

Table C18. Electricity consumption and conditional energy intensity by Census division (part 2), 2012

	Total electricity consumption (billion kWh)			Total floorspace of buildings using electricity (million square feet)			Electricity energy intensity (kWh/square foot)		
	West North Central	South Atlantic	East South Central	West North Central	South Atlantic	East South Central	West North Central	South Atlantic	East South Central
All buildings	75	287	71	6,016	17,608	4,824	12.5	16.3	14.6
Building floorspace (square feet)									
1,001 to 5,000	9	35	11	718	1,450	589	12.3	24.3	19.5
5,001 to 10,000	7	24	7	767	1,666	594	8.8	14.3	11.5
10,001 to 25,000	10	34	13	1,051	2,577	769	9.8	13.3	16.8
25,001 to 50,000	10	36	8	958	2,257	490	10.5	15.8	16.6
50,001 to 100,000	15	48	10	920	3,049	985	16.3	15.8	10.3
100,001 to 200,000	8	40	8	628	2,817	577	13.1	14.1	13.4
200,001 to 500,000	10	38	8	597	2,089	503	16.8	18.0	16.4
Over 500,000	6	32	5	376	1,702	Q	15.3	19.0	16.4
Principal building activity									
Education	13	36	7	968	2,840	469	13.0	12.5	14.2
Food sales	Q	11	Q	Q	188	Q	Q	56.5	Q
Food service	6	20	6	153	396	150	36.2	50.9	40.5
Health care	8	19	8	313	662	271	24.8	28.3	28.7
Inpatient	4	13	6	137	405	184	29.2	31.7	34.3
Outpatient	Q	6	Q	176	257	Q	21.3	23.1	Q
Lodging	7	22	7	384	1,217	486	17.0	18.3	15.0
Mercantile	7	56	13	644	2,746	736	11.6	20.3	18.0
Retail (other than mall)	3	16	Q	394	1,052	Q	7.3	15.0	Q
Enclosed and strip malls	5	40	Q	250	1,694	Q	18.5	23.5	Q
Office	13	48	12	904	3,183	694	14.1	15.1	16.9
Public assembly	5	16	3	390	904	330	13.3	18.2	10.0
Public order and safety	Q	Q	Q	Q	Q	Q	Q	Q	Q
Religious worship	1	6	3	378	857	614	3.6	6.9	5.2
Service	4	9	3	613	741	318	6.7	11.7	8.9
Warehouse and storage	6	19	3	891	2,706	Q	6.5	7.1	6.0
Other	Q	18	Q	Q	568	Q	Q	32.3	Q
Vacant	Q	2	Q	Q	299	Q	Q	5.6	Q
Year constructed									
Before 1920	2	6	3	380	425	Q	6.1	14.9	9.6
1920 to 1945	3	8	4	370	650	215	8.5	12.2	17.8
1946 to 1959	6	16	4	502	1,424	265	12.4	11.4	16.2
1960 to 1969	14	34	7	1,186	1,675	682	11.5	20.2	10.6
1970 to 1979	11	27	9	724	1,671	555	15.8	16.3	16.6
1980 to 1989	11	60	18	947	3,535	938	11.9	17.1	19.1
1990 to 1999	11	47	16	817	2,689	1,182	13.2	17.4	13.9
2000 to 2003	6	29	3	405	1,919	208	14.2	15.3	13.2
2004 to 2007	5	29	4	375	1,909	312	12.9	15.3	12.1
2008 to 2012	6	Q	Q	310	1,711	Q	17.9	17.2	Q

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All buildings	75	287	71	6,016	17,608	4,824	12.5	16.3	14.6
Climate region¹									
Very cold/Cold	53	N	N	4,369	N	N	12.1	N	N
Mixed-humid	22	203	51	1,647	13,073	3,761	13.5	15.6	13.6
Mixed-dry/Hot-dry	N	N	N	N	N	N	N	N	N
Hot-humid	N	83	Q	N	4,534	Q	N	18.3	18.4
Marine	N	N	N	N	N	N	N	N	N
Number of floors									
One	27	133	40	2,555	8,880	2,588	10.6	15.0	15.5
Two	19	59	12	1,654	3,762	1,066	11.3	15.7	11.6
Three	12	19	5	881	992	344	13.8	19.5	14.9
Four to nine	15	56	10	814	2,913	694	18.4	19.4	14.6
Ten or more	Q	18	Q	Q	1,061	Q	Q	17.3	Q
Elevators and escalators (more than one may apply)									
Any elevators	34	119	21	2,097	6,471	1,206	16.4	18.4	17.1
Number of elevators									
One	13	28	7	949	1,948	440	13.8	14.6	15.7
Two to five	14	57	6	788	2,825	447	17.2	20.2	14.3
Six or more	8	34	7	359	1,697	320	21.7	19.8	22.8
Any escalators	Q	14	Q	Q	646	Q	Q	20.9	Q
Number of workers (main shift)									
Fewer than 5	10	32	11	1,461	2,660	1,186	7.1	12.0	9.4
5 to 9	9	24	6	800	1,751	491	10.8	13.7	11.9
10 to 19	8	32	11	648	1,935	573	13.0	16.8	19.5
20 to 49	13	48	11	1,102	3,001	964	12.1	16.1	11.6
50 to 99	10	62	14	614	3,490	764	16.2	17.9	18.1
100 to 249	12	44	9	766	2,622	447	16.1	16.9	19.5
250 or more	12	43	9	626	2,150	399	18.9	20.2	21.8
Weekly operating hours									
Fewer than 40	4	4	3	600	897	618	6.0	4.9	5.4
40 to 48	8	29	12	1,051	2,852	1,269	7.7	10.3	9.7
49 to 60	17	60	11	1,620	5,083	876	10.8	11.9	12.3
61 to 84	14	62	10	1,037	3,440	476	13.9	17.9	20.2
85 to 167	16	48	11	818	1,846	503	19.4	25.7	21.0
Open continuously	15	83	24	890	3,490	1,082	17.3	23.8	22.2

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All buildings	75	287	71	6,016	17,608	4,824	12.5	16.3	14.6
Predominant roof material									
Metal surfacing	13	44	15	1,542	3,650	1,344	8.3	12.0	11.1
Synthetic or rubber	28	84	24	2,120	4,367	1,352	13.4	19.3	17.4
Built-up	18	77	15	1,083	4,659	865	16.4	16.6	17.4
Slate or tile shingles	Q	16	Q	Q	1,046	Q	Q	15.2	Q
Wooden materials (including shingles)	Q	5	Q	Q	268	Q	Q	17.4	Q
Asphalt, fiberglass, or other shingles	14	47	12	1,049	2,941	986	13.1	15.9	12.5
Concrete	Q	11	Q	Q	490	Q	Q	23.0	Q
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q
No one major type	Q	Q	Q	Q	Q	Q	Q	Q	Q
Roof characteristics									
Roof tilt									
Flat	45	179	34	3,047	9,914	2,015	14.7	18.0	16.9
Shallow pitch	20	72	28	1,819	5,205	1,773	11.3	13.9	15.6
Steeper pitch	10	36	9	1,150	2,488	1,036	8.3	14.3	8.6
Cool roof	18	68	19	1,121	3,858	1,331	16.2	17.6	14.3
Renovations in buildings constructed before 2008 (more than one may apply)									
Any type of renovation	43	118	43	3,431	7,183	2,728	12.6	16.4	15.9
Addition or annex	22	39	12	1,580	2,328	778	13.6	16.7	15.9
Reduction in floorspace	Q	9	Q	Q	344	Q	Q	26.1	Q
Roof replacement	29	50	29	2,118	2,842	1,638	13.6	17.5	17.5
Exterior wall replacement	8	17	5	468	767	299	16.3	21.7	16.3
Interior wall reconfiguration	23	64	22	1,625	3,316	1,214	14.2	19.2	18.5
Window replacement	12	37	10	1,013	2,079	583	12.3	17.8	17.3
HVAC equipment upgrade	28	78	25	1,967	4,547	1,431	14.0	17.2	17.5
Lighting upgrade	29	70	25	1,989	4,135	1,440	14.5	17.0	17.2
Electrical upgrade	20	49	16	1,378	2,555	979	14.9	19.3	16.8
Plumbing system upgrade	17	42	11	1,153	2,355	821	15.0	17.8	13.8
Insulation upgrade	14	24	5	929	1,150	409	15.2	21.2	11.9
Fire, safety, or security upgrade	20	53	14	1,201	2,773	899	16.7	19.0	15.8
Structural upgrade	5	16	Q	258	695	Q	20.8	23.5	Q
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q
No renovations	26	139	25	2,275	8,714	1,895	11.5	16.0	12.9
Buildings constructed 2008 or later	6	Q	Q	310	1,711	Q	17.9	17.2	Q

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All buildings	75	287	71	6,016	17,608	4,824	12.5	16.3	14.6
Energy sources (more than one may apply)									
Electricity	75	287	71	6,016	17,608	4,824	12.5	16.3	14.6
Natural gas	54	176	51	4,236	9,984	3,436	12.7	17.6	14.9
Fuel oil	22	92	16	1,316	4,419	797	16.8	20.7	19.8
District heat	6	18	5	332	1,159	Q	19.5	15.8	Q
District chilled water	Q	19	6	Q	1,202	Q	Q	15.8	Q
Propane	13	20	6	1,064	1,476	470	12.2	13.8	12.3
Other	2	9	Q	251	554	Q	9.5	15.9	Q
Space-heating energy sources									
Electricity	40	214	48	2,951	12,514	3,170	13.7	17.1	15.0
Electricity main	18	152	31	1,281	8,533	1,982	14.3	17.8	15.6
Electricity secondary	22	62	17	1,670	3,982	1,188	13.1	15.7	14.2
Other excluding electricity	34	47	22	2,849	3,369	1,523	11.9	14.0	14.3
Buildings without heating	1	25	Q	217	1,724	Q	3.3	14.6	Q
Primary space-heating energy source									
Electricity	18	152	31	1,281	8,533	1,982	14.3	17.8	15.6
Natural gas	42	87	32	3,497	5,694	2,067	12.1	15.4	15.3
Fuel oil	Q	2	Q	Q	245	Q	Q	9.6	Q
District heat	6	18	5	332	1,089	Q	19.5	16.1	Q
Propane	6	2	Q	517	307	193	11.3	7.0	Q
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q
Cooling energy sources									
Electricity	71	274	66	5,352	16,368	4,307	13.2	16.7	15.3
Other excluding electricity	Q	10	Q	Q	726	Q	Q	14.4	Q
Buildings without cooling	2	3	Q	548	514	Q	3.8	5.0	Q
Water-heating energy sources									
Electricity	36	182	41	3,020	11,163	2,900	12.1	16.3	14.0
Other excluding electricity	36	94	28	2,490	4,981	1,698	14.4	18.9	16.6
Buildings without water heating	3	10	2	506	1,463	226	5.0	7.0	8.1
Cooking energy sources									
Electricity	33	102	28	1,949	5,446	1,544	16.8	18.7	18.0
Other excluding electricity	10	59	12	602	2,479	711	16.1	23.6	17.5
Buildings without cooking	33	126	30	3,465	9,683	2,569	9.4	13.1	11.8
Energy end uses (more than one may apply)									
Buildings with space heating	74	261	70	5,800	15,883	4,692	12.8	16.5	14.8
Buildings with cooling	73	284	70	5,469	17,094	4,710	13.3	16.6	14.8
Buildings with water heating	72	276	69	5,510	16,144	4,598	13.1	17.1	15.0
Buildings with cooking	42	160	40	2,551	7,925	2,255	16.6	20.2	17.8
Buildings with manufacturing	3	7	Q	365	821	Q	7.8	8.2	Q
Buildings with electricity generation	25	125	22	1,445	5,901	1,075	17.2	21.1	20.4

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	West North Central	South Atlantic	East South Central	West North Central	South Atlantic	East South Central	West North Central	South Atlantic	
All buildings	75	287	71	6,016	17,608	4,824	12.5	16.3	14.6
Percent of floorspace heated									
Not heated	1	25	Q	217	1,724	Q	3.3	14.6	Q
1 to 50	Q	26	4	560	2,193	469	7.3	11.9	8.3
51 to 99	8	53	17	694	3,098	1,236	11.7	17.1	13.6
100	62	182	49	4,545	10,592	2,987	13.6	17.2	16.3
Percent of floorspace cooled									
Not cooled	2	3	Q	548	514	Q	3.8	5.0	Q
1 to 50	11	27	6	1,451	3,237	969	7.9	8.3	6.7
51 to 99	19	85	23	1,289	4,695	1,642	14.4	18.2	13.9
100	43	172	41	2,728	9,162	2,098	15.7	18.8	19.3
Percent lit when open									
Zero	Q	Q	Q	Q	Q	Q	Q	Q	Q
1 to 50	11	27	7	1,030	2,375	817	10.4	11.5	8.3
51 to 99	33	123	25	2,315	7,284	1,665	14.2	16.9	15.1
100	30	136	39	2,472	7,734	2,233	12.3	17.6	17.3
Building never open/electricity not used	Q	(*)	Q	Q	154	Q	Q	2.1	Q
Percent lit during off hours									
Zero	17	48	12	2,183	4,457	1,460	7.9	10.7	8.1
1 to 50	49	192	43	3,534	11,570	2,771	14.0	16.6	15.4
51 to 100	6	35	10	234	1,118	381	24.6	30.9	26.2
Building always open with no "off hours"	Q	12	Q	Q	462	Q	Q	26.5	Q
Electricity not used	N	N	N	N	N	N	N	N	N
Heating equipment (more than one may apply)									
Heat pumps	6	77	12	436	4,909	844	12.7	15.6	14.4
Furnaces	8	17	8	755	1,234	530	11.0	14.1	15.5
Individual space heaters	24	43	15	2,051	3,328	1,295	11.8	13.0	11.3
District heat	6	18	5	332	1,148	Q	19.5	15.6	Q
Boilers	23	58	18	1,583	3,247	1,077	14.8	17.8	16.9
Packaged heating units	45	178	48	3,547	10,168	3,136	12.8	17.5	15.2
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q
Cooling equipment (more than one may apply)									
Residential-type central air conditioners	14	39	13	1,493	2,574	891	9.3	15.0	14.6
Heat pumps	6	79	11	421	4,925	839	14.7	16.0	13.5
Individual air conditioners	10	34	11	779	2,484	808	12.7	13.9	13.2
District chilled water	Q	19	6	Q	1,202	Q	Q	15.8	Q
Central chillers	21	82	15	991	3,884	831	21.3	21.0	18.2
Packaged air conditioning units	41	162	43	2,977	9,119	2,686	13.7	17.8	15.8
Swamp coolers	N	5	N	N	226	N	N	23.1	N
Other	Q	Q	N	Q	Q	N	Q	Q	N

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All buildings	75	287	71	6,016	17,608	4,824	12.5	16.3	14.6
Main equipment replaced since 1990 (more than one may apply)									
Heating	28	84	26	2,482	5,204	1,616	11.3	16.1	16.1
Cooling	32	102	30	2,591	6,455	1,755	12.3	15.8	16.9
Water-heating equipment									
Centralized system	47	158	44	3,710	8,889	2,745	12.8	17.7	15.9
Distributed system	7	40	4	663	3,030	437	10.1	13.3	9.9
Combination of centralized and distributed system	18	79	21	1,137	4,226	1,416	16.0	18.6	14.6
Lighting equipment types (more than one may apply)									
Incandescent	41	138	35	2,858	7,828	2,468	14.4	17.7	14.2
Standard fluorescent	72	274	69	5,634	16,888	4,573	12.8	16.2	15.0
Compact fluorescent	53	206	46	3,505	10,855	2,923	15.2	18.9	15.6
High-intensity discharge (HID)	22	93	20	1,255	5,325	1,182	17.7	17.5	17.0
Halogen	23	121	24	1,578	6,161	1,349	14.8	19.6	17.4
LED	23	98	21	1,389	4,553	1,232	16.3	21.6	17.4
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q
Refrigeration equipment (more than one may apply)									
Any refrigeration	70	265	68	5,196	15,268	4,498	13.5	17.3	15.1
Walk-in units	36	146	31	1,850	6,399	1,199	19.3	22.9	26.2
Cases or cabinets	37	125	31	1,983	5,711	1,596	18.5	21.9	19.6
Large cold storage areas	Q	27	Q	Q	1,049	Q	Q	25.7	Q
Commercial ice makers	39	163	43	1,932	7,957	2,457	20.3	20.5	17.3
Residential-type or compact units	57	213	48	4,407	13,129	3,747	12.9	16.2	12.9
Vending machines	45	169	45	2,988	9,706	2,702	14.9	17.4	16.6
No refrigeration	5	22	3	820	2,340	326	5.8	9.4	Q
Office equipment (more than one may apply)									
Desktop computers	72	274	65	5,301	16,255	4,236	13.5	16.8	15.4
With flat screen monitors	71	267	65	5,192	16,079	4,156	13.7	16.6	15.6
With multiple monitors	34	124	23	2,164	6,888	1,498	15.8	18.0	15.4
Laptop computers	60	230	51	4,389	13,950	3,421	13.6	16.5	14.9
Dedicated servers	50	201	45	3,378	11,468	2,897	14.7	17.5	15.6
Laser printers	51	205	45	3,624	11,789	2,681	14.1	17.3	16.8
Inkjet printers	30	120	27	2,521	7,724	1,954	12.0	15.6	13.9
FAX machines	62	243	55	4,484	14,307	3,404	13.7	17.0	16.1
Photocopiers	55	207	47	3,942	12,279	3,057	13.9	16.9	15.5

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All buildings	75	287	71	6,016	17,608	4,824	12.5	16.3	14.6
Number of desktop computers									
None	3	13	5	715	1,352	588	4.7	9.7	8.9
1 to 4	13	52	13	1,299	3,318	911	10.0	15.5	14.7
5 to 9	8	32	8	730	1,723	649	11.6	18.4	12.1
10 to 19	7	29	8	522	1,903	649	12.8	15.1	12.6
20 to 49	13	50	13	958	2,966	758	13.7	16.8	16.8
50 to 99	6	25	8	452	1,713	456	13.6	14.6	18.1
100 to 249	12	41	6	634	2,156	410	19.0	18.8	15.5
250 or more	12	46	9	706	2,476	403	17.1	18.7	21.4
Number of laptop computers									
None	15	56	19	1,628	3,657	1,402	9.4	15.4	13.9
1 to 4	18	63	17	1,785	4,218	1,281	10.2	14.9	13.0
5 to 9	6	34	6	415	2,003	452	14.2	16.9	12.7
10 to 19	6	32	10	414	1,994	489	14.9	15.9	21.1
20 to 49	13	39	7	811	2,362	505	16.2	16.5	13.8
50 to 99	5	13	5	334	809	244	16.4	15.5	19.1
100 to 249	Q	22	Q	Q	1,078	Q	Q	20.2	Q
250 or more	6	29	Q	319	1,487	Q	20.1	19.4	Q
Number of dedicated servers									
None	25	86	26	2,639	6,139	1,926	9.6	13.9	13.3
1 to 4	27	129	23	2,145	7,735	1,785	12.6	16.6	13.2
5 to 9	8	18	6	504	1,063	414	15.5	16.9	14.6
10 to 19	7	21	Q	343	1,286	Q	19.4	16.2	Q
20 to 49	Q	14	Q	Q	696	Q	Q	19.4	Q
50 or more	Q	20	Q	Q	688	Q	Q	29.5	Q
Number of photocopiers									
None	20	79	23	2,075	5,329	1,767	9.8	14.9	13.1
One	16	49	11	1,216	3,397	816	13.0	14.4	13.0
2 to 4	18	67	17	1,581	4,073	1,247	11.4	16.5	14.0
5 to 9	8	34	9	523	1,943	456	14.5	17.6	18.8
10 or more	13	57	11	621	2,865	538	21.3	20.0	20.1
Number of TVs or video displays									
None	15	47	12	1,699	4,343	1,052	8.7	10.8	11.7
One	6	28	8	806	2,162	740	7.9	12.8	10.3
2 to 4	13	58	16	1,167	3,192	964	10.8	18.0	16.3
5 to 9	9	28	8	611	1,524	637	14.3	18.5	13.2
10 to 19	13	31	7	760	1,558	435	17.6	19.8	16.0
20 to 49	8	37	9	470	1,973	401	16.0	19.0	22.1
50 to 99	Q	24	Q	Q	1,213	Q	Q	19.8	Q
100 or more	8	34	8	357	1,643	Q	21.8	20.7	18.7

Table C18. Electricity consumption and conditional energy intensity by Census division (part 2), 2012

	Total electricity consumption (billion kWh)			Total floorspace of buildings using electricity (million square feet)			Electricity energy intensity (kWh/square foot)		
	West North Central	South Atlantic	East South Central	West North Central	South Atlantic	East South Central	West North Central	South Atlantic	East South Central
All buildings	75	287	71	6,016	17,608	4,824	12.5	16.3	14.6
Food preparation or serving areas in non-food service buildings (more than one may apply)									
Snack bar or concession stand	11	53	6	630	2,550	329	17.8	20.9	17.7
Fast food or small restaurant	12	55	15	476	2,135	609	25.3	25.6	24.4
Cafeteria or large restaurant	18	65	12	1,003	3,709	613	17.7	17.6	19.3
Commercial kitchen/food preparation area	17	72	16	993	3,867	722	17.4	18.7	21.7
Small kitchen area	13	48	12	1,130	2,551	1,072	11.2	18.7	11.6
Separate computer areas (more than one may apply)									
Data center or server farm	15	47	9	745	2,296	456	20.3	20.6	20.2
Computer-based training room	21	70	17	1,222	3,895	879	17.5	17.9	19.6
Student or public computer center	16	50	13	1,102	3,187	761	14.7	15.6	17.6
HVAC conservation features (more than one may apply)									
Economizer cycle	39	97	21	2,366	5,286	1,059	16.7	18.4	19.8
Regular HVAC maintenance	63	258	58	4,513	14,891	3,362	14.0	17.3	17.1
Building automation system (BAS) ²	39	160	32	2,350	8,070	1,880	16.6	19.8	16.9
Window and interior lighting features (more than one may apply)									
Multipaned windows	68	215	55	5,130	12,533	3,334	13.2	17.2	16.6
Tinted window glass	42	164	41	2,740	9,692	2,469	15.1	17.0	16.5
Reflective window glass	21	70	14	1,144	2,966	696	18.3	23.4	19.6
External overhangs or awnings	31	147	32	2,307	7,718	2,073	13.2	19.1	15.6
Skylights or atriums	17	79	13	1,275	4,768	904	13.3	16.6	14.3
Light scheduling	27	123	23	1,617	6,195	1,217	16.8	19.9	18.7
Occupancy sensors	32	140	25	1,990	7,130	1,429	16.0	19.7	17.8
Multi-level lighting or dimming	15	71	18	902	3,452	886	16.3	20.5	19.8
Daylight harvesting	7	21	Q	375	999	Q	19.2	21.0	Q
Demand responsive lighting	6	28	Q	406	1,315	Q	15.7	21.0	Q
Building automation system (BAS) for lighting ²	14	58	9	768	2,714	495	18.2	21.5	17.6
Equipment usage reduced when building not in full use (more than one may apply)									
Heating	53	191	44	4,320	12,357	3,581	12.2	15.5	12.4
Cooling	53	210	46	4,121	13,458	3,675	12.8	15.6	12.5
Lighting	71	260	64	5,693	16,417	4,478	12.4	15.8	14.3

Table C18. Electricity consumption and conditional energy intensity by Census division (part 2), 2012

	Total electricity consumption (billion kWh)			Total floorspace of buildings using electricity (million square feet)			Electricity energy intensity (kWh/square foot)		
	West North Central	South Atlantic	East South Central	West North Central	South Atlantic	East South Central	West North Central	South Atlantic	East South Central
All buildings	75	287	71	6,016	17,608	4,824	12.5	16.3	14.6
Annual consumption (kilowatthours)									
10,000 or less	1	1	(*)	413	354	193	1.3	1.4	1.2
10,001 to 50,000	4	8	3	968	1,712	545	4.6	4.8	5.6
50,001 to 100,000	5	14	4	572	1,576	506	8.5	8.9	8.7
100,001 to 500,000	19	68	22	1,442	4,498	1,599	12.9	15.2	13.7
500,001 to 1,000,000	11	38	10	722	2,047	508	14.7	18.4	19.9
1,000,001 to 5,000,000	23	92	19	1,322	4,825	985	17.7	19.1	19.4
Over 5,000,000	12	66	12	578	2,596	488	21.6	25.3	24.1

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 the *Guide to the 2012 CBECS Detailed Tables* or *CBECS Terminology* for definitions 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/> • Site electricity is the amount of electricity delivered to commercial buildings. Primary electricity, which is not included in the *Total of major fuels* category, is site electricity plus the conversion losses in the generation, transmission, and distribution processes. • Statistics for the *Energy end uses* category represent total consumption in buildings that have the end use, not consumption specifically for that particular end use. • HVAC = Heating, ventilation, and air conditioning.

Source: U.S. Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Forms EIA-871A and E of the 2012 Commercial Buildings Energy Consumption Survey.