

Release date: February 2015

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**Table B15. Employment size category, number of buildings, 2012**

	Number of buildings (thousand)							
	Number of workers							
	All buildings	Fewer than 5 workers	5 to 9 workers	10 to 19 workers	20 to 49 workers	50 to 99 workers	100 to 249 workers	250 or more workers
<b>All buildings</b>	5,557	2,892	1,085	731	513	206	93	37
<b>Building floorspace (square feet)</b>								
1,001 to 5,000	2,777	1,984	547	217	30	N	N	N
5,001 to 10,000	1,229	550	331	239	108	Q	N	N
10,001 to 25,000	884	279	159	195	202	41	Q	Q
25,001 to 50,000	332	52	39	58	100	64	18	Q
50,001 to 100,000	199	21	7	17	56	62	33	4
100,001 to 200,000	90	5	Q	4	14	32	19	13
200,001 to 500,000	38	Q	Q	Q	2	6	15	12
Over 500,000	8	Q	Q	Q	Q	Q	1	6
<b>Principal building activity</b>								
Education	389	122	71	50	82	45	17	3
Food sales	177	118	32	Q	Q	Q	Q	N
Food service	380	136	119	88	35	N	Q	N
Health care	157	Q	60	32	21	9	9	5
Inpatient	10	N	N	N	Q	Q	2	4
Outpatient	147	Q	60	32	20	7	7	1
Lodging	158	73	29	22	18	10	5	1
Mercantile	602	265	132	95	72	27	10	2
Retail (other than mall)	438	251	89	59	26	9	Q	Q
Enclosed and strip malls	164	Q	42	37	45	18	6	1
Office	1,012	320	254	168	144	70	34	22
Public assembly	352	230	65	32	15	6	2	1
Public order and safety	84	Q	Q	Q	Q	9	Q	Q
Religious worship	412	296	61	42	11	Q	Q	N
Service	619	398	119	61	30	Q	Q	Q
Warehouse and storage	796	528	104	89	54	12	7	2
Other	125	75	Q	Q	Q	Q	Q	Q
Vacant	296	283	Q	Q	Q	Q	Q	Q
<b>Year constructed</b>								
Before 1920	362	235	60	37	20	6	4	1
1920 to 1945	488	324	87	30	28	13	5	2
1946 to 1959	599	380	96	59	32	25	6	2
1960 to 1969	639	316	133	81	68	26	12	2
1970 to 1979	684	329	145	107	65	21	12	6
1980 to 1989	915	435	178	131	105	38	19	9
1990 to 1999	845	421	168	124	85	30	12	6
2000 to 2003	375	171	73	57	43	17	10	4
2004 to 2007	347	158	70	54	37	18	8	2
2008 to 2012	303	123	76	50	30	13	7	2

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<b>Census region</b>								
Northeast	805	414	154	106	68	31	21	10
Midwest	1,237	715	224	129	104	41	18	7
South	2,247	1,163	448	297	198	97	32	11
West	1,267	600	259	200	143	36	22	8
<b>Climate region<sup>1</sup></b>								
Very cold/Cold	2,031	1,099	383	247	183	71	35	13
Mixed-humid	1,743	943	312	227	152	69	29	12
Mixed-dry/Hot-dry	837	380	189	138	85	25	17	4
Hot-humid	799	392	178	103	73	36	10	6
Marine	147	Q	Q	17	20	5	Q	2
<b>Number of floors</b>								
One	3,836	2,191	767	475	282	87	31	3
Two	1,158	494	220	197	152	65	24	6
Three	374	164	77	42	55	21	11	4
Four to nine	177	42	21	16	24	31	27	15
Ten or more	13	Q	Q	Q	Q	1	2	8
<b>Elevators and escalators (more than one may apply)</b>								
Any elevators	405	55	34	53	96	78	56	33
Number of elevators								
One	272	45	31	46	79	46	20	5
Two to five	118	10	Q	7	17	32	33	17
Six or more	16	Q	Q	N	Q	Q	3	12
Any escalators	10	Q	N	Q	Q	Q	1	3
<b>Weekly operating hours</b>								
Fewer than 40	1,149	982	98	46	17	Q	Q	Q
40 to 48	1,346	612	353	191	121	49	18	3
49 to 60	1,244	495	296	212	150	52	26	13
61 to 84	764	278	169	137	115	42	18	6
85 to 167	479	217	84	76	62	28	10	2
Open continuously	575	308	86	70	49	29	21	12
<b>Ownership and occupancy</b>								
Nongovernment owned								
Owner occupied	4,781	2,586	941	613	411	133	68	29
Leased to tenant(s)	2,466	1,418	506	294	165	49	27	8
Owner occupied and leased	1,745	838	345	263	185	69	29	15
Unoccupied	349	108	90	56	60	15	13	6
Government owned								
Federal	221	221	N	N	N	N	N	N
State	776	306	144	118	102	72	25	8
Local	33	Q	Q	Q	Q	Q	Q	1
State	185	77	28	24	23	24	5	3
Local	558	218	111	90	74	44	17	4

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<b>All buildings</b>	5,557	2,892	1,085	731	513	206	93	37
<b>Party responsible for operation and maintenance of energy systems</b>								
Building owner	4,715	2,554	889	586	402	171	80	33
Business owner or tenant	724	295	161	129	98	29	10	3
Property management	54	Q	Q	Q	Q	Q	Q	1
Other	64	Q	Q	Q	Q	Q	Q	Q
<b>Provider of direct input on energy-related equipment purchases</b>								
Building owner	4,876	2,626	932	604	421	177	83	34
Business owner or tenant	540	219	112	106	71	22	8	2
Property management	35	Q	Q	Q	Q	Q	Q	Q
Other	106	34	32	Q	19	Q	Q	Q
<b>Number of establishments</b>								
One	4,205	2,325	846	526	312	127	51	17
2 to 5	862	278	215	171	123	42	25	8
6 to 10	147	Q	21	29	50	16	4	4
11 to 20	68	Q	Q	Q	26	16	7	3
More than 20	27	Q	Q	N	Q	5	7	5
Currently unoccupied	248	248	N	N	N	N	N	N
<b>Energy sources (more than one may apply)</b>								
Electricity	5,234	2,570	1,084	731	513	206	93	37
Natural gas	2,933	1,225	606	498	348	154	74	27
Fuel oil	467	214	73	45	44	39	30	21
District heat	48	Q	Q	Q	11	7	7	7
District chilled water	54	Q	Q	Q	9	9	6	5
Propane	510	286	98	66	40	11	7	2
Other	172	84	36	24	11	9	6	2
<b>Space-heating energy sources (more than one may apply)</b>								
Electricity	2,858	1,217	658	425	341	141	54	22
Natural gas	2,612	1,126	527	434	306	134	64	21
Fuel oil	270	171	43	22	16	11	5	2
District heat	48	Q	Q	Q	11	7	7	6
Propane	342	218	55	40	23	Q	Q	Q
Other	101	63	Q	Q	Q	Q	Q	Q
<b>Primary space-heating energy source</b>								
Electricity	1,819	788	467	269	186	74	24	11
Natural gas	2,322	1,040	451	370	274	112	58	18
Fuel oil	205	136	33	Q	Q	7	2	Q
District heat	47	Q	Q	Q	11	7	7	6
Propane	261	172	46	27	Q	Q	Q	Q
Other	67	41	Q	Q	Q	Q	Q	Q

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<b>Cooling energy sources (more than one may apply)</b>								
Electricity	4,413	1,918	994	696	486	197	87	35
Natural gas	12	Q	N	N	Q	Q	Q	1
District chilled water	54	Q	Q	Q	9	9	6	5
<b>Water-heating energy sources (more than one may apply)</b>								
Electricity	2,658	1,207	606	376	290	115	45	20
Natural gas	1,758	644	354	339	239	110	55	17
Fuel oil	77	39	Q	Q	Q	Q	2	1
District heat	25	Q	Q	Q	5	4	6	5
Propane	142	71	37	23	Q	Q	Q	Q
<b>Cooking energy sources (more than one may apply)</b>								
Electricity	1,010	416	206	163	124	62	25	14
Natural gas	740	243	131	141	121	61	30	13
Propane	144	81	Q	22	Q	5	2	Q
<b>Energy end uses (more than one may apply)</b>								
Buildings with space heating	4,722	2,184	1,020	692	494	203	92	37
Buildings with cooling	4,461	1,932	999	699	498	203	93	37
Buildings with water heating	4,423	1,917	977	700	495	203	93	37
Buildings with cooking	1,589	660	308	271	197	92	40	21
Buildings with manufacturing	259	92	61	42	44	13	5	2
Buildings with electricity generation	410	89	67	65	63	58	45	23
<b>Percent of floorspace heated</b>								
Not heated	835	708	65	39	19	Q	Q	Q
1 to 50	697	366	165	92	57	10	5	1
51 to 99	727	331	153	107	74	41	14	7
100	3,298	1,487	702	493	362	152	74	29
<b>Percent of floorspace cooled</b>								
Not cooled	1,096	960	86	32	15	Q	Q	N
1 to 50	1,173	593	254	175	112	26	12	2
51 to 99	897	321	169	174	130	64	27	12
100	2,391	1,018	576	351	256	114	54	23
<b>Percent lit when open</b>								
Zero	70	68	Q	Q	N	N	N	N
1 to 50	1,099	754	201	83	45	12	3	1
51 to 99	1,666	616	372	284	234	103	44	13
100	2,222	957	508	364	233	90	46	23
Building never open/electricity not used	501	496	Q	N	Q	N	N	N

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<b>Percent lit during off hours</b>								
Zero	2,489	1,484	513	274	156	38	17	7
1 to 50	2,441	954	518	413	319	151	64	23
51 to 100	202	79	37	34	27	12	8	5
Building always open with no "off hours"	102	53	Q	Q	12	5	Q	1
Electricity not used	323	322	Q	N	N	N	N	N
<b>Heating equipment (more than one may apply)</b>								
Heat pumps	628	246	159	85	81	38	13	5
Furnaces	755	330	186	142	69	23	5	1
Individual space heaters	1,247	672	239	149	114	46	18	8
District heat	48	Q	Q	Q	11	7	7	6
Boilers	544	182	79	77	88	58	44	16
Packaged heating units	2,802	1,171	618	458	342	139	55	18
Other	62	Q	Q	Q	10	Q	2	Q
<b>Cooling equipment (more than one may apply)</b>								
Residential-type central air conditioners	1,546	736	379	255	136	30	10	1
Heat pumps	692	272	171	95	96	39	13	6
Individual air conditioners	709	389	127	88	60	23	16	5
District chilled water	54	Q	Q	Q	9	9	6	5
Central chillers	163	23	16	17	28	35	27	19
Packaged air conditioning units	1,909	644	418	353	288	132	53	21
Swamp coolers	109	48	26	Q	8	6	Q	Q
Other	Q	Q	Q	Q	Q	Q	Q	Q
<b>Main equipment replaced since 1990 (more than one may apply)</b>								
Heating	1,874	892	418	248	194	82	31	9
Cooling	1,971	913	440	276	212	83	35	13
<b>Water-heating equipment</b>								
Centralized system	3,348	1,547	777	515	319	122	51	17
Distributed system	690	292	140	118	78	36	20	6
Combination of centralized and distributed system	385	78	61	66	98	46	23	14
<b>Lighting equipment types (more than one may apply)</b>								
Incandescent	1,826	813	364	281	206	98	43	21
Standard fluorescent	4,649	2,102	1,018	703	498	199	92	37
Compact fluorescent	2,302	885	501	385	292	140	66	33
High-intensity discharge (HID)	525	152	108	82	86	53	31	14
Halogen	905	327	180	148	130	70	32	18
LED	473	119	76	89	87	55	30	16
Other	10	Q	Q	Q	Q	Q	Q	Q

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<b>Refrigeration equipment (more than one may apply)</b>								
Any refrigeration	3,984	1,697	899	632	445	190	86	35
Walk-in units	811	229	169	150	139	75	34	16
Cases or cabinets	915	312	203	151	133	59	38	18
Large cold storage areas	78	Q	Q	Q	14	8	7	2
Commercial ice makers	846	232	167	160	141	80	43	23
Residential-type or compact units	3,388	1,449	764	532	379	162	72	30
Vending machines	960	195	169	159	205	132	69	31
No refrigeration	1,573	1,195	187	99	68	16	8	2
<b>Office equipment (more than one may apply)</b>								
Desktop computers	3,977	1,509	964	673	498	203	93	36
With flat screen monitors	3,847	1,406	949	665	496	203	93	36
With multiple monitors	911	174	190	171	205	84	59	28
Laptop computers	2,730	946	586	480	410	185	87	36
Dedicated servers	1,748	345	394	385	343	167	79	34
Laser printers	2,339	703	586	428	364	156	72	30
Inkjet printers	2,187	958	502	381	202	88	43	15
FAX machines	3,185	1,124	755	566	441	181	85	33
Photocopiers	2,163	573	486	421	386	179	84	34
<b>Number of desktop computers</b>								
None	1,581	1,382	121	58	Q	Q	Q	Q
1 to 4	2,039	1,283	468	211	70	Q	Q	Q
5 to 9	821	184	361	184	78	10	Q	Q
10 to 19	482	24	99	214	126	17	Q	Q
20 to 49	355	Q	32	57	161	70	17	Q
50 to 99	143	N	Q	Q	43	72	16	2
100 to 249	92	Q	N	Q	18	23	43	8
250 or more	44	N	N	Q	Q	8	11	23
<b>Number of laptop computers</b>								
None	2,827	1,946	499	251	103	21	7	Q
1 to 4	1,944	884	502	348	171	32	7	Q
5 to 9	350	41	69	98	102	30	8	Q
10 to 19	181	Q	Q	24	72	49	17	3
20 to 49	144	Q	Q	Q	52	47	26	6
50 to 99	58	Q	Q	Q	8	18	15	7
100 to 249	35	Q	Q	Q	Q	7	10	7
250 or more	20	Q	Q	Q	Q	Q	4	11

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<b>Number of dedicated servers</b>								
None	3,809	2,546	691	347	170	38	15	3
1 to 4	1,562	340	389	371	300	119	35	9
5 to 9	97	Q	Q	Q	27	30	19	4
10 to 19	50	Q	Q	Q	Q	13	14	7
20 to 49	25	N	N	Q	Q	5	9	6
50 or more	13	Q	N	Q	Q	Q	Q	8
<b>Number of photocopiers</b>								
None	3,394	2,319	599	310	127	26	10	3
One	1,325	516	377	267	134	26	5	Q
2 to 4	648	56	106	148	210	99	25	4
5 to 9	116	Q	Q	Q	33	40	28	6
10 or more	75	N	N	Q	Q	14	26	23
<b>Number of TVs or video displays</b>								
None	2,718	1,798	499	235	138	35	10	2
One	1,145	602	257	175	83	24	Q	Q
2 to 4	1,035	367	224	224	142	54	21	4
5 to 9	314	78	69	62	57	24	18	6
10 to 19	154	24	Q	13	50	26	14	9
20 to 49	106	Q	Q	Q	28	26	14	5
50 to 99	48	Q	Q	7	9	8	10	3
100 or more	37	Q	Q	5	7	8	4	7
<b>Food preparation or serving areas in non-food service buildings (more than one may apply)</b>								
Snack bar or concession stand	153	57	Q	26	21	18	12	6
Fast food or small restaurant	173	27	33	36	39	20	11	7
Cafeteria or large restaurant	130	Q	Q	9	37	43	18	12
Commercial kitchen/food preparation area	282	87	19	43	61	44	20	8
Small kitchen area	736	387	130	108	66	27	13	6
<b>Separate computer areas (more than one may apply)</b>								
Data center or server farm	97	Q	Q	Q	18	19	22	16
Computer-based training room	244	Q	31	35	68	51	25	16
Student or public computer center	238	38	30	34	64	46	21	6
<b>HVAC conservation features (more than one may apply)</b>								
Economizer cycle	601	132	93	94	128	83	48	24
Regular HVAC maintenance	3,178	1,171	690	549	449	190	92	37
Building automation system (BAS) <sup>2</sup>	781	198	146	109	144	93	62	29

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<b>Window and interior lighting features (more than one may apply)</b>								
Multipaned windows	3,012	1,253	664	488	351	157	72	28
Tinted window glass	1,875	685	412	301	264	125	62	26
Reflective window glass	549	180	124	87	80	42	23	13
External overhangs or awnings	1,867	781	433	306	214	87	33	12
Skylights or atriums	591	187	117	94	100	55	26	12
Light scheduling	918	271	205	163	140	79	38	21
Occupancy sensors	813	167	153	149	160	103	56	25
Multi-level lighting or dimming	349	89	57	61	76	38	19	9
Daylight harvesting	125	35	28	Q	25	14	10	4
Demand responsive lighting	176	64	30	31	28	16	6	1
Building automation system (BAS) for lighting <sup>2</sup>	208	38	43	33	42	28	16	9
<b>Equipment usage reduced when building not in full use (more than one may apply)</b>								
Heating	3,699	1,678	792	557	401	165	77	29
Cooling	3,517	1,497	789	562	397	166	77	29
Lighting	4,757	2,200	1,046	702	489	197	87	36

<sup>1</sup>These 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).

<sup>2</sup>In 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.