

Table B6. Building Size, Number of Buildings, 1999

	Number of Buildings (thousand)								
	All Buildings	Building Size							
		1,001 to 5,000 Square Feet	5,001 to 10,000 Square Feet	10,001 to 25,000 Square Feet	25,001 to 50,000 Square Feet	50,001 to 100,000 Square Feet	100,001 to 200,000 Square Feet	200,001 to 500,000 Square Feet	Over 500,000 Square Feet
All Buildings	4,657	2,348	1,110	708	257	145	59	23	7
Principal Building Activity									
Education	327	119	61	52	49	30	10	5	Q
Food Sales	174	138	Q	Q	Q	Q	Q	N	N
Food Service	349	251	71	23	Q	Q	Q	N	N
Health Care	127	64	Q	10	8	4	2	2	1
Inpatient	11	N	N	Q	Q	Q	2	2	1
Outpatient	116	64	Q	Q	7	Q	Q	Q	Q
Lodging	153	Q	38	27	32	11	4	3	Q
Mercantile	667	316	146	141	28	20	13	2	1
Retail (Other Than Mall)	534	308	103	100	11	6	5	Q	Q
Enclosed and Strip Malls	133	Q	43	41	17	14	8	1	1
Office	739	422	141	95	33	29	13	5	2
Public Assembly	305	124	88	64	15	11	2	1	Q
Public Order and Safety	72	Q	Q	24	5	Q	Q	Q	Q
Religious Worship	307	92	102	92	15	Q	Q	N	Q
Service	478	291	131	41	11	Q	Q	Q	Q
Warehouse and Storage	603	266	157	97	46	22	11	4	1
Other	102	Q	Q	14	Q	Q	Q	Q	Q
Vacant	253	153	73	17	7	Q	Q	Q	Q
Year Constructed									
1919 or Before	419	227	107	63	13	7	Q	Q	Q
1920 to 1945	499	270	102	90	20	9	5	2	1
1946 to 1959	763	359	240	97	39	19	5	3	1
1960 to 1969	665	321	166	84	53	24	12	4	1
1970 to 1979	774	367	193	130	44	26	8	4	2
1980 to 1989	846	413	156	179	43	33	15	4	2
1990 to 1999	690	390	145	65	44	27	12	4	1
Floors									
One	2,879	1,751	633	311	109	48	22	5	1
Two	1,168	475	317	238	81	40	12	4	1
Three	420	101	121	119	41	26	8	3	Q
Four to Nine	178	Q	39	40	26	28	15	7	2
Ten or More	11	N	N	Q	Q	Q	3	4	3
Census Region									
Northeast	686	305	169	130	39	26	10	5	2
Midwest	1,188	620	273	188	48	35	16	7	2
South	1,762	916	413	260	93	49	20	8	2
West	1,021	506	255	130	76	35	13	4	1
Workers (main shift)									
Fewer than 5	2,376	1,567	511	250	37	7	2	Q	Q
5 to 9	807	482	180	105	32	6	3	Q	N
10 to 19	683	226	249	146	47	12	Q	Q	Q
20 to 49	487	66	144	157	75	36	7	2	Q
50 to 99	174	Q	Q	46	46	45	15	2	Q
100 to 249	90	Q	Q	Q	18	29	18	7	1
250 or More	39	N	N	Q	Q	10	12	10	5
Weekly Operating Hours									
39 or Fewer	978	605	244	105	17	4	Q	Q	Q
40 to 48	1,156	557	342	153	58	36	8	2	Q
49 to 60	986	471	225	177	63	34	11	4	1
61 to 84	664	292	163	121	45	26	12	4	2
85 to 167	474	240	76	91	27	21	13	4	1
Open Continuously	398	183	60	62	47	24	12	7	3

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Ownership and Occupancy									
Nongovernment Owned	4,135	2,131	1,006	618	202	109	47	18	5
Owner Occupied	2,801	1,433	693	431	129	69	29	13	5
Nonowner Occupied	1,099	548	250	172	68	39	17	4	1
Unoccupied	236	151	Q	15	Q	Q	Q	Q	Q
Government Owned	521	216	104	91	55	36	13	5	2
Vacancy Status									
Completely Vacant	140	Q	Q	8	Q	Q	Q	Q	N
Mostly Vacant	113	Q	Q	Q	Q	Q	Q	Q	Q
Partially Vacant	697	282	200	107	51	33	15	6	3
Not At All Vacant	3,707	1,913	837	584	198	110	44	17	4
Number of Establishments									
One	3,528	1,897	802	506	184	88	34	14	3
2 to 5	688	272	222	121	33	26	10	3	1
6 to 10	114	Q	17	51	15	12	4	2	Q
11 to 20	48	Q	Q	12	15	12	6	2	Q
More than 20	27	Q	Q	Q	Q	6	5	2	3
Currently Unoccupied	251	164	Q	17	Q	Q	Q	Q	Q
Energy Sources (more than one may apply)									
Electricity	4,395	2,186	1,036	688	253	143	59	23	7
Natural Gas	2,670	1,193	684	448	176	103	42	18	5
Fuel Oil	434	220	74	65	28	22	13	9	4
District Heat	117	Q	Q	24	19	13	7	3	2
District Chilled Water	50	Q	Q	Q	7	7	5	2	1
Propane	451	215	124	74	17	13	6	2	1
Other	153	93	Q	19	7	5	Q	Q	Q
Energy End Uses (more than one may apply)									
Buildings with Space Heating	4,016	1,982	946	629	237	137	57	22	7
Buildings with Cooling	3,560	1,680	828	611	223	134	55	21	7
Buildings with Water Heating	3,239	1,456	778	574	222	127	54	21	7
Buildings with Cooking	857	357	176	150	72	54	29	14	5
Buildings with Manufacturing	151	Q	36	28	11	9	3	1	Q
Buildings with Electricity Generation	172	Q	Q	24	22	26	13	9	4
Percent of Floorspace Heated									
Not Heated	641	366	164	79	20	8	3	1	Q
1 to 50	576	230	194	102	29	12	5	2	1
51 to 99	627	272	149	128	45	20	7	4	2
100	2,813	1,479	603	399	162	105	45	16	5
Percent of Floorspace Cooled									
Not Cooled	1,097	668	282	98	34	10	4	2	Q
1 to 50	1,012	352	292	242	69	37	13	7	1
51 to 99	751	294	188	146	58	37	16	8	3
100	1,796	1,034	348	222	96	60	27	7	2
Percent Lit When Open									
Zero	34	Q	Q	Q	Q	N	Q	N	N
1 to 50	835	351	279	147	40	13	4	2	0
51 to 99	1,228	517	351	198	84	52	16	8	3
100	2,096	1,156	367	316	124	77	39	13	4
Building Never Open/ Electricity Not Used	464	294	113	45	8	Q	Q	Q	Q

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Heating Equipment (more than one may apply)									
Heat Pumps	492	240	100	81	37	20	8	3	1
Furnaces	1,460	783	387	206	47	25	9	3	1
Individual Space Heaters	894	397	183	191	62	35	18	6	3
District Heat	96	Q	Q	19	17	13	7	3	2
Boilers	581	146	144	128	72	52	24	11	3
Packaged Heating Units	1,347	589	302	253	101	62	27	10	3
Other	185	98	Q	22	14	8	3	2	1
Cooling Equipment (more than one may apply)									
Residential-Type Central									
Air Conditioners	676	319	211	96	24	17	7	2	1
Heat Pumps	485	240	95	80	35	22	9	4	1
Individual Air Conditioners	799	356	184	149	60	29	13	7	1
District Chilled Water	50	Q	Q	Q	7	7	5	2	1
Central Chillers	130	Q	Q	17	25	28	16	9	4
Packaged Air Conditioning									
Units	1,953	857	423	387	141	89	37	14	4
Swamp Coolers	136	79	25	13	9	7	2	Q	Q
Other	49	Q	Q	Q	4	Q	Q	Q	Q
Main Equipment Replaced Since 1995 (more than one may apply)									
Heating	984	469	250	160	61	32	9	4	1
Cooling	1,085	490	239	224	73	38	13	7	2
Lighting Equipment Types (more than one may apply)									
Incandescent	2,193	980	548	391	138	83	33	14	5
Standard Fluorescent	3,778	1,795	904	628	230	136	56	22	7
Compact Fluorescent	607	198	149	109	62	48	24	12	4
High Intensity Discharge	430	80	94	111	60	43	25	11	5
Halogen	572	194	136	123	43	41	23	9	4
Other	58	Q	Q	Q	Q	Q	Q	Q	Q
Personal Computers									
None	1,617	1,056	413	117	23	5	2	1	Q
1 to 4	1,636	875	394	288	59	14	6	Q	Q
5 to 9	542	280	105	95	41	18	3	Q	Q
10 to 19	403	106	142	93	34	19	6	2	Q
20 to 49	247	Q	53	78	46	26	12	2	1
50 to 99	105	Q	Q	32	34	25	7	3	1
100 to 249	71	Q	Q	Q	17	30	12	4	1
250 or More	36	N	N	N	Q	9	11	9	4
Photocopiers									
None	2,825	1,706	691	309	81	29	7	3	Q
One	1,114	500	295	217	69	23	8	1	Q
2 to 4	540	136	99	148	75	55	19	7	1
5 to 9	102	Q	Q	23	18	17	9	4	1
10 or More	75	N	N	Q	14	21	17	9	5
Other Electronic Equipment (more than one may apply)									
Laser Printers	1,949	732	424	412	181	121	52	20	7
FAX Machines	2,807	1,203	661	509	213	136	56	22	7
Medical Diagnostic Equipment	86	Q	Q	Q	6	4	2	2	1

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Energy-Related Space Functions (more than one may apply)									
Commercial Food Preparation	767	320	157	123	68	52	28	14	5
Activities with Large Amounts of Hot Water	698	232	142	149	87	47	25	12	4
Building Shell Conservation Features (more than one may apply)									
Multipaned Windows	2,130	1,005	497	344	138	89	36	15	5
Tinted, Reflective, or Shading Glass	1,283	507	329	214	110	69	35	13	5
HVAC Conservation Features (more than one may apply)									
Variable Air-Volume System	550	188	136	81	57	49	23	10	5
Economizer Cycle	567	218	104	86	61	52	30	11	5
HVAC Maintenance	2,786	1,217	627	521	209	129	55	21	7
Energy Management and Control System (EMCS)	460	150	59	81	65	56	31	13	5
Lighting Conservation Features (more than one may apply)									
Specular Reflectors	843	389	186	123	64	46	20	10	4
Electronic Ballasts	2,167	952	545	354	149	98	45	17	6
Skylights or Atriums	580	200	128	116	62	39	20	9	4
Off-Hour Equipment Reduction (more than one may apply)									
Heating	2,862	1,387	743	432	160	89	36	11	4
Cooling	2,622	1,229	659	442	151	90	35	12	4
Lighting	3,675	1,794	913	592	197	115	45	15	4
Office Equipment	184	Q	Q	50	39	38	14	4	1

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.