



◀ Consumption & Efficiency

Commercial Buildings Energy Consumption Survey (CBECS)

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Table PBA1. Summary table: total and means of floorspace, number of workers, and hours of operation by building activity subcategories, 2012

Released: December 2016

	Number of buildings (thousand)	Total floorspace (million square feet)	Total workers (thousand)	Mean square feet per building (thousand)	Mean square feet per worker ¹	Mean operating hours per week
All buildings	5,557	87,093	88,182	15.7	936	62
Principal building activity (expanded)						
Education	389	12,239	10,885	31.5	1,124	53
College or university	27	1,883	1,502	69.2	1,254	84
K-12	232	9,175	8,149	39.6	1,126	51
Elementary or middle school	189	6,118	5,286	32.4	1,157	50
High school	43	3,056	2,863	71.6	1,068	55
Preschool or daycare	68	431	749	6.4	575	57
Other classroom education	62	750	485	12.1	1,546	46
Food sales	177	1,252	1,172	7.1	1,067	121
Convenience store ²	131	470	441	3.6	1,068	127
Grocery store or food market	45	763	719	17.1	1,061	103
Other food sales	Q	Q	Q	Q	Q	Q
Food service	380	1,819	3,431	4.8	530	82
Fast food	92	302	793	3.3	381	103
Restaurant or cafeteria	179	1,039	1,934	5.8	537	76
Bar, pub, or lounge	71	350	455	4.9	768	79
Other food service	37	128	248	3.4	516	67
Health care	157	4,155	7,613	26.5	546	60
Inpatient	10	2,374	4,281	247.8	555	168
Outpatient	147	1,781	3,333	12.1	535	53
Office (diagnostic)	60	510	1,008	8.5	506	48
Clinic or other outpatient	87	1,271	2,325	14.6	547	56
Lodging	158	5,826	3,066	36.9	1,894	165
Hotel	30	2,717	1,103	90.6	2,463	168
Motel or inn	61	602	254	9.9	2,328	163
Dormitory, fraternity, or sorority	25	805	137	32.7	5,831	166

Nursing home or assisted living	30	1,275	1,355	43.2	941	168
Other lodging	13	426	217	33.2	1,959	164
Mercantile	602	11,330	9,117	18.8	1,243	64
Retail (other than mall)	438	5,439	4,023	12.4	1,352	62
Retail store	336	4,504	3,146	13.4	1,432	62
Vehicle dealership	43	559	549	13.0	1,018	63
Other retail	59	376	328	6.4	1,147	63
Enclosed and strip malls	164	5,890	5,094	35.9	1,156	69
Strip shopping center	163	5,087	4,470	31.3	1,138	69
Enclosed mall	1	803	624	582.8	1,288	70
Office	1,012	15,952	33,756	15.8	473	55
Administrative or professional	558	8,937	19,634	16.0	455	55
Bank or other financial	91	920	1,891	10.1	486	50
Government	113	2,655	5,434	23.4	489	55
Medical (non-diagnostic)	50	302	429	6.0	705	45
Mixed-use	125	2,656	5,166	21.2	514	60
Other office	74	482	1,202	6.5	401	55
Public assembly	352	5,559	3,108	15.8	1,716	56
Library	24	761	477	32.0	1,592	52
Entertainment or culture	51	1,266	593	24.7	2,062	54
Recreation	100	1,898	702	18.9	2,638	68
Social or meeting	135	948	665	7.0	1,227	42
Other assembly	41	685	670	16.6	1,017	78
Public order and safety	84	1,440	1,854	17.2	756	113
Fire or police station	69	572	788	8.3	678	112
Courthouse or probation office	6	436	741	69.4	589	53
Other public order	9	432	326	49.9	1,324	168
Religious worship	412	4,557	1,940	11.1	2,295	31
Service	619	4,630	4,031	7.5	1,086	56
Post office or postal center	30	446	553	14.7	807	73
Repair shop	84	535	502	6.3	1,066	50
Vehicle service or repair	214	1,653	1,514	7.7	1,092	55
Vehicle storage or maintenance	176	1,311	904	7.4	1,171	54
Other service	114	685	558	6.0	1,224	59
Warehouse and storage	796	13,077	6,362	16.4	1,843	67
Nonrefrigerated	787	12,635	6,108	16.1	1,847	67
Warehouse	427	5,377	3,018	12.6	1,572	52
Distribution or shipping center	151	5,688	2,991	37.6	1,886	56
Self storage units	209	1,571	99	7.5	9,054	106
Refrigerated	8	443	254	52.1	1,743	81
Other	125	2,002	1,611	16.0	1,193	61
Laboratory	16	467	713	30.1	655	61
Other	109	1,535	898	14.0	1,621	61
Vacant	296	3,256	236	11.0	3,309	8

¹Buildings with zero workers are excluded from this column.

²Includes Convenience stores and Convenience stores with gas stations.

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

Notes: • Because of rounding, data may not sum to totals. • See the Guide to the 2012 CBECS Detailed Tables or CBECS Terminology for definitions 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.