

Table B26. Space Heating Energy Sources, Number of Buildings for Non-Mall Buildings, 2003

	Number of Buildings (thousand)								
	All Buildings*	Buildings with Space Heating	Space-Heating Energy Sources Used (more than one may apply)						Other ^a
			Elec- tricity	Natural Gas	Fuel Oil	District Heat	Propane		
All Buildings*	4,645	3,982	1,766	2,165	360	65	372	113	
Building Floorspace (Square Feet)									
1,001 to 5,000	2,552	2,100	888	1,013	196	Q	243	72	
5,001 to 10,000	889	782	349	450	86	Q	72	Q	
10,001 to 25,000	738	659	311	409	46	18	38	Q	
25,001 to 50,000	241	225	114	151	11	9	11	Q	
50,001 to 100,000	129	123	60	84	8	8	Q	Q	
100,001 to 200,000	65	62	29	39	9	9	Q	Q	
200,001 to 500,000	25	24	11	15	4	4	Q	Q	
Over 500,000	7	6	3	4	1	2	Q	Q	
Principal Building Activity									
Education	386	382	180	186	21	25	36	Q	
Food Sales	226	188	98	79	Q	N	Q	Q	
Food Service	297	282	125	171	Q	Q	31	Q	
Health Care	129	124	62	68	Q	2	Q	Q	
Inpatient	8	8	4	6	1	1	Q	Q	
Outpatient	121	116	58	62	Q	Q	Q	N	
Lodging	142	142	103	57	16	Q	Q	Q	
Retail (Other Than Mall).....	443	408	169	236	35	Q	40	Q	
Office	824	802	380	465	46	16	36	Q	
Public Assembly	277	258	83	141	37	6	Q	Q	
Public Order and Safety	71	70	24	31	Q	Q	Q	Q	
Religious Worship	370	359	152	208	36	Q	44	N	
Service	622	515	180	266	82	Q	75	68	
Warehouse and Storage	597	316	150	178	28	Q	24	Q	
Other	79	67	32	41	Q	Q	Q	Q	
Vacant	182	69	27	40	Q	Q	Q	Q	
Year Constructed									
Before 1920	330	302	66	183	72	Q	Q	Q	
1920 to 1945	527	442	142	309	48	12	Q	Q	
1946 to 1959	562	493	195	280	65	13	41	Q	
1960 to 1969	579	524	212	281	49	13	43	Q	
1970 to 1979	731	648	293	360	46	6	48	45	
1980 to 1989	707	618	352	271	36	4	74	Q	
1990 to 1999	876	719	380	373	34	8	72	Q	
2000 to 2003	334	236	126	107	Q	Q	47	Q	
Census Region and Division									
Northeast	726	672	179	347	229	17	24	Q	
New England	233	211	48	57	114	Q	Q	Q	
Middle Atlantic	493	461	131	290	115	12	Q	Q	
Midwest	1,266	1,112	356	774	59	13	144	36	
East North Central	696	633	181	524	25	8	Q	Q	
West North Central	571	479	175	250	34	Q	126	Q	
South	1,775	1,462	883	630	51	20	136	Q	
South Atlantic	874	746	492	264	40	13	80	Q	
East South Central	348	283	134	150	Q	Q	41	Q	
West South Central	553	433	257	217	Q	Q	Q	Q	
West	878	735	348	413	22	15	67	Q	
Mountain	299	273	96	177	Q	7	32	Q	
Pacific	580	462	251	236	Q	8	Q	Q	

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			Elec- tricity	Natural Gas	Fuel Oil	District Heat	Propane		
All Buildings*	4,645	3,982	1,766	2,165	360	65	372	113	
Climate Zone: 30-Year Average									
Under 2,000 CDD and --									
More than 7,000 HDD	855	752	245	477	135	6	67	38	
5,500-7,000 HDD	1,173	1,055	325	670	124	27	71	36	
4,000-5,499 HDD	673	626	246	306	70	13	Q	Q	
Fewer than 4,000 HDD	1,276	1051	553	576	27	12	96	Q	
2,000 CDD or More and --									
Fewer than 4,000 HDD	669	498	396	136	Q	7	Q	Q	
Number of Workers (main shift)									
Fewer than 5	2,653	2,080	874	988	239	Q	251	78	
5 to 9	778	733	336	431	58	Q	51	Q	
10 to 19	563	536	261	316	27	Q	40	Q	
20 to 49	398	387	176	270	17	16	20	Q	
50 to 99	147	141	63	98	10	7	Q	Q	
100 to 249	77	76	39	46	6	9	Q	Q	
250 or More	30	29	16	17	3	5	Q	Q	
Weekly Operating Hours									
Fewer than 40	1,002	751	287	347	82	Q	107	Q	
40 to 48	1,117	1,037	472	546	98	12	93	39	
49 to 60	1,062	965	418	571	77	18	79	Q	
61 to 84	591	535	234	330	42	11	32	Q	
85 to 167	400	331	143	195	28	9	28	Q	
Open Continuously	475	364	211	176	34	10	32	Q	
Energy Sources (more than one may apply)									
Electricity	4,404	3,971	1,766	2,164	358	65	369	107	
Natural Gas	2,391	2,344	671	2,165	73	24	Q	27	
Fuel Oil	451	443	116	90	360	4	20	Q	
District Heat	67	67	8	4	Q	65	Q	N	
District Chilled Water	33	32	6	8	Q	24	Q	N	
Propane	502	489	179	40	59	Q	372	Q	
Other	132	132	41	35	28	Q	Q	113	
Primary Space-Heating Energy Source									
Electricity	1,258	1,258	1,258	153	23	Q	41	Q	
Natural Gas	1,999	1,999	386	1,999	33	Q	Q	19	
Fuel Oil	282	282	30	8	282	N	Q	Q	
District Heat	63	63	5	Q	Q	63	Q	N	
Propane	308	308	73	N	Q	Q	308	Q	
Other	72	72	Q	Q	Q	N	Q	72	
Cooling Energy Sources (more than one may apply)									
Electricity	3,589	3,434	1,640	1,945	213	31	298	57	
Natural Gas	17	17	9	17	Q	Q	N	Q	
District Chilled Water	33	32	6	8	Q	24	Q	N	

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			Elec- tricity	Natural Gas	Fuel Oil	District Heat	Propane		
All Buildings*	4,645	3,982	1,766	2,165	360	65	372	113	
Water-Heating Energy Sources (more than one may apply)									
Electricity	1,910	1,815	1,066	708	164	25	211	49	
Natural Gas	1,445	1,407	409	1,281	44	15	Q	14	
Fuel Oil	94	87	6	Q	86	Q	Q	Q	
District Heat	27	27	4	1	Q	26	Q	N	
Propane	128	124	46	Q	Q	Q	100	Q	
Cooking Energy Sources (more than one may apply)									
Electricity	410	392	203	220	31	4	38	Q	
Natural Gas	457	439	176	352	28	7	Q	Q	
Propane	108	101	40	Q	Q	Q	51	Q	
Energy End Uses (more than one may apply)									
Buildings with Space Heating	3,982	3,982	1,766	2,165	360	65	372	113	
Buildings with Cooling	3,625	3,469	1,643	1,956	215	53	298	59	
Buildings with Water Heating	3,472	3,337	1,474	1,912	290	59	311	76	
Buildings with Cooking	801	764	348	446	80	9	81	Q	
Buildings with Manufacturing	119	111	51	66	Q	Q	Q	Q	
Buildings with Electricity Generation	149	148	74	89	17	7	16	Q	
Percent of Floorspace Heated									
Not Heated	663	N	N	N	N	N	N	N	
1 to 50	523	523	275	214	57	Q	64	Q	
51 to 99	498	498	229	294	48	5	41	Q	
100	2,962	2,962	1,261	1,658	254	59	266	89	
Heating Equipment (more than one may apply)									
Heat Pumps	476	476	466	124	6	2	28	Q	
Packaged Heat Pumps	278	278	268	71	Q	Q	Q	N	
Split-System Heat Pumps	166	166	166	43	Q	Q	Q	Q	
Individual Room Heat Pumps	58	58	57	22	Q	Q	Q	Q	
Furnaces	1,864	1,864	554	1,273	188	Q	212	65	
Individual Space Heaters	819	819	604	399	79	4	122	40	
District Heat	65	65	6	4	Q	65	Q	N	
Boilers	579	579	161	397	144	Q	30	18	
Packaged Heating Units	953	953	572	529	17	3	79	Q	
Other	205	205	116	80	36	Q	40	47	

See "Guide to the Tables" or "Glossary" for further explanations of the terms used in this table. Both can be accessed from the CBECS web site - <http://www.eia.doe.gov/emeu/cbeecs>.

* Figures in this table do not include enclosed malls and strip malls. Mall buildings add an estimated 213 thousand buildings comprising 6.9 billion square feet.

^a "Other" includes wood, coal, solar, and all other energy sources.

Q=Data withheld because the Relative Standard Error (RSE) was greater than 50 percent, or fewer than 20 buildings were sampled.

N=No responding cases in sample.

Note: Due to rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-871A of the 2003 Commercial Buildings Energy Consumption Survey.