

Release date: February 2015

Revised date: May 2016

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.