

Release date: April 2015

Revised date: May 2016

Table B36. Percent of floorspace lit when open, number of buildings and floorspace, 2012

	Number of buildings (thousand)					Total floorspace (million square feet)				
	All buildings	Not lit when open ¹	1 to 50 percent lit	51 to 99 percent lit	100 percent lit	All buildings	Not lit when open ¹	1 to 50 percent lit	51 to 99 percent lit	100 percent lit
All buildings	5,557	570	1,099	1,666	2,222	87,093	3,925	12,628	34,814	35,726
Building floorspace (square feet)										
1,001 to 5,000	2,777	380	564	638	1,196	8,041	963	1,680	1,924	3,474
5,001 to 10,000	1,229	117	259	418	436	8,900	810	1,879	3,060	3,151
10,001 to 25,000	884	53	182	331	317	14,105	885	2,824	5,326	5,070
25,001 to 50,000	332	Q	54	126	141	11,917	Q	1,885	4,519	5,071
50,001 to 100,000	199	Q	29	92	72	13,918	Q	1,956	6,445	5,043
100,001 to 200,000	90	Q	8	40	41	12,415	Q	1,141	5,539	5,560
200,001 to 500,000	38	Q	3	18	16	10,724	Q	837	5,220	4,552
Over 500,000	8	Q	Q	3	4	7,074	Q	Q	2,781	3,806
Principal building activity										
Education	389	N	30	126	233	12,239	N	530	5,777	5,932
Food sales	177	N	Q	54	104	1,252	N	Q	349	815
Food service	380	N	57	104	219	1,819	N	275	596	949
Health care	157	N	Q	68	73	4,155	N	Q	1,695	2,330
Inpatient	10	N	Q	3	7	2,374	N	Q	958	1,392
Outpatient	147	N	Q	65	67	1,781	N	Q	737	938
Lodging	158	Q	51	47	60	5,826	Q	1,059	2,596	2,163
Mercantile	602	Q	73	275	251	11,330	Q	695	6,509	4,116
Retail (other than mall)	438	Q	65	120	249	5,439	Q	431	1,322	3,678
Enclosed and strip malls	164	N	Q	155	Q	5,890	N	Q	5,188	438
Office	1,012	N	227	399	386	15,952	N	1,732	6,723	7,497
Public assembly	352	Q	84	120	135	5,559	Q	728	2,699	2,093
Public order and safety	84	Q	Q	24	32	1,440	Q	Q	578	650
Religious worship	412	Q	101	146	163	4,557	Q	1,665	1,654	1,236
Service	619	Q	121	148	311	4,630	Q	813	1,240	2,304
Warehouse and storage	796	233	239	126	197	13,077	1,016	3,750	3,431	4,881
Other	125	Q	32	28	53	2,002	Q	323	900	708
Vacant	296	260	30	Q	Q	3,256	2,479	656	Q	Q
Year constructed										
Before 1920	362	47	117	112	86	3,983	335	1,278	1,529	841
1920 to 1945	488	59	120	132	178	6,025	376	884	2,193	2,572
1946 to 1959	599	78	130	183	208	7,381	321	1,351	3,215	2,494
1960 to 1969	639	42	123	217	258	10,362	329	1,266	4,594	4,174
1970 to 1979	684	60	124	232	268	10,846	539	1,313	4,445	4,549
1980 to 1989	915	88	179	249	399	15,230	563	2,222	6,151	6,294
1990 to 1999	845	115	120	223	387	13,803	1,002	1,395	4,726	6,680
2000 to 2003	375	Q	70	115	164	7,215	Q	1,008	3,399	2,683
2004 to 2007	347	Q	65	111	143	6,524	Q	1,057	2,520	2,801
2008 to 2012	303	Q	52	92	130	5,723	Q	854	2,043	2,637

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Census region and division										
Northeast	805	68	170	259	308	15,534	480	2,097	6,288	6,670
New England	302	Q	55	115	98	4,302	Q	677	2,099	1,286
Middle Atlantic	504	34	115	145	210	11,232	240	1,420	4,189	5,384
Midwest	1,237	136	292	382	427	18,919	851	2,870	7,932	7,266
East North Central	735	67	171	245	252	12,742	491	1,840	5,616	4,794
West North Central	502	69	121	137	175	6,178	360	1,030	2,315	2,472
South	2,247	242	379	614	1,011	34,279	1,832	4,755	13,288	14,405
South Atlantic	1,091	101	184	319	486	17,981	588	2,375	7,284	7,734
East South Central	370	28	60	80	201	4,904	Q	817	1,665	2,233
West South Central	786	112	135	215	324	11,394	1,055	1,562	4,339	4,438
West	1,267	123	258	411	476	18,360	761	2,907	7,307	7,385
Mountain	338	52	57	109	121	4,981	314	541	1,847	2,279
Pacific	929	71	201	302	355	13,379	447	2,366	5,460	5,107
Climate region²										
Very cold/Cold	2,031	230	449	642	710	31,898	1,479	4,637	13,284	12,498
Mixed-humid	1,743	169	300	494	781	27,873	846	3,702	10,873	12,453
Mixed-dry/Hot-dry	837	67	186	248	336	12,037	531	2,225	4,849	4,432
Hot-humid	799	89	134	229	347	12,831	993	1,689	4,790	5,359
Marine	147	Q	29	53	48	2,454	Q	377	1,018	984
Number of floors										
One	3,836	472	647	1,042	1,675	39,809	2,814	5,680	14,604	16,711
Two	1,158	72	301	399	386	20,206	542	3,641	7,751	8,271
Three	374	Q	110	144	99	8,140	Q	1,600	3,465	2,918
Four to nine	177	5	41	74	56	13,535	368	1,571	6,414	5,181
Ten or more	13	Q	Q	7	5	5,404	Q	Q	2,579	2,644
Number of workers (main shift)										
Fewer than 5	2,892	565	754	616	957	17,751	3,866	5,292	4,069	4,524
5 to 9	1,085	Q	201	372	508	8,973	Q	2,241	3,117	3,567
10 to 19	731	Q	83	284	364	9,623	Q	1,545	3,883	4,186
20 to 49	513	Q	45	234	233	14,514	Q	1,750	6,751	6,011
50 to 99	206	N	12	103	90	13,476	N	908	6,773	5,795
100 to 249	93	N	3	44	46	10,941	N	518	5,492	4,932
250 or more	37	N	1	13	23	11,815	N	375	4,729	6,711
Weekly operating hours										
Fewer than 40	1,149	389	216	223	321	8,220	3,077	1,436	1,745	1,962
40 to 48	1,346	Q	352	435	528	15,828	Q	3,438	6,579	5,676
49 to 60	1,244	Q	217	419	587	20,529	Q	2,849	7,798	9,754
61 to 84	764	Q	102	292	337	15,867	Q	1,643	8,185	5,927
85 to 167	479	Q	60	158	239	9,395	Q	928	3,748	4,656
Open continuously	575	77	151	138	209	17,253	409	2,335	6,758	7,752

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Energy sources (more than one may apply)										
Electricity	5,234	247	1,099	1,666	2,222	84,869	1,700	12,628	34,814	35,726
Natural gas	2,933	55	562	1,051	1,265	58,725	581	7,333	25,435	25,376
Fuel oil	467	Q	93	155	208	20,200	Q	1,820	8,903	9,351
District heat	48	Q	8	18	21	5,964	Q	489	2,799	2,567
District chilled water	54	Q	Q	21	24	4,608	Q	Q	2,214	1,976
Propane	510	Q	112	155	224	7,706	Q	1,231	2,997	3,410
Other	172	Q	45	53	69	3,826	Q	487	1,608	1,689
Energy end uses (more than one may apply)										
Buildings with space heating	4,722	112	963	1,588	2,059	80,078	935	11,367	33,572	34,204
Buildings with cooling	4,461	64	902	1,556	1,939	79,294	602	10,941	33,775	33,976
Buildings with water heating	4,423	57	900	1,538	1,927	79,015	602	10,877	33,513	34,023
Buildings with cooking	1,589	Q	311	567	687	38,546	Q	3,696	17,766	16,991
Buildings with manufacturing	259	Q	63	84	106	5,078	Q	870	2,038	2,137
Buildings with electricity generation	410	Q	65	157	183	25,642	Q	1,811	11,756	12,007
Percent of floorspace heated										
Not heated	835	458	136	78	163	7,015	2,990	1,261	1,242	1,522
1 to 50	697	31	325	144	197	10,130	274	4,056	2,861	2,939
51 to 99	727	Q	138	405	169	14,650	Q	1,618	9,145	3,807
100	3,298	67	500	1,039	1,692	55,298	581	5,693	21,566	27,458
Percent of floorspace cooled										
Not cooled	1,096	506	196	111	283	7,799	3,323	1,688	1,039	1,750
1 to 50	1,173	Q	451	294	405	18,891	Q	5,274	6,153	7,217
51 to 99	897	Q	135	517	235	22,728	Q	1,921	14,102	6,558
100	2,391	32	316	744	1,298	37,676	208	3,746	13,519	20,202
Percent lit during off hours										
Zero	2,489	193	620	610	1,066	24,746	1,246	5,450	6,900	11,150
1 to 50	2,441	38	449	980	973	50,753	394	6,702	24,449	19,207
51 to 100	202	Q	Q	57	141	6,926	Q	Q	2,942	3,908
Building always open with no "off hours"	102	Q	26	19	41	2,443	Q	406	523	1,461
Electricity not used	323	323	N	N	N	2,225	2,225	N	N	N
Lighting equipment types (more than one may apply)										
Incandescent	1,826	Q	391	724	699	38,406	Q	4,867	19,106	14,283
Standard fluorescent	4,649	30	985	1,570	2,065	80,081	335	11,798	33,816	34,132
Compact fluorescent	2,302	Q	478	920	895	53,816	Q	6,202	25,376	22,087
High-intensity discharge (HID)	525	Q	78	227	220	23,396	Q	2,418	11,003	9,929
Halogen	905	Q	165	413	326	28,059	Q	2,884	15,045	10,084
LED	473	Q	76	222	174	22,071	Q	1,937	11,847	8,278
Other	10	N	Q	Q	Q	446	N	Q	Q	Q

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Window and interior lighting features (more than one may apply)										
Multipaned windows	3,012	127	561	1,069	1,255	60,362	1,330	7,447	26,198	25,386
Tinted window glass	1,875	61	310	708	796	45,025	1,101	5,092	20,167	18,666
Reflective window glass	549	Q	102	214	223	15,908	Q	1,736	7,595	6,406
External overhangs or awnings	1,867	58	326	742	741	32,188	412	3,938	15,506	12,332
Skylights or atriums	591	19	113	258	202	22,261	451	2,214	11,195	8,401
Light scheduling	918	Q	136	417	361	30,263	Q	2,559	15,354	12,299
Occupancy sensors	813	Q	107	400	303	35,871	Q	3,557	17,580	14,648
Multi-level lighting or dimming	349	Q	67	173	109	14,534	Q	1,336	7,825	5,349
Daylight harvesting	125	Q	22	52	49	6,114	Q	614	2,961	2,524
Demand responsive lighting	176	N	49	80	47	4,738	N	656	2,791	1,291
Building automation system (BAS) for lighting ³	208	Q	11	106	90	12,068	Q	542	6,670	4,832
Equipment usage reduced when building not in full use (more than one may apply)										
Heating	3,699	68	743	1,300	1,588	63,167	679	8,662	27,700	26,127
Cooling	3,517	48	693	1,284	1,491	62,516	498	8,345	27,927	25,746
Lighting	4,757	N	995	1,631	2,131	78,594	N	11,135	33,897	33,563

¹Not lit when open includes buildings that were zero percent lit when open, buildings that were never open, and buildings that did not use any electricity. Some buildings that were never open, such as vacant buildings, still used some lighting.

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).

³In earlier CBECS publications, BAS was referred to as *Energy Management and Control System (EMCS)*.

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.