

Release date: April 2015

Revised date: May 2016

**Table B34. Percent of floorspace heated, number of buildings and floorspace, 2012**

	Number of buildings (thousand)					Total floorspace (million square feet)				
	All buildings	Not heated	1 to 50 percent heated	51 to 99 percent heated	100 percent heated	All buildings	Not heated	1 to 50 percent heated	51 to 99 percent heated	100 percent heated
<b>All buildings</b>	5,557	835	697	727	3,298	87,093	7,015	10,130	14,650	55,298
<b>Building floorspace (square feet)</b>										
1,001 to 5,000	2,777	520	301	299	1,657	8,041	1,342	951	914	4,833
5,001 to 10,000	1,229	183	186	184	676	8,900	1,310	1,387	1,338	4,866
10,001 to 25,000	884	86	143	135	520	14,105	1,360	2,365	2,048	8,332
25,001 to 50,000	332	28	36	47	221	11,917	1,007	1,292	1,657	7,962
50,001 to 100,000	199	12	19	36	133	13,918	804	1,359	2,469	9,287
100,001 to 200,000	90	4	8	16	63	12,415	474	1,146	2,163	8,632
200,001 to 500,000	38	Q	4	8	24	10,724	Q	1,131	2,202	7,015
Over 500,000	8	Q	1	2	5	7,074	Q	500	1,859	4,371
<b>Principal building activity</b>										
Education	389	Q	Q	56	314	12,239	Q	Q	1,699	10,178
Food sales	177	Q	Q	46	105	1,252	Q	Q	405	743
Food service	380	Q	37	63	260	1,819	Q	185	368	1,209
Health care	157	Q	Q	13	129	4,155	Q	Q	435	3,564
Inpatient	10	Q	Q	1	8	2,374	Q	Q	269	2,069
Outpatient	147	Q	Q	12	121	1,781	Q	Q	166	1,495
Lodging	158	Q	Q	15	128	5,826	Q	Q	938	4,572
Mercantile	602	30	73	138	361	11,330	536	914	3,302	6,577
Retail (other than mall)	438	27	60	82	270	5,439	351	439	1,236	3,412
Enclosed and strip malls	164	Q	13	57	91	5,890	Q	475	2,066	3,165
Office	1,012	23	73	165	750	15,952	198	758	3,558	11,437
Public assembly	352	22	35	51	244	5,559	236	544	996	3,783
Public order and safety	84	Q	Q	Q	66	1,440	Q	Q	Q	1,200
Religious worship	412	Q	35	43	330	4,557	Q	496	710	3,305
Service	619	90	109	86	334	4,630	474	767	747	2,643
Warehouse and storage	796	375	224	28	168	13,077	3,091	4,737	843	4,407
Other	125	Q	30	Q	61	2,002	Q	408	Q	1,038
Vacant	296	209	33	Q	48	3,256	1,841	639	Q	642
<b>Year constructed</b>										
Before 1920	362	39	65	70	187	3,983	400	705	777	2,101
1920 to 1945	488	75	42	74	296	6,025	498	507	1,314	3,706
1946 to 1959	599	83	81	85	350	7,381	486	927	1,358	4,610
1960 to 1969	639	80	74	82	403	10,362	633	1,094	1,407	7,228
1970 to 1979	684	85	101	76	421	10,846	800	1,378	1,474	7,193
1980 to 1989	915	161	134	121	500	15,230	1,507	2,091	2,991	8,641
1990 to 1999	845	170	101	94	480	13,803	1,414	1,417	2,487	8,485
2000 to 2003	375	53	38	47	237	7,215	508	741	1,164	4,803
2004 to 2007	347	56	31	40	220	6,524	552	722	1,013	4,237
2008 to 2012	303	33	30	37	203	5,723	218	547	664	4,294

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<b>All buildings</b>	5,557	835	697	727	3,298	87,093	7,015	10,130	14,650	55,298
<b>Census region and division</b>										
Northeast	805	79	86	137	503	15,534	481	1,132	2,873	11,049
New England	302	38	32	53	179	4,302	212	Q	805	2,910
Middle Atlantic	504	41	55	84	324	11,232	269	757	2,068	8,138
Midwest	1,237	141	103	137	856	18,919	864	1,310	2,239	14,506
East North Central	735	65	56	76	538	12,742	502	734	1,545	9,961
West North Central	502	76	47	61	318	6,178	362	576	694	4,545
South	2,247	405	297	267	1,278	34,279	3,781	3,979	6,218	20,302
South Atlantic	1,091	218	137	127	610	17,981	2,098	2,193	3,098	10,592
East South Central	370	34	40	44	252	4,904	212	469	1,236	2,987
West South Central	786	153	121	96	416	11,394	1,471	1,317	1,883	6,724
West	1,267	210	211	185	661	18,360	1,890	3,709	3,320	9,441
Mountain	338	45	32	32	230	4,981	277	592	658	3,453
Pacific	929	165	179	153	432	13,379	1,612	3,117	2,662	5,988
<b>Climate region<sup>1</sup></b>										
Very cold/Cold	2,031	239	193	239	1,360	31,898	1,430	2,315	4,050	24,104
Mixed-humid	1,743	199	188	231	1,125	27,873	1,157	2,485	5,425	18,806
Mixed-dry/Hot-dry	837	161	185	139	352	12,037	1,553	3,165	2,434	4,885
Hot-humid	799	205	114	92	387	12,831	2,741	1,752	2,146	6,193
Marine	147	Q	18	Q	73	2,454	Q	414	595	1,310
<b>Number of floors</b>										
One	3,836	723	489	418	2,206	39,809	5,296	5,882	5,845	22,786
Two	1,158	86	151	170	750	20,206	795	2,788	2,862	13,761
Three	374	Q	42	93	220	8,140	Q	583	1,500	5,812
Four to nine	177	6	15	42	114	13,535	543	690	2,606	9,697
Ten or more	13	Q	Q	4	8	5,404	Q	Q	1,836	3,242
<b>Number of workers (main shift)</b>										
Fewer than 5	2,892	708	366	331	1,487	17,751	4,820	2,527	1,904	8,500
5 to 9	1,085	65	165	153	702	8,973	481	2,012	1,369	5,111
10 to 19	731	39	92	107	493	9,623	652	1,543	1,323	6,104
20 to 49	513	19	57	74	362	14,514	389	1,988	2,561	9,576
50 to 99	206	Q	10	41	152	13,476	Q	968	2,870	9,345
100 to 249	93	Q	5	14	74	10,941	Q	648	1,721	8,436
250 or more	37	Q	1	7	29	11,815	Q	444	2,900	8,226
<b>Weekly operating hours</b>										
Fewer than 40	1,149	334	131	94	590	8,220	2,457	908	651	4,205
40 to 48	1,346	116	225	178	827	15,828	961	2,656	2,655	9,556
49 to 60	1,244	100	169	167	807	20,529	1,164	2,753	2,894	13,718
61 to 84	764	92	98	136	438	15,867	719	1,751	3,556	9,841
85 to 167	479	65	35	91	288	9,395	684	874	1,843	5,994
Open continuously	575	128	38	61	349	17,253	1,030	1,188	3,052	11,983

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<b>All buildings</b>	5,557	835	697	727	3,298	87,093	7,015	10,130	14,650	55,298
<b>Energy sources (more than one may apply)</b>										
Electricity	5,234	517	696	725	3,297	84,869	4,816	10,114	14,645	55,293
Natural gas	2,933	45	322	465	2,101	58,725	597	5,716	11,147	41,265
Fuel oil	467	12	65	58	332	20,200	530	2,005	3,815	13,849
District heat	48	Q	Q	7	40	5,964	Q	Q	1,126	4,720
District chilled water	54	Q	Q	9	41	4,608	Q	Q	596	3,855
Propane	510	19	91	70	330	7,706	374	1,463	1,135	4,734
Other	172	N	20	37	115	3,826	N	340	926	2,559
<b>Space-heating energy sources (more than one may apply)</b>										
Electricity	2,858	N	484	463	1,911	49,030	N	6,797	9,640	32,593
Natural gas	2,612	N	285	420	1,907	49,511	N	4,940	9,298	35,274
Fuel oil	270	N	47	36	187	4,351	N	751	606	2,994
District heat	48	N	Q	7	40	5,925	N	Q	1,126	4,683
Propane	342	N	59	55	228	3,067	N	490	659	1,918
Other	101	N	Q	Q	66	1,010	N	Q	Q	737
<b>Primary space-heating energy source</b>										
Electricity	1,819	N	369	275	1,175	26,205	N	5,013	4,903	16,289
Natural gas	2,322	N	244	370	1,709	42,988	N	4,123	7,919	30,946
Fuel oil	205	N	31	28	146	2,542	N	Q	319	1,767
District heat	47	N	Q	7	40	5,797	N	Q	1,067	4,614
Propane	261	N	45	33	183	1,948	N	370	318	1,259
Other	67	N	Q	Q	46	598	N	Q	Q	422
<b>Energy end uses (more than one may apply)</b>										
Buildings with space heating	4,722	N	697	727	3,298	80,078	N	10,130	14,650	55,298
Buildings with cooling	4,461	189	584	676	3,012	79,294	2,459	9,164	14,438	53,232
Buildings with water heating	4,423	186	549	653	3,034	79,015	2,432	8,908	13,930	53,746
Buildings with cooking	1,589	64	134	244	1,146	38,546	775	2,020	8,040	27,711
Buildings with manufacturing	259	Q	73	40	121	5,078	Q	1,247	1,037	2,506
Buildings with electricity generation	410	Q	35	56	308	25,642	487	1,696	4,679	18,779
<b>Percent of floorspace cooled</b>										
Not cooled	1,096	646	113	51	286	7,799	4,556	966	212	2,066
1 to 50	1,173	75	496	131	471	18,891	1,034	7,528	1,893	8,435
51 to 99	897	22	40	482	353	22,728	434	779	11,180	10,334
100	2,391	92	48	63	2,188	37,676	991	857	1,365	34,463
<b>Percent lit when open</b>										
Zero	70	63	Q	N	Q	322	266	Q	N	Q
1 to 50	1,099	136	325	138	500	12,628	1,261	4,056	1,618	5,693
51 to 99	1,666	78	144	405	1,039	34,814	1,242	2,861	9,145	21,566
100	2,222	163	197	169	1,692	35,726	1,522	2,939	3,807	27,458
Building never open/electricity not used	501	395	28	Q	63	3,603	2,724	253	Q	547

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<b>Heating equipment (more than one may apply)</b>										
Heat pumps	628	N	81	99	448	11,846	N	1,390	2,531	7,925
Furnaces	755	N	76	104	575	8,654	N	931	1,628	6,095
Individual space heaters	1,247	N	233	210	805	20,766	N	2,964	4,499	13,303
District heat	48	N	Q	7	40	5,925	N	Q	1,126	4,683
Boilers	544	N	34	102	407	22,443	N	1,016	4,532	16,895
Packaged heating units	2,802	N	381	456	1,965	49,188	N	6,769	9,295	33,125
Other	62	N	Q	13	39	1,574	N	Q	550	980
<b>HVAC conservation features (more than one may apply)</b>										
Economizer cycle	601	12	39	110	440	30,749	295	1,555	6,253	22,646
Regular HVAC maintenance	3,178	99	354	496	2,228	69,244	1,727	6,828	12,492	48,197
Building automation system (BAS) <sup>2</sup>	781	13	58	139	570	37,051	540	1,910	7,654	26,946
<b>Equipment usage reduced when building not in full use (more than one may apply)</b>										
Heating	3,699	N	533	597	2,568	63,167	N	7,577	12,590	43,000
Cooling	3,517	125	469	553	2,369	62,516	1,613	7,094	12,241	41,568
Lighting	4,757	350	640	684	3,082	78,594	3,639	9,381	13,524	52,050

<sup>1</sup>These 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).

<sup>2</sup>In 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.