

Table B30. Percent of Floorspace Lit When Open, Number of Buildings and Floorspace, 1999

	Number of Buildings (thousand)					Total Floorspace (million square feet)				
	All Buildings	Not Lit ^a	1 to 50 Percent Lit	51 to 99 Percent Lit	100 Percent Lit	All Buildings	Not Lit ^a	1 to 50 Percent Lit	51 to 99 Percent Lit	100 Percent Lit
All Buildings	4,657	498	835	1,228	2,096	67,338	3,253	9,187	20,665	34,233
Building Floorspace (Square Feet)										
1,001 to 5,000	2,348	323	351	517	1,156	6,774	915	1,061	1,499	3,299
5,001 to 10,000	1,110	114	279	351	367	8,238	818	2,014	2,614	2,793
10,001 to 25,000	708	47	147	198	316	11,153	796	2,320	3,085	4,953
25,001 to 50,000	257	10	40	84	124	9,311	325	1,474	3,013	4,499
50,001 to 100,000	145	Q	13	52	77	10,112	Q	925	3,657	5,387
100,001 to 200,000	59	Q	4	16	39	8,271	Q	529	2,247	5,407
200,001 to 500,000	23	Q	2	8	13	6,851	Q	448	2,345	3,914
Over 500,000	7	Q	0	3	4	6,628	Q	415	2,206	3,982
Principal Building Activity										
Education	327	Q	28	98	202	8,651	Q	503	3,492	4,644
Food Sales	174	Q	Q	46	95	994	Q	Q	160	621
Food Service	349	Q	68	109	171	1,851	Q	443	658	746
Health Care	127	N	Q	58	47	2,918	N	Q	1,475	1,383
Inpatient	11	N	N	6	5	1,865	N	N	1,022	843
Outpatient	116	N	Q	52	42	1,053	N	Q	453	540
Lodging	153	Q	29	50	70	4,521	Q	857	1,508	2,111
Mercantile	667	Q	101	206	352	10,398	Q	1,204	3,144	5,993
Retail (Other Than Mall)	534	Q	81	163	282	4,766	Q	638	1,459	2,616
Enclosed and Strip Malls	133	Q	Q	43	71	5,631	Q	567	1,685	3,376
Office	739	Q	93	264	381	12,044	Q	753	4,642	6,642
Public Assembly	305	Q	53	109	118	4,393	Q	616	1,862	1,811
Public Order and Safety	72	Q	Q	30	26	1,168	Q	Q	321	636
Religious Worship	307	N	78	89	141	3,405	N	1,056	993	1,357
Service	478	Q	104	111	250	3,388	Q	642	768	1,927
Warehouse and Storage	603	193	180	47	183	10,477	1,211	2,357	1,413	5,496
Other	102	Q	Q	Q	60	1,222	Q	Q	222	815
Vacant	253	222	31	Q	Q	1,908	1,553	297	Q	Q
Year Constructed										
1919 or Before	419	77	122	121	99	4,034	486	1,130	1,290	1,129
1920 to 1945	499	65	152	107	175	6,445	590	1,452	1,879	2,523
1946 to 1959	763	88	159	202	315	9,127	621	1,720	2,856	3,930
1960 to 1969	665	73	91	218	283	10,866	388	1,162	3,765	5,552
1970 to 1979	774	51	113	237	374	11,840	284	1,448	3,832	6,276
1980 to 1989	846	76	108	199	464	13,931	659	1,318	3,801	8,153
1990 to 1999	690	Q	91	144	387	11,094	Q	957	3,242	6,670
Floors										
One	2,879	367	391	614	1,507	26,800	1,938	3,498	6,059	15,305
Two	1,168	87	300	398	383	16,985	633	3,017	5,581	7,755
Three	420	27	111	136	147	8,928	309	1,589	3,339	3,691
Four to Nine	178	Q	32	75	53	10,180	Q	978	3,928	4,960
Ten or More	11	Q	Q	4	6	4,445	Q	Q	1,758	2,523
Census Region										
Northeast	686	79	123	194	291	12,360	582	1,620	4,081	6,077
Midwest	1,188	156	273	337	422	16,761	793	2,486	5,814	7,668
South	1,762	173	275	453	862	23,485	1,263	3,013	6,392	12,817
West	1,021	90	164	245	522	14,731	614	2,068	4,378	7,671

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Workers (main shift)										
Fewer than 5	2,376	467	558	487	865	14,321	3,096	3,999	2,822	4,404
5 to 9	807	Q	135	216	442	6,325	Q	1,649	1,733	2,869
10 to 19	683	Q	102	210	354	8,028	Q	1,679	2,336	3,930
20 to 49	487	N	32	190	264	10,814	N	996	3,974	5,844
50 to 99	174	N	7	78	90	8,898	N	405	3,562	4,931
100 to 249	90	N	Q	35	54	8,356	N	Q	2,485	5,526
250 or More	39	N	Q	12	27	10,595	N	Q	3,752	6,729
Weekly Operating Hours										
39 or Fewer	978	411	146	135	286	6,596	2,741	920	1,003	1,932
40 to 48	1,156	Q	280	346	521	13,105	Q	2,851	4,172	6,037
49 to 60	986	Q	209	279	490	14,200	Q	2,080	4,882	7,208
61 to 84	664	Q	72	194	361	12,458	Q	1,300	4,041	6,970
85 to 167	474	Q	59	162	237	9,116	Q	918	2,603	5,384
Open Continuously	398	Q	69	112	201	11,863	Q	1,118	3,964	6,702
Vacancy Status										
Completely Vacant	140	140	N	N	N	953	953	N	N	N
Mostly Vacant	113	82	31	Q	Q	956	601	297	Q	Q
Partially Vacant	697	142	158	225	172	15,520	904	2,180	5,417	7,018
Not At All Vacant	3,707	134	646	1,003	1,923	49,910	795	6,710	15,241	27,163
Energy Sources (more than one may apply)										
Electricity	4,395	236	835	1,228	2,096	65,716	1,631	9,187	20,665	34,233
Natural Gas	2,670	70	500	884	1,216	45,525	648	5,855	15,751	23,271
Fuel Oil	434	Q	53	150	211	13,285	Q	1,150	4,771	7,271
District Heat	117	N	17	44	56	5,891	N	444	2,024	3,423
District Chilled Water	50	N	Q	Q	21	2,750	N	Q	880	1,655
Propane	451	Q	82	96	257	6,290	Q	1,019	1,523	3,713
Other	153	Q	Q	48	82	2,322	Q	Q	1,025	1,140
Energy End Uses (more than one may apply)										
Buildings with Space Heating	4,016	118	741	1,162	1,995	61,602	752	8,175	19,950	32,725
Buildings with Cooling	3,560	58	658	1,096	1,748	58,474	538	7,379	19,348	31,209
Buildings with Water Heating	3,239	52	584	999	1,603	56,115	528	7,073	18,484	30,029
Buildings with Cooking	857	Q	140	283	434	24,681	Q	2,273	9,115	13,259
Buildings with Manufacturing	151	Q	24	33	88	3,126	Q	263	765	2,041
Buildings with Electricity Generation	172	Q	Q	70	82	11,882	Q	646	4,636	6,576
Percent of Floorspace Heated										
Not Heated	641	380	94	66	101	5,736	2,500	1,012	715	1,508
1 to 50	576	21	277	71	206	7,593	232	2,994	1,313	3,054
51 to 99	627	Q	114	313	196	10,745	Q	1,427	5,374	3,925
100	2,813	93	349	778	1,593	43,264	500	3,754	13,264	25,747
Percent of Floorspace Cooled										
Not Cooled	1,097	440	177	132	348	8,864	2,715	1,808	1,317	3,024
1 to 50	1,012	Q	397	240	365	16,846	Q	4,383	4,310	8,000
51 to 99	751	Q	76	414	258	16,966	Q	1,280	9,032	6,617
100	1,796	Q	186	442	1,125	24,662	Q	1,716	6,005	16,593

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Percent Lit When Closed										
Zero	2,174	215	490	515	954	20,771	1,343	4,479	4,962	9,987
1 to 50	1,688	Q	258	553	866	30,950	Q	3,488	11,140	16,095
51 to 100	143	Q	Q	49	76	2,160	Q	Q	599	1,449
Building Never Closed/ Electricity Not Used										
	652	270	69	112	201	13,457	1,673	1,118	3,964	6,702
Lighting Equipment Types (more than one may apply)										
Incandescent	2,193	Q	476	780	928	38,156	Q	5,551	14,573	17,940
Standard Fluorescent	3,778	Q	708	1,117	1,941	60,344	213	8,127	19,430	32,575
Compact Fluorescent	607	Q	112	223	271	20,666	Q	1,878	8,141	10,615
High Intensity Discharge	430	Q	94	120	215	19,223	Q	1,442	6,629	11,148
Halogen	572	Q	110	226	236	17,926	Q	1,784	6,977	9,135
Other	58	Q	Q	26	30	1,004	Q	Q	503	418
Building Shell Conservation Features (more than one may apply)										
Multipaned Windows	2,130	86	356	622	1,066	38,193	713	4,146	12,662	20,672
Tinted, Reflective, or Shading Glass	1,283	41	201	386	656	29,915	332	2,648	9,705	17,231
Lighting Conservation Features (more than one may apply)										
Specular Reflectors	843	Q	118	259	466	19,994	Q	1,936	6,993	11,053
Electronic Ballasts	2,167	Q	439	593	1,135	42,035	Q	5,299	13,311	23,392
Skylights or Atriums	580	50	101	174	256	18,286	445	1,891	6,320	9,630
Off-Hour Equipment Reduction (more than one may apply)										
Heating	2,862	81	519	878	1,384	39,969	493	5,573	13,152	20,750
Cooling	2,622	41	504	846	1,230	39,161	418	5,510	13,167	20,066
Lighting	3,675	N	742	1,077	1,855	51,083	N	7,736	16,402	26,945
Office Equipment	184	Q	7	79	98	9,063	Q	317	3,458	5,277

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

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.