

Release date: February 2015

Revised date: May 2016

Table B21. Multibuilding campuses or complexes, number of buildings and floorspace, 2012

	Number of buildings (thousand)			Total floorspace (million square feet)		
	Buildings on campuses or complexes			Buildings on campuses or complexes		
	All buildings	All buildings	With central facilities plant	All buildings	All buildings	With central facilities plant
All buildings	5,557	1,874	137	87,093	34,818	7,888
Building floorspace (square feet)						
1,001 to 5,000	2,777	888	32	8,041	2,595	80
5,001 to 10,000	1,229	387	Q	8,900	2,824	Q
10,001 to 25,000	884	333	32	14,105	5,366	494
25,001 to 50,000	332	125	15	11,917	4,487	569
50,001 to 100,000	199	81	19	13,918	5,679	1,239
100,001 to 200,000	90	38	11	12,415	5,407	1,659
200,001 to 500,000	38	18	7	10,724	5,040	2,003
Over 500,000	8	4	2	7,074	3,419	1,709
Principal building activity						
Education	389	268	48	12,239	6,547	2,174
Food sales	177	Q	N	1,252	Q	N
Food service	380	65	Q	1,819	401	Q
Health care	157	48	5	4,155	2,464	1,229
Inpatient	10	6	2	2,374	1,846	1,016
Outpatient	147	42	3	1,781	619	213
Lodging	158	89	15	5,826	2,630	833
Mercantile	602	135	N	11,330	4,110	N
Retail (other than mall)	438	61	N	5,439	1,054	N
Enclosed and strip malls	164	74	N	5,890	3,056	N
Office	1,012	271	27	15,952	5,726	1,619
Public assembly	352	140	11	5,559	2,582	980
Public order and safety	84	19	Q	1,440	678	Q
Religious worship	412	120	Q	4,557	1,379	Q
Service	619	178	Q	4,630	1,609	Q
Warehouse and storage	796	402	Q	13,077	4,858	Q
Other	125	59	Q	2,002	691	Q
Vacant	296	68	Q	3,256	1,012	Q
Year constructed						
Before 1920	362	73	Q	3,983	1,500	Q
1920 to 1945	488	120	11	6,025	2,375	699
1946 to 1959	599	183	16	7,381	2,952	805
1960 to 1969	639	199	23	10,362	4,090	1,388
1970 to 1979	684	222	20	10,846	4,682	1,243
1980 to 1989	915	339	17	15,230	5,535	662
1990 to 1999	845	333	24	13,803	5,847	1,150
2000 to 2003	375	143	8	7,215	2,967	Q
2004 to 2007	347	142	7	6,524	2,609	534
2008 to 2012	303	119	6	5,723	2,262	312

Table B21. Multibuilding campuses or complexes, number of buildings and floorspace, 2012

	Number of buildings (thousand)			Total floorspace (million square feet)		
	Buildings on campuses or complexes			Buildings on campuses or complexes		
	All buildings	All buildings	With central facilities plant	All buildings	All buildings	With central facilities plant
All buildings	5,557	1,874	137	87,093	34,818	7,888
Census region						
Northeast	805	255	24	15,534	6,505	1,817
Midwest	1,237	316	14	18,919	6,297	1,065
South	2,247	762	61	34,279	14,076	3,403
West	1,267	541	39	18,360	7,941	1,602
Number of workers (main shift)						
Fewer than 5	2,892	961	48	17,751	6,917	701
5 to 9	1,085	348	12	8,973	2,940	192
10 to 19	731	230	11	9,623	2,900	279
20 to 49	513	193	29	14,514	5,504	1,079
50 to 99	206	82	19	13,476	5,308	1,265
100 to 249	93	43	12	10,941	5,258	1,581
250 or more	37	18	6	11,815	5,991	2,790
Weekly operating hours						
Fewer than 40	1,149	341	Q	8,220	2,664	Q
40 to 48	1,346	451	35	15,828	5,800	660
49 to 60	1,244	393	30	20,529	7,538	1,403
61 to 84	764	281	18	15,867	6,359	1,004
85 to 167	479	137	19	9,395	3,547	1,099
Open continuously	575	271	28	17,253	8,910	3,483
Ownership and occupancy						
Nongovernment owned	4,781	1,426	57	67,550	24,504	3,989
Owner occupied	2,466	737	49	30,637	11,136	2,823
Leased to tenant(s)	1,745	568	4	26,115	9,979	593
Owner occupied and leased	349	76	2	8,873	2,857	532
Unoccupied	221	45	Q	1,925	532	Q
Government owned	776	448	79	19,543	10,314	3,898
Federal	33	13	2	1,573	887	473
State	185	141	42	5,539	4,071	2,388
Local	558	294	35	12,431	5,356	1,038
Party responsible for operation and maintenance of energy systems						
Building owner	4,715	1,638	135	73,702	29,356	7,697
Business owner or tenant	724	199	Q	11,309	4,713	Q
Property management	54	23	Q	1,250	559	Q
Other	64	Q	Q	832	Q	Q
Provider of direct input on energy-related equipment purchases						
Building owner	4,876	1,706	135	76,271	30,384	7,698
Business owner or tenant	540	134	Q	8,256	3,441	Q
Property management	35	8	N	880	357	N
Other	106	25	Q	1,686	636	Q

Table B21. Multibuilding campuses or complexes, number of buildings and floorspace, 2012

	Number of buildings (thousand)			Total floorspace (million square feet)		
	Buildings on campuses or complexes			Buildings on campuses or complexes		
	All buildings	All buildings	With central facilities plant	All buildings	All buildings	With central facilities plant
All buildings	5,557	1,874	137	87,093	34,818	7,888
Campus or complex activity						
Not part of a campus or complex	3,683	N	N	52,275	N	N
Primary or secondary school	237	237	33	4,616	4,616	744
College or university	84	84	58	4,068	4,068	3,282
Office complex	154	154	5	3,456	3,456	551
Retail complex	258	258	N	5,159	5,159	N
Storage complex	314	314	Q	3,212	3,212	Q
Religious campus or complex	197	197	Q	1,932	1,932	Q
Health care complex	52	52	13	3,362	3,362	1,624
Lodging or resort complex	65	65	Q	1,295	1,295	Q
Transportation complex	35	35	Q	554	554	Q
Government complex	104	104	11	2,107	2,107	681
Other	371	371	9	5,057	5,057	456
Central plant that produces (more than one may apply)						
District hot water	55	55	55	3,701	3,701	3,701
District steam	48	48	48	4,582	4,582	4,582
District chilled water	100	100	100	6,361	6,361	6,361
Electricity	37	37	37	1,949	1,949	1,949
Energy sources (more than one may apply)						
Electricity	5,234	1,736	134	84,869	33,957	7,845
Natural gas	2,933	841	64	58,725	22,179	4,721
Fuel oil	467	154	22	20,200	9,186	3,689
District heat	48	40	39	5,964	4,987	4,547
District chilled water	54	53	53	4,608	4,348	4,224
Propane	510	157	6	7,706	2,453	496
Other	172	46	2	3,826	1,416	416
Energy end uses (more than one may apply)						
Buildings with space heating	4,722	1,450	126	80,078	31,299	7,689
Buildings with cooling	4,461	1,350	123	79,294	30,980	7,713
Buildings with water heating	4,423	1,339	124	79,015	31,074	7,628
Buildings with cooking	1,589	452	26	38,546	15,457	3,580
Buildings with manufacturing	259	57	Q	5,078	1,236	Q
Buildings with electricity generation	410	140	29	25,642	11,238	4,459

Table B21. Multibuilding campuses or complexes, number of buildings and floorspace, 2012

	Number of buildings (thousand)			Total floorspace (million square feet)		
	Buildings on campuses or complexes			Buildings on campuses or complexes		
	All buildings	All buildings	With central facilities plant	All buildings	All buildings	With central facilities plant
All buildings	5,557	1,874	137	87,093	34,818	7,888
Heating equipment (more than one may apply)						
Heat pumps	628	240	21	11,846	5,105	975
Furnaces	755	209	7	8,654	3,005	330
Individual space heaters	1,247	375	16	20,766	8,190	1,306
District heat	48	40	39	5,925	4,965	4,535
Boilers	544	187	29	22,443	9,043	2,317
Packaged heating units	2,802	802	47	49,188	17,187	2,055
Other	62	14	Q	1,574	746	Q
Cooling equipment (more than one may apply)						
Residential-type central air conditioners	1,546	389	13	14,765	4,416	440
Heat pumps	692	268	19	12,538	5,545	865
Individual air conditioners	709	218	13	12,420	4,915	1,140
District chilled water	54	53	53	4,608	4,348	4,224
Central chillers	163	67	18	17,041	7,453	2,455
Packaged air conditioning units	1,909	585	37	45,153	16,738	2,634
Swamp coolers	109	30	Q	1,918	730	Q
Other	Q	Q	Q	328	Q	Q
Main equipment replaced since 1990 (more than one may apply)						
Heating	1,874	544	32	27,558	10,069	1,131
Cooling	1,971	569	32	30,702	11,384	1,895

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.