

Table C1.79. Commercial Building Characteristics, 1979

Building Characteristics	Total Floorspace (million square feet)	Buildings (thousand)	Floorspace per Building (square feet)	RSE Row Factors
	RSE Column Factors:	1.3	1.3	
All Buildings	43,546	3,073	14,169	4.9
Census Region				
Northeast	9,531	530	17,983	10.1
Midwest	14,197	977	14,529	9.5
South	13,661	1,094	12,485	9.2
West	6,156	472	13,046	10.0
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	5,329	425	12,529	8.9
Education	5,969	158	37,801	11.3
Food Sales and Service	1,770	317	5,590	7.1
Health Care	1,955	50	39,363	17.5
Lodging	2,074	97	21,365	13.7
Mercantile and Service	9,959	968	10,288	7.8
Office	6,986	455	15,351	6.5
Warehouse	6,007	367	16,380	8.1
Other	2,129	115	18,474	11.2
Vacant	1,367	122	11,246	16.1
Building Floorspace (square feet)				
1,001 to 2,000	786	532	1,477	4.8
2,001 to 5,000	3,356	1,000	3,354	3.2
5,001 to 10,000	5,073	706	7,185	4.7
10,001 to 25,000	7,665	486	15,759	4.8
25,001 to 50,000	6,780	193	35,169	4.9
50,001 to 100,000	6,449	94	68,399	5.6
100,001 to 200,000	5,558	41	136,397	6.0
200,001 to 500,000	5,169	17	296,676	6.1
Over 500,000	2,710	3	881,618	12.1
Year Constructed				
1899 or Before	1,999	168	11,900	12.1
1900 to 1919	4,660	327	14,266	7.8
1920 to 1945	8,660	625	13,851	8.9
1946 to 1959	8,391	686	12,226	7.3
1960 to 1969	9,360	592	15,805	8.4
1970 to 1979	10,478	675	15,521	7.9

¹ Census Division Data were not collected in 1979.

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-143 of the 1979 Nonresidential Buildings Energy Consumption Survey.

Table C2A.79. Energy Sources Used for All End Uses in Commercial Buildings, Number of Buildings and Total Floorspace, 1979

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.)	
	RSE Column Factors:	0.9	0.9	1.0	0.9	1.0	0.9	1.2	
All Buildings	3,073	43,546	3,014	43,220	3,001	43,153	1,864	30,477	6.3
Census Region									
Northeast	530	9,531	522	9,488	516	9,455	339	6,746	11.8
Midwest	977	14,197	963	14,169	960	14,160	732	11,807	10.3
South	1,094	13,661	1,065	13,439	1,062	13,425	507	7,771	13.1
West	472	6,156	464	6,124	463	6,113	286	4,153	14.1
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	425	5,329	425	5,329	423	5,321	271	4,001	12.1
Education	158	5,969	158	5,969	158	5,965	98	4,170	11.6
Food Sales and Service	317	1,770	317	1,770	315	1,766	195	1,141	8.6
Health Care	50	1,955	50	1,955	50	1,953	35	1,742	16.9
Lodging	97	2,074	97	2,074	97	2,074	56	1,527	13.8
Mercantile and Service	968	9,959	968	9,959	962	9,922	641	7,563	9.1
Office	455	6,986	455	6,986	455	6,979	278	4,611	8.2
Warehouse	367	6,007	339	5,940	339	5,940	168	3,639	9.2
Other	115	2,129	115	2,115	115	2,115	60	1,393	13.3
Vacant	122	1,367	91	1,123	87	1,117	60	690	20.8
Building Floorspace (square feet)									
1,001 to 2,000	532	786	514	763	514	763	278	414	10.0
2,001 to 5,000	1,000	3,356	973	3,269	963	3,237	564	1,924	6.1
5,001 to 10,000	706	5,073	696	4,997	694	4,986	442	3,237	8.2
10,001 to 25,000	486	7,665	485	7,648	484	7,636	333	5,172	9.4
25,001 to 50,000	193	6,780	190	6,702	190	6,702	134	4,762	9.8
50,001 to 100,000	94	6,449	94	6,418	94	6,418	65	4,472	10.5
100,001 to 200,000	41	5,558	41	5,550	41	5,548	31	4,268	10.0
200,001 to 500,000	17	5,169	17	5,164	17	5,160	14	4,122	10.3
Over 500,000	3	2,710	3	2,710	3	2,703	2	2,106	17.5
Year Constructed									
1899 or Before	168	1,999	166	1,951	166	1,951	111	1,479	15.1
1900 to 1919	327	4,660	323	4,635	316	4,611	251	3,676	8.9
1920 to 1945	625	8,660	607	8,601	604	8,591	429	6,374	9.3
1946 to 1959	686	8,391	672	8,323	670	8,312	397	6,067	9.9
1960 to 1969	592	9,360	588	9,328	588	9,328	372	6,920	8.9
1970 to 1979	675	10,478	658	10,383	656	10,361	304	5,961	9.2

¹ Census Division Data were not collected in 1979.

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-143 of the 1979 Nonresidential Buildings Energy Consumption Survey.

Table C2B.79. Energy Sources Used for All End Uses in Commercial Buildings, Number of Buildings and Total Floorspace, 1979 (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.)	
	0.6	0.6	1.2	1.1	1.6	1.3	1.0	1.0	
RSE Column Factors:	0.6	0.6	1.2	1.1	1.6	1.3	1.0	1.0	
All Buildings	641	11,397	47	3,722	7	485	214	2,797	17.0
Census Region									
Northeast	227	4,415	13	1,209	Q	53	Q	437	28.3
Midwest	163	2,973	16	1,514	Q	Q	64	727	28.6
South	191	2,968	Q	631	*	173	101	1,404	22.7
West	60	1,040	Q	368	3	87	22	229	31.8
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	123	1,372	Q	502	Q	Q	35	303	26.8
Education	46	2,285	8	399	Q	Q	12	469	34.2
Food Sales and Service	45	319	2	63	Q	Q	49	302	36.7
Health Care	12	1,117	3	212	Q	Q	Q	107	28.2
Lodging	17	453	Q	468	*	46	10	130	37.1
Mercantile and Service	225	2,087	Q	304	Q	Q	55	633	28.8
Office	71	1,748	9	1,149	1	218	12	139	25.1
Warehouse	65	1,302	2	159	Q	Q	20	591	32.6
Other	26	536	4	297	Q	Q	16	106	38.5
Vacant	9	178	Q	Q	*	*	Q	Q	57.6
Building Floorspace (square feet)									
1,001 to 2,000	89	128	Q	Q	*	*	47	73	27.1
2,001 to 5,000	190	625	Q	Q	*	*	60	208	24.2
5,001 to 10,000	164	1,164	6	49	Q	Q	57	381	26.1
10,001 to 25,000	111	1,757	11	184	Q	Q	32	536	23.8
25,001 to 50,000	45	1,585	11	349	2	66	9	316	28.3
50,001 to 100,000	21	1,385	8	542	Q	Q	5	357	23.5
100,001 to 200,000	14	1,921	5	644	*	Q	3	407	26.9
200,001 to 500,000	7	1,843	4	1,183	Q	Q	1	306	22.5
Over 500,000	1	990	1	763	*	198	Q	Q	28.4
Year Constructed									
1899 or Before	50	551	Q	288	*	*	16	148	41.2
1900 to 1919	74	1,296	7	653	Q	33	17	256	30.1
1920 to 1945	156	2,685	10	830	Q	Q	42	427	25.5
1946 to 1959	167	2,730	13	595	Q	Q	55	557	22.9
1960 to 1969	95	2,091	8	846	Q	101	28	Q	22.0
1970 to 1979	99	2,044	Q	509	Q	160	56	938	19.6

¹ Census Division Data were not collected in 1979.

* = 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-143 of the 1979 Nonresidential Buildings Energy Consumption Survey.

Table C3.79. Energy Sources Used for Space Heating in Commercial Buildings, Number of Buildings and Total Floorspace, 1979

Building Characteristics	Energy Sources												RSE Row Fac- tors
	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	0.5	1.0	0.9	0.7	0.7	1.0	0.9	1.8	1.6	1.5	1.7	
RSE Column Factors:	0.5	0.5	1.0	0.9	0.7	0.7	1.0	0.9	1.8	1.6	1.5	1.7	
All Buildings	2,814	41,424	769	10,724	1,605	23,725	593	9,186	44	3,586	131	970	11.2
Census Region													
Northeast	506	9,353	76	1,701	254	3,813	220	4,112	12	1,192	Q	44	19.7
Midwest	913	13,852	116	1,891	681	10,342	142	2,109	15	1,455	44	405	18.9
South	979	12,501	420	4,917	422	6,026	179	2,411	Q	620	61	411	20.6
West	416	5,718	156	2,214	249	3,543	52	554	Q	320	Q	111	19.3
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	420	5,311	100	973	243	3,218	121	1,287	Q	465	16	86	19.6
Education	158	5,969	39	1,210	74	2,910	42	2,013	8	395	Q	42	23.0
Food Sales and Service	305	1,741	93	497	166	969	39	Q	2	63	25	113	19.6
Health Care	50	1,955	11	288	31	1,449	8	460	3	204	Q	Q	23.6
Lodging	95	2,067	46	717	35	741	15	366	Q	463	4	59	26.0
Mercantile and Service	912	9,632	193	2,651	579	6,460	211	1,879	Q	304	46	299	17.8
Office	453	6,984	161	2,148	245	3,414	64	1,360	9	1,087	9	86	16.8
Warehouse	259	5,026	81	1,547	152	3,269	61	1,041	2	159	14	249	20.0
Other	104	1,992	27	555	47	927	22	365	Q	287	Q	Q	22.9
Vacant	59	747	19	138	33	368	8	167	Q	Q	Q	Q	36.7
Building Floorspace (square feet)													
1,001 to 2,000	455	682	121	183	240	360	83	120	Q	Q	36	56	16.4
2,001 to 5,000	898	3,026	243	802	489	1,670	181	598	Q	Q	39	134	14.6
5,001 to 10,000	669	4,826	186	1,288	398	2,915	156	1,105	5	40	36	228	17.9
10,001 to 25,000	461	7,255	136	2,282	289	4,450	102	1,605	10	165	13	243	17.6
25,001 to 50,000	182	6,435	45	1,588	105	3,722	39	1,337	11	349	4	167	16.7
50,001 to 100,000	90	6,162	25	1,683	50	3,484	16	1,085	7	536	*	39	17.0
100,001 to 200,000	39	5,367	7	1,010	24	3,257	10	1,403	4	590	Q	33	17.4
200,001 to 500,000	17	4,967	3	822	9	2,634	5	1,374	3	1,154	Q	Q	16.6
Over 500,000	3	2,704	1	1,064	1	1,232	1	558	1	743	*	*	28.6
Year Constructed													
1899 or Before	159	1,893	15	193	99	1,069	48	487	Q	Q	Q	Q	30.5
1900 to 1919	306	4,458	37	473	212	2,472	67	1,123	7	646	Q	Q	17.3
1920 to 1945	563	7,821	101	1,302	384	4,970	146	2,413	10	801	28	186	17.0
1946 to 1959	612	8,047	139	1,732	341	4,843	156	2,341	13	582	Q	Q	17.5
1960 to 1969	559	9,100	174	2,369	326	5,500	87	1,542	7	814	19	101	16.5
1970 to 1979	614	10,105	302	4,654	244	4,871	89	1,279	Q	483	39	448	15.0

¹ Census Division Data were not collected in 1979.

* = 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-143 of the 1979 Nonresidential Buildings Energy Consumption Survey.

Table C4.79. Energy Sources Used for Cooling in Commercial Buildings, Number of Buildings and Total Floorspace, 1979

Building Characteristics	Energy Sources								RSE Row Factors
	Any Energy Source		Electricity		Natural Gas		District Chilled Water ¹		
	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	0.8	0.8	1.8	1.8	0.0	0.0	
RSE Column Factors:	0.8	0.7	0.8	0.8	1.8	1.8	0.0	0.0	
All Buildings	2,051	34,236	1,935	32,018	133	2,697	*	*	8.4
Census Region									
Northeast	338	7,607	306	6,957	34	517	*	*	12.7
Midwest	653	11,281	620	10,425	46	1,169	*	*	13.9
South	844	11,819	817	11,448	26	607	*	*	16.5
West	216	3,529	193	3,188	27	404	*	*	15.7
Census Division ²									
New England									
Middle Atlantic									
East North Central									
West North Central									
South Atlantic									
East South Central									
West South Central									
Mountain									
Pacific									
Principal Building Activity									
Assembly	280	3,896	260	3,523	15	388	*	*	17.9
Education	107	4,207	103	3,962	4	190	*	*	18.2
Food Sales and Service	263	1,512	244	1,445	17	62	*	*	14.1
Health Care	44	1,933	41	1,706	4	331	*	*	21.4
Lodging	68	1,663	66	1,543	3	114	*	*	23.5
Mercantile and Service	584	7,843	563	7,614	32	532	*	*	13.4
Office	424	6,731	396	6,099	33	514	*	*	11.8
Warehouse	165	4,156	158	3,943	10	347	*	*	15.6
Other	71	1,696	67	1,651	6	128	*	*	19.6
Vacant	45	600	38	532	Q	91	*	*	28.6
Building Floorspace (square feet)									
1,001 to 2,000	305	455	287	428	17	25	*	*	21.0
2,001 to 5,000	621	2,115	578	1,971	45	143	*	*	9.7
5,001 to 10,000	475	3,420	453	3,257	22	169	*	*	14.2
10,001 to 25,000	374	5,912	354	5,641	31	502	*	*	11.7
25,001 to 50,000	147	5,195	143	5,009	8	289	*	*	13.8
50,001 to 100,000	76	5,180	72	4,879	5	381	*	*	15.0
100,001 to 200,000	34	4,592	32	4,339	3	366	*	*	16.1
200,001 to 500,000	16	4,725	14	4,168	2	559	*	*	16.3
Over 500,000	3	2,642	3	2,327	*	263	*	*	23.8
Year Constructed									
1899 or Before	100	1,376	98	1,367	Q	Q	*	*	21.5
1900 to 1919	206	3,198	191	3,029	16	246	*	*	12.2
1920 to 1945	387	6,145	367	5,938	26	297	*	*	14.5
1946 to 1959	431	6,375	414	6,064	21	464	*	*	14.7
1960 to 1969	431	8,031	405	7,374	30	661	*	*	12.8
1970 to 1979	495	9,111	460	8,247	38	1,007	*	*	13.7

¹ District Chilled Water was not reported for the 1979 CBECS.

² Census Division Data were not collected in 1979.

* = 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-143 of the 1979 Nonresidential Buildings Energy Consumption Survey.

Table C5.79. End Uses for All Energy Sources in Commercial Buildings, Number of Buildings and Total Floorspace, 1979

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	0.8	0.9	0.8	0.9	0.9	1.1	1.1	1.9	2.0	
RSE Column Factors:	0.8	0.8	0.8	0.8	0.9	0.8	0.9	0.9	1.1	1.1	1.9	2.0	
All Buildings	3,073	43,546	2,814	41,424	2,147	35,819	2,051	34,236	988	20,706	250	4,769	7.3
Census Region													
Northeast	530	9,531	506	9,353	416	8,444	338	7,607	207	5,273	44	1,172	13.5
Midwest	977	14,197	913	13,852	737	12,342	653	11,281	316	6,831	57	1,425	12.8
South	1,094	13,661	979	12,501	657	10,048	844	11,819	315	6,119	87	1,441	14.2
West	472	6,156	416	5,718	337	4,986	216	3,529	149	2,484	62	731	13.4
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	425	5,329	420	5,311	321	4,562	280	3,896	243	3,664	5	Q	13.1
Education	158	5,969	158	5,969	131	5,589	107	4,207	86	4,384	4	518	14.3
Food Sales and Service	317	1,770	305	1,741	282	1,600	263	1,512	229	1,287	8	Q	10.4
Health Care	50	1,955	50	1,955	49	1,861	44	1,933	26	1,632	*	50	18.1
Lodging	97	2,074	95	2,067	90	1,920	68	1,663	58	1,709	Q	Q	16.7
Mercantile and Service	968	9,959	912	9,632	588	7,578	584	7,843	146	3,272	138	1,213	11.4
Office	455	6,986	453	6,984	383	6,339	424	6,731	112	2,840	13	358	10.3
Warehouse	367	6,007	259	5,026	170	4,098	165	4,156	36	865	54	1,803	12.4
Other	115	2,129	104	1,992	80	1,587	71	1,696	32	702	20	368	16.2
Vacant	122	1,367	59	747	51	685	45	600	20	353	Q	Q	26.7
Building Floorspace (square feet)													
1,001 to 2,000	532	786	455	682	302	454	305	455	121	185	22	35	13.4
2,001 to 5,000	1,000	3,356	898	3,026	654	2,231	621	2,115	291	1,007	89	311	8.0
5,001 to 10,000	706	5,073	669	4,826	510	3,735	475	3,420	227	1,633	53	360	10.6
10,001 to 25,000	486	7,665	461	7,255	386	6,090	374	5,912	179	2,867	44	701	11.3
25,001 to 50,000	193	6,780	182	6,435	160	5,670	147	5,195	86	3,047	22	803	11.5
50,001 to 100,000	94	6,449	90	6,162	82	5,568	76	5,180	46	3,205	12	737	12.8
100,001 to 200,000	41	5,558	39	5,367	35	4,821	34	4,592	25	3,350	5	643	12.3
200,001 to 500,000	17	5,169	17	4,967	16	4,681	16	4,725	10	3,103	3	850	12.8
Over 500,000	3	2,710	3	2,704	3	2,569	3	2,642	2	2,309	*	329	19.4
Year Constructed													
1899 or Before	168	1,999	159	1,893	121	1,620	100	1,376	69	916	7	154	18.4
1900 to 1919	327	4,660	306	4,458	223	3,625	206	3,198	115	2,025	20	364	11.1
1920 to 1945	625	8,660	563	7,821	396	6,715	387	6,145	199	3,981	54	951	12.2
1946 to 1959	686	8,391	612	8,047	448	6,765	431	6,375	219	4,214	69	1,062	11.9
1960 to 1969	592	9,360	559	9,100	444	8,248	431	8,031	174	4,697	51	910	10.6
1970 to 1979	675	10,478	614	10,105	515	8,846	495	9,111	212	4,874	49	1,328	10.5

¹ Census Division Data were not collected in 1979.

* = 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-143 of the 1979 Nonresidential Buildings Energy Consumption Survey.

Table C6.79. End Uses for Electricity Energy Sources in Commercial Buildings, Number of Buildings and Total Floorspace, 1979

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.)	
	1.2	1.1	1.0	1.0	0.8	0.7	1.2	1.1	
RSE Column Factors:	1.2	1.1	1.0	1.0	0.8	0.7	1.2	1.1	
All Buildings	769	10,724	998	13,804	1,935	32,018	578	11,792	9.8
Census Region									
Northeast	76	1,701	129	2,352	306	6,957	81	2,167	13.3
Midwest	116	1,891	285	3,691	620	10,425	188	3,936	16.1
South	420	4,917	414	5,489	817	11,448	210	4,077	18.2
West	156	2,214	170	2,272	193	3,188	99	1,612	13.6
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	100	973	166	1,695	260	3,523	130	1,671	15.7
Education	39	1,210	46	1,758	103	3,962	50	2,612	18.3
Food Sales and Service	93	497	118	588	244	1,445	125	714	15.8
Health Care	11	288	18	231	41	1,706	15	968	23.0
Lodging	46	717	38	618	66	1,543	35	826	22.3
Mercantile and Service	193	2,651	275	3,415	563	7,614	86	1,857	17.4
Office	161	2,148	196	2,788	396	6,099	81	1,901	13.1
Warehouse	81	1,547	89	1,972	158	3,943	30	693	15.4
Other	27	555	37	516	67	1,651	17	391	21.4
Vacant	19	138	15	223	38	532	9	159	27.4
Building Floorspace (square feet)									
1,001 to 2,000	121	183	149	220	287	428	69	105	16.3
2,001 to 5,000	243	802	309	1,035	578	1,971	181	605	11.9
5,001 to 10,000	186	1,288	248	1,807	453	3,257	127	892	13.3
10,001 to 25,000	136	2,282	175	2,803	354	5,641	105	1,679	12.9
25,001 to 50,000	45	1,588	68	2,393	143	5,009	48	1,705	11.6
50,001 to 100,000	25	1,683	33	2,211	72	4,879	28	2,021	15.3
100,001 to 200,000	7	1,010	11	1,412	32	4,339	13	1,855	15.3
200,001 to 500,000	3	822	4	1,063	14	4,168	5	1,580	14.6
Over 500,000	1	1,064	1	859	3	2,327	1	1,351	25.1
Year Constructed									
1899 or Before	15	193	53	419	98	1,367	33	333	27.5
1900 to 1919	37	473	79	1,265	191	3,029	53	862	14.1
1920 to 1945	101	1,302	149	1,774	367	5,938	93	1,820	15.5
1946 to 1959	139	1,732	176	2,191	414	6,064	132	2,238	16.2
1960 to 1969	174	2,369	215	3,265	405	7,374	107	2,983	13.5
1970 to 1979	302	4,654	325	4,890	460	8,247	159	3,557	12.5

¹ Census Division Data were not collected in 1979.

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-143 of the 1979 Nonresidential Buildings Energy Consumption Survey.

Table C7.79. End Uses for Natural Gas Energy Sources in Commercial Buildings, Number of Buildings and Total Floorspace, 1979

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.)	
	0.8	0.8	0.8	0.8	1.5	1.5	1.0	1.0	
RSE Column Factors:	0.8	0.8	0.8	0.8	1.5	1.5	1.0	1.0	
All Buildings	1,605	23,725	1,024	18,745	133	2,697	440	11,540	9.4
Census Region									
Northeast	254	3,813	203	3,673	34	517	122	3,512	19.8
Midwest	681	10,342	441	8,353	46	1,169	157	4,151	12.4
South	422	6,026	213	4,123	26	607	100	2,672	24.2
West	249	3,543	167	2,596	27	404	60	1,205	20.1
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	243	3,218	143	2,472	15	388	103	2,107	20.3
Education	74	2,910	72	3,054	4	190	44	2,385	18.4
Food Sales and Service	166	969	143	836	17	62	131	722	14.6
Health Care	31	1,449	24	1,283	4	331	14	1,235	22.6
Lodging	35	741	44	1,016	3	114	25	1,114	22.5
Mercantile and Service	579	6,460	294	4,074	32	532	61	2,103	14.5
Office	245	3,414	167	2,849	33	514	33	1,212	12.9
Warehouse	152	3,269	71	1,947	10	347	4	125	24.0
Other	47	927	39	917	6	128	14	326	25.0
Vacant	33	368	28	295	Q	91	10	Q	38.8
Building Floorspace (square feet)									
1,001 to 2,000	240	360	134	205	17	25	49	76	19.3
2,001 to 5,000	489	1,670	308	1,069	45	143	130	475	12.1
5,001 to 10,000	398	2,915	230	1,700	22	169	97	730	16.2
10,001 to 25,000	289	4,450	194	3,025	31	502	71	1,109	15.0
25,001 to 50,000	105	3,722	83	2,936	8	289	44	1,553	15.4
50,001 to 100,000	50	3,484	42	2,941	5	381	24	1,644	16.5
100,001 to 200,000	24	3,257	22	3,006	3	366	15	2,000	15.8
200,001 to 500,000	9	2,634	9	2,645	2	559	8	2,359	17.6
Over 500,000	1	1,232	2	1,218	*	263	2	1,594	27.8
Year Constructed									
1899 or Before	99	1,069	57	853	Q	Q	37	663	23.9
1900 to 1919	212	2,472	126	1,973	16	246	63	1,311	16.4
1920 to 1945	384	4,970	224	3,939	26	297	110	2,377	15.9
1946 to 1959	341	4,843	223	3,798	21	464	89	2,581	16.6
1960 to 1969	326	5,500	222	4,529	30	661	71	2,524	15.6
1970 to 1979	244	4,871	173	3,652	38	1,007	69	2,083	13.3

¹ Census Division Data were not collected in 1979.

* = 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-143 of the 1979 Nonresidential Buildings Energy Consumption Survey.

Table C8.79. End Uses for Fuel Oil and District Heat Energy Sources in Commercial Buildings, Number of Building and Total Floorspace, 1979

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.)	
	RSE Column Factors:	0.7	0.6	1.0	0.9	1.3	1.1	1.5	
All Buildings	593	9,186	125	3,621	44	3,586	16	2,034	15.8
Census Region									
Northeast	220	4,112	84	2,194	12	1,192	5	865	23.1
Midwest	142	2,109	12	566	15	1,455	Q	655	30.9
South	179	2,411	23	691	Q	620	Q	314	28.2
West	52	554	Q	170	Q	320	Q	200	33.6
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	121	1,287	15	300	Q	465	Q	314	28.3
Education	42	2,013	17	1,086	8	395	Q	114	29.3
Food Sales and Service	39	Q	13	93	2	63	Q	Q	38.4
Health Care	8	460	4	310	3	204	2	163	27.1
Lodging	15	366	8	266	Q	463	Q	176	42.7
Mercantile and Service	211	1,879	22	458	Q	304	Q	Q	28.2
Office	64	1,360	24	613	9	1,087	2	733	24.5
Warehouse	61	1,041	12	278	2	159	Q	Q	37.8
Other	22	365	2	125	Q	287	Q	Q	29.3
Vacant	8	167	7	93	Q	Q	Q	Q	52.4
Building Floorspace (square feet)									
1,001 to 2,000	83	120	13	20	Q	Q	*	*	33.4
2,001 to 5,000	181	598	24	84	Q	Q	Q	Q	28.4
5,001 to 10,000	156	1,105	32	226	5	40	Q	Q	25.8
10,001 to 25,000	102	1,605	26	451	10	165	Q	36	26.3
25,001 to 50,000	39	1,337	16	589	11	349	2	73	27.0
50,001 to 100,000	16	1,085	7	461	7	536	3	208	22.9
100,001 to 200,000	10	1,403	5	645	4	590	2	241	22.3
200,001 to 500,000	5	1,374	3	805	3	1,154	3	845	21.5
Over 500,000	1	558	*	Q	1	743	1	612	30.4
Year Constructed									
1899 or Before	48	487	7	Q	Q	Q	Q	Q	40.5
1900 to 1919	67	1,123	22	403	7	646	Q	326	25.9
1920 to 1945	146	2,413	29	1,082	10	801	Q	510	27.9
1946 to 1959	156	2,341	34	947	13	582	6	306	21.7
1960 to 1969	87	1,542	18	587	7	814	3	426	22.5
1970 to 1979	89	1,279	14	469	Q	483	1	273	20.2

¹ Census Division Data were not collected in 1979.

* = 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-143 of the 1979 Nonresidential Buildings Energy Consumption Survey.