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Table B3. Census region, number of buildings and floorspace, 2012

	Number of buildings (thousand)					Total floorspace (million square feet)				
	All buildings	North-east	Mid-west	South	West	All buildings	North-east	Mid-west	South	West
All buildings	5,557	805	1,237	2,247	1,267	87,093	15,534	18,919	34,279	18,360
Building floorspace (square feet)										
1,001 to 5,000	2,777	372	645	1,159	601	8,041	1,057	1,858	3,383	1,744
5,001 to 10,000	1,229	171	257	491	310	8,900	1,248	1,872	3,535	2,245
10,001 to 25,000	884	152	183	327	221	14,105	2,408	2,889	5,209	3,599
25,001 to 50,000	332	47	83	127	75	11,917	1,644	3,029	4,528	2,716
50,001 to 100,000	199	36	40	88	34	13,918	2,676	2,729	6,139	2,374
100,001 to 200,000	90	18	18	37	17	12,415	2,542	2,400	5,152	2,321
200,001 to 500,000	38	8	10	13	7	10,724	2,232	2,726	3,681	2,084
Over 500,000	8	2	2	3	1	7,074	1,727	1,418	2,652	1,277
Principal building activity										
Education	389	45	67	159	118	12,239	2,056	3,173	5,162	1,848
Food sales	177	27	34	81	35	1,252	316	174	399	363
Food service	380	62	77	160	80	1,819	292	369	771	387
Health care	157	22	44	54	37	4,155	1,067	862	1,441	786
Inpatient	10	2	2	4	2	2,374	538	496	894	447
Outpatient	147	21	42	50	35	1,781	529	366	548	339
Lodging	158	27	23	69	38	5,826	1,007	1,058	2,302	1,459
Mercantile	602	98	131	251	122	11,330	1,653	2,132	4,729	2,815
Retail (other than mall)	438	75	103	177	83	5,439	835	1,142	2,126	1,336
Enclosed and strip malls	164	23	28	74	39	5,890	818	990	2,603	1,478
Office	1,012	148	230	390	245	15,952	3,703	3,334	5,501	3,414
Public assembly	352	65	100	110	77	5,559	953	1,585	2,003	1,018
Public order and safety	84	14	19	39	Q	1,440	345	334	576	Q
Religious worship	412	51	92	195	74	4,557	897	925	2,011	725
Service	619	108	177	230	103	4,630	823	1,472	1,642	694
Warehouse and storage	796	89	163	325	219	13,077	1,761	2,530	5,257	3,529
Other	125	18	30	34	43	2,002	273	435	827	467
Vacant	296	32	51	150	63	3,256	389	536	1,659	672
Year constructed										
Before 1920	362	112	106	104	40	3,983	1,632	1,040	982	329
1920 to 1945	488	125	140	128	94	6,025	1,959	1,769	1,503	795
1946 to 1959	599	96	110	229	164	7,381	1,581	1,662	2,634	1,504
1960 to 1969	639	100	159	232	148	10,362	2,240	2,687	3,499	1,937
1970 to 1979	684	75	160	274	176	10,846	1,952	2,619	3,693	2,582
1980 to 1989	915	86	172	427	231	15,230	1,743	2,617	6,942	3,929
1990 to 1999	845	90	203	385	168	13,803	2,044	2,798	6,172	2,788
2000 to 2003	375	46	80	159	90	7,215	980	1,495	3,314	1,426
2004 to 2007	347	37	50	163	97	6,524	501	1,236	2,839	1,948
2008 to 2012	303	38	57	147	61	5,723	903	997	2,701	1,122
Climate region¹										
Very cold/Cold	2,031	642	983	N	406	31,898	10,510	16,172	N	5,217
Mixed-humid	1,743	164	255	1,325	N	27,873	5,024	2,748	20,101	N
Mixed-dry/Hot-dry	837	N	N	Q	706	12,037	N	N	Q	10,490
Hot-humid	799	N	N	791	Q	12,831	N	N	12,632	Q
Marine	147	N	N	N	147	2,454	N	N	N	2,454

Table B3. Census region, number of buildings and floorspace, 2012

	Number of buildings (thousand)					Total floorspace (million square feet)				
	All buildings	North-east	Mid-west	South	West	All buildings	North-east	Mid-west	South	West
All buildings	5,557	805	1,237	2,247	1,267	87,093	15,534	18,919	34,279	18,360
Number of floors										
One	3,836	360	785	1,737	954	39,809	3,865	7,652	18,532	9,760
Two	1,158	236	296	377	248	20,206	4,098	4,867	6,972	4,269
Three	374	147	121	63	43	8,140	2,421	2,607	2,028	1,083
Four to nine	177	60	33	64	21	13,535	3,409	2,915	5,013	2,198
Ten or more	13	4	2	5	2	5,404	1,742	879	1,734	1,049
Elevators and escalators (more than one may apply)										
Any elevators	405	90	102	137	77	32,120	7,911	7,555	11,022	5,633
Number of elevators										
One	272	58	74	89	50	11,158	2,580	3,220	3,665	1,693
Two to five	118	27	25	42	24	12,817	3,146	2,781	4,610	2,281
Six or more	16	5	3	6	3	8,145	2,186	1,554	2,746	1,658
Any escalators	10	3	Q	2	2	3,654	798	880	1,071	905
Number of workers (main shift)										
Fewer than 5	2,892	414	715	1,163	600	17,751	2,692	4,286	7,336	3,438
5 to 9	1,085	154	224	448	259	8,973	1,282	1,910	3,553	2,227
10 to 19	731	106	129	297	200	9,623	1,390	1,880	3,814	2,538
20 to 49	513	68	104	198	143	14,514	1,903	3,372	5,611	3,628
50 to 99	206	31	41	97	36	13,476	2,385	2,761	6,076	2,254
100 to 249	93	21	18	32	22	10,941	2,530	2,314	4,163	1,934
250 or more	37	10	7	11	8	11,815	3,352	2,397	3,726	2,341
Weekly operating hours										
Fewer than 40	1,149	149	290	489	221	8,220	1,173	2,026	3,508	1,514
40 to 48	1,346	168	302	536	339	15,828	2,361	3,048	6,789	3,631
49 to 60	1,244	199	254	501	290	20,529	3,345	4,372	8,494	4,318
61 to 84	764	131	155	270	209	15,867	3,313	3,628	5,275	3,651
85 to 167	479	75	98	204	101	9,395	1,881	2,428	3,138	1,948
Open continuously	575	83	139	247	106	17,253	3,461	3,418	7,076	3,298
Ownership and occupancy										
Nongovernment owned	4,781	723	1,066	1,958	1,034	67,550	11,913	14,177	26,441	15,019
Owner occupied	2,466	400	629	983	455	30,637	5,454	7,338	12,119	5,726
Leased to tenant(s)	1,745	239	329	721	457	26,115	4,430	4,720	10,105	6,860
Owner occupied and leased	349	62	69	140	78	8,873	1,786	1,767	3,242	2,078
Unoccupied	221	Q	40	115	43	1,925	Q	352	975	355
Government owned	776	83	171	289	233	19,543	3,621	4,742	7,839	3,341
Federal	33	Q	9	14	Q	1,573	Q	275	835	204
State	185	15	31	77	62	5,539	1,149	1,158	2,111	1,122
Local	558	67	131	198	162	12,431	2,213	3,310	4,893	2,015
Party responsible for operation and maintenance of energy systems										
Building owner	4,715	661	1,118	1,881	1,054	73,702	13,304	16,815	28,772	14,811
Business owner or tenant	724	124	102	308	190	11,309	1,819	1,724	4,541	3,225
Property management	54	Q	Q	24	16	1,250	Q	Q	652	233
Other	64	Q	Q	33	Q	832	Q	Q	315	Q

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All buildings	5,557	805	1,237	2,247	1,267	87,093	15,534	18,919	34,279	18,360
Provider of direct input on energy-related equipment purchases										
Building owner	4,876	682	1,136	1,947	1,112	76,271	13,567	17,159	29,802	15,742
Business owner or tenant	540	94	77	230	139	8,256	1,393	1,274	3,326	2,263
Property management	35	Q	Q	15	Q	880	Q	Q	345	Q
Other	106	23	15	55	13	1,686	314	345	806	221
Number of establishments										
One	4,205	602	974	1,690	939	54,994	9,527	12,503	21,742	11,222
2 to 5	862	150	192	328	193	17,756	3,305	4,207	6,503	3,742
6 to 10	147	19	21	63	44	4,425	775	798	1,750	1,103
11 to 20	68	8	8	27	25	3,704	833	493	1,560	818
More than 20	27	3	2	8	14	3,821	832	532	1,419	1,037
Currently unoccupied	248	24	41	130	53	2,393	262	386	1,306	439
Campus or complex activity										
Not part of a campus or complex	3,683	551	921	1,485	726	52,275	9,030	12,622	20,204	10,419
Primary or secondary school	237	6	28	94	110	4,616	508	1,027	1,988	1,093
College or university	84	15	11	39	19	4,068	738	659	2,093	577
Office complex	154	22	31	58	42	3,456	759	619	1,254	824
Retail complex	258	36	45	108	69	5,159	907	976	2,095	1,181
Storage complex	314	35	55	138	86	3,212	549	460	1,396	808
Religious campus or complex	197	34	27	83	53	1,932	489	261	777	405
Health care complex	52	14	8	19	12	3,362	1,130	583	1,067	582
Lodging or resort complex	65	Q	Q	31	16	1,295	Q	Q	539	468
Transportation complex	35	Q	Q	Q	Q	554	Q	Q	Q	Q
Government complex	104	14	23	42	26	2,107	587	303	720	496
Other	371	66	64	143	99	5,057	629	1,085	1,950	1,393
Predominant exterior wall material										
Brick, stone, or stucco	2,312	317	528	934	534	40,463	7,649	9,051	16,679	7,084
Concrete (block or poured)	1,121	140	217	529	236	20,726	3,608	4,010	8,153	4,955
Concrete panels	210	16	21	68	105	8,693	804	1,694	3,158	3,037
Siding or shingles	905	239	218	238	210	5,750	1,589	1,395	1,389	1,377
Metal panels	933	82	231	458	162	8,673	1,020	2,150	4,246	1,257
Window glass	17	4	Q	2	10	1,340	432	Q	360	323
Other	37	Q	Q	Q	Q	856	Q	Q	Q	Q
No one major type	21	Q	Q	Q	Q	592	Q	Q	Q	Q
Predominant roof material										
Metal surfacing	1,672	148	367	858	298	15,916	1,626	3,264	8,295	2,733
Synthetic or rubber	911	175	292	261	183	25,817	5,880	7,502	7,742	4,692
Built-up	836	90	117	373	256	21,835	3,782	3,999	8,890	5,164
Slate or tile shingles	406	66	47	162	130	4,306	842	390	1,865	1,209
Wooden materials (including shingles)	157	27	Q	58	45	1,139	161	Q	383	469
Asphalt, fiberglass, or other shingles	1,483	282	371	498	332	15,104	2,668	3,268	5,843	3,324
Concrete	51	10	Q	25	11	1,642	298	Q	860	403
Other	24	Q	Q	Q	Q	678	Q	Q	Q	Q
No one major type	18	Q	Q	Q	Q	657	Q	Q	Q	Q

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	Number of buildings (thousand)					Total floorspace (million square feet)				
	All buildings	North-east	Mid-west	South	West	All buildings	North-east	Mid-west	South	West
All buildings	5,557	805	1,237	2,247	1,267	87,093	15,534	18,919	34,279	18,360
Roof characteristics										
Roof tilt										
Flat	1,960	286	358	764	552	49,623	10,061	10,574	18,121	10,866
Shallow pitch	2,148	213	493	955	487	23,853	2,542	5,009	11,004	5,297
Steeper pitch	1,449	306	386	528	229	13,617	2,930	3,336	5,154	2,197
Cool roof	740	76	132	280	252	19,630	3,382	3,666	7,530	5,053
Renovations in buildings constructed before 2008 (more than one may apply)										
Any type of renovation	2,094	352	521	789	432	42,216	9,263	10,097	15,393	7,462
Addition or annex	444	63	136	176	69	13,022	2,574	4,082	4,609	1,757
Reduction in floorspace	71	11	19	30	12	1,753	584	273	626	270
Roof replacement	987	178	272	359	178	20,917	5,460	5,397	6,962	3,097
Exterior wall replacement	194	31	50	83	31	4,230	910	1,074	1,442	805
Interior wall reconfiguration	889	181	210	295	204	21,340	5,019	5,201	6,854	4,266
Window replacement	560	117	157	184	102	12,265	3,404	3,041	3,773	2,048
HVAC equipment upgrade	1,101	191	291	421	197	26,779	6,477	6,541	9,363	4,398
Lighting upgrade	982	187	232	352	211	25,503	6,009	6,104	8,829	4,560
Electrical upgrade	747	155	180	273	139	16,160	3,968	4,004	5,482	2,707
Plumbing system upgrade	644	124	173	231	116	13,828	3,378	3,447	4,629	2,375
Insulation upgrade	382	75	123	133	52	7,607	1,749	2,197	2,358	1,304
Fire, safety, or security upgrade	616	145	147	210	114	17,196	4,602	3,814	5,875	2,905
Structural upgrade	152	38	43	40	30	3,913	732	887	1,201	1,094
Other	39	Q	Q	Q	Q	848	Q	Q	Q	Q
No renovations	3,160	415	660	1,311	775	39,154	5,368	7,826	16,185	9,776
Buildings constructed 2008 or later	303	38	57	147	61	5,723	903	997	2,701	1,122
Energy sources (more than one may apply)										
Electricity	5,234	770	1,171	2,086	1,207	84,869	15,291	18,560	33,026	17,992
Natural gas	2,933	433	843	950	707	58,725	11,068	15,025	19,900	12,732
Fuel oil	467	217	77	131	43	20,200	6,079	3,935	7,051	3,135
District heat	48	16	7	18	7	5,964	1,981	906	2,191	886
District chilled water	54	7	2	35	9	4,608	794	585	2,479	749
Propane	510	106	133	187	84	7,706	1,746	1,909	2,567	1,484
Other	172	51	50	34	37	3,826	1,087	798	907	1,034
Space-heating energy sources (more than one may apply)										
Electricity	2,858	310	493	1,380	676	49,030	7,276	8,638	22,558	10,559
Natural gas	2,612	392	819	782	618	49,511	9,352	14,031	15,438	10,690
Fuel oil	270	170	39	53	Q	4,351	2,851	667	765	Q
District heat	48	16	7	18	7	5,925	1,981	906	2,171	867
Propane	342	59	105	124	54	3,067	653	1,003	927	484
Other	101	Q	32	Q	Q	1,010	206	301	Q	Q

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All buildings	5,557	805	1,237	2,247	1,267	87,093	15,534	18,919	34,279	18,360
Primary space-heating energy source										
Electricity	1,819	138	193	1,043	445	26,205	2,188	2,982	15,118	5,917
Natural gas	2,322	361	768	647	547	42,988	8,366	13,084	12,312	9,226
Fuel oil	205	141	Q	32	Q	2,542	1,988	Q	299	Q
District heat	47	15	6	18	7	5,797	1,954	864	2,112	867
Propane	261	46	84	92	38	1,948	377	723	613	235
Other	67	Q	Q	Q	Q	598	Q	Q	Q	Q
Cooling energy sources (more than one may apply)										
Electricity	4,413	583	967	1,861	1,001	76,034	13,303	16,826	29,950	15,955
Natural gas	12	6	Q	Q	Q	732	305	Q	Q	Q
District chilled water	54	7	2	35	9	4,608	794	585	2,479	749
Water-heating energy sources (more than one may apply)										
Electricity	2,658	324	525	1,242	567	42,755	6,561	7,934	19,449	8,811
Natural gas	1,758	291	493	527	447	39,523	7,533	10,615	12,258	9,116
Fuel oil	77	69	Q	Q	Q	1,911	1,401	Q	Q	Q
District heat	25	9	5	7	4	4,551	1,641	767	1,568	575
Propane	142	37	31	42	32	1,575	389	392	534	260
Cooking energy sources (more than one may apply)										
Electricity	1,010	120	260	439	191	25,151	4,677	6,159	9,812	4,503
Natural gas	740	123	163	286	168	24,770	5,357	5,642	8,572	5,200
Propane	144	48	28	53	Q	2,001	779	328	663	230
Energy end uses (more than one may apply)										
Buildings with space heating	4,722	727	1,096	1,842	1,057	80,078	15,053	18,055	30,499	16,471
Buildings with cooling	4,461	592	970	1,891	1,007	79,294	13,949	17,144	31,734	16,467
Buildings with water heating	4,423	671	1,014	1,740	997	79,015	14,633	17,592	30,261	16,529
Buildings with cooking	1,589	249	370	664	306	38,546	8,177	8,726	14,381	7,262
Buildings with manufacturing	259	44	55	83	77	5,078	1,059	1,172	1,708	1,139
Buildings with electricity generation	410	107	84	141	78	25,642	6,223	5,358	9,377	4,683
Percent of floorspace heated										
Not heated	835	79	141	405	210	7,015	481	864	3,781	1,890
1 to 50	697	86	103	297	211	10,130	1,132	1,310	3,979	3,709
51 to 99	727	137	137	267	185	14,650	2,873	2,239	6,218	3,320
100	3,298	503	856	1,278	661	55,298	11,049	14,506	20,302	9,441
Percent of floorspace cooled										
Not cooled	1,096	213	267	355	260	7,799	1,585	1,776	2,545	1,894
1 to 50	1,173	196	281	422	273	18,891	3,558	4,741	6,189	4,403
51 to 99	897	156	177	330	234	22,728	5,081	4,697	8,462	4,487
100	2,391	240	512	1,139	500	37,676	5,311	7,706	17,083	7,576

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All buildings	5,557	805	1,237	2,247	1,267	87,093	15,534	18,919	34,279	18,360
Percent lit when open										
Zero	70	Q	Q	Q	Q	322	Q	Q	Q	Q
1 to 50	1,099	170	292	379	258	12,628	2,097	2,870	4,755	2,907
51 to 99	1,666	259	382	614	411	34,814	6,288	7,932	13,288	7,307
100	2,222	308	427	1,011	476	35,726	6,670	7,266	14,405	7,385
Building never open/electricity not used	501	60	121	216	103	3,603	437	773	1,710	683
Percent lit during off hours										
Zero	2,489	366	528	945	650	24,746	3,877	5,594	9,120	6,156
1 to 50	2,441	360	592	990	499	50,753	9,299	11,464	20,182	9,808
51 to 100	202	40	25	97	40	6,926	1,801	953	2,567	1,605
Building always open with no "off hours"	102	5	25	54	18	2,443	314	550	1,157	423
Electricity not used	323	36	66	161	61	2,225	243	360	1,254	368
Heating equipment (more than one may apply)										
Heat pumps	628	48	53	392	134	11,846	1,397	1,068	6,927	2,453
Furnaces	755	85	252	282	137	8,654	1,244	2,511	3,363	1,536
Individual space heaters	1,247	239	340	381	287	20,766	4,918	5,735	6,519	3,594
District heat	48	16	7	18	7	5,925	1,981	906	2,171	867
Boilers	544	221	148	98	77	22,443	6,447	6,666	5,784	3,545
Packaged heating units	2,802	347	644	1,127	683	49,188	7,186	10,894	20,049	11,059
Other	62	Q	22	16	14	1,574	Q	370	550	339
Cooling equipment (more than one may apply)										
Residential-type central air conditioners	1,546	178	480	633	255	14,765	1,695	4,347	5,895	2,828
Heat pumps	692	53	65	409	165	12,538	1,490	1,024	7,108	2,916
Individual air conditioners	709	190	147	257	114	12,420	3,845	2,585	4,263	1,727
District chilled water	54	7	2	35	9	4,608	794	585	2,479	749
Central chillers	163	26	37	70	29	17,041	3,489	4,475	6,460	2,617
Packaged air conditioning units	1,909	253	362	786	508	45,153	8,697	9,816	17,185	9,455
Swamp coolers	109	Q	Q	Q	89	1,918	Q	Q	469	1,340
Other	Q	Q	Q	Q	Q	328	Q	Q	Q	Q
Main equipment replaced since 1990 (more than one may apply)										
Heating	1,874	315	448	744	367	27,558	5,356	6,886	10,048	5,268
Cooling	1,971	313	452	836	370	30,702	6,314	7,210	11,668	5,510
Water-heating equipment										
Centralized system	3,348	493	806	1,322	728	47,534	9,128	11,316	17,460	9,631
Distributed system	690	123	133	264	170	12,688	2,383	2,335	4,938	3,032
Combination of centralized and distributed system	385	56	76	154	99	18,793	3,122	3,942	7,863	3,866

Table B3. Census region, number of buildings and floorspace, 2012

	Number of buildings (thousand)					Total floorspace (million square feet)				
	All buildings	North-east	Mid-west	South	West	All buildings	North-east	Mid-west	South	West
All buildings	5,557	805	1,237	2,247	1,267	87,093	15,534	18,919	34,279	18,360
Lighting equipment types (more than one may apply)										
Incandescent	1,826	293	460	721	353	38,406	7,565	9,038	14,581	7,222
Standard fluorescent	4,649	684	1,018	1,890	1,057	80,081	14,473	17,514	31,363	16,732
Compact fluorescent	2,302	354	542	840	566	53,816	10,771	11,841	20,042	11,163
High-intensity discharge (HID)	525	76	110	219	121	23,396	4,510	5,357	9,347	4,182
Halogen	905	148	203	377	177	28,059	5,267	6,169	10,970	5,653
LED	473	83	114	164	113	22,071	4,752	5,148	7,559	4,612
Other	10	Q	Q	Q	Q	446	Q	Q	Q	Q
Refrigeration equipment (more than one may apply)										
Any refrigeration	3,984	593	898	1,630	864	73,645	13,612	16,570	28,755	14,709
Walk-in units	811	139	175	332	166	28,361	5,870	6,331	10,777	5,384
Cases or cabinets	915	165	203	357	190	28,719	6,066	6,803	10,386	5,464
Large cold storage areas	78	12	14	33	19	4,171	569	972	1,700	930
Commercial ice makers	846	101	167	412	166	32,734	5,573	6,598	14,516	6,048
Residential-type or compact units	3,388	511	795	1,342	740	62,381	11,436	14,257	24,189	12,499
Vending machines	960	135	194	436	195	43,936	8,448	9,673	17,627	8,188
No refrigeration	1,573	213	340	617	404	13,448	1,922	2,350	5,525	3,651
Office equipment (more than one may apply)										
Desktop computers	3,977	593	876	1,550	957	77,063	14,116	16,861	29,686	16,400
With flat screen monitors	3,847	569	841	1,507	931	76,160	13,956	16,628	29,347	16,229
With multiple monitors	911	120	183	358	250	30,946	5,289	6,407	12,095	7,155
Laptop computers	2,730	412	598	1,074	646	63,486	11,774	13,895	24,921	12,896
Dedicated servers	1,748	254	358	693	442	53,369	10,087	11,271	20,565	11,447
Laser printers	2,339	355	524	857	603	54,256	10,317	12,158	20,460	11,320
Inkjet printers	2,187	311	468	916	493	36,235	6,559	7,682	14,297	7,697
FAX machines	3,185	486	684	1,258	756	66,682	12,733	14,439	25,795	13,715
Photocopiers	2,163	355	474	808	526	59,277	11,654	13,053	22,099	12,471
Number of desktop computers										
None	1,581	212	361	697	310	10,030	1,418	2,058	4,594	1,960
1 to 4	2,039	320	484	780	454	15,669	2,457	3,582	6,273	3,356
5 to 9	821	91	186	334	210	9,422	1,392	2,120	3,528	2,381
10 to 19	482	86	81	188	127	9,388	1,644	1,826	3,531	2,388
20 to 49	355	48	62	140	105	13,094	2,327	2,591	5,347	2,830
50 to 99	143	20	33	58	33	8,284	1,365	1,984	3,243	1,692
100 to 249	92	20	20	31	21	9,728	2,303	2,202	3,391	1,832
250 or more	44	8	10	18	8	11,478	2,628	2,556	4,373	1,921

Table B3. Census region, number of buildings and floorspace, 2012

	Number of buildings (thousand)					Total floorspace (million square feet)				
	All buildings	North-east	Mid-west	South	West	All buildings	North-east	Mid-west	South	West
All buildings	5,557	805	1,237	2,247	1,267	87,093	15,534	18,919	34,279	18,360
Number of laptop computers										
None	2,827	394	639	1,173	621	23,607	3,760	5,024	9,358	5,464
1 to 4	1,944	283	451	755	455	21,161	3,350	5,045	8,080	4,687
5 to 9	350	53	62	142	92	8,345	1,406	1,478	3,568	1,894
10 to 19	181	33	29	71	49	8,343	1,500	1,473	3,386	1,984
20 to 49	144	20	28	63	33	9,643	1,471	2,195	3,794	2,183
50 to 99	58	9	15	22	12	5,234	1,218	1,312	1,827	877
100 to 249	35	9	9	13	3	5,217	1,414	1,022	2,108	673
250 or more	20	4	5	9	2	5,542	1,415	1,370	2,159	598
Number of dedicated servers										
None	3,809	551	879	1,554	825	33,724	5,448	7,648	13,715	6,913
1 to 4	1,562	227	325	618	392	34,097	6,193	7,200	13,500	7,203
5 to 9	97	14	20	37	26	6,241	1,092	1,435	2,226	1,487
10 to 19	50	7	6	25	12	5,711	1,117	1,006	2,325	1,263
20 to 49	25	3	5	9	8	3,758	688	982	1,309	779
50 or more	13	3	2	4	4	3,562	996	649	1,204	714
Number of photocopiers										
None	3,394	451	763	1,438	742	27,816	3,880	5,866	12,181	5,889
One	1,325	216	299	485	325	17,080	2,604	3,942	6,129	4,405
2 to 4	648	104	139	246	158	20,312	3,581	4,583	8,063	4,085
5 to 9	116	18	23	47	27	8,863	1,946	2,167	3,203	1,547
10 or more	75	16	13	30	15	13,022	3,523	2,361	4,704	2,434
Number of TVs or video displays										
None	2,718	394	614	1,076	633	24,339	4,054	5,090	9,483	5,711
One	1,145	164	273	471	237	9,990	1,416	2,292	4,276	2,006
2 to 4	1,035	154	212	419	250	16,465	2,930	4,056	6,314	3,165
5 to 9	314	51	72	126	66	8,148	1,824	1,450	3,162	1,711
10 to 19	154	20	31	69	34	8,168	1,799	1,893	3,051	1,424
20 to 49	106	13	19	46	28	8,058	1,443	1,668	3,188	1,759
50 to 99	48	3	10	22	13	4,378	382	929	2,036	1,031
100 or more	37	7	7	17	7	7,547	1,685	1,541	2,769	1,552
Food preparation or serving areas in non-food service buildings (more than one may apply)										
Snack bar or concession stand	153	18	34	66	35	9,884	1,924	2,262	3,763	1,934
Fast food or small restaurant	173	29	31	77	37	9,787	1,751	1,774	3,797	2,464
Cafeteria or large restaurant	130	29	28	55	18	15,222	3,585	3,455	5,947	2,236
Commercial kitchen/food preparation area	282	45	72	109	56	16,150	3,254	3,952	6,092	2,852
Small kitchen area	736	114	183	306	132	14,054	3,105	3,413	5,121	2,414
Separate computer areas (more than one may apply)										
Data center or server farm	97	14	25	31	27	11,105	2,377	2,488	3,873	2,366
Computer-based training room	244	34	47	112	51	17,723	3,341	3,950	7,121	3,311
Student or public computer center	238	40	46	91	61	14,341	2,710	3,338	5,999	2,293

Table B3. Census region, number of buildings and floorspace, 2012

	Number of buildings (thousand)					Total floorspace (million square feet)				
	All buildings	North-east	Mid-west	South	West	All buildings	North-east	Mid-west	South	West
All buildings	5,557	805	1,237	2,247	1,267	87,093	15,534	18,919	34,279	18,360
HVAC conservation features (more than one may apply)										
Economizer cycle	601	107	141	147	206	30,749	6,911	7,916	9,051	6,870
Regular HVAC maintenance	3,178	480	674	1,279	744	69,244	12,982	15,173	26,573	14,517
Building automation system (BAS) ²	781	117	160	291	212	37,051	6,934	7,996	14,578	7,542
Window and interior lighting features (more than one may apply)										
Multipaned windows	3,012	483	842	1,072	614	60,362	11,457	15,282	22,581	11,041
Tinted window glass	1,875	155	373	820	527	45,025	6,313	9,069	18,988	10,654
Reflective window glass	549	61	114	205	169	15,908	2,344	3,813	5,455	4,296
External overhangs or awnings	1,867	204	393	820	450	32,188	4,290	6,494	13,858	7,547
Skylights or atriums	591	80	94	210	207	22,261	4,058	4,091	8,083	6,028
Light scheduling	918	131	204	359	224	30,263	5,838	6,651	10,737	7,038
Occupancy sensors	813	137	155	256	266	35,871	7,732	7,916	11,922	8,300
Multi-level lighting or dimming	349	53	69	134	93	14,534	2,335	3,177	5,424	3,598
Daylight harvesting	125	19	29	53	24	6,114	1,032	1,522	1,996	1,564
Demand responsive lighting	176	Q	35	63	Q	4,738	648	912	1,692	1,487
Building automation system (BAS) for lighting ²	208	32	36	83	57	12,068	2,159	2,448	4,507	2,953
Equipment usage reduced when building not in full use (more than one may apply)										
Heating	3,699	582	842	1,398	877	63,167	12,290	14,126	23,309	13,442
Cooling	3,517	473	764	1,438	841	62,516	11,450	13,442	24,448	13,176
Lighting	4,757	707	1,055	1,898	1,096	78,594	14,259	17,263	30,541	16,531

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.

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Table B4. Census region and division, number of buildings, 2012

	Number of buildings (thousand)									
	Northeast			Midwest		South		West		
	All buildings	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
All buildings	5,557	302	504	735	502	1,091	370	786	338	929
Building floorspace (square feet)										
1,001 to 5,000	2,777	141	231	372	273	535	202	423	175	426
5,001 to 10,000	1,229	72	100	144	113	245	83	164	72	239
10,001 to 25,000	884	57	95	115	68	174	49	103	62	159
25,001 to 50,000	332	18	29	55	27	64	15	48	13	62
50,001 to 100,000	199	9	28	27	14	43	15	30	10	24
100,001 to 200,000	90	3	15	13	4	20	4	13	3	14
200,001 to 500,000	38	2	5	8	2	7	2	4	3	5
Over 500,000	8	Q	2	1	(*)	2	Q	1	1	1
Principal building activity										
Education	389	16	29	44	23	87	14	58	24	94
Food sales	177	Q	Q	Q	Q	40	Q	Q	Q	24
Food service	380	Q	36	45	32	78	35	47	22	59
Health care	157	4	18	21	23	23	10	21	18	19
Inpatient	10	1	1	Q	1	Q	Q	1	(*)	1
Outpatient	147	Q	17	20	22	21	Q	20	17	18
Lodging	158	Q	20	9	14	33	14	22	12	26
Mercantile	602	34	64	84	47	142	31	78	31	91
Retail (other than mall)	438	Q	54	62	41	92	Q	64	22	61
Enclosed and strip malls	164	Q	9	22	6	51	Q	14	9	30
Office	1,012	54	94	154	76	198	63	129	65	179
Public assembly	352	36	29	65	34	45	34	31	16	61
Public order and safety	84	Q	Q	Q	Q	Q	Q	Q	Q	Q
Religious worship	412	Q	28	50	42	80	57	58	22	52
Service	619	41	68	102	75	100	41	89	Q	78
Warehouse and storage	796	28	61	79	84	177	22	126	46	173
Other	125	Q	Q	Q	Q	17	Q	Q	Q	27
Vacant	296	Q	Q	24	27	58	Q	68	Q	34
Year constructed										
Before 1920	362	46	66	54	52	45	34	24	Q	29
1920 to 1945	488	24	101	85	55	57	25	46	22	72
1946 to 1959	599	31	64	71	39	112	36	81	30	134
1960 to 1969	639	30	70	86	73	117	46	68	23	124
1970 to 1979	684	29	46	107	53	126	47	100	54	121
1980 to 1989	915	45	41	91	81	205	60	162	63	168
1990 to 1999	845	35	55	131	72	174	67	144	47	121
2000 to 2003	375	21	25	46	34	83	16	60	28	62
2004 to 2007	347	Q	15	33	16	91	22	51	38	Q
2008 to 2012	303	Q	20	30	26	80	Q	50	21	39

Table B4. Census region and division, number of buildings, 2012

	Number of buildings (thousand)									
	Northeast			Midwest		South			West	
	All buildings	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
All buildings	5,557	302	504	735	502	1,091	370	786	338	929
Number of floors										
One	3,836	124	236	468	317	803	287	647	249	704
Two	1,158	101	135	173	124	205	63	110	73	175
Three	374	62	84	73	48	38	10	15	12	31
Four to nine	177	14	45	20	13	42	Q	12	3	17
Ten or more	13	Q	3	2	Q	3	Q	1	1	1
Elevators and escalators (more than one may apply)										
Any elevators	405	31	59	66	35	83	17	38	17	60
Number of elevators										
One	272	24	34	47	27	51	12	26	11	39
Two to five	118	6	21	17	8	28	4	10	5	19
Six or more	16	(*)	4	2	1	3	1	1	1	2
Any escalators	10	Q	3	Q	Q	1	Q	(*)	Q	1
Number of workers (main shift)										
Fewer than 5	2,892	153	262	403	312	517	205	440	177	423
5 to 9	1,085	72	82	131	93	234	60	155	68	191
10 to 19	731	38	68	82	47	147	55	96	53	146
20 to 49	513	22	46	70	34	112	32	54	27	116
50 to 99	206	9	22	32	9	55	13	28	7	30
100 to 249	93	5	16	11	7	21	3	9	5	16
250 or more	37	2	9	5	2	6	1	5	2	7
Weekly operating hours										
Fewer than 40	1,149	55	95	161	129	184	114	190	75	146
40 to 48	1,346	66	103	169	133	234	95	207	81	259
49 to 60	1,244	73	125	160	94	277	61	163	75	216
61 to 84	764	61	70	101	54	162	34	74	45	163
85 to 167	479	23	52	63	34	112	27	65	22	79
Open continuously	575	24	60	81	58	122	38	87	40	66
Ownership and occupancy										
Nongovernment owned	4,781	266	457	636	430	971	303	685	278	756
Owner occupied	2,466	148	252	358	270	445	171	367	146	309
Leased to tenant(s)	1,745	82	157	219	110	392	92	236	85	372
Owner occupied and leased	349	28	34	38	31	84	21	34	24	54
Unoccupied	221	Q	Q	Q	Q	49	Q	47	Q	21
Government owned	776	36	47	100	72	121	67	101	61	172
Federal	33	Q	Q	Q	Q	4	Q	Q	Q	Q
State	185	Q	10	15	16	40	21	17	22	41
Local	558	31	36	78	54	77	41	80	33	130

Table B4. Census region and division, number of buildings, 2012

	Number of buildings (thousand)									
	Northeast			Midwest		South			West	
	All buildings	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
All buildings	5,557	302	504	735	502	1,091	370	786	338	929
Predominant roof material										
Metal surfacing	1,672	Q	78	156	211	360	160	338	119	179
Synthetic or rubber	911	55	120	188	104	151	45	65	62	121
Built-up	836	21	69	78	39	189	45	138	43	213
Slate or tile shingles	406	Q	51	36	Q	89	Q	57	28	103
Wooden materials (including shingles)	157	Q	Q	Q	Q	35	Q	Q	Q	41
Asphalt, fiberglass, or other shingles	1,483	125	157	244	127	244	95	159	80	252
Concrete	51	Q	Q	Q	Q	18	Q	Q	Q	11
Other	24	Q	Q	Q	Q	Q	Q	Q	Q	Q
No one major type	18	Q	Q	Q	Q	Q	Q	Q	Q	Q
Roof characteristics										
Roof tilt										
Flat	1,960	76	210	244	114	421	93	250	110	442
Shallow pitch	2,148	84	130	252	241	409	164	382	154	333
Steeper pitch	1,449	142	164	239	147	262	113	153	75	154
Cool roof	740	Q	54	80	52	118	63	99	67	185
Renovations in buildings constructed before 2008 (more than one may apply)										
Any type of renovation	2,094	130	222	299	222	354	168	267	110	322
Addition or annex	444	31	32	78	59	89	37	50	17	52
Reduction in floorspace	71	Q	Q	Q	Q	16	Q	Q	Q	Q
Roof replacement	987	71	107	147	125	134	101	124	45	132
Exterior wall replacement	194	11	20	27	23	35	24	24	Q	24
Interior wall reconfiguration	889	61	119	138	72	134	62	98	46	158
Window replacement	560	52	66	96	60	81	44	59	28	75
HVAC equipment upgrade	1,101	69	122	184	107	203	84	135	55	142
Lighting upgrade	982	66	120	142	90	170	65	118	57	154
Electrical upgrade	747	58	97	105	75	126	55	93	40	99
Plumbing system upgrade	644	41	83	111	62	109	47	75	34	82
Insulation upgrade	382	29	46	77	45	61	35	37	14	38
Fire, safety, or security upgrade	616	53	92	88	59	90	46	75	29	85
Structural upgrade	152	22	16	30	13	17	Q	Q	9	21
Other	39	Q	Q	Q	Q	Q	Q	Q	Q	Q
No renovations	3,160	153	263	406	254	657	185	469	207	568
Buildings constructed 2008 or later	303	Q	20	30	26	80	Q	50	21	39

Table B4. Census region and division, number of buildings, 2012

	Number of buildings (thousand)									
	Northeast			Midwest		South			West	
	All buildings	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
All buildings	5,557	302	504	735	502	1,091	370	786	338	929
Energy sources (more than one may apply)										
Electricity	5,234	285	485	706	466	1,020	354	712	316	891
Natural gas	2,933	98	335	577	266	387	191	372	218	489
Fuel oil	467	115	102	46	31	69	30	32	8	35
District heat	48	Q	9	3	4	9	Q	5	Q	5
District chilled water	54	Q	Q	2	Q	22	Q	6	1	8
Propane	510	75	31	37	96	94	49	43	29	55
Other	172	Q	22	28	22	19	Q	Q	12	Q
Space-heating energy sources (more than one may apply)										
Electricity	2,858	99	211	282	211	704	239	437	165	511
Natural gas	2,612	82	310	559	260	299	168	316	202	416
Fuel oil	270	105	65	20	19	29	Q	Q	Q	Q
District heat	48	Q	9	3	4	9	Q	5	Q	5
Propane	342	38	21	29	76	58	35	Q	24	Q
Other	101	Q	Q	Q	Q	Q	Q	Q	Q	Q
Primary space-heating energy source										
Electricity	1,819	38	100	90	102	557	153	334	80	365
Natural gas	2,322	75	286	530	238	239	140	268	187	360
Fuel oil	205	93	48	Q	Q	21	Q	Q	Q	Q
District heat	47	Q	9	3	4	8	Q	5	Q	5
Propane	261	33	Q	Q	61	43	28	Q	Q	Q
Other	67	Q	Q	Q	Q	Q	Q	Q	Q	Q
Cooling energy sources (more than one may apply)										
Electricity	4,413	183	400	599	369	917	329	616	258	743
Natural gas	12	Q	3	Q	Q	Q	Q	Q	Q	Q
District chilled water	54	Q	Q	2	Q	22	Q	6	1	8
Water-heating energy sources (more than one may apply)										
Electricity	2,658	127	197	295	230	665	238	339	130	437
Natural gas	1,758	55	236	350	143	202	92	233	129	317
Fuel oil	77	46	23	Q	Q	Q	Q	Q	Q	Q
District heat	25	Q	Q	2	Q	Q	Q	Q	Q	3
Propane	142	28	Q	Q	24	21	Q	Q	Q	Q
Cooking energy sources (more than one may apply)										
Electricity	1,010	53	67	161	99	206	98	135	58	133
Natural gas	740	33	90	120	43	124	59	103	36	132
Propane	144	Q	10	Q	23	31	Q	Q	Q	Q

Table B4. Census region and division, number of buildings, 2012

	Number of buildings (thousand)									
	Northeast			Midwest		South			West	
	All buildings	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
All buildings	5,557	302	504	735	502	1,091	370	786	338	929
Cooling equipment (more than one may apply)										
Residential-type central air conditioners	1,546	53	124	305	175	251	112	270	73	182
Heat pumps	692	16	38	33	32	296	54	59	31	134
Individual air conditioners	709	67	123	80	68	121	54	81	23	91
District chilled water	54	Q	Q	2	Q	22	Q	6	1	8
Central chillers	163	12	14	24	13	40	8	22	12	18
Packaged air conditioning units	1,909	81	172	235	127	376	156	254	125	383
Swamp coolers	109	Q	Q	Q	N	Q	N	Q	36	53
Other	Q	Q	Q	Q	Q	Q	N	Q	Q	Q
Main equipment replaced since 1990 (more than one may apply)										
Heating	1,874	106	208	268	179	349	130	265	99	269
Cooling	1,971	95	219	271	181	424	139	273	87	283
Water-heating equipment										
Centralized system	3,348	166	327	490	316	617	268	437	195	533
Distributed system	690	40	83	90	43	160	28	76	36	135
Combination of centralized and distributed system	385	30	26	49	27	79	29	46	29	69
Lighting equipment types (more than one may apply)										
Incandescent	1,826	111	182	276	183	353	149	219	105	247
Standard fluorescent	4,649	236	448	620	398	948	319	624	269	788
Compact fluorescent	2,302	139	214	349	194	422	136	282	132	433
High-intensity discharge (HID)	525	34	41	73	37	122	29	67	27	95
Halogen	905	70	79	138	64	196	44	137	45	132
LED	473	36	47	80	34	96	29	38	26	87
Other	10	Q	Q	Q	Q	Q	Q	Q	Q	Q
Refrigeration equipment (more than one may apply)										
Any refrigeration	3,984	212	381	566	332	789	311	530	222	641
Walk-in units	811	59	81	113	62	180	51	100	43	122
Cases or cabinets	915	68	98	132	72	191	66	100	51	138
Large cold storage areas	78	Q	11	9	Q	19	Q	7	Q	14
Commercial ice makers	846	36	64	111	55	216	77	119	49	118
Residential-type or compact units	3,388	186	325	495	300	640	261	441	185	554
Vending machines	960	47	88	117	77	220	89	126	51	145
No refrigeration	1,573	90	122	170	170	303	59	256	116	287

Table B4. Census region and division, number of buildings, 2012

	Number of buildings (thousand)									
	Northeast			Midwest		South			West	
	All buildings	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
All buildings	5,557	302	504	735	502	1,091	370	786	338	929
Office equipment (more than one may apply)										
Desktop computers	3,977	209	384	549	327	805	247	498	233	724
With flat screen monitors	3,847	201	368	529	312	786	232	489	223	709
With multiple monitors	911	37	83	126	57	192	51	115	64	186
Laptop computers	2,730	151	261	385	213	557	179	338	155	492
Dedicated servers	1,748	100	154	229	129	349	105	239	110	332
Laser printers	2,339	121	234	339	185	457	130	270	155	448
Inkjet printers	2,187	112	199	269	199	469	143	304	111	382
FAX machines	3,185	162	325	447	238	648	191	420	183	573
Photocopiers	2,163	138	217	309	165	396	141	271	129	397
Number of desktop computers										
None	1,581	93	120	186	175	287	122	288	105	205
1 to 4	2,039	117	204	295	189	398	126	256	117	337
5 to 9	821	Q	67	116	70	171	61	102	46	164
10 to 19	482	37	49	52	29	98	26	64	35	92
20 to 49	355	17	32	40	22	80	19	40	19	86
50 to 99	143	7	13	25	8	29	9	20	6	26
100 to 249	92	6	14	14	6	20	3	8	7	14
250 or more	44	2	6	7	3	9	2	7	3	5
Number of laptop computers										
None	2,827	151	243	350	289	535	190	448	184	437
1 to 4	1,944	96	187	286	165	382	129	243	108	347
5 to 9	350	25	28	43	19	79	15	48	25	68
10 to 19	181	15	18	19	10	37	18	16	6	42
20 to 49	144	8	11	18	10	38	9	15	8	25
50 to 99	58	3	7	10	4	10	4	9	5	7
100 to 249	35	3	6	6	Q	5	Q	5	2	2
250 or more	20	Q	3	3	Q	6	Q	2	1	2
Number of dedicated servers										
None	3,809	201	350	506	373	743	264	547	228	597
1 to 4	1,562	92	136	206	119	309	92	218	98	294
5 to 9	97	5	9	14	5	21	6	10	5	20
10 to 19	50	2	5	4	3	13	Q	8	Q	8
20 to 49	25	Q	2	3	Q	4	Q	2	1	8
50 or more	13	Q	3	2	Q	2	Q	Q	Q	3
Number of photocopiers										
None	3,394	164	287	426	337	695	229	515	210	532
One	1,325	90	126	198	101	228	93	165	81	244
2 to 4	648	38	66	85	55	125	35	86	39	119
5 to 9	116	7	11	17	6	28	7	12	5	22
10 or more	75	3	14	9	4	16	7	8	3	12

Table B4. Census region and division, number of buildings, 2012

	Number of buildings (thousand)									
	Northeast			Midwest		South			West	
	All buildings	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
All buildings	5,557	302	504	735	502	1,091	370	786	338	929
Number of TVs or video displays										
None	2,718	165	229	340	275	523	162	392	192	441
One	1,145	59	105	172	101	214	75	182	56	181
2 to 4	1,035	45	109	143	69	210	80	130	53	197
5 to 9	314	17	34	40	31	60	28	38	13	53
10 to 19	154	8	12	18	13	33	12	23	13	21
20 to 49	106	Q	7	10	8	29	7	10	7	20
50 to 99	48	Q	2	7	Q	14	Q	6	4	Q
100 or more	37	1	6	5	2	9	Q	4	Q	5
Food preparation or serving areas in non-food service buildings (more than one may apply)										
Snack bar or concession stand	153	Q	10	22	11	39	10	18	9	26
Fast food or small restaurant	173	17	12	16	15	40	12	24	11	26
Cafeteria or large restaurant	130	11	18	20	8	32	8	15	6	12
Commercial kitchen/food preparation area	282	18	27	50	22	61	20	28	16	40
Small kitchen area	736	45	69	113	71	126	81	99	38	94
Separate computer areas (more than one may apply)										
Data center or server farm	97	6	8	18	7	16	6	9	8	18
Computer-based training room	244	12	22	31	16	56	24	31	20	31
Student or public computer center	238	15	24	28	18	42	17	33	15	46
HVAC conservation features (more than one may apply)										
Economizer cycle	601	30	77	97	44	90	15	43	43	163
Regular HVAC maintenance	3,178	180	300	437	237	655	212	412	188	556
Building automation system (BAS) ¹	781	42	75	108	52	154	42	95	44	169
Window and interior lighting features (more than one may apply)										
Multipaned windows	3,012	203	280	509	333	547	203	322	213	401
Tinted window glass	1,875	56	99	237	135	367	131	323	111	416
Reflective window glass	549	23	39	75	38	112	33	61	45	123
External overhangs or awnings	1,867	76	129	233	160	450	131	240	118	331
Skylights or atriums	591	44	37	62	32	123	29	58	46	161
Light scheduling	918	49	82	149	55	191	56	111	42	183
Occupancy sensors	813	59	78	116	38	146	31	79	48	218
Multi-level lighting or dimming	349	23	30	47	22	80	24	29	21	72
Daylight harvesting	125	Q	11	19	10	22	Q	23	7	17
Demand responsive lighting	176	Q	7	21	Q	45	Q	Q	Q	Q
Building automation system (BAS) for lighting ¹	208	10	22	23	14	39	14	30	12	44

Table B4. Census region and division, number of buildings, 2012

	Number of buildings (thousand)									
	Northeast			Midwest		South			West	
	All buildings	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
All buildings	5,557	302	504	735	502	1,091	370	786	338	929
Equipment usage reduced when building not in full use (more than one may apply)										
Heating	3,699	206	376	529	313	637	266	495	230	647
Cooling	3,517	154	318	481	283	675	268	496	213	629
Lighting	4,757	261	446	631	424	917	335	647	277	819

¹In 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.

(*) = Value rounds to zero in the units displayed.

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.

Release date: February 2015

Revised date: May 2016

Table B5. Census region and division, floorspace, 2012

Total floorspace (million square feet)

	Northeast		Midwest		South			West		
	All buildings	New England	Middle Atlantic	East	West	South Atlantic	East	West	Mountain	Pacific
				North Central	North Central		South Central	South Central		
All buildings	87,093	4,302	11,232	12,742	6,178	17,981	4,904	11,394	4,981	13,379
Building floorspace (square feet)										
1,001 to 5,000	8,041	405	652	1,066	792	1,564	613	1,206	528	1,216
5,001 to 10,000	8,900	541	707	1,062	810	1,764	606	1,164	504	1,741
10,001 to 25,000	14,105	901	1,507	1,823	1,065	2,709	769	1,732	990	2,609
25,001 to 50,000	11,917	642	1,002	2,040	989	2,273	501	1,755	467	2,249
50,001 to 100,000	13,918	598	2,078	1,809	920	3,049	1,002	2,088	725	1,648
100,001 to 200,000	12,415	418	2,124	1,771	628	2,817	578	1,756	447	1,875
200,001 to 500,000	10,724	597	1,636	2,129	597	2,089	503	1,089	774	1,310
Over 500,000	7,074	Q	1,526	1,042	376	1,715	Q	604	546	731
Principal building activity										
Education	12,239	642	1,414	2,205	968	2,840	469	1,853	783	1,065
Food sales	1,252	Q	Q	Q	Q	188	Q	Q	Q	304
Food service	1,819	Q	162	217	153	396	150	225	104	282
Health care	4,155	274	792	549	313	662	271	508	289	497
Inpatient	2,374	169	369	359	137	405	184	304	132	315
Outpatient	1,781	Q	423	190	176	257	Q	204	157	182
Lodging	5,826	Q	800	673	384	1,217	486	599	519	940
Mercantile	11,330	463	1,190	1,488	644	2,746	736	1,247	727	2,088
Retail (other than mall)	5,439	Q	672	748	394	1,052	Q	693	307	1,030
Enclosed and strip malls	5,890	Q	518	740	250	1,694	Q	554	420	1,058
Office	15,952	738	2,965	2,430	904	3,183	694	1,625	852	2,562
Public assembly	5,559	350	603	1,196	390	904	330	769	321	697
Public order and safety	1,440	Q	Q	Q	Q	Q	Q	Q	Q	Q
Religious worship	4,557	Q	613	547	378	857	614	540	214	511
Service	4,630	255	568	847	625	741	318	583	Q	578
Warehouse and storage	13,077	521	1,240	1,570	960	2,832	Q	1,919	591	2,938
Other	2,002	Q	Q	Q	Q	568	Q	Q	Q	345
Vacant	3,256	Q	Q	345	191	546	Q	934	Q	396
Year constructed										
Before 1920	3,983	692	940	642	398	425	278	279	Q	225
1920 to 1945	6,025	428	1,530	1,373	396	690	219	593	144	651
1946 to 1959	7,381	349	1,233	1,154	508	1,515	268	850	325	1,179
1960 to 1969	10,362	481	1,759	1,488	1,198	1,699	699	1,101	406	1,532
1970 to 1979	10,846	502	1,450	1,865	754	1,703	555	1,435	802	1,780
1980 to 1989	15,230	572	1,170	1,655	962	3,584	940	2,419	981	2,948
1990 to 1999	13,803	485	1,560	1,942	856	2,798	1,213	2,161	804	1,984
2000 to 2003	7,215	343	637	1,090	405	1,919	208	1,187	419	1,007
2004 to 2007	6,524	Q	267	860	375	1,923	312	605	667	Q
2008 to 2012	5,723	217	685	672	325	1,725	212	765	329	793

Table B5. Census region and division, floorspace, 2012

Total floorspace (million square feet)

	Northeast		Midwest		South			West		
	All buildings	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
All buildings	87,093	4,302	11,232	12,742	6,178	17,981	4,904	11,394	4,981	13,379
Number of floors										
One	39,809	1,083	2,782	4,975	2,677	9,191	2,639	6,702	2,575	7,186
Two	20,206	1,281	2,816	3,206	1,661	3,825	1,084	2,063	1,153	3,116
Three	8,140	965	1,456	1,708	899	992	344	692	274	809
Four to nine	13,535	782	2,626	2,085	829	2,913	705	1,396	498	1,700
Ten or more	5,404	Q	1,552	767	Q	1,061	Q	541	Q	568
Elevators and escalators (more than one may apply)										
Any elevators	32,120	1,857	6,054	5,439	2,115	6,484	1,236	3,302	1,700	3,932
Number of elevators										
One	11,158	944	1,636	2,252	968	1,948	440	1,277	486	1,207
Two to five	12,817	713	2,432	1,993	788	2,839	476	1,295	563	1,718
Six or more	8,145	200	1,986	1,195	359	1,697	320	730	651	1,007
Any escalators	3,654	Q	785	731	Q	646	Q	283	Q	461
Number of workers (main shift)										
Fewer than 5	17,751	1,017	1,675	2,663	1,623	3,033	1,266	3,037	968	2,470
5 to 9	8,973	496	786	1,110	800	1,751	491	1,312	565	1,662
10 to 19	9,623	439	951	1,232	648	1,935	573	1,307	560	1,978
20 to 49	14,514	546	1,358	2,270	1,102	3,001	964	1,646	858	2,771
50 to 99	13,476	657	1,728	2,147	614	3,490	764	1,821	597	1,657
100 to 249	10,941	686	1,843	1,548	766	2,622	447	1,094	689	1,246
250 or more	11,815	460	2,892	1,771	626	2,150	399	1,178	745	1,595
Weekly operating hours										
Fewer than 40	8,220	392	781	1,329	697	1,161	698	1,648	564	950
40 to 48	15,828	830	1,531	1,988	1,060	2,901	1,269	2,618	896	2,734
49 to 60	20,529	910	2,435	2,736	1,636	5,097	876	2,522	1,161	3,158
61 to 84	15,867	984	2,329	2,591	1,037	3,459	476	1,339	807	2,844
85 to 167	9,395	530	1,351	1,606	821	1,846	503	789	409	1,539
Open continuously	17,253	655	2,806	2,491	927	3,518	1,082	2,477	1,144	2,155
Ownership and occupancy										
Nongovernment owned	67,550	3,314	8,599	9,494	4,683	14,128	3,498	8,815	3,633	11,386
Owner occupied	30,637	1,499	3,954	4,649	2,690	5,746	1,975	4,397	1,539	4,187
Leased to tenant(s)	26,115	1,111	3,319	3,356	1,364	5,971	1,111	3,023	1,394	5,466
Owner occupied and leased	8,873	604	1,182	1,246	521	2,071	330	840	532	1,546
Unoccupied	1,925	Q	Q	Q	Q	338	Q	555	Q	187
Government owned	19,543	988	2,634	3,247	1,495	3,853	1,406	2,580	1,348	1,993
Federal	1,573	Q	Q	Q	Q	666	Q	Q	Q	Q
State	5,539	Q	948	780	Q	715	Q	660	502	620
Local	12,431	752	1,461	2,262	1,048	2,472	580	1,840	766	1,249

Table B5. Census region and division, floorspace, 2012

Total floorspace (million square feet)

	Northeast		Midwest		South			West		
	All buildings	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
All buildings	87,093	4,302	11,232	12,742	6,178	17,981	4,904	11,394	4,981	13,379
Predominant roof material										
Metal surfacing	15,916	548	1,077	1,630	1,634	3,905	1,369	3,020	956	1,776
Synthetic or rubber	25,817	1,755	4,125	5,361	2,141	4,388	1,387	1,968	1,841	2,851
Built-up	21,835	684	3,098	2,894	1,104	4,714	880	3,296	1,169	3,995
Slate or tile shingles	4,306	Q	591	288	Q	1,065	Q	Q	187	1,022
Wooden materials (including shingles)	1,139	Q	Q	Q	Q	268	Q	Q	Q	428
Asphalt, fiberglass, or other shingles	15,104	864	1,805	2,191	1,077	2,964	992	1,887	681	2,643
Concrete	1,642	Q	288	Q	Q	490	Q	Q	Q	332
Other	678	Q	Q	Q	Q	Q	Q	Q	Q	Q
No one major type	657	Q	Q	Q	Q	Q	Q	Q	Q	Q
Roof characteristics										
Roof tilt										
Flat	49,623	2,157	7,905	7,483	3,091	10,067	2,046	6,007	2,767	8,099
Shallow pitch	23,853	1,012	1,530	3,112	1,897	5,282	1,817	3,906	1,589	3,709
Steeper pitch	13,617	1,133	1,798	2,146	1,190	2,631	1,041	1,481	625	1,572
Cool roof	19,630	742	2,639	2,545	1,121	3,879	1,345	2,306	1,510	3,544
Renovations in buildings constructed before 2008 (more than one may apply)										
Any type of renovation	42,216	2,625	6,639	6,653	3,443	7,251	2,752	5,390	2,245	5,217
Addition or annex	13,022	815	1,759	2,501	1,580	2,353	778	1,478	855	902
Reduction in floorspace	1,753	Q	Q	Q	Q	344	Q	Q	Q	Q
Roof replacement	20,917	1,388	4,072	3,267	2,131	2,865	1,647	2,450	1,063	2,034
Exterior wall replacement	4,230	264	646	605	468	773	300	369	Q	647
Interior wall reconfiguration	21,340	1,431	3,589	3,577	1,625	3,346	1,228	2,280	1,418	2,848
Window replacement	12,265	1,095	2,308	2,027	1,013	2,079	584	1,109	770	1,278
HVAC equipment upgrade	26,779	1,570	4,908	4,574	1,967	4,584	1,437	3,342	1,561	2,837
Lighting upgrade	25,503	1,666	4,343	4,115	1,989	4,151	1,440	3,238	1,496	3,065
Electrical upgrade	16,160	1,172	2,796	2,625	1,378	2,571	979	1,932	986	1,721
Plumbing system upgrade	13,828	1,023	2,355	2,294	1,153	2,371	825	1,433	782	1,593
Insulation upgrade	7,607	581	1,168	1,268	929	1,159	409	790	Q	821
Fire, safety, or security upgrade	17,196	1,368	3,234	2,613	1,201	2,782	900	2,193	912	1,994
Structural upgrade	3,913	300	432	628	258	695	Q	Q	Q	717
Other	848	Q	Q	Q	Q	Q	Q	Q	Q	Q
No renovations	39,154	1,460	3,909	5,416	2,409	9,005	1,940	5,240	2,406	7,370
Buildings constructed 2008 or later	5,723	217	685	672	325	1,725	212	765	329	793

Table B5. Census region and division, floorspace, 2012

Total floorspace (million square feet)

	Northeast		Midwest		South			West		
	All buildings	New England	Middle Atlantic	East	West	South Atlantic	East	West	Mountain	Pacific
				North Central	North Central		South Central	West Central		
All buildings	87,093	4,302	11,232	12,742	6,178	17,981	4,904	11,394	4,981	13,379
Energy sources (more than one may apply)										
Electricity	84,869	4,192	11,099	12,544	6,016	17,608	4,824	10,594	4,812	13,180
Natural gas	58,725	2,241	8,827	10,790	4,236	9,984	3,436	6,480	3,766	8,966
Fuel oil	20,200	1,866	4,213	2,619	1,316	4,419	797	1,835	1,092	2,043
District heat	5,964	Q	1,628	574	332	1,159	Q	646	482	404
District chilled water	4,608	Q	656	420	Q	1,202	Q	773	Q	329
Propane	7,706	861	885	829	1,080	1,476	470	621	503	982
Other	3,826	397	691	532	267	554	Q	Q	403	631
Space-heating energy sources (more than one may apply)										
Electricity	49,030	1,848	5,428	5,687	2,951	12,514	3,170	6,874	2,791	7,768
Natural gas	49,511	1,990	7,362	10,122	3,909	7,309	2,662	5,467	3,180	7,509
Fuel oil	4,351	1,270	1,581	292	375	458	Q	Q	Q	Q
District heat	5,925	Q	1,628	574	332	1,148	Q	637	482	385
Propane	3,067	314	339	280	723	498	218	Q	141	343
Other	1,010	Q	Q	Q	Q	Q	Q	Q	Q	Q
Primary space-heating energy source										
Electricity	26,205	468	1,720	1,702	1,281	8,533	1,982	4,604	1,122	4,794
Natural gas	42,988	1,811	6,555	9,587	3,497	5,694	2,067	4,551	2,893	6,333
Fuel oil	2,542	1,099	889	Q	Q	245	Q	Q	Q	Q
District heat	5,797	Q	1,601	532	332	1,089	Q	637	482	385
Propane	1,948	204	Q	Q	517	307	193	Q	Q	Q
Other	598	Q	Q	Q	Q	Q	Q	Q	Q	Q
Cooling energy sources (more than one may apply)										
Electricity	76,034	3,317	9,986	11,474	5,352	16,368	4,307	9,275	4,205	11,749
Natural gas	732	Q	216	Q	Q	Q	Q	Q	Q	Q
District chilled water	4,608	Q	656	420	Q	1,202	Q	773	Q	329
Water-heating energy sources (more than one may apply)										
Electricity	42,755	1,939	4,622	4,914	3,020	11,163	2,900	5,386	2,000	6,810
Natural gas	39,523	1,492	6,042	7,910	2,705	5,651	2,103	4,504	2,665	6,452
Fuel oil	1,911	693	708	Q	Q	Q	Q	Q	Q	Q
District heat	4,551	Q	1,383	470	Q	944	Q	Q	Q	243
Propane	1,575	233	Q	Q	251	353	Q	Q	Q	Q
Cooking energy sources (more than one may apply)										
Electricity	25,151	1,143	3,534	4,211	1,949	5,446	1,544	2,822	1,522	2,981
Natural gas	24,770	1,015	4,341	4,293	1,349	4,427	1,487	2,658	1,694	3,506
Propane	2,001	486	293	Q	211	510	Q	Q	Q	Q

Table B5. Census region and division, floorspace, 2012

Total floorspace (million square feet)

	Northeast		Midwest		South			West		
	All buildings	New England	Middle Atlantic	East	West	South Atlantic	East	West	Mountain	Pacific
				North Central	North Central		South Central	South Central		
All buildings	87,093	4,302	11,232	12,742	6,178	17,981	4,904	11,394	4,981	13,379
Cooling equipment (more than one may apply)										
Residential-type central air conditioners	14,765	451	1,244	2,854	1,493	2,574	891	2,429	668	2,160
Heat pumps	12,538	388	1,103	604	421	4,925	839	1,344	672	2,244
Individual air conditioners	12,420	1,035	2,810	1,806	779	2,484	808	971	565	1,162
District chilled water	4,608	Q	656	420	Q	1,202	Q	773	Q	329
Central chillers	17,041	783	2,706	3,484	991	3,884	831	1,746	920	1,697
Packaged air conditioning units	45,153	2,062	6,635	6,839	2,977	9,119	2,686	5,379	2,314	7,141
Swamp coolers	1,918	Q	Q	Q	N	Q	N	Q	722	617
Other	328	Q	Q	Q	Q	Q	N	Q	Q	Q
Main equipment replaced since 1990 (more than one may apply)										
Heating	27,558	1,646	3,709	4,404	2,482	5,204	1,616	3,228	1,365	3,903
Cooling	30,702	1,516	4,798	4,620	2,591	6,455	1,755	3,458	1,440	4,070
Water-heating equipment										
Centralized system	47,534	2,487	6,641	7,606	3,710	8,889	2,745	5,826	2,573	7,058
Distributed system	12,688	586	1,797	1,671	663	3,030	437	1,471	699	2,333
Combination of centralized and distributed system	18,793	843	2,279	2,804	1,137	4,226	1,416	2,222	1,168	2,698
Lighting equipment types (more than one may apply)										
Incandescent	38,406	2,046	5,520	6,180	2,858	7,828	2,468	4,286	2,253	4,969
Standard fluorescent	80,081	3,771	10,702	11,880	5,634	16,888	4,573	9,901	4,529	12,203
Compact fluorescent	53,816	2,886	7,886	8,336	3,505	10,855	2,923	6,263	3,007	8,156
High-intensity discharge (HID)	23,396	1,161	3,349	4,102	1,255	5,325	1,182	2,841	1,314	2,868
Halogen	28,059	1,494	3,774	4,590	1,578	6,161	1,349	3,459	1,663	3,990
LED	22,071	1,363	3,388	3,759	1,389	4,553	1,232	1,774	1,513	3,099
Other	446	Q	Q	Q	Q	Q	Q	Q	Q	Q
Refrigeration equipment (more than one may apply)										
Any refrigeration	73,645	3,568	10,044	11,374	5,196	15,268	4,498	8,989	4,179	10,530
Walk-in units	28,361	1,424	4,445	4,481	1,850	6,399	1,199	3,179	1,898	3,486
Cases or cabinets	28,719	1,524	4,542	4,820	1,983	5,711	1,596	3,079	1,740	3,725
Large cold storage areas	4,171	Q	430	695	Q	1,049	Q	316	Q	676
Commercial ice makers	32,734	1,240	4,333	4,666	1,932	7,957	2,457	4,102	2,093	3,955
Residential-type or compact units	62,381	3,081	8,354	9,850	4,407	13,129	3,747	7,312	3,323	9,176
Vending machines	43,936	1,902	6,546	6,685	2,988	9,706	2,702	5,219	2,529	5,659
No refrigeration	13,448	734	1,189	1,368	982	2,713	406	2,405	802	2,849

Table B5. Census region and division, floorspace, 2012

Total floorspace (million square feet)

	Northeast		Midwest		South			West		
	All buildings	New England	Middle Atlantic	East	West	South Atlantic	East	West	Mountain	Pacific
				North Central	North Central		South Central	South Central		
All buildings	87,093	4,302	11,232	12,742	6,178	17,981	4,904	11,394	4,981	13,379
Office equipment (more than one may apply)										
Desktop computers	77,063	3,686	10,430	11,561	5,301	16,255	4,236	9,194	4,338	12,062
With flat screen monitors	76,160	3,645	10,310	11,436	5,192	16,079	4,156	9,111	4,261	11,968
With multiple monitors	30,946	1,158	4,132	4,244	2,164	6,888	1,498	3,708	1,992	5,163
Laptop computers	63,486	3,093	8,681	9,507	4,389	13,950	3,421	7,550	3,614	9,282
Dedicated servers	53,369	2,511	7,575	7,894	3,378	11,468	2,897	6,199	3,189	8,258
Laser printers	54,256	2,696	7,622	8,535	3,624	11,789	2,681	5,990	2,952	8,367
Inkjet printers	36,235	1,899	4,660	5,161	2,521	7,724	1,954	4,619	2,056	5,641
FAX machines	66,682	3,164	9,569	9,955	4,484	14,307	3,404	8,084	3,708	10,007
Photocopiers	59,277	2,989	8,665	9,111	3,942	12,279	3,057	6,763	3,360	9,111
Number of desktop computers										
None	10,030	616	802	1,181	877	1,726	668	2,200	643	1,317
1 to 4	15,669	846	1,611	2,283	1,299	3,318	911	2,044	782	2,575
5 to 9	9,422	Q	1,142	1,390	730	1,723	649	1,156	515	1,866
10 to 19	9,388	494	1,150	1,304	522	1,903	649	979	429	1,958
20 to 49	13,094	717	1,610	1,633	958	2,966	758	1,623	873	1,957
50 to 99	8,284	430	936	1,532	452	1,713	456	1,074	434	1,259
100 to 249	9,728	432	1,870	1,569	634	2,156	410	826	653	1,179
250 or more	11,478	518	2,110	1,850	706	2,476	403	1,493	653	1,268
Number of laptop computers										
None	23,607	1,208	2,552	3,235	1,789	4,031	1,483	3,845	1,367	4,097
1 to 4	21,161	1,083	2,267	3,260	1,785	4,218	1,281	2,580	1,163	3,524
5 to 9	8,345	323	1,082	1,063	415	2,003	452	1,113	509	1,384
10 to 19	8,343	521	979	1,060	414	1,994	489	904	405	1,579
20 to 49	9,643	348	1,123	1,384	811	2,362	505	927	740	1,444
50 to 99	5,234	242	976	978	334	809	244	774	309	568
100 to 249	5,217	346	1,068	711	Q	1,078	Q	766	285	388
250 or more	5,542	Q	1,185	1,051	319	1,487	Q	486	202	395
Number of dedicated servers										
None	33,724	1,790	3,657	4,848	2,800	6,513	2,007	5,195	1,792	5,122
1 to 4	34,097	1,582	4,611	5,055	2,145	7,735	1,785	3,980	2,061	5,143
5 to 9	6,241	338	755	931	504	1,063	414	749	357	1,131
10 to 19	5,711	340	777	663	343	1,286	Q	622	Q	899
20 to 49	3,758	Q	566	714	Q	696	Q	455	282	497
50 or more	3,562	Q	867	530	Q	688	Q	Q	Q	589
Number of photocopiers										
None	27,816	1,312	2,568	3,630	2,236	5,702	1,847	4,631	1,621	4,269
One	17,080	912	1,692	2,726	1,216	3,397	816	1,915	1,003	3,402
2 to 4	20,312	1,017	2,564	3,003	1,581	4,073	1,247	2,743	1,137	2,948
5 to 9	8,863	599	1,347	1,644	523	1,943	456	804	399	1,148
10 or more	13,022	461	3,062	1,739	621	2,865	538	1,300	821	1,613

Table B5. Census region and division, floorspace, 2012

	Total floorspace (million square feet)									
	Northeast		Midwest		South			West		
	All buildings	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
All buildings	87,093	4,302	11,232	12,742	6,178	17,981	4,904	11,394	4,981	13,379
Number of TVs or video displays										
None	24,339	1,513	2,541	3,230	1,861	4,717	1,132	3,635	1,447	4,264
One	9,990	435	981	1,485	806	2,162	740	1,374	524	1,482
2 to 4	16,465	833	2,097	2,889	1,167	3,192	964	2,158	688	2,477
5 to 9	8,148	441	1,383	839	611	1,524	637	1,001	292	1,419
10 to 19	8,168	391	1,408	1,134	760	1,558	435	1,058	488	936
20 to 49	8,058	375	1,069	1,198	470	1,973	401	814	620	1,139
50 to 99	4,378	Q	270	783	Q	1,213	Q	Q	409	622
100 or more	7,547	202	1,483	1,184	357	1,643	Q	672	Q	1,039
Food preparation or serving areas in non-food service buildings (more than one may apply)										
Snack bar or concession stand	9,884	Q	1,710	1,632	630	2,550	329	884	723	1,211
Fast food or small restaurant	9,787	335	1,416	1,299	476	2,135	609	1,053	871	1,593
Cafeteria or large restaurant	15,222	829	2,756	2,452	1,003	3,709	613	1,625	916	1,320
Commercial kitchen/ food preparation area	16,150	915	2,339	2,960	993	3,867	722	1,503	992	1,859
Small kitchen area	14,054	776	2,329	2,282	1,130	2,551	1,072	1,498	840	1,574
Separate computer areas (more than one may apply)										
Data center or server farm	11,105	491	1,887	1,743	745	2,296	456	1,120	662	1,704
Computer-based training room	17,723	747	2,594	2,728	1,222	3,895	879	2,347	1,364	1,947
Student or public computer center	14,341	834	1,877	2,236	1,102	3,187	761	2,051	1,010	1,283
HVAC conservation features (more than one may apply)										
Economizer cycle	30,749	1,412	5,498	5,550	2,366	5,286	1,059	2,706	2,022	4,849
Regular HVAC maintenance	69,244	3,324	9,658	10,660	4,513	14,891	3,362	8,319	3,991	10,526
Building automation system (BAS) ¹	37,051	1,734	5,199	5,646	2,350	8,070	1,880	4,628	2,310	5,233
Window and interior lighting features (more than one may apply)										
Multipaned windows	60,362	3,410	8,047	10,082	5,200	12,612	3,378	6,592	3,822	7,219
Tinted window glass	45,025	1,420	4,893	6,325	2,744	9,706	2,497	6,785	2,717	7,937
Reflective window glass	15,908	495	1,849	2,633	1,180	2,980	711	1,765	1,264	3,032
External overhangs or awnings	32,188	1,106	3,183	4,169	2,326	7,774	2,074	4,009	2,237	5,310
Skylights or atriums	22,261	1,376	2,682	2,815	1,276	4,768	922	2,394	1,510	4,519
Light scheduling	30,263	1,454	4,384	5,033	1,617	6,195	1,217	3,324	1,650	5,388
Occupancy sensors	35,871	2,302	5,430	5,927	1,990	7,130	1,429	3,364	2,027	6,273
Multi-level lighting or dimming	14,534	663	1,672	2,275	902	3,452	886	1,086	1,200	2,398
Daylight harvesting	6,114	303	729	1,147	375	999	Q	666	461	1,103
Demand responsive lighting	4,738	Q	448	506	406	1,315	Q	Q	Q	1,332
Building automation system (BAS) for lighting ¹	12,068	526	1,633	1,680	768	2,714	495	1,298	807	2,146

Table B5. Census region and division, floorspace, 2012

Total floorspace (million square feet)

	Northeast			Midwest		South			West	
	All buildings	New England	Middle Atlantic	East	West	South Atlantic	East	West	Mountain	Pacific
				North Central	North Central		South Central	South Central		
All buildings	87,093	4,302	11,232	12,742	6,178	17,981	4,904	11,394	4,981	13,379
Equipment usage reduced when building not in full use (more than one may apply)										
Heating	63,167	3,315	8,975	9,790	4,336	12,357	3,581	7,371	3,738	9,704
Cooling	62,516	2,931	8,520	9,321	4,121	13,458	3,675	7,315	3,479	9,697
Lighting	78,594	3,987	10,272	11,570	5,693	16,417	4,478	9,645	4,497	12,034

¹In 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.