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Table B13. Selected principal building activity: part 2, number of buildings, 2012

	Number of buildings (thousand)						
	Principal building activity						
	All buildings	Food service	Food sales	Lodging	Health care		Public order and safety
In-patient					Out-patient		
All buildings	5,557	380	177	158	10	147	84
Building floorspace (square feet)							
1,001 to 10,000	4,007	356	154	62	N	113	61
10,001 to 100,000	1,415	24	22	84	5	32	20
Over 100,000	136	N	Q	12	5	2	2
Year constructed							
Before 1946	850	70	Q	16	Q	Q	Q
1946 to 1979	1,922	125	59	68	5	53	26
1980 to 1999	1,760	119	70	49	2	53	31
2000 to 2012	1,025	65	33	25	2	26	23
Census region							
Northeast	805	62	27	27	2	21	14
Midwest	1,237	77	34	23	2	42	19
South	2,247	160	81	69	4	50	39
West	1,267	80	35	38	2	35	Q
Climate region¹							
Very cold/Cold	2,031	128	64	50	3	60	25
Mixed-humid	1,743	141	61	48	2	39	31
Mixed-dry/Hot-dry	837	51	Q	27	Q	17	Q
Hot-humid	799	49	33	31	3	28	Q
Marine	147	Q	Q	Q	Q	Q	Q
Number of floors							
One	3,836	284	140	49	Q	89	59
Two	1,158	60	23	53	Q	46	17
Three	374	29	Q	23	1	Q	Q
Four to nine	177	Q	N	30	4	2	Q
Ten or more	13	N	N	3	1	Q	Q
Elevators and escalators (more than one may apply)							
Any elevators	405	Q	Q	46	7	22	9
Number of elevators							
One	272	Q	Q	25	Q	16	Q
Two to five	118	Q	N	18	3	5	Q
Six or more	16	N	N	2	3	1	Q
Any escalators	10	N	Q	1	(*)	Q	Q
Number of workers (main shift)							
Fewer than 10	3,977	255	150	102	N	80	40
10 to 99	1,450	123	26	50	Q	60	42
100 or more	131	Q	Q	6	6	8	2

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All buildings	5,557	380	177	158	10	147	84
Weekly operating hours							
Fewer than 49	2,495	58	Q	Q	N	79	28
49 to 84	2,008	166	31	N	N	61	Q
85 to 167	479	131	94	Q	N	Q	N
Open continuously	575	24	49	153	10	Q	54
Ownership and occupancy							
Nongovernment owned	4,781	364	177	151	7	138	Q
Owner occupied	2,466	202	93	119	5	74	Q
Leased to tenant(s)	1,745	157	69	29	Q	43	Q
Owner occupied and leased	349	Q	Q	3	1	21	Q
Unoccupied	221	N	N	N	N	N	N
Government owned	776	Q	N	7	2	9	70
Federal	33	N	N	N	(*)	Q	Q
State	185	Q	N	Q	Q	Q	Q
Local	558	Q	N	Q	2	Q	64
Party responsible for operation and maintenance of energy systems							
Building owner	4,715	292	129	153	9	129	76
Business owner or tenant	724	75	44	Q	Q	Q	Q
Property management	54	Q	Q	Q	Q	Q	N
Other	64	Q	Q	Q	Q	Q	Q
Provider of direct input on energy-related equipment purchases							
Building owner	4,876	302	135	154	9	131	75
Business owner or tenant	540	59	36	Q	Q	Q	Q
Property management	35	Q	Q	Q	Q	Q	N
Other	106	Q	Q	Q	Q	Q	Q
Number of establishments							
One	4,205	346	150	146	8	105	70
2 to 5	862	33	27	12	2	37	14
6 to 10	147	Q	Q	Q	Q	Q	N
11 to 20	68	N	N	Q	Q	Q	N
More than 20	27	N	N	Q	Q	Q	N
Currently unoccupied	248	N	N	N	N	N	N

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In-patient					Out-patient		
All buildings	5,557	380	177	158	10	147	84
Campus or complex activity							
Not part of a campus or complex	3,683	315	164	69	4	105	65
Primary or secondary school	237	Q	N	Q	N	N	N
College or university	84	Q	N	15	Q	Q	Q
Office complex	154	Q	N	N	N	Q	Q
Retail complex	258	28	Q	Q	N	Q	N
Storage complex	314	Q	N	N	N	N	N
Religious campus or complex	197	Q	N	Q	N	N	N
Health care complex	52	Q	N	7	5	19	N
Lodging or resort complex	65	Q	N	48	N	N	N
Transportation complex	35	N	N	N	N	N	N
Government complex	104	N	N	Q	N	Q	Q
Other	371	Q	Q	Q	Q	Q	Q
Predominant exterior wall material							
Brick, stone, or stucco	2,312	202	69	91	5	87	43
Concrete (block or poured)	1,121	72	44	28	2	25	18
Concrete panels	210	Q	Q	4	1	Q	Q
Siding or shingles	905	76	37	31	Q	23	Q
Metal panels	933	Q	Q	Q	Q	Q	Q
Window glass	17	Q	Q	Q	Q	Q	N
Other	37	Q	Q	Q	Q	Q	N
No one major type	21	N	Q	Q	Q	N	N
Predominant roof material							
Metal surfacing	1,672	71	48	23	Q	22	33
Synthetic or rubber	911	75	40	25	4	26	7
Built-up	836	63	Q	15	3	25	10
Slate or tile shingles	406	36	Q	21	Q	Q	Q
Wooden materials (including shingles)	157	Q	Q	Q	Q	Q	Q
Asphalt, fiberglass, or other shingles	1,483	110	39	66	1	55	25
Concrete	51	Q	Q	Q	Q	Q	Q
Other	24	Q	N	Q	N	Q	N
No one major type	18	Q	Q	Q	Q	N	Q
Roof characteristics							
Roof tilt							
Flat	1,960	171	80	57	8	60	23
Shallow pitch	2,148	125	73	38	Q	51	Q
Steeper pitch	1,449	84	Q	63	Q	36	37
Cool roof	740	49	25	20	4	13	10

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					In-patient	Out-patient	
All buildings	5,557	380	177	158	10	147	84
Renovations in buildings constructed before 2008 (more than one may apply)							
Any type of renovation	2,094	155	65	80	7	82	35
Addition or annex	444	33	Q	17	5	15	Q
Reduction in floorspace	71	Q	Q	Q	(*)	Q	Q
Roof replacement	987	64	Q	40	3	28	21
Exterior wall replacement	194	Q	Q	10	1	Q	Q
Interior wall reconfiguration	889	70	Q	32	3	53	13
Window replacement	560	48	Q	29	2	18	Q
HVAC equipment upgrade	1,101	83	28	39	5	47	11
Lighting upgrade	982	78	44	42	4	36	12
Electrical upgrade	747	70	Q	29	4	29	Q
Plumbing system upgrade	644	74	Q	40	3	29	Q
Insulation upgrade	382	34	Q	14	1	Q	Q
Fire, safety, or security upgrade	616	62	Q	36	4	22	Q
Structural upgrade	152	21	Q	Q	(*)	Q	Q
Other	39	N	N	Q	Q	Q	Q
No renovations	3,160	201	98	70	2	57	43
Buildings constructed 2008 or later	303	Q	Q	9	1	Q	Q
Energy sources (more than one may apply)							
Electricity	5,234	380	177	158	10	147	84
Natural gas	2,933	283	82	99	8	87	53
Fuel oil	467	Q	Q	28	9	15	34
District heat	48	Q	N	4	1	Q	Q
District chilled water	54	Q	N	Q	1	Q	Q
Propane	510	47	Q	26	2	Q	Q
Other	172	Q	Q	Q	Q	Q	Q
Space-heating energy sources (more than one may apply)							
Electricity	2,858	202	123	116	4	87	44
Natural gas	2,612	207	63	64	5	80	47
Fuel oil	270	Q	Q	Q	2	Q	Q
District heat	48	Q	N	4	1	Q	Q
Propane	342	25	Q	Q	Q	Q	Q
Other	101	Q	Q	Q	Q	Q	Q
Primary space-heating energy source							
Electricity	1,819	146	88	93	Q	58	Q
Natural gas	2,322	183	56	45	5	77	45
Fuel oil	205	Q	Q	Q	Q	Q	Q
District heat	47	Q	N	4	1	Q	Q
Propane	261	Q	Q	Q	N	Q	Q
Other	67	Q	Q	Q	Q	Q	Q

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All buildings	5,557	380	177	158	10	147	84
Cooling energy sources (more than one may apply)							
Electricity	4,413	356	165	142	9	143	74
Natural gas	12	N	N	Q	(*)	Q	Q
District chilled water	54	Q	N	Q	1	Q	Q
Water-heating energy sources (more than one may apply)							
Electricity	2,658	155	115	55	2	90	46
Natural gas	1,758	216	59	91	7	58	28
Fuel oil	77	Q	Q	Q	1	Q	Q
District heat	25	Q	N	3	1	Q	Q
Propane	142	27	Q	Q	Q	Q	Q
Cooking energy sources (more than one may apply)							
Electricity	1,010	183	79	52	5	13	38
Natural gas	740	246	38	49	7	Q	16
Propane	144	40	Q	14	Q	Q	Q
Energy end uses (more than one may apply)							
Buildings with space heating	4,722	359	160	153	9	144	81
Buildings with cooling	4,461	358	165	145	10	145	74
Buildings with water heating	4,423	379	177	158	10	146	80
Buildings with cooking	1,589	353	111	94	9	13	56
Buildings with manufacturing	259	Q	Q	Q	Q	Q	N
Buildings with electricity generation	410	Q	16	34	9	19	59
Percent of floorspace heated							
Not heated	835	Q	Q	Q	Q	Q	Q
1 to 50	697	37	Q	Q	Q	Q	Q
51 to 99	727	63	46	15	1	12	Q
100	3,298	260	105	128	8	121	66
Percent of floorspace cooled							
Not cooled	1,096	Q	Q	Q	N	Q	Q
1 to 50	1,173	41	Q	11	Q	Q	32
51 to 99	897	85	46	37	2	29	16
100	2,391	233	99	97	7	107	26
Percent lit when open							
Zero	70	N	N	Q	N	N	N
1 to 50	1,099	57	Q	51	Q	Q	Q
51 to 99	1,666	104	54	47	3	65	24
100	2,222	219	104	60	7	67	32
Building never open/electricity not used	501	N	N	N	N	N	Q

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					In-patient	Out-patient	
All buildings	5,557	380	177	158	10	147	84
Percent lit during off hours							
Zero	2,489	136	Q	Q	Q	67	Q
1 to 50	2,441	214	99	91	6	79	46
51 to 100	202	26	28	35	3	Q	Q
Building always open with no "off hours"	102	Q	Q	16	1	N	Q
Electricity not used	323	N	N	N	N	N	N
Heating equipment (more than one may apply)							
Heat pumps	628	32	Q	39	2	21	Q
Furnaces	755	53	Q	21	(*)	22	Q
Individual space heaters	1,247	52	31	60	2	29	24
District heat	48	Q	N	4	1	Q	Q
Boilers	544	23	Q	38	6	17	14
Packaged heating units	2,802	251	111	55	5	97	43
Other	62	Q	Q	Q	Q	N	Q
Cooling equipment (more than one may apply)							
Residential-type central air conditioners	1,546	110	64	34	Q	57	23
Heat pumps	692	37	Q	36	2	26	Q
Individual air conditioners	709	48	Q	71	2	Q	Q
District chilled water	54	Q	N	Q	1	Q	Q
Central chillers	163	Q	Q	11	6	10	4
Packaged air conditioning units	1,909	188	76	40	6	66	32
Swamp coolers	109	21	Q	Q	Q	Q	Q
Other	Q	N	N	Q	Q	Q	Q
Main equipment replaced since 1990 (more than one may apply)							
Heating	1,874	156	44	74	4	57	25
Cooling	1,971	172	57	80	5	70	26
Water-heating equipment							
Centralized system	3,348	307	155	132	6	118	72
Distributed system	690	33	Q	7	Q	21	Q
Combination of centralized and distributed system	385	39	Q	19	2	Q	Q

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All buildings	5,557	380	177	158	10	147	84
Lighting equipment types (more than one may apply)							
Incandescent	1,826	174	49	68	7	62	22
Standard fluorescent	4,649	352	169	125	10	139	72
Compact fluorescent	2,302	237	69	132	9	80	37
High-intensity discharge (HID)	525	17	Q	18	4	11	8
Halogen	905	91	23	37	4	33	10
LED	473	42	27	23	4	13	Q
Other	10	Q	N	Q	Q	N	N
Refrigeration equipment (more than one may apply)							
Any refrigeration	3,984	380	175	144	10	132	78
Walk-in units	811	293	145	37	8	Q	Q
Cases or cabinets	915	260	140	34	6	11	Q
Large cold storage areas	78	Q	19	Q	1	Q	Q
Commercial ice makers	846	259	85	61	9	9	21
Residential-type or compact units	3,388	201	58	126	9	131	71
Vending machines	960	42	44	68	9	27	24
No refrigeration	1,573	N	Q	Q	N	Q	Q
Office equipment (more than one may apply)							
Desktop computers	3,977	264	126	107	10	146	75
With flat screen monitors	3,847	246	121	103	10	146	73
With multiple monitors	911	42	Q	11	6	35	22
Laptop computers	2,730	142	59	85	9	101	56
Dedicated servers	1,748	85	55	47	8	88	24
Laser printers	2,339	108	73	66	8	103	36
Inkjet printers	2,187	180	59	55	5	75	44
FAX machines	3,185	182	107	85	9	128	50
Photocopiers	2,163	49	40	61	9	97	36
Number of desktop computers							
None	1,581	116	51	51	N	Q	Q
1 to 4	2,039	230	102	52	N	51	50
5 to 9	821	31	Q	20	Q	31	Q
10 to 19	482	Q	Q	11	Q	31	Q
20 to 49	355	Q	Q	19	Q	19	Q
50 to 99	143	N	N	3	Q	9	Q
100 to 249	92	N	N	Q	3	3	Q
250 or more	44	N	N	Q	4	1	Q

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All buildings	5,557	380	177	158	10	147	84
Number of laptop computers							
None	2,827	238	118	73	Q	46	27
1 to 4	1,944	132	56	44	Q	59	42
5 to 9	350	Q	Q	13	Q	22	Q
10 to 19	181	Q	N	7	2	13	Q
20 to 49	144	N	N	7	1	4	Q
50 to 99	58	N	N	Q	1	Q	Q
100 to 249	35	N	N	Q	1	Q	Q
250 or more	20	N	N	Q	1	Q	Q
Number of dedicated servers							
None	3,809	294	121	111	1	59	60
1 to 4	1,562	82	55	44	3	82	19
5 to 9	97	Q	N	Q	1	Q	Q
10 to 19	50	N	N	Q	1	Q	Q
20 to 49	25	N	N	Q	1	Q	Q
50 or more	13	N	N	Q	2	Q	Q
Number of photocopiers							
None	3,394	331	137	97	Q	50	48
One	1,325	42	35	35	Q	55	24
2 to 4	648	Q	Q	22	Q	33	Q
5 to 9	116	N	Q	2	2	Q	Q
10 or more	75	N	N	1	5	6	4
Number of TVs or video displays							
None	2,718	111	80	Q	Q	42	Q
One	1,145	78	50	Q	N	33	Q
2 to 4	1,035	114	35	16	Q	48	30
5 to 9	314	56	Q	Q	Q	18	Q
10 to 19	154	16	Q	16	Q	Q	Q
20 to 49	106	Q	Q	27	1	2	Q
50 to 99	48	Q	N	25	3	Q	Q
100 or more	37	N	N	28	4	Q	Q
Food preparation or serving areas in non-food service buildings (more than one may apply)							
Snack bar or concession stand	153	N	40	7	2	Q	Q
Fast food or small restaurant	173	N	41	6	(*)	Q	Q
Cafeteria or large restaurant	130	N	Q	13	6	Q	Q
Commercial kitchen/food preparation area	282	N	18	46	5	Q	9
Small kitchen area	736	N	33	50	3	12	48

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All buildings	5,557	380	177	158	10	147	84
Separate computer areas (more than one may apply)							
Data center or server farm	97	Q	N	2	4	Q	Q
Computer-based training room	244	Q	Q	5	5	5	Q
Student or public computer center	238	Q	Q	19	2	Q	Q
HVAC conservation features (more than one may apply)							
Economizer cycle	601	51	Q	19	6	23	12
Regular HVAC maintenance	3,178	260	115	110	9	104	55
Building automation system (BAS) ²	781	38	29	19	7	33	13
Window and interior lighting features (more than one may apply)							
Multipaned windows	3,012	232	96	102	8	101	56
Tinted window glass	1,875	135	62	47	7	67	29
Reflective window glass	549	33	Q	10	3	21	Q
External overhangs or awnings	1,867	198	86	62	4	65	13
Skylights or atriums	591	19	Q	20	3	21	Q
Light scheduling	918	73	38	28	2	23	10
Occupancy sensors	813	43	28	27	6	24	18
Multi-level lighting or dimming	349	58	Q	17	2	Q	Q
Daylight harvesting	125	Q	Q	Q	1	Q	Q
Demand responsive lighting	176	Q	Q	Q	Q	Q	Q
Building automation system (BAS) for lighting ²	208	Q	Q	2	(*)	Q	Q
Equipment usage reduced when building not in full use (more than one may apply)							
Heating	3,699	286	80	75	4	120	44
Cooling	3,517	286	77	70	4	122	46
Lighting	4,757	358	141	123	8	147	62

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.

(*) = 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.