

Table PBA3. Sum of major fuel consumption totals and gross energy intensities by building activity subcategories, 2012

	Sum of major fuel consumption								
	All buildings			Distribution of building-level intensities (thousand Btu/square foot)					
	Number of buildings (thousand)	Total floorspace (million square feet)	Floorspace per building (thousand square feet)	Total (trillion Btu)	per building (million Btu)	per square foot (thousand Btu)	25th percentile	Median	75th percentile
All buildings	5,557	87,093	15.7	6,963	1,253	80.0	18.9	45.9	89.0
Principal Building Activity (Expanded)									
Education	389	12,239	31.5	842	2,166	68.8	31.1	50.8	81.1
College or university	27	1,883	69.2	231	8,506	122.9	57.0	89.1	128.0
K-12	232	9,175	39.6	536	2,311	58.4	30.9	49.0	75.8
Elementary or middle school	189	6,118	32.4	336	1,778	54.9	28.7	45.7	70.3
High school	43	3,056	71.6	200	4,675	65.3	42.2	63.6	93.1
Preschool or daycare	68	431	6.4	29	423	66.4	36.3	62.8	83.1
Other classroom education	62	750	12.1	46	744	61.4	22.5	37.3	86.6
Food sales	177	1,252	7.1	262	1,483	209.5	128.1	222.8	321.6
Convenience store ¹	131	470	3.6	102	778	216.3	128.1	231.6	354.7
Grocery store or food market	45	763	17.1	157	3,504	205.5	128.0	198.6	232.0
Other food sales	Q	Q	Q	Q	Q	Q	Q	Q	Q
Food service	380	1,819	4.8	514	1,355	282.7	94.4	241.1	449.0
Fast food	92	302	3.3	122	1,318	402.9	195.5	416.1	685.3
Restaurant or cafeteria	179	1,039	5.8	318	1,783	306.3	128.0	285.8	476.6
Bar, pub, or lounge	71	350	4.9	54	761	155.2	65.5	112.3	229.5
Other food service	37	128	3.4	20	534	156.4	33.9	92.6	230.3
Health care	157	4,155	26.5	718	4,578	172.7	42.4	63.2	90.9
Inpatient	10	2,374	247.8	549	57,281	231.1	163.8	205.7	272.6
Outpatient	147	1,781	12.1	169	1,147	94.8	33.5	61.7	82.1
Office (diagnostic)	60	510	8.5	35	580	68.6	32.4	56.7	76.4
Clinic or other outpatient	87	1,271	14.6	134	1,541	105.3	43.5	64.8	90.9
Lodging	158	5,826	36.9	564	3,574	96.9	48.1	69.1	119.1
Hotel	30	2,717	90.6	273	9,095	100.4	56.7	67.4	105.5
Motel or inn	61	602	9.9	43	710	71.8	45.7	53.7	106.5
Dormitory, fraternity, or sorority	25	805	32.7	63	2,562	78.4	24.1	58.2	84.0
Nursing home or assisted living	30	1,275	43.2	154	5,219	120.9	78.8	110.1	157.4
Other lodging	13	426	33.2	31	2,431	73.3	54.8	72.1	125.4
Mercantile	602	11,330	18.8	1,008	1,673	88.9	33.4	63.6	107.6
Retail (other than mall)	438	5,439	12.4	364	830	66.9	25.6	52.2	88.3
Retail store	336	4,504	13.4	299	888	66.3	22.1	49.7	84.0
Vehicle dealership	43	559	13.0	40	916	70.7	34.2	62.8	99.6
Other retail	59	376	6.4	26	434	67.9	40.7	71.7	126.5
Enclosed and strip malls	164	5,890	35.9	644	3,924	109.3	59.0	100.8	177.3
Strip shopping center	163	5,087	31.3	590	3,624	115.9	59.2	100.8	178.3
Enclosed mall	1	803	582.8	54	39,337	67.5	42.9	67.4	72.6

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	All buildings			Total (trillion Btu)	per building (million Btu)	per square foot (thousand Btu)	25th percentile	Median	75th percentile	
	Number of buildings (thousand)	Total floorspace (million square feet)	Floorspace per building (thousand square feet)							
All buildings	5,557	87,093	15.7	6,963	1,253	80.0	18.9	45.9	89.0	
Office	1,012	15,952	15.8	1,241	1,226	77.8	32.6	52.7	80.2	
Administrative or professional	558	8,937	16.0	755	1,352	84.4	31.2	50.9	72.8	
Bank or other financial	91	920	10.1	79	865	85.7	60.8	90.5	114.2	
Government	113	2,655	23.4	194	1,715	73.2	35.6	56.7	81.7	
Medical (non-diagnostic)	50	302	6.0	18	347	57.9	29.3	48.5	63.7	
Mixed-use	125	2,656	21.2	165	1,315	61.9	24.7	45.7	69.4	
Other office	74	482	6.5	31	419	64.8	22.1	40.1	78.0	
Public assembly	352	5,559	15.8	480	1,363	86.3	22.2	49.3	82.5	
Library	24	761	32.0	76	3,184	99.5	43.7	68.2	85.3	
Entertainment or culture	51	1,266	24.7	115	2,243	90.7	22.7	44.1	73.8	
Recreation	100	1,898	18.9	147	1,468	77.6	25.0	51.3	96.4	
Social or meeting	135	948	7.0	58	428	61.1	17.9	36.6	87.6	
Other assembly	41	685	16.6	84	2,042	123.0	32.0	57.2	76.6	
Public order and safety	84	1,440	17.2	133	1,583	92.2	32.9	62.1	107.7	
Fire or police station	69	572	8.3	41	601	72.4	31.4	56.4	81.1	
Courthouse or probation office	6	436	69.4	41	6,574	94.7	74.2	92.0	107.8	
Other public order	9	432	49.9	50	5,783	115.9	104.9	119.5	140.4	
Religious worship	412	4,557	11.1	173	421	38.0	12.5	25.1	49.8	
Service	619	4,630	7.5	272	440	58.7	18.5	42.2	83.7	
Post office or postal center	30	446	14.7	22	716	48.7	46.1	62.5	76.5	
Repair shop	84	535	6.3	23	275	43.4	14.6	33.9	75.7	
Vehicle service or repair	214	1,653	7.7	104	486	62.9	21.5	44.7	89.4	
Vehicle storage or maintenance	176	1,311	7.4	64	363	48.8	8.9	27.6	68.2	
Other service	114	685	6.0	59	519	86.0	23.8	49.0	109.8	
Warehouse and storage	796	13,077	16.4	429	539	32.8	2.5	13.8	35.6	
Nonrefrigerated	787	12,635	16.1	370	470	29.3	2.5	13.4	35.2	
Warehouse	427	5,377	12.6	176	412	32.7	3.7	14.6	35.2	
Distribution or shipping center	151	5,688	37.6	171	1,130	30.1	15.9	28.5	43.8	
Self storage units	209	1,571	7.5	23	112	14.9	0.0	3.7	13.4	
Refrigerated	8	443	52.1	59	6,898	132.5	35.8	85.9	229.0	
Other	125	2,002	16.0	286	2,293	142.9	16.5	44.1	126.5	
Laboratory	16	467	30.1	118	7,591	252.0	72.7	155.2	259.4	
Other	109	1,535	14.0	168	1,541	109.7	15.3	39.7	123.7	
Vacant	296	3,256	11.0	41	140	12.7	0.0	0.0	6.4	

¹ Includes *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, C, D, E, and F of the 2012 Commercial Buildings Energy Consumption Survey.