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Table B35. Percent of floorspace cooled, number of buildings and floorspace, 2012

	Number of buildings (thousand)					Total floorspace (million square feet)				
	All buildings	Not cooled	1 to 50 percent cooled	51 to 99 percent cooled	100 percent cooled	All buildings	Not cooled	1 to 50 percent cooled	51 to 99 percent cooled	100 percent cooled
All buildings	5,557	1,096	1,173	897	2,391	87,093	7,799	18,891	22,728	37,676
Building floorspace (square feet)										
1,001 to 5,000	2,777	716	465	310	1,286	8,041	1,917	1,430	935	3,759
5,001 to 10,000	1,229	225	308	236	459	8,900	1,596	2,249	1,738	3,316
10,001 to 25,000	884	110	248	173	352	14,105	1,747	3,943	2,766	5,648
25,001 to 50,000	332	30	89	76	137	11,917	1,105	3,123	2,679	5,011
50,001 to 100,000	199	13	36	58	92	13,918	849	2,489	4,077	6,503
100,001 to 200,000	90	Q	17	25	46	12,415	Q	2,432	3,496	6,225
200,001 to 500,000	38	Q	8	15	15	10,724	Q	2,150	4,007	4,360
Over 500,000	8	Q	1	3	3	7,074	Q	1,076	3,029	2,853
Principal building activity										
Education	389	28	42	73	246	12,239	428	1,810	3,532	6,469
Food sales	177	Q	Q	46	99	1,252	Q	Q	576	502
Food service	380	Q	41	85	233	1,819	Q	184	449	1,080
Health care	157	Q	Q	31	114	4,155	Q	Q	1,021	3,020
Inpatient	10	N	Q	2	7	2,374	N	Q	682	1,664
Outpatient	147	Q	Q	29	107	1,781	Q	Q	339	1,356
Lodging	158	Q	11	37	97	5,826	Q	377	1,764	3,559
Mercantile	602	42	129	154	278	11,330	209	1,480	4,324	5,317
Retail (other than mall)	438	42	110	87	198	5,439	209	888	1,518	2,824
Enclosed and strip malls	164	N	18	67	79	5,890	N	592	2,805	2,493
Office	1,012	Q	136	237	622	15,952	Q	1,305	5,750	8,828
Public assembly	352	57	56	69	170	5,559	324	981	1,589	2,665
Public order and safety	84	Q	32	16	26	1,440	Q	290	615	479
Religious worship	412	36	45	64	266	4,557	286	633	1,024	2,614
Service	619	183	293	38	104	4,630	857	2,446	514	813
Warehouse and storage	796	405	290	29	72	13,077	2,958	7,911	722	1,487
Other	125	Q	41	13	36	2,002	Q	654	605	562
Vacant	296	233	29	Q	28	3,256	2,130	600	Q	281
Year constructed										
Before 1920	362	87	100	77	98	3,983	896	1,161	1,110	816
1920 to 1945	488	121	99	84	184	6,025	810	1,402	1,752	2,061
1946 to 1959	599	122	141	93	243	7,381	702	1,748	2,287	2,644
1960 to 1969	639	100	136	106	297	10,362	728	2,711	2,731	4,193
1970 to 1979	684	121	148	109	306	10,846	815	2,400	2,665	4,966
1980 to 1989	915	185	203	130	397	15,230	1,220	3,285	3,805	6,921
1990 to 1999	845	182	157	128	378	13,803	1,401	2,445	4,184	5,774
2000 to 2003	375	55	78	63	179	7,215	276	1,494	1,742	3,703
2004 to 2007	347	54	60	61	172	6,524	453	1,220	1,403	3,448
2008 to 2012	303	68	51	46	137	5,723	498	1,026	1,050	3,150

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All buildings	5,557	1,096	1,173	897	2,391	87,093	7,799	18,891	22,728	37,676
Census region and division										
Northeast	805	213	196	156	240	15,534	1,585	3,558	5,081	5,311
New England	302	115	57	57	72	4,302	819	1,019	1,323	1,141
Middle Atlantic	504	99	139	99	168	11,232	765	2,539	3,758	4,170
Midwest	1,237	267	281	177	512	18,919	1,776	4,741	4,697	7,706
East North Central	735	134	174	112	314	12,742	1,067	3,289	3,408	4,977
West North Central	502	133	107	65	197	6,178	709	1,451	1,289	2,728
South	2,247	355	422	330	1,139	34,279	2,545	6,189	8,462	17,083
South Atlantic	1,091	156	198	171	567	17,981	887	3,237	4,695	9,162
East South Central	370	35	62	60	213	4,904	194	969	1,642	2,098
West South Central	786	164	163	99	359	11,394	1,464	1,982	2,126	5,823
West	1,267	260	273	234	500	18,360	1,894	4,403	4,487	7,576
Mountain	338	79	54	35	171	4,981	492	828	1,054	2,608
Pacific	929	181	220	199	329	13,379	1,402	3,576	3,434	4,968
Climate region¹										
Very cold/Cold	2,031	533	454	316	727	31,898	3,670	7,561	8,314	12,354
Mixed-humid	1,743	262	344	282	856	27,873	1,508	5,220	8,333	12,812
Mixed-dry/Hot-dry	837	155	Q	160	309	12,037	1,150	3,505	2,734	4,648
Hot-humid	799	100	144	105	450	12,831	1,208	2,191	2,562	6,871
Marine	147	Q	17	Q	49	2,454	263	415	785	990
Number of floors										
One	3,836	882	782	482	1,690	39,809	5,653	10,371	7,750	16,035
Two	1,158	164	275	227	492	20,206	1,194	5,511	4,834	8,666
Three	374	36	85	121	132	8,140	405	1,378	2,590	3,766
Four to nine	177	14	30	61	72	13,535	499	1,426	4,713	6,896
Ten or more	13	Q	Q	6	5	5,404	Q	Q	2,840	2,313
Number of workers (main shift)										
Fewer than 5	2,892	960	593	321	1,018	17,751	6,156	4,108	2,234	5,253
5 to 9	1,085	86	254	169	576	8,973	735	2,862	1,525	3,851
10 to 19	731	32	175	174	351	9,623	433	3,207	2,227	3,757
20 to 49	513	15	112	130	256	14,514	295	3,724	3,822	6,674
50 to 99	206	Q	26	64	114	13,476	Q	2,240	4,519	6,565
100 to 249	93	Q	12	27	54	10,941	Q	1,977	3,543	5,394
250 or more	37	N	2	12	23	11,815	N	775	4,858	6,182
Weekly operating hours										
Fewer than 40	1,149	459	158	103	429	8,220	3,137	1,284	972	2,827
40 to 48	1,346	178	364	223	582	15,828	1,316	4,369	4,097	6,046
49 to 60	1,244	160	351	189	544	20,529	1,233	5,952	4,373	8,972
61 to 84	764	95	162	176	332	15,867	697	3,508	4,967	6,695
85 to 167	479	60	70	103	245	9,395	530	1,874	2,759	4,231
Open continuously	575	144	68	104	259	17,253	886	1,903	5,560	8,904

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Energy sources (more than one may apply)										
Electricity	5,234	773	1,173	897	2,391	84,869	5,575	18,891	22,728	37,676
Natural gas	2,933	233	697	592	1,411	58,725	1,826	13,031	17,106	26,762
Fuel oil	467	106	110	82	169	20,200	891	3,199	7,075	9,035
District heat	48	Q	4	17	22	5,964	Q	340	2,717	2,845
District chilled water	54	N	Q	18	36	4,608	N	Q	1,953	2,569
Propane	510	90	164	75	181	7,706	645	2,747	1,669	2,646
Other	172	46	53	26	47	3,826	253	1,204	1,245	1,123
Cooling energy sources (more than one may apply)										
Electricity	4,413	N	1,172	885	2,355	76,034	N	18,815	21,607	35,612
Natural gas	12	N	Q	1	9	732	N	Q	166	415
District chilled water	54	N	Q	18	36	4,608	N	Q	1,953	2,569
Energy end uses (more than one may apply)										
Buildings with space heating	4,722	451	1,098	875	2,299	80,078	3,243	17,856	22,293	36,685
Buildings with cooling	4,461	N	1,173	897	2,391	79,294	N	18,891	22,728	37,676
Buildings with water heating	4,423	326	1,028	835	2,235	79,015	2,601	17,607	21,965	36,842
Buildings with cooking	1,589	92	267	344	886	38,546	859	4,886	13,152	19,650
Buildings with manufacturing	259	41	113	37	68	5,078	396	2,390	1,122	1,170
Buildings with electricity generation	410	25	81	96	208	25,642	292	3,441	9,057	12,852
Percent of floorspace heated										
Not heated	835	646	75	22	92	7,015	4,556	1,034	434	991
1 to 50	697	113	496	40	48	10,130	966	7,528	779	857
51 to 99	727	51	131	482	63	14,650	212	1,893	11,180	1,365
100	3,298	286	471	353	2,188	55,298	2,066	8,435	10,334	34,463
Percent lit when open										
Zero	70	63	Q	N	Q	322	246	Q	N	Q
1 to 50	1,099	196	451	135	316	12,628	1,688	5,274	1,921	3,746
51 to 99	1,666	111	294	517	744	34,814	1,039	6,153	14,102	13,519
100	2,222	283	405	235	1,298	35,726	1,750	7,217	6,558	20,202
Building never open/electricity not used	501	443	Q	Q	31	3,603	3,076	Q	Q	187
Cooling equipment (more than one may apply)										
Residential-type central air conditioners	1,546	N	403	312	831	14,765	N	5,109	3,376	6,280
Heat pumps	692	N	146	147	399	12,538	N	2,214	3,930	6,393
Individual air conditioners	709	N	326	123	260	12,420	N	4,303	3,662	4,455
District chilled water	54	N	Q	18	36	4,608	N	Q	1,953	2,569
Central chillers	163	N	8	58	97	17,041	N	918	7,090	9,033
Packaged air conditioning units	1,909	N	394	435	1,081	45,153	N	10,569	13,777	20,807
Swamp coolers	109	N	36	20	53	1,918	N	646	554	718
Other	Q	N	Q	Q	Q	328	N	Q	Q	Q

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HVAC conservation features (more than one may apply)										
Economizer cycle	601	N	92	170	339	30,749	N	3,816	11,589	15,344
Regular HVAC maintenance	3,178	155	649	677	1,696	69,244	1,406	13,943	20,197	33,699
Building automation system (BAS) ²	781	24	112	196	448	37,051	359	3,670	12,915	20,106
Equipment usage reduced when building not in full use (more than one may apply)										
Heating	3,699	295	880	709	1,814	63,167	2,081	14,182	18,109	28,795
Cooling	3,517	N	925	711	1,881	62,516	N	14,471	18,352	29,693
Lighting	4,757	561	1,108	853	2,234	78,594	4,083	17,923	21,167	35,421

¹These 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).

²In 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.