

**Table B5. Census Region and Division, Floorspace, 1999**

	Total Floorspace (million square feet)									
	All Buildings	Northeast		Midwest		South			West	
		New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
<b>All Buildings</b> .....	67,338	3,735	8,625	11,205	5,556	11,001	5,220	7,264	4,579	10,152
<b>Building Floorspace (Square Feet)</b>										
1,001 to 5,000 .....	6,774	287	614	1,186	648	1,006	514	1,015	493	1,009
5,001 to 10,000 .....	8,238	287	1,015	1,480	566	1,430	644	983	612	1,222
10,001 to 25,000 .....	11,153	569	1,384	1,855	1,026	1,707	1,343	1,145	632	1,492
25,001 to 50,000 .....	9,311	506	902	1,181	592	1,597	875	912	865	1,881
50,001 to 100,000 .....	10,112	709	1,062	1,544	892	1,679	654	1,116	817	1,638
100,001 to 200,000 .....	8,271	506	956	1,549	730	1,621	508	735	552	1,114
200,001 to 500,000 .....	6,851	176	1,187	1,434	560	1,261	342	670	Q	971
Over 500,000 .....	6,628	Q	1,507	976	543	698	Q	687	358	823
<b>Principal Building Activity</b>										
Education .....	8,651	575	1,139	1,506	744	997	438	913	758	1,580
Food Sales .....	994	Q	Q	Q	Q	Q	Q	135	Q	Q
Food Service .....	1,851	Q	Q	463	Q	302	Q	207	Q	292
Health Care .....	2,918	Q	335	502	248	585	132	367	201	434
Inpatient .....	1,865	Q	291	336	Q	312	Q	215	Q	233
Outpatient .....	1,053	Q	Q	Q	Q	273	Q	Q	Q	201
Lodging .....	4,521	Q	315	725	215	825	467	303	545	956
Mercantile .....	10,398	612	1,273	1,780	811	2,007	937	1,135	418	1,423
Retail (Other Than Mall) .....	4,766	Q	725	1,158	442	625	430	512	169	458
Enclosed and Strip Malls .....	5,631	Q	548	622	369	1,383	507	623	Q	966
Office .....	12,044	849	1,540	1,777	1,043	2,311	696	1,155	760	1,913
Public Assembly .....	4,393	Q	574	635	507	539	431	541	373	486
Public Order and Safety .....	1,168	Q	Q	Q	Q	Q	Q	Q	Q	Q
Religious Worship .....	3,405	Q	370	566	357	309	Q	487	Q	588
Service .....	3,388	Q	527	403	415	604	351	433	168	275
Warehouse and Storage .....	10,477	429	1,314	1,983	782	1,909	963	1,085	520	1,493
Other .....	1,222	Q	Q	Q	Q	Q	Q	Q	Q	Q
Vacant .....	1,908	Q	Q	412	Q	Q	Q	Q	Q	198
<b>Year Constructed</b>										
1919 or Before .....	4,034	458	933	1,215	360	346	Q	159	267	251
1920 to 1945 .....	6,445	423	1,196	1,849	574	603	335	765	287	412
1946 to 1959 .....	9,127	434	1,596	1,417	735	1,106	659	1,146	713	1,322
1960 to 1969 .....	10,866	670	1,380	1,605	997	1,613	639	1,065	807	2,089
1970 to 1979 .....	11,840	746	1,078	1,564	784	2,060	754	1,464	676	2,715
1980 to 1989 .....	13,931	570	1,500	1,673	1,155	2,966	1,739	1,557	1,126	1,645
1990 to 1999 .....	11,094	433	943	1,882	952	2,306	1,050	1,107	704	1,716
<b>Floors</b>										
One .....	26,800	835	2,295	3,976	1,824	5,249	2,611	3,965	1,958	4,086
Two .....	16,985	1,018	1,926	2,658	1,748	2,485	1,639	1,564	1,167	2,781
Three .....	8,928	674	1,587	2,049	675	1,043	417	646	631	1,205
Four to Nine .....	10,180	867	1,732	1,931	1,149	1,491	Q	636	659	1,302
Ten or More .....	4,445	Q	1,085	591	Q	733	Q	452	Q	777
<b>Workers (main shift)</b>										
Fewer than 5 .....	14,321	521	1,385	2,847	1,186	2,314	1,158	2,108	1,118	1,685
5 to 9 .....	6,325	450	923	1,146	544	705	454	571	465	1,069
10 to 19 .....	8,028	425	1,048	1,315	615	1,447	856	632	470	1,220
20 to 49 .....	10,814	479	1,096	1,820	755	1,745	1,167	1,261	812	1,680
50 to 99 .....	8,898	715	1,099	1,014	862	1,508	537	831	587	1,745
100 to 249 .....	8,356	579	1,123	1,605	623	1,575	526	756	573	997
250 or More .....	10,595	567	1,952	1,459	971	1,708	522	1,105	555	1,757

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	All Buildings	Northeast		Midwest		South			West	
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<b>Weekly Operating Hours</b>										
39 or Fewer .....	6,596	249	651	1,305	546	1,053	594	884	689	625
40 to 48 .....	13,105	527	1,352	1,680	1,309	1,943	1,370	1,952	1,242	1,730
49 to 60 .....	14,200	1,085	1,707	2,455	1,122	2,549	681	1,387	788	2,426
61 to 84 .....	12,458	846	1,637	2,149	939	2,201	743	1,254	496	2,193
85 to 167 .....	9,116	464	1,349	1,848	683	1,267	951	759	574	1,220
Open Continuously .....	11,863	565	1,930	1,768	957	1,987	882	1,027	790	1,958
<b>Ownership and Occupancy</b>										
Nongovernment Owned .....	54,994	2,976	6,567	9,640	4,257	9,162	4,486	6,097	3,443	8,367
Owner Occupied .....	37,785	2,129	5,014	6,933	3,057	6,072	3,019	4,136	2,064	5,360
Nonowner Occupied .....	15,596	810	1,476	2,373	1,054	2,716	1,389	1,776	1,124	2,877
Unoccupied .....	1,613	Q	Q	334	Q	Q	Q	Q	Q	Q
Government Owned .....	12,343	759	2,059	1,565	1,300	1,839	734	1,167	1,136	1,785
<b>Vacancy Status</b>										
Completely Vacant .....	953	Q	Q	Q	Q	Q	Q	Q	Q	Q
Mostly Vacant .....	956	Q	Q	Q	Q	Q	Q	Q	Q	Q
Partially Vacant .....	15,520	1,003	1,689	2,890	1,141	2,656	992	1,900	1,022	2,226
Not At All Vacant .....	49,910	2,619	6,682	7,903	4,294	8,124	4,172	5,086	3,301	7,728
<b>Number of Establishments</b>										
One .....	43,343	2,225	5,440	7,546	3,753	6,407	3,558	4,758	3,066	6,588
2 to 5 .....	10,582	610	1,575	2,042	858	1,659	751	1,012	538	1,537
6 to 10 .....	3,574	Q	366	306	266	701	Q	353	262	806
11 to 20 .....	3,260	376	329	319	260	826	Q	252	Q	499
More than 20 .....	4,811	Q	830	606	Q	1,026	Q	686	Q	587
Currently Unoccupied .....	1,769	Q	Q	386	Q	Q	Q	Q	Q	Q
<b>Energy Sources (more than one may apply)</b>										
Electricity .....	65,716	3,615	8,349	10,940	5,449	10,817	5,149	7,110	4,292	9,995
Natural Gas .....	45,525	1,590	5,714	9,383	4,123	5,517	3,508	5,174	3,183	7,332
Fuel Oil .....	13,285	2,254	3,160	1,299	1,123	2,457	546	747	379	1,321
District Heat .....	5,891	180	1,718	799	722	504	Q	524	410	797
District Chilled Water .....	2,750	Q	252	282	464	359	Q	488	Q	494
Propane .....	6,290	858	848	752	653	1,455	694	239	Q	693
Other .....	2,322	Q	539	360	Q	268	Q	Q	Q	439
<b>Energy End Uses (more than one may apply)</b>										
Buildings with Space Heating .....	61,602	3,551	8,116	10,530	5,386	9,243	4,854	6,501	4,204	9,218
Buildings with Cooling .....	58,474	3,034	7,278	9,374	4,997	10,140	4,793	6,616	3,845	8,398
Buildings with Water Heating .....	56,115	3,187	7,390	9,131	4,571	8,900	4,247	5,867	3,993	8,828
Buildings with Cooking .....	24,681	1,487	3,758	4,088	1,953	4,531	1,552	2,486	1,533	3,292
Buildings with Manufacturing .....	3,126	Q	392	493	Q	388	Q	340	Q	568
Buildings with Electricity Generation .....	11,882	988	2,121	1,728	1,054	2,530	659	873	532	1,398
<b>Percent of Floorspace Heated</b>										
Not Heated .....	5,736	Q	510	675	Q	1,757	366	763	376	934
1 to 50 .....	7,593	Q	810	1,177	393	981	697	860	471	1,960
51 to 99 .....	10,745	446	1,242	1,665	657	2,030	1,123	1,182	465	1,935
100 .....	43,264	2,863	6,064	7,687	4,335	6,232	3,034	4,460	3,268	5,322
<b>Percent of Floorspace Cooled</b>										
Not Cooled .....	8,864	701	1,348	1,831	559	861	427	648	735	1,754
1 to 50 .....	16,846	1,105	2,808	3,490	1,578	2,070	1,136	1,412	871	2,375
51 to 99 .....	16,966	917	2,279	3,015	1,726	2,970	1,220	1,610	1,028	2,200
100 .....	24,662	1,012	2,190	2,869	1,693	5,099	2,438	3,593	1,945	3,823

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<b>Percent Lit When Open</b>										
Zero .....	173	Q	Q	Q	N	Q	Q	Q	Q	Q
1 to 50 .....	9,187	479	1,140	1,866	620	1,436	728	849	572	1,497
51 to 99 .....	20,665	1,259	2,822	3,830	1,983	2,973	1,248	2,171	1,373	3,005
100 .....	34,233	1,832	4,245	4,927	2,741	5,916	3,080	3,821	2,273	5,398
Building Never Open/ Electricity Not Used .....										
	3,080	Q	Q	569	212	624	Q	410	337	245
<b>Heating Equipment (more than one may apply)</b>										
Heat Pumps .....	8,923	387	807	476	539	2,594	1,382	604	571	1,564
Furnaces .....	14,449	775	1,482	3,908	1,859	1,310	1,253	1,387	1,232	1,244
Individual Space Heaters .....	17,349	937	2,618	2,812	1,854	2,293	1,579	1,599	1,250	2,407
District Heat .....	5,534	180	1,696	792	722	423	Q	486	Q	758
Boilers .....	19,522	2,170	3,299	4,010	1,951	2,243	771	1,195	1,329	2,554
Packaged Heating Units .....	25,743	1,086	2,946	3,302	1,778	4,695	2,401	3,359	1,592	4,583
Other .....	4,073	Q	595	825	289	578	Q	576	311	488
<b>Cooling Equipment (more than one may apply)</b>										
Residential-Type Central										
Air Conditioners .....	8,329	Q	790	1,766	1,186	1,281	898	1,093	646	510
Heat Pumps .....	9,147	346	870	490	573	2,642	1,316	646	649	1,615
Individual Air Conditioners .....	14,276	1,316	2,581	2,525	1,200	1,940	1,386	1,200	642	1,487
District Chilled Water .....	2,750	Q	252	282	464	359	Q	488	Q	494
Central Chillers .....	12,909	719	2,063	2,013	1,136	2,269	591	1,468	753	1,897
Packaged Air Conditioning										
Units .....	36,527	1,796	4,844	5,463	2,735	6,575	3,147	4,193	2,206	5,568
Swamp Coolers .....	2,219	Q	Q	Q	Q	Q	Q	Q	986	638
Other .....	1,312	Q	Q	Q	Q	154	Q	Q	Q	Q
<b>Main Equipment Replaced Since 1995 (more than one may apply)</b>										
Heating .....	13,220	551	1,277	2,335	909	2,032	1,348	1,700	840	2,227
Cooling .....	17,390	972	2,108	2,891	917	3,237	1,576	2,276	1,009	2,405
<b>Building Shell Conservation Features (more than one may apply)</b>										
Multipaned Windows .....	38,193	2,534	5,029	7,421	4,125	5,989	2,820	3,171	2,478	4,624
Tinted, Reflective, or Shading Glass .....	29,915	1,347	3,178	4,234	2,130	5,279	2,330	3,637	2,337	5,443
<b>HVAC Conservation Features (more than one may apply)</b>										
Variable Air-Volume System .....	19,387	988	2,655	3,333	1,524	3,163	998	1,960	1,401	3,364
Economizer Cycle .....	21,256	1,419	3,215	3,305	2,384	3,025	1,015	1,818	1,586	3,489
HVAC Maintenance .....	53,395	3,266	7,374	8,461	4,564	8,699	4,107	5,176	3,772	7,977
Energy Management and Control System (EMCS) .....	21,613	1,404	2,806	3,591	1,705	3,694	1,036	2,378	1,564	3,434
<b>Lighting Conservation Features (more than one may apply)</b>										
Specular Reflectors .....	19,994	1,624	3,251	2,978	1,318	3,386	1,117	1,897	1,232	3,192
Electronic Ballasts .....	42,035	2,398	6,082	6,991	3,297	6,646	2,835	4,265	2,650	6,873
Skylights or Atriums .....	18,286	1,221	2,476	3,006	1,485	2,860	1,359	1,897	1,326	2,656

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.