

**Table B10. Number of Floors, Number of Buildings and Floorspace for Non-Mall Buildings, 2003**

	Number of Buildings (thousand)						Total Floorspace (million square feet)					
	All Build-ings*	One Floor	Two Floors	Three Floors	Four to Nine Floors	Ten or More Floors	All Build-ings*	One Floor	Two Floors	Three Floors	Four to Nine Floors	Ten or More Floors
<b>All Buildings*</b> .....	4,645	3,136	1,031	339	128	12	64,783	25,981	16,270	7,501	10,085	4,947
<b>Building Floorspace (Square Feet)</b>												
1,001 to 5,000 .....	2,552	2,014	411	115	Q	N	6,789	5,192	1,217	343	Q	N
5,001 to 10,000 .....	889	564	239	70	Q	N	6,585	4,150	1,814	504	Q	N
10,001 to 25,000 .....	738	399	248	74	18	Q	11,535	6,160	3,966	1,115	292	Q
25,001 to 50,000 .....	241	92	77	46	26	Q	8,668	3,296	2,772	1,631	964	Q
50,001 to 100,000 .....	129	46	35	21	25	Q	9,057	3,187	2,456	1,481	1,822	Q
100,001 to 200,000 .....	65	16	13	11	23	3	9,064	2,159	1,896	1,418	3,150	442
200,001 to 500,000 .....	25	4	6	3	8	4	7,176	1,134	1,775	730	2,186	1,350
Over 500,000 .....	7	Q	Q	Q	2	3	5,908	Q	Q	Q	1,516	3,036
<b>Principal Building Activity</b>												
Education .....	386	281	60	31	14	Q	9,874	3,696	2,911	1,639	1,585	Q
Food Sales .....	226	183	29	Q	Q	N	1,255	961	263	Q	Q	N
Food Service .....	297	210	54	28	Q	N	1,654	937	379	176	Q	N
Health Care .....	129	69	38	14	6	1	3,163	522	523	378	1,178	561
Inpatient .....	8	Q	Q	Q	3	1	1,905	Q	Q	Q	989	527
Outpatient .....	121	68	37	Q	3	Q	1,258	441	428	Q	189	Q
Lodging .....	142	48	52	17	23	3	5,096	646	950	618	2,007	875
Retail (Other Than Mall).....	443	311	103	25	Q	Q	4,317	2,742	932	416	Q	Q
Office .....	824	441	234	98	44	6	12,208	2,460	2,269	1,810	2,644	3,025
Public Assembly .....	277	168	81	16	11	Q	3,939	1,448	1,428	308	693	Q
Public Order and Safety .....	71	50	Q	Q	Q	Q	1,090	371	Q	Q	Q	Q
Religious Worship .....	370	193	134	40	Q	N	3,754	1,255	1,613	737	Q	N
Service .....	622	510	95	Q	Q	N	4,050	2,713	1,000	Q	Q	N
Warehouse and Storage .....	597	493	84	Q	Q	Q	10,078	6,637	2,684	Q	Q	Q
Other .....	79	57	15	Q	4	Q	1,738	630	375	Q	518	Q
Vacant .....	182	122	38	Q	Q	N	2,567	963	780	Q	Q	N
<b>Year Constructed</b>												
Before 1920 .....	330	80	116	92	41	Q	3,769	348	913	856	1,393	Q
1920 to 1945 .....	527	236	187	78	25	2	6,871	1,730	1,539	1,396	1,525	681
1946 to 1959 .....	562	374	135	46	6	1	7,045	2,771	2,095	1,218	485	475
1960 to 1969 .....	579	402	122	42	10	2	8,101	3,474	2,188	795	1,013	630
1970 to 1979 .....	731	536	148	32	13	1	10,772	4,484	2,977	946	1,570	797
1980 to 1989 .....	707	536	130	21	16	3	10,332	3,856	2,336	724	1,924	1,492
1990 to 1999 .....	876	699	141	23	11	Q	12,360	6,577	2,976	960	1,485	Q
2000 to 2003 .....	334	272	51	5	6	Q	5,533	2,742	1,245	605	690	Q
<b>Census Region</b>												
Northeast .....	726	312	230	130	50	4	12,905	3,151	3,029	2,083	3,003	1,640
Midwest .....	1,266	801	328	107	29	2	17,080	6,104	5,177	2,584	2,660	555
South .....	1,775	1,381	289	68	33	4	23,489	11,757	4,946	1,938	3,094	1,754
West .....	878	642	183	35	16	3	11,310	4,969	3,118	896	1,328	999
<b>Climate Zone: 30-Year Average</b>												
Under 2,000 CDD and --												
More than 7,000 HDD .....	855	526	214	90	25	1	10,622	3,750	3,146	1,664	1,731	330
5,500-7,000 HDD .....	1,173	677	333	126	34	3	17,335	6,253	4,867	2,643	2,525	1,047
4,000-5,499 HDD .....	673	400	159	70	40	4	11,504	3,156	2,623	1,228	2,744	1,752
Fewer than 4,000 HDD .....	1,276	1,017	198	41	17	3	15,739	8,011	3,423	1,473	1,982	850
2,000 CDD or More and --												
Fewer than 4,000 HDD .....	669	516	127	12	12	2	9,584	4,810	2,210	492	1,103	968

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	All Buildings*	One Floor	Two Floors	Three Floors	Four to Nine Floors	Ten or More Floors	All Buildings*	One Floor	Two Floors	Three Floors	Four to Nine Floors	Ten or More Floors
<b>All Buildings*</b> .....	4,645	3,136	1,031	339	128	12	64,783	25,981	16,270	7,501	10,085	4,947
<b>Elevators and Escalators (more than one may apply)</b>												
Any Elevators .....	309	N	121	91	85	12	24,617	N	5,636	4,758	9,276	4,947
Number of Elevators												
One .....	208	N	110	69	30	Q	8,221	N	4,446	2,416	1,355	Q
Two to Five .....	88	N	10	22	51	5	10,129	N	1,129	2,178	5,851	971
Six or More .....	13	N	Q	Q	5	7	6,268	N	Q	Q	2,069	3,973
Any Escalators .....	6	N	Q	Q	2	2	2,350	N	Q	Q	631	1,443
<b>Number of Workers (main shift)</b>												
Fewer than 5 .....	2,653	2,005	491	134	23	N	15,492	9,898	3,706	1,282	605	N
5 to 9 .....	778	515	174	77	12	Q	6,166	3,480	1,627	637	404	Q
10 to 19 .....	563	333	162	48	20	Q	7,803	3,538	2,277	942	1,040	Q
20 to 49 .....	398	198	134	40	24	Q	10,989	4,535	3,664	1,325	1,249	Q
50 to 99 .....	147	69	41	19	17	Q	7,934	2,649	2,254	1,321	1,470	Q
100 to 249 .....	77	13	25	18	19	2	6,871	1,250	1,774	1,341	2,134	372
250 or More .....	30	3	4	3	13	7	9,528	630	968	653	3,182	4,095
<b>Weekly Operating Hours</b>												
Fewer than 40 .....	1,002	736	204	53	8	N	6,863	3,647	2,112	604	499	N
40 to 48 .....	1,117	757	254	81	25	Q	11,622	5,372	3,560	1,408	971	Q
49 to 60 .....	1,062	689	251	88	30	3	15,723	6,878	3,843	1,807	2,031	1,164
61 to 84 .....	591	362	145	61	21	2	10,334	4,008	2,531	1,549	1,372	875
85 to 167 .....	400	304	60	26	10	Q	7,092	3,103	1,938	752	1,127	Q
Open Continuously .....	475	287	117	31	34	5	13,149	2,974	2,286	1,380	4,084	2,425
<b>Ownership and Occupancy</b>												
Nongovernment Owned .....	4,011	2,675	921	303	102	10	49,421	20,203	12,450	5,694	6,678	4,396
Owner Occupied .....	1,841	1,119	478	175	65	4	23,591	8,613	5,914	3,061	3,822	2,181
Nonowner Occupied .....	2,029	1,454	414	120	36	6	23,914	10,719	5,901	2,402	2,677	2,215
Unoccupied .....	141	102	29	Q	Q	N	1,916	870	636	Q	Q	N
Government Owned .....	635	461	110	37	26	2	15,363	5,779	3,819	1,807	3,406	551
Federal .....	46	35	Q	Q	2	0	1,956	902	Q	Q	650	136
State .....	164	114	28	9	13	Q	3,808	917	842	349	1,531	Q
Local .....	425	312	79	22	11	Q	9,599	3,959	2,834	1,332	1,226	Q
<b>Vacancy Status</b>												
Completely Vacant .....	157	111	33	Q	Q	N	2,161	889	652	Q	Q	N
Mostly Vacant .....	25	Q	Q	Q	Q	N	406	Q	Q	Q	Q	N
Partially Vacant .....	548	323	120	57	43	6	12,382	2,671	2,495	1,565	2,791	2,859
Not At All Vacant .....	3,915	2,691	872	264	82	6	49,834	22,347	12,994	5,544	6,861	2,088
<b>Number of Establishments</b>												
One .....	3,754	2,670	757	244	79	3	45,144	20,956	11,910	5,084	5,860	1,332
2 to 5 .....	643	333	211	64	31	3	10,960	3,717	2,858	1,279	2,335	772
6 to 10 .....	55	17	19	9	8	Q	1,958	265	527	259	697	Q
11 to 20 .....	23	Q	Q	5	5	1	1,951	Q	Q	481	496	693
More than 20 .....	14	Q	Q	Q	2	3	2,609	Q	Q	Q	345	1,940
Currently Unoccupied .....	157	111	33	Q	Q	N	2,161	889	652	Q	Q	N

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	All Buildings*	One Floor	Two Floors	Three Floors	Four to Nine Floors	Ten or More Floors	All Buildings*	One Floor	Two Floors	Three Floors	Four to Nine Floors	Ten or More Floors
<b>All Buildings*</b> .....	4,645	3,136	1,031	339	128	12	64,783	25,981	16,270	7,501	10,085	4,947
<b>Predominant Exterior Wall Material</b>												
Brick, Stone or Stucco .....	2,044	1,181	550	221	87	6	32,817	11,171	8,286	4,955	6,221	2,183
Concrete (Block or Poured) .....	786	586	153	29	15	2	10,832	4,865	3,076	885	1,399	607
Concrete Panels .....	131	78	32	8	11	2	6,559	2,027	1,475	450	1,510	1,098
Siding or Shingles .....	779	541	161	70	Q	Q	4,120	2,247	1,121	663	Q	Q
Metal Panels .....	825	717	98	Q	Q	Q	7,912	5,364	1,836	Q	Q	Q
Window Glass .....	17	Q	Q	Q	3	Q	1,024	Q	Q	Q	336	Q
Other .....	47	Q	26	Q	Q	Q	1,113	Q	257	Q	Q	Q
No One Major Type .....	18	Q	Q	Q	Q	Q	406	Q	Q	Q	Q	Q
<b>Predominant Roof Material</b>												
Built-Up .....	1,036	635	266	77	52	6	21,170	6,713	5,475	2,370	4,042	2,571
Shingles (Not Wood) .....	1,325	869	320	113	21	Q	10,195	4,557	3,249	1,305	839	Q
Metal Surfacing .....	1,288	1,086	172	28	Q	Q	11,944	8,397	2,678	559	Q	Q
Synthetic or Rubber .....	511	259	145	68	34	4	14,730	4,041	3,241	2,193	3,650	1,605
Slate or Tile .....	263	144	70	38	11	Q	2,462	793	642	605	385	Q
Wooden Materials .....	122	76	36	Q	Q	Q	887	363	317	Q	Q	Q
Concrete .....	61	42	Q	Q	4	Q	2,231	808	Q	Q	Q	Q
Other .....	16	Q	Q	Q	Q	Q	598	Q	Q	Q	Q	Q
No One Major Type .....	25	Q	Q	Q	Q	Q	565	Q	Q	Q	Q	Q
<b>Renovations in Buildings Constructed Before 1980 (more than one may apply)</b>												
Since 1980 .....	1,018	521	308	140	44	5	17,844	4,985	5,121	2,878	3,047	1,812
Addition or Annex .....	256	146	68	28	13	1	6,551	1,731	2,188	1,024	1,025	582
Reduction In Floorspace .....	22	Q	Q	Q	Q	Q	1,012	Q	Q	Q	Q	Q
Cosmetic Improvements .....	741	345	246	110	37	3	13,119	3,416	3,935	1,852	2,442	1,474
Wall or Roof Replacement .....	370	182	118	50	19	2	8,070	1,892	2,625	1,010	1,525	1,018
Interior Wall												
Re-Configuration .....	411	183	135	64	25	3	8,518	1,905	2,622	1,024	1,706	1,261
HVAC Equipment Upgrade .....	442	177	157	72	31	3	10,768	2,362	3,053	1,576	2,302	1,476
Lighting Upgrade .....	455	202	151	71	27	3	10,275	2,335	3,084	1,448	2,092	1,317
Window Replacement .....	310	118	110	59	22	1	6,354	1,189	1,965	1,001	1,412	787
Plumbing System Upgrade .....	315	140	108	45	19	2	7,144	1,510	2,200	782	1,510	1,142
Insulation Upgrade .....	227	106	75	29	17	1	4,015	1,121	1,154	470	852	417
Other Renovation .....	19	Q	Q	Q	Q	Q	523	Q	Q	Q	Q	Q
No Renovations Since 1980 .....	1,710	1,107	401	149	51	2	18,714	7,821	4,592	2,333	2,939	1,029
Building Newer than 1980 .....	1,917	1,507	322	50	33	5	28,225	13,174	6,557	2,289	4,099	2,105
<b>Energy Sources (more than one may apply)</b>												
Electricity .....	4,404	2,919	1,011	333	128	12	63,307	24,935	15,978	7,381	10,065	4,947
Natural Gas .....	2,391	1,431	617	242	93	9	43,468	14,940	11,441	5,668	7,670	3,749
Fuel Oil .....	451	209	142	57	34	9	15,157	2,518	2,724	1,914	4,101	3,899
District Heat .....	67	14	19	11	20	3	5,443	Q	515	458	2,473	1,366
District Chilled Water .....	33	10	6	4	11	1	2,853	259	302	262	1,458	571
Propane .....	502	362	98	35	6	Q	7,076	3,403	2,004	923	512	Q
Other .....	61	35	Q	Q	Q	Q	909	338	Q	Q	Q	Q

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<b>All Buildings*</b> .....	4,645	3,136	1,031	339	128	12	64,783	25,981	16,270	7,501	10,085	4,947
<b>Energy End Uses (more than one may apply)</b>												
Buildings with Space Heating .....	3,982	2,566	960	319	125	12	60,028	22,744	15,408	7,198	9,744	4,933
Buildings with Cooling .....	3,625	2,340	864	290	120	12	56,940	21,419	14,544	6,437	9,673	4,867
Buildings with Water Heating .....	3,472	2,134	899	304	124	11	56,478	20,164	14,914	6,915	9,688	4,796
Buildings with Cooking .....	801	462	201	90	42	6	22,237	5,784	5,265	2,909	5,021	3,258
Buildings with Manufacturing .....	119	79	27	Q	2	Q	3,138	1,127	1,095	Q	305	Q
Buildings with Electricity Generation .....	149	59	39	19	25	7	12,821	1,835	2,177	1,398	3,914	3,496
<b>Lighting Equipment Types (more than one may apply)</b>												
Incandescent .....	2,184	1,191	628	254	102	10	38,528	10,640	9,812	5,620	8,192	4,264
Standard Fluorescent .....	3,943	2,583	916	310	122	11	59,688	22,875	15,172	7,057	9,691	4,893
Compact Fluorescent .....	941	456	295	108	71	10	27,571	5,431	6,571	3,914	7,324	4,332
High Intensity Discharge .....	455	260	116	41	32	6	20,643	6,176	4,893	2,582	4,088	2,904
Halogen .....	565	278	186	53	42	7	17,703	3,811	4,590	2,026	4,145	3,131
Other .....	8	Q	Q	Q	Q	Q	269	Q	Q	Q	Q	Q
<b>Window and Interior Lighting Features (more than one may apply)</b>												
Multipaned Windows .....	2,201	1,293	602	216	83	7	38,910	12,346	10,522	5,410	7,340	3,291
Tinted Window Glass .....	1,323	841	338	90	46	8	29,887	9,736	7,347	3,429	5,541	3,835
Reflective Window Glass .....	308	193	72	27	13	3	8,544	1,856	2,015	1,353	1,748	1,571
External Overhangs or Awnings .....	1,233	817	282	93	39	2	17,242	7,117	4,490	2,075	2,631	930
Skylights or Atriums .....	331	166	94	46	21	3	12,546	2,783	3,446	1,664	3,032	1,621
Daylighting Sensors .....	74	37	25	4	7	1	2,868	442	695	314	887	531
Specular Reflectors .....	928	561	222	84	52	8	26,118	7,764	5,520	3,187	5,960	3,686
Electronic Ballasts .....	2,577	1,679	590	197	100	11	46,882	16,453	10,947	5,686	9,015	4,780
Energy Management and Control System (EMCS) for Lighting .....	60	38	10	4	6	2	4,781	1,153	962	370	1,091	1,204

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/cbecs>.

\* 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.