

**Table B25. Water-Heating Energy Sources, Number of Buildings, 1999**

	Number of Buildings (thousand)						
	All Buildings	All Buildings with Water Heating	Water-Heating Energy Sources Used (more than one may apply)				
			Electricity	Natural Gas	Fuel Oil	District Heat	Propane
<b>All Buildings</b> .....	4,657	3,239	1,546	1,520	110	62	130
<b>Building Floorspace (Square Feet)</b>							
1,001 to 5,000 .....	2,348	1,456	795	574	Q	Q	Q
5,001 to 10,000 .....	1,110	778	317	429	Q	Q	Q
10,001 to 25,000 .....	708	574	265	274	14	9	31
25,001 to 50,000 .....	257	222	87	127	9	14	Q
50,001 to 100,000 .....	145	127	51	71	5	9	Q
100,001 to 200,000 .....	59	54	21	31	Q	5	Q
200,001 to 500,000 .....	23	21	7	12	2	2	Q
Over 500,000 .....	7	7	4	3	Q	1	N
<b>Principal Building Activity</b>							
Education .....	327	240	95	132	9	19	Q
Food Sales .....	174	163	68	82	Q	Q	Q
Food Service .....	349	349	90	223	Q	Q	Q
Health Care .....	127	126	67	55	Q	3	Q
Inpatient .....	11	11	Q	8	1	3	N
Outpatient .....	116	115	66	47	Q	Q	Q
Lodging .....	153	149	46	86	Q	17	Q
Mercantile .....	667	439	263	181	Q	N	Q
Retail (Other Than Mall) .....	534	323	181	141	Q	N	Q
Enclosed and Strip Malls .....	133	116	82	40	Q	N	Q
Office .....	739	615	371	216	26	9	Q
Public Assembly .....	305	249	110	128	Q	6	Q
Public Order and Safety .....	72	41	Q	21	Q	Q	Q
Religious Worship .....	307	252	84	146	Q	Q	Q
Service .....	478	280	152	110	Q	Q	Q
Warehouse and Storage .....	603	227	148	84	Q	Q	N
Other .....	102	64	30	30	Q	Q	N
Vacant .....	253	44	Q	27	Q	N	Q
<b>Year Constructed</b>							
1919 or Before .....	419	277	93	174	12	5	Q
1920 to 1945 .....	499	311	123	163	Q	8	Q
1946 to 1959 .....	763	493	212	239	41	11	Q
1960 to 1969 .....	665	493	213	244	18	11	Q
1970 to 1979 .....	774	592	298	277	Q	7	Q
1980 to 1989 .....	846	623	379	206	Q	11	Q
1990 to 1999 .....	690	450	229	217	Q	Q	Q
<b>Census Region</b>							
Northeast .....	686	515	214	168	87	15	56
Midwest .....	1,188	776	307	452	Q	14	38
South .....	1,762	1,179	707	470	Q	16	Q
West .....	1,021	769	318	431	Q	17	Q
<b>Workers (main shift)</b>							
Fewer than 5 .....	2,376	1,312	637	616	Q	15	46
5 to 9 .....	807	643	286	308	Q	Q	Q
10 to 19 .....	683	586	318	243	Q	9	Q
20 to 49 .....	487	417	184	204	22	10	Q
50 to 99 .....	174	159	75	79	6	9	Q
100 to 249 .....	90	85	29	52	4	6	Q
250 or More .....	39	36	16	18	1	5	Q

**Table B25. Water-Heating Energy Sources, Number of Buildings, 1999**

	Number of Buildings (thousand)						
	All Buildings	All Buildings with Water Heating	Water-Heating Energy Sources Used (more than one may apply)				
			Electricity	Natural Gas	Fuel Oil	District Heat	Propane
<b>Weekly Operating Hours</b>							
39 or Fewer .....	978	427	195	192	Q	Q	Q
40 to 48 .....	1,156	779	442	312	16	16	Q
49 to 60 .....	986	746	415	309	22	7	25
61 to 84 .....	664	521	210	292	15	8	Q
85 to 167 .....	474	436	181	233	Q	9	Q
Open Continuously .....	398	330	103	182	19	23	18
<b>Energy Sources (more than one may apply)</b>							
Electricity .....	4,395	3,239	1,546	1,520	110	62	130
Natural Gas .....	2,670	2,191	748	1,520	9	17	Q
Fuel Oil .....	434	288	109	65	110	4	Q
District Heat .....	117	101	37	22	Q	62	Q
District Chilled Water .....	50	37	Q	15	Q	19	Q
Propane .....	451	334	165	21	44	Q	130
Other .....	153	89	54	33	Q	Q	Q
<b>Primary Space Heating Energy Source</b>							
Electricity .....	1,128	867	687	185	Q	Q	12
Natural Gas .....	2,189	1,759	583	1,232	Q	Q	N
Fuel Oil .....	302	205	74	Q	99	Q	Q
District Heat .....	77	70	15	20	Q	45	N
Propane .....	282	174	98	N	Q	N	76
Other .....	38	Q	Q	Q	Q	N	Q
<b>Cooking Energy Sources (more than one may apply)</b>							
Electricity .....	437	410	199	190	18	8	41
Natural Gas .....	505	497	111	412	6	4	Q
Propane .....	118	105	38	Q	17	Q	55
<b>Energy End Uses (more than one may apply)</b>							
Buildings with Space Heating .....	4,016	3,087	1,465	1,459	109	61	116
Buildings with Cooling .....	3,560	2,915	1,435	1,375	70	50	109
Buildings with Water Heating .....	3,239	3,239	1,546	1,520	110	62	130
Buildings with Cooking .....	857	818	283	481	35	11	74
Buildings with Manufacturing .....	151	89	55	36	Q	Q	Q
Buildings with Electricity Generation .....	172	143	63	68	Q	12	Q
<b>Water Heating Equipment</b>							
Centralized System .....	2,472	2,472	1,048	1,244	88	52	104
Distributed System .....	566	566	399	173	Q	5	Q
Combination of Centralized and Distributed System .....	200	200	99	103	Q	5	Q

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 1999 Commercial Buildings Energy Consumption Survey.