

Table B23. Energy sources, floorspace, 2012

	Total floorspace (million square feet)									
	Energy sources used (more than one may apply)									
	All buildings	Buildings using any energy source	Electricity	Natural gas	Fuel oil	District heat	District chilled water	Propane	Other ¹	
All buildings	87,093	84,893	84,869	58,725	20,200	5,964	4,608	7,706	3,826	
Building floorspace (square feet)										
1,001 to 5,000	8,041	7,501	7,492	3,757	604	Q	Q	762	193	
5,001 to 10,000	8,900	8,505	8,489	4,817	559	Q	Q	959	303	
10,001 to 25,000	14,105	13,565	13,565	8,823	1,123	Q	145	1,124	486	
25,001 to 50,000	11,917	11,672	11,672	8,148	1,490	213	Q	920	520	
50,001 to 100,000	13,918	13,604	13,604	9,935	2,822	704	567	1,042	566	
100,001 to 200,000	12,415	12,362	12,362	9,416	2,858	1,313	1,273	1,061	564	
200,001 to 500,000	10,724	10,652	10,652	8,293	5,370	1,565	1,064	959	809	
Over 500,000	7,074	7,033	7,033	5,535	5,374	2,001	1,306	879	384	
Principal building activity										
Education	12,239	12,239	12,239	9,520	2,185	1,155	1,292	877	806	
Food sales	1,252	1,252	1,252	846	Q	N	N	Q	Q	
Food service	1,819	1,819	1,819	1,394	Q	Q	Q	237	Q	
Health care	4,155	4,155	4,155	3,292	2,776	684	523	315	106	
Inpatient	2,374	2,374	2,374	2,113	2,257	576	477	225	Q	
Outpatient	1,781	1,781	1,781	1,179	520	Q	Q	Q	Q	
Lodging	5,826	5,826	5,826	4,918	2,051	630	Q	883	Q	
Mercantile	11,330	11,330	11,320	8,493	1,119	Q	N	839	482	
Retail (other than mall)	5,439	5,439	5,430	3,371	454	Q	N	575	Q	
Enclosed and strip malls	5,890	5,890	5,890	5,123	665	Q	N	264	Q	
Office	15,952	15,952	15,952	10,290	5,328	1,794	1,096	358	757	
Public assembly	5,559	5,559	5,559	3,888	1,663	888	880	858	288	
Public order and safety	1,440	1,440	1,440	1,007	908	Q	Q	Q	Q	
Religious worship	4,557	4,557	4,557	3,016	391	N	Q	487	Q	
Service	4,630	4,512	4,512	2,790	733	Q	N	555	383	
Warehouse and storage	13,077	12,584	12,568	7,007	1,773	Q	N	1,516	549	
Other	2,002	1,972	1,972	1,378	738	Q	Q	393	Q	
Vacant	3,256	1,699	1,699	886	Q	Q	Q	Q	Q	
Year constructed										
Before 1920	3,983	3,800	3,800	2,320	1,099	540	Q	265	Q	
1920 to 1945	6,025	5,882	5,866	3,792	1,447	888	Q	321	291	
1946 to 1959	7,381	7,208	7,208	5,393	1,530	446	203	525	415	
1960 to 1969	10,362	10,198	10,198	7,553	2,407	1,002	923	921	490	
1970 to 1979	10,846	10,556	10,556	7,979	2,614	930	811	880	499	
1980 to 1989	15,230	14,791	14,791	9,887	3,806	449	310	1,214	591	
1990 to 1999	13,803	13,123	13,118	9,162	3,201	642	664	1,339	572	
2000 to 2003	7,215	7,193	7,193	4,723	1,467	Q	Q	903	349	
2004 to 2007	6,524	6,485	6,485	4,096	1,497	Q	418	780	Q	
2008 to 2012	5,723	5,658	5,653	3,821	1,133	Q	Q	559	Q	

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All buildings	87,093	84,893	84,869	58,725	20,200	5,964	4,608	7,706	3,826
Census region and division									
Northeast	15,534	15,300	15,291	11,068	6,079	1,981	794	1,746	1,087
New England	4,302	4,197	4,192	2,241	1,866	Q	Q	861	397
Middle Atlantic	11,232	11,104	11,099	8,827	4,213	1,628	656	885	691
Midwest	18,919	18,575	18,560	15,025	3,935	906	585	1,909	798
East North Central	12,742	12,544	12,544	10,790	2,619	574	420	829	532
West North Central	6,178	6,032	6,016	4,236	1,316	332	Q	1,080	267
South	34,279	33,026	33,026	19,900	7,051	2,191	2,479	2,567	907
South Atlantic	17,981	17,608	17,608	9,984	4,419	1,159	1,202	1,476	554
East South Central	4,904	4,824	4,824	3,436	797	Q	Q	470	Q
West South Central	11,394	10,594	10,594	6,480	1,835	646	773	621	Q
West	18,360	17,992	17,992	12,732	3,135	886	749	1,484	1,034
Mountain	4,981	4,812	4,812	3,766	1,092	482	Q	503	403
Pacific	13,379	13,180	13,180	8,966	2,043	404	329	982	631
Climate region²									
Very cold/Cold	31,898	31,311	31,286	24,511	8,008	1,926	1,227	3,594	2,011
Mixed-humid	27,873	27,422	27,422	19,361	7,287	3,012	2,027	2,183	1,017
Mixed-dry/Hot-dry	12,037	11,743	11,743	7,520	1,605	Q	Q	842	496
Hot-humid	12,831	12,002	12,002	5,300	2,597	374	752	998	Q
Marine	2,454	2,416	2,416	2,033	703	Q	Q	Q	Q
Number of workers (main shift)									
Fewer than 5	17,751	15,555	15,530	7,858	1,489	Q	Q	1,689	543
5 to 9	8,973	8,970	8,970	5,355	717	Q	Q	902	359
10 to 19	9,623	9,623	9,623	6,799	765	Q	Q	932	365
20 to 49	14,514	14,514	14,514	10,613	1,824	623	505	1,246	416
50 to 99	13,476	13,476	13,476	10,320	3,137	669	683	1,052	656
100 to 249	10,941	10,941	10,941	8,880	4,040	1,096	982	958	870
250 or more	11,815	11,815	11,815	8,900	8,229	3,082	1,986	927	618
Weekly operating hours									
Fewer than 40	8,220	6,553	6,548	3,705	538	Q	Q	691	Q
40 to 48	15,828	15,737	15,737	9,960	2,668	403	521	936	338
49 to 60	20,529	20,445	20,425	14,006	3,910	1,099	805	1,680	1,300
61 to 84	15,867	15,800	15,800	11,494	3,104	844	524	1,261	880
85 to 167	9,395	9,364	9,364	6,734	1,868	631	606	1,296	552
Open continuously	17,253	16,994	16,994	12,827	8,113	2,815	2,005	1,842	661

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All buildings	87,093	84,893	84,869	58,725	20,200	5,964	4,608	7,706	3,826
Ownership and occupancy									
Nongovernment owned	67,550	65,645	65,620	44,481	14,057	3,135	2,104	5,896	2,663
Owner occupied	30,637	30,345	30,321	20,542	6,308	1,842	1,478	3,569	1,431
Leased to tenant(s)	26,115	25,809	25,809	17,361	4,749	730	297	1,567	789
Owner occupied and leased	8,873	8,820	8,820	6,254	2,928	557	329	743	427
Unoccupied	1,925	670	670	325	Q	Q	N	Q	Q
Government owned	19,543	19,248	19,248	14,244	6,143	2,829	2,504	1,810	1,163
Federal	1,573	1,573	1,573	868	1,083	708	Q	Q	Q
State	5,539	5,522	5,522	3,939	1,400	1,538	1,448	394	Q
Local	12,431	12,153	12,153	9,438	3,660	584	612	1,332	616
Energy sources (more than one may apply)									
Electricity	84,869	84,869	84,869	58,725	20,200	5,964	4,608	7,686	3,801
Natural gas	58,725	58,725	58,725	58,725	13,663	2,860	2,431	3,396	2,637
Fuel oil	20,200	20,200	20,200	13,663	20,200	3,110	2,134	3,080	1,133
District heat	5,964	5,964	5,964	2,860	3,110	5,964	3,730	Q	335
District chilled water	4,608	4,608	4,608	2,431	2,134	3,730	4,608	Q	Q
Propane	7,706	7,706	7,686	3,396	3,080	Q	Q	7,706	488
Other	3,826	3,826	3,801	2,637	1,133	335	Q	488	3,826
Energy end uses (more than one may apply)									
Buildings with space heating	80,078	80,078	80,053	58,129	19,670	5,962	4,561	7,332	3,826
Buildings with cooling	79,294	79,294	79,294	56,899	19,309	5,903	4,608	7,061	3,573
Buildings with water heating	79,015	79,015	79,015	57,019	19,708	5,822	4,511	7,383	3,679
Buildings with cooking	38,546	38,546	38,546	31,026	12,694	3,154	2,084	4,209	2,076
Buildings with manufacturing	5,078	5,078	5,078	3,740	863	Q	Q	809	Q
Buildings with electricity generation	25,642	25,642	25,642	20,271	17,073	3,749	2,731	3,380	2,881
Food preparation or serving areas in non-food service buildings (more than one may apply)									
Snack bar or concession stand	9,884	9,884	9,884	7,867	4,868	1,613	996	1,625	552
Fast food or small restaurant	9,787	9,787	9,787	8,345	3,624	1,195	828	1,039	418
Cafeteria or large restaurant	15,222	15,222	15,222	13,043	7,093	1,828	1,309	1,633	1,045
Commercial kitchen/food preparation area	16,150	16,150	16,150	14,082	6,678	1,562	1,119	1,852	788
Small kitchen area	14,054	14,054	14,054	10,883	4,666	1,138	761	2,062	844

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¹*Other* includes wood, coal, solar, and all other energy sources.

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).

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.