

Release date: February 2015

Revised date: May 2016

Table B12. Selected principal building activity: part 1, floorspace, 2012

	Total floorspace (million square feet)							
	Principal building activity							
	All buildings	Office	Warehouse and storage	Service	Mercantile	Religious worship	Education	Public assembly
All buildings	87,093	15,952	13,077	4,630	11,330	4,557	12,239	5,559
Building floorspace (square feet)								
1,001 to 5,000	8,041	1,520	1,127	1,031	730	572	391	498
5,001 to 10,000	8,900	1,663	1,329	1,051	1,052	790	353	536
10,001 to 25,000	14,105	2,012	2,331	1,253	1,821	1,443	1,212	1,108
25,001 to 50,000	11,917	2,333	1,814	607	1,648	926	1,492	861
50,001 to 100,000	13,918	2,203	1,632	Q	1,909	585	3,363	627
100,001 to 200,000	12,415	2,054	1,946	Q	2,178	Q	3,020	553
200,001 to 500,000	10,724	1,946	1,827	Q	1,264	Q	2,358	748
Over 500,000	7,074	2,221	1,071	Q	726	N	Q	627
Year constructed								
Before 1920	3,983	1,014	680	Q	339	319	260	380
1920 to 1945	6,025	1,491	473	489	300	385	1,122	640
1946 to 1959	7,381	1,254	740	330	657	612	1,447	521
1960 to 1969	10,362	1,427	1,386	520	1,029	704	2,180	866
1970 to 1979	10,846	2,125	1,467	629	1,573	378	1,178	586
1980 to 1989	15,230	3,969	2,294	877	2,275	547	1,268	599
1990 to 1999	13,803	2,108	2,204	775	2,085	651	1,655	890
2000 to 2003	7,215	1,040	1,316	263	1,085	477	1,427	360
2004 to 2007	6,524	874	1,437	321	1,083	Q	900	359
2008 to 2012	5,723	649	1,081	245	902	Q	802	360
Census region and division								
Northeast	15,534	3,703	1,761	823	1,653	897	2,056	953
New England	4,302	738	521	255	463	Q	642	350
Middle Atlantic	11,232	2,965	1,240	568	1,190	613	1,414	603
Midwest	18,919	3,334	2,530	1,472	2,132	925	3,173	1,585
East North Central	12,742	2,430	1,570	847	1,488	547	2,205	1,196
West North Central	6,178	904	960	625	644	378	968	390
South	34,279	5,501	5,257	1,642	4,729	2,011	5,162	2,003
South Atlantic	17,981	3,183	2,832	741	2,746	857	2,840	904
East South Central	4,904	694	Q	318	736	614	469	330
West South Central	11,394	1,625	1,919	583	1,247	540	1,853	769
West	18,360	3,414	3,529	694	2,815	725	1,848	1,018
Mountain	4,981	852	591	Q	727	214	783	321
Pacific	13,379	2,562	2,938	578	2,088	511	1,065	697
Climate region¹								
Very cold/Cold	31,898	6,033	4,121	1,957	3,920	1,623	4,739	2,351
Mixed-humid	27,873	5,496	3,740	1,503	3,444	1,698	4,426	1,479
Mixed-dry/Hot-dry	12,037	1,873	2,932	582	1,652	461	1,075	834
Hot-humid	12,831	1,776	2,066	512	1,979	674	1,878	622
Marine	2,454	774	Q	Q	335	Q	Q	Q

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All buildings	87,093	15,952	13,077	4,630	11,330	4,557	12,239	5,559
Number of floors								
One	39,809	3,644	9,153	2,996	8,616	1,916	4,419	2,097
Two	20,206	3,577	2,925	1,157	1,986	2,030	3,765	1,209
Three	8,140	1,877	683	236	349	426	1,967	594
Four to nine	13,535	3,949	Q	Q	Q	Q	1,987	1,605
Ten or more	5,404	2,904	N	Q	Q	N	Q	Q
Elevators and escalators (more than one may apply)								
Any elevators	32,120	9,940	1,841	Q	947	796	6,057	2,513
Number of elevators								
One	11,158	2,722	1,029	Q	358	480	3,694	657
Two to five	12,817	4,116	813	Q	Q	Q	2,309	1,036
Six or more	8,145	3,101	N	Q	Q	Q	Q	820
Any escalators	3,654	1,387	N	Q	476	Q	N	668
Number of workers (main shift)								
Fewer than 5	17,751	1,003	4,003	1,671	1,236	2,397	504	1,695
5 to 9	8,973	1,206	1,496	780	1,291	751	544	941
10 to 19	9,623	1,276	2,201	794	1,232	595	774	540
20 to 49	14,514	2,134	2,028	778	2,590	560	3,156	635
50 to 99	13,476	2,556	1,330	Q	2,333	Q	3,829	537
100 to 249	10,941	2,059	1,473	Q	1,789	Q	2,899	596
250 or more	11,815	5,718	547	Q	859	N	533	614
Weekly operating hours								
Fewer than 40	8,220	227	800	288	228	2,208	855	690
40 to 48	15,828	4,530	3,221	1,109	710	651	3,420	666
49 to 60	20,529	5,981	3,798	1,612	1,968	705	3,867	811
61 to 84	15,867	2,198	1,541	1,001	5,272	556	2,303	1,380
85 to 167	9,395	788	1,867	254	2,047	Q	1,454	1,206
Open continuously	17,253	2,228	1,850	Q	1,105	Q	340	806
Ownership and occupancy								
Nongovernment owned	67,550	12,815	12,316	3,800	11,298	4,542	3,084	3,178
Owner occupied	30,637	3,169	5,098	1,803	3,189	4,097	2,471	2,049
Leased to tenant(s)	26,115	7,118	5,989	1,629	6,566	224	327	508
Owner occupied and leased	8,873	2,528	1,229	368	1,543	Q	Q	620
Unoccupied	1,925	N	N	N	N	N	N	N
Government owned	19,543	3,136	761	830	Q	Q	9,154	2,381
Federal	1,573	600	Q	Q	Q	N	Q	Q
State	5,539	1,203	Q	Q	Q	N	2,408	514
Local	12,431	1,333	Q	375	Q	Q	6,689	1,736

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All buildings	87,093	15,952	13,077	4,630	11,330	4,557	12,239	5,559
Party responsible for operation and maintenance of energy systems								
Building owner	73,702	14,126	9,847	3,593	7,195	4,471	11,988	5,009
Business owner or tenant	11,309	1,261	2,924	905	4,011	Q	Q	372
Property management	1,250	474	Q	Q	Q	N	Q	Q
Other	832	Q	Q	Q	Q	Q	Q	Q
Provider of direct input on energy-related equipment purchases								
Building owner	76,271	14,481	10,526	3,801	8,046	4,479	12,011	5,078
Business owner or tenant	8,256	921	2,071	695	2,808	Q	Q	Q
Property management	880	294	Q	Q	Q	N	Q	Q
Other	1,686	255	Q	Q	368	Q	Q	Q
Number of establishments								
One	54,994	7,318	9,157	3,396	3,827	3,864	11,241	3,850
2 to 5	17,756	3,988	3,128	957	2,483	694	998	1,307
6 to 10	4,425	1,693	325	Q	1,613	N	N	Q
11 to 20	3,704	1,234	Q	Q	1,775	N	N	Q
More than 20	3,821	1,719	Q	N	1,632	N	N	Q
Currently unoccupied	2,393	N	N	N	N	N	N	N
Campus or complex activity								
Not part of a campus or complex	52,275	10,225	8,220	3,021	7,219	3,178	5,692	2,977
Primary or secondary school	4,616	Q	Q	Q	N	Q	4,060	241
College or university	4,068	521	Q	Q	N	N	1,879	696
Office complex	3,456	2,904	Q	Q	Q	N	Q	Q
Retail complex	5,159	Q	Q	273	3,909	N	N	Q
Storage complex	3,212	Q	2,774	Q	Q	N	N	N
Religious campus or complex	1,932	Q	N	N	Q	1,371	244	Q
Health care complex	3,362	Q	Q	N	N	N	Q	Q
Lodging or resort complex	1,295	Q	Q	Q	Q	N	Q	Q
Transportation complex	554	Q	Q	Q	N	N	N	240
Government complex	2,107	967	Q	Q	N	N	Q	Q
Other	5,057	577	1,568	754	Q	N	232	668
Predominant exterior wall material								
Brick, stone, or stucco	40,463	7,746	2,526	1,300	4,385	3,066	8,615	2,397
Concrete (block or poured)	20,726	2,887	3,576	1,454	4,661	475	2,267	1,221
Concrete panels	8,693	2,306	2,786	Q	606	Q	437	302
Siding or shingles	5,750	977	652	276	550	527	374	759
Metal panels	8,673	738	3,086	1,389	977	292	439	617
Window glass	1,340	884	Q	N	Q	Q	Q	Q
Other	856	240	Q	Q	Q	Q	Q	Q
No one major type	592	Q	Q	Q	Q	Q	Q	Q

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All buildings	87,093	15,952	13,077	4,630	11,330	4,557	12,239	5,559
Predominant roof material								
Metal surfacing	15,916	1,662	4,177	2,019	1,973	809	1,512	1,292
Synthetic or rubber	25,817	5,633	3,234	1,192	3,696	475	3,980	1,747
Built-up	21,835	4,721	3,020	478	3,196	445	4,427	965
Slate or tile shingles	4,306	667	Q	Q	143	800	848	Q
Wooden materials (including shingles)	1,139	178	Q	Q	Q	Q	Q	Q
Asphalt, fiberglass, or other shingles	15,104	2,608	1,626	522	1,660	1,923	1,166	788
Concrete	1,642	385	Q	Q	Q	N	Q	Q
Other	678	Q	Q	Q	Q	Q	Q	Q
No one major type	657	Q	Q	Q	Q	Q	Q	Q
Roof characteristics								
Roof tilt								
Flat	49,623	11,075	6,462	2,044	6,860	780	8,079	2,388
Shallow pitch	23,853	2,845	5,720	1,847	3,591	763	2,944	2,082
Steeper pitch	13,617	2,031	896	739	879	3,015	1,215	1,088
Cool roof	19,630	3,914	2,889	820	3,023	582	3,350	1,013
Renovations in buildings constructed before 2008 (more than one may apply)								
Any type of renovation	42,216	9,372	4,758	1,580	4,837	2,413	6,293	3,044
Addition or annex	13,022	1,613	1,267	485	1,075	931	3,335	775
Reduction in floorspace	1,753	599	Q	Q	Q	Q	Q	Q
Roof replacement	20,917	4,716	1,836	814	2,133	1,542	3,714	1,472
Exterior wall replacement	4,230	767	512	Q	494	Q	855	Q
Interior wall reconfiguration	21,340	6,558	2,021	647	2,310	699	2,643	1,636
Window replacement	12,265	2,882	938	499	972	764	2,418	1,133
HVAC equipment upgrade	26,779	6,326	2,307	975	3,201	1,359	4,485	1,919
Lighting upgrade	25,503	6,019	2,448	820	3,025	982	4,268	2,047
Electrical upgrade	16,160	3,743	1,527	441	1,909	773	2,588	1,255
Plumbing system upgrade	13,828	3,544	1,089	347	1,303	625	2,139	1,098
Insulation upgrade	7,607	1,662	750	373	639	439	1,243	642
Fire, safety, or security upgrade	17,196	4,610	1,460	390	1,325	748	3,183	1,169
Structural upgrade	3,913	735	Q	Q	Q	Q	574	400
Other	848	Q	Q	N	Q	Q	Q	Q
No renovations	39,154	5,931	7,238	2,805	5,590	1,948	5,143	2,155
Buildings constructed 2008 or later	5,723	649	1,081	245	902	Q	802	360

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All buildings	87,093	15,952	13,077	4,630	11,330	4,557	12,239	5,559
Energy sources (more than one may apply)								
Electricity	84,869	15,952	12,568	4,512	11,320	4,557	12,239	5,559
Natural gas	58,725	10,290	7,007	2,790	8,493	3,016	9,520	3,888
Fuel oil	20,200	5,328	1,773	733	1,119	391	2,185	1,663
District heat	5,964	1,794	Q	Q	Q	N	1,155	888
District chilled water	4,608	1,096	N	N	N	Q	1,292	880
Propane	7,706	358	1,516	555	839	487	877	858
Other	3,826	757	549	383	482	Q	806	288
Space-heating energy sources (more than one may apply)								
Electricity	49,030	10,281	6,476	2,193	8,132	2,656	6,254	2,645
Natural gas	49,511	8,555	6,499	2,758	7,435	2,671	7,967	3,337
Fuel oil	4,351	560	Q	393	306	Q	1,074	Q
District heat	5,925	1,794	Q	Q	Q	N	1,155	888
Propane	3,067	209	293	432	386	366	307	306
Other	1,010	Q	Q	370	Q	Q	Q	Q
Primary space-heating energy source								
Electricity	26,205	6,053	3,556	981	3,901	1,472	2,972	1,184
Natural gas	42,988	7,445	5,855	2,247	6,337	2,482	7,188	2,820
Fuel oil	2,542	296	Q	254	Q	Q	649	Q
District heat	5,797	1,772	Q	Q	Q	N	1,096	883
Propane	1,948	166	Q	253	Q	313	Q	270
Other	598	Q	Q	249	Q	Q	Q	Q
Cooling energy sources (more than one may apply)								
Electricity	76,034	15,179	10,059	3,758	11,121	4,271	10,673	4,629
Natural gas	732	Q	Q	N	Q	N	Q	N
District chilled water	4,608	1,096	N	N	N	Q	1,292	880
Water-heating energy sources (more than one may apply)								
Electricity	42,755	9,572	7,195	2,303	8,922	2,481	4,160	2,094
Natural gas	39,523	6,015	3,545	1,416	5,490	1,962	7,712	2,813
Fuel oil	1,911	Q	Q	Q	Q	Q	638	Q
District heat	4,551	1,368	N	Q	Q	N	842	742
Propane	1,575	Q	Q	Q	Q	Q	Q	Q
Cooking energy sources (more than one may apply)								
Electricity	25,151	3,637	669	447	4,107	1,966	5,876	1,980
Natural gas	24,770	2,799	Q	Q	4,886	1,799	5,686	1,484
Propane	2,001	Q	Q	Q	Q	Q	420	241

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All buildings	87,093	15,952	13,077	4,630	11,330	4,557	12,239	5,559
Energy end uses (more than one may apply)								
Buildings with space heating	80,078	15,753	9,987	4,157	10,794	4,511	12,099	5,323
Buildings with cooling	79,294	15,882	10,120	3,773	11,121	4,271	11,811	5,235
Buildings with water heating	79,015	15,663	10,041	3,763	10,960	4,337	11,905	5,318
Buildings with cooking	38,546	5,230	922	517	6,396	3,394	8,479	2,751
Buildings with manufacturing	5,078	684	1,996	465	529	Q	Q	Q
Buildings with electricity generation	25,642	6,027	2,326	422	2,281	Q	4,126	1,878
Percent of floorspace heated								
Not heated	7,015	198	3,091	474	536	Q	Q	236
1 to 50	10,130	758	4,737	767	914	496	Q	544
51 to 99	14,650	3,558	843	747	3,302	710	1,699	996
100	55,298	11,437	4,407	2,643	6,577	3,305	10,178	3,783
Percent of floorspace cooled								
Not cooled	7,799	Q	2,958	857	209	286	428	324
1 to 50	18,891	1,305	7,911	2,446	1,480	633	1,810	981
51 to 99	22,728	5,750	722	514	4,324	1,024	3,532	1,589
100	37,676	8,828	1,487	813	5,317	2,614	6,469	2,665
Percent lit when open								
Zero	322	N	223	Q	N	N	N	Q
1 to 50	12,628	1,732	3,750	813	695	1,665	530	728
51 to 99	34,814	6,723	3,431	1,240	6,509	1,654	5,777	2,699
100	35,726	7,497	4,881	2,304	4,116	1,236	5,932	2,093
Building never open/electricity not used	3,603	N	793	Q	Q	Q	N	Q
Percent lit during off hours								
Zero	24,746	4,290	5,462	2,074	1,415	2,515	3,764	2,114
1 to 50	50,753	10,621	6,116	2,157	8,677	2,034	8,106	2,704
51 to 100	6,926	827	519	Q	603	Q	354	644
Building always open with no "off hours"	2,443	Q	Q	Q	Q	N	Q	Q
Electricity not used	2,225	N	509	Q	Q	N	N	N
Heating equipment (more than one may apply)								
Heat pumps	11,846	2,667	1,138	356	1,419	581	2,209	727
Furnaces	8,654	1,691	1,294	497	1,423	927	564	582
Individual space heaters	20,766	3,727	3,480	1,919	2,568	859	1,750	1,560
District heat	5,925	1,794	Q	Q	Q	N	1,155	888
Boilers	22,443	4,650	841	433	1,138	1,359	6,637	1,621
Packaged heating units	49,188	8,407	7,297	2,498	9,434	2,801	6,107	3,016
Other	1,574	Q	Q	Q	872	Q	Q	Q

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All buildings	87,093	15,952	13,077	4,630	11,330	4,557	12,239	5,559
Cooling equipment (more than one may apply)								
Residential-type central air conditioners	14,765	2,270	2,567	1,143	2,510	1,632	912	948
Heat pumps	12,538	2,913	1,216	414	1,716	714	2,304	661
Individual air conditioners	12,420	2,184	1,566	701	763	712	2,074	628
District chilled water	4,608	1,096	N	N	N	Q	1,292	880
Central chillers	17,041	5,050	465	Q	419	Q	4,127	1,038
Packaged air conditioning units	45,153	7,993	6,472	1,854	9,094	2,229	5,934	2,672
Swamp coolers	1,918	Q	Q	Q	415	Q	Q	Q
Other	328	Q	Q	Q	N	Q	Q	Q
Main equipment replaced since 1990 (more than one may apply)								
Heating	27,558	5,774	3,135	1,499	4,000	1,518	4,341	1,609
Cooling	30,702	6,682	3,284	1,433	4,343	1,627	4,677	1,748
Water-heating equipment								
Centralized system	47,534	8,724	5,204	2,695	4,705	2,850	7,580	3,389
Distributed system	12,688	2,934	3,449	669	1,492	711	1,269	514
Combination of centralized and distributed system	18,793	4,006	1,388	Q	4,763	776	3,057	1,415
Lighting equipment types (more than one may apply)								
Incandescent	38,406	7,541	3,094	1,026	6,646	3,015	5,004	3,035
Standard fluorescent	80,081	15,547	11,280	4,142	10,714	4,293	12,180	5,208
Compact fluorescent	53,816	11,438	4,040	1,569	8,053	3,187	8,559	4,125
High-intensity discharge (HID)	23,396	3,858	2,934	980	3,959	839	4,376	1,922
Halogen	28,059	5,598	2,438	1,024	5,925	1,540	3,069	2,172
LED	22,071	5,034	998	Q	5,118	902	2,135	1,955
Other	446	Q	N	N	Q	N	Q	Q
Refrigeration equipment (more than one may apply)								
Any refrigeration	73,645	13,979	8,584	3,626	10,328	4,243	11,319	4,956
Walk-in units	28,361	3,419	848	Q	6,088	Q	7,060	1,545
Cases or cabinets	28,719	3,969	1,027	Q	6,876	837	5,760	1,758
Large cold storage areas	4,171	Q	883	N	1,200	Q	Q	Q
Commercial ice makers	32,734	5,458	1,695	Q	5,554	1,064	6,152	2,189
Residential-type or compact units	62,381	12,888	7,545	3,145	8,831	3,789	8,956	4,309
Vending machines	43,936	8,853	4,998	1,710	7,074	449	7,666	2,714
No refrigeration	13,448	1,973	4,493	1,005	1,002	314	920	603

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All buildings	87,093	15,952	13,077	4,630	11,330	4,557	12,239	5,559
Office equipment (more than one may apply)								
Desktop computers	77,063	15,652	10,176	3,812	10,959	3,531	12,078	4,978
With flat screen monitors	76,160	15,617	10,042	3,750	10,841	3,366	12,060	4,847
With multiple monitors	30,946	10,183	3,981	749	4,226	900	3,608	1,787
Laptop computers	63,486	14,372	7,930	2,437	8,418	2,790	11,055	4,035
Dedicated servers	53,369	13,118	6,637	1,794	8,029	1,476	8,774	2,986
Laser printers	54,256	12,832	7,291	2,352	7,249	1,583	8,664	3,167
Inkjet printers	36,235	6,190	4,679	2,010	5,283	2,380	5,518	2,721
FAX machines	66,682	14,084	8,917	3,376	10,377	2,473	10,318	3,802
Photocopiers	59,277	13,626	7,276	1,883	7,938	3,097	10,526	3,557
Number of desktop computers								
None	10,030	299	2,902	818	370	1,027	161	581
1 to 4	15,669	1,170	2,550	1,727	1,755	2,040	587	1,557
5 to 9	9,422	1,471	1,648	841	1,731	529	623	588
10 to 19	9,388	1,385	2,003	531	2,293	Q	563	424
20 to 49	13,094	2,303	2,320	Q	3,252	Q	1,389	800
50 to 99	8,284	2,073	918	Q	1,078	Q	2,364	358
100 to 249	9,728	2,276	648	Q	609	Q	3,487	599
250 or more	11,478	4,973	Q	N	Q	N	3,065	652
Number of laptop computers								
None	23,607	1,580	5,147	2,193	2,912	1,767	1,184	1,524
1 to 4	21,161	2,871	3,943	1,711	3,386	1,870	1,228	1,861
5 to 9	8,345	1,510	1,429	Q	1,896	549	951	434
10 to 19	8,343	1,578	1,136	Q	1,872	Q	1,110	509
20 to 49	9,643	2,458	1,070	Q	919	Q	2,705	385
50 to 99	5,234	1,416	Q	Q	Q	Q	1,906	Q
100 to 249	5,217	1,723	Q	Q	Q	N	1,907	Q
250 or more	5,542	2,817	Q	N	Q	N	1,248	Q
Number of dedicated servers								
None	33,724	2,834	6,441	2,836	3,300	3,081	3,465	2,573
1 to 4	34,097	5,745	5,189	1,703	5,539	1,414	6,085	1,845
5 to 9	6,241	1,712	879	Q	1,401	Q	995	Q
10 to 19	5,711	2,126	Q	Q	924	N	975	Q
20 to 49	3,758	1,756	Q	Q	Q	N	513	332
50 or more	3,562	1,778	Q	N	N	N	Q	Q
Number of photocopiers								
None	27,816	2,325	5,801	2,748	3,392	1,460	1,712	2,002
One	17,080	1,756	2,819	979	3,252	1,850	1,590	1,201
2 to 4	20,312	3,873	3,099	573	2,752	1,146	5,157	939
5 to 9	8,863	2,242	967	Q	1,483	Q	2,446	486
10 or more	13,022	5,755	Q	Q	451	Q	1,333	931

Table B12. Selected principal building activity: part 1, floorspace, 2012

	Total floorspace (million square feet)							
	Principal building activity							
	All buildings	Office	Warehouse and storage	Service	Mercantile	Religious worship	Education	Public assembly
All buildings	87,093	15,952	13,077	4,630	11,330	4,557	12,239	5,559
Number of TVs or video displays								
None	24,339	3,231	7,446	1,890	1,733	1,241	2,280	1,087
One	9,990	1,871	1,866	1,157	1,311	1,001	746	506
2 to 4	16,465	3,294	2,680	1,129	2,152	1,384	1,922	1,515
5 to 9	8,148	2,389	622	Q	1,203	515	1,211	605
10 to 19	8,168	2,084	Q	Q	1,609	Q	1,909	417
20 to 49	8,058	1,404	Q	N	2,512	Q	2,261	553
50 to 99	4,378	659	Q	N	657	N	1,409	Q
100 or more	7,547	1,019	Q	N	Q	N	Q	535
Food preparation or serving areas in non-food service buildings (more than one may apply)								
Snack bar or concession stand	9,884	1,298	Q	Q	1,715	Q	2,528	1,421
Fast food or small restaurant	9,787	1,447	Q	Q	4,977	N	Q	754
Cafeteria or large restaurant	15,222	2,575	Q	N	1,245	Q	6,511	533
Commercial kitchen/food preparation area	16,150	1,197	Q	Q	2,021	1,103	4,816	1,074
Small kitchen area	14,054	1,994	490	295	1,592	2,345	2,077	1,576
Separate computer areas (more than one may apply)								
Data center or server farm	11,105	4,531	919	Q	Q	Q	1,900	691
Computer-based training room	17,723	3,988	869	Q	2,527	Q	5,956	899
Student or public computer center	14,341	693	Q	Q	1,230	Q	8,374	904
HVAC conservation features (more than one may apply)								
Economizer cycle	30,749	7,386	2,278	536	4,679	560	6,261	2,322
Regular HVAC maintenance	69,244	14,341	8,172	2,895	9,752	3,195	11,572	4,621
Building automation system (BAS) ²	37,051	8,284	1,637	602	6,262	1,063	8,736	2,643
Window and interior lighting features (more than one may apply)								
Multipaned windows	60,362	11,693	7,350	2,517	8,908	3,023	9,139	3,653
Tinted window glass	45,025	9,863	5,313	1,903	7,446	1,880	6,064	2,745
Reflective window glass	15,908	3,795	1,606	653	3,214	658	1,826	885
External overhangs or awnings	32,188	5,382	3,470	1,158	7,794	1,350	3,860	2,380
Skylights or atriums	22,261	3,725	3,776	593	3,592	728	3,914	1,690
Light scheduling	30,263	6,665	2,373	760	7,976	709	3,731	2,154
Occupancy sensors	35,871	8,606	4,273	837	6,082	639	6,278	2,381
Multi-level lighting or dimming	14,534	2,686	435	Q	3,971	859	1,934	1,222
Daylight harvesting	6,114	1,385	602	Q	1,806	Q	631	431
Demand responsive lighting	4,738	432	551	Q	2,389	Q	318	Q
Building automation system (BAS) for lighting ²	12,068	2,643	561	Q	4,744	Q	1,505	812

Table B12. Selected principal building activity: part 1, floorspace, 2012

Total floorspace (million square feet)								
Principal building activity								
	All buildings	Office	Warehouse and storage	Service	Mercantile	Religious worship	Education	Public assembly
All buildings	87,093	15,952	13,077	4,630	11,330	4,557	12,239	5,559
Equipment usage reduced when building not in full use (more than one may apply)								
Heating	63,167	13,273	7,047	3,228	9,624	4,082	11,092	4,175
Cooling	62,516	13,422	7,012	3,019	10,129	3,843	10,556	4,053
Lighting	78,594	15,543	11,140	4,234	10,566	4,482	12,124	5,327

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.