

**Table B8. Year Constructed, Number of Buildings, 1999**

	Number of Buildings (thousand)							
	All Buildings	Year Constructed						
		1919 or Before	1920 to 1945	1946 to 1959	1960 to 1969	1970 to 1979	1980 to 1989	1990 to 1999
<b>All Buildings</b> .....	4,657	419	499	763	665	774	846	690
<b>Building Floorspace (Square Feet)</b>								
1,001 to 5,000 .....	2,348	227	270	359	321	367	413	390
5,001 to 10,000 .....	1,110	107	102	240	166	193	156	145
10,001 to 25,000 .....	708	63	90	97	84	130	179	65
25,001 to 50,000 .....	257	13	20	39	53	44	43	44
50,001 to 100,000 .....	145	7	9	19	24	26	33	27
100,001 to 200,000 .....	59	Q	5	5	12	8	15	12
200,001 to 500,000 .....	23	Q	2	3	4	4	4	4
Over 500,000 .....	7	Q	1	1	1	2	2	1
<b>Principal Building Activity</b>								
Education .....	327	18	32	71	69	53	37	47
Food Sales .....	174	Q	Q	Q	Q	Q	Q	50
Food Service .....	349	Q	48	Q	50	70	80	Q
Health Care .....	127	Q	Q	27	16	38	15	23
Inpatient .....	11	Q	Q	1	2	2	2	Q
Outpatient .....	116	Q	Q	Q	Q	36	14	23
Lodging .....	153	Q	Q	15	33	33	29	24
Mercantile .....	667	93	61	154	60	112	127	60
Retail (Other Than Mall) .....	534	92	46	140	44	78	88	46
Enclosed and Strip Malls .....	133	Q	Q	14	16	35	39	14
Office .....	739	72	55	96	96	115	169	135
Public Assembly .....	305	34	37	31	58	42	59	43
Public Order and Safety .....	72	Q	Q	Q	Q	Q	Q	5
Religious Worship .....	307	44	Q	76	47	58	27	33
Service .....	478	Q	78	89	66	89	88	Q
Warehouse and Storage .....	603	36	66	68	62	91	132	149
Other .....	102	Q	Q	Q	27	Q	Q	Q
Vacant .....	253	49	57	67	45	Q	Q	Q
<b>Floors</b>								
One .....	2,879	88	209	478	461	568	547	529
Two .....	1,168	141	166	202	155	155	221	127
Three .....	420	136	81	72	31	38	45	16
Four to Nine .....	178	52	41	10	17	11	30	17
Ten or More .....	11	Q	2	1	2	2	3	1
<b>Census Region</b>								
Northeast .....	686	126	65	138	97	77	122	62
Midwest .....	1,188	172	206	174	155	141	165	175
South .....	1,762	69	155	289	199	338	408	304
West .....	1,021	52	73	162	215	219	151	149
<b>Workers (main shift)</b>								
Fewer than 5 .....	2,376	280	331	405	316	344	371	330
5 to 9 .....	807	62	65	135	124	174	126	121
10 to 19 .....	683	52	58	107	95	110	159	102
20 to 49 .....	487	12	29	84	78	81	116	87
50 to 99 .....	174	3	8	22	27	43	44	27
100 to 249 .....	90	Q	5	7	21	15	19	16
250 or More .....	39	Q	3	3	5	8	11	7
<b>Weekly Operating Hours</b>								
39 or Fewer .....	978	132	140	189	130	152	124	111
40 to 48 .....	1,156	116	145	213	154	147	222	158
49 to 60 .....	986	95	75	152	145	185	150	185
61 to 84 .....	664	39	68	122	109	111	118	96
85 to 167 .....	474	20	42	41	50	111	128	82
Open Continuously .....	398	17	29	46	77	67	104	58

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<b>Ownership and Occupancy</b>								
Nongovernment Owned .....	4,135	384	436	670	581	684	761	619
Owner Occupied .....	2,801	256	291	450	377	465	532	431
Nonowner Occupied .....	1,099	94	130	159	172	201	195	148
Unoccupied .....	236	Q	Q	62	Q	Q	Q	Q
Government Owned .....	521	35	63	93	85	90	85	71
<b>Vacancy Status</b>								
Completely Vacant .....	140	Q	Q	Q	Q	Q	Q	Q
Mostly Vacant .....	113	Q	Q	Q	Q	Q	Q	Q
Partially Vacant .....	697	71	64	89	89	104	134	146
Not At All Vacant .....	3,707	298	379	606	531	652	704	537
<b>Energy Sources (more than one may apply)</b>								
Electricity .....	4,395	363	480	716	628	758	781	669
Natural Gas .....	2,670	291	329	426	406	481	389	349
Fuel Oil .....	434	53	55	109	65	37	70	45
District Heat .....	117	20	9	21	18	Q	16	15
District Chilled Water .....	50	Q	2	5	7	Q	Q	4
Propane .....	451	Q	45	65	72	66	89	94
Other .....	153	Q	Q	36	12	24	39	Q
<b>Energy End Uses (more than one may apply)</b>								
Buildings with Space Heating .....	4,016	350	430	666	557	691	713	608
Buildings with Cooling .....	3,560	260	313	589	496	649	702	549
Buildings with Water Heating .....	3,239	277	311	493	493	592	623	450
Buildings with Cooking .....	857	69	85	115	131	161	173	124
Buildings with Manufacturing .....	151	Q	Q	28	19	32	37	Q
Buildings with Electricity Generation .....	172	Q	4	41	25	23	26	44
<b>Percent of Floorspace Heated</b>								
Not Heated .....	641	69	69	97	108	83	133	82
1 to 50 .....	576	48	79	93	58	107	113	78
51 to 99 .....	627	56	103	86	75	86	111	109
100 .....	2,813	246	248	487	424	498	490	421
<b>Percent of Floorspace Cooled</b>								
Not Cooled .....	1,097	159	186	174	169	125	144	141
1 to 50 .....	1,012	105	133	205	126	163	148	131
51 to 99 .....	751	65	94	102	123	118	128	122
100 .....	1,796	90	86	282	247	368	426	296
<b>Percent Lit When Open</b>								
Zero .....	34	N	N	Q	Q	Q	Q	Q
1 to 50 .....	835	122	152	159	91	113	108	91
51 to 99 .....	1,228	121	107	202	218	237	199	144
100 .....	2,096	99	175	315	283	374	464	387
Building Never Open/ Electricity Not Used .....	464	77	65	82	72	43	73	Q
<b>Heating Equipment (more than one may apply)</b>								
Heat Pumps .....	492	6	23	95	39	102	124	103
Furnaces .....	1,460	163	206	251	191	205	237	208
Individual Space Heaters .....	894	79	107	180	110	172	127	119
District Heat .....	96	19	9	21	16	Q	11	4
Boilers .....	581	100	83	121	98	63	65	52
Packaged Heating Units .....	1,347	40	110	157	213	304	289	235
Other .....	185	Q	Q	33	19	35	59	Q

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<b>Cooling Equipment (more than one may apply)</b>								
Residential-Type Central								
Air Conditioners .....	676	78	75	129	39	105	143	107
Heat Pumps .....	485	Q	24	89	39	106	121	91
Individual Air Conditioners .....	799	101	124	178	102	112	96	86
District Chilled Water .....	50	Q	2	5	7	Q	Q	4
Central Chillers .....	130	Q	8	13	32	17	22	29
Packaged Air Conditioning								
Units .....	1,953	92	143	275	332	398	421	291
Swamp Coolers .....	136	Q	Q	29	25	33	19	6
Other .....	49	Q	Q	Q	Q	Q	Q	Q
<b>Main Equipment Replaced Since 1995 (more than one may apply)</b>								
Heating .....	984	83	116	201	128	211	138	107
Cooling .....	1,085	83	112	216	157	239	186	93
<b>Lighting Equipment Types (more than one may apply)</b>								
Incandescent .....	2,193	221	283	334	307	391	415	242
Standard Fluorescent .....	3,778	307	376	622	525	674	721	552
Compact Fluorescent .....	607	44	58	56	122	81	123	121
High Intensity Discharge .....	430	41	31	54	48	69	94	93
Halogen .....	572	55	33	79	86	112	131	77
Other .....	58	Q	Q	Q	Q	Q	Q	Q
<b>Personal Computers</b>								
None .....	1,617	187	222	297	209	243	253	206
1 to 4 .....	1,636	156	194	274	245	297	272	198
5 to 9 .....	542	33	28	80	68	117	100	117
10 to 19 .....	403	27	12	43	66	53	108	94
20 to 49 .....	247	10	23	49	35	32	57	40
50 to 99 .....	105	Q	14	10	17	15	29	18
100 to 249 .....	71	3	4	6	18	10	18	12
250 or More .....	36	Q	3	4	6	7	9	5
<b>Photocopiers</b>								
None .....	2,825	289	338	502	409	446	489	352
One .....	1,114	88	100	160	178	205	184	198
2 to 4 .....	540	37	53	85	53	89	126	97
5 to 9 .....	102	Q	Q	4	16	21	23	34
10 or More .....	75	3	5	Q	9	13	24	10
<b>Other Electronic Equipment (more than one may apply)</b>								
Laser Printers .....	1,949	163	153	290	305	300	412	327
FAX Machines .....	2,807	222	251	430	383	481	564	476
Medical Diagnostic Equipment .....	86	Q	Q	23	8	28	14	11
<b>Energy-Related Space Functions (more than one may apply)</b>								
Commercial Food Preparation .....	767	53	82	100	127	135	163	108
Activities with Large Amounts of Hot Water .....	698	46	92	84	120	154	131	70
<b>Building Shell Conservation Features (more than one may apply)</b>								
Multipaned Windows .....	2,130	206	182	283	282	301	446	428
Tinted, Reflective, or Shading Glass .....	1,283	82	71	163	174	283	302	210

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<b>HVAC Conservation Features</b>								
<b>(more than one may apply)</b>								
Variable Air-Volume System .....	550	16	31	84	74	100	118	127
Economizer Cycle .....	567	23	18	40	121	98	138	129
HVAC Maintenance .....	2,786	233	250	440	405	461	577	420
Energy Management and Control System (EMCS) .....	460	17	35	52	110	55	102	90
<b>Lighting Conservation Features</b>								
<b>(more than one may apply)</b>								
Specular Reflectors .....	843	48	48	125	132	155	184	151
Electronic Ballasts .....	2,167	146	201	360	288	428	429	315
Skylights or Atriums .....	580	40	46	64	68	88	184	89

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.