

**Table B6. Building Size, Number of Buildings for Non-Mall Buildings, 2003**

	Number of Buildings (thousand)								
	All Buildings*	Building Size							
		1,001 to 5,000 Square Feet	5,001 to 10,000 Square Feet	10,000 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
<b>All Buildings*</b> .....	4,645	2,552	889	738	241	129	65	25	7
<b>Principal Building Activity</b>									
Education .....	386	162	56	60	48	39	16	5	Q
Food Sales .....	226	164	44	Q	Q	Q	Q	N	N
Food Service .....	297	202	65	23	Q	Q	N	Q	N
Health Care .....	129	56	38	19	5	5	3	2	1
Inpatient .....	8	N	N	Q	Q	Q	Q	2	1
Outpatient .....	121	56	38	19	Q	3	Q	Q	N
Lodging .....	142	38	21	38	23	11	7	4	Q
Retail (Other Than Mall).....	443	241	97	83	14	Q	4	Q	Q
Office .....	824	503	127	116	43	17	11	5	2
Public Assembly .....	277	119	67	69	9	7	6	Q	Q
Public Order and Safety .....	71	37	Q	Q	Q	Q	Q	Q	Q
Religious Worship .....	370	152	104	83	27	Q	Q	Q	N
Service .....	622	434	100	66	17	Q	Q	Q	Q
Warehouse and Storage .....	597	294	110	130	27	21	8	4	Q
Other .....	79	Q	Q	Q	Q	Q	Q	Q	Q
Vacant .....	182	108	Q	Q	13	Q	Q	Q	Q
<b>Year Constructed</b>									
Before 1920 .....	330	174	71	55	19	7	Q	Q	Q
1920 to 1945 .....	527	315	107	64	23	9	5	4	1
1946 to 1959 .....	562	331	90	90	26	14	8	2	1
1960 to 1969 .....	579	298	120	95	33	22	8	3	0
1970 to 1979 .....	731	350	180	122	48	16	10	4	1
1980 to 1989 .....	707	438	98	103	32	20	10	4	2
1990 to 1999 .....	876	481	158	151	39	28	15	4	1
2000 to 2003 .....	334	165	66	58	21	13	8	2	Q
<b>Census Region</b>									
Northeast .....	726	364	149	127	36	27	15	6	2
Midwest .....	1,266	725	213	198	71	34	17	8	1
South .....	1,775	965	361	278	88	49	25	7	2
West .....	878	498	165	135	46	19	8	5	2
<b>Climate Zone: 30-Year Average</b>									
Under 2,000 CDD and --									
More than 7,000 HDD .....	855	476	157	147	42	19	9	4	1
5,500-7,000 HDD .....	1,173	621	226	200	62	36	19	7	2
4,000-5,499 HDD .....	673	375	129	89	35	26	12	5	2
Fewer than 4,000 HDD .....	1,276	723	257	185	59	30	16	5	1
2,000 CDD or More and --									
Fewer than 4,000 HDD .....	669	357	121	117	43	18	8	3	1
<b>Number of Floors</b>									
One .....	3,136	2,014	564	399	92	46	16	4	Q
Two .....	1,031	411	239	248	77	35	13	6	Q
Three .....	339	115	70	74	46	21	11	3	Q
Four to Nine .....	128	Q	Q	18	26	25	23	8	2
Ten or More .....	12	N	N	Q	Q	Q	3	4	3

CONTINUED

**Table B6. Building Size, Number of Buildings for Non-Mall Buildings, 2003**

	Number of Buildings (thousand)								
	All Buildings*	Building Size							
		1,001 to 5,000 Square Feet	5,001 to 10,000 Square Feet	10,000 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
<b>All Buildings*</b> .....	4,645	2,552	889	738	241	129	65	25	7
<b>Elevators and Escalators (more than one may apply)</b>									
Any Elevators .....	309	Q	29	61	81	57	41	19	5
Number of Elevators .....									
One .....	208	Q	29	57	62	29	11	4	Q
Two to Five .....	88	N	N	Q	19	28	29	9	Q
Six or More .....	13	N	N	Q	Q	Q	Q	6	5
Any Escalators .....	6	N	Q	Q	N	Q	Q	1	2
<b>Number of Workers (main shift)</b>									
Fewer than 5 .....	2,653	1,879	452	268	36	10	6	Q	Q
5 to 9 .....	778	422	192	134	24	4	Q	Q	N
10 to 19 .....	563	202	146	154	38	16	Q	Q	N
20 to 49 .....	398	43	87	131	82	41	11	2	Q
50 to 99 .....	147	Q	Q	42	44	31	15	4	Q
100 to 249 .....	77	Q	Q	Q	17	21	18	6	Q
250 or More .....	30	N	N	N	Q	5	10	8	5
<b>Weekly Operating Hours</b>									
Fewer than 40 .....	1,002	689	179	99	20	9	4	Q	Q
40 to 48 .....	1,117	628	238	166	48	26	8	2	Q
49 to 60 .....	1,062	532	197	206	73	33	13	6	1
61 to 84 .....	591	262	114	130	50	18	13	3	1
85 to 167 .....	400	213	84	51	16	20	11	4	Q
Open Continuously .....	475	228	77	85	35	22	16	9	3
<b>Ownership and Occupancy</b>									
Nongovernment Owned .....	4,011	2,272	783	625	185	82	43	16	5
Owner Occupied .....	1,841	980	384	320	91	35	21	7	2
Nonowner Occupied .....	2,029	1,205	375	293	86	40	20	8	3
Unoccupied .....	141	87	Q	Q	Q	Q	Q	Q	N
Government Owned .....	635	280	106	113	56	47	22	9	2
Federal .....	46	Q	Q	Q	Q	Q	Q	2	1
State .....	164	77	Q	40	16	9	8	1	Q
Local .....	425	183	87	64	36	37	12	5	Q
<b>Vacancy Status</b>									
Completely Vacant .....	157	100	Q	Q	Q	Q	Q	Q	Q
Mostly Vacant .....	25	Q	Q	Q	Q	Q	Q	N	N
Partially Vacant .....	548	269	91	108	37	22	12	6	3
Not At All Vacant .....	3,915	2,175	769	610	191	100	50	17	3
<b>Number of Establishments</b>									
One .....	3,754	2,131	720	590	163	87	43	15	3
2 to 5 .....	643	311	136	104	50	25	11	5	1
6 to 10 .....	55	Q	Q	22	11	4	4	Q	Q
11 to 20 .....	23	Q	N	Q	Q	5	Q	1	Q
More than 20 .....	14	N	Q	Q	Q	Q	Q	2	1
Currently Unoccupied .....	157	100	Q	Q	Q	Q	Q	Q	Q

CONTINUED

**Table B6. Building Size, Number of Buildings for Non-Mall Buildings, 2003**

	Number of Buildings (thousand)								
	All Buildings*	Building Size							
		1,001 to 5,000 Square Feet	5,001 to 10,000 Square Feet	10,000 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
<b>All Buildings*</b> .....	4,645	2,552	889	738	241	129	65	25	7
<b>Predominant Exterior Wall Material</b>									
Brick, Stone or Stucco .....	2,044	978	421	387	135	71	35	13	3
Concrete (Block or Poured) .....	786	449	130	119	44	26	12	4	1
Concrete Panels .....	131	36	24	22	20	12	10	4	2
Siding or Shingles .....	779	587	117	56	12	Q	Q	Q	Q
Metal Panels .....	825	457	184	142	26	10	4	Q	Q
Window Glass .....	17	Q	Q	Q	Q	Q	Q	Q	Q
Other .....	47	Q	Q	Q	Q	Q	Q	Q	Q
No One Major Type .....	18	Q	Q	Q	Q	Q	Q	Q	Q
<b>Predominant Roof Material</b>									
Built-Up .....	1,036	494	191	173	91	51	25	8	4
Shingles (Not Wood) .....	1,325	847	234	183	46	8	4	3	Q
Metal Surfacing .....	1,288	721	272	225	41	19	7	Q	Q
Synthetic or Rubber .....	511	206	100	92	41	38	23	9	2
Slate or Tile .....	263	155	53	36	12	4	Q	Q	Q
Wooden Materials .....	122	91	Q	Q	Q	Q	Q	Q	N
Concrete .....	61	Q	Q	Q	Q	Q	Q	Q	Q
Other .....	16	Q	Q	Q	Q	Q	Q	Q	Q
No One Major Type .....	25	Q	Q	Q	Q	Q	Q	Q	Q
<b>Renovations in Buildings Constructed Before 1980 (more than one may apply)</b>									
Any Type of Renovation									
Since 1980 .....	1,018	489	219	170	77	35	18	8	2
Addition or Annex .....	256	104	51	44	28	16	8	3	1
Reduction In Floorspace .....	22	Q	Q	Q	Q	Q	Q	Q	Q
Cosmetic Improvements .....	741	356	154	130	54	26	13	6	2
Wall or Roof Replacement .....	370	156	98	60	29	14	8	4	1
Interior Wall									
Re-Configuration .....	411	190	84	80	27	15	8	4	2
HVAC Equipment Upgrade .....	442	164	95	100	43	22	12	6	2
Lighting Upgrade .....	455	183	94	102	37	21	11	5	2
Window Replacement .....	310	134	65	64	24	14	6	3	1
Plumbing System Upgrade .....	315	128	73	66	23	13	7	4	1
Insulation Upgrade .....	227	124	38	35	16	8	4	2	1
Other Renovation .....	19	Q	Q	Q	Q	Q	Q	Q	Q
No Renovations Since 1980 .....	1,710	979	349	255	72	32	15	7	1
Building Newer than 1980 .....	1,917	1,084	321	312	92	62	32	10	3
<b>Energy Sources (more than one may apply)</b>									
Electricity .....	4,404	2,384	834	727	234	128	65	24	7
Natural Gas .....	2,391	1,110	496	450	168	95	48	19	5
Fuel Oil .....	451	209	99	61	22	23	21	12	4
District Heat .....	67	Q	Q	18	10	8	9	4	2
District Chilled Water .....	33	Q	Q	Q	6	5	6	2	1
Propane .....	502	295	100	64	18	13	7	4	Q
Other .....	132	79	Q	Q	Q	Q	Q	Q	Q

CONTINUED

**Table B6. Building Size, Number of Buildings for Non-Mall Buildings, 2003**

	Number of Buildings (thousand)								
	All Buildings*	Building Size							
		1,001 to 5,000 Square Feet	5,001 to 10,000 Square Feet	10,000 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
<b>All Buildings*</b> .....	4,645	2,552	889	738	241	129	65	25	7
<b>Energy End Uses (more than one may apply)</b>									
Buildings with Space Heating .....	3,982	2,100	782	659	225	123	62	24	6
Buildings with Cooling .....	3,625	1,841	732	629	216	118	60	23	6
Buildings with Water Heating .....	3,472	1,715	725	607	217	119	60	23	6
Buildings with Cooking .....	801	354	155	127	69	50	28	14	4
Buildings with Manufacturing .....	119	Q	29	28	Q	8	3	2	Q
Buildings with Electricity Generation .....	149	Q	Q	31	18	25	21	10	4
<b>Percent of Floorspace Heated</b>									
Not Heated .....	663	452	107	79	16	Q	Q	Q	Q
1 to 50 .....	523	262	112	107	22	13	5	Q	Q
51 to 99 .....	498	258	99	89	27	13	6	4	2
100 .....	2,962	1,580	570	463	176	98	52	19	4
<b>Percent of Floorspace Cooled</b>									
Not Cooled .....	1,020	710	157	109	25	11	5	Q	Q
1 to 50 .....	985	407	226	225	64	41	14	6	Q
51 to 99 .....	629	279	133	126	43	25	14	7	2
100 .....	2,011	1,155	374	277	109	52	32	10	3
<b>Percent Lit When Open</b>									
Zero .....	47	Q	Q	Q	Q	Q	N	Q	N
1 to 50 .....	929	524	149	184	47	16	7	Q	Q
51 to 99 .....	1,108	540	220	203	80	37	18	8	2
100 .....	2,176	1,184	444	323	102	69	37	14	4
Building Never Open/ Electricity Not Used .....	386	268	73	Q	Q	Q	Q	Q	Q
<b>Percent Lit When Closed</b>									
Zero .....	1,964	1,205	374	272	66	30	12	4	Q
1 to 50 .....	1,882	903	376	352	129	72	35	11	2
51 to 100 .....	136	87	Q	19	Q	5	2	Q	Q
Building Never Closed/ Electricity Not Used .....	664	356	121	95	41	22	16	9	3
<b>Heating Equipment (more than one may apply)</b>									
Heat Pumps .....	476	258	63	86	33	21	9	5	1
Packaged Heat Pumps .....	278	150	40	46	21	12	6	2	1
Split-System Heat Pumps .....	166	95	Q	30	9	7	Q	Q	Q
Individual Room Heat Pumps .....	58	Q	Q	15	10	8	3	2	Q
Furnaces .....	1,864	1,039	391	307	76	30	15	5	1
Individual Space Heaters .....	819	415	170	142	49	25	12	5	1
District Heat .....	65	Q	Q	18	9	8	9	4	2
Boilers .....	579	162	105	138	78	49	31	13	3
Packaged Heating Units .....	953	423	214	170	69	47	20	7	2
Other .....	205	121	Q	28	13	6	Q	2	Q

CONTINUED

**Table B6. Building Size, Number of Buildings for Non-Mall Buildings, 2003**

	Number of Buildings (thousand)								
	All Buildings*	Building Size							
		1,001 to 5,000 Square Feet	5,001 to 10,000 Square Feet	10,000 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
<b>All Buildings*</b> .....	4,645	2,552	889	738	241	129	65	25	7
<b>Cooling Equipment (more than one may apply)</b>									
Residential-Type Central									
Air Conditioners .....	1,006	581	207	140	47	19	8	4	1
Heat Pumps .....	492	260	78	87	33	20	8	4	1
Packaged Heat Pumps .....	288	147	51	49	19	12	6	2	1
Split-System Heat Pumps .....	174	100	Q	30	10	6	Q	Q	Q
Individual Room Heat Pumps .....	58	Q	Q	15	10	7	3	2	1
Individual Air Conditioners .....	742	383	134	114	62	27	16	4	1
District Chilled Water .....	33	Q	Q	Q	6	5	6	2	1
Central Chillers .....	111	Q	Q	26	19	24	17	10	3
Packaged Air Conditioning									
Units .....	1,613	678	367	332	119	67	32	13	3
Swamp Coolers .....	122	58	26	26	Q	Q	Q	Q	Q
Other .....	40	Q	Q	Q	Q	Q	Q	Q	Q
<b>Main Equipment Replaced Since 1990 (more than one may apply)</b>									
Heating .....	1,197	615	233	220	76	34	13	5	1
Cooling .....	1,356	662	288	251	87	41	18	8	2
<b>Lighting Equipment Types (more than one may apply)</b>									
Incandescent .....	2,184	1,070	416	412	145	75	43	17	5
Standard Fluorescent .....	3,943	2,068	772	665	223	123	62	24	6
Compact Fluorescent .....	941	382	148	189	102	60	38	16	5
High Intensity Discharge .....	455	101	88	105	60	51	32	13	4
Halogen .....	565	205	107	123	55	37	25	10	4
Other .....	8	Q	Q	Q	N	Q	Q	Q	Q
<b>Refrigeration Equipment (more than one may apply)<sup>a</sup></b>									
Any Refrigeration.....	3,176	1,591	642	548	196	114	58	21	6
Commercial Refrigeration .....	1,007	486	188	138	78	60	36	16	5
Walk-In Units .....	666	332	124	75	44	44	29	14	5
Cases or Cabinets .....	825	416	146	118	60	41	27	11	4
Residential-Type Units .....	2,370	1,159	494	427	148	81	41	16	4
Vending Machines .....	996	268	181	250	134	89	48	19	6
No Refrigeration .....	1,469	961	247	190	45	15	7	3	Q
<b>Office Equipment (more than one may apply)</b>									
Computers .....	3,081	1,405	643	599	222	123	59	23	6
With Flat Screen Monitors .....	877	310	176	190	94	53	33	17	5
Dedicated Servers .....	1,175	385	209	286	135	87	46	21	6
Laser Printers .....	1,970	915	400	386	145	77	32	12	3
Inkjet Printers .....	1,420	562	291	313	127	71	36	14	5
FAX Machines .....	2,715	1,227	545	529	206	119	60	22	6
Photocopiers .....	1,939	706	412	439	189	108	57	22	6

CONTINUED

**Table B6. Building Size, Number of Buildings for Non-Mall Buildings, 2003**

	Number of Buildings (thousand)								
	All Buildings*	Building Size							
		1,001 to 5,000 Square Feet	5,001 to 10,000 Square Feet	10,000 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
<b>All Buildings*</b> .....	4,645	2,552	889	738	241	129	65	25	7
<b>Number of Computers</b>									
None .....	1,565	1,147	246	139	19	6	Q	Q	Q
1 to 4 .....	1,670	997	373	244	37	13	5	Q	N
5 to 9 .....	559	241	135	128	36	15	4	Q	Q
10 to 19 .....	370	138	74	89	42	17	7	Q	Q
20 to 49 .....	255	Q	60	93	50	18	7	3	Q
50 to 99 .....	110	Q	Q	37	35	21	6	3	Q
100 to 249 .....	79	Q	N	Q	21	30	14	4	Q
250 or More .....	38	N	N	N	Q	7	15	9	5
<b>Number of Dedicated Servers</b>									
None .....	3,471	2,166	680	452	106	41	20	4	Q
1 to 4 .....	1,060	380	197	260	112	68	30	12	1
5 to 9 .....	58	Q	Q	Q	13	10	6	2	1
10 to 19 .....	30	Q	Q	Q	Q	5	5	3	1
20 to 49 .....	17	N	N	Q	Q	Q	3	2	1
50 or More .....	10	N	N	Q	Q	Q	Q	2	2
<b>Number of Photocopiers</b>									
None .....	2,706	1,846	477	299	52	20	8	Q	Q
One .....	1,250	565	296	267	78	30	10	3	Q
2 to 4 .....	549	131	110	148	82	50	23	5	Q
5 to 9 .....	85	Q	Q	19	17	15	11	6	Q
10 or More .....	54	N	N	Q	11	14	13	8	5
<b>Energy-Related Space Functions (more than one may apply)</b>									
Commercial Food Preparation .....	799	352	155	127	69	50	28	14	4
Activities with Large Amounts of Hot Water .....	567	161	134	114	71	45	27	12	4
Separate Computer Area .....	553	115	81	137	91	68	37	18	6
<b>HVAC Conservation Features (more than one may apply)</b>									
Variable Air-Volume System .....	466	154	72	92	56	45	30	13	4
Economizer Cycle .....	508	164	83	100	61	49	33	14	4
HVAC Maintenance .....	2,581	1,187	507	486	198	113	60	23	6
Energy Management and Control System (EMCS) .....	252	55	29	49	41	37	26	11	4
<b>Window and Interior Lighting Features (more than one may apply)</b>									
Multipaned Windows .....	2,201	1,053	441	421	140	80	46	16	5
Tinted Window Glass .....	1,323	564	288	254	99	62	36	15	5
Reflective Window Glass .....	308	146	39	63	27	13	12	5	2
External Overhangs or Awnings .....	1,233	636	267	202	70	31	19	7	1
Skylights or Atriums .....	331	114	54	68	37	29	17	10	2
Daylighting Sensors .....	74	Q	Q	Q	6	5	3	2	1
Specular Reflectors .....	928	382	163	181	99	51	30	17	5
Electronic Ballasts .....	2,577	1,265	525	431	175	101	51	22	6
Energy Management and Control System (EMCS) for Lighting .....	60	Q	Q	Q	11	8	6	4	2

CONTINUED

**Table B6. Building Size, Number of Buildings for Non-Mall Buildings, 2003**

	Number of Buildings (thousand)								
	All Buildings*	Building Size							
		1,001 to 5,000 Square Feet	5,001 to 10,000 Square Feet	10,000 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* .....	4,645	2,552	889	738	241	129	65	25	7
<b>Equipment Usage Reduced When Building Not In Full Use (more than one may apply)<sup>a</sup></b>									
Heating .....	2,878	1,529	553	485	160	88	42	17	5
Cooling .....	2,761	1,424	538	477	169	87	43	18	5
Lighting .....	3,685	2,001	725	610	191	96	45	14	3
Office Equipment .....	1,504	756	317	278	86	42	18	6	Q

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.

<sup>a</sup> The definition for one or more of these row items has changed and may not be directly comparable with past CBECS estimates. See "Guide to the Tables" for discussion of the differences.

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.

Notes: ● HVAC = Heating, Ventilation, and Air Conditioning. ● 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.