

Table C14A.83p. Total Primary Consumption and Number of Buildings for All End Uses by Energy Source in Commercial Buildings, 1983

Building Characteristics	All Buildings	Energy Sources										RSE Row Factors
		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)	
	0.6	0.6	0.8	0.6	0.9	0.8	1.0	1.2	1.7	2.0	1.9	
RSE Column Factors:	0.6	0.6	0.8	0.6	0.9	0.8	1.0	1.2	1.7	2.0	1.9	
All Buildings	3,185	3,062	9,257	3,052	6,564	1,904	2,091	441	314	57	289	8.8
Census Region												
Northeast	525	510	1,534	509	1,000	329	278	180	172	15	84	14.9
Midwest	987	950	3,222	946	2,074	759	978	88	28	21	141	14.0
South	1,183	1,130	3,129	1,126	2,468	517	523	142	104	Q	34	17.3
West	490	472	1,372	472	1,021	299	311	31	Q	10	30	23.5
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	417	617	415	370	262	196	80	24	8	26	16.6
Education	171	171	798	171	470	115	246	31	61	8	Q	18.8
Food Sales and Service	322	322	854	320	652	202	188	33	Q	3	Q	14.7
Health Care	54	54	769	54	453	36	218	10	28	Q	70	21.1
Lodging	97	97	678	97	466	63	170	12	Q	10	22	22.1
Mercantile and Service	900	889	1,699	887	1,313	581	327	138	43	3	Q	13.7
Office	501	501	2,079	500	1,571	314	365	62	Q	9	68	13.6
Warehouse	357	336	873	336	591	183	235	42	33	Q	Q	15.4
Other	127	123	548	123	426	68	78	19	13	6	31	16.8
Vacant	237	152	345	150	252	81	67	Q	9	4	Q	23.0
Building Floorspace (square feet)												
1,001 to 2,000	552	517	310	515	172	314	132	60	7	*	*	16.7
2,001 to 5,000	1,039	988	938	985	625	549	280	134	32	Q	1	12.4
5,001 to 10,000	687	667	970	664	648	442	272	96	47	8	Q	13.2
10,001 to 25,000	519	511	1,312	510	956	334	267	90	Q	13	Q	12.3
25,001 to 50,000	209	203	1,311	203	940	141	308	27	36	13	Q	14.7
50,001 to 100,000	103	100	1,192	100	887	69	235	16	37	9	33	14.1
100,001 to 200,000	48	47	1,084	47	757	36	230	9	36	5	61	14.2
200,001 to 500,000	24	23	1,373	23	1,009	17	233	8	39	5	91	18.1
Over 500,000	5	5	768	5	570	4	134	1	Q	1	50	27.8
Year Constructed												
1899 or Before	157	153	197	153	115	103	55	39	15	Q	Q	22.7
1900 to 1919	303	287	482	286	280	199	147	57	35	6	20	15.1
1920 to 1945	626	589	1,442	584	935	411	352	98	87	16	68	14.1
1946 to 1959	671	626	1,464	624	972	395	359	115	71	18	62	11.9
1960 to 1969	601	594	1,916	594	1,340	378	447	64	Q	8	77	13.9
1970 to 1979	697	685	2,659	685	2,013	346	559	62	47	4	39	14.5
1980 to 1983	131	127	1,097	127	907	72	171	6	8	Q	11	23.6

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 C14A.83s. Total Site Consumption and Number of Buildings for All End Uses by Energy Source in Commercial Buildings, 1983

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)	
	0.6	0.6	0.8	0.6	0.9	0.8	1.0	1.2	1.7	2.0	1.9	
RSE Column Factors:	0.6	0.6	0.8	0.6	0.9	0.8	1.0	1.2	1.7	2.0	1.9	
All Buildings	3,185	3,062	4,823	3,052	2,129	1,904	2,091	441	314	57	289	8.6
Census Region												
Northeast	525	510	858	509	324	329	278	180	172	15	84	13.1
Midwest	987	950	1,820	946	673	759	978	88	28	21	141	14.9
South	1,183	1,130	1,462	1,126	801	517	523	142	104	Q	34	15.8
West	490	472	682	472	331	299	311	31	10	10	30	22.4
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	420	417	367	415	120	262	196	80	24	8	26	16.3
Education	171	171	480	171	152	115	246	31	61	8	21	17.7
Food Sales and Service	322	322	414	320	212	202	188	33	9	3	Q	15.0
Health Care	54	54	463	54	147	36	218	10	28	Q	70	20.6
Lodging	97	97	362	97	151	63	170	12	18	10	22	20.3
Mercantile and Service	900	889	812	887	426	581	327	138	43	3	Q	12.5
Office	501	501	1,018	500	509	314	365	62	75	9	68	14.8
Warehouse	357	336	474	336	192	183	235	42	33	Q	Q	14.7
Other	127	123	260	123	138	68	78	19	13	6	31	19.3
Vacant	237	152	174	150	82	81	67	Q	9	4	16	21.7
Building Floorspace (square feet)												
1,001 to 2,000	552	517	194	515	56	314	132	60	7	*	*	16.3
2,001 to 5,000	1,039	988	516	985	203	549	280	134	32	Q	Q	12.1
5,001 to 10,000	687	667	532	664	210	442	272	96	47	8	3	15.7
10,001 to 25,000	519	511	666	510	310	334	267	90	67	13	23	12.9
25,001 to 50,000	209	203	676	203	305	141	308	27	36	13	Q	14.3
50,001 to 100,000	103	100	592	100	288	69	235	16	37	9	33	13.0
100,001 to 200,000	48	47	572	47	246	36	230	9	36	5	Q	13.7
200,001 to 500,000	24	23	691	23	327	17	233	8	39	5	91	16.2
Over 500,000	5	5	383	5	185	4	134	1	14	1	50	25.1
Year Constructed												
1899 or Before	157	153	119	153	37	103	55	39	15	Q	Q	22.8
1900 to 1919	303	287	293	286	91	199	147	57	35	6	20	15.3
1920 to 1945	626	589	811	584	303	411	352	98	87	16	Q	13.3
1946 to 1959	671	626	808	624	315	395	359	115	71	18	62	12.0
1960 to 1969	601	594	1,010	594	435	378	447	64	51	8	77	13.7
1970 to 1979	697	685	1,298	685	653	346	559	62	47	4	39	14.7
1980 to 1983	131	127	484	127	294	72	171	6	8	Q	Q	21.0

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 C14B.83p. Total Primary Consumption and Floorspace for All End Uses by Energy Source in Commercial Buildings, 1983

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)	
	0.7	0.7	0.8	0.7	0.9	0.8	1.0	1.2	1.7	1.7	1.8	
All Buildings	49,471	48,458	9,257	48,327	6,564	33,935	2,091	9,409	314	4,454	289	9.7
Census Region												
Northeast	10,253	10,051	1,534	9,982	1,000	6,948	278	4,205	172	1,319	84	14.0
Midwest	15,248	14,914	3,222	14,881	2,074	12,793	978	1,767	28	1,881	141	13.7
South	16,611	16,253	3,129	16,224	2,468	9,170	523	2,840	104	769	34	19.1
West	7,359	7,240	1,372	7,240	1,021	5,024	311	597	Q	485	30	22.1
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	5,460	5,452	617	5,426	370	4,018	196	754	24	501	26	17.9
Education	6,041	6,041	798	6,034	470	4,448	246	1,431	61	408	Q	16.8
Food Sales and Service	2,012	2,010	854	2,008	652	1,424	188	281	Q	81	Q	13.5
Health Care	2,271	2,271	769	2,271	453	2,047	218	1,221	28	392	70	18.1
Lodging	2,235	2,235	678	2,235	466	1,720	170	521	Q	512	22	20.7
Mercantile and Service	10,322	10,244	1,699	10,238	1,313	7,905	327	1,499	43	Q	Q	20.1
Office	8,311	8,300	2,079	8,271	1,571	5,496	365	1,589	Q	1,197	68	12.9
Warehouse	6,763	6,677	873	6,677	591	4,348	235	1,114	33	Q	Q	16.6
Other	2,743	2,725	548	2,725	426	1,264	78	647	13	443	31	18.9
Vacant	3,315	2,503	345	2,441	252	1,263	67	353	9	287	Q	23.6
Building Floorspace (square feet)												
1,001 to 2,000	830	780	310	778	172	474	132	92	7	*	*	16.7
2,001 to 5,000	3,453	3,294	938	3,282	625	1,832	280	452	32	Q	1	12.1
5,001 to 10,000	4,981	4,818	970	4,795	648	3,227	272	668	47	60	Q	13.4
10,001 to 25,000	8,164	8,046	1,312	8,024	956	5,236	267	1,326	Q	225	Q	12.3
25,001 to 50,000	7,260	7,038	1,311	7,038	940	4,934	308	979	36	427	Q	15.0
50,001 to 100,000	6,928	6,736	1,192	6,729	887	4,655	235	1,058	37	607	33	13.7
100,001 to 200,000	6,393	6,364	1,084	6,362	757	4,872	230	1,304	36	672	61	13.9
200,001 to 500,000	7,045	6,963	1,373	6,908	1,009	4,923	233	2,331	39	1,629	91	18.1
Over 500,000	4,418	4,418	768	4,411	570	3,782	134	1,200	Q	817	50	30.4
Year Constructed												
1899 or Before	1,838	1,788	197	1,788	115	1,323	55	387	15	Q	Q	20.5
1900 to 1919	4,539	4,360	482	4,343	280	3,123	147	936	35	493	20	14.0
1920 to 1945	8,711	8,306	1,442	8,233	935	5,850	352	1,764	87	1,010	68	15.4
1946 to 1959	8,419	8,247	1,464	8,233	972	6,196	359	2,399	71	852	62	13.0
1960 to 1969	9,538	9,484	1,916	9,478	1,340	7,191	447	1,498	Q	960	77	13.3
1970 to 1979	10,803	10,692	2,659	10,678	2,013	6,609	559	1,530	47	579	39	12.5
1980 to 1983	5,623	5,580	1,097	5,573	907	3,643	171	895	8	Q	11	35.1

¹ Census Division Data were not collected in 1983.

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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.

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Table C14B.83s. Total Site Consumption and Floorspace for All End Uses by Energy Source in Commercial Buildings, 1983

Building Characteristics	All Build- ings	Energy Sources										RSE Row Fac- tors
		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)	
	RSE Column Factors:	0.7	0.7	0.7	0.7	0.9	0.8	0.9	1.2	1.7	1.7	
All Buildings	49,471	48,458	4,823	48,327	2,129	33,935	2,091	9,409	314	4,454	289	9.4
Census Region												
Northeast	10,253	10,051	858	9,982	324	6,948	278	4,205	172	1,319	84	12.3
Midwest	15,248	14,914	1,820	14,881	673	12,793	978	1,767	28	1,881	141	14.6
South	16,611	16,253	1,462	16,224	801	9,170	523	2,840	104	769	34	17.5
West	7,359	7,240	682	7,240	331	5,024	311	597	10	485	30	21.2
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	5,460	5,452	367	5,426	120	4,018	196	754	24	501	26	17.6
Education	6,041	6,041	480	6,034	152	4,448	246	1,431	61	408	21	16.1
Food Sales and Service	2,012	2,010	414	2,008	212	1,424	188	281	9	81	Q	14.0
Health Care	2,271	2,271	463	2,271	147	2,047	218	1,221	28	392	70	17.6
Lodging	2,235	2,235	362	2,235	151	1,720	170	521	18	512	22	19.2
Mercantile and Service	10,322	10,244	812	10,238	426	7,905	327	1,499	43	Q	Q	18.3
Office	8,311	8,300	1,018	8,271	509	5,496	365	1,589	75	1,197	68	14.1
Warehouse	6,763	6,677	474	6,677	192	4,348	235	1,114	33	Q	Q	15.9
Other	2,743	2,725	260	2,725	138	1,264	78	647	13	443	31	21.8
Vacant	3,315	2,503	174	2,441	82	1,263	67	353	9	287	16	22.4
Building Floorspace (square feet)												
1,001 to 2,000	830	780	194	778	56	474	132	92	7	*	*	16.4
2,001 to 5,000	3,453	3,294	516	3,282	203	1,832	280	452	32	Q	Q	11.8
5,001 to 10,000	4,981	4,818	532	4,795	210	3,227	272	668	47	60	3	16.0
10,001 to 25,000	8,164	8,046	666	8,024	310	5,236	267	1,326	67	225	23	13.0
25,001 to 50,000	7,260	7,038	676	7,038	305	4,934	308	979	36	427	Q	14.6
50,001 to 100,000	6,928	6,736	592	6,729	288	4,655	235	1,058	37	607	33	12.6
100,001 to 200,000	6,393	6,364	572	6,362	246	4,872	230	1,304	36	672	Q	13.4
200,001 to 500,000	7,045	6,963	691	6,908	327	4,923	233	2,331	39	1,629	91	16.2
Over 500,000	4,418	4,418	383	4,411	185	3,782	134	1,200	14	817	50	27.3
Year Constructed												
1899 or Before	1,838	1,788	119	1,788	37	1,323	55	387	15	Q	Q	20.7
1900 to 1919	4,539	4,360	293	4,343	91	3,123	147	936	35	493	20	14.2
1920 to 1945	8,711	8,306	811	8,233	303	5,850	352	1,764	87	1,010	Q	14.6
1946 to 1959	8,419	8,247	808	8,233	315	6,196	359	2,399	71	852	62	13.1
1960 to 1969	9,538	9,484	1,010	9,478	435	7,191	447	1,498	51	960	77	13.2
1970 to 1979	10,803	10,692	1,298	10,678	653	6,609	559	1,530	47	579	39	12.7
1980 to 1983	5,623	5,580	484	5,573	294	3,643	171	895	8	Q	Q	32.7

¹ Census Division Data were not collected in 1983.

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