

Table B10. Employment Size Category, Number of Buildings, 1999

	Number of Buildings (thousand)							
	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	4,657	2,376	807	683	487	174	90	39
Building Floorspace (Square Feet)								
1,001 to 5,000	2,348	1,567	482	226	66	Q	Q	N
5,001 to 10,000	1,110	511	180	249	144	Q	Q	N
10,001 to 25,000	708	250	105	146	157	46	Q	Q
25,001 to 50,000	257	37	32	47	75	46	18	Q
50,001 to 100,000	145	7	6	12	36	45	29	10
100,001 to 200,000	59	2	3	Q	7	15	18	12
200,001 to 500,000	23	Q	Q	Q	2	2	7	10
Over 500,000	7	Q	N	Q	Q	Q	1	5
Principal Building Activity								
Education	327	85	59	73	64	32	11	4
Food Sales	174	147	Q	Q	4	Q	Q	Q
Food Service	349	111	77	107	46	Q	Q	N
Health Care	127	Q	Q	Q	13	12	5	4
Inpatient	11	N	Q	Q	Q	Q	2	3
Outpatient	116	Q	Q	Q	10	Q	3	Q
Lodging	153	85	20	20	14	10	4	Q
Mercantile	667	321	124	99	70	32	18	3
Retail (Other Than Mall)	534	319	102	63	35	5	Q	Q
Enclosed and Strip Malls	133	Q	Q	36	35	26	9	3
Office	739	205	183	153	109	36	29	23
Public Assembly	305	198	48	23	22	6	Q	Q
Public Order and Safety	72	Q	Q	Q	28	Q	Q	Q
Religious Worship	307	222	46	19	17	Q	Q	Q
Service	478	271	107	38	51	9	Q	Q
Warehouse and Storage	603	389	81	73	32	21	6	2
Other	102	46	Q	Q	Q	Q	Q	Q
Vacant	253	244	Q	Q	Q	Q	N	Q
Year Constructed								
1919 or Before	419	280	62	52	12	3	Q	Q
1920 to 1945	499	331	65	58	29	8	5	3
1946 to 1959	763	405	135	107	84	22	7	3
1960 to 1969	665	316	124	95	78	27	21	5
1970 to 1979	774	344	174	110	81	43	15	8
1980 to 1989	846	371	126	159	116	44	19	11
1990 to 1999	690	330	121	102	87	27	16	7
Floors								
One	2,879	1,591	497	407	271	78	31	5
Two	1,168	538	220	189	147	50	18	6
Three	420	194	71	62	42	26	20	4
Four to Nine	178	52	19	26	27	18	19	16
Ten or More	11	Q	Q	Q	Q	Q	2	8
Census Region								
Northeast	686	271	163	114	87	30	16	5
Midwest	1,188	668	224	136	95	32	24	9
South	1,762	970	220	273	204	51	32	12
West	1,021	468	199	160	101	61	19	12
Weekly Operating Hours								
39 or Fewer	978	806	93	33	41	Q	Q	Q
40 to 48	1,156	550	219	205	123	36	18	4
49 to 60	986	377	229	202	98	43	26	11
61 to 84	664	251	152	113	87	36	17	8
85 to 167	474	183	78	86	75	34	13	5
Open Continuously	398	209	35	43	63	23	14	11

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		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
Ownership and Occupancy								
Nongovernment Owned	4,135	2,187	709	587	413	135	73	33
Owner Occupied	2,801	1,463	489	435	279	64	48	24
Nonowner Occupied	1,099	488	220	152	133	72	25	9
Unoccupied	236	236	N	N	N	N	N	N
Government Owned	521	189	99	96	75	39	18	6
Vacancy Status								
Completely Vacant	140	140	N	N	N	N	N	N
Mostly Vacant	113	104	Q	Q	Q	Q	N	Q
Partially Vacant	697	351	121	73	78	35	26	14
Not At All Vacant	3,707	1,781	686	609	404	138	64	26
Number of Establishments								
One	3,528	1,891	610	520	344	89	54	19
2 to 5	688	208	193	149	92	30	12	5
6 to 10	114	Q	Q	13	41	27	9	3
11 to 20	48	Q	Q	Q	10	22	10	4
More than 20	27	Q	Q	Q	Q	6	5	8
Currently Unoccupied	251	251	N	N	N	N	N	N
Energy Sources (more than one may apply)								
Electricity	4,395	2,121	800	683	487	174	90	39
Natural Gas	2,670	1,151	560	424	321	118	67	28
Fuel Oil	434	182	95	54	54	17	18	15
District Heat	117	38	18	15	12	19	9	7
District Chilled Water	50	Q	Q	Q	3	10	4	5
Propane	451	215	71	74	73	11	6	2
Other	153	83	Q	Q	23	5	Q	1
Energy End Uses (more than one may apply)								
Buildings with Space Heating	4,016	1,835	773	667	456	166	81	38
Buildings with Cooling	3,560	1,513	681	636	433	169	88	39
Buildings with Water Heating	3,239	1,312	643	586	417	159	85	36
Buildings with Cooking	857	287	131	172	154	65	30	18
Buildings with Manufacturing	151	Q	24	31	29	12	3	2
Buildings with Electricity Generation	172	Q	11	19	49	19	23	16
Percent of Floorspace Heated								
Not Heated	641	541	34	16	32	8	Q	Q
1 to 50	576	326	155	57	21	14	2	1
51 to 99	627	332	77	95	86	21	10	7
100	2,813	1,176	541	515	349	132	69	31
Percent of Floorspace Cooled								
Not Cooled	1,097	862	126	47	54	5	Q	Q
1 to 50	1,012	416	270	170	99	36	19	3
51 to 99	751	314	89	152	106	50	28	13
100	1,796	784	322	314	228	83	42	23
Percent Lit When Open								
Zero	34	Q	Q	Q	N	N	N	N
1 to 50	835	558	135	102	32	7	Q	Q
51 to 99	1,228	487	216	210	190	78	35	12
100	2,096	865	442	354	264	90	54	27
Building Never Open/ Electricity Not Used	464	441	Q	Q	N	N	N	N

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	Number of Buildings (thousand)							
	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
Heating Equipment (more than one may apply)								
Heat Pumps	492	162	73	131	81	28	11	6
Furnaces	1,460	742	370	164	141	24	17	3
Individual Space Heaters	894	419	188	125	86	46	20	10
District Heat	96	30	14	10	12	15	8	7
Boilers	581	191	108	109	83	41	31	18
Packaged Heating Units	1,347	504	204	290	210	84	40	15
Other	185	105	25	12	18	14	5	5
Cooling Equipment (more than one may apply)								
Residential-Type Central								
Air Conditioners	676	339	133	101	69	18	14	3
Heat Pumps	485	169	68	122	79	29	10	8
Individual Air Conditioners	799	350	163	146	61	44	27	7
District Chilled Water	50	Q	Q	Q	3	10	4	5
Central Chillers	130	28	9	11	22	18	21	20
Packaged Air Conditioning								
Units	1,953	724	354	383	295	118	54	24
Swamp Coolers	136	69	26	Q	13	5	4	1
Other	49	Q	Q	Q	7	Q	3	1
Lighting Equipment Types (more than one may apply)								
Incandescent	2,193	986	391	373	258	102	56	26
Standard Fluorescent	3,778	1,681	737	627	442	165	88	39
Compact Fluorescent	607	159	105	112	133	43	32	23
High Intensity Discharge	430	153	57	61	76	45	22	14
Halogen	572	176	105	84	120	40	31	17
Other	58	Q	Q	Q	Q	Q	Q	Q
Personal Computers								
None	1,617	1,326	190	72	Q	Q	Q	Q
1 to 4	1,636	941	338	218	111	15	Q	Q
5 to 9	542	59	207	171	91	12	Q	Q
10 to 19	403	Q	63	174	89	36	6	Q
20 to 49	247	Q	Q	38	134	40	12	2
50 to 99	105	Q	Q	Q	33	42	16	2
100 to 249	71	Q	Q	Q	6	22	32	7
250 or More	36	Q	N	Q	Q	3	6	26
Photocopiers								
None	2,825	1,881	488	248	157	28	21	2
One	1,114	419	242	281	135	32	3	Q
2 to 4	540	69	76	149	152	66	25	4
5 to 9	102	Q	Q	Q	40	25	21	5
10 or More	75	Q	Q	Q	Q	23	21	28
Other Electronic Equipment (more than one may apply)								
Laser Printers	1,949	511	370	418	373	156	83	38
FAX Machines	2,807	926	591	573	422	166	89	39
Medical Diagnostic Equipment	86	Q	Q	Q	10	Q	5	4
Lighting Conservation Features (more than one may apply)								
Specular Reflectors	843	295	150	168	125	53	31	20
Electronic Ballasts	2,167	891	400	390	272	124	57	33
Skylights or Atriums	580	238	70	102	86	49	23	12

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	Number of Buildings (thousand)							
	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
Off-Hour Equipment Reduction (more than one may apply)								
Heating	2,862	1,270	583	510	312	116	49	23
Cooling	2,622	1,055	556	507	301	117	62	23
Lighting	3,675	1,671	740	611	402	148	75	27
Office Equipment	184	Q	Q	30	73	45	20	8

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.

Table B11. Employment Size Category, Floorspace, 1999

	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	67,338	14,321	6,325	8,028	10,814	8,898	8,356	10,595
Building Floorspace (Square Feet)								
1,001 to 5,000	6,774	4,230	1,502	791	235	Q	Q	N
5,001 to 10,000	8,238	3,748	1,331	1,792	1,174	Q	Q	N
10,001 to 25,000	11,153	3,922	1,557	2,263	2,510	819	Q	Q
25,001 to 50,000	9,311	1,361	1,098	1,647	2,759	1,690	692	Q
50,001 to 100,000	10,112	430	444	799	2,437	3,172	2,067	762
100,001 to 200,000	8,271	356	350	Q	955	2,000	2,552	1,767
200,001 to 500,000	6,851	Q	Q	Q	635	598	1,927	3,015
Over 500,000	6,628	Q	N	Q	Q	Q	979	4,977
Principal Building Activity								
Education	8,651	420	516	983	2,161	2,258	1,603	710
Food Sales	994	482	Q	Q	159	Q	Q	Q
Food Service	1,851	326	285	718	346	Q	Q	N
Health Care	2,918	Q	Q	Q	212	280	521	1,529
Inpatient	1,865	N	Q	Q	Q	Q	334	1,371
Outpatient	1,053	Q	Q	Q	150	198	187	Q
Lodging	4,521	897	482	672	973	540	618	Q
Mercantile	10,398	1,572	1,035	1,199	1,734	1,666	1,518	1,673
Retail (Other Than Mall)	4,766	1,525	786	826	767	442	320	Q
Enclosed and Strip Malls	5,631	Q	Q	373	967	1,224	1,198	1,572
Office	12,044	744	790	959	1,505	1,312	1,955	4,778
Public Assembly	4,393	1,451	701	360	543	623	407	Q
Public Order and Safety	1,168	Q	Q	Q	329	Q	Q	Q
Religious Worship	3,405	1,962	561	499	279	Q	Q	Q
Service	3,388	1,058	483	415	728	313	Q	Q
Warehouse and Storage	10,477	3,177	1,089	1,485	1,694	1,336	1,004	692
Other	1,222	219	Q	Q	Q	Q	Q	Q
Vacant	1,908	1,723	Q	Q	Q	Q	N	Q
Year Constructed								
1919 or Before	4,034	1,863	506	637	316	219	235	Q
1920 to 1945	6,445	2,443	508	729	691	586	658	830
1946 to 1959	9,127	2,264	1,012	1,415	1,947	833	688	968
1960 to 1969	10,866	2,015	1,181	1,128	1,707	1,696	1,561	1,579
1970 to 1979	11,840	2,012	1,337	1,233	1,682	1,803	1,515	2,259
1980 to 1989	13,931	2,013	952	1,731	2,383	2,161	1,915	2,776
1990 to 1999	11,094	1,712	829	1,153	2,089	1,601	1,786	1,925
Floors								
One	26,800	7,746	3,164	3,867	4,996	3,639	2,481	908
Two	16,985	3,820	1,890	2,205	3,287	2,472	1,818	1,493
Three	8,928	1,798	953	1,200	1,369	1,265	1,430	912
Four to Nine	10,180	867	305	730	1,140	1,385	2,044	3,708
Ten or More	4,445	Q	Q	Q	Q	Q	583	3,575
Census Region								
Northeast	12,360	1,906	1,372	1,472	1,574	1,814	1,702	2,519
Midwest	16,761	4,033	1,689	1,930	2,575	1,876	2,228	2,430
South	23,485	5,579	1,730	2,935	4,174	2,876	2,856	3,335
West	14,731	2,802	1,533	1,690	2,492	2,332	1,570	2,312
Weekly Operating Hours								
39 or Fewer	6,596	5,132	367	215	511	Q	Q	Q
40 to 48	13,105	3,477	1,676	1,973	2,721	1,729	863	666
49 to 60	14,200	1,920	1,838	2,379	2,189	2,079	1,719	2,075
61 to 84	12,458	1,344	1,117	1,334	2,124	1,945	1,930	2,663
85 to 167	9,116	1,128	723	1,043	1,586	1,592	1,783	1,261
Open Continuously	11,863	1,319	604	1,084	1,684	1,334	1,920	3,918

Table B11. Employment Size Category, Floorspace, 1999

	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
Ownership and Occupancy								
Nongovernment Owned	54,994	12,950	5,432	6,947	8,480	6,431	6,358	8,398
Owner Occupied	37,785	8,848	3,765	5,172	5,390	3,470	4,375	6,766
Nonowner Occupied	15,596	2,488	1,667	1,774	3,090	2,961	1,983	1,632
Unoccupied	1,613	1,613	N	N	N	N	N	N
Government Owned	12,343	1,371	893	1,081	2,334	2,467	1,998	2,198
Vacancy Status								
Completely Vacant	953	953	N	N	N	N	N	N
Mostly Vacant	956	770	Q	Q	Q	Q	N	Q
Partially Vacant	15,520	2,520	1,059	1,102	2,153	1,811	2,297	4,577
Not At All Vacant	49,910	10,078	5,233	6,858	8,605	7,064	6,060	6,012
Number of Establishments								
One	43,343	10,723	4,718	6,063	7,280	5,111	4,796	4,651
2 to 5	10,582	1,619	1,459	1,701	2,204	1,554	1,053	992
6 to 10	3,574	Q	Q	216	918	773	752	683
11 to 20	3,260	Q	Q	Q	389	1,021	992	789
More than 20	4,811	Q	Q	Q	Q	440	764	3,480
Currently Unoccupied	1,769	1,769	N	N	N	N	N	N
Energy Sources (more than one may apply)								
Electricity	65,716	12,750	6,274	8,028	10,814	8,898	8,356	10,595
Natural Gas	45,525	7,108	4,633	5,589	7,737	6,278	6,146	8,035
Fuel Oil	13,285	964	796	676	1,294	1,593	2,482	5,480
District Heat	5,891	390	304	475	544	696	1,052	2,431
District Chilled Water	2,750	Q	Q	Q	162	478	484	1,234
Propane	6,290	1,451	646	688	1,189	839	787	691
Other	2,322	345	Q	Q	317	364	417	527
Energy End Uses (more than one may apply)								
Buildings with Space Heating	61,602	10,552	6,020	7,762	10,347	8,536	8,053	10,333
Buildings with Cooling	58,474	8,704	5,291	7,409	9,930	8,519	8,129	10,491
Buildings with Water Heating	56,115	8,401	5,145	7,000	9,445	8,166	7,760	10,199
Buildings with Cooking	24,681	1,651	1,341	2,021	3,871	4,354	4,305	7,138
Buildings with Manufacturing	3,126	Q	230	477	645	544	436	544
Buildings with Electricity Generation	11,882	Q	237	487	1,299	1,559	2,386	5,659
Percent of Floorspace Heated								
Not Heated	5,736	3,769	305	265	468	362	Q	Q
1 to 50	7,593	2,323	1,426	1,249	958	776	357	504
51 to 99	10,745	2,174	732	1,304	1,848	1,137	1,206	2,344
100	43,264	6,055	3,862	5,209	7,541	6,622	6,490	7,485
Percent of Floorspace Cooled								
Not Cooled	8,864	5,617	1,034	618	884	379	Q	Q
1 to 50	16,846	3,288	2,477	2,799	3,152	2,173	1,910	1,048
51 to 99	16,966	1,843	734	1,977	2,714	2,510	2,639	4,550
100	24,662	3,573	2,080	2,634	4,065	3,837	3,580	4,893
Percent Lit When Open								
Zero	173	Q	Q	Q	N	N	N	N
1 to 50	9,187	3,999	1,649	1,679	996	405	Q	Q
51 to 99	20,665	2,822	1,733	2,336	3,974	3,562	2,485	3,752
100	34,233	4,404	2,869	3,930	5,844	4,931	5,526	6,729
Building Never Open/ Electricity Not Used	3,080	2,983	Q	Q	N	N	N	N

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	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
Heating Equipment (more than one may apply)								
Heat Pumps	8,923	707	655	1,340	1,761	1,401	1,105	1,954
Furnaces	14,449	3,874	2,510	1,953	2,631	1,221	1,164	1,095
Individual Space Heaters	17,349	2,913	1,680	1,973	2,538	2,531	2,376	3,339
District Heat	5,534	289	292	372	534	645	1,031	2,371
Boilers	19,522	1,840	1,285	1,771	2,739	3,234	3,706	4,948
Packaged Heating Units	25,743	3,005	1,788	3,002	4,935	4,416	4,172	4,426
Other	4,073	673	178	219	451	300	608	1,644
Cooling Equipment (more than one may apply)								
Residential-Type Central								
Air Conditioners	8,329	2,041	921	1,187	1,341	791	868	1,180
Heat Pumps	9,147	753	677	1,267	1,688	1,493	1,027	2,243
Individual Air Conditioners	14,276	2,568	1,226	2,037	2,138	2,046	1,940	2,322
District Chilled Water	2,750	Q	Q	Q	162	478	484	1,234
Central Chillers	12,909	297	223	277	1,054	1,646	2,597	6,815
Packaged Air Conditioning								
Units	36,527	4,264	2,933	4,334	6,776	5,963	5,507	6,751
Swamp Coolers	2,219	315	317	Q	394	365	360	335
Other	1,312	Q	Q	Q	210	Q	341	381
Lighting Equipment Types (more than one may apply)								
Incandescent	38,156	6,532	3,289	4,437	5,841	5,330	5,082	7,644
Standard Fluorescent	60,344	9,890	5,796	7,439	10,106	8,474	8,164	10,475
Compact Fluorescent	20,666	1,388	1,118	1,682	3,032	2,781	3,573	7,093
High Intensity Discharge	19,223	1,348	990	1,233	2,984	3,306	3,551	5,812
Halogen	17,926	1,448	880	1,482	2,585	2,539	3,003	5,989
Other	1,004	Q	Q	Q	Q	Q	Q	Q
Personal Computers								
None	9,583	7,539	1,073	622	193	Q	Q	Q
1 to 4	13,853	5,870	2,877	2,418	1,842	609	Q	Q
5 to 9	6,528	329	1,662	1,850	1,811	639	Q	Q
10 to 19	7,514	Q	416	2,246	2,408	1,140	678	Q
20 to 49	8,087	Q	Q	584	2,949	2,408	1,541	281
50 to 99	5,867	Q	Q	Q	1,103	2,240	1,563	626
100 to 249	6,818	Q	Q	Q	370	1,434	3,130	1,733
250 or More	9,088	Q	N	Q	Q	321	1,034	7,554
Photocopiers								
None	21,631	10,918	3,493	2,574	2,309	1,176	844	316
One	12,928	2,797	2,060	3,138	2,987	1,407	347	Q
2 to 4	15,620	567	746	2,215	4,616	3,863	2,800	812
5 to 9	5,384	Q	Q	Q	782	1,352	1,940	1,187
10 or More	11,774	Q	Q	Q	Q	1,100	2,426	8,086
Other Electronic Equipment (more than one may apply)								
Laser Printers	46,567	3,246	3,323	5,128	8,881	8,004	7,714	10,271
FAX Machines	54,764	5,336	4,881	6,981	10,031	8,696	8,259	10,580
Medical Diagnostic Equipment	2,493	Q	Q	Q	148	220	412	1,502
Lighting Conservation Features (more than one may apply)								
Specular Reflectors	19,994	1,386	1,450	1,959	2,813	2,860	3,629	5,897
Electronic Ballasts	42,035	5,143	3,536	4,587	6,666	6,415	6,220	9,468
Skylights or Atriums	18,286	1,891	934	1,676	2,509	3,136	3,092	5,050

Table B11. Employment Size Category, Floorspace, 1999

	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
Off-Hour Equipment Reduction (more than one may apply)								
Heating	39,969	7,086	4,313	5,451	7,017	5,890	4,819	5,394
Cooling	39,161	6,141	4,058	5,609	6,887	5,729	5,011	5,726
Lighting	51,083	9,745	5,555	6,640	8,834	7,390	6,343	6,576
Office Equipment	9,063	Q	Q	529	2,132	2,435	2,153	1,668

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.

Table B12. Occupancy of Nongovernment-Owned and Government-Owned Buildings, Number of Buildings, 1999

	Number of Buildings (thousand)								
	All Buildings	Nongovernment-Owned Buildings				Government-Owned Buildings			
		All Nongovernment-Owned Buildings	Owner Occupied	Nonowner Occupied	Unoccupied	All Government-Owned Buildings	Federal	State	Local
All Buildings	4,657	4,135	2,801	1,099	236	521	63	83	375
Building Floorspace (Square Feet)									
1,001 to 5,000	2,348	2,131	1,433	548	151	216	Q	Q	175
5,001 to 10,000	1,110	1,006	693	250	Q	104	Q	Q	70
10,001 to 25,000	708	618	431	172	15	91	Q	14	64
25,001 to 50,000	257	202	129	68	Q	55	Q	19	33
50,001 to 100,000	145	109	69	39	Q	36	Q	11	21
100,001 to 200,000	59	47	29	17	Q	13	2	3	8
200,001 to 500,000	23	18	13	4	Q	5	Q	2	3
Over 500,000	7	5	5	1	Q	2	1	Q	Q
Principal Building Activity									
Education	327	133	107	25	N	195	Q	43	151
Food Sales	174	174	132	42	N	Q	N	N	Q
Food Service	349	336	242	94	N	Q	Q	Q	Q
Health Care	127	119	77	42	N	Q	Q	Q	Q
Inpatient	11	9	6	Q	N	2	Q	Q	Q
Outpatient	116	110	71	39	N	Q	Q	Q	Q
Lodging	153	142	125	17	N	Q	Q	Q	Q
Mercantile	667	667	377	283	Q	Q	N	Q	Q
Retail (Other Than Mall)	534	533	330	196	Q	Q	N	N	Q
Enclosed and Strip Malls	133	133	47	87	N	Q	N	Q	N
Office	739	685	476	209	N	54	Q	6	37
Public Assembly	305	240	203	31	Q	65	Q	5	52
Public Order and Safety	72	Q	Q	Q	N	49	Q	5	43
Religious Worship	307	307	294	Q	N	N	N	N	N
Service	478	421	275	146	N	57	6	Q	48
Warehouse and Storage	603	564	371	131	Q	40	Q	Q	Q
Other	102	89	63	25	N	Q	Q	Q	Q
Vacant	253	235	Q	Q	161	Q	Q	Q	Q
Year Constructed									
1919 or Before	419	384	256	94	Q	35	Q	Q	21
1920 to 1945	499	436	291	130	Q	63	Q	6	51
1946 to 1959	763	670	450	159	62	93	Q	24	54
1960 to 1969	665	581	377	172	Q	85	4	11	69
1970 to 1979	774	684	465	201	Q	90	Q	19	60
1980 to 1989	846	761	532	195	Q	85	Q	10	73
1990 to 1999	690	619	431	148	Q	71	Q	14	48
Floors									
One	2,879	2,530	1,598	760	171	349	41	50	258
Two	1,168	1,068	805	222	41	100	Q	16	70
Three	420	379	270	88	Q	41	4	9	28
Four to Nine	178	148	119	27	Q	30	4	8	19
Ten or More	11	10	8	2	Q	1	0	1	Q
Census Region									
Northeast	686	607	455	142	Q	80	Q	9	60
Midwest	1,188	1,105	747	256	102	83	Q	14	58
South	1,762	1,585	1,083	431	71	177	25	32	120
West	1,021	839	516	270	53	182	16	28	137

Table B12. Occupancy of Nongovernment-Owned and Government-Owned Buildings, Number of Buildings, 1999

	Number of Buildings (thousand)								
	All Buildings	Nongovernment-Owned Buildings				Government-Owned Buildings			
		All Nongovernment-Owned Buildings	Owner Occupied	Nonowner Occupied	Unoccupied	All Government-Owned Buildings	Federal	State	Local
Workers (main shift)									
Fewer than 5	2,376	2,187	1,463	488	236	189	Q	14	141
5 to 9	807	709	489	220	N	99	Q	11	86
10 to 19	683	587	435	152	N	96	Q	26	62
20 to 49	487	413	279	133	N	75	Q	13	51
50 to 99	174	135	64	72	N	39	Q	13	23
100 to 249	90	73	48	25	N	18	3	5	9
250 or More	39	33	24	9	N	6	2	2	3
Weekly Operating Hours									
39 or Fewer	978	863	527	100	236	115	Q	Q	97
40 to 48	1,156	967	662	305	N	189	Q	39	137
49 to 60	986	887	639	248	N	99	24	13	62
61 to 84	664	624	400	224	N	40	4	8	27
85 to 167	474	442	295	147	N	33	Q	7	24
Open Continuously	398	352	278	74	N	46	4	15	28
Vacancy Status									
Completely Vacant	140	139	N	N	139	Q	N	N	Q
Mostly Vacant	113	96	Q	Q	22	Q	Q	Q	Q
Partially Vacant	697	620	339	207	Q	77	Q	8	59
Not At All Vacant	3,707	3,280	2,428	852	N	427	45	75	308
Number of Establishments									
One	3,528	3,084	2,317	767	N	444	53	76	316
2 to 5	688	631	395	236	N	58	Q	6	42
6 to 10	114	111	58	54	N	3	Q	Q	Q
11 to 20	48	47	14	33	N	Q	Q	Q	Q
More than 20	27	27	18	9	N	Q	Q	Q	Q
Currently Unoccupied	251	236	N	N	236	Q	Q	Q	Q
Multibuilding Facility Activity									
Not Part of a Multibuilding									
Facility	3,295	3,097	2,050	854	193	198	7	24	167
College or University	70	53	48	Q	Q	17	Q	15	Q
Primary or Secondary School	224	54	47	Q	Q	170	Q	21	148
Office Complex	134	115	64	45	Q	19	Q	Q	Q
Retail Complex	181	175	74	95	Q	Q	N	Q	Q
Religious Campus or Complex	186	186	181	Q	N	N	N	N	N
Health Care Complex	72	50	35	Q	Q	22	Q	Q	Q
Government Complex	61	Q	Q	Q	N	61	27	Q	25
Other	434	405	301	74	Q	29	Q	6	14
Energy Sources (more than one may apply)									
Electricity	4,395	3,898	2,747	1,069	82	498	54	83	361
Natural Gas	2,670	2,366	1,605	719	43	304	24	52	228
Fuel Oil	434	386	311	75	Q	48	4	6	38
District Heat	117	67	53	Q	N	50	Q	20	19
District Chilled Water	50	21	13	Q	N	29	Q	6	Q
Propane	451	415	355	57	Q	36	Q	9	26
Other	153	144	126	17	Q	9	Q	Q	Q

Table B12. Occupancy of Nongovernment-Owned and Government-Owned Buildings, Number of Buildings, 1999

	Number of Buildings (thousand)								
	All Buildings	Nongovernment-Owned Buildings				Government-Owned Buildings			
		All Nongovernment-Owned Buildings	Owner Occupied	Nonowner Occupied	Unoccupied	All Government-Owned Buildings	Federal	State	Local
Energy End Uses (more than one may apply)									
Buildings with Space Heating	4,016	3,544	2,525	980	40	471	54	79	339
Buildings with Cooling	3,560	3,172	2,246	900	Q	387	46	65	277
Buildings with Water Heating	3,239	2,887	2,039	818	30	352	40	74	238
Buildings with Cooking	857	753	555	196	Q	105	5	19	81
Buildings with Manufacturing	151	141	97	44	N	Q	Q	Q	Q
Buildings with Electricity Generation	172	129	113	15	Q	42	4	13	26
Percent of Floorspace Heated									
Not Heated	641	591	276	119	196	50	Q	Q	36
1 to 50	576	543	385	149	Q	33	Q	Q	24
51 to 99	627	572	393	175	Q	55	Q	17	31
100	2,813	2,430	1,747	655	Q	383	40	60	284
Percent of Floorspace Cooled									
Not Cooled	1,097	963	555	199	209	134	Q	19	99
1 to 50	1,012	925	684	239	Q	87	Q	20	57
51 to 99	751	669	459	206	Q	82	Q	23	52
100	1,796	1,578	1,103	455	Q	218	28	22	167
Percent Lit When Open									
Zero	34	34	Q	Q	N	N	N	N	N
1 to 50	835	772	603	169	N	63	Q	Q	35
51 to 99	1,228	1,090	797	294	N	138	Q	34	92
100	2,096	1,820	1,227	593	N	275	15	40	220
Building Never Open/ Electricity Not Used	464	419	142	41	236	45	Q	Q	Q
Heating Equipment (more than one may apply)									
Heat Pumps	492	410	266	143	Q	82	Q	19	45
Furnaces	1,460	1,391	1,009	366	Q	69	Q	8	53
Individual Space Heaters	894	795	576	211	Q	99	16	14	69
District Heat	96	53	44	Q	N	43	Q	13	18
Boilers	581	444	380	63	Q	137	8	27	102
Packaged Heating Units	1,347	1,188	779	390	Q	159	5	18	136
Other	185	161	125	36	Q	24	Q	Q	Q
Cooling Equipment (more than one may apply)									
Residential-Type Central									
Air Conditioners	676	639	483	152	Q	38	Q	4	20
Heat Pumps	485	413	252	160	Q	73	Q	18	37
Individual Air Conditioners	799	682	533	140	Q	116	5	19	92
District Chilled Water	50	21	13	Q	N	29	Q	6	Q
Central Chillers	130	87	72	14	Q	42	5	12	26
Packaged Air Conditioning									
Units	1,953	1,739	1,206	508	Q	214	9	29	176
Swamp Coolers	136	127	64	63	N	9	Q	Q	Q
Other	49	45	41	4	N	4	Q	Q	Q
Main Equipment Replaced Since 1995 (more than one may apply)									
Heating	984	872	619	245	Q	112	Q	13	93
Cooling	1,085	983	651	324	Q	102	Q	17	78

Table B12. Occupancy of Nongovernment-Owned and Government-Owned Buildings, Number of Buildings, 1999

	Number of Buildings (thousand)								
	All Buildings	Nongovernment-Owned Buildings				Government-Owned Buildings			
		All Nongovernment-Owned Buildings	Owner Occupied	Nonowner Occupied	Unoccupied	All Government-Owned Buildings	Federal	State	Local
Lighting Equipment Types (more than one may apply)									
Incandescent	2,193	2,000	1,423	568	Q	193	20	33	140
Standard Fluorescent	3,778	3,335	2,355	970	Q	443	47	74	322
Compact Fluorescent	607	533	414	118	Q	74	6	19	49
High Intensity Discharge	430	342	258	84	N	87	5	18	64
Halogen	572	536	402	133	Q	36	2	9	25
Other	58	56	44	Q	N	Q	Q	Q	Q
Personal Computers									
None	1,617	1,503	981	304	218	114	Q	Q	92
1 to 4	1,636	1,506	1,076	428	Q	130	Q	18	93
5 to 9	542	466	300	163	Q	76	Q	Q	57
10 to 19	403	335	230	93	Q	67	Q	15	50
20 to 49	247	184	121	63	N	64	Q	11	43
50 to 99	105	74	44	30	N	31	Q	9	21
100 to 249	71	42	29	12	N	29	2	12	15
250 or More	36	26	20	6	N	10	2	3	5
Photocopiers									
None	2,825	2,548	1,661	656	231	277	40	31	206
One	1,114	996	725	267	Q	117	Q	23	81
2 to 4	540	443	328	115	Q	97	6	18	73
5 to 9	102	83	47	37	N	19	Q	8	10
10 or More	75	64	40	24	N	11	3	3	5
Other Electronic Equipment (more than one may apply)									
Laser Printers	1,949	1,670	1,193	466	Q	280	38	56	185
FAX Machines	2,807	2,533	1,748	774	Q	274	37	46	190
Medical Diagnostic Equipment	86	78	57	21	N	Q	Q	Q	Q
Energy-Related Space Functions (more than one may apply)									
Commercial Food Preparation	767	668	478	190	Q	99	5	19	75
Activities with Large Amounts of Hot Water	698	585	439	146	Q	113	Q	27	74
Building Shell Conservation Features (more than one may apply)									
Multipaned Windows	2,130	1,906	1,430	452	24	223	26	40	157
Tinted, Reflective, or Shading Glass	1,283	1,134	820	304	Q	149	19	20	110
HVAC Conservation Features (more than one may apply)									
Variable Air-Volume System	550	463	330	129	Q	87	5	26	55
Economizer Cycle	567	441	314	124	Q	126	18	25	82
HVAC Maintenance	2,786	2,388	1,728	639	Q	398	46	66	285
Energy Management and Control System (EMCS)	460	330	244	86	Q	131	16	29	85
Lighting Conservation Features (more than one may apply)									
Specular Reflectors	843	726	489	237	Q	117	Q	16	88
Electronic Ballasts	2,167	1,880	1,288	591	Q	287	24	48	215
Skylights or Atriums	580	502	326	145	Q	77	3	21	53

Table B12. Occupancy of Nongovernment-Owned and Government-Owned Buildings, Number of Buildings, 1999

	Number of Buildings (thousand)								
	All Buildings	Nongovernment-Owned Buildings				Government-Owned Buildings			
		All Nongovernment-Owned Buildings	Owner Occupied	Nonowner Occupied	Unoccupied	All Government-Owned Buildings	Federal	State	Local
Off-Hour Equipment Reduction (more than one may apply)									
Heating	2,862	2,517	1,857	629	32	345	35	38	272
Cooling	2,622	2,339	1,654	660	Q	282	28	32	222
Lighting	3,675	3,255	2,309	946	N	420	43	67	310
Office Equipment	184	115	76	39	N	69	Q	21	47

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.

Table B13. Occupancy of Nongovernment-Owned and Government Owned Buildings, Floorspace, 1999

	Total Floorspace (million square feet)								
	All Buildings	Nongovernment-Owned Buildings				Government-Owned Buildings			
		All Nongovernment-Owned Buildings	Owner Occupied	Nonowner Occupied	Unoccupied	All Government-Owned Buildings	Federal	State	Local
All Buildings	67,338	54,994	37,785	15,596	1,613	12,343	1,797	3,391	7,156
Building Floorspace (Square Feet)									
1,001 to 5,000	6,774	6,189	4,040	1,686	463	585	Q	Q	467
5,001 to 10,000	8,238	7,466	5,179	1,827	Q	772	Q	Q	509
10,001 to 25,000	11,153	9,655	6,736	2,656	264	1,498	177	233	1,088
25,001 to 50,000	9,311	7,264	4,577	2,496	Q	2,047	Q	732	1,200
50,001 to 100,000	10,112	7,571	4,723	2,775	Q	2,541	Q	732	1,487
100,001 to 200,000	8,271	6,509	4,097	2,374	Q	1,762	256	442	1,064
200,001 to 500,000	6,851	5,229	3,924	1,190	Q	1,622	Q	610	902
Over 500,000	6,628	5,112	4,509	592	Q	1,516	641	Q	Q
Principal Building Activity									
Education	8,651	3,207	2,833	373	N	5,444	Q	1,712	3,655
Food Sales	994	990	705	284	N	Q	N	N	Q
Food Service	1,851	1,763	1,362	401	N	Q	Q	Q	Q
Health Care	2,918	2,468	2,087	380	N	450	Q	Q	243
Inpatient	1,865	1,489	1,423	Q	N	376	Q	Q	Q
Outpatient	1,053	979	664	315	N	Q	Q	Q	Q
Lodging	4,521	4,100	3,614	486	N	421	Q	219	Q
Mercantile	10,398	10,380	5,308	5,031	Q	Q	N	Q	Q
Retail (Other Than Mall)	4,766	4,757	2,729	1,986	Q	Q	N	N	Q
Enclosed and Strip Malls	5,631	5,624	2,579	3,045	N	Q	N	Q	N
Office	12,044	10,482	7,435	3,047	N	1,562	600	380	582
Public Assembly	4,393	2,775	2,321	411	Q	1,618	Q	461	980
Public Order and Safety	1,168	Q	Q	Q	N	1,013	Q	226	779
Religious Worship	3,405	3,405	3,349	Q	N	N	N	N	N
Service	3,388	2,532	1,710	822	N	856	297	Q	384
Warehouse and Storage	10,477	9,901	5,821	3,693	Q	576	Q	Q	Q
Other	1,222	1,082	773	310	N	139	Q	Q	Q
Vacant	1,908	1,754	Q	Q	1,143	Q	Q	Q	Q
Year Constructed									
1919 or Before	4,034	3,456	2,479	728	Q	579	Q	Q	293
1920 to 1945	6,445	4,812	3,575	1,081	Q	1,633	Q	447	993
1946 to 1959	9,127	7,053	4,879	1,737	437	2,074	532	632	910
1960 to 1969	10,866	8,122	5,495	2,419	Q	2,745	364	742	1,639
1970 to 1979	11,840	9,907	6,795	2,960	Q	1,933	Q	599	1,174
1980 to 1989	13,931	12,507	8,364	3,855	Q	1,424	Q	315	990
1990 to 1999	11,094	9,138	6,198	2,817	Q	1,956	243	554	1,158
Floors									
One	26,800	22,775	12,499	9,308	969	4,025	376	995	2,654
Two	16,985	14,366	10,848	3,256	262	2,619	235	538	1,846
Three	8,928	6,902	5,387	1,274	Q	2,026	207	665	1,154
Four to Nine	10,180	7,201	5,979	1,134	Q	2,979	640	1,039	1,300
Ten or More	4,445	3,750	3,073	623	Q	695	339	153	Q
Census Region									
Northeast	12,360	9,542	7,143	2,286	Q	2,818	394	683	1,741
Midwest	16,761	13,896	9,990	3,427	479	2,865	318	961	1,586
South	23,485	19,745	13,228	5,881	636	3,740	549	919	2,273
West	14,731	11,810	7,424	4,001	385	2,921	537	828	1,556

Table B13. Occupancy of Nongovernment-Owned and Government Owned Buildings, Floorspace, 1999

	Total Floorspace (million square feet)								
	All Buildings	Nongovernment-Owned Buildings				Government-Owned Buildings			
		All Nongovernment-Owned Buildings	Owner Occupied	Nonowner Occupied	Unoccupied	All Government-Owned Buildings	Federal	State	Local
Workers (main shift)									
Fewer than 5	14,321	12,950	8,848	2,488	1,613	1,371	Q	263	946
5 to 9	6,325	5,432	3,765	1,667	N	893	Q	257	508
10 to 19	8,028	6,947	5,172	1,774	N	1,081	Q	300	683
20 to 49	10,814	8,480	5,390	3,090	N	2,334	288	573	1,473
50 to 99	8,898	6,431	3,470	2,961	N	2,467	Q	739	1,638
100 to 249	8,356	6,358	4,375	1,983	N	1,998	246	701	1,051
250 or More	10,595	8,398	6,766	1,632	N	2,198	783	556	858
Weekly Operating Hours									
39 or Fewer	6,596	5,563	3,438	512	1,613	1,033	Q	Q	849
40 to 48	13,105	9,889	6,718	3,171	N	3,216	302	863	2,050
49 to 60	14,200	11,920	8,103	3,818	N	2,280	372	671	1,236
61 to 84	12,458	10,671	7,204	3,467	N	1,786	210	538	1,039
85 to 167	9,116	7,381	4,533	2,849	N	1,734	Q	435	1,128
Open Continuously	11,863	9,569	7,789	1,780	N	2,294	631	808	855
Vacancy Status									
Completely Vacant	953	922	N	N	922	Q	N	N	Q
Mostly Vacant	956	832	Q	Q	221	Q	Q	Q	Q
Partially Vacant	15,520	13,410	8,450	4,490	Q	2,111	277	730	1,103
Not At All Vacant	49,910	39,831	29,012	10,819	N	10,078	1,444	2,652	5,983
Number of Establishments									
One	43,343	33,290	25,947	7,343	N	10,053	1,373	2,818	5,862
2 to 5	10,582	9,077	5,371	3,706	N	1,505	332	307	865
6 to 10	3,574	3,369	1,699	1,670	N	205	Q	Q	Q
11 to 20	3,260	3,097	1,336	1,761	N	Q	Q	Q	Q
More than 20	4,811	4,549	3,433	1,116	N	Q	Q	Q	Q
Currently Unoccupied	1,769	1,613	N	N	1,613	Q	Q	Q	Q
Multibuilding Facility Activity									
Not Part of a Multibuilding									
Facility	41,289	35,892	24,040	10,524	1,328	5,396	417	1,140	3,839
College or University	2,605	1,653	1,562	Q	Q	952	Q	835	Q
Primary or Secondary School	3,388	1,091	1,042	Q	Q	2,296	Q	650	1,637
Office Complex	3,353	3,014	2,035	958	Q	338	Q	Q	Q
Retail Complex	3,555	3,456	1,547	1,889	Q	Q	N	Q	Q
Religious Campus or Complex	1,907	1,907	1,817	Q	N	N	N	N	N
Health Care Complex	2,339	1,736	1,571	Q	Q	604	230	Q	235
Government Complex	1,513	Q	Q	Q	N	1,498	728	Q	630
Other	7,389	6,230	4,166	1,855	Q	1,160	220	424	515
Energy Sources (more than one may apply)									
Electricity	65,716	53,640	37,506	15,441	693	12,076	1,711	3,382	6,983
Natural Gas	45,525	37,026	25,597	10,968	461	8,500	997	2,253	5,250
Fuel Oil	13,285	9,893	8,284	1,605	Q	3,392	748	822	1,823
District Heat	5,891	3,333	2,907	426	N	2,559	827	1,187	546
District Chilled Water	2,750	1,560	1,325	Q	N	1,190	368	407	415
Propane	6,290	5,305	4,051	1,244	Q	985	Q	286	629
Other	2,322	1,864	1,486	358	Q	458	Q	Q	Q

Table B13. Occupancy of Nongovernment-Owned and Government Owned Buildings, Floorspace, 1999

	Total Floorspace (million square feet)								
	All Buildings	Nongovernment-Owned Buildings				Government-Owned Buildings			
		All Nongovernment-Owned Buildings	Owner Occupied	Nonowner Occupied	Unoccupied	All Government-Owned Buildings	Federal	State	Local
Energy End Uses (more than one may apply)									
Buildings with Space Heating	61,602	49,916	35,287	14,279	349	11,687	1,715	3,318	6,653
Buildings with Cooling	58,474	47,858	33,473	14,013	Q	10,616	1,525	2,962	6,129
Buildings with Water Heating	56,115	45,444	31,903	13,158	383	10,670	1,477	3,111	6,082
Buildings with Cooking	24,681	18,531	14,039	4,458	Q	6,150	838	1,535	3,778
Buildings with Manufacturing	3,126	2,708	1,619	1,089	N	Q	Q	Q	Q
Buildings with Electricity Generation	11,882	8,847	7,264	1,558	Q	3,035	758	907	1,370
Percent of Floorspace Heated									
Not Heated	5,736	5,079	2,498	1,317	1,264	657	Q	Q	504
1 to 50	7,593	7,105	4,711	2,314	Q	488	Q	Q	298
51 to 99	10,745	9,043	6,527	2,504	Q	1,702	317	584	802
100	43,264	33,768	24,049	9,461	Q	9,496	1,315	2,628	5,553
Percent of Floorspace Cooled									
Not Cooled	8,864	7,137	4,313	1,583	1,241	1,727	Q	428	1,027
1 to 50	16,846	13,844	9,562	4,198	Q	3,002	Q	894	1,847
51 to 99	16,966	13,579	9,718	3,828	Q	3,387	514	1,056	1,816
100	24,662	20,435	14,193	5,986	Q	4,227	749	1,012	2,466
Percent Lit When Open									
Zero	173	173	Q	Q	N	N	N	N	N
1 to 50	9,187	8,569	6,878	1,692	N	618	Q	Q	315
51 to 99	20,665	16,036	11,478	4,558	N	4,629	454	1,441	2,734
100	34,233	27,659	18,582	9,077	N	6,575	1,058	1,827	3,689
Building Never Open/ Electricity Not Used	3,080	2,558	708	237	1,613	522	Q	Q	Q
Heating Equipment (more than one may apply)									
Heat Pumps	8,923	7,187	5,195	1,974	Q	1,736	Q	435	1,125
Furnaces	14,449	13,202	9,424	3,681	Q	1,247	Q	244	844
Individual Space Heaters	17,349	14,235	10,218	3,933	Q	3,114	674	787	1,653
District Heat	5,534	3,072	2,695	377	N	2,462	827	1,102	534
Boilers	19,522	13,132	11,042	2,041	Q	6,390	588	1,561	4,242
Packaged Heating Units	25,743	22,108	13,998	7,945	Q	3,635	249	1,108	2,279
Other	4,073	3,607	2,828	735	Q	466	Q	202	Q
Cooling Equipment (more than one may apply)									
Residential-Type Central									
Air Conditioners	8,329	7,313	5,683	1,623	Q	1,016	Q	173	684
Heat Pumps	9,147	7,445	5,284	2,143	Q	1,702	Q	354	1,194
Individual Air Conditioners	14,276	10,593	8,343	2,046	Q	3,683	623	646	2,414
District Chilled Water	2,750	1,560	1,325	Q	N	1,190	368	407	415
Central Chillers	12,909	8,984	7,474	1,482	Q	3,926	804	1,260	1,861
Packaged Air Conditioning									
Units	36,527	30,779	20,641	9,842	Q	5,748	728	1,508	3,511
Swamp Coolers	2,219	1,610	945	665	N	609	Q	Q	Q
Other	1,312	1,145	989	156	N	167	Q	Q	Q
Main Equipment Replaced Since 1995 (more than one may apply)									
Heating	13,220	11,270	7,591	3,617	Q	1,950	Q	389	1,483
Cooling	17,390	14,186	9,617	4,491	Q	3,204	387	922	1,895

Table B13. Occupancy of Nongovernment-Owned and Government Owned Buildings, Floorspace, 1999

	Total Floorspace (million square feet)								
	All Buildings	Nongovernment-Owned Buildings				Government-Owned Buildings			
		All Nongovernment-Owned Buildings	Owner Occupied	Nonowner Occupied	Unoccupied	All Government-Owned Buildings	Federal	State	Local
Lighting Equipment Types (more than one may apply)									
Incandescent	38,156	31,544	23,612	7,849	Q	6,612	937	1,837	3,838
Standard Fluorescent	60,344	48,959	34,331	14,462	Q	11,385	1,653	3,186	6,547
Compact Fluorescent	20,666	16,731	13,325	3,377	Q	3,935	679	1,203	2,054
High Intensity Discharge	19,223	13,702	10,325	3,376	N	5,521	685	1,631	3,206
Halogen	17,926	15,034	11,336	3,668	Q	2,892	411	899	1,582
Other	1,004	823	665	Q	N	Q	Q	Q	Q
Personal Computers									
None	9,583	8,678	5,680	1,643	1,354	906	Q	Q	683
1 to 4	13,853	12,564	8,657	3,851	Q	1,288	Q	368	793
5 to 9	6,528	5,864	3,670	2,168	Q	664	Q	Q	415
10 to 19	7,514	6,527	4,232	2,118	Q	987	Q	333	607
20 to 49	8,087	6,394	4,173	2,221	N	1,693	Q	389	1,063
50 to 99	5,867	4,208	2,566	1,642	N	1,659	Q	531	1,058
100 to 249	6,818	4,346	3,342	1,004	N	2,472	211	780	1,481
250 or More	9,088	6,414	5,467	947	N	2,674	838	780	1,056
Photocopiers									
None	21,631	18,933	11,799	5,592	1,541	2,698	302	655	1,742
One	12,928	11,141	8,151	2,926	Q	1,787	Q	524	1,077
2 to 4	15,620	11,904	8,583	3,314	Q	3,716	362	948	2,406
5 to 9	5,384	3,812	2,341	1,471	N	1,572	Q	455	971
10 or More	11,774	9,204	6,912	2,292	N	2,570	802	808	960
Other Electronic Equipment (more than one may apply)									
Laser Printers	46,567	36,966	26,002	10,870	Q	9,601	1,588	2,708	5,305
FAX Machines	54,764	44,675	30,954	13,591	Q	10,088	1,578	2,706	5,805
Medical Diagnostic Equipment	2,493	2,099	1,845	254	N	394	Q	Q	215
Energy-Related Space Functions (more than one may apply)									
Commercial Food Preparation	23,328	17,300	13,104	4,179	Q	6,028	808	1,512	3,708
Activities with Large Amounts of Hot Water	21,793	16,229	12,862	3,350	Q	5,564	644	1,693	3,227
Building Shell Conservation Features (more than one may apply)									
Multipaned Windows	38,193	31,154	23,284	7,556	314	7,039	987	1,979	4,073
Tinted, Reflective, or Shading Glass	29,915	24,218	17,092	6,985	Q	5,698	860	1,547	3,291
HVAC Conservation Features (more than one may apply)									
Variable Air-Volume System	19,387	14,961	11,395	3,560	Q	4,425	759	1,422	2,244
Economizer Cycle	21,256	15,806	11,650	4,140	Q	5,450	1,153	1,738	2,559
HVAC Maintenance	53,395	42,540	30,270	12,105	Q	10,855	1,636	3,135	6,084
Energy Management and Control System (EMCS)	21,613	15,140	11,878	3,252	Q	6,473	1,201	2,060	3,211
Lighting Conservation Features (more than one may apply)									
Specular Reflectors	19,994	15,640	11,384	4,247	Q	4,354	805	1,091	2,458
Electronic Ballasts	42,035	33,247	23,537	9,680	Q	8,789	1,332	2,501	4,957
Skylights or Atriums	18,286	14,429	10,683	3,537	Q	3,857	512	1,254	2,091

Table B13. Occupancy of Nongovernment-Owned and Government Owned Buildings, Floorspace, 1999

	Total Floorspace (million square feet)								
	All Buildings	Nongovernment-Owned Buildings				Government-Owned Buildings			
		All Nongovernment-Owned Buildings	Owner Occupied	Nonowner Occupied	Unoccupied	All Government-Owned Buildings	Federal	State	Local
Off-Hour Equipment Reduction (more than one may apply)									
Heating	39,969	31,903	22,534	9,112	258	8,066	978	2,012	5,076
Cooling	39,161	31,707	21,722	9,679	Q	7,454	871	1,825	4,758
Lighting	51,083	41,690	28,512	13,178	N	9,394	1,069	2,521	5,804
Office Equipment	9,063	5,637	4,010	1,627	N	3,426	Q	963	2,339

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.

Table B14. Number of Establishments in Building, Number of Buildings, 1999

	Number of Buildings (thousand)						
	All Buildings	Number of Establishments in Building					
		One	Two to Five	Six to Ten	Eleven to Twenty	More than Twenty	Currently Unoccupied
All Buildings	4,657	3,528	688	114	48	27	251
Building Floorspace (Square Feet)							
1,001 to 5,000	2,348	1,897	272	Q	Q	Q	164
5,001 to 10,000	1,110	802	222	17	Q	Q	Q
10,001 to 25,000	708	506	121	51	12	Q	17
25,001 to 50,000	257	184	33	15	15	Q	Q
50,001 to 100,000	145	88	26	12	12	6	Q
100,001 to 200,000	59	34	10	4	6	5	Q
200,001 to 500,000	23	14	3	2	2	2	Q
Over 500,000	7	3	1	Q	Q	3	Q
Principal Building Activity							
Education	327	302	24	Q	Q	Q	N
Food Sales	174	161	Q	N	N	Q	N
Food Service	349	315	Q	Q	N	N	N
Health Care	127	94	27	Q	2	Q	N
Inpatient	11	10	Q	Q	Q	Q	N
Outpatient	116	84	26	Q	Q	Q	N
Lodging	153	143	10	Q	N	Q	N
Mercantile	667	450	131	53	17	8	Q
Retail (Other Than Mall)	534	449	69	Q	Q	Q	Q
Enclosed and Strip Malls	133	Q	62	46	17	8	N
Office	739	475	206	34	17	8	N
Public Assembly	305	262	27	Q	Q	Q	Q
Public Order and Safety	72	60	Q	Q	Q	N	N
Religious Worship	307	286	20	Q	N	N	N
Service	478	362	110	Q	Q	N	Q
Warehouse and Storage	603	452	69	7	Q	Q	Q
Other	102	89	Q	Q	Q	Q	N
Vacant	253	77	Q	Q	Q	N	169
Year Constructed							
1919 or Before	419	312	64	Q	Q	Q	36
1920 to 1945	499	384	84	Q	Q	1	22
1946 to 1959	763	581	100	Q	Q	Q	62
1960 to 1969	665	524	81	9	5	Q	Q
1970 to 1979	774	591	124	22	15	4	Q
1980 to 1989	846	605	138	47	15	7	Q
1990 to 1999	690	531	98	10	7	3	Q
Floors							
One	2,879	2,231	379	52	25	13	179
Two	1,168	873	191	41	10	6	48
Three	420	308	74	Q	3	Q	Q
Four to Nine	178	112	43	8	7	5	Q
Ten or More	11	4	1	1	2	3	Q
Census Region							
Northeast	686	531	113	15	8	4	Q
Midwest	1,188	860	190	22	7	4	103
South	1,762	1,392	231	41	17	9	72
West	1,021	745	154	36	16	Q	60
Climate Zone: 45-Year Average							
Under 2,000 CDD and --							
More than 7,000 HDD	525	414	82	Q	Q	Q	Q
5,500-7,000 HDD	986	727	158	14	8	6	73
4,000-5,499 HDD	1,085	793	180	32	7	7	66
Fewer than 4,000 HDD	1,134	868	146	48	18	4	Q
2,000 CDD or More and --							
Fewer than 4,000 HDD	926	725	123	16	11	Q	39

Table B14. Number of Establishments in Building, Number of Buildings, 1999

	Number of Buildings (thousand)						
	All Buildings	Number of Establishments in Building					
		One	Two to Five	Six to Ten	Eleven to Twenty	More than Twenty	Currently Unoccupied
Workers (main shift)							
Fewer than 5	2,376	1,891	208	Q	Q	Q	251
5 to 9	807	610	193	Q	Q	Q	N
10 to 19	683	520	149	13	Q	Q	N
20 to 49	487	344	92	41	10	Q	N
50 to 99	174	89	30	27	22	6	N
100 to 249	90	54	12	9	10	5	N
250 or More	39	19	5	3	4	8	N
Ownership and Occupancy							
Nongovernment Owned	4,135	3,084	631	111	47	27	236
Owner Occupied	2,801	2,317	395	58	14	18	N
Nonowner Occupied	1,099	767	236	54	33	9	N
Unoccupied	236	N	N	N	N	N	236
Government Owned	521	444	58	3	Q	Q	Q
Vacancy Status							
Completely Vacant	140	N	N	N	N	N	140
Mostly Vacant	113	77	Q	Q	Q	N	29
Partially Vacant	697	400	137	44	21	13	82
Not At All Vacant	3,707	3,051	549	66	26	15	N
Multibuilding Facility Activity							
Not Part of a Multibuilding							
Facility	3,295	2,446	532	58	33	19	207
College or University	70	66	3	Q	Q	Q	Q
Primary or Secondary School	224	221	Q	N	N	Q	Q
Office Complex	134	78	35	10	3	1	Q
Retail Complex	181	113	26	29	6	2	Q
Religious Campus or Complex	186	170	Q	N	Q	N	N
Health Care Complex	72	50	Q	Q	Q	Q	Q
Government Complex	61	49	Q	Q	Q	N	N
Other	434	335	47	Q	Q	Q	Q
Energy Sources (more than one may apply)							
Electricity	4,395	3,437	680	113	48	27	90
Natural Gas	2,670	2,038	459	79	23	19	50
Fuel Oil	434	346	71	5	5	6	Q
District Heat	117	101	7	Q	1	1	N
District Chilled Water	50	44	3	Q	Q	Q	N
Propane	451	397	43	Q	Q	Q	Q
Other	153	140	Q	Q	Q	Q	Q
Energy End Uses (more than one may apply)							
Buildings with Space Heating	4,016	3,138	661	103	43	24	48
Buildings with Cooling	3,560	2,711	637	106	46	25	34
Buildings with Water Heating	3,239	2,507	538	96	37	23	38
Buildings with Cooking	857	673	106	44	17	16	Q
Buildings with Manufacturing	151	125	12	Q	Q	Q	N
Buildings with Electricity Generation	172	141	16	5	5	4	Q
Heating Equipment (more than one may apply)							
Heat Pumps	492	355	109	17	7	3	Q
Furnaces	1,460	1,132	282	22	7	1	Q
Individual Space Heaters	894	713	144	14	Q	3	Q
District Heat	96	80	6	Q	Q	1	N
Boilers	581	479	71	10	7	Q	Q
Packaged Heating Units	1,347	1,012	224	59	23	10	Q
Other	185	149	22	Q	3	2	Q

Table B14. Number of Establishments in Building, Number of Buildings, 1999

	Number of Buildings (thousand)						
	All Buildings	Number of Establishments in Building					
		One	Two to Five	Six to Ten	Eleven to Twenty	More than Twenty	Currently Unoccupied
Cooling Equipment (more than one may apply)							
Residential-Type Central							
Air Conditioners	676	506	149	Q	4	2	Q
Heat Pumps	485	339	118	18	7	3	Q
Individual Air Conditioners	799	612	151	Q	Q	3	Q
District Chilled Water	50	44	3	Q	Q	Q	N
Central Chillers	130	92	16	4	5	11	Q
Packaged Air Conditioning							
Units	1,953	1,469	322	84	31	14	Q
Swamp Coolers	136	124	8	Q	Q	Q	N
Other	49	44	Q	Q	Q	Q	N
Lighting Equipment Types (more than one may apply)							
Incandescent	2,193	1,746	329	61	29	19	Q
Standard Fluorescent	3,778	2,965	628	105	44	25	Q
Compact Fluorescent	607	451	108	28	11	9	Q
High Intensity Discharge	430	322	74	18	5	Q	N
Halogen	572	425	98	31	9	8	Q
Other	58	41	Q	Q	Q	Q	N
Personal Computers							
None	1,617	1,248	120	Q	Q	Q	233
1 to 4	1,636	1,323	268	34	Q	Q	Q
5 to 9	542	385	136	14	Q	Q	Q
10 to 19	403	271	78	32	7	Q	Q
20 to 49	247	174	47	11	11	Q	N
50 to 99	105	59	24	8	10	3	Q
100 to 249	71	45	10	6	5	4	N
250 or More	36	23	4	2	3	5	N
Photocopiers							
None	2,825	2,231	295	30	14	Q	246
One	1,114	888	177	40	Q	Q	Q
2 to 4	540	346	167	13	9	5	Q
5 to 9	102	41	42	15	4	Q	N
10 or More	75	22	8	16	18	11	N
Other Electronic Equipment (more than one may apply)							
Laser Printers	1,949	1,421	377	81	41	18	Q
FAX Machines	2,807	2,076	552	101	47	20	Q
Medical Diagnostic Equipment	86	53	26	Q	2	Q	N

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.

Table B15. Number of Establishments in Building, Floorspace, 1999

	Total Floorspace (million square feet)						
	All Buildings	Number of Establishments in Building					
		One	Two to Five	Six to Ten	Eleven to Twenty	More than Twenty	Currently Unoccupied
All Buildings	67,338	43,343	10,582	3,574	3,260	4,811	1,769
Building Floorspace (Square Feet)							
1,001 to 5,000	6,774	5,358	857	Q	Q	Q	512
5,001 to 10,000	8,238	5,952	1,630	137	Q	Q	Q
10,001 to 25,000	11,153	7,812	1,982	784	Q	Q	296
25,001 to 50,000	9,311	6,720	1,220	550	494	Q	Q
50,001 to 100,000	10,112	6,063	1,833	845	839	432	Q
100,001 to 200,000	8,271	4,798	1,453	480	790	690	Q
200,001 to 500,000	6,851	4,126	931	498	455	702	Q
Over 500,000	6,628	2,514	676	Q	416	2,771	Q
Principal Building Activity							
Education	8,651	7,947	657	Q	Q	Q	N
Food Sales	994	808	Q	N	N	Q	N
Food Service	1,851	1,638	Q	Q	N	N	N
Health Care	2,918	2,139	341	Q	157	Q	N
Inpatient	1,865	1,611	Q	Q	Q	Q	N
Outpatient	1,053	529	195	Q	Q	Q	N
Lodging	4,521	3,724	617	Q	N	Q	N
Mercantile	10,398	3,831	1,618	1,387	1,205	2,315	Q
Retail (Other Than Mall)	4,766	3,756	783	Q	Q	Q	Q
Enclosed and Strip Malls	5,631	Q	836	1,261	1,171	2,289	N
Office	12,044	5,073	2,502	1,369	1,395	1,705	N
Public Assembly	4,393	3,122	821	Q	Q	Q	Q
Public Order and Safety	1,168	773	320	Q	Q	N	N
Religious Worship	3,405	3,016	373	Q	N	N	N
Service	3,388	2,674	672	Q	Q	N	Q
Warehouse and Storage	10,477	7,097	2,104	313	Q	Q	Q
Other	1,222	913	Q	Q	Q	Q	N
Vacant	1,908	586	Q	Q	Q	N	1,217
Year Constructed							
1919 or Before	4,034	2,804	593	Q	Q	Q	261
1920 to 1945	6,445	4,327	1,236	Q	Q	255	234
1946 to 1959	9,127	6,244	1,543	Q	Q	Q	468
1960 to 1969	10,866	7,779	1,279	496	321	766	Q
1970 to 1979	11,840	7,185	1,798	663	947	1,091	Q
1980 to 1989	13,931	7,382	2,388	1,251	988	1,622	Q
1990 to 1999	11,094	7,622	1,745	485	498	621	Q
Floors							
One	26,800	17,636	4,381	1,480	1,351	918	1,035
Two	16,985	11,651	2,655	738	425	1,193	324
Three	8,928	6,346	1,517	301	189	Q	Q
Four to Nine	10,180	6,313	1,555	737	696	779	Q
Ten or More	4,445	1,398	475	317	599	1,603	Q
Census Region							
Northeast	12,360	7,665	2,186	494	705	1,159	Q
Midwest	16,761	11,299	2,900	571	579	864	548
South	23,485	14,723	3,421	1,440	1,239	2,000	662
West	14,731	9,655	2,075	1,068	738	788	407
Climate Zone: 45-Year Average							
Under 2,000 CDD and --							
More than 7,000 HDD	5,890	4,124	1,099	Q	Q	Q	Q
5,500-7,000 HDD	17,083	11,387	2,746	590	776	1,162	422
4,000-5,499 HDD	16,243	10,037	2,864	888	696	1,349	409
Fewer than 4,000 HDD	16,333	10,345	2,323	1,278	833	1,024	531
2,000 CDD or More and --							
Fewer than 4,000 HDD	11,788	7,449	1,549	617	753	1,134	285

Table B15. Number of Establishments in Building, Floorspace, 1999

	Total Floorspace (million square feet)						
	All Buildings	Number of Establishments in Building					
		One	Two to Five	Six to Ten	Eleven to Twenty	More than Twenty	Currently Unoccupied
Workers (main shift)							
Fewer than 5	14,321	10,723	1,619	Q	Q	Q	1,769
5 to 9	6,325	4,718	1,459	Q	Q	Q	N
10 to 19	8,028	6,063	1,701	216	Q	Q	N
20 to 49	10,814	7,280	2,204	918	389	Q	N
50 to 99	8,898	5,111	1,554	773	1,021	440	N
100 to 249	8,356	4,796	1,053	752	992	764	N
250 or More	10,595	4,651	992	683	789	3,480	N
Ownership and Occupancy							
Nongovernment Owned	54,994	33,290	9,077	3,369	3,097	4,549	1,613
Owner Occupied	37,785	25,947	5,371	1,699	1,336	3,433	N
Nonowner Occupied	15,596	7,343	3,706	1,670	1,761	1,116	N
Unoccupied	1,613	N	N	N	N	N	1,613
Government Owned	12,343	10,053	1,505	205	Q	Q	Q
Vacancy Status							
Completely Vacant	953	N	N	N	N	N	953
Mostly Vacant	956	586	Q	Q	Q	N	264
Partially Vacant	15,520	5,698	2,238	1,700	1,821	3,513	552
Not At All Vacant	49,910	37,058	8,276	1,850	1,427	1,298	N
Multibuilding Facility Activity							
Not Part of a Multibuilding							
Facility	41,289	26,162	6,621	1,770	2,047	3,271	1,419
College or University	2,605	2,336	186	Q	Q	Q	Q
Primary or Secondary School	3,388	3,229	Q	N	N	Q	Q
Office Complex	3,353	1,220	787	533	463	284	Q
Retail Complex	3,555	1,035	466	799	396	839	Q
Religious Campus or Complex	1,907	1,665	Q	N	Q	N	N
Health Care Complex	2,339	1,673	334	Q	Q	Q	Q
Government Complex	1,513	1,025	400	Q	Q	N	N
Other	7,389	4,998	1,439	263	Q	Q	Q
Energy Sources (more than one may apply)							
Electricity	65,716	42,839	10,442	3,568	3,260	4,809	797
Natural Gas	45,525	29,717	7,439	2,463	1,786	3,596	525
Fuel Oil	13,285	8,327	1,795	481	810	1,861	Q
District Heat	5,891	4,149	559	331	171	681	N
District Chilled Water	2,750	2,117	207	Q	Q	Q	N
Propane	6,290	4,921	728	Q	Q	Q	Q
Other	2,322	1,676	Q	Q	Q	Q	Q
Energy End Uses (more than one may apply)							
Buildings with Space Heating	61,602	40,297	10,038	3,289	2,993	4,563	422
Buildings with Cooling	58,474	37,062	9,632	3,453	3,168	4,741	417
Buildings with Water Heating	56,115	36,207	8,866	3,191	2,828	4,595	427
Buildings with Cooking	24,681	14,870	3,143	1,541	1,611	3,483	Q
Buildings with Manufacturing	3,126	2,094	524	Q	Q	Q	N
Buildings with Electricity Generation	11,882	7,109	1,523	537	761	1,927	Q
Heating Equipment (more than one may apply)							
Heat Pumps	8,923	5,009	1,741	529	559	1,067	Q
Furnaces	14,449	10,187	3,020	420	346	378	Q
Individual Space Heaters	17,349	11,358	3,263	652	690	1,294	Q
District Heat	5,534	3,847	517	331	Q	681	N
Boilers	19,522	13,385	2,861	787	821	1,592	Q
Packaged Heating Units	25,743	15,436	3,885	1,967	1,615	2,656	Q
Other	4,073	2,266	464	Q	280	830	Q

Table B15. Number of Establishments in Building, Floorspace, 1999

	Total Floorspace (million square feet)						
	All Buildings	Number of Establishments in Building					
		One	Two to Five	Six to Ten	Eleven to Twenty	More than Twenty	Currently Unoccupied
Cooling Equipment (more than one may apply)							
Residential-Type Central							
Air Conditioners	8,329	5,833	1,554	190	230	516	Q
Heat Pumps	9,147	5,058	1,869	584	556	1,062	Q
Individual Air Conditioners	14,276	10,302	2,282	427	398	656	Q
District Chilled Water	2,750	2,117	207	Q	Q	Q	N
Central Chillers	12,909	7,088	1,609	681	833	2,651	Q
Packaged Air Conditioning							
Units	36,527	22,190	5,848	2,742	2,154	3,260	Q
Swamp Coolers	2,219	1,662	223	Q	Q	Q	N
Other	1,312	820	Q	Q	Q	Q	N
Lighting Equipment Types (more than one may apply)							
Incandescent	38,156	24,358	5,930	2,026	2,219	3,540	Q
Standard Fluorescent	60,344	39,064	9,845	3,393	3,126	4,750	Q
Compact Fluorescent	20,666	11,751	3,131	1,386	1,205	3,165	Q
High Intensity Discharge	19,223	12,406	2,730	856	692	2,539	N
Halogen	17,926	10,103	2,625	1,168	1,026	2,974	Q
Other	1,004	499	Q	Q	Q	Q	N
Personal Computers							
None	9,583	6,911	951	Q	Q	Q	1,498
1 to 4	13,853	10,377	2,558	535	Q	Q	Q
5 to 9	6,528	4,408	1,497	329	Q	Q	Q
10 to 19	7,514	4,351	1,568	654	376	Q	Q
20 to 49	8,087	5,115	1,488	504	669	310	N
50 to 99	5,867	3,540	846	372	543	555	Q
100 to 249	6,818	3,795	859	522	563	1,079	N
250 or More	9,088	4,845	814	537	669	2,224	N
Photocopiers							
None	21,631	15,084	2,969	828	609	455	1,685
One	12,928	10,025	2,011	555	Q	Q	Q
2 to 4	15,620	10,518	3,419	536	473	656	Q
5 to 9	5,384	3,160	1,139	482	272	Q	N
10 or More	11,774	4,555	1,044	1,172	1,817	3,187	N
Other Electronic Equipment (more than one may apply)							
Laser Printers	46,567	28,624	7,497	2,882	2,963	4,495	Q
FAX Machines	54,764	33,961	9,305	3,398	3,233	4,725	Q
Medical Diagnostic Equipment	2,493	1,727	328	Q	157	Q	N

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.

Table B16. Multibuilding Facilities, Number of Buildings and Floorspace, 1999

	Number of Buildings (thousand)			Total Floorspace (million square feet)		
	All Buildings	Buildings on Multibuilding Facilities		All Buildings	Buildings on Multibuilding Facilities	
		All Buildings	With Central Physical Plant		All Buildings	With Central Physical Plant
All Buildings	4,657	1,362	142	67,338	26,049	7,101
Building Floorspace (Square Feet)						
1,001 to 5,000	2,348	604	Q	6,774	1,706	Q
5,001 to 10,000	1,110	297	Q	8,238	2,211	Q
10,001 to 25,000	708	253	26	11,153	3,965	464
25,001 to 50,000	257	104	26	9,311	3,728	901
50,001 to 100,000	145	63	17	10,112	4,498	1,274
100,001 to 200,000	59	27	8	8,271	3,799	1,159
200,001 to 500,000	23	10	5	6,851	3,107	1,538
Over 500,000	7	3	2	6,628	3,036	1,484
Principal Building Activity						
Education	327	229	38	8,651	4,574	1,812
Food Sales	174	Q	Q	994	Q	Q
Food Service	349	38	Q	1,851	271	Q
Health Care	127	29	8	2,918	1,823	1,100
Inpatient	11	5	3	1,865	1,401	963
Outpatient	116	24	Q	1,053	423	137
Lodging	153	88	23	4,521	1,751	735
Mercantile	667	112	Q	10,398	2,995	Q
Retail (Other Than Mall)	534	73	Q	4,766	861	Q
Enclosed and Strip Malls	133	39	Q	5,631	2,134	Q
Office	739	229	21	12,044	4,769	1,280
Public Assembly	305	121	18	4,393	2,093	904
Public Order and Safety	72	22	3	1,168	529	206
Religious Worship	307	108	Q	3,405	1,276	Q
Service	478	63	Q	3,388	818	Q
Warehouse and Storage	603	234	Q	10,477	3,987	Q
Other	102	22	Q	1,222	519	253
Vacant	253	53	Q	1,908	514	Q
Year Constructed						
1919 or Before	419	94	20	4,034	1,038	413
1920 to 1945	499	129	21	6,445	2,331	579
1946 to 1959	763	200	30	9,127	3,484	1,360
1960 to 1969	665	191	26	10,866	4,385	1,894
1970 to 1979	774	228	14	11,840	5,040	1,255
1980 to 1989	846	322	23	13,931	5,871	916
1990 to 1999	690	199	8	11,094	3,901	684
Census Region						
Northeast	686	150	33	12,360	4,037	1,418
Midwest	1,188	250	28	16,761	5,826	1,721
South	1,762	544	30	23,485	9,207	1,649
West	1,021	418	51	14,731	6,978	2,313
Workers (main shift)						
Fewer than 5	2,376	620	42	14,321	4,556	576
5 to 9	807	190	16	6,325	2,124	370
10 to 19	683	210	31	8,028	2,442	534
20 to 49	487	219	20	10,814	4,535	841
50 to 99	174	63	14	8,898	3,645	730
100 to 249	90	40	10	8,356	3,561	1,332
250 or More	39	21	9	10,595	5,185	2,718

Table B16. Multibuilding Facilities, Number of Buildings and Floorspace, 1999

	Number of Buildings (thousand)			Total Floorspace (million square feet)		
	All Buildings	Buildings on Multibuilding Facilities		All Buildings	Buildings on Multibuilding Facilities	
		All Buildings	With Central Physical Plant		All Buildings	With Central Physical Plant
Weekly Operating Hours						
39 or Fewer	978	301	Q	6,596	2,207	Q
40 to 48	1,156	325	43	13,105	5,113	1,022
49 to 60	986	288	22	14,200	5,255	1,171
61 to 84	664	184	18	12,458	4,500	1,186
85 to 167	474	93	8	9,116	3,412	935
Open Continuously	398	171	42	11,863	5,562	2,657
Ownership and Occupancy						
Nongovernment Owned	4,135	1,038	79	54,994	19,102	3,929
Owner Occupied	2,801	751	65	37,785	13,745	3,395
Nonowner Occupied	1,099	244	13	15,596	5,072	495
Unoccupied	236	43	Q	1,613	285	Q
Government Owned	521	324	64	12,343	6,947	3,172
Vacancy Status						
Completely Vacant	140	Q	Q	953	Q	Q
Mostly Vacant	113	36	Q	956	361	Q
Partially Vacant	697	263	17	15,520	6,196	1,484
Not At All Vacant	3,707	1,047	124	49,910	19,339	5,546
Multibuilding Facility Activity						
Not Part of a Multibuilding						
Facility	3,295	N	N	41,289	N	N
College or University	70	70	53	2,605	2,605	2,064
Primary or Secondary School	224	224	25	3,388	3,388	899
Office Complex	134	134	3	3,353	3,353	583
Retail Complex	181	181	Q	3,555	3,555	Q
Religious Campus or Complex	186	186	Q	1,907	1,907	Q
Health Care Complex	72	72	16	2,339	2,339	1,303
Government Complex	61	61	19	1,513	1,513	731
Other	434	434	15	7,389	7,389	1,140
Central Plant that Produces						
District Hot Water	97	97	97	4,468	4,468	4,468
District Steam	91	91	91	4,409	4,409	4,409
District Chilled Water	88	88	88	4,951	4,951	4,951
Electricity	32	32	32	1,377	1,377	1,377
Energy Sources (more than one may apply)						
Electricity	4,395	1,262	141	65,716	25,399	7,075
Natural Gas	2,670	663	67	45,525	16,613	4,161
Fuel Oil	434	98	18	13,285	5,401	2,321
District Heat	117	85	69	5,891	4,318	3,617
District Chilled Water	50	47	35	2,750	2,441	2,066
Propane	451	112	4	6,290	2,041	396
Other	153	19	Q	2,322	681	Q
Energy End Uses (more than one may apply)						
Buildings with Space Heating	4,016	1,139	138	61,602	23,532	6,842
Buildings with Cooling	3,560	993	115	58,474	22,088	6,270
Buildings with Water Heating	3,239	878	126	56,115	21,410	6,378
Buildings with Cooking	857	187	32	24,681	9,202	3,171
Buildings with Manufacturing	151	25	Q	3,126	983	Q

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.

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