

Table C14A.79p. Total Primary Consumption and Number of Buildings for All End Uses by Energy Source in Commercial Buildings, 1979

Building Characteristics	All Build- ings	Energy Sources										RSE Row Fac- tors
		All Major Sources		Electricity		Natural Gas		Fuel Oil		District Heat		
	Total Number (thou- sand)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	
	RSE Column Factors:	0.6	0.6	0.8	0.6	1.0	0.8	1.0	1.1	1.5	2.1	
All Buildings	3,073	3,012	8,847	3,001	5,790	1,864	2,174	641	681	47	201	9.4
Census Region												
Northeast	530	522	2,082	516	1,291	339	443	227	285	13	64	18.5
Midwest	977	963	3,033	960	1,800	732	1,007	163	133	16	93	15.8
South	1,094	1,062	2,742	1,062	2,009	507	470	191	237	Q	26	18.2
West	472	464	989	463	690	286	255	60	26	Q	18	19.2
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	425	423	702	423	407	271	214	123	61	Q	20	16.3
Education	158	158	842	158	494	98	214	46	107	8	Q	19.2
Food Sales and Service	317	317	685	315	520	195	145	45	15	2	Q	15.7
Health Care	50	50	730	50	390	35	221	12	97	3	22	21.8
Lodging	97	97	520	97	361	56	115	17	20	Q	Q	20.4
Mercantile and Service	968	968	1,627	962	1,094	641	422	225	103	Q	Q	13.1
Office	455	455	1,723	455	1,285	278	272	71	107	9	58	13.3
Warehouse	367	339	1,093	339	673	168	305	65	97	2	Q	18.4
Other	115	115	764	115	460	60	232	26	59	4	13	25.2
Vacant	122	91	161	87	107	60	33	9	Q	Q	Q	30.0
Building Floorspace (square feet)												
1,001 to 2,000	532	514	288	514	199	278	76	89	14	Q	*	15.1
2,001 to 5,000	1,000	971	888	963	572	564	233	190	82	Q	1	11.5
5,001 to 10,000	706	696	950	694	530	442	337	164	82	6	Q	13.9
10,001 to 25,000	486	485	1,463	484	836	333	494	111	125	11	Q	15.0
25,001 to 50,000	193	190	1,322	190	974	134	235	45	92	11	Q	15.9
50,001 to 100,000	94	94	1,191	94	837	65	267	21	56	8	32	15.5
100,001 to 200,000	41	41	1,083	41	728	31	194	14	120	5	41	17.2
200,001 to 500,000	17	17	1,077	17	717	14	221	7	82	4	57	15.0
Over 500,000	3	3	584	3	398	2	117	1	Q	1	38	20.3
Year Constructed												
1899 or Before	168	166	362	166	224	111	88	50	35	Q	Q	24.3
1900 to 1919	327	321	623	316	333	251	185	74	76	7	29	15.4
1920 to 1945	625	607	1,684	604	901	429	595	156	149	10	40	15.5
1946 to 1959	686	672	1,569	670	978	397	388	167	164	13	39	12.9
1960 to 1969	592	588	2,053	588	1,418	372	457	95	130	8	49	13.3
1970 to 1979	675	658	2,556	656	1,936	304	462	99	127	Q	31	13.9

¹ Census Division Data were not collected in 1979.

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 C14A.79s. Total Site Consumption and Number of Buildings for All End Uses by Energy Source in Commercial Buildings, 1979

Building Characteristics	All Build- ings	Energy Sources										RSE Row Fac- tors
		All Major Sources		Electricity		Natural Gas		Fuel Oil		District Heat		
	Total Number (thou- sand)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	
	RSE Column Factors:	0.6	0.6	0.8	0.6	1.0	0.8	1.1	1.1	1.3	2.2	
All Buildings	3,073	3,012	4,965	3,001	1,908	1,864	2,174	641	681	47	201	8.8
Census Region												
Northeast	530	522	1,217	516	425	339	443	227	285	13	64	18.2
Midwest	977	963	1,826	960	593	732	1,007	163	133	16	93	15.1
South	1,094	1,062	1,395	1,062	662	507	470	191	237	Q	26	16.1
West	472	464	526	463	227	286	255	60	26	Q	18	20.3
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	425	423	429	423	134	271	214	123	61	Q	20	16.7
Education	158	158	511	158	163	98	214	46	107	8	27	17.0
Food Sales and Service	317	317	336	315	171	195	145	45	15	2	5	15.0
Health Care	50	50	469	50	129	35	221	12	97	3	22	21.5
Lodging	97	97	278	97	119	56	115	17	20	Q	24	18.7
Mercantile and Service	968	968	894	962	361	641	422	225	103	Q	Q	11.7
Office	455	455	861	455	424	278	272	71	107	9	58	13.1
Warehouse	367	339	641	339	222	168	305	65	97	2	Q	16.5
Other	115	115	456	115	151	60	Q	26	59	4	13	26.6
Vacant	122	91	89	87	35	60	33	9	15	Q	Q	28.1
Building Floorspace (square feet)												
1,001 to 2,000	532	514	155	514	66	278	76	89	14	Q	Q	16.8
2,001 to 5,000	1,000	971	504	963	188	564	233	190	82	Q	Q	11.0
5,001 to 10,000	706	696	595	694	175	442	337	164	82	6	Q	13.4
10,001 to 25,000	486	485	902	484	276	333	494	111	125	11	8	16.8
25,001 to 50,000	193	190	669	190	321	134	235	45	92	11	21	15.1
50,001 to 100,000	94	94	630	94	276	65	267	21	56	8	32	13.4
100,001 to 200,000	41	41	595	41	240	31	194	14	120	5	41	15.2
200,001 to 500,000	17	17	596	17	236	14	221	7	82	4	57	13.5
Over 500,000	3	3	317	3	131	2	117	1	Q	1	38	19.7
Year Constructed												
1899 or Before	168	166	211	166	74	111	88	50	35	Q	14	27.1
1900 to 1919	327	321	400	316	110	251	185	74	76	7	29	14.9
1920 to 1945	625	607	1,080	604	297	429	595	156	149	10	40	15.2
1946 to 1959	686	672	914	670	322	397	388	167	164	13	39	12.3
1960 to 1969	592	588	1,102	588	467	372	457	95	130	8	49	12.2
1970 to 1979	675	658	1,258	656	638	304	462	99	127	Q	31	13.7

¹ Census Division Data were not collected in 1979.

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 C14B.79p. Total Primary Consumption and Floorspace for All End Uses by Energy Source in Commercial Buildings, 1979

Building Characteristics	All Buildings	Energy Sources										RSE Row Factors
		All Major Sources		Electricity		Natural Gas		Fuel Oil		District Heat		
	Floor-space (million sq.ft.)	Floor-space (million sq.ft.)	Con-sump-tion (trillion Btu)	Floor-space (million sq.ft.)	Con-sump-tion (trillion Btu)	Floor-space (million sq.ft.)	Con-sump-tion (trillion Btu)	Floor-space (million sq.ft.)	Con-sump-tion (trillion Btu)	Floor-space (million sq.ft.)	Con-sump-tion (trillion Btu)	
	0.6	0.6	0.8	0.6	1.0	0.8	1.0	1.0	1.5	1.9	2.1	
All Buildings	43,546	43,213	8,847	43,153	5,790	30,477	2,174	11,397	681	3,722	201	9.4
Census Region												
Northeast	9,531	9,488	2,082	9,455	1,291	6,746	443	4,415	285	1,209	64	15.9
Midwest	14,197	14,169	3,033	14,160	1,800	11,807	1,007	2,973	133	1,514	93	14.8
South	13,661	13,432	2,742	13,425	2,009	7,771	470	2,968	237	631	26	18.7
West	6,156	6,124	989	6,113	690	4,153	255	1,040	26	368	18	19.2
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	5,321	702	5,321	407	4,001	214	1,372	61	502	20	15.8
Education	5,969	5,969	842	5,965	494	4,170	214	2,285	107	399	Q	16.8
Food Sales and Service	1,770	1,770	685	1,766	520	1,141	145	319	15	63	Q	16.4
Health Care	1,955	1,955	730	1,953	390	1,742	221	1,117	97	212	22	16.4
Lodging	2,074	2,074	520	2,074	361	1,527	115	453	20	468	Q	20.2
Mercantile and Service	9,959	9,959	1,627	9,922	1,094	7,563	422	2,087	103	304	Q	16.0
Office	6,986	6,986	1,723	6,979	1,285	4,611	272	1,748	107	1,149	58	12.1
Warehouse	6,007	5,940	1,093	5,940	673	3,639	305	1,302	97	159	Q	17.7
Other	2,129	2,115	764	2,115	460	1,393	232	536	59	297	13	22.3
Vacant	1,367	1,123	161	1,117	107	690	33	178	Q	Q	Q	30.7
Building Floorspace (square feet)												
1,001 to 2,000	786	763	288	763	199	414	76	128	14	Q	*	15.1
2,001 to 5,000	3,356	3,261	888	3,237	572	1,924	233	625	82	Q	1	11.3
5,001 to 10,000	5,073	4,997	950	4,986	530	3,237	337	1,164	82	49	Q	13.6
10,001 to 25,000	7,665	7,648	1,463	7,636	836	5,172	494	1,757	125	184	Q	14.6
25,001 to 50,000	6,780	6,702	1,322	6,702	974	4,762	235	1,585	92	349	Q	15.9
50,001 to 100,000	6,449	6,418	1,191	6,418	837	4,472	267	1,385	56	542	32	15.4
100,001 to 200,000	5,558	5,550	1,083	5,548	728	4,268	194	1,921	120	644	41	17.2
200,001 to 500,000	5,169	5,164	1,077	5,160	717	4,122	221	1,843	82	1,183	57	15.1
Over 500,000	2,710	2,710	584	2,703	398	2,106	117	990	Q	763	38	21.2
Year Constructed												
1899 or Before	1,999	1,951	362	1,951	224	1,479	88	551	35	288	Q	21.8
1900 to 1919	4,660	4,627	623	4,611	333	3,676	185	1,296	76	653	29	14.7
1920 to 1945	8,660	8,601	1,684	8,591	901	6,374	595	2,685	149	830	40	16.8
1946 to 1959	8,391	8,323	1,569	8,312	978	6,067	388	2,730	164	595	39	12.9
1960 to 1969	9,360	9,328	2,053	9,328	1,418	6,920	457	2,091	130	846	49	12.9
1970 to 1979	10,478	10,383	2,556	10,361	1,936	5,961	462	2,044	127	509	31	12.5

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	Floor-space (million sq.ft.)	Floor-space (million sq.ft.)	Con-sump-tion (trillion Btu)	Floor-space (million sq.ft.)	Con-sump-tion (trillion Btu)	Floor-space (million sq.ft.)	Con-sump-tion (trillion Btu)	Floor-space (million sq.ft.)	Con-sump-tion (trillion Btu)	Floor-space (million sq.ft.)	Con-sump-tion (trillion Btu)	
	0.6	0.7	0.8	0.7	1.0	0.8	1.1	1.0	1.3	2.0	1.8	
All Buildings	43,546	43,213	4,965	43,153	1,908	30,477	2,174	11,397	681	3,722	201	8.8
Census Region												
Northeast	9,531	9,488	1,217	9,455	425	6,746	443	4,415	285	1,209	64	15.6
Midwest	14,197	14,169	1,826	14,160	593	11,807	1,007	2,973	133	1,514	93	14.2
South	13,661	13,432	1,395	13,425	662	7,771	470	2,968	237	631	26	16.7
West	6,156	6,124	526	6113	227	4,153	255	1,040	26	368	18	20.2
Census Division¹												
New England												
Middle Atlantic												
East North Central												
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Principal Building Activity												
Assembly	5,329	5,321	429	5,321	134	4,001	214	1,372	61	502	20	16.1
Education	5,969	5,969	511	5,965	163	4,170	214	2,285	107	399	27	15.0
Food Sales and Service	1,770	1,770	336	1,766	171	1,141	145	319	15	63	5	15.5
Health Care	1,955	1,955	469	1,953	129	1,742	221	1,117	97	212	22	16.2
Lodging	2,074	2,074	278	2,074	119	1,527	115	453	20	468	24	18.5
Mercantile and Service	9,959	9,959	894	9,922	361	7,563	422	2,087	103	304	Q	14.4
Office	6,986	6,986	861	6,979	424	4,611	272	1,748	107	1,149	58	12.0
Warehouse	6,007	5,940	641	5,940	222	3,639	305	1,302	97	159	Q	15.9
Other	2,129	2,115	456	2,115	151	1,393	Q	536	59	297	13	23.4
Vacant	1,367	1,123	89	1,117	35	690	33	178	15	Q	Q	28.6
Building Floorspace (square feet)												
1,001 to 2,000	786	763	155	763	66	414	76	128	14	Q	Q	16.8
2,001 to 5,000	3,356	3,261	504	3,237	188	1,924	233	625	82	Q	Q	10.8
5,001 to 10,000	5,073	4,997	595	4,986	175	3,237	337	1,164	82	49	Q	13.2
10,001 to 25,000	7,665	7,648	902	7,636	276	5,172	494	1,757	125	184	8	16.3
25,001 to 50,000	6,780	6,702	669	6,702	321	4,762	235	1,585	92	349	21	15.1
50,001 to 100,000	6,449	6,418	630	6,418	276	4,472	267	1,385	56	542	32	13.3
100,001 to 200,000	5,558	5,550	595	5,548	240	4,268	194	1,921	120	644	41	15.2
200,001 to 500,000	5,169	5,164	596	5,160	236	4,122	221	1,843	82	1,183	57	13.6
Over 500,000	2,710	2,710	317	2,703	131	2,106	117	990	Q	763	38	20.5
Year Constructed												
1899 or Before	1,999	1,951	211	1,951	74	1,479	88	551	35	288	14	24.2
1900 to 1919	4,660	4,627	400	4,611	110	3,676	185	1,296	76	653	29	14.2
1920 to 1945	8,660	8,601	1,080	8,591	297	6,374	595	2,685	149	830	40	16.5
1946 to 1959	8,391	8,323	914	8,312	322	6,067	388	2,730	164	595	39	12.3
1960 to 1969	9,360	9,328	1,102	9,328	467	6,920	457	2,091	130	846	49	11.8
1970 to 1979	10,478	10,383	1,258	10,361	638	5,961	462	2,044	127	509	31	12.3

¹ Census Division Data were not collected in 1979.

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

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