

Table PBA4. Electricity consumption totals and conditional intensities by building activity subcategories, 2012

	Site electricity consumption								
	All buildings using electricity			Distribution of building-level intensities (kWh/square foot)					
	Number of buildings (thousand)	Total floorspace (million square feet)	Floorspace per building (thousand square feet)	Total (billion kWh)	per building (thousand kWh)	per square foot (kWh)	25th percentile	Median	75th percentile
All buildings	5,234	84,869	16.2	1,243	237	14.6	3.8	8.7	17.2
Principal building activity (expanded)									
Education	389	12,239	31.5	134	345	11.0	5.6	9.0	13.7
College or university	27	1,883	69.2	33	1,202	17.4	9.2	14.4	20.0
K-12	232	9,175	39.6	89	386	9.8	5.6	8.3	12.6
Elementary or middle school	189	6,118	32.4	58	306	9.5	5.6	8.0	11.9
High school	43	3,056	71.6	32	740	10.3	6.2	10.5	15.5
Preschool or daycare	68	431	6.4	6	85	13.3	8.0	11.6	16.9
Other classroom education	62	750	12.1	6	100	8.2	2.6	6.6	10.7
Food sales	177	1,252	7.1	61	345	48.7	35.0	54.8	81.4
Convenience store ¹	131	470	3.6	27	203	56.4	34.8	63.0	100.0
Grocery store or food market	45	763	17.1	34	753	44.2	35.2	43.6	55.2
Other food sales	Q	Q	Q	Q	Q	Q	Q	Q	Q
Food service	380	1,819	4.8	82	215	44.9	18.9	38.4	73.2
Fast food	92	302	3.3	22	242	73.9	43.5	73.2	117.3
Restaurant or cafeteria	179	1,039	5.8	45	253	43.5	19.8	38.6	67.3
Bar, pub, or lounge	71	350	4.9	9	129	26.3	11.7	25.6	38.3
Other food service	37	128	3.4	5	133	39.0	8.9	21.5	57.4
Health care	157	4,155	26.5	107	683	25.8	7.0	13.1	19.2
Inpatient	10	2,374	247.8	74	7,687	31.0	20.5	32.7	43.9
Outpatient	147	1,781	12.1	33	227	18.7	6.3	12.8	19.0
Office (diagnostic)	60	510	8.5	8	135	16.0	4.7	11.8	16.7
Clinic or other outpatient	87	1,271	14.6	25	290	19.8	7.0	13.2	19.0
Lodging	158	5,826	36.9	89	565	15.3	8.4	13.5	19.5
Hotel	30	2,717	90.6	42	1,414	15.6	9.4	13.8	18.3
Motel or inn	61	602	9.9	9	141	14.3	12.0	15.0	21.1
Dormitory, fraternity, or sorority	25	805	32.7	10	391	12.0	5.1	8.2	13.0
Nursing home or assisted living	30	1,275	43.2	23	793	18.4	10.8	17.4	27.5
Other lodging	13	426	33.2	5	398	12.0	3.0	8.5	14.8
Mercantile	599	11,320	18.9	207	345	18.3	6.2	13.0	21.8
Retail (other than mall)	435	5,430	12.5	82	189	15.2	4.9	9.7	18.8
Retail store	333	4,495	13.5	69	208	15.4	4.3	9.4	17.7
Vehicle dealership	43	559	13.0	8	182	14.0	5.4	9.0	21.5
Other retail	59	376	6.4	5	92	14.4	6.5	14.0	22.9
Enclosed and strip malls	164	5,890	35.9	124	757	21.1	13.8	19.5	27.8
Strip shopping center	163	5,087	31.3	110	678	21.7	13.8	19.5	28.1
Enclosed mall	1	803	582.8	14	10,135	17.4	11.4	17.8	20.2

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All buildings	5,234	84,869	16.2	1,243	237	14.6	3.8	8.7	17.2
Office	1,012	15,952	15.8	253	250	15.9	6.0	9.9	15.8
Administrative or professional	558	8,937	16.0	151	271	16.9	5.5	9.6	15.3
Bank or other financial	91	920	10.1	18	195	19.3	11.1	19.6	24.7
Government	113	2,655	23.4	38	336	14.3	7.9	11.9	17.1
Medical (non-diagnostic)	50	302	6.0	4	73	12.1	6.7	8.8	14.3
Mixed-use	125	2,656	21.2	36	290	13.7	4.5	8.6	13.4
Other office	74	482	6.5	6	86	13.2	4.0	7.4	9.7
Public assembly	352	5,559	15.8	80	229	14.5	3.5	7.7	14.6
Library	24	761	32.0	12	488	15.2	10.7	14.3	15.6
Entertainment or culture	51	1,266	24.7	20	395	16.0	1.8	6.6	13.5
Recreation	100	1,898	18.9	25	248	13.1	3.7	7.3	17.6
Social or meeting	135	948	7.0	10	72	10.2	3.0	6.5	11.2
Other assembly	41	685	16.6	14	340	20.5	4.7	7.1	12.6
Public order and safety	84	1,440	17.2	21	255	14.9	3.9	9.1	16.2
Fire or police station	69	572	8.3	7	98	11.8	3.8	7.6	14.7
Courthouse or probation office	6	436	69.4	7	1,059	15.3	13.2	15.9	19.2
Other public order	9	432	49.9	8	927	18.6	15.6	26.6	34.4
Religious worship	412	4,557	11.1	24	58	5.2	2.2	3.5	5.7
Service	602	4,512	7.5	37	62	8.3	3.4	6.5	12.0
Post office or postal center	30	446	14.7	4	136	9.2	7.4	10.3	13.1
Repair shop	84	535	6.3	4	44	7.0	3.1	5.2	10.2
Vehicle service or repair	214	1,653	7.7	14	67	8.7	4.5	7.5	11.7
Vehicle storage or maintenance	159	1,193	7.5	9	54	7.2	2.0	5.0	8.9
Other service	114	685	6.0	7	58	9.6	4.2	7.5	15.2
Warehouse and storage	675	12,568	18.6	83	123	6.6	1.6	3.7	7.5
Nonrefrigerated	666	12,125	18.2	71	106	5.8	1.6	3.7	7.3
Warehouse	380	5,194	13.7	34	90	6.6	1.4	3.6	6.7
Distribution or shipping center	151	5,688	37.6	31	202	5.4	2.3	5.0	8.5
Self storage units	135	1,244	9.2	6	42	4.6	1.1	3.2	8.7
Refrigerated	8	443	52.1	13	1,498	28.8	10.5	25.2	46.1
Other	123	1,972	16.1	56	455	28.3	2.6	6.6	25.1
Laboratory	16	467	30.1	19	1,228	40.8	13.8	32.0	39.7
Other	107	1,505	14.0	37	344	24.5	2.1	4.8	16.7
Vacant	116	1,699	14.6	8	66	4.5	0.8	1.6	3.6

¹Includes *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 and E of the 2012 Commercial Buildings Energy Consumption Survey.