

Table B16. Employment Size Category, Floorspace for Non-Mall Buildings, 2003

	Total Floorspace (million square feet)							
	All Buildings*	Number of Workers						
		Fewer than 5 Workers	5 to 9 Workers	10 to 19 Workers	20 to 49 Workers	50 to 99 Workers	100 to 249 Workers	250 or More Workers
All Buildings*	64,783	15,492	6,166	7,803	10,989	7,934	6,871	9,528
Building Floorspace (Square Feet)								
1,001 to 5,000	6,789	4,659	1,264	689	155	Q	Q	N
5,001 to 10,000	6,585	3,323	1,373	1,109	689	Q	Q	N
10,001 to 25,000	11,535	4,006	2,075	2,456	2,113	692	Q	N
25,001 to 50,000	8,668	1,222	836	1,327	2,920	1,648	667	Q
50,001 to 100,000	9,057	704	291	1,157	2,865	2,151	1,518	371
100,001 to 200,000	9,064	804	Q	Q	1,558	2,014	2,455	1,452
200,001 to 500,000	7,176	Q	Q	Q	533	1,077	1,706	2,571
Over 500,000	5,908	Q	N	N	Q	Q	Q	5,087
Principal Building Activity								
Education	9,874	612	378	740	2,565	2,928	1,995	655
Food Sales	1,255	484	Q	Q	Q	Q	Q	N
Food Service	1,654	336	413	421	367	Q	Q	N
Health Care	3,163	Q	254	Q	335	111	683	1,539
Inpatient	1,905	N	N	Q	Q	Q	379	1,464
Outpatient	1,258	Q	254	Q	312	Q	304	Q
Lodging	5,096	802	437	1,023	1,049	703	562	Q
Retail (Other Than Mall).....	4,317	1,235	828	755	440	572	333	Q
Office	12,208	767	964	848	1,755	1,291	1,663	4,920
Public Assembly	3,939	1,381	443	588	836	Q	Q	Q
Public Order and Safety	1,090	145	Q	Q	Q	Q	Q	Q
Religious Worship	3,754	2,117	582	646	246	Q	Q	Q
Service	4,050	1,612	513	747	597	Q	Q	Q
Warehouse and Storage	10,078	3,433	807	1,545	1,843	1,025	585	Q
Other	1,738	159	Q	Q	Q	Q	Q	293
Vacant	2,567	2,359	Q	Q	Q	N	N	N
Year Constructed								
Before 1920	3,769	1,262	524	481	713	400	Q	Q
1920 to 1945	6,871	2,211	608	1,053	909	668	518	903
1946 to 1959	7,045	1,897	634	896	1,536	712	604	767
1960 to 1969	8,101	1,967	642	825	1,408	1,201	1,145	913
1970 to 1979	10,772	2,456	1,016	1,331	1,886	1,092	1,230	1,760
1980 to 1989	10,332	1,625	1,035	889	1,274	1,432	1,403	2,674
1990 to 1999	12,360	2,644	1,206	1,565	2,289	1,557	1,338	1,760
2000 to 2003	5,533	1,431	500	763	973	871	471	524
Census Region								
Northeast	12,905	2,376	1,085	1,872	2,314	1,598	1,331	2,329
Midwest	17,080	4,958	1,463	2,081	2,856	2,311	1,609	1,800
South	23,489	5,670	2,595	2,741	3,883	2,654	2,534	3,413
West	11,310	2,489	1,023	1,109	1,935	1,370	1,397	1,986
Climate Zone: 30-Year Average								
Under 2,000 CDD and --								
More than 7,000 HDD	10,622	2,699	1,035	1,374	2,014	1,673	996	832
5,500-7,000 HDD	17,335	4,857	1,529	2,155	2,709	2,166	1,561	2,357
4,000-5,499 HDD	11,504	1,755	1,013	1,359	2,132	1,316	1,434	2,495
Fewer than 4,000 HDD	15,739	4,076	1,646	1,599	2,498	1,812	2,109	1,999
2,000 CDD or More and --								
Fewer than 4,000 HDD	9,584	2,106	944	1,317	1,635	966	771	1,845

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All Buildings*	64,783	15,492	6,166	7,803	10,989	7,934	6,871	9,528
Number of Floors								
One	25,981	9,898	3,480	3,538	4,535	2,649	1,250	630
Two	16,270	3,706	1,627	2,277	3,664	2,254	1,774	968
Three	7,501	1,282	637	942	1,325	1,321	1,341	653
Four to Nine	10,085	605	404	1,040	1,249	1,470	2,134	3,182
Ten or More	4,947	N	Q	Q	Q	Q	372	4,095
Elevators and Escalators (more than one may apply)								
Any Elevators	24,617	1,200	621	1,836	3,055	4,168	5,060	8,677
Number of Elevators								
One	8,221	649	499	1,114	1,660	2,072	1,782	445
Two to Five	10,129	Q	Q	Q	1,285	1,983	2,798	2,709
Six or More	6,268	Q	N	N	Q	Q	480	5,523
Any Escalators	2,350	Q	Q	N	Q	Q	Q	1,973
Weekly Operating Hours								
Fewer than 40	6,863	5,562	484	284	243	Q	Q	Q
40 to 48	11,622	2,700	1,610	1,668	2,458	1,358	1,050	777
49 to 60	15,723	3,057	1,831	2,177	2,633	2,314	1,478	2,233
61 to 84	10,334	1,475	1,043	1,516	2,179	1,439	1,315	1,366
85 to 167	7,092	823	508	974	1,599	1,288	1,045	855
Open Continuously	13,149	1,874	690	1,184	1,876	1,346	1,918	4,260
Ownership and Occupancy								
Nongovernment Owned								
Owner Occupied	49,421	13,316	5,386	6,790	7,940	4,556	4,139	7,293
Nonowner Occupied	23,591	5,546	2,802	3,668	3,499	2,138	2,262	3,677
Unoccupied	23,914	5,854	2,585	3,123	4,441	2,417	1,877	3,617
Government Owned	1,916	1,916	N	N	N	N	N	N
Federal	15,363	2,176	780	1,013	3,049	3,378	2,732	2,235
State	1,956	Q	Q	Q	Q	Q	Q	761
Local	3,808	456	Q	277	916	803	681	493
Local	9,599	1,128	495	678	2,022	2,340	1,956	981
Vacancy Status								
Completely Vacant	2,161	2,161	N	N	N	N	N	N
Mostly Vacant	406	Q	Q	Q	Q	N	N	N
Partially Vacant	12,382	1,926	663	910	1,415	1,726	1,572	4,171
Not At All Vacant	49,834	11,207	5,413	6,841	9,509	6,208	5,299	5,357
Number of Establishments								
One	45,144	11,824	4,924	6,115	7,967	5,487	4,368	4,458
2 to 5	10,960	1,399	1,183	1,584	2,369	1,487	1,451	1,486
6 to 10	1,958	Q	Q	Q	476	375	340	565
11 to 20	1,951	Q	Q	N	Q	511	420	853
More than 20	2,609	Q	N	Q	Q	Q	293	2,165
Currently Unoccupied	2,161	2,161	N	N	N	N	N	N

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All Buildings*	64,783	15,492	6,166	7,803	10,989	7,934	6,871	9,528
Energy Sources (more than one may apply)								
Electricity	63,307	14,061	6,147	7,803	10,962	7,934	6,871	9,528
Natural Gas	43,468	7,023	4,084	5,317	8,212	6,156	5,127	7,549
Fuel Oil	15,157	1,459	625	1,024	1,602	2,131	2,149	6,168
District Heat	5,443	853	Q	Q	667	474	1,050	2,191
District Chilled Water	2,853	Q	Q	Q	327	505	583	1,219
Propane	7,076	2,092	564	907	907	956	661	989
Other	1,401	307	Q	Q	319	Q	Q	205
Energy End Uses (more than one may apply)								
Buildings with Space Heating	60,028	12,182	5,822	7,410	10,822	7,650	6,766	9,376
Buildings with Cooling	56,940	9,591	5,726	7,304	10,566	7,428	6,806	9,519
Buildings with Water Heating	56,478	9,525	5,393	7,182	10,480	7,688	6,815	9,395
Buildings with Cooking	22,237	1,886	1,172	2,010	3,829	3,699	3,515	6,126
Buildings with Manufacturing	3,138	288	Q	367	762	Q	382	628
Buildings with Electricity Generation	12,821	248	Q	439	1,347	2,103	2,357	6,113
Heating Equipment (more than one may apply)								
Heat Pumps	8,814	1,196	647	932	1,460	1,398	1,513	1,668
Packaged Heat Pumps	5,442	636	443	520	749	938	869	1,286
Split-System Heat Pumps	2,581	530	Q	364	443	Q	Q	587
Individual Room Heat Pumps	2,691	Q	Q	Q	504	643	581	545
Furnaces	19,615	5,347	3,043	3,057	3,814	1,899	1,290	1,165
Individual Space Heaters	12,545	2,782	938	1,542	2,364	1,628	1,300	1,991
District Heat	5,166	Q	Q	Q	653	460	972	2,063
Boilers	20,423	1,986	1,140	1,884	3,588	3,556	3,401	4,869
Packaged Heating Units	18,021	2,269	1,571	2,209	3,526	2,835	2,736	2,874
Other	3,262	544	Q	394	799	372	Q	808
Cooling Equipment (more than one may apply)								
Residential-Type Central Air Conditioners	11,035	2,630	1,461	2,035	2,129	1,097	776	906
Heat Pumps	9,041	1,303	696	862	1,485	1,339	1,427	1,929
Packaged Heat Pumps	5,426	703	492	489	764	887	828	1,264
Split-System Heat Pumps	2,606	570	Q	325	455	Q	Q	600
Individual Room Heat Pumps	2,940	Q	Q	Q	518	613	531	861
Individual Air Conditioners	12,558	2,342	1,144	1,608	2,680	1,710	1,328	1,746
District Chilled Water	2,853	Q	Q	Q	327	505	583	1,219
Central Chillers	11,636	Q	Q	294	1,243	1,736	2,436	5,590
Packaged Air Conditioning Units	29,969	3,964	3,025	4,059	5,941	4,517	3,939	4,524
Swamp Coolers	1,561	349	Q	Q	410	Q	Q	Q
Other	1,232	Q	Q	Q	Q	Q	Q	250
Main Equipment Replaced Since 1990 (more than one may apply)								
Heating	16,403	3,368	1,920	2,360	3,283	2,172	1,836	1,463
Cooling	20,995	3,688	2,054	2,753	4,139	2,518	2,487	3,357

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All Buildings*	64,783	15,492	6,166	7,803	10,989	7,934	6,871	9,528
Office Equipment (more than one may apply)								
Computers	55,627	7,716	5,515	7,456	10,870	7,828	6,714	9,528
With Flat Screen Monitors	26,417	1,269	1,537	2,418	4,134	4,283	4,356	8,420
Dedicated Servers	36,338	1,248	2,266	4,233	7,252	6,453	5,853	9,033
Laser Printers	33,012	5,130	3,660	4,409	6,785	4,689	3,717	4,623
Inkjet Printers	32,210	2,375	2,610	4,002	6,375	4,824	4,484	7,540
FAX Machines	52,373	5,814	5,103	6,958	10,372	7,798	6,825	9,503
Photocopiers	46,257	3,884	3,761	5,560	9,770	7,382	6,620	9,279
Number of Computers								
None	9,156	7,777	651	347	Q	Q	Q	N
1 to 4	12,395	6,537	2,654	1,910	991	Q	Q	N
5 to 9	7,179	690	2,164	2,062	1,583	514	Q	Q
10 to 19	6,610	242	445	2,336	2,436	888	Q	Q
20 to 49	7,414	Q	Q	607	3,697	1,832	755	Q
50 to 99	5,376	Q	Q	Q	1,352	1,869	1,261	Q
100 to 249	6,690	Q	Q	Q	682	1,846	2,856	1,164
250 or More	9,963	Q	Q	Q	Q	751	1,367	7,626
Number of Dedicated Servers								
None	28,445	14,244	3,900	3,570	3,737	1,481	1,018	495
1 to 4	24,116	1,238	2,263	4,108	6,522	4,846	3,438	1,700
5 to 9	3,864	Q	Q	Q	472	874	1,010	1,376
10 to 19	3,027	Q	N	N	Q	306	879	1,678
20 to 49	2,583	N	N	N	Q	Q	420	1,749
50 or More	2,748	N	N	N	Q	Q	Q	2,530
Number of Photocopiers								
None	18,526	11,608	2,405	2,243	1,218	552	Q	Q
One	15,475	3,378	2,948	3,434	3,699	1,369	503	Q
2 to 4	15,082	488	786	1,736	5,046	4,260	2,055	710
5 to 9	5,515	Q	Q	Q	913	1,258	1,987	932
10 or More	10,185	N	Q	N	Q	496	2,075	7,492
Energy-Related Space Functions (more than one may apply)								
Commercial Food Preparation	22,223	1,872	1,172	2,010	3,829	3,699	3,515	6,126
Activities with Large Amounts of Hot Water	19,482	1,842	1,062	2,031	3,540	2,931	3,190	4,886
Separate Computer Area	26,873	532	645	2,213	4,533	5,114	5,119	8,716
HVAC Conservation Features (more than one may apply)								
Variable Air-Volume System	19,597	1,043	626	1,349	2,953	3,058	3,547	7,021
Economizer Cycle	21,108	969	962	996	3,277	3,680	4,151	7,073
HVAC Maintenance	51,163	7,480	4,189	6,214	9,677	7,478	6,693	9,431
Energy Management and Control System (EMCS)	15,630	507	302	517	2,250	3,050	3,262	5,742

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All Buildings*	64,783	15,492	6,166	7,803	10,989	7,934	6,871	9,528
Window and Interior Lighting Features (more than one may apply)								
Multipaned Windows	38,910	6,336	3,351	4,917	7,333	5,550	4,574	6,850
Tinted Window Glass	29,887	4,604	2,150	2,788	4,692	3,975	4,226	7,452
Reflective Window Glass	8,544	986	229	449	1,213	1,473	1,093	3,100
External Overhangs or Awnings	17,242	3,002	1,845	2,924	2,769	2,282	2,055	2,365
Skylights or Atriums	12,546	834	665	1,580	1,868	2,023	1,990	3,587
Daylighting Sensors	2,868	211	Q	Q	375	432	428	1,183
Specular Reflectors	26,118	2,554	1,623	2,483	4,410	4,039	3,980	7,028
Electronic Ballasts	46,882	7,653	3,942	5,454	7,894	6,744	5,977	9,218
Energy Management and Control System (EMCS) For Lighting	4,781	Q	Q	Q	603	700	735	2,538
Equipment Usage Reduced When Building Not In Full Use (more than one may apply)^a								
Heating	42,722	8,305	4,310	5,290	7,271	5,757	4,648	7,139
Cooling	43,205	7,318	4,490	5,546	7,520	5,893	4,765	7,672
Lighting	46,987	10,224	5,264	6,412	8,751	6,393	4,854	5,089
Office Equipment	19,397	4,417	2,678	3,104	3,847	2,324	1,923	1,104

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.

^a 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.