

Table B22. Energy sources, number of buildings, 2012

	Number of buildings (thousand)									
	Energy sources used (more than one may apply)									
	All buildings	Buildings using any energy source	Electricity	Natural gas	Fuel oil	District heat	District chilled water	Propane	Other ¹	
All buildings	5,557	5,239	5,234	2,933	467	48	54	510	172	
Building floorspace (square feet)										
1,001 to 5,000	2,777	2,559	2,556	1,253	204	Q	Q	252	69	
5,001 to 10,000	1,229	1,172	1,171	660	74	Q	Q	134	41	
10,001 to 25,000	884	852	852	548	67	Q	9	74	31	
25,001 to 50,000	332	326	326	227	39	6	Q	24	16	
50,001 to 100,000	199	195	195	142	39	10	10	14	8	
100,001 to 200,000	90	90	90	67	19	9	9	8	4	
200,001 to 500,000	38	37	37	29	18	5	4	3	3	
Over 500,000	8	8	8	6	6	2	1	1	1	
Principal building activity										
Education	389	389	389	234	30	12	25	25	10	
Food sales	177	177	177	82	Q	N	N	Q	Q	
Food service	380	380	380	283	Q	Q	Q	47	Q	
Health care	157	157	157	95	23	2	Q	10	Q	
Inpatient	10	10	10	8	9	1	1	2	Q	
Outpatient	147	147	147	87	15	Q	Q	Q	Q	
Lodging	158	158	158	99	28	4	Q	26	Q	
Mercantile	602	602	599	356	44	Q	N	51	22	
Retail (other than mall)	438	438	435	232	37	Q	N	43	Q	
Enclosed and strip malls	164	164	164	124	7	Q	N	8	Q	
Office	1,012	1,012	1,012	595	86	12	10	35	24	
Public assembly	352	352	352	205	27	7	5	67	17	
Public order and safety	84	84	84	53	34	Q	Q	Q	Q	
Religious worship	412	412	412	229	23	N	Q	66	Q	
Service	619	602	602	339	86	Q	N	69	39	
Warehouse and storage	796	676	675	261	26	Q	N	45	16	
Other	125	123	123	59	28	Q	Q	22	Q	
Vacant	296	116	116	44	Q	Q	Q	Q	Q	
Year constructed										
Before 1920	362	337	337	202	56	5	Q	45	Q	
1920 to 1945	488	459	458	288	44	7	Q	35	22	
1946 to 1959	599	554	554	334	53	5	Q	49	15	
1960 to 1969	639	609	609	401	75	9	11	54	20	
1970 to 1979	684	651	651	406	58	10	9	62	24	
1980 to 1989	915	856	856	431	50	2	3	52	21	
1990 to 1999	845	764	762	407	51	3	10	89	19	
2000 to 2003	375	370	370	182	35	4	5	49	10	
2004 to 2007	347	341	341	144	18	2	6	43	Q	
2008 to 2012	303	297	296	138	27	Q	Q	31	Q	

Table B22. Energy sources, number of buildings, 2012

Number of buildings (thousand)

	Energy sources used (more than one may apply)									
	All buildings	Buildings using any energy source	Electricity	Natural gas	Fuel oil	District heat	District chilled water	Propane	Other ¹	
All buildings	5,557	5,239	5,234	2,933	467	48	54	510	172	
Census region and division										
Northeast	805	773	770	433	217	16	7	106	51	
New England	302	287	285	98	115	Q	Q	75	Q	
Middle Atlantic	504	486	485	335	102	9	Q	31	22	
Midwest	1,237	1,173	1,171	843	77	7	2	133	50	
East North Central	735	706	706	577	46	3	2	37	28	
West North Central	502	467	466	266	31	4	Q	96	22	
South	2,247	2,086	2,086	950	131	18	35	187	34	
South Atlantic	1,091	1,020	1,020	387	69	9	22	94	19	
East South Central	370	354	354	191	30	Q	Q	49	Q	
West South Central	786	712	712	372	32	5	6	43	Q	
West	1,267	1,207	1,207	707	43	7	9	84	37	
Mountain	338	316	316	218	8	Q	1	29	12	
Pacific	929	891	891	489	35	5	8	55	Q	
Climate region²										
Very cold/Cold	2,031	1,934	1,929	1,264	271	18	7	227	112	
Mixed-humid	1,743	1,637	1,637	932	131	20	18	170	39	
Mixed-dry/Hot-dry	837	791	791	428	22	4	7	59	14	
Hot-humid	799	740	740	215	36	Q	21	51	Q	
Marine	147	138	138	94	7	Q	Q	Q	Q	
Number of workers (main shift)										
Fewer than 5	2,892	2,575	2,570	1,225	214	Q	Q	286	84	
5 to 9	1,085	1,084	1,084	606	73	Q	Q	98	36	
10 to 19	731	731	731	498	45	Q	Q	66	24	
20 to 49	513	513	513	348	44	11	9	40	11	
50 to 99	206	206	206	154	39	7	9	11	9	
100 to 249	93	93	93	74	30	7	6	7	6	
250 or more	37	37	37	27	21	7	5	2	2	
Weekly operating hours										
Fewer than 40	1,149	942	941	433	58	Q	Q	133	Q	
40 to 48	1,346	1,325	1,325	726	125	7	12	93	30	
49 to 60	1,244	1,232	1,229	757	102	11	10	112	65	
61 to 84	764	744	744	454	49	9	9	59	26	
85 to 167	479	466	466	281	30	6	12	40	17	
Open continuously	575	529	529	282	102	11	11	73	19	

Table B22. Energy sources, number of buildings, 2012

	Number of buildings (thousand)								
	Energy sources used (more than one may apply)								
	All buildings	Buildings using any energy source	Electricity	Natural gas	Fuel oil	District heat	District chilled water	Propane	Other ¹
All buildings	5,557	5,239	5,234	2,933	467	48	54	510	172
Ownership and occupancy									
Nongovernment owned	4,781	4,484	4,480	2,489	365	22	17	435	145
Owner occupied	2,466	2,400	2,395	1,317	223	13	14	297	100
Leased to tenant(s)	1,745	1,675	1,675	951	108	Q	2	107	31
Owner occupied and leased	349	344	344	198	29	2	1	29	13
Unoccupied	221	66	66	23	Q	Q	N	Q	Q
Government owned	776	755	755	444	101	26	37	75	27
Federal	33	33	33	21	Q	1	Q	Q	Q
State	185	183	183	100	15	18	20	13	Q
Local	558	538	538	322	83	7	16	57	16
Energy sources (more than one may apply)									
Electricity	5,234	5,234	5,234	2,933	467	48	54	507	167
Natural gas	2,933	2,933	2,933	2,933	164	17	21	69	72
Fuel oil	467	467	467	164	467	10	8	90	41
District heat	48	48	48	17	10	48	26	Q	1
District chilled water	54	54	54	21	8	26	54	Q	Q
Propane	510	510	507	69	90	Q	Q	510	38
Other	172	172	167	72	41	1	Q	38	172
Energy end uses (more than one may apply)									
Buildings with space heating	4,722	4,722	4,717	2,888	455	48	51	491	172
Buildings with cooling	4,461	4,461	4,461	2,700	360	44	54	420	126
Buildings with water heating	4,423	4,423	4,423	2,742	411	45	51	466	141
Buildings with cooking	1,589	1,589	1,589	1,087	166	14	9	234	60
Buildings with manufacturing	259	259	259	153	25	Q	Q	43	Q
Buildings with electricity generation	410	410	410	270	214	15	12	79	73
Food preparation or serving areas in non-food service buildings (more than one may apply)									
Snack bar or concession stand	153	153	153	96	24	3	2	22	5
Fast food or small restaurant	173	173	173	132	19	2	1	24	5
Cafeteria or large restaurant	130	130	130	104	35	6	3	17	11
Commercial kitchen/food preparation area	282	282	282	221	49	4	3	38	10
Small kitchen area	736	736	736	459	82	3	3	121	31

Table B22. Energy sources, number of buildings, 2012

	Number of buildings (thousand)								
	Energy sources used (more than one may apply)								
	All buildings	Buildings using any energy source	Electricity	Natural gas	Fuel oil	District heat	District chilled water	Propane	Other ¹
All buildings	5,557	5,239	5,234	2,933	467	48	54	510	172

¹Other includes wood, coal, solar, and all other energy sources.

²These climate regions were created by the Building America program, sponsored by the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy (EERE).

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

N = No cases in reporting sample.

Notes: • Because of rounding, data may not sum to totals. • See *Guide to the 2012 CBECS Detailed Tables* or *CBECS Terminology* for definition of terms used in these tables and/or comparison of differences with prior CBECS tables. Both references can be accessed from <http://www.eia.gov/consumption/commercial/data/2012/>

Source: U.S. Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Form EIA-871A of the 2012 Commercial Buildings Energy Consumption Survey.