72	3.45	3.50	10.19
50,001 to 100,000	19	29	19	9	2	7.15	6.66	7.11	5.75	7.47	12.72
100,001 to 500,000	33	141	86	49	7	8.88	11.45	11.52	11.53	10.15	9.20
500,001 to 1,000,000	9	70	41	25	Q	10.96	12.51	12.78	11.91	Q	15.21
1,000,001 to 5,000,000	19	208	146	53	Q	14.31	18.44	19.56	15.96	Q	13.72
Over 5,000,000	29	157	110	42	Q	19.92	24.21	22.82	27.64	Q	17.57
Peak Electricity Demand (kilowatts)											
10 or Less	Q	6	3	2	1	Q	2.38	2.71	2.06	2.30	17.24
11 to 25	Q	23	12	8	2	Q	5.12	5.21	4.84	6.09	13.02
26 to 50	Q	45	30	13	3	Q	9.06	9.64	8.35	7.14	14.25
51 to 100	Q	74	42	28	3	Q	10.62	10.02	11.81	9.55	10.97
101 to 250	Q	103	61	37	Q	Q	12.28	13.01	11.10	Q	10.65
251 to 1,000	Q	198	139	50	10	Q	16.31	17.64	13.46	16.34	13.45
Over 1,000	Q	181	127	48	Q	Q	22.06	21.03	24.35	Q	15.23

See footnotes at end of table.

Table 3.26. Electricity Consumption and Conditional Energy Intensity by Season of Peak Demand, 1992 (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:	1.1	0.8	1.0	1.2	2.2	0.8	0.6	0.7	0.9	1.7	
Building Generates Electricity											
Yes	22	164	122	36	Q	12.27	19.06	20.10	16.54	Q	13.93
No	114	465	292	151	22	6.57	11.98	12.58	11.16	10.53	8.21

(*) = 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. • A/C = 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 1992 Commercial Buildings Energy Consumption Survey.