

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

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
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

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
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

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
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

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
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.