

**Table B36. Percent of Floorspace Lit When Open, Number of Buildings and Floorspace for Non-Mall Buildings, 2003**

	Number of Buildings (thousand)					Total Floorspace (million square feet)				
	All Build-ings*	Not Lit <sup>a</sup>	1 to 50 Percent Lit	51 to 99 Percent Lit	100 Percent Lit	All Build-ings*	Not Lit <sup>a</sup>	1 to 50 Percent Lit	51 to 99 Percent Lit	100 Percent Lit
<b>All Buildings*</b> .....	4,645	432	929	1,108	2,176	64,783	3,503	10,203	18,288	32,789
<b>Building Floorspace (Square Feet)</b>										
1,001 to 5,000 .....	2,552	304	524	540	1,184	6,789	777	1,372	1,482	3,158
5,001 to 10,000 .....	889	77	149	220	444	6,585	558	1,124	1,671	3,233
10,001 to 25,000 .....	738	28	184	203	323	11,535	373	2,810	3,179	5,173
25,001 to 50,000 .....	241	12	47	80	102	8,668	454	1,705	2,807	3,702
50,001 to 100,000 .....	129	Q	16	37	69	9,057	Q	1,146	2,570	4,903
100,001 to 200,000 .....	65	Q	7	18	37	9,064	Q	1,025	2,442	5,187
200,001 to 500,000 .....	25	Q	Q	8	14	7,176	Q	Q	2,389	3,985
Over 500,000 .....	7	Q	Q	2	4	5,908	Q	Q	1,748	3,448
<b>Principal Building Activity</b>										
Education .....	386	Q	28	107	248	9,874	Q	332	4,202	5,299
Food Sales .....	226	Q	Q	45	142	1,255	Q	Q	317	812
Food Service .....	297	Q	43	61	192	1,654	Q	276	362	1,004
Health Care .....	129	N	Q	45	72	3,163	N	Q	1,230	1,841
Inpatient .....	8	N	Q	3	5	1,905	N	Q	817	1,060
Outpatient .....	121	N	Q	42	67	1,258	N	Q	414	781
Lodging .....	142	N	56	33	53	5,096	N	1,298	1,524	2,274
Retail (Other Than Mall).....	443	Q	63	126	254	4,317	Q	471	1,226	2,618
Office .....	824	N	144	274	406	12,208	N	1,088	4,585	6,535
Public Assembly .....	277	Q	74	76	114	3,939	Q	1,266	977	1,675
Public Order and Safety .....	71	Q	26	16	24	1,090	Q	137	242	691
Religious Worship .....	370	N	106	122	143	3,754	N	1,676	1,053	1,025
Service .....	622	43	149	113	316	4,050	145	617	825	2,463
Warehouse and Storage .....	597	187	165	65	180	10,078	990	2,410	1,328	5,351
Other .....	79	Q	Q	23	33	1,738	Q	Q	417	1,201
Vacant .....	182	169	Q	N	N	2,567	2,237	Q	N	N
<b>Year Constructed</b>										
Before 1920 .....	330	30	117	81	102	3,769	241	1,264	1,132	1,132
1920 to 1945 .....	527	57	113	124	233	6,871	557	1,417	1,731	3,166
1946 to 1959 .....	562	50	125	134	253	7,045	410	1,295	2,026	3,313
1960 to 1969 .....	579	36	131	133	279	8,101	383	1,456	2,437	3,824
1970 to 1979 .....	731	45	106	199	380	10,772	524	1,117	3,487	5,645
1980 to 1989 .....	707	61	131	167	348	10,332	309	1,193	3,077	5,752
1990 to 1999 .....	876	96	159	192	429	12,360	610	1,653	3,074	7,024
2000 to 2003 .....	334	57	47	77	153	5,533	469	808	1,324	2,933
<b>Census Region</b>										
Northeast .....	726	42	187	170	327	12,905	505	2,750	3,599	6,051
Midwest .....	1,266	145	279	355	488	17,080	1,247	2,753	5,299	7,781
South .....	1,775	201	281	357	936	23,489	1,293	3,189	6,134	12,874
West .....	878	44	182	227	425	11,310	458	1,512	3,256	6,083
<b>Climate Zone: 30-Year Average</b>										
Under 2,000 CDD and --										
More than 7,000 HDD .....	855	102	178	229	346	10,622	637	1,956	3,666	4,362
5,500-7,000 HDD .....	1,173	85	278	319	491	17,335	1,085	2,667	4,929	8,654
4,000-5,499 HDD .....	673	43	158	160	311	11,504	315	2,132	3,133	5,924
Fewer than 4,000 HDD .....	1,276	129	217	250	680	15,739	889	2,066	3,804	8,979
2,000 CDD or More and --										
Fewer than 4,000 HDD .....	669	72	98	150	348	9,584	576	1,382	2,756	4,870

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	All Build-ings*	Not Lit <sup>a</sup>	1 to 50 Percent Lit	51 to 99 Percent Lit	100 Percent Lit	All Build-ings*	Not Lit <sup>a</sup>	1 to 50 Percent Lit	51 to 99 Percent Lit	100 Percent Lit
<b>All Buildings*</b> .....	4,645	432	929	1,108	2,176	64,783	3,503	10,203	18,288	32,789
<b>Number of Floors</b>										
One .....	3,136	361	533	656	1,585	25,981	1,985	3,655	5,594	14,747
Two .....	1,031	53	264	283	431	16,270	826	3,394	4,633	7,415
Three .....	339	Q	103	117	104	7,501	Q	1,561	2,505	3,107
Four to Nine .....	128	Q	28	47	51	10,085	Q	1,179	3,721	4,822
Ten or More .....	12	N	Q	4	6	4,947	N	Q	1,835	2,697
<b>Number of Workers (main shift)</b>										
Fewer than 5 .....	2,653	426	726	497	1,003	15,492	3,412	4,560	2,585	4,935
5 to 9 .....	778	Q	114	231	429	6,166	Q	1,741	1,651	2,751
10 to 19 .....	563	Q	56	165	341	7,803	Q	1,512	2,155	4,124
20 to 49 .....	398	Q	27	128	242	10,989	Q	1,235	3,297	6,427
50 to 99 .....	147	Q	5	49	92	7,934	Q	678	2,915	4,314
100 to 249 .....	77	N	Q	26	50	6,871	N	Q	2,337	4,453
250 or More .....	30	N	Q	10	19	9,528	N	Q	3,348	5,784
<b>Weekly Operating Hours</b>										
Fewer than 40 .....	1,002	279	199	198	325	6,863	2,696	1,257	1,177	1,734
40 to 48 .....	1,117	Q	240	293	561	11,622	Q	2,233	3,401	5,881
49 to 60 .....	1,062	Q	216	282	549	15,723	Q	2,697	4,614	8,296
61 to 84 .....	591	Q	88	164	328	10,334	Q	1,082	3,468	5,762
85 to 167 .....	400	Q	58	86	226	7,092	Q	706	2,000	4,192
Open Continuously .....	475	76	127	85	187	13,149	368	2,228	3,629	6,924
<b>Vacancy Status</b>										
Completely Vacant .....	157	157	N	N	N	2,161	2,161	N	N	N
Mostly Vacant .....	25	Q	Q	N	N	406	Q	Q	N	N
Partially Vacant .....	548	69	145	137	197	12,382	321	2,146	4,399	5,516
Not At All Vacant .....	3,915	194	771	971	1,980	49,834	945	7,727	13,889	27,273
<b>Energy Sources (more than one may apply)</b>										
Electricity .....	4,404	190	929	1,108	2,176	63,307	2,026	10,203	18,288	32,789
Natural Gas .....	2,391	63	473	669	1,187	43,468	1,140	6,486	13,050	22,792
Fuel Oil .....	451	Q	109	127	205	15,157	Q	2,124	5,298	7,605
District Heat .....	67	Q	16	14	37	5,443	Q	313	1,896	3,106
District Chilled Water .....	33	Q	Q	10	21	2,853	Q	Q	1,128	1,541
Propane .....	502	Q	126	126	238	7,076	Q	1,167	1,964	3,735
Other .....	132	Q	Q	37	64	1,401	Q	Q	530	667
<b>Energy End Uses (more than one may apply)</b>										
Buildings with Space Heating .....	3,982	118	796	1,035	2,033	60,028	1,510	9,295	17,648	31,575
Buildings with Cooling .....	3,625	61	698	976	1,890	56,940	713	8,535	17,132	30,559
Buildings with Water Heating .....	3,472	72	689	948	1,764	56,478	932	8,621	17,130	29,795
Buildings with Cooking .....	801	Q	138	231	425	22,237	Q	2,817	7,918	11,367
Buildings with Manufacturing .....	119	Q	16	35	67	3,138	Q	574	957	1,566
Buildings with Electricity Generation .....	149	Q	19	55	75	12,821	Q	877	4,895	6,941
<b>Percent of Floorspace Heated</b>										
Not Heated .....	663	314	133	73	143	4,756	1,993	909	640	1,214
1 to 50 .....	523	31	247	87	157	6,850	343	2,916	1,248	2,343
51 to 99 .....	498	Q	83	263	137	8,107	Q	1,046	4,132	2,863
100 .....	2,962	71	466	685	1,739	45,071	1,102	5,333	12,267	26,370

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	All Build-ings*	Not Lit <sup>a</sup>	1 to 50 Percent Lit	51 to 99 Percent Lit	100 Percent Lit	All Build-ings*	Not Lit <sup>a</sup>	1 to 50 Percent Lit	51 to 99 Percent Lit	100 Percent Lit
<b>All Buildings* .....</b>	4,645	432	929	1,108	2,176	64,783	3,503	10,203	18,288	32,789
<b>Percent of Floorspace Cooled</b>										
Not Cooled .....	1,020	371	231	132	286	7,843	2,790	1,668	1,156	2,229
1 to 50 .....	985	24	378	210	374	16,598	414	4,053	3,820	8,311
51 to 99 .....	629	Q	89	304	228	13,211	Q	1,755	6,366	5,055
100 .....	2,011	29	231	462	1,289	27,132	264	2,727	6,947	17,194
<b>Percent Lit When Closed</b>										
Zero .....	1,964	132	483	442	907	17,385	1,147	3,954	3,842	8,442
1 to 50 .....	1,882	32	299	564	987	30,948	777	3,871	10,447	15,853
51 to 100 .....	136	Q	Q	18	96	2,093	Q	Q	370	1,570
Building Never Closed/ Electricity Not Used .....	664	265	127	85	187	14,357	1,576	2,228	3,629	6,924
<b>Lighting Equipment Types (more than one may apply)</b>										
Incandescent .....	2,184	Q	506	673	990	38,528	Q	6,483	12,947	18,667
Standard Fluorescent .....	3,943	28	814	1,053	2,048	59,688	714	9,412	17,816	31,745
Compact Fluorescent .....	941	Q	202	290	445	27,571	Q	3,456	9,855	14,115
High Intensity Discharge .....	455	Q	61	147	238	20,643	Q	1,947	7,153	11,234
Halogen .....	565	Q	99	174	286	17,703	Q	2,425	6,112	9,110
Other .....	8	N	Q	Q	Q	269	N	Q	Q	Q
<b>Window and Interior Lighting Features (more than one may apply)</b>										
Multipaned Windows .....	2,201	75	455	648	1,023	38,910	752	5,918	12,356	19,884
Tinted Window Glass .....	1,323	28	227	375	694	29,887	883	3,412	9,365	16,227
Reflective Window Glass .....	308	Q	74	79	146	8,544	Q	915	2,766	4,735
External Overhangs or Awnings .....	1,233	40	217	351	625	17,242	275	2,143	5,599	9,224
Skylights or Atriums .....	331	Q	69	104	143	12,546	Q	1,452	4,360	6,612
Daylighting Sensors .....	74	Q	21	24	28	2,868	Q	347	930	1,562
Specular Reflectors .....	928	Q	159	294	464	26,118	Q	2,945	8,622	14,233
Electronic Ballasts .....	2,577	14	493	732	1,337	46,882	481	6,236	14,735	25,429
Energy Management and Control System (EMCS) For Lighting .....	60	N	Q	14	44	4,781	N	Q	1,650	2,884
<b>Equipment Usage Reduced When Building Not In Full Use (more than one may apply)<sup>b</sup></b>										
Heating .....	2,878	79	571	771	1,457	42,722	1,034	6,656	12,937	22,095
Cooling .....	2,761	43	535	749	1,434	43,205	545	6,621	13,352	22,687
Lighting .....	3,685	N	749	1,007	1,930	46,987	N	7,465	14,401	25,121
Office Equipment .....	1,504	Q	319	372	798	19,397	Q	3,496	5,299	10,336

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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> "Not Lit" includes buildings that were zero percent lit when open, buildings that were never open, and buildings that did not use any electricity.

<sup>b</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.