

Table B26. Space-heating energy sources, number of buildings, 2012

	Number of buildings (thousand)							
	All buildings	Buildings with space heating	Space-heating energy sources used (more than one may apply)					
Electricity			Natural gas	Fuel oil	District heat	Propane		
All buildings	5,557	4,722	2,858	2,612	270	48	342	101
Building floorspace (square feet)								
1,001 to 5,000	2,777	2,257	1,379	1,115	148	Q	180	48
5,001 to 10,000	1,229	1,046	606	595	49	Q	96	29
10,001 to 25,000	884	797	482	494	42	Q	51	Q
25,001 to 50,000	332	304	189	203	15	6	9	Q
50,001 to 100,000	199	187	123	121	9	10	Q	Q
100,001 to 200,000	90	86	54	54	4	9	Q	Q
200,001 to 500,000	38	36	21	25	2	5	Q	Q
Over 500,000	8	8	4	4	(*)	2	Q	Q
Principal building activity								
Education	389	379	214	203	21	12	16	Q
Food sales	177	160	123	63	Q	N	Q	Q
Food service	380	359	202	207	Q	Q	25	Q
Health care	157	153	92	85	6	2	Q	Q
Inpatient	10	9	4	5	2	1	Q	Q
Outpatient	147	144	87	80	Q	Q	Q	Q
Lodging	158	153	116	64	Q	4	Q	Q
Mercantile	602	572	387	324	35	Q	35	Q
Retail (other than mall)	438	412	250	216	32	Q	33	Q
Enclosed and strip malls	164	160	137	107	Q	Q	Q	Q
Office	1,012	989	653	554	42	12	27	Q
Public assembly	352	330	162	187	Q	7	46	Q
Public order and safety	84	81	44	47	Q	Q	Q	Q
Religious worship	412	408	231	217	Q	N	63	Q
Service	619	528	270	329	70	Q	54	39
Warehouse and storage	796	420	264	235	Q	Q	26	Q
Other	125	100	53	56	Q	Q	Q	Q
Vacant	296	87	47	40	Q	Q	Q	Q
Year constructed								
Before 1920	362	322	167	189	45	5	35	Q
1920 to 1945	488	413	190	263	33	7	Q	Q
1946 to 1959	599	517	320	310	39	5	32	Q
1960 to 1969	639	559	308	357	52	9	27	Q
1970 to 1979	684	599	370	353	21	10	48	Q
1980 to 1989	915	754	513	383	19	2	36	Q
1990 to 1999	845	675	398	352	23	3	59	Q
2000 to 2003	375	322	202	153	21	4	33	Q
2004 to 2007	347	291	210	126	Q	2	25	Q
2008 to 2012	303	270	182	126	Q	Q	Q	Q

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All buildings	5,557	4,722	2,858	2,612	270	48	342	101
Census region and division								
Northeast	805	727	310	392	170	16	59	Q
New England	302	264	99	82	105	Q	38	Q
Middle Atlantic	504	463	211	310	65	9	21	Q
Midwest	1,237	1,096	493	819	39	7	105	32
East North Central	735	670	282	559	20	3	29	Q
West North Central	502	426	211	260	19	4	76	Q
South	2,247	1,842	1,380	782	53	18	124	Q
South Atlantic	1,091	873	704	299	29	9	58	Q
East South Central	370	336	239	168	Q	Q	35	Q
West South Central	786	633	437	316	Q	5	Q	Q
West	1,267	1,057	676	618	Q	7	54	Q
Mountain	338	293	165	202	Q	Q	24	Q
Pacific	929	764	511	416	Q	5	Q	Q
Climate region²								
Very cold/Cold	2,031	1,792	814	1,198	192	18	156	75
Mixed-humid	1,743	1,545	1,009	826	70	20	135	Q
Mixed-dry/Hot-dry	837	676	445	361	Q	4	39	Q
Hot-humid	799	593	521	142	Q	Q	Q	N
Marine	147	116	69	84	Q	Q	Q	Q
Number of workers (main shift)								
Fewer than 5	2,892	2,184	1,217	1,126	171	Q	218	63
5 to 9	1,085	1,020	658	527	43	Q	55	Q
10 to 19	731	692	425	434	22	Q	40	Q
20 to 49	513	494	341	306	16	11	23	Q
50 to 99	206	203	141	134	11	7	Q	Q
100 to 249	93	92	54	64	5	7	Q	Q
250 or more	37	37	22	21	2	6	Q	Q
Weekly operating hours								
Fewer than 40	1,149	815	448	416	45	Q	113	Q
40 to 48	1,346	1,230	751	674	87	7	72	Q
49 to 60	1,244	1,143	694	687	65	11	72	45
61 to 84	764	672	421	387	30	9	26	Q
85 to 167	479	414	258	232	Q	6	19	Q
Open continuously	575	448	287	217	28	11	39	Q

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All buildings	5,557	4,722	2,858	2,612	270	48	342	101
Ownership and occupancy								
Nongovernment owned	4,781	4,028	2,464	2,203	234	22	290	96
Owner occupied	2,466	2,198	1,264	1,162	145	13	202	72
Leased to tenant(s)	1,745	1,458	958	838	69	Q	67	Q
Owner occupied and leased	349	325	221	181	15	2	19	Q
Unoccupied	221	47	22	22	Q	Q	Q	N
Government owned	776	694	394	409	36	26	52	Q
Federal	33	33	19	18	Q	1	Q	Q
State	185	168	100	91	Q	18	Q	Q
Local	558	493	275	300	32	7	38	Q
Energy sources (more than one may apply)								
Electricity	5,234	4,717	2,858	2,612	270	48	340	96
Natural gas	2,933	2,888	1,371	2,612	40	17	24	34
Fuel oil	467	455	211	133	270	10	45	25
District heat	48	48	12	2	Q	48	Q	Q
District chilled water	54	51	27	10	Q	26	Q	Q
Propane	510	491	268	59	60	Q	342	Q
Other	172	172	72	66	30	1	Q	101
Primary space-heating energy source								
Electricity	1,819	1,819	1,819	262	24	Q	49	Q
Natural gas	2,322	2,322	846	2,322	17	Q	11	Q
Fuel oil	205	205	57	Q	205	Q	Q	Q
District heat	47	47	12	2	Q	47	N	Q
Propane	261	261	110	Q	Q	N	261	Q
Other	67	67	Q	Q	Q	N	Q	67
Cooling energy sources (more than one may apply)								
Electricity	4,413	4,226	2,677	2,390	177	23	275	62
Natural gas	12	12	5	12	Q	Q	N	N
District chilled water	54	51	27	10	Q	26	Q	Q
Water-heating energy sources (more than one may apply)								
Electricity	2,658	2,512	1,819	1,051	144	16	193	37
Natural gas	1,758	1,722	816	1,540	18	9	11	18
Fuel oil	77	76	23	6	67	Q	Q	Q
District heat	25	25	6	Q	Q	25	N	Q
Propane	142	133	77	Q	Q	Q	110	Q
Cooking energy sources (more than one may apply)								
Electricity	1,010	969	633	513	44	10	91	17
Natural gas	740	717	412	579	18	8	Q	Q
Propane	144	132	75	Q	20	Q	67	Q

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All buildings	5,557	4,722	2,858	2,612	270	48	342	101
Energy end uses (more than one may apply)								
Buildings with space heating	4,722	4,722	2,858	2,612	270	48	342	101
Buildings with cooling	4,461	4,272	2,699	2,402	177	44	275	62
Buildings with water heating	4,423	4,237	2,569	2,424	222	45	307	71
Buildings with cooking	1,589	1,525	938	890	73	14	137	25
Buildings with manufacturing	259	234	145	141	Q	Q	Q	Q
Buildings with electricity generation	410	400	239	225	36	15	37	Q
Percent of floorspace heated								
Not heated	835	N	N	N	N	N	N	N
1 to 50	697	697	484	285	47	Q	59	Q
51 to 99	727	727	463	420	36	7	55	Q
100	3,298	3,298	1,911	1,907	187	40	228	66
Heating equipment (more than one may apply)								
Heat pumps	628	628	611	188	18	3	26	Q
Furnaces	755	755	366	530	20	Q	72	Q
Individual space heaters	1,247	1,247	868	722	118	9	146	72
District heat	48	48	12	2	Q	48	Q	Q
Boilers	544	544	225	390	85	Q	31	Q
Packaged heating units	2,802	2,802	1,785	1,717	116	3	181	30
Other	62	62	46	34	Q	Q	Q	Q

¹Other includes wood, coal, solar, and all other energy sources. The most commonly used other energy sources was waste oil.

²These 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).

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.