

Table C1.83. Commercial Building Characteristics, 1983

Building Characteristics	Total Floorspace (million square feet)	Buildings (thousand)	Floorspace per Building (square feet)	RSE Row Factors
	1.3	1.2	0.7	
RSE Column Factors:				
All Buildings	49,471	3,185	15,531	5.3
Census Region				
Northeast	10,253	525	19,543	8.8
Midwest	15,248	987	15,445	8.0
South	16,611	1,183	14,042	9.9
West	7,359	490	15,006	15.6
Census Division¹				
New England				
Middle Atlantic				
East North Central				
West North Central				
South Atlantic				
East South Central				
West South Central				
Mountain				
Pacific				
Principal Building Activity				
Assembly	5,460	420	13,007	12.2
Education	6,041	171	35,332	10.3
Food Sales and Service	2,012	322	6,250	7.0
Health Care	2,271	54	42,329	18.6
Lodging	2,235	97	23,104	13.5
Mercantile and Service	10,322	900	11,475	12.2
Office	8,311	501	16,575	6.1
Warehouse	6,763	357	18,921	8.0
Other	2,743	127	21,591	10.0
Vacant	3,315	237	13,991	13.9
Building Floorspace (square feet)				
1,001 to 2,000	830	552	1,505	4.1
2,001 to 5,000	3,453	1,039	3,323	2.9
5,001 to 10,000	4,981	687	7,245	3.9
10,001 to 25,000	8,164	519	15,735	4.3
25,001 to 50,000	7,260	209	34,757	4.8
50,001 to 100,000	6,928	103	67,089	4.2
100,001 to 200,000	6,393	48	134,349	4.8
200,001 to 500,000	7,045	24	298,641	6.1
Over 500,000	4,418	5	939,527	19.3
Year Constructed				
1899 or Before	1,838	157	11,677	13.4
1900 to 1919	4,539	303	14,996	9.0
1920 to 1945	8,711	626	13,923	8.6
1946 to 1959	8,419	671	12,549	7.6
1960 to 1969	9,538	601	15,868	7.4
1970 to 1979	10,803	697	15,501	7.9
1980 to 1983	5,623	131	43,053	20.2

¹ Census Division Data were not collected in 1983.

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-788 of the 1983 Nonresidential Buildings Energy Consumption Survey.

Table C2A.83. Energy Sources Used for All End Uses in Commercial Buildings, Number of Buildings and Total Floorspace, 1983

Building Characteristics	All Buildings		Energy Sources						RSE Row Factors
			Any Energy Source		Electricity		Natural Gas		
	Buildings (thousand)	Floorspace (million sq.ft.)	Buildings (thousand)	Floorspace (million sq.ft.)	Buildings (thousand)	Floorspace (million sq.ft.)	Buildings (thousand)	Floorspace (million sq.ft.)	
	0.9	1.0	0.9	1.0	0.9	1.0	1.1	1.2	
RSE Column Factors:	0.9	1.0	0.9	1.0	0.9	1.0	1.1	1.2	
All Buildings	3,185	49,471	3,062	48,460	3,052	48,327	1,904	33,935	6.3
Census Region									
Northeast	525	10,253	510	10,051	509	9,982	329	6,948	10.3
Midwest	987	15,248	950	14,914	946	14,881	759	12,793	8.5
South	1,183	16,611	1,130	16,255	1,126	16,224	517	9,170	13.3
West	490	7,359	472	7,240	472	7,240	299	5,024	18.4
Census Division ¹									
New England									
Middle Atlantic									
East North Central									
West North Central									
South Atlantic									
East South Central									
West South Central									
Mountain									
Pacific									
Principal Building Activity									
Assembly	420	5,460	417	5,452	415	5,426	262	4,018	12.1
Education	171	6,041	171	6,041	171	6,034	115	4,448	11.0
Food Sales and Service	322	2,012	322	2,010	320	2,008	202	1,424	8.2
Health Care	54	2,271	54	2,271	54	2,271	36	2,047	18.8
Lodging	97	2,235	97	2,235	97	2,235	63	1,720	13.5
Mercantile and Service	900	10,322	889	10,244	887	10,238	581	7,905	11.7
Office	501	8,311	501	8,300	500	8,271	314	5,496	8.2
Warehouse	357	6,763	336	6,677	336	6,677	183	4,348	9.0
Other	127	2,743	123	2,725	123	2,725	68	1,264	10.2
Vacant	237	3,315	152	2,505	150	2,441	81	1,263	14.8
Building Floorspace (square feet)									
1,001 to 2,000	552	830	517	780	515	778	314	474	8.9
2,001 to 5,000	1,039	3,453	988	3,294	985	3,282	549	1,832	5.8
5,001 to 10,000	687	4,981	667	4,818	664	4,795	442	3,227	7.5
10,001 to 25,000	519	8,164	511	8,046	510	8,024	334	5,236	8.0
25,001 to 50,000	209	7,260	203	7,038	203	7,038	141	4,934	8.9
50,001 to 100,000	103	6,928	100	6,736	100	6,729	69	4,655	8.0
100,001 to 200,000	48	6,393	47	6,364	47	6,362	36	4,872	9.3
200,001 to 500,000	24	7,045	23	6,966	23	6,908	17	4,923	11.3
Over 500,000	5	4,418	5	4,418	5	4,411	4	3,782	32.7
Year Constructed									
1899 or Before	157	1,838	153	1,788	153	1,788	103	1,323	17.1
1900 to 1919	303	4,539	287	4,360	286	4,343	199	3,123	10.1
1920 to 1945	626	8,711	589	8,306	584	8,233	411	5,850	8.7
1946 to 1959	671	8,419	626	8,247	624	8,233	395	6,196	9.2
1960 to 1969	601	9,538	594	9,484	594	9,478	378	7,191	8.4
1970 to 1979	697	10,803	685	10,692	685	10,678	346	6,609	9.7
1980 to 1983	131	5,623	127	5,583	127	5,573	72	3,643	20.6

¹ Census Division Data were not collected in 1983.

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-788 of the 1983 Nonresidential Buildings Energy Consumption Survey.

Table C2B.83. Energy Sources Used for All End Uses in Commercial Buildings, Number of Buildings and Total Floorspace, 1983 (Continued)

Building Characteristics	Energy Sources								RSE Row Factors
	Fuel Oil		District Heat		District Chilled Water		Propane		
	Buildings (thousand)	Floorspace (million sq.ft.)	Buildings (thousand)	Floorspace (million sq.ft.)	Buildings (thousand)	Floorspace (million sq.ft.)	Buildings (thousand)	Floorspace (million sq.ft.)	
	0.7	0.7	1.1	1.0	1.6	1.2	1.1	1.0	
RSE Column Factors:	0.7	0.7	1.1	1.0	1.6	1.2	1.1	1.0	
All Buildings	441	9,409	57	4,454	8	734	191	2,562	16.5
Census Region									
Northeast	180	4,205	15	1,319	Q	74	Q	466	26.4
Midwest	88	1,767	21	1,881	2	266	49	436	27.2
South	142	2,840	Q	769	1	284	110	1,593	21.6
West	31	597	10	485	Q	110	10	66	30.7
Census Division ¹									
New England									
Middle Atlantic									
East North Central									
West North Central									
South Atlantic									
East South Central									
West South Central									
Mountain									
Pacific									
Principal Building Activity									
Assembly	80	754	8	501	Q	Q	39	319	31.6
Education	31	1,431	8	408	1	78	6	346	32.4
Food Sales and Service	33	281	3	81	*	*	38	258	38.8
Health Care	10	1,221	Q	392	Q	120	1	Q	34.9
Lodging	12	521	10	512	Q	35	11	125	40.7
Mercantile and Service	138	1,499	3	Q	Q	31	57	Q	25.2
Office	62	1,589	9	1,197	Q	343	8	84	23.7
Warehouse	42	1,114	Q	Q	Q	Q	17	595	31.0
Other	19	647	6	443	Q	Q	13	115	45.1
Vacant	Q	353	4	287	Q	23	Q	Q	38.0
Building Floorspace (square feet)									
1,001 to 2,000	60	92	*	*	Q	Q	31	51	22.7
2,001 to 5,000	134	452	Q	Q	Q	Q	75	256	26.3
5,001 to 10,000	96	668	8	60	Q	Q	42	286	28.2
10,001 to 25,000	90	1,326	13	225	1	23	29	470	23.9
25,001 to 50,000	27	979	13	427	Q	Q	7	238	28.9
50,001 to 100,000	16	1,058	9	607	2	123	3	186	24.3
100,001 to 200,000	9	1,304	5	672	1	63	3	418	25.4
200,001 to 500,000	8	2,331	5	1,629	1	238	1	266	30.4
Over 500,000	1	1,200	1	817	*	237	*	Q	27.7
Year Constructed									
1899 or Before	39	387	Q	Q	*	*	17	109	37.4
1900 to 1919	57	936	6	493	Q	38	Q	Q	27.7
1920 to 1945	98	1,764	16	1,010	1	Q	31	337	24.8
1946 to 1959	115	2,399	18	852	Q	Q	40	530	23.4
1960 to 1969	64	1,498	8	960	2	163	32	Q	24.1
1970 to 1979	62	1,530	4	579	Q	219	53	741	23.0
1980 to 1983	6	895	Q	Q	Q	62	6	146	35.3

¹ Census Division Data were not collected in 1983.

* = Value rounds to zero in the units displayed.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-788 of the 1983 Nonresidential Buildings Energy Consumption Survey.

Table C3.83. Energy Sources Used for Space Heating in Commercial Buildings, Number of Buildings and Total Floorspace, 1983

Building Characteristics	Energy Sources												RSE Row Factors
	Any Energy Source		Electricity		Natural Gas		Fuel Oil		District Heat		Propane		
	Build-ings (thou- sand)	Floor- space (million sq.ft.)	Build-ings (thou- sand)	Floor- space (million sq.ft.)	Build-ings (thou- sand)	Floor- space (million sq.ft.)	Build-ings (thou- sand)	Floor- space (million sq.ft.)	Build-ings (thou- sand)	Floor- space (million sq.ft.)	Build-ings (thou- sand)	Floor- space (million sq.ft.)	
	0.5	0.6	1.0	1.0	0.7	0.7	1.1	1.0	1.7	1.4	1.6	1.7	
All Buildings	2,808	45,685	892	15,325	1,671	26,885	397	6,835	54	4,297	115	927	11.4
Census Region													
Northeast	477	9,541	98	2,436	266	4,600	172	3,470	15	1,301	Q	Q	16.4
Midwest	905	14,499	155	2,607	707	11,079	75	,988	21	1,806	43	301	16.6
South	1,012	15,003	487	7,492	447	7,019	121	2,061	9	744	58	567	20.8
West	414	6,641	152	2,790	251	4,188	29	316	9	445	7	35	27.1
Census Division¹													
New England													
Middle Atlantic													
East North Central													
West North Central													
South Atlantic													
East South Central													
West South Central													
Mountain													
Pacific													
Principal Building Activity													
Assembly	405	5,343	132	1,806	237	3,363	72	657	8	474	18	73	21.4
Education	167	5,822	46	1,226	100	3,534	29	1,324	7	393	Q	43	21.7
Food Sales and Service	308	1,967	107	678	176	1,162	31	247	2	76	19	59	20.3
Health Care	53	2,265	15	394	31	1,635	5	387	Q	357	*	*	27.9
Lodging	92	2,197	49	811	37	933	9	355	9	482	Q	Q	24.8
Mercantile and Service	803	9,751	188	3,815	525	6,040	131	1,403	3	Q	46	260	18.9
Office	491	8,194	197	2,891	279	4,279	52	913	9	1,191	Q	29	16.4
Warehouse	271	5,843	89	2,047	163	3,927	39	1,018	Q	Q	13	343	18.2
Other	104	2,423	30	960	54	1,036	13	251	6	437	11	65	25.2
Vacant	112	1,879	39	697	68	976	Q	279	5	278	Q	Q	26.6
Building Floorspace (square feet)													
1,001 to 2,000	461	701	109	164	277	419	58	89	*	*	28	45	17.3
2,001 to 5,000	879	2,894	284	917	491	1,622	121	408	Q	Q	54	186	15.2
5,001 to 10,000	629	4,548	208	1,489	401	2,905	90	627	8	65	15	105	17.7
10,001 to 25,000	486	7,676	182	2,885	282	4,467	79	1,166	13	226	15	246	14.8
25,001 to 50,000	186	6,495	58	2,036	120	4,196	24	856	11	375	Q	Q	16.1
50,001 to 100,000	95	6,398	28	1,885	57	3,849	13	837	9	595	Q	Q	15.1
100,001 to 200,000	45	6,049	15	1,873	28	3,784	7	1,047	4	613	Q	Q	16.0
200,001 to 500,000	22	6,679	5	1,658	12	3,526	4	1,121	5	1,622	Q	Q	19.9
Over 500,000	5	4,244	Q	Q	2	2,117	1	685	1	786	Q	Q	31.4
Year Constructed													
1899 or Before	143	1,693	27	372	92	1,111	38	370	Q	Q	Q	Q	28.6
1900 to 1919	266	4,118	54	862	183	2,474	55	838	4	438	Q	Q	20.0
1920 to 1945	524	7,401	124	1,516	360	4,605	87	1,580	16	943	20	93	16.9
1946 to 1959	567	7,809	146	1,884	341	5,173	105	1,869	17	829	22	Q	17.6
1960 to 1969	549	9,160	183	2,744	336	5,832	55	1,130	9	938	22	180	16.6
1970 to 1979	642	10,254	300	4,604	298	5,511	55	928	4	604	33	249	16.2
1980 to 1983	117	5,249	59	3,343	60	2,180	2	119	Q	Q	4	49	30.2

¹ Census Division Data were not collected in 1983.

* = Value rounds to zero in the units displayed.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-788 of the 1983 Nonresidential Buildings Energy Consumption Survey.

Table C4.83. Energy Sources Used for Cooling in Commercial Buildings, Number of Buildings and Total Floorspace, 1983

Building Characteristics	Energy Sources								RSE Row Factors
	Any Energy Source		Electricity		Natural Gas		District Chilled Water		
	Buildings (thousand)	Floorspace (million sq.ft.)	Buildings (thousand)	Floorspace (million sq.ft.)	Buildings (thousand)	Floorspace (million sq.ft.)	Buildings (thousand)	Floorspace (million sq.ft.)	
	0.6	0.7	0.6	0.7	1.5	1.5	1.5	1.5	
RSE Column Factors:	0.6	0.7	0.6	0.7	1.5	1.5	1.5	1.5	
All Buildings	2,194	40,183	2,089	37,476	126	2,580	4	585	11.7
Census Region									
Northeast	348	8,087	326	7,368	25	471	Q	Q	14.0
Midwest	665	12,428	629	11,402	41	996	Q	233	16.6
South	921	14,730	894	14,103	30	733	1	243	17.6
West	260	4,938	241	4,604	29	381	2	76	23.6
Census Division ¹									
New England									
Middle Atlantic									
East North Central									
West North Central									
South Atlantic									
East South Central									
West South Central									
Mountain									
Pacific									
Principal Building Activity									
Assembly	278	4,266	267	3,995	Q	319	Q	Q	21.5
Education	124	4,577	117	4,169	7	Q	1	74	22.2
Food Sales and Service	268	1,666	257	1,521	19	155	*	*	15.3
Health Care	51	2,256	49	1,980	1	222	Q	107	25.4
Lodging	75	1,791	74	1,728	Q	37	Q	35	24.9
Mercantile and Service	557	8,577	541	8,257	23	561	Q	20	22.9
Office	468	7,989	434	7,275	40	494	2	274	15.1
Warehouse	211	5,359	193	4,999	19	372	*	*	13.7
Other	81	2,179	80	2,115	Q	Q	Q	Q	18.2
Vacant	81	1,524	77	1,438	Q	54	Q	Q	28.6
Building Floorspace (square feet)									
1,001 to 2,000	320	486	300	452	21	35	*	*	19.8
2,001 to 5,000	656	2,169	628	2,075	42	141	*	*	14.7
5,001 to 10,000	490	3,526	473	3,385	25	186	*	*	14.7
10,001 to 25,000	410	6,512	394	6,234	16	279	Q	Q	13.3
25,001 to 50,000	166	5,796	155	5,399	12	418	Q	Q	15.8
50,001 to 100,000	86	5,739	79	5,267	6	439	Q	Q	17.0
100,001 to 200,000	39	5,302	37	5,007	2	298	Q	Q	16.9
200,001 to 500,000	21	6,393	20	5,784	1	428	1	Q	20.3
Over 500,000	5	4,261	4	3,873	*	356	*	213	37.3
Year Constructed									
1899 or Before	99	1,255	94	1,202	5	55	*	*	26.9
1900 to 1919	189	3,155	184	3,092	5	60	Q	Q	20.7
1920 to 1945	378	6,188	360	5,899	25	276	Q	Q	14.7
1946 to 1959	422	6,743	401	6,106	27	614	Q	Q	18.7
1960 to 1969	463	8,297	439	7,676	25	557	Q	132	15.4
1970 to 1979	534	9,424	511	8,598	31	747	1	176	19.8
1980 to 1983	108	5,122	101	4,903	7	270	Q	45	28.8

¹ Census Division Data were not collected in 1983.

* = Value rounds to zero in the units displayed.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-788 of the 1983 Nonresidential Buildings Energy Consumption Survey.

Table C5.83. End Uses for All Energy Sources in Commercial Buildings, Number of Buildings and Total Floorspace, 1983

Building Characteristics	All Buildings		End Uses										RSE Row Fac- tors
			Space Heating		Water Heating		Cooling		Cooking		Manufacturing		
	Build- ings (thou- sand)	Floor- space (million sq.ft.)	Build- ings (thou- sand)	Floor- space (million sq.ft.)	Build- ings (thou- sand)	Floor- space (million sq.ft.)	Build- ings (thou- sand)	Floor- space (million sq.ft.)	Build- ings (thou- sand)	Floor- space (million sq.ft.)	Build- ings (thou- sand)	Floor- space (million sq.ft.)	
	0.8	0.8	0.8	0.9	0.8	0.9	0.9	1.0	1.0	1.1	1.8	1.6	
RSE Column Factors:	0.8	0.8	0.8	0.9	0.8	0.9	0.9	1.0	1.0	1.1	1.8	1.6	
All Buildings	3,185	49,471	2,808	45,685	2,414	43,080	2,194	40,183	1,153	25,443	322	5,826	7.3
Census Region													
Northeast	525	10,253	477	9,541	447	9,152	348	8,087	228	5,688	58	1,388	11.4
Midwest	987	15,248	905	14,499	783	13,788	665	12,428	374	7,686	114	1,931	10.6
South	1,183	16,611	1,012	15,003	803	13,777	921	14,730	373	8,476	87	1,609	14.1
West	490	7,359	414	6,641	380	6,362	260	4,938	178	3,593	64	898	21.2
Census Division ¹													
New England													
Middle Atlantic													
East North Central													
West North Central													
South Atlantic													
East South Central													
West South Central													
Mountain													
Pacific													
Principal Building Activity													
Assembly	420	5,460	405	5,343	362	5,111	278	4,266	272	3,956	Q	73	13.8
Education	171	6,041	167	5,822	153	5,784	124	4,577	104	4,632	Q	399	13.1
Food Sales and Service	322	2,012	308	1,967	293	1,863	268	1,666	249	1,520	26	215	10.2
Health Care	54	2,271	53	2,265	52	2,258	51	2,256	24	2,054	Q	96	21.0
Lodging	97	2,235	92	2,197	95	2,207	75	1,791	75	1,760	Q	Q	15.3
Mercantile and Service	900	10,322	803	9,751	602	8,617	557	8,577	138	4,169	144	1,249	13.8
Office	501	8,311	491	8,194	456	7,902	468	7,989	161	4,143	33	712	9.8
Warehouse	357	6,763	271	5,843	221	5,441	211	5,359	51	1,668	79	2,450	10.8
Other	127	2,743	104	2,423	87	2,168	81	2,179	43	819	14	320	15.0
Vacant	237	3,315	112	1,879	93	1,729	81	1,524	36	721	7	147	19.5
Building Floorspace (square feet)													
1,001 to 2,000	552	830	461	701	373	571	320	486	147	218	48	76	11.5
2,001 to 5,000	1,039	3,453	879	2,894	726	2,427	656	2,169	360	1,211	101	334	7.8
5,001 to 10,000	687	4,981	629	4,548	535	3,892	490	3,526	250	1,820	64	459	9.6
10,001 to 25,000	519	8,164	486	7,676	439	6,985	410	6,512	188	2,995	61	989	9.0
25,001 to 50,000	209	7,260	186	6,495	178	6,215	166	5,796	105	3,625	24	846	10.2
50,001 to 100,000	103	6,928	95	6,398	91	6,142	86	5,739	55	3,686	15	1,016	9.9
100,001 to 200,000	48	6,393	45	6,049	45	6,082	39	5,302	31	4,096	6	866	10.6
200,001 to 500,000	24	7,045	22	6,679	22	6,491	21	6,393	14	4,124	2	742	13.3
Over 500,000	5	4,418	5	4,244	5	4,275	5	4,261	4	3,668	1	497	33.4
Year Constructed													
1899 or Before	157	1,838	143	1,693	128	1,574	99	1,255	78	970	9	153	19.8
1900 to 1919	303	4,539	266	4,118	219	3,727	189	3,155	116	2,043	27	711	13.1
1920 to 1945	626	8,711	524	7,401	419	6,772	378	6,188	194	3,802	70	1,166	10.5
1946 to 1959	671	8,419	567	7,809	472	7,256	422	6,743	216	4,749	64	1,097	10.5
1960 to 1969	601	9,538	549	9,160	481	8,702	463	8,297	216	5,455	68	1,287	10.1
1970 to 1979	697	10,803	642	10,254	580	9,834	534	9,424	279	5,330	75	1,122	11.1
1980 to 1983	131	5,623	117	5,249	115	5,215	108	5,122	55	3,094	8	288	21.2

¹ Census Division Data were not collected in 1983.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-788 of the 1983 Nonresidential Buildings Energy Consumption Survey.

Table C6.83. End Uses for Electricity Energy Sources in Commercial Buildings, Number of Buildings and Total Floorspace, 1983

Building Characteristics	End Uses								RSE Row Factors
	Space Heating		Water Heating		Cooling		Cooking		
	Buildings (thousand)	Floorspace (million sq.ft.)	Buildings (thousand)	Floorspace (million sq.ft.)	Buildings (thousand)	Floorspace (million sq.ft.)	Buildings (thousand)	Floorspace (million sq.ft.)	
	1.3	1.2	1.0	1.1	0.8	0.8	1.0	1.1	
RSE Column Factors:	1.3	1.2	1.0	1.1	0.8	0.8	1.0	1.1	
All Buildings	892	15,325	1,186	18,622	2,089	37,476	732	15,958	10.2
Census Region									
Northeast	98	2,436	177	3,402	326	7,368	113	2,814	12.8
Midwest	155	2,607	302	4,167	629	11,402	231	4,649	12.0
South	487	7,492	513	8,425	894	14,103	261	6,061	19.2
West	152	2,790	195	2,629	241	4,604	127	2,434	22.3
Census Division ¹									
New England									
Middle Atlantic									
East North Central									
West North Central									
South Atlantic									
East South Central									
West South Central									
Mountain									
Pacific									
Principal Building Activity									
Assembly	132	1,806	201	2,037	267	3,995	162	2,087	17.7
Education	46	1,226	57	1,746	117	4,169	60	2,614	16.8
Food Sales and Service	107	678	123	689	257	1,521	128	814	13.7
Health Care	15	394	20	316	49	1,980	19	1,332	25.2
Lodging	49	811	31	390	74	1,728	46	911	19.3
Mercantile and Service	188	3,815	307	4,908	541	8,257	86	2,873	21.7
Office	197	2,891	229	3,637	434	7,275	136	3,035	11.2
Warehouse	89	2,047	132	2,933	193	4,999	42	1,279	13.2
Other	30	960	38	1,047	80	2,115	28	563	21.7
Vacant	39	697	49	918	77	1,438	24	450	24.3
Building Floorspace (square feet)									
1,001 to 2,000	109	164	206	309	300	452	82	122	14.8
2,001 to 5,000	284	917	367	1,211	628	2,075	247	815	11.8
5,001 to 10,000	208	1,489	253	1,838	473	3,385	158	1,144	12.3
10,001 to 25,000	182	2,885	219	3,434	394	6,234	117	1,888	12.8
25,001 to 50,000	58	2,036	78	2,730	155	5,399	64	2,255	10.6
50,001 to 100,000	28	1,885	37	2,500	79	5,267	35	2,304	10.8
100,001 to 200,000	15	1,873	16	2,189	37	5,007	18	2,409	13.1
200,001 to 500,000	5	1,658	8	2,212	20	5,784	8	2,269	16.7
Over 500,000	Q	Q	Q	Q	4	3,873	Q	Q	46.4
Year Constructed									
1899 or Before	27	372	54	538	94	1,202	45	461	25.5
1900 to 1919	54	862	94	1,497	184	3,092	61	1,003	19.9
1920 to 1945	124	1,516	179	2,411	360	5,899	95	1,982	12.4
1946 to 1959	146	1,884	202	2,197	401	6,106	137	2,836	15.6
1960 to 1969	183	2,744	224	3,271	439	7,676	142	3,288	12.5
1970 to 1979	300	4,604	360	5,157	511	8,598	208	3,743	12.7
1980 to 1983	59	3,343	73	3,550	101	4,903	44	Q	23.9

¹ Census Division Data were not collected in 1983.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-788 of the 1983 Nonresidential Buildings Energy Consumption Survey.

Table C7.83. End Uses for Natural Gas Energy Sources in Commercial Buildings, Number of Buildings and Total Floorspace, 1983

Building Characteristics	End Uses								RSE Row Factors
	Space Heating		Water Heating		Cooling		Cooking		
	Buildings (thousand)	Floorspace (million sq.ft.)	Buildings (thousand)	Floorspace (million sq.ft.)	Buildings (thousand)	Floorspace (million sq.ft.)	Buildings (thousand)	Floorspace (million sq.ft.)	
	0.7	0.8	0.8	0.8	1.6	1.6	1.0	1.1	
RSE Column Factors:	0.7	0.8	0.8	0.8	1.6	1.6	1.0	1.1	
All Buildings	1,671	26,885	1,130	21,471	126	2,580	492	14,242	10.2
Census Region									
Northeast	266	4,600	213	4,219	25	471	129	3,596	15.9
Midwest	707	11,079	476	9,072	41	996	181	4,645	13.4
South	447	7,019	260	4,647	30	733	114	3,996	21.5
West	251	4,188	181	3,532	29	381	67	2,006	28.0
Census Division ¹									
New England									
Middle Atlantic									
East North Central									
West North Central									
South Atlantic									
East South Central									
West South Central									
Mountain									
Pacific									
Principal Building Activity									
Assembly	237	3,363	155	2,865	Q	319	103	2,225	22.4
Education	100	3,534	86	3,397	7	Q	60	2,781	17.2
Food Sales and Service	176	1,162	156	1,020	19	155	153	968	14.7
Health Care	31	1,635	30	1,656	1	222	10	1,551	25.4
Lodging	37	933	50	1,224	Q	37	34	1,135	21.4
Mercantile and Service	525	6,040	279	4,008	23	561	57	2,908	18.1
Office	279	4,279	207	3,397	40	494	34	1,571	13.5
Warehouse	163	3,927	87	2,350	19	372	15	419	19.0
Other	54	1,036	39	888	Q	Q	13	339	25.4
Vacant	68	976	41	666	Q	54	12	345	27.5
Building Floorspace (square feet)									
1,001 to 2,000	277	419	158	248	21	35	69	103	19.1
2,001 to 5,000	491	1,622	317	1,076	42	141	133	450	14.2
5,001 to 10,000	401	2,905	266	1,947	25	186	105	781	13.0
10,001 to 25,000	282	4,467	205	3,259	16	279	79	1,199	11.4
25,001 to 50,000	120	4,196	98	3,439	12	418	50	1,697	15.3
50,001 to 100,000	57	3,849	46	3,144	6	439	27	1,827	15.8
100,001 to 200,000	28	3,784	26	3,522	2	298	17	2,373	15.2
200,001 to 500,000	12	3,526	11	3,025	1	428	10	2,868	19.5
Over 500,000	2	2,117	2	1,812	*	356	Q	Q	34.6
Year Constructed									
1899 or Before	92	1,111	65	892	5	55	30	573	25.4
1900 to 1919	183	2,474	112	1,872	5	60	61	1,223	18.7
1920 to 1945	360	4,605	225	3,640	25	276	111	2,261	13.9
1946 to 1959	341	5,173	233	4,308	27	614	91	2,826	18.1
1960 to 1969	336	5,832	248	4,694	25	557	90	3,124	14.5
1970 to 1979	298	5,511	204	4,337	31	747	94	2,383	15.8
1980 to 1983	60	2,180	43	1,729	7	270	16	Q	23.0

¹ Census Division Data were not collected in 1983.

* = Value rounds to zero in the units displayed.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-788 of the 1983 Nonresidential Buildings Energy Consumption Survey.

Table C8.83. End Uses for Fuel Oil and District Heat Energy Sources in Commercial Buildings, Number of Building and Total Floorspace, 1983

Building Characteristics	Fuel Oil End Uses				District Heat End Uses				RSE Row Factors
	Space Heating		Water Heating		Space Heating		Water Heating		
	Buildings (thousand)	Floorspace (million sq.ft.)	Buildings (thousand)	Floorspace (million sq.ft.)	Buildings (thousand)	Floorspace (million sq.ft.)	Buildings (thousand)	Floorspace (million sq.ft.)	
	0.8	0.7	1.1	1.0	1.2	1.1	1.2	1.0	
RSE Column Factors:	0.8	0.7	1.1	1.0	1.2	1.1	1.2	1.0	
All Buildings	397	6,835	109	3,054	52	4,195	30	3,068	14.2
Census Region									
Northeast	172	3,470	73	2,042	15	1,267	6	863	21.6
Midwest	75	988	8	280	21	1,804	10	1,233	31.9
South	121	2,061	22	594	9	713	Q	639	26.8
West	29	316	Q	138	8	410	6	332	37.0
Census Division ¹									
New England									
Middle Atlantic									
East North Central									
West North Central									
South Atlantic									
East South Central									
West South Central									
Mountain									
Pacific									
Principal Building Activity									
Assembly	72	657	9	137	8	467	2	259	31.5
Education	29	1,324	15	937	6	356	6	332	30.0
Food Sales and Service	31	247	13	102	2	76	Q	Q	36.5
Health Care	5	387	3	343	Q	350	1	369	26.6
Lodging	9	355	7	320	8	472	7	384	38.9
Mercantile and Service	131	1,403	22	Q	3	Q	Q	Q	22.3
Office	52	913	21	263	8	1,153	5	988	23.4
Warehouse	39	1,018	Q	Q	Q	Q	Q	Q	29.9
Other	13	251	Q	106	6	437	4	281	38.2
Vacant	Q	279	Q	118	4	275	Q	Q	39.3
Building Floorspace (square feet)									
1,001 to 2,000	58	89	11	17	*	*	*	*	26.6
2,001 to 5,000	121	408	33	118	Q	Q	*	*	21.6
5,001 to 10,000	90	627	16	115	7	59	Q	Q	26.9
10,001 to 25,000	79	1,166	26	434	12	220	8	154	23.3
25,001 to 50,000	24	856	11	366	11	369	6	211	29.3
50,001 to 100,000	13	837	5	377	8	547	6	403	20.0
100,001 to 200,000	7	1,047	4	631	4	607	3	441	23.4
200,001 to 500,000	4	1,121	2	566	5	1,613	4	1,172	27.0
Over 500,000	1	685	Q	Q	1	765	1	662	22.7
Year Constructed									
1899 or Before	38	370	8	67	Q	Q	Q	Q	36.5
1900 to 1919	55	838	17	340	4	438	2	177	28.7
1920 to 1945	87	1,580	23	777	16	941	7	643	24.1
1946 to 1959	105	1,869	27	841	17	824	10	641	22.9
1960 to 1969	55	1,130	16	584	8	892	7	830	21.9
1970 to 1979	55	928	17	353	4	564	4	574	24.6
1980 to 1983	2	119	1	92	Q	Q	*	59	33.0

¹ Census Division Data were not collected in 1983.

* = Value rounds to zero in the units displayed.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-788 of the 1983 Nonresidential Buildings Energy Consumption Survey.