

Table L3. Floorspace Lit by Lighting Type (Non-Mall Buildings), 2003

	Floorspace (million square feet)							
	Total (Lit or Unlit) in All Buildings	Total (Lit or Unlit) in Buildings With Any Lighting	Lighted Area Only	Area Lit by Each Type of Light				
				Incan- descent	Standard Fluor- escent	Compact Fluor- escent	High Intensity Discharge	Halogen
All Buildings*	64,783	62,060	51,342	5,556	37,918	4,004	4,950	2,403
Building Floorspace (Square Feet)								
1,001 to 5,000	6,789	6,038	4,826	678	3,932	206	76	124
5,001 to 10,000	6,585	6,090	4,974	739	3,829	192	238	248
10,001 to 25,000	11,535	11,229	8,618	1,197	6,525	454	506	289
25,001 to 50,000	8,668	8,297	6,544	763	4,971	527	454	240
50,001 to 100,000	9,057	8,912	7,548	562	5,628	558	848	404
100,001 to 200,000	9,064	8,732	7,470	648	5,314	756	1,061	336
200,001 to 500,000	7,176	6,946	6,158	652	4,160	692	899	374
Over 500,000	5,908	5,816	5,204	316	3,558	619	868	387
Principal Building Activity								
Education	9,874	9,870	8,983	489	7,692	461	520	191
Food Sales	1,255	1,237	1,129	51	941	64	Q	Q
Food Service	1,654	1,650	1,391	421	837	134	21	72
Health Care	3,163	3,163	2,937	267	2,501	294	85	83
Inpatient	1,905	1,905	1,788	157	1,524	194	63	60
Outpatient	1,258	1,258	1,149	110	977	100	22	22
Lodging	5,096	5,096	3,901	1,215	2,112	864	88	142
Retail (Other Than Mall).....	4,317	4,315	3,795	515	2,852	305	310	168
Office	12,208	12,208	10,846	730	9,231	942	382	268
Public Assembly	3,939	3,917	2,807	339	1,876	241	386	166
Public Order and Safety	1,090	1,074	940	58	856	58	Q	Q
Religious Worship	3,754	3,754	2,419	755	1,543	139	28	105
Service	4,050	3,911	3,348	221	2,445	84	580	136
Warehouse and Storage	10,078	9,125	7,136	309	3,878	277	2,184	955
Other	1,738	1,721	1,582	159	1,058	138	241	Q
Vacant	2,567	1,020	129	Q	95	Q	Q	Q
Year Constructed								
Before 1920	3,769	3,554	2,448	570	1,747	127	70	77
1920 to 1945	6,871	6,367	5,127	662	3,478	486	Q	137
1946 to 1959	7,045	6,727	5,331	648	4,139	296	392	165
1960 to 1969	8,101	7,972	6,371	603	5,197	383	289	188
1970 to 1979	10,772	10,381	8,960	970	6,848	528	833	369
1980 to 1989	10,332	10,087	8,688	750	6,723	701	650	387
1990 to 1999	12,360	11,828	10,119	894	6,895	920	1,566	643
2000 to 2003	5,533	5,144	4,298	458	2,892	563	488	438

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All Buildings*	64,783	62,060	51,342	5,556	37,918	4,004	4,950	2,403
Census Region and Division								
Northeast	12,905	12,559	9,957	1,099	7,523	884	811	491
New England	2,964	2,873	2,033	297	1,490	256	158	86
Middle Atlantic	9,941	9,687	7,924	802	6,033	629	654	405
Midwest	17,080	16,246	13,044	1,409	9,155	948	1,863	456
East North Central	11,595	11,046	8,985	905	6,102	668	1,474	312
West North Central	5,485	5,200	4,059	504	3,054	280	389	144
South	23,489	22,325	19,043	2,300	14,215	1,302	1,485	995
South Atlantic	12,258	11,856	10,412	1,292	7,590	746	1,101	479
East South Central	3,393	3,148	2,693	381	2,061	210	113	67
West South Central	7,837	7,322	5,938	627	4,564	346	271	449
West	11,310	10,930	9,299	748	7,025	869	790	461
Mountain	3,675	3,618	3,209	289	2,396	214	278	Q
Pacific	7,635	7,312	6,090	459	4,628	656	512	249
Weekly Operating Hours								
Fewer than 40	6,863	4,922	3,149	620	2,325	142	118	103
40 to 48	11,622	11,515	9,402	622	7,658	460	626	359
49 to 60	15,723	15,625	12,909	1,086	9,862	968	1,263	535
61 to 84	10,334	10,312	9,037	864	6,780	486	1,029	425
85 to 167	7,092	6,906	6,143	558	4,040	513	1,106	441
Open Continuously	13,149	12,781	10,703	1,806	7,253	1,435	808	540
Percent Lit When Open								
Zero	293	Q	Q	Q	Q	Q	Q	Q
1 to 50	10,203	10,203	3,454	710	2,270	266	246	150
51 to 99	18,288	18,288	15,056	1,666	11,434	1,363	1,030	680
100	32,789	32,789	32,789	3,172	24,185	2,374	3,668	1,573
Building Never Open/ Electricity Not Used	3,210	754	43	Q	29	Q	Q	Q
Percent Lit When Closed								
Zero	17,385	16,238	12,794	1,428	8,989	564	1,712	673
1 to 50	30,948	30,948	25,794	2,181	20,216	1,735	2,190	1,018
51 to 100	2,093	2,093	2,051	142	1,460	Q	240	172
Building Never Closed/ Electricity Not Used	14,357	12,781	10,703	1,806	7,253	1,435	808	540
Lighting Equipment Types (more than one may apply)								
Incandescent	38,528	38,528	31,489	5,556	22,343	2,860	2,235	1,277
Standard Fluorescent	59,688	59,688	49,691	4,868	37,918	3,521	4,661	2,168
Compact Fluorescent	27,571	27,571	23,610	2,397	16,922	4,004	1,770	920
High Intensity Discharge	20,643	20,643	17,913	1,328	11,219	1,409	4,950	845
Halogen	17,703	17,703	14,999	1,795	10,190	1,520	1,251	2,403
Other	269	269	244	Q	Q	Q	Q	Q

Q=Data withheld because the Relative Standard Error (RSE) was greater than 50 percent, or fewer than 20 buildings were sampled.

Source: Energy Information Administration, 2003 Commercial Buildings Energy Consumption Survey.