

**Table B15. Employment Size Category, Number of Buildings for Non-Mall Buildings, 2003**

	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
<b>All Buildings*</b> .....	4,645	2,653	778	563	398	147	77	30
<b>Building Floorspace (Square Feet)</b>								
1,001 to 5,000 .....	2,552	1,879	422	202	43	Q	Q	N
5,001 to 10,000 .....	889	452	192	146	87	Q	Q	N
10,001 to 25,000 .....	738	268	134	154	131	42	Q	N
25,001 to 50,000 .....	241	36	24	38	82	44	17	Q
50,001 to 100,000 .....	129	10	4	16	41	31	21	5
100,001 to 200,000 .....	65	6	Q	Q	11	15	18	10
200,001 to 500,000 .....	25	Q	Q	Q	2	4	6	8
Over 500,000 .....	7	Q	N	N	Q	Q	Q	5
<b>Principal Building Activity</b>								
Education .....	386	150	49	57	69	42	15	3
Food Sales .....	226	162	Q	Q	Q	Q	Q	N
Food Service .....	297	101	92	68	30	Q	Q	N
Health Care .....	129	Q	41	Q	26	3	8	4
Inpatient .....	8	N	N	Q	Q	Q	4	3
Outpatient .....	121	Q	41	Q	26	Q	5	Q
Lodging .....	142	78	18	18	16	8	4	Q
Retail (Other Than Mall).....	443	268	90	57	14	12	3	Q
Office .....	824	255	215	133	128	46	30	18
Public Assembly .....	277	196	33	27	12	Q	Q	Q
Public Order and Safety .....	71	30	Q	Q	Q	Q	Q	Q
Religious Worship .....	370	283	42	31	10	Q	Q	Q
Service .....	622	462	78	44	29	Q	Q	Q
Warehouse and Storage .....	597	423	62	67	34	7	3	Q
Other .....	79	45	Q	Q	Q	Q	Q	1
Vacant .....	182	179	Q	Q	Q	N	N	N
<b>Year Constructed</b>								
Before 1920 .....	330	203	62	30	21	11	Q	Q
1920 to 1945 .....	527	325	97	51	37	10	5	2
1946 to 1959 .....	562	344	90	61	46	14	5	2
1960 to 1969 .....	579	331	87	74	48	21	14	3
1970 to 1979 .....	731	394	118	91	85	23	15	5
1980 to 1989 .....	707	383	148	69	54	30	14	9
1990 to 1999 .....	876	481	128	135	83	26	18	6
2000 to 2003 .....	334	192	49	49	25	13	4	2
<b>Census Region</b>								
Northeast .....	726	363	137	110	66	27	16	7
Midwest .....	1,266	787	173	145	102	37	15	6
South .....	1,775	1,033	317	200	136	50	28	10
West .....	878	469	151	108	94	33	18	6
<b>Climate Zone: 30-Year Average</b>								
Under 2,000 CDD and --								
More than 7,000 HDD .....	855	501	131	101	81	28	10	3
5,500-7,000 HDD .....	1,173	683	183	151	96	36	16	8
4,000-5,499 HDD .....	673	360	124	79	62	25	16	6
Fewer than 4,000 HDD .....	1,276	747	218	141	102	40	22	6
2,000 CDD or More and --								
Fewer than 4,000 HDD .....	669	362	123	90	56	19	12	6

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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
<b>All Buildings*</b> .....	4,645	2,653	778	563	398	147	77	30
<b>Number of Floors</b>								
One .....	3,136	2,005	515	333	198	69	13	3
Two .....	1,031	491	174	162	134	41	25	4
Three .....	339	134	77	48	40	19	18	3
Four to Nine .....	128	23	12	20	24	17	19	13
Ten or More .....	12	N	Q	Q	Q	Q	2	7
<b>Elevators and Escalators (more than one may apply)</b>								
Any Elevators .....	309	39	20	54	67	50	53	27
Number of Elevators								
One .....	208	33	18	48	50	33	24	3
Two to Five .....	88	Q	Q	6	17	16	27	15
Six or More .....	13	Q	N	N	Q	Q	2	9
Any Escalators .....	6	Q	Q	N	Q	Q	Q	3
<b>Weekly Operating Hours</b>								
Fewer than 40 .....	1,002	867	73	40	12	Q	Q	Q
40 to 48 .....	1,117	567	240	161	98	34	14	3
49 to 60 .....	1,062	494	230	150	120	40	19	8
61 to 84 .....	591	255	106	113	69	28	16	4
85 to 167 .....	400	175	74	63	54	21	8	4
Open Continuously .....	475	294	56	36	43	18	19	10
<b>Ownership and Occupancy</b>								
Nongovernment Owned .....	4,011	2,347	701	488	303	97	53	22
Owner Occupied .....	1,841	989	376	238	156	42	30	9
Nonowner Occupied .....	2,029	1,217	325	250	147	55	23	13
Unoccupied .....	141	141	N	N	N	N	N	N
Government Owned .....	635	306	78	75	94	50	24	8
Federal .....	46	Q	Q	Q	Q	Q	Q	1
State .....	164	72	Q	26	26	12	6	Q
Local .....	425	211	52	43	64	34	16	4
<b>Vacancy Status</b>								
Completely Vacant .....	157	157	N	N	N	N	N	N
Mostly Vacant .....	25	Q	Q	Q	Q	N	N	N
Partially Vacant .....	548	322	72	52	46	24	20	12
Not At All Vacant .....	3,915	2,152	704	509	351	123	57	18
<b>Number of Establishments</b>								
One .....	3,754	2,233	627	442	291	100	47	13
2 to 5 .....	643	252	149	110	84	29	14	6
6 to 10 .....	55	Q	Q	Q	17	9	6	4
11 to 20 .....	23	Q	Q	N	Q	6	6	2
More than 20 .....	14	Q	N	Q	Q	Q	4	4
Currently Unoccupied .....	157	157	N	N	N	N	N	N

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**Table B15. Employment Size Category, Number of Buildings for Non-Mall Buildings, 2003**

	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
<b>All Buildings*</b> .....	4,645	2,653	778	563	398	147	77	30
<b>Energy Sources (more than one may apply)</b>								
Electricity .....	4,404	2,415	775	563	397	147	77	30
Natural Gas .....	2,391	1,082	474	359	289	113	52	23
Fuel Oil .....	451	252	67	38	36	22	20	16
District Heat .....	67	20	Q	Q	16	7	9	5
District Chilled Water .....	33	Q	Q	Q	6	7	6	4
Propane .....	502	318	75	59	30	9	8	3
Other .....	132	84	Q	Q	13	Q	Q	1
<b>Energy End Uses (more than one may apply)</b>								
Buildings with Space Heating .....	3,982	2,080	733	536	387	141	76	29
Buildings with Cooling .....	3,625	1,746	725	523	386	139	76	30
Buildings with Water Heating .....	3,472	1,653	675	514	384	142	75	30
Buildings with Cooking .....	801	301	152	134	115	53	31	14
Buildings with Manufacturing .....	119	48	Q	19	21	Q	3	2
Buildings with Electricity Generation .....	149	23	Q	21	31	23	22	16
<b>Heating Equipment (more than one may apply)</b>								
Heat Pumps .....	476	236	89	64	42	23	16	5
Packaged Heat Pumps .....	278	133	60	32	24	16	10	4
Split-System Heat Pumps .....	166	92	Q	29	12	Q	Q	1
Individual Room Heat Pumps .....	58	Q	Q	Q	11	8	5	2
Furnaces .....	1,864	1,013	399	244	152	40	12	4
Individual Space Heaters .....	819	470	120	102	86	22	14	5
District Heat .....	65	Q	Q	Q	16	7	9	5
Boilers .....	579	216	88	81	94	51	34	15
Packaged Heating Units .....	953	366	186	165	137	58	33	9
Other .....	205	125	Q	28	19	5	Q	3
<b>Cooling Equipment (more than one may apply)</b>								
Residential-Type Central								
Air Conditioners .....	1,006	508	240	146	81	19	9	2
Heat Pumps .....	492	257	89	57	47	22	15	5
Packaged Heat Pumps .....	288	142	60	30	28	15	9	3
Split-System Heat Pumps .....	174	104	Q	24	13	Q	Q	1
Individual Room Heat Pumps .....	58	Q	Q	Q	11	8	5	2
Individual Air Conditioners .....	742	428	110	93	68	25	14	4
District Chilled Water .....	33	Q	Q	Q	6	7	6	4
Central Chillers .....	111	Q	Q	10	29	20	22	14
Packaged Air Conditioning								
Units .....	1,613	619	345	274	223	92	44	16
Swamp Coolers .....	122	64	Q	Q	21	Q	Q	Q
Other .....	40	Q	Q	Q	Q	Q	Q	1
<b>Main Equipment Replaced Since 1990 (more than one may apply)</b>								
Heating .....	1,197	626	227	158	123	37	20	6
Cooling .....	1,356	667	268	183	154	48	25	10

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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
<b>All Buildings*</b> .....	4,645	2,653	778	563	398	147	77	30
<b>Office Equipment (more than one may apply)</b>								
Computers .....	3,081	1,271	663	508	392	143	75	30
With Flat Screen Monitors .....	877	219	186	150	166	83	46	26
Dedicated Servers .....	1,175	188	256	262	266	110	64	28
Laser Printers .....	1,970	872	425	300	233	82	44	15
Inkjet Printers .....	1,420	400	342	275	239	94	48	23
FAX Machines .....	2,715	1,008	623	466	374	139	75	29
Photocopiers .....	1,939	575	447	344	332	138	74	29
<b>Number of Computers</b>								
None .....	1,565	1,382	115	55	Q	Q	Q	N
1 to 4 .....	1,670	1,116	338	160	48	Q	Q	N
5 to 9 .....	559	112	245	131	65	5	Q	Q
10 to 19 .....	370	30	67	165	83	22	Q	Q
20 to 49 .....	255	Q	Q	42	145	33	13	Q
50 to 99 .....	110	Q	Q	Q	36	46	14	Q
100 to 249 .....	79	Q	Q	Q	13	25	34	6
250 or More .....	38	Q	Q	Q	Q	6	9	21
<b>Number of Dedicated Servers</b>								
None .....	3,471	2,465	522	301	131	37	12	2
1 to 4 .....	1,060	185	256	257	237	84	34	7
5 to 9 .....	58	Q	Q	Q	18	12	15	5
10 to 19 .....	30	Q	N	N	Q	5	9	7
20 to 49 .....	17	N	N	N	Q	Q	5	5
50 or More .....	10	N	N	N	Q	Q	Q	5
<b>Number of Photocopiers</b>								
None .....	2,706	2,078	331	218	66	10	Q	Q
One .....	1,250	515	362	215	124	29	5	Q
2 to 4 .....	549	60	81	122	182	77	24	3
5 to 9 .....	85	Q	Q	Q	24	22	22	6
10 or More .....	54	N	Q	N	Q	9	23	20
<b>Energy-Related Space Functions (more than one may apply)</b>								
Commercial Food Preparation .....	799	300	152	134	115	53	31	14
Activities with Large Amounts of Hot Water .....	567	199	94	90	99	45	28	11
Separate Computer Area .....	553	73	73	105	143	84	51	25
<b>HVAC Conservation Features (more than one may apply)</b>								
Variable Air-Volume System .....	466	102	79	84	103	41	36	21
Economizer Cycle .....	508	127	102	65	98	56	38	22
HVAC Maintenance .....	2,581	1,086	516	408	335	134	74	29
Energy Management and Control System (EMCS) .....	252	57	18	34	57	41	29	16

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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
<b>All Buildings*</b> .....	4,645	2,653	778	563	398	147	77	30
<b>Window and Interior Lighting Features (more than one may apply)</b>								
Multipaned Windows .....	2,201	1,056	398	329	255	96	46	21
Tinted Window Glass .....	1,323	582	227	207	174	66	44	22
Reflective Window Glass .....	308	150	44	25	45	23	12	8
External Overhangs or Awnings .....	1,233	585	251	207	119	42	23	7
Skylights or Atriums .....	331	118	54	59	48	25	17	9
Daylighting Sensors .....	74	31	Q	Q	10	7	6	3
Specular Reflectors .....	928	358	178	121	146	67	38	19
Electronic Ballasts .....	2,577	1,275	452	355	279	122	65	29
Energy Management and Control System (EMCS) for Lighting .....	60	Q	Q	Q	14	8	5	6
<b>Equipment Usage Reduced When Building Not In Full Use (more than one may apply)<sup>a</sup></b>								
Heating .....	2,878	1,522	533	383	259	109	50	22
Cooling .....	2,761	1,357	547	396	278	109	50	24
Lighting .....	3,685	1,935	695	510	344	126	57	19
Office Equipment .....	1,504	721	333	239	138	46	21	4

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.

<sup>a</sup> 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.

**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
<b>All Buildings*</b> .....	64,783	15,492	6,166	7,803	10,989	7,934	6,871	9,528
<b>Building Floorspace (Square Feet)</b>								
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
<b>Principal Building Activity</b>								
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
<b>Year Constructed</b>								
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
<b>Census Region</b>								
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
<b>Climate Zone: 30-Year Average</b>								
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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**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
<b>All Buildings*</b> .....	64,783	15,492	6,166	7,803	10,989	7,934	6,871	9,528
<b>Number of Floors</b>								
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
<b>Elevators and Escalators (more than one may apply)</b>								
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
<b>Weekly Operating Hours</b>								
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
<b>Ownership and Occupancy</b>								
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 .....								
Federal .....	1,916	1,916	N	N	N	N	N	N
State .....	15,363	2,176	780	1,013	3,049	3,378	2,732	2,235
Local .....	1,956	Q	Q	Q	Q	Q	Q	761
	3,808	456	Q	277	916	803	681	493
	9,599	1,128	495	678	2,022	2,340	1,956	981
<b>Vacancy Status</b>								
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
<b>Number of Establishments</b>								
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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**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
<b>All Buildings*</b> .....	64,783	15,492	6,166	7,803	10,989	7,934	6,871	9,528
<b>Energy Sources (more than one may apply)</b>								
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
<b>Energy End Uses (more than one may apply)</b>								
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
<b>Heating Equipment (more than one may apply)</b>								
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
<b>Cooling Equipment (more than one may apply)</b>								
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
<b>Main Equipment Replaced Since 1990 (more than one may apply)</b>								
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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**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
<b>All Buildings*</b> .....	64,783	15,492	6,166	7,803	10,989	7,934	6,871	9,528
<b>Office Equipment (more than one may apply)</b>								
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
<b>Number of Computers</b>								
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
<b>Number of Dedicated Servers</b>								
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
<b>Number of Photocopiers</b>								
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
<b>Energy-Related Space Functions (more than one may apply)</b>								
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
<b>HVAC Conservation Features (more than one may apply)</b>								
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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**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
<b>All Buildings*</b> .....	64,783	15,492	6,166	7,803	10,989	7,934	6,871	9,528
<b>Window and Interior Lighting Features (more than one may apply)</b>								
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
<b>Equipment Usage Reduced When Building Not In Full Use (more than one may apply)<sup>a</sup></b>								
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.

<sup>a</sup> 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.

**Table B17. Occupancy of Nongovernment-Owned and Government-Owned Buildings, Number of Buildings for Non-Mall Buildings, 2003**

	Number of Buildings (thousand)								
	All Buildings*	Nongovernment-Owned Buildings				Government-Owned Buildings			
		Nongovernment-Owned Buildings	Owner Occupied	Nonowner Occupied	Unoccupied	Government-Owned Buildings	Federal	State	Local
<b>All Buildings*</b> .....	4,645	4,011	1,841	2,029	141	635	46	164	425
<b>Building Floorspace (Square Feet)</b>									
1,001 to 5,000 .....	2,552	2,272	980	1,205	87	280	Q	77	183
5,001 to 10,000 .....	889	783	384	375	Q	106	Q	Q	87
10,001 to 25,000 .....	738	625	320	293	Q	113	Q	40	64
25,001 to 50,000 .....	241	185	91	86	Q	56	Q	16	36
50,001 to 100,000 .....	129	82	35	40	Q	47	Q	9	37
100,001 to 200,000 .....	65	43	21	20	Q	22	Q	8	12
200,001 to 500,000 .....	25	16	7	8	Q	9	2	1	5
Over 500,000 .....	7	5	2	3	N	2	1	Q	Q
<b>Principal Building Activity</b>									
Education .....	386	141	83	58	N	245	Q	59	175
Food Sales .....	226	224	94	130	N	Q	N	Q	Q
Food Service .....	297	283	72	211	N	Q	N	Q	Q
Health Care .....	129	122	68	54	N	7	Q	Q	Q
Inpatient .....	8	7	4	3	N	1	Q	Q	Q
Outpatient .....	121	115	64	51	N	Q	Q	Q	Q
Lodging .....	142	134	48	86	N	9	Q	Q	Q
Retail (Other Than Mall).....	443	441	189	252	N	Q	Q	N	N
Office .....	824	742	402	339	N	82	7	28	47
Public Assembly .....	277	182	114	68	N	94	Q	23	67
Public Order and Safety .....	71	Q	Q	Q	N	47	Q	Q	42
Religious Worship .....	370	370	247	124	N	N	N	N	N
Service .....	622	542	285	257	N	80	12	Q	42
Warehouse and Storage .....	597	571	175	396	N	26	Q	Q	Q
Other .....	79	70	38	32	N	Q	Q	Q	Q
Vacant .....	182	166	Q	Q	141	Q	Q	Q	Q
<b>Year Constructed</b>									
Before 1920 .....	330	304	168	125	Q	25	Q	Q	19
1920 to 1945 .....	527	461	222	206	Q	67	8	15	44
1946 to 1959 .....	562	463	213	227	Q	99	Q	22	74
1960 to 1969 .....	579	482	242	224	Q	97	Q	28	56
1970 to 1979 .....	731	638	286	334	Q	92	Q	25	60
1980 to 1989 .....	707	624	273	326	Q	83	Q	24	55
1990 to 1999 .....	876	759	327	423	Q	117	Q	30	84
2000 to 2003 .....	334	280	110	163	Q	55	Q	Q	33
<b>Census Region</b>									
Northeast .....	726	642	365	261	Q	84	Q	25	51
Midwest .....	1,266	1,118	557	518	43	149	11	24	114
South .....	1,775	1,563	598	888	77	212	6	50	156
West .....	878	689	321	362	Q	190	Q	66	103
<b>Climate Zone: 30-Year Average</b>									
Under 2,000 CDD and --									
More than 7,000 HDD .....	855	762	374	361	Q	93	Q	27	56
5,500-7,000 HDD .....	1,173	973	546	399	27	200	27	36	137
4,000-5,499 HDD .....	673	608	276	318	Q	65	1	Q	42
Fewer than 4,000 HDD .....	1,276	1,103	440	621	42	173	Q	64	105
2,000 CDD or More and --									
Fewer than 4,000 HDD .....	669	565	204	330	Q	104	Q	Q	85

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**Table B17. Occupancy of Nongovernment-Owned and Government-Owned Buildings, Number of Buildings for Non-Mall Buildings, 2003**

	Number of Buildings (thousand)								
	All Buildings*	Nongovernment-Owned Buildings				Government-Owned Buildings			
		Nongovernment-Owned Buildings	Owner Occupied	Nonowner Occupied	Unoccupied	Government-Owned Buildings	Federal	State	Local
<b>All Buildings*</b> .....	4,645	4,011	1,841	2,029	141	635	46	164	425
<b>Number of Floors</b>									
One .....	3,136	2,675	1,119	1,454	102	461	35	114	312
Two .....	1,031	921	478	414	29	110	Q	28	79
Three .....	339	303	175	120	Q	37	Q	9	22
Four to Nine .....	128	102	65	36	Q	26	2	13	11
Ten or More .....	12	10	4	6	N	2	0	Q	Q
<b>Elevators and Escalators (more than one may apply)</b>									
Any Elevators .....	309	231	121	102	Q	78	6	27	45
Number of Elevators									
One .....	208	154	87	60	Q	54	Q	15	35
Two to Five .....	88	67	28	37	Q	21	1	11	9
Six or More .....	13	10	6	4	Q	3	1	1	1
Any Escalators .....	6	5	3	2	Q	1	Q	Q	Q
<b>Number of Workers (main shift)</b>									
Fewer than 5 .....	2,653	2,347	989	1,217	141	306	Q	72	211
5 to 9 .....	778	701	376	325	N	78	Q	Q	52
10 to 19 .....	563	488	238	250	N	75	Q	26	43
20 to 49 .....	398	303	156	147	N	94	Q	26	64
50 to 99 .....	147	97	42	55	N	50	Q	12	34
100 to 249 .....	77	53	30	23	N	24	Q	6	16
250 or More .....	30	22	9	13	N	8	1	Q	4
<b>Weekly Operating Hours</b>									
Fewer than 40 .....	1,002	854	356	357	141	148	Q	Q	107
40 to 48 .....	1,117	897	494	403	N	220	Q	58	150
49 to 60 .....	1,062	932	469	463	N	129	6	35	88
61 to 84 .....	591	532	213	319	N	59	Q	14	34
85 to 167 .....	400	374	158	216	N	25	Q	11	9
Open Continuously .....	475	422	151	271	N	53	4	12	37
<b>Vacancy Status</b>									
Completely Vacant .....	157	141	N	N	141	Q	Q	Q	Q
Mostly Vacant .....	25	25	Q	Q	N	Q	N	N	Q
Partially Vacant .....	548	477	176	301	N	71	Q	12	50
Not At All Vacant .....	3,915	3,368	1,654	1,714	N	547	37	151	360
<b>Number of Establishments</b>									
One .....	3,754	3,200	1,460	1,740	N	553	41	147	366
2 to 5 .....	643	584	342	242	N	59	Q	13	41
6 to 10 .....	55	50	23	27	N	5	Q	Q	Q
11 to 20 .....	23	22	10	12	N	Q	Q	Q	Q
More than 20 .....	14	13	5	8	N	Q	Q	Q	Q
Currently Unoccupied .....	157	141	N	N	141	Q	Q	Q	Q

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**Table B17. Occupancy of Nongovernment-Owned and Government-Owned Buildings, Number of Buildings for Non-Mall Buildings, 2003**

	Number of Buildings (thousand)								
	All Buildings*	Nongovernment-Owned Buildings				Government-Owned Buildings			
		Nongovernment-Owned Buildings	Owner Occupied	Nonowner Occupied	Unoccupied	Government-Owned Buildings	Federal	State	Local
<b>All Buildings*</b> .....	4,645	4,011	1,841	2,029	141	635	46	164	425
<b>Multibuilding Facility</b>									
Not Part of a Multibuilding Facility .....									
College or University .....	83	32	21	11	N	51	N	43	Q
Primary or Secondary School .....	254	34	Q	20	N	221	Q	41	164
Office Complex .....	111	105	40	62	Q	Q	Q	Q	Q
Retail Complex .....	151	150	55	88	Q	Q	N	Q	N
Religious Campus or Complex .....	195	195	136	57	Q	N	N	N	N
Health Care Complex .....	39	30	14	16	N	Q	Q	Q	Q
Lodging or Resort Complex .....	61	59	15	40	Q	Q	Q	N	Q
Government Complex .....	87	Q	N	Q	N	84	15	Q	50
Other .....	496	456	152	284	Q	40	Q	Q	27
<b>Predominant Exterior Wall Material</b>									
Brick, Stone or Stucco .....	2,044	1,738	822	851	64	306	21	84	202
Concrete (Block or Poured) .....	786	682	326	322	35	104	5	12	87
Concrete Panels .....	131	113	35	73	Q	18	Q	8	10
Siding or Shingles .....	779	669	323	329	Q	110	Q	Q	66
Metal Panels .....	825	731	299	413	Q	93	Q	Q	57
Window Glass .....	17	16	2	14	Q	Q	Q	Q	Q
Other .....	47	45	27	18	Q	Q	Q	Q	Q
No One Major Type .....	18	Q	Q	Q	Q	Q	N	Q	Q
<b>Predominant Roof Material</b>									
Built-Up .....	1,036	848	344	460	44	188	8	51	129
Shingles (Not Wood) .....	1,325	1,159	592	536	Q	166	Q	46	113
Metal Surfacing .....	1,288	1,140	499	603	Q	148	Q	34	96
Synthetic or Rubber .....	511	431	208	208	Q	80	7	15	58
Slate or Tile .....	263	232	105	119	Q	31	Q	Q	Q
Wooden Materials .....	122	114	44	66	Q	Q	Q	Q	Q
Concrete .....	61	53	30	23	N	Q	Q	Q	Q
Other .....	16	12	Q	Q	Q	Q	Q	Q	Q
No One Major Type .....	25	23	Q	Q	N	Q	Q	N	Q
<b>Renovations in Buildings Constructed Before 1980 (more than one may apply)</b>									
Any Type of Renovation									
Since 1980 .....	1,018	871	484	368	Q	147	7	28	112
Addition or Annex .....	256	212	132	80	Q	44	Q	7	37
Reduction In Floorspace .....	22	18	12	Q	N	Q	Q	Q	Q
Cosmetic Improvements .....	741	648	367	268	Q	93	3	18	73
Wall or Roof Replacement .....	370	305	176	124	Q	65	Q	10	51
Interior Wall									
Re-Configuration .....	411	350	204	140	Q	60	3	11	46
HVAC Equipment Upgrade .....	442	360	222	135	Q	82	4	12	66
Lighting Upgrade .....	455	369	213	150	Q	85	4	16	66
Window Replacement .....	310	261	169	84	Q	50	Q	6	42
Plumbing System Upgrade .....	315	257	156	93	Q	58	3	11	44
Insulation Upgrade .....	227	197	117	74	Q	31	Q	Q	25
Other Renovation .....	19	18	13	Q	N	Q	Q	Q	Q
No Renovations Since 1980 .....	1,710	1,477	647	748	82	233	27	66	140
Building Newer than 1980 .....	1,917	1,663	710	913	40	254	12	71	172

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**Table B17. Occupancy of Nongovernment-Owned and Government-Owned Buildings, Number of Buildings for Non-Mall Buildings, 2003**

	Number of Buildings (thousand)								
	All Buildings*	Nongovernment-Owned Buildings				Government-Owned Buildings			
		Nongovernment-Owned Buildings	Owner Occupied	Nonowner Occupied	Unoccupied	Government-Owned Buildings	Federal	State	Local
<b>All Buildings*</b> .....	4,645	4,011	1,841	2,029	141	635	46	164	425
<b>Energy Sources (more than one may apply)</b>									
Electricity .....	4,404	3,783	1,817	1,885	81	620	46	163	411
Natural Gas .....	2,391	2,078	1,044	997	36	313	23	72	218
Fuel Oil .....	451	371	209	161	Q	80	4	24	52
District Heat .....	67	25	16	8	Q	42	4	27	11
District Chilled Water .....	33	13	9	4	Q	19	0	12	7
Propane .....	502	425	225	194	Q	77	Q	Q	53
Other .....	132	122	75	46	Q	10	Q	Q	Q
<b>Space-Heating Energy Sources (more than one may apply)</b>									
Electricity .....	1,766	1,519	714	781	24	246	14	55	177
Natural Gas .....	2,165	1,879	975	872	31	287	21	65	201
Fuel Oil .....	360	309	183	126	N	51	Q	15	32
District Heat .....	65	23	16	7	Q	42	4	27	11
Propane .....	372	317	167	146	Q	55	Q	Q	38
Other .....	113	107	67	40	Q	Q	Q	Q	Q
<b>Primary Space-Heating Energy Source</b>									
Electricity .....	1,258	1,093	490	581	Q	165	Q	40	117
Natural Gas .....	1,999	1,727	888	808	31	272	21	59	192
Fuel Oil .....	282	239	143	96	N	43	Q	Q	26
District Heat .....	63	22	16	7	Q	41	4	26	11
Propane .....	308	260	122	134	Q	47	Q	Q	33
Other .....	72	71	42	Q	N	Q	N	N	Q
<b>Cooling Energy Sources (more than one may apply)</b>									
Electricity .....	3,589	3,097	1,546	1,511	39	493	35	125	333
Natural Gas .....	17	12	7	4	N	Q	Q	Q	Q
District Chilled Water .....	33	13	9	4	Q	19	0	12	7
<b>Water-Heating Energy Sources (more than one may apply)</b>									
Electricity .....	1,910	1,657	847	796	Q	253	20	61	172
Natural Gas .....	1,445	1,248	618	611	Q	197	12	41	144
Fuel Oil .....	94	72	46	25	N	23	Q	Q	13
District Heat .....	27	11	8	Q	N	17	1	15	Q
Propane .....	128	107	49	58	N	21	Q	Q	17
<b>Cooking Energy Sources (more than one may apply)</b>									
Electricity .....	410	329	151	178	Q	81	Q	9	69
Natural Gas .....	457	389	170	217	Q	68	1	9	57
Propane .....	108	91	52	38	Q	16	Q	Q	13

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**Table B17. Occupancy of Nongovernment-Owned and Government-Owned Buildings, Number of Buildings for Non-Mall Buildings, 2003**

	Number of Buildings (thousand)								
	All Buildings*	Nongovernment-Owned Buildings				Government-Owned Buildings			
		Nongovernment-Owned Buildings	Owner Occupied	Nonowner Occupied	Unoccupied	Government-Owned Buildings	Federal	State	Local
<b>All Buildings*</b> .....	4,645	4,011	1,841	2,029	141	635	46	164	425
<b>Energy End Uses (more than one may apply)</b>									
Buildings with Space Heating .....	3,982	3,413	1,700	1,655	58	569	40	151	378
Buildings with Cooling .....	3,625	3,112	1,556	1,516	39	513	35	139	340
Buildings with Water Heating .....	3,472	2,994	1,507	1,453	34	479	33	119	327
Buildings with Cooking .....	801	670	319	348	Q	131	Q	18	109
Buildings with Manufacturing .....	119	118	70	47	N	Q	Q	Q	Q
Buildings with Electricity Generation .....	149	97	53	44	Q	52	Q	13	38
<b>Percent of Floorspace Heated</b>									
Not Heated .....	663	598	140	374	83	66	Q	Q	46
1 to 50 .....	523	478	221	245	Q	45	Q	Q	31
51 to 99 .....	498	421	194	218	Q	77	5	13	59
100 .....	2,962	2,515	1,285	1,192	37	447	32	126	289
<b>Percent of Floorspace Cooled</b>									
Not Cooled .....	1,020	899	284	513	102	121	Q	26	85
1 to 50 .....	985	865	456	394	Q	120	Q	38	72
51 to 99 .....	629	534	274	257	Q	95	6	17	72
100 .....	2,011	1,713	826	866	Q	299	20	84	195
<b>Percent Lit When Open</b>									
Zero .....	47	45	Q	Q	N	Q	N	Q	Q
1 to 50 .....	929	831	453	378	N	98	Q	26	64
51 to 99 .....	1,108	939	477	463	N	168	17	36	115
100 .....	2,176	1,839	863	977	N	337	21	98	218
Building Never Open/ Electricity Not Used .....	386	356	38	177	141	30	Q	Q	Q
<b>Percent Lit When Closed</b>									
Zero .....	1,964	1,660	805	796	58	304	Q	83	200
1 to 50 .....	1,882	1,633	806	807	20	249	20	67	162
51 to 100 .....	136	122	55	63	Q	15	Q	Q	Q
Building Never Closed/ Electricity Not Used .....	664	596	174	362	60	67	4	12	51
<b>Heating Equipment (more than one may apply)</b>									
Heat Pumps .....	476	401	226	170	Q	74	2	22	50
Packaged Heat Pumps .....	278	239	132	101	Q	39	Q	Q	26
Split-System Heat Pumps .....	166	152	91	61	N	14	Q	Q	Q
Individual Room Heat Pumps .....	58	32	14	18	N	25	Q	Q	23
Furnaces .....	1,864	1,664	863	772	Q	200	Q	48	144
Individual Space Heaters .....	819	700	329	358	Q	119	12	19	88
District Heat .....	65	23	16	7	Q	42	4	26	11
Boilers .....	579	448	254	191	Q	131	14	31	87
Packaged Heating Units .....	953	813	375	426	Q	140	6	27	107
Other .....	205	182	85	93	Q	23	Q	Q	15

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**Table B17. Occupancy of Nongovernment-Owned and Government-Owned Buildings, Number of Buildings for Non-Mall Buildings, 2003**

	Number of Buildings (thousand)								
	All Buildings*	Nongovernment-Owned Buildings				Government-Owned Buildings			
		Nongovernment-Owned Buildings	Owner Occupied	Nonowner Occupied	Unoccupied	Government-Owned Buildings	Federal	State	Local
<b>All Buildings*</b> .....	4,645	4,011	1,841	2,029	141	635	46	164	425
<b>Cooling Equipment (more than one may apply)</b>									
Residential-Type Central Air Conditioners .....	1,006	915	463	444	Q	92	2	19	71
Heat Pumps .....	492	413	228	177	Q	79	Q	22	52
Packaged Heat Pumps .....	288	247	133	106	Q	41	Q	Q	25
Split-System Heat Pumps .....	174	157	93	64	N	17	Q	Q	Q
Individual Room Heat Pumps .....	58	33	14	19	N	25	Q	Q	23
Individual Air Conditioners .....	742	607	299	298	Q	135	Q	38	87
District Chilled Water .....	33	13	9	4	Q	19	0	12	7
Central Chillers .....	111	51	27	23	Q	60	4	21	35
Packaged Air Conditioning Units .....	1,613	1,403	689	702	Q	210	14	42	154
Swamp Coolers .....	122	98	51	47	Q	24	Q	Q	Q
Other .....	40	33	17	16	N	Q	Q	Q	Q
<b>Main Equipment Replaced Since 1990 (more than one may apply)</b>									
Heating .....	1,197	1,047	537	487	Q	150	7	42	101
Cooling .....	1,356	1,187	617	557	Q	170	15	44	111
<b>Water Heating Equipment</b>									
Centralized System .....	2,513	2,182	1,110	1,043	Q	331	27	80	224
Distributed System .....	785	681	325	352	Q	104	Q	28	72
Combination of Centralized and Distributed System .....	175	131	72	59	Q	43	2	11	31
<b>Lighting Equipment Types (more than one may apply)</b>									
Incandescent .....	2,184	1,913	973	928	Q	271	20	64	187
Standard Fluorescent .....	3,943	3,369	1,680	1,673	16	575	43	156	376
Compact Fluorescent .....	941	785	399	385	Q	156	11	49	97
High Intensity Discharge .....	455	348	177	166	Q	107	9	31	67
Halogen .....	565	503	251	247	Q	62	6	15	41
Other .....	8	Q	Q	Q	N	Q	N	Q	Q
<b>Refrigeration Equipment (more than one may apply)<sup>a</sup></b>									
Any Refrigeration.....	3,176	2,763	1,403	1,342	Q	413	23	110	280
Commercial Refrigeration .....	1,007	872	383	486	Q	135	Q	19	111
Walk-In Units .....	666	576	230	345	Q	90	2	12	75
Cases or Cabinets .....	825	729	317	410	Q	95	Q	15	77
Residential-Type Units .....	2,370	2,049	1,108	927	Q	321	19	85	216
Vending Machines .....	996	779	392	385	Q	217	15	62	140
No Refrigeration .....	1,469	1,248	437	687	123	221	Q	55	144



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**Table B17. Occupancy of Nongovernment-Owned and Government-Owned Buildings, Number of Buildings for Non-Mall Buildings, 2003**

	Number of Buildings (thousand)								
	All Buildings*	Nongovernment-Owned Buildings				Government-Owned Buildings			
		Nongovernment-Owned Buildings	Owner Occupied	Nonowner Occupied	Unoccupied	Government-Owned Buildings	Federal	State	Local
<b>All Buildings*</b> .....	4,645	4,011	1,841	2,029	141	635	46	164	425
<b>Office Equipment (more than one may apply)</b>									
Computers .....	3,081	2,576	1,350	1,218	Q	505	28	144	333
With Flat Screen Monitors .....	877	717	381	336	N	159	12	52	95
Dedicated Servers .....	1,175	967	516	450	Q	208	16	46	146
Laser Printers .....	1,970	1,642	892	745	Q	328	13	84	232
Inkjet Printers .....	1,420	1,190	605	582	Q	230	19	67	144
FAX Machines .....	2,715	2,373	1,210	1,154	Q	341	20	98	224
Photocopiers .....	1,939	1,638	949	682	Q	301	20	88	193
<b>Number of Computers</b>									
None .....	1,565	1,435	491	811	133	130	Q	Q	92
1 to 4 .....	1,670	1,491	748	735	Q	179	Q	54	120
5 to 9 .....	559	491	268	223	N	68	Q	19	38
10 to 19 .....	370	297	176	121	Q	73	Q	Q	47
20 to 49 .....	255	181	104	76	N	74	Q	23	49
50 to 99 .....	110	60	30	31	N	50	Q	13	36
100 to 249 .....	79	35	15	20	N	44	Q	10	33
250 or More .....	38	21	9	11	N	17	1	6	10
<b>Number of Dedicated Servers</b>									
None .....	3,471	3,044	1,325	1,579	141	426	29	118	279
1 to 4 .....	1,060	878	468	409	Q	182	13	36	133
5 to 9 .....	58	45	26	18	N	13	Q	Q	9
10 to 19 .....	30	23	11	12	N	7	1	4	Q
20 to 49 .....	17	12	4	8	N	5	Q	Q	Q
50 or More .....	10	9	6	3	N	1	Q	Q	Q
<b>Number of Photocopiers</b>									
None .....	2,706	2,373	891	1,347	134	334	25	77	232
One .....	1,250	1,109	641	460	Q	142	Q	51	79
2 to 4 .....	549	432	253	179	N	117	Q	26	85
5 to 9 .....	85	57	35	22	N	28	Q	8	19
10 or More .....	54	40	20	21	N	14	1	3	10
<b>Energy-Related Space Functions (more than one may apply)</b>									
Commercial Food Preparation .....	799	668	319	348	Q	131	Q	18	109
Activities with Large Amounts of Hot Water .....	567	452	211	239	Q	115	Q	31	80
Separate Computer Area .....	553	353	186	167	Q	200	8	47	146
<b>HVAC Conservation Features (more than one may apply)</b>									
Variable Air-Volume System .....	466	351	185	164	Q	115	3	35	77
Economizer Cycle .....	508	366	187	175	Q	143	6	46	91
HVAC Maintenance .....	2,581	2,119	1,084	1,018	16	462	32	129	302
Energy Management and Control System (EMCS) .....	252	124	64	57	Q	128	4	31	94

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**Table B17. Occupancy of Nongovernment-Owned and Government-Owned Buildings, Number of Buildings for Non-Mall Buildings, 2003**

	Number of Buildings (thousand)								
	All Buildings*	Nongovernment-Owned Buildings				Government-Owned Buildings			
		Nongovernment-Owned Buildings	Owner Occupied	Nonowner Occupied	Unoccupied	Government-Owned Buildings	Federal	State	Local
<b>All Buildings*</b> .....	4,645	4,011	1,841	2,029	141	635	46	164	425
<b>Window and Interior Lighting Features (more than one may apply)</b>									
Multipaned Windows .....	2,201	1,874	993	845	35	327	20	83	224
Tinted Window Glass .....	1,323	1,120	556	543	20	204	13	56	135
Reflective Window Glass .....	308	277	132	140	Q	31	Q	8	19
External Overhangs or Awnings .....	1,233	1,101	540	537	Q	132	10	26	96
Skylights or Atriums .....	331	276	143	128	Q	54	4	15	35
Daylighting Sensors .....	74	62	33	27	Q	12	Q	Q	8
Specular Reflectors .....	928	752	389	358	Q	175	15	45	115
Electronic Ballasts .....	2,577	2,149	1,052	1,090	Q	428	25	111	292
Energy Management and Control System (EMCS) for Lighting .....	60	39	18	21	N	21	Q	Q	17
<b>Equipment Usage Reduced When Building Not In Full Use (more than one may apply)<sup>a</sup></b>									
Heating .....	2,878	2,463	1,280	1,143	40	415	24	104	287
Cooling .....	2,761	2,361	1,225	1,109	Q	401	28	104	269
Lighting .....	3,685	3,153	1,590	1,563	N	533	40	146	346
Office Equipment .....	1504	1230	687	539	Q	273	10	76	187

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.

<sup>a</sup> 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.

**Table B18. Occupancy of Nongovernment-Owned and Government-Owned Buildings, Floorspace for Non-Mall Buildings, 2003**

	Total Floorspace (million square feet)								
	All Buildings*	Nongovernment-Owned Buildings				Government-Owned Buildings			
		Nongovernment-Owned Buildings	Owner Occupied	Nonowner Occupied	Unoccupied	Government-Owned Buildings	Federal	State	Local
<b>All Buildings*</b> .....	64,783	49,421	23,591	23,914	1,916	15,363	1,956	3,808	9,599
<b>Building Floorspace (Square Feet)</b>									
1,001 to 5,000 .....	6,789	6,043	2,682	3,162	199	746	Q	206	498
5,001 to 10,000 .....	6,585	5,827	2,858	2,791	Q	758	Q	Q	620
10,001 to 25,000 .....	11,535	9,738	5,028	4,530	Q	1,797	Q	604	1,044
25,001 to 50,000 .....	8,668	6,659	3,197	3,141	Q	2,009	Q	531	1,327
50,001 to 100,000 .....	9,057	5,779	2,464	2,951	Q	3,278	Q	620	2,557
100,001 to 200,000 .....	9,064	5,958	2,919	2,714	Q	3,106	Q	1,142	1,644
200,001 to 500,000 .....	7,176	4,803	2,048	2,408	Q	2,373	545	408	1,420
Over 500,000 .....	5,908	4,613	2,396	2,217	N	1,295	606	Q	Q
<b>Principal Building Activity</b>									
Education .....	9,874	2,070	1,232	839	N	7,804	Q	1,671	6,067
Food Sales .....	1,255	1,243	541	702	N	Q	N	Q	Q
Food Service .....	1,654	1,547	489	1,058	N	Q	N	Q	Q
Health Care .....	3,163	2,662	1,611	1,051	N	501	121	Q	168
Inpatient .....	1,905	1,557	911	646	N	348	Q	Q	Q
Outpatient .....	1,258	1,105	700	405	N	Q	Q	Q	Q
Lodging .....	5,096	4,734	1,624	3,110	N	363	Q	Q	Q
Retail (Other Than Mall).....	4,317	4,312	2,020	2,292	N	Q	Q	N	N
Office .....	12,208	10,515	5,571	4,944	N	1,693	482	531	680
Public Assembly .....	3,939	2,189	1,204	984	N	1,751	Q	726	977
Public Order and Safety .....	1,090	Q	Q	Q	N	967	Q	Q	853
Religious Worship .....	3,754	3,754	2,804	950	N	N	N	N	N
Service .....	4,050	3,018	1,680	1,338	N	1,032	533	Q	293
Warehouse and Storage .....	10,078	9,371	3,736	5,635	N	Q	Q	Q	Q
Other .....	1,738	1,574	774	800	N	164	Q	Q	Q
Vacant .....	2,567	2,310	Q	Q	1,916	Q	Q	Q	Q
<b>Year Constructed</b>									
Before 1920 .....	3,769	3,119	1,716	1,357	Q	650	Q	Q	440
1920 to 1945 .....	6,871	4,879	2,883	1,597	Q	1,992	Q	282	1,020
1946 to 1959 .....	7,045	4,994	2,514	2,252	Q	2,050	Q	377	1,551
1960 to 1969 .....	8,101	5,660	2,917	2,452	Q	2,441	333	819	1,289
1970 to 1979 .....	10,772	8,167	3,410	4,315	Q	2,605	Q	738	1,572
1980 to 1989 .....	10,332	8,564	4,095	4,336	Q	1,768	Q	566	1,094
1990 to 1999 .....	12,360	9,529	4,039	5,289	Q	2,830	Q	713	1,758
2000 to 2003 .....	5,533	4,508	2,016	2,315	Q	1,025	Q	Q	874
<b>Census Region</b>									
Northeast .....	12,905	10,389	5,904	4,204	Q	2,517	Q	599	1,706
Midwest .....	17,080	12,470	6,171	5,539	760	4,610	Q	764	2,925
South .....	23,489	17,826	7,869	9,358	600	5,662	521	1,718	3,423
West .....	11,310	8,736	3,648	4,813	Q	2,574	Q	727	1,545
<b>Climate Zone: 30-Year Average</b>									
Under 2,000 CDD and --									
More than 7,000 HDD .....	10,622	8,063	3,894	3,972	Q	2,558	167	696	1,695
5,500-7,000 HDD .....	17,335	12,350	6,510	5,030	810	4,985	1,135	709	3,141
4,000-5,499 HDD .....	11,504	9,204	4,791	4,244	Q	2,300	Q	692	1,182
Fewer than 4,000 HDD .....	15,739	12,409	5,496	6,439	473	3,330	144	1,247	1,939
2,000 CDD or More and --									
Fewer than 4,000 HDD .....	9,584	7,396	2,899	4,228	Q	2,189	Q	Q	1,642

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**Table B18. Occupancy of Nongovernment-Owned and Government-Owned Buildings, Floorspace for Non-Mall Buildings, 2003**

	Total Floorspace (million square feet)								
	All Buildings*	Nongovernment-Owned Buildings				Government-Owned Buildings			
		Nongovernment-Owned Buildings	Owner Occupied	Nonowner Occupied	Unoccupied	Government-Owned Buildings	Federal	State	Local
<b>All Buildings*</b> .....	64,783	49,421	23,591	23,914	1,916	15,363	1,956	3,808	9,599
<b>Number of Floors</b>									
One .....	25,981	20,203	8,613	10,719	870	5,779	902	917	3,959
Two .....	16,270	12,450	5,914	5,901	636	3,819	Q	842	2,834
Three .....	7,501	5,694	3,061	2,402	Q	1,807	Q	349	1,332
Four to Nine .....	10,085	6,678	3,822	2,677	Q	3,406	650	1,531	1,226
Ten or More .....	4,947	4,396	2,181	2,215	N	551	136	Q	Q
<b>Elevators and Escalators (more than one may apply)</b>									
Any Elevators .....	24,617	17,048	8,806	7,777	Q	7,569	1,012	2,382	4,174
Number of Elevators									
One .....	8,221	4,926	2,507	2,181	Q	3,295	Q	774	2,292
Two to Five .....	10,129	7,177	3,670	3,307	Q	2,952	186	1,346	1,420
Six or More .....	6,268	4,945	2,629	2,289	Q	1,323	598	263	462
Any Escalators .....	2,350	1,839	1,001	832	Q	511	Q	Q	Q
<b>Number of Workers (main shift)</b>									
Fewer than 5 .....	15,492	13,316	5,546	5,854	1,916	2,176	Q	456	1,128
5 to 9 .....	6,166	5,386	2,802	2,585	N	780	Q	Q	495
10 to 19 .....	7,803	6,790	3,668	3,123	N	1,013	Q	277	678
20 to 49 .....	10,989	7,940	3,499	4,441	N	3,049	Q	916	2,022
50 to 99 .....	7,934	4,556	2,138	2,417	N	3,378	Q	803	2,340
100 to 249 .....	6,871	4,139	2,262	1,877	N	2,732	Q	681	1,956
250 or More .....	9,528	7,293	3,677	3,617	N	2,235	761	493	981
<b>Weekly Operating Hours</b>									
Fewer than 40 .....	6,863	5,716	2,009	1,791	1,916	1,147	Q	Q	903
40 to 48 .....	11,622	7,898	4,166	3,732	N	3,724	Q	667	2,980
49 to 60 .....	15,723	11,414	5,978	5,435	N	4,310	Q	763	2,613
61 to 84 .....	10,334	7,997	3,722	4,275	N	2,337	208	760	1,369
85 to 167 .....	7,092	5,305	2,582	2,724	N	1,786	Q	883	830
Open Continuously .....	13,149	11,090	5,134	5,956	N	2,059	601	555	903
<b>Vacancy Status</b>									
Completely Vacant .....	2,161	1,916	N	N	1,916	Q	Q	Q	Q
Mostly Vacant .....	406	394	Q	Q	N	Q	N	N	Q
Partially Vacant .....	12,382	10,331	4,935	5,395	N	2,051	352	297	1,403
Not At All Vacant .....	49,834	36,780	18,429	18,350	N	13,054	1,560	3,478	8,016
<b>Number of Establishments</b>									
One .....	45,144	32,808	15,690	17,118	N	12,336	1,683	2,633	8,020
2 to 5 .....	10,960	8,830	4,948	3,882	N	2,130	Q	866	1,177
6 to 10 .....	1,958	1,539	519	1,020	N	419	Q	Q	Q
11 to 20 .....	1,951	1,791	1,149	642	N	Q	Q	Q	Q
More than 20 .....	2,609	2,536	1,285	1,251	N	Q	Q	Q	Q
Currently Unoccupied .....	2,161	1,916	N	N	1,916	Q	Q	Q	Q

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**Table B18. Occupancy of Nongovernment-Owned and Government-Owned Buildings, Floorspace for Non-Mall Buildings, 2003**

	Total Floorspace (million square feet)								
	All Buildings*	Nongovernment-Owned Buildings				Government-Owned Buildings			
		Nongovernment-Owned Buildings	Owner Occupied	Nonowner Occupied	Unoccupied	Government-Owned Buildings	Federal	State	Local
<b>All Buildings*</b> .....	64,783	49,421	23,591	23,914	1,916	15,363	1,956	3,808	9,599
<b>Multibuilding Facility</b>									
Not Part of a Multibuilding									
Facility .....	40,048	33,774	15,943	16,453	1,378	6,275	716	780	4,779
College or University .....	3,480	1,224	905	318	N	2,256	N	2,169	Q
Primary or Secondary School .....	3,947	373	Q	243	N	3,574	Q	259	3,132
Office Complex .....	2,712	2,606	1,034	1,350	Q	Q	Q	Q	Q
Retail Complex .....	1,238	1,229	548	665	Q	Q	N	Q	N
Religious Campus or Complex .....	2,347	2,347	1,690	624	Q	N	N	N	N
Health Care Complex .....	2,303	1,820	1,096	725	N	483	Q	227	153
Lodging or Resort Complex .....	912	871	156	708	Q	Q	Q	N	Q
Government Complex .....	2,014	Q	N	Q	N	1,977	Q	Q	928
Other .....	5,783	5,140	2,088	2,792	Q	642	Q	Q	446
<b>Predominant Exterior Wall Material</b>									
Brick, Stone or Stucco .....	32,817	22,216	11,555	9,903	758	10,601	1,364	2,631	6,605
Concrete (Block or Poured) .....	10,832	8,760	3,947	4,341	472	2,073	215	396	1,461
Concrete Panels .....	6,559	5,559	2,048	3,105	Q	1,000	Q	414	369
Siding or Shingles .....	4,120	3,587	1,772	1,738	Q	532	Q	Q	396
Metal Panels .....	7,912	7,291	3,318	3,874	Q	621	Q	Q	384
Window Glass .....	1,024	858	363	400	Q	Q	Q	Q	Q
Other .....	1,113	909	499	404	Q	Q	Q	Q	Q
No One Major Type .....	406	Q	Q	Q	Q	Q	N	Q	Q
<b>Predominant Roof Material</b>									
Built-Up .....	21,170	14,966	6,276	7,639	1,051	6,205	522	1,610	4,073
Shingles (Not Wood) .....	10,195	8,595	4,557	3,787	Q	1,599	Q	329	1,141
Metal Surfacing .....	11,944	10,315	4,947	5,148	Q	1,629	Q	265	1,269
Synthetic or Rubber .....	14,730	10,271	4,967	4,958	Q	4,458	592	1,254	2,612
Slate or Tile .....	2,462	1,994	1,029	928	Q	468	Q	Q	Q
Wooden Materials .....	887	720	294	421	Q	Q	Q	Q	Q
Concrete .....	2,231	1,578	825	753	N	Q	Q	Q	Q
Other .....	598	514	Q	Q	Q	Q	Q	Q	Q
No One Major Type .....	565	467	Q	Q	N	Q	Q	N	Q
<b>Renovations in Buildings Constructed Before 1980 (more than one may apply)</b>									
Any Type of Renovation									
Since 1980 .....	17,844	12,881	6,930	5,531	Q	4,963	464	1,071	3,428
Addition or Annex .....	6,551	4,589	2,573	1,905	Q	1,962	Q	411	1,430
Reduction In Floorspace .....	1,012	829	423	Q	N	Q	Q	Q	Q
Cosmetic Improvements .....	13,119	9,663	5,136	4,325	Q	3,456	180	787	2,489
Wall or Roof Replacement .....	8,070	5,614	2,953	2,629	Q	2,457	294	458	1,705
Interior Wall									
Re-Configuration .....	8,518	6,238	3,436	2,745	Q	2,280	Q	584	1,472
HVAC Equipment Upgrade .....	10,768	7,265	4,236	3,027	Q	3,503	305	724	2,474
Lighting Upgrade .....	10,275	6,981	3,872	3,077	Q	3,294	268	750	2,275
Window Replacement .....	6,354	4,526	2,644	1,753	Q	1,828	Q	318	1,419
Plumbing System Upgrade .....	7,144	4,943	2,766	2,142	Q	2,201	Q	503	1,499
Insulation Upgrade .....	4,015	2,776	1,867	876	Q	1,238	Q	Q	865
Other Renovation .....	523	427	253	Q	N	Q	Q	Q	Q
No Renovations Since 1980 .....	18,714	13,938	6,511	6,442	985	4,776	1,008	1,324	2,444
Building Newer than 1980 .....	28,225	22,601	10,150	11,940	511	5,624	484	1,413	3,726

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**Table B18. Occupancy of Nongovernment-Owned and Government-Owned Buildings, Floorspace for Non-Mall Buildings, 2003**

	Total Floorspace (million square feet)								
	All Buildings*	Nongovernment-Owned Buildings				Government-Owned Buildings			
		Nongovernment-Owned Buildings	Owner Occupied	Nonowner Occupied	Unoccupied	Government-Owned Buildings	Federal	State	Local
<b>All Buildings*</b> .....	64,783	49,421	23,591	23,914	1,916	15,363	1,956	3,808	9,599
<b>Energy Sources (more than one may apply)</b>									
Electricity .....	63,307	48,012	23,454	23,258	1,299	15,295	1,951	3,786	9,558
Natural Gas .....	43,468	33,317	16,548	15,886	883	10,150	1,083	2,438	6,630
Fuel Oil .....	15,157	11,374	6,092	5,215	Q	3,783	381	962	2,441
District Heat .....	5,443	2,148	1,421	698	Q	3,295	Q	1,694	653
District Chilled Water .....	2,853	1,069	711	323	Q	1,785	247	1,051	487
Propane .....	7,076	5,280	2,481	2,639	Q	1,796	Q	Q	1,030
Other .....	1,401	1,033	611	396	Q	368	Q	Q	Q
<b>Space-Heating Energy Sources (more than one may apply)</b>									
Electricity .....	28,600	23,040	10,959	11,681	400	5,560	588	716	4,257
Natural Gas .....	36,959	28,612	14,264	13,526	821	8,347	782	1,814	5,751
Fuel Oil .....	5,988	4,378	2,595	1,784	N	1,609	Q	328	1,167
District Heat .....	5,198	1,984	1,363	591	Q	3,214	Q	1,631	639
Propane .....	3,204	2,554	1,556	951	Q	649	Q	Q	440
Other .....	842	718	451	241	Q	Q	Q	Q	Q
<b>Primary Space-Heating Energy Source</b>									
Electricity .....	15,996	13,204	5,410	7,618	Q	2,793	Q	276	2,444
Natural Gas .....	32,970	25,322	12,902	11,605	815	7,647	777	1,521	5,350
Fuel Oil .....	3,818	2,805	1,764	1,041	N	1,013	Q	Q	685
District Heat .....	4,907	1,860	1,314	517	Q	3,047	Q	1,589	519
Propane .....	1,955	1,538	747	743	Q	417	Q	Q	301
Other .....	382	335	228	Q	N	Q	N	N	Q
<b>Cooling Energy Sources (more than one may apply)</b>									
Electricity .....	54,321	42,323	20,954	20,829	540	11,998	1,163	2,553	8,282
Natural Gas .....	1,018	678	444	234	N	Q	Q	Q	Q
District Chilled Water .....	2,853	1,069	711	323	Q	1,785	247	1,051	487
<b>Water-Heating Energy Sources (more than one may apply)</b>									
Electricity .....	27,490	22,196	11,450	10,431	Q	5,294	465	1,015	3,814
Natural Gas .....	28,820	21,116	10,036	10,611	Q	7,705	786	1,742	5,177
Fuel Oil .....	1,880	1,201	880	321	N	679	Q	Q	445
District Heat .....	3,088	1,495	994	501	N	1,592	Q	1,074	Q
Propane .....	1,422	965	453	511	N	458	Q	Q	360
<b>Cooking Energy Sources (more than one may apply)</b>									
Electricity .....	13,161	8,072	4,183	3,884	Q	5,089	Q	622	4,166
Natural Gas .....	15,438	10,740	5,319	5,381	Q	4,698	502	652	3,544
Propane .....	1,460	926	472	453	Q	534	Q	Q	431

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**Table B18. Occupancy of Nongovernment-Owned and Government-Owned Buildings, Floorspace for Non-Mall Buildings, 2003**

	Total Floorspace (million square feet)								
	All Buildings*	Nongovernment-Owned Buildings				Government-Owned Buildings			
		Nongovernment-Owned Buildings	Owner Occupied	Nonowner Occupied	Unoccupied	Government-Owned Buildings	Federal	State	Local
<b>All Buildings*</b> .....	64,783	49,421	23,591	23,914	1,916	15,363	1,956	3,808	9,599
<b>Energy End Uses (more than one may apply)</b>									
Buildings with Space Heating .....	60,028	45,064	22,364	21,630	1,069	14,964	1,908	3,710	9,346
Buildings with Cooling .....	56,940	43,341	21,640	21,160	540	13,599	1,357	3,542	8,701
Buildings with Water Heating .....	56,478	42,588	21,511	20,404	673	13,890	1,407	3,626	8,857
Buildings with Cooking .....	22,237	14,480	7,694	6,740	Q	7,757	674	976	6,107
Buildings with Manufacturing .....	3,138	3,010	1,591	1,419	N	Q	Q	Q	Q
Buildings with Electricity Generation .....	12,821	8,748	4,441	4,219	Q	4,073	459	1,172	2,442
<b>Percent of Floorspace Heated</b>									
Not Heated .....	4,756	4,357	1,227	2,283	847	399	Q	Q	253
1 to 50 .....	6,850	6,466	3,006	3,240	Q	384	Q	Q	273
51 to 99 .....	8,107	6,023	3,132	2,838	Q	2,083	288	344	1,452
100 .....	45,071	32,575	16,226	15,553	795	12,497	1,603	3,273	7,621
<b>Percent of Floorspace Cooled</b>									
Not Cooled .....	7,843	6,080	1,951	2,753	1,376	1,763	Q	266	898
1 to 50 .....	16,598	13,595	6,911	6,386	Q	3,003	Q	645	2,124
51 to 99 .....	13,211	9,742	4,982	4,734	Q	3,468	484	738	2,247
100 .....	27,132	20,004	9,748	10,040	Q	7,128	639	2,159	4,330
<b>Percent Lit When Open</b>									
Zero .....	293	271	Q	Q	N	Q	N	Q	Q
1 to 50 .....	10,203	9,154	5,113	4,041	N	1,049	Q	352	617
51 to 99 .....	18,288	12,832	6,655	6,178	N	5,456	591	1,468	3,397
100 .....	32,789	24,275	11,545	12,729	N	8,514	1,239	1,944	5,331
Building Never Open/ Electricity Not Used .....	3,210	2,888	200	772	1,916	321	Q	Q	Q
<b>Percent Lit When Closed</b>									
Zero .....	17,385	13,423	6,600	6,138	685	3,962	Q	813	2,595
1 to 50 .....	30,948	22,166	10,993	10,562	611	8,782	646	2,326	5,809
51 to 100 .....	2,093	1,601	754	844	Q	492	Q	Q	Q
Building Never Closed/ Electricity Not Used .....	14,357	12,231	5,244	6,370	617	2,126	606	577	944
<b>Heating Equipment (more than one may apply)</b>									
Heat Pumps .....	8,814	6,502	3,362	3,117	Q	2,312	Q	216	1,764
Packaged Heat Pumps .....	5,442	4,032	2,199	1,810	Q	1,410	Q	Q	1,008
Split-System Heat Pumps .....	2,581	2,002	1,017	985	N	579	Q	Q	Q
Individual Room Heat Pumps .....	2,691	1,698	776	922	N	993	Q	Q	948
Furnaces .....	19,615	16,722	8,468	7,808	Q	2,893	Q	530	2,250
Individual Space Heaters .....	12,545	9,880	5,128	4,575	Q	2,665	406	364	1,896
District Heat .....	5,166	1,980	1,363	587	Q	3,186	Q	1,603	639
Boilers .....	20,423	13,422	7,033	6,172	Q	7,001	756	1,444	4,801
Packaged Heating Units .....	18,021	14,279	6,674	7,225	Q	3,742	325	499	2,918
Other .....	3,262	2,836	1,246	1,537	Q	427	Q	Q	297

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**Table B18. Occupancy of Nongovernment-Owned and Government-Owned Buildings, Floorspace for Non-Mall Buildings, 2003**

	Total Floorspace (million square feet)								
	All Buildings*	Nongovernment-Owned Buildings				Government-Owned Buildings			
		Nongovernment-Owned Buildings	Owner Occupied	Nonowner Occupied	Unoccupied	Government-Owned Buildings	Federal	State	Local
<b>All Buildings*</b> .....	64,783	49,421	23,591	23,914	1,916	15,363	1,956	3,808	9,599
<b>Cooling Equipment (more than one may apply)</b>									
Residential-Type Central Air Conditioners .....	11,035	9,150	4,697	4,405	Q	1,885	Q	233	1,322
Heat Pumps .....	9,041	6,709	3,500	3,170	Q	2,332	Q	216	1,743
Packaged Heat Pumps .....	5,426	4,055	2,180	1,836	Q	1,371	Q	Q	922
Split-System Heat Pumps .....	2,606	2,021	998	1,023	N	585	Q	Q	Q
Individual Room Heat Pumps .....	2,940	1,924	951	973	N	1,016	Q	Q	971
Individual Air Conditioners .....	12,558	9,008	4,461	4,419	Q	3,550	253	686	2,612
District Chilled Water .....	2,853	1,069	711	323	Q	1,785	247	1,051	487
Central Chillers .....	11,636	7,055	3,586	3,432	Q	4,581	681	1,258	2,642
Packaged Air Conditioning Units .....	29,969	23,772	11,883	11,561	Q	6,197	606	1,002	4,588
Swamp Coolers .....	1,561	1,153	642	505	Q	407	Q	Q	Q
Other .....	1,232	920	495	425	N	Q	Q	Q	Q
<b>Main Equipment Replaced Since 1990 (more than one may apply)</b>									
Heating .....	16,403	12,856	6,478	6,166	Q	3,547	171	750	2,626
Cooling .....	20,995	16,049	8,043	7,957	Q	4,946	600	974	3,372
<b>Water Heating Equipment</b>									
Centralized System .....	34,671	26,319	13,602	12,176	Q	8,352	737	2,537	5,077
Distributed System .....	11,540	9,328	4,646	4,567	Q	2,212	Q	456	1,504
Combination of Centralized and Distributed System .....	10,267	6,941	3,263	3,661	Q	3,326	417	633	2,276
<b>Lighting Equipment Types (more than one may apply)</b>									
Incandescent .....	38,528	29,422	15,132	13,986	Q	9,106	1,016	2,460	5,630
Standard Fluorescent .....	59,688	44,937	22,532	21,857	548	14,750	1,946	3,743	9,060
Compact Fluorescent .....	27,571	20,019	10,599	9,326	Q	7,552	935	2,274	4,343
High Intensity Discharge .....	20,643	13,866	6,915	6,727	Q	6,777	1,215	1,411	4,152
Halogen .....	17,703	14,281	7,011	7,240	Q	3,422	415	688	2,318
Other .....	269	Q	Q	Q	N	Q	N	Q	Q
<b>Refrigeration Equipment (more than one may apply)<sup>a</sup></b>									
Any Refrigeration.....	52,974	39,741	20,451	18,870	Q	13,233	1,297	3,302	8,633
Commercial Refrigeration .....	26,768	18,344	9,103	9,190	Q	8,424	732	1,324	6,368
Walk-In Units .....	20,254	13,335	6,276	7,009	Q	6,920	689	1,097	5,134
Cases or Cabinets .....	20,424	14,486	7,055	7,389	Q	5,938	528	995	4,415
Residential-Type Units .....	38,884	29,266	15,919	13,060	Q	9,618	1,071	2,256	6,291
Vending Machines .....	35,335	24,400	12,198	12,087	Q	10,935	1,188	2,913	6,834
No Refrigeration .....	11,809	9,680	3,140	5,043	1,497	2,130	Q	506	965



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**Table B18. Occupancy of Nongovernment-Owned and Government-Owned Buildings, Floorspace for Non-Mall Buildings, 2003**

	Total Floorspace (million square feet)								
	All Buildings*	Nongovernment-Owned Buildings				Government-Owned Buildings			
		Nongovernment-Owned Buildings	Owner Occupied	Nonowner Occupied	Unoccupied	Government-Owned Buildings	Federal	State	Local
<b>All Buildings*</b> .....	64,783	49,421	23,591	23,914	1,916	15,363	1,956	3,808	9,599
<b>Office Equipment (more than one may apply)</b>									
Computers .....	55,627	41,299	20,996	20,004	Q	14,329	1,674	3,661	8,994
With Flat Screen Monitors .....	26,417	18,776	10,016	8,760	N	7,641	919	2,395	4,327
Dedicated Servers .....	36,338	25,984	13,472	12,497	Q	10,354	1,207	2,409	6,738
Laser Printers .....	33,012	24,340	12,680	11,429	Q	8,672	616	1,804	6,252
Inkjet Printers .....	32,210	24,321	12,192	12,091	Q	7,889	1,104	2,233	4,552
FAX Machines .....	52,373	39,573	20,042	19,296	Q	12,800	1,273	3,306	8,221
Photocopiers .....	46,257	33,724	17,771	15,878	Q	12,533	1,322	3,242	7,969
<b>Number of Computers</b>									
None .....	9,156	8,122	2,595	3,910	1,617	1,034	Q	Q	604
1 to 4 .....	12,395	10,829	5,187	5,377	Q	1,566	Q	373	855
5 to 9 .....	7,179	6,426	3,509	2,917	N	754	Q	186	349
10 to 19 .....	6,610	5,635	2,785	2,815	Q	975	Q	Q	603
20 to 49 .....	7,414	5,697	2,859	2,838	N	1,718	Q	570	1,059
50 to 99 .....	5,376	3,273	1,694	1,579	N	2,103	Q	524	1,466
100 to 249 .....	6,690	3,040	1,439	1,601	N	3,651	Q	712	2,853
250 or More .....	9,963	6,400	3,522	2,878	N	3,563	724	1,030	1,809
<b>Number of Dedicated Servers</b>									
None .....	28,445	23,437	10,119	11,416	1,902	5,009	Q	1,399	2,861
1 to 4 .....	24,116	17,137	8,776	8,346	Q	6,979	413	1,290	5,277
5 to 9 .....	3,864	2,654	1,448	1,206	N	1,210	Q	Q	794
10 to 19 .....	3,027	1,913	1,011	902	N	1,115	149	500	Q
20 to 49 .....	2,583	1,937	975	962	N	646	Q	Q	Q
50 or More .....	2,748	2,344	1,262	1,081	N	404	Q	Q	Q
<b>Number of Photocopiers</b>									
None .....	18,526	15,697	5,820	8,036	1,841	2,830	Q	566	1,630
One .....	15,475	12,917	6,962	5,881	Q	2,557	Q	752	1,483
2 to 4 .....	15,082	10,222	5,091	5,131	N	4,860	Q	1,199	3,527
5 to 9 .....	5,515	3,124	1,737	1,388	N	2,391	Q	773	1,492
10 or More .....	10,185	7,461	3,982	3,478	N	2,724	739	518	1,467
<b>Energy-Related Space Functions (more than one may apply)</b>									
Commercial Food Preparation .....	22,223	14,478	7,694	6,740	Q	7,746	674	976	6,096
Activities with Large Amounts of Hot Water .....	19,482	12,990	6,200	6,744	Q	6,492	630	1,274	4,589
Separate Computer Area .....	26,873	17,092	8,862	8,196	Q	9,781	996	2,064	6,720
<b>HVAC Conservation Features (more than one may apply)</b>									
Variable Air-Volume System .....	19,597	13,196	6,873	6,088	Q	6,401	569	1,892	3,941
Economizer Cycle .....	21,108	14,155	7,269	6,730	Q	6,953	753	2,093	4,108
HVAC Maintenance .....	51,163	37,125	18,712	17,826	587	14,039	1,868	3,523	8,648
Energy Management and Control System (EMCS) .....	15,630	8,641	4,651	3,844	Q	6,989	524	1,782	4,683

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**Table B18. Occupancy of Nongovernment-Owned and Government-Owned Buildings, Floorspace for Non-Mall Buildings, 2003**

	Total Floorspace (million square feet)								
	All Buildings*	Nongovernment-Owned Buildings				Government-Owned Buildings			
		Nongovernment-Owned Buildings	Owner Occupied	Nonowner Occupied	Unoccupied	Government-Owned Buildings	Federal	State	Local
<b>All Buildings*</b> .....	64,783	49,421	23,591	23,914	1,916	15,363	1,956	3,808	9,599
<b>Window and Interior Lighting Features (more than one may apply)</b>									
Multipaned Windows .....	38,910	29,309	15,206	13,582	522	9,600	846	2,246	6,509
Tinted Window Glass .....	29,887	22,272	10,920	10,517	835	7,615	1,491	1,850	4,274
Reflective Window Glass .....	8,544	6,782	3,174	3,495	Q	1,762	Q	311	1,157
External Overhangs or Awnings .....	17,242	13,668	6,840	6,659	Q	3,574	259	983	2,332
Skylights or Atriums .....	12,546	8,961	4,997	3,900	Q	3,585	394	808	2,383
Daylighting Sensors .....	2,868	2,020	952	1,040	Q	848	Q	Q	534
Specular Reflectors .....	26,118	18,580	9,742	8,568	Q	7,538	1,414	1,730	4,394
Electronic Ballasts .....	46,882	34,000	17,281	16,360	Q	12,882	1,747	3,201	7,933
Energy Management and Control System (EMCS) for Lighting .....	4,781	3,370	1,846	1,524	N	1,411	Q	Q	1,137
<b>Equipment Usage Reduced When Building Not In Full Use (more than one may apply)<sup>a</sup></b>									
Heating .....	42,722	31,594	16,247	14,526	821	11,128	948	2,424	7,756
Cooling .....	43,205	32,135	16,719	15,007	Q	11,070	959	2,599	7,512
Lighting .....	46,987	34,378	17,600	16,778	N	12,609	1,284	3,154	8,172
Office Equipment .....	19,397	13,287	7,170	5,935	Q	6,110	Q	1,141	4,380

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.

<sup>a</sup> 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.

**Table B19. Number of Establishments in Building, Number of Buildings for Non-Mall Buildings, 2003**

	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
<b>All Buildings*</b> .....	4,645	3,754	643	55	23	14	157
<b>Building Floorspace (Square Feet)</b>							
1,001 to 5,000 .....	2,552	2,131	311	Q	Q	N	100
5,001 to 10,000 .....	889	720	136	Q	N	Q	Q
10,001 to 25,000 .....	738	590	104	22	Q	Q	Q
25,001 to 50,000 .....	241	163	50	11	Q	Q	Q
50,001 to 100,000 .....	129	87	25	4	5	Q	Q
100,001 to 200,000 .....	65	43	11	4	Q	Q	Q
200,001 to 500,000 .....	25	15	5	Q	1	2	Q
Over 500,000 .....	7	3	1	Q	Q	1	Q
<b>Principal Building Activity</b>							
Education .....	386	360	21	Q	N	N	N
Food Sales .....	226	203	Q	N	N	Q	N
Food Service .....	297	270	26	Q	N	N	N
Health Care .....	129	91	34	Q	Q	Q	N
Inpatient .....	8	6	1	Q	Q	Q	N
Outpatient .....	121	84	32	Q	Q	Q	N
Lodging .....	142	130	12	Q	N	N	N
Retail (Other Than Mall).....	443	368	68	Q	Q	Q	N
Office .....	824	536	228	37	14	7	N
Public Assembly .....	277	237	35	Q	Q	Q	N
Public Order and Safety .....	71	57	Q	Q	Q	N	N
Religious Worship .....	370	339	31	N	Q	N	N
Service .....	622	561	58	Q	Q	N	N
Warehouse and Storage .....	597	518	74	Q	Q	Q	N
Other .....	79	63	15	Q	N	Q	N
Vacant .....	182	Q	Q	N	N	N	157
<b>Year Constructed</b>							
Before 1920 .....	330	248	61	Q	Q	Q	Q
1920 to 1945 .....	527	402	84	Q	Q	Q	35
1946 to 1959 .....	562	449	78	Q	Q	Q	Q
1960 to 1969 .....	579	479	74	7	Q	Q	Q
1970 to 1979 .....	731	599	92	12	7	3	Q
1980 to 1989 .....	707	545	111	12	4	4	Q
1990 to 1999 .....	876	746	106	Q	Q	Q	Q
2000 to 2003 .....	334	286	37	Q	Q	Q	Q
<b>Census Region</b>							
Northeast .....	726	559	130	12	5	3	Q
Midwest .....	1,266	1,047	157	12	2	Q	47
South .....	1,775	1,444	215	16	9	7	84
West .....	878	704	141	15	7	3	Q
<b>Climate Zone: 30-Year Average</b>							
Under 2,000 CDD and --							
More than 7,000 HDD .....	855	667	147	8	Q	Q	Q
5,500-7,000 HDD .....	1,173	955	167	16	5	Q	28
4,000-5,499 HDD .....	673	554	87	6	4	Q	Q
Fewer than 4,000 HDD .....	1,276	1,060	143	13	4	5	51
2,000 CDD or More and --							
Fewer than 4,000 HDD .....	669	516	99	11	8	2	32

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**Table B19. Number of Establishments in Building, Number of Buildings for Non-Mall Buildings, 2003**

	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
<b>All Buildings*</b> .....	4,645	3,754	643	55	23	14	157
<b>Number of Floors</b>							
One .....	3,136	2,670	333	17	Q	Q	111
Two .....	1,031	757	211	19	Q	Q	33
Three .....	339	244	64	9	5	Q	Q
Four to Nine .....	128	79	31	8	5	2	Q
Ten or More .....	12	3	3	Q	1	3	N
<b>Elevators and Escalators (more than one may apply)</b>							
Any Elevators .....	309	183	74	22	12	8	9
Number of Elevators							
One .....	208	132	52	12	Q	Q	Q
Two to Five .....	88	46	19	9	7	4	Q
Six or More .....	13	4	3	1	1	3	Q
Any Escalators .....	6	3	Q	Q	Q	1	Q
<b>Number of Workers (main shift)</b>							
Fewer than 5 .....	2,653	2,233	252	Q	Q	Q	157
5 to 9 .....	778	627	149	Q	Q	N	N
10 to 19 .....	563	442	110	Q	N	Q	N
20 to 49 .....	398	291	84	17	Q	Q	N
50 to 99 .....	147	100	29	9	6	Q	N
100 to 249 .....	77	47	14	6	6	4	N
250 or More .....	30	13	6	4	2	4	N
<b>Weekly Operating Hours</b>							
Fewer than 40 .....	1,002	774	68	N	Q	Q	157
40 to 48 .....	1,117	868	225	13	Q	Q	N
49 to 60 .....	1,062	836	192	23	8	4	N
61 to 84 .....	591	505	68	12	3	3	N
85 to 167 .....	400	358	39	Q	Q	Q	N
Open Continuously .....	475	413	51	5	3	2	N
<b>Ownership and Occupancy</b>							
Nongovernment Owned .....							
Owner Occupied .....	4,011	3,200	584	50	22	13	141
Nonowner Occupied .....	1,841	1,460	342	23	10	5	N
Unoccupied .....	2,029	1,740	242	27	12	8	N
Government Owned .....							
Federal .....	141	N	N	N	N	N	141
State .....	635	553	59	5	Q	Q	Q
Local .....	46	41	Q	Q	Q	Q	Q
State .....	164	147	13	Q	Q	Q	Q
Local .....	425	366	41	Q	Q	Q	Q
<b>Vacancy Status</b>							
Completely Vacant .....	157	N	N	N	N	N	157
Mostly Vacant .....	25	Q	Q	N	N	N	N
Partially Vacant .....	548	391	107	26	14	10	N
Not At All Vacant .....	3,915	3,344	529	29	9	4	N

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**Table B19. Number of Establishments in Building, Number of Buildings for Non-Mall Buildings, 2003**

	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
<b>All Buildings*</b> .....	4,645	3,754	643	55	23	14	157
<b>Multibuilding Facility</b>							
Not Part of a Multibuilding							
Facility .....	3,169	2,509	489	34	13	11	113
College or University .....	83	67	14	Q	Q	Q	N
Primary or Secondary School .....	254	252	Q	N	N	N	Q
Office Complex .....	111	50	40	14	3	Q	Q
Retail Complex .....	151	134	Q	Q	N	Q	Q
Religious Campus or Complex .....	195	170	Q	Q	Q	N	Q
Health Care Complex .....	39	27	11	Q	Q	Q	Q
Lodging or Resort Complex .....	61	51	Q	Q	N	N	Q
Government Complex .....	87	71	Q	Q	Q	Q	Q
Other .....	496	422	46	Q	Q	Q	Q
<b>Energy Sources (more than one may apply)</b>							
Electricity .....	4,404	3,591	635	55	23	14	85
Natural Gas .....	2,391	1,912	382	39	12	9	37
Fuel Oil .....	451	373	65	6	3	3	Q
District Heat .....	67	45	15	Q	Q	1	Q
District Chilled Water .....	33	22	8	Q	Q	Q	Q
Propane .....	502	433	60	Q	Q	Q	Q
Other .....	132	107	24	Q	N	Q	Q
<b>Energy End Uses (more than one may apply)</b>							
Buildings with Space Heating .....	3,982	3,233	602	53	22	13	60
Buildings with Cooling .....	3,625	2,921	578	52	22	12	40
Buildings with Water Heating .....	3,472	2,779	574	53	21	10	34
Buildings with Cooking .....	801	676	106	Q	5	3	Q
Buildings with Manufacturing .....	119	89	25	Q	Q	Q	N
Buildings with Electricity Generation .....	149	109	28	6	3	3	Q
<b>Heating Equipment (more than one may apply)</b>							
Heat Pumps .....	476	398	57	8	5	2	Q
Packaged Heat Pumps .....	278	228	34	Q	Q	Q	Q
Split-System Heat Pumps .....	166	141	21	Q	Q	Q	N
Individual Room Heat Pumps .....	58	51	4	Q	Q	Q	N
Furnaces .....	1,864	1,483	321	22	Q	Q	Q
Individual Space Heaters .....	819	669	126	7	Q	2	Q
District Heat .....	65	43	15	Q	Q	Q	Q
Boilers .....	579	464	92	8	5	6	Q
Packaged Heating Units .....	953	769	148	14	6	4	Q
Other .....	205	169	27	Q	Q	Q	Q

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**Table B19. Number of Establishments in Building, Number of Buildings for Non-Mall Buildings, 2003**

	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
<b>All Buildings*</b> .....	4,645	3,754	643	55	23	14	157
<b>Cooling Equipment (more than one may apply)</b>							
Residential-Type Central							
Air Conditioners .....	1,006	764	219	13	Q	Q	Q
Heat Pumps .....	492	410	58	8	6	2	Q
Packaged Heat Pumps .....	288	234	34	Q	Q	Q	Q
Split-System Heat Pumps .....	174	148	22	Q	Q	Q	N
Individual Room Heat Pumps .....	58	51	4	Q	Q	Q	N
Individual Air Conditioners .....	742	610	112	7	Q	Q	Q
District Chilled Water .....	33	22	8	Q	Q	Q	Q
Central Chillers .....	111	79	19	6	3	4	Q
Packaged Air Conditioning							
Units .....	1,613	1,318	240	25	10	7	Q
Swamp Coolers .....	122	97	20	Q	Q	Q	Q
Other .....	40	28	Q	Q	Q	Q	N
<b>Main Equipment Replaced Since 1990 (more than one may apply)</b>							
Heating .....	1,197	949	197	16	7	4	Q
Cooling .....	1,356	1,078	236	19	8	4	Q
<b>Office Equipment (more than one may apply)</b>							
Computers .....	3,081	2,443	539	55	23	13	Q
With Flat Screen Monitors .....	877	637	186	29	14	11	Q
Dedicated Servers .....	1,175	880	238	34	14	8	Q
Laser Printers .....	1,970	1,545	370	32	11	8	Q
Inkjet Printers .....	1,420	1,102	254	33	18	10	Q
FAX Machines .....	2,715	2,107	511	55	21	11	Q
Photocopiers .....	1,939	1,463	391	47	21	10	Q
<b>Number of Computers</b>							
None .....	1,565	1,311	104	N	Q	Q	148
1 to 4 .....	1,670	1,402	241	Q	Q	Q	Q
5 to 9 .....	559	439	114	Q	Q	Q	N
10 to 19 .....	370	278	80	Q	Q	Q	Q
20 to 49 .....	255	178	61	12	Q	Q	N
50 to 99 .....	110	69	24	9	5	Q	N
100 to 249 .....	79	55	11	5	5	Q	Q
250 or More .....	38	22	7	3	2	3	N
<b>Number of Dedicated Servers</b>							
None .....	3,471	2,873	405	20	Q	Q	157
1 to 4 .....	1,060	818	212	21	7	Q	Q
5 to 9 .....	58	35	11	8	3	Q	N
10 to 19 .....	30	15	6	4	Q	2	N
20 to 49 .....	17	8	5	Q	Q	3	N
50 or More .....	10	5	Q	Q	Q	1	N
<b>Number of Photocopiers</b>							
None .....	2,706	2,291	252	Q	Q	Q	150
One .....	1,250	1,023	202	Q	Q	Q	Q
2 to 4 .....	549	371	159	13	Q	Q	Q
5 to 9 .....	85	50	17	15	Q	Q	N
10 or More .....	54	18	12	9	9	7	N

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**Table B19. Number of Establishments in Building, Number of Buildings for Non-Mall Buildings, 2003**

	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
<b>All Buildings*</b> .....	4,645	3,754	643	55	23	14	157
<b>Energy-Related Space Functions (more than one may apply)</b>							
Commercial Food Preparation .....	799	676	106	Q	5	3	Q
Activities with Large Amounts of Hot Water .....	567	486	71	5	2	2	Q
Separate Computer Area .....	553	421	103	15	8	6	Q
<b>HVAC Conservation Features (more than one may apply)</b>							
Variable Air-Volume System .....	466	361	73	15	9	5	Q
Economizer Cycle .....	508	396	80	19	6	5	Q
HVAC Maintenance .....	2,581	2,069	420	44	21	9	17
Energy Management and Control System (EMCS) .....	252	197	34	9	4	4	Q
<b>Window and Interior Lighting Features (more than one may apply)</b>							
Multipaned Windows .....	2,201	1,751	354	33	14	8	41
Tinted Window Glass .....	1,323	1,032	227	26	11	6	21
Reflective Window Glass .....	308	252	32	10	Q	3	Q
External Overhangs or Awnings .....	1,233	968	205	20	8	Q	28
Skylights or Atriums .....	331	248	60	9	4	3	Q
Daylighting Sensors .....	74	64	7	Q	Q	Q	Q
Specular Reflectors .....	928	746	139	21	11	6	Q
Electronic Ballasts .....	2,577	2,113	390	36	16	14	Q
Energy Management and Control System (EMCS) for Lighting .....	60	49	6	Q	1	2	N
<b>Equipment Usage Reduced When Building Not In Full Use (more than one may apply)<sup>a</sup></b>							
Heating .....	2,878	2,328	447	39	12	11	42
Cooling .....	2,761	2,199	471	40	13	11	27
Lighting .....	3,685	3,041	566	47	20	11	N
Office Equipment .....	1,504	1,225	246	20	5	Q	Q

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.

<sup>a</sup> 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.

**Table B20. Number of Establishments in Building, Floorspace for Non-Mall Buildings, 2003**

	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
<b>All Buildings*</b> .....	64,783	45,144	10,960	1,958	1,951	2,609	2,161
<b>Building Floorspace (Square Feet)</b>							
1,001 to 5,000 .....	6,789	5,613	916	Q	Q	N	223
5,001 to 10,000 .....	6,585	5,304	1,031	Q	N	Q	Q
10,001 to 25,000 .....	11,535	9,098	1,732	383	Q	Q	Q
25,001 to 50,000 .....	8,668	5,807	1,837	355	Q	Q	Q
50,001 to 100,000 .....	9,057	6,218	1,739	273	337	Q	Q
100,001 to 200,000 .....	9,064	6,102	1,545	539	Q	Q	Q
200,001 to 500,000 .....	7,176	4,246	1,361	Q	389	531	Q
Over 500,000 .....	5,908	2,756	800	Q	Q	1,522	Q
<b>Principal Building Activity</b>							
Education .....	9,874	8,714	946	Q	N	N	N
Food Sales .....	1,255	1,057	Q	N	N	Q	N
Food Service .....	1,654	1,375	246	Q	N	N	N
Health Care .....	3,163	2,004	735	Q	Q	Q	N
Inpatient .....	1,905	1,328	361	Q	Q	Q	N
Outpatient .....	1,258	676	374	Q	Q	Q	N
Lodging .....	5,096	4,234	783	Q	N	N	N
Retail (Other Than Mall).....	4,317	3,410	630	Q	Q	Q	N
Office .....	12,208	4,894	2,709	1,144	1,332	2,129	N
Public Assembly .....	3,939	3,110	677	Q	Q	Q	N
Public Order and Safety .....	1,090	643	Q	Q	Q	N	N
Religious Worship .....	3,754	3,272	479	N	Q	N	N
Service .....	4,050	3,509	465	Q	Q	N	N
Warehouse and Storage .....	10,078	7,560	2,034	Q	Q	Q	N
Other .....	1,738	1,188	495	Q	N	Q	N
Vacant .....	2,567	Q	Q	N	N	N	2,161
<b>Year Constructed</b>							
Before 1920 .....	3,769	2,460	788	Q	Q	Q	Q
1920 to 1945 .....	6,871	4,557	997	Q	Q	Q	465
1946 to 1959 .....	7,045	5,229	1,145	Q	Q	Q	Q
1960 to 1969 .....	8,101	5,582	1,476	306	Q	Q	Q
1970 to 1979 .....	10,772	7,604	1,552	297	277	600	Q
1980 to 1989 .....	10,332	6,287	2,142	387	491	882	Q
1990 to 1999 .....	12,360	9,151	2,080	Q	Q	Q	Q
2000 to 2003 .....	5,533	4,273	780	Q	Q	Q	Q
<b>Census Region</b>							
Northeast .....	12,905	8,061	2,517	571	722	696	Q
Midwest .....	17,080	12,359	2,803	510	301	Q	892
South .....	23,489	16,947	3,740	550	589	1,011	652
West .....	11,310	7,776	1,900	327	340	688	Q
<b>Climate Zone: 30-Year Average</b>							
Under 2,000 CDD and --							
More than 7,000 HDD .....	10,622	7,138	2,271	401	Q	Q	Q
5,500-7,000 HDD .....	17,335	12,514	2,774	540	409	Q	821
4,000-5,499 HDD .....	11,504	7,713	1,887	341	533	812	Q
Fewer than 4,000 HDD .....	15,739	11,616	2,422	226	387	598	491
2,000 CDD or More and --							
Fewer than 4,000 HDD .....	9,584	6,163	1,606	450	304	760	303



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**Table B20. Number of Establishments in Building, Floorspace for Non-Mall Buildings, 2003**

	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
<b>All Buildings*</b> .....	64,783	45,144	10,960	1,958	1,951	2,609	2,161
<b>Number of Floors</b>							
One .....	25,981	20,956	3,717	265	Q	Q	889
Two .....	16,270	11,910	2,858	527	Q	Q	652
Three .....	7,501	5,084	1,279	259	481	Q	Q
Four to Nine .....	10,085	5,860	2,335	697	496	345	Q
Ten or More .....	4,947	1,332	772	Q	693	1,940	N
<b>Elevators and Escalators (more than one may apply)</b>							
Any Elevators .....	24,617	13,567	4,830	1,404	1,729	2,453	634
Number of Elevators							
One .....	8,221	5,751	1,639	360	Q	Q	Q
Two to Five .....	10,129	5,410	2,137	804	959	462	Q
Six or More .....	6,268	2,406	1,054	241	638	1,900	Q
Any Escalators .....	2,350	1,023	Q	Q	Q	809	Q
<b>Number of Workers (main shift)</b>							
Fewer than 5 .....	15,492	11,824	1,399	Q	Q	Q	2,161
5 to 9 .....	6,166	4,924	1,183	Q	Q	N	N
10 to 19 .....	7,803	6,115	1,584	Q	N	Q	N
20 to 49 .....	10,989	7,967	2,369	476	Q	Q	N
50 to 99 .....	7,934	5,487	1,487	375	511	Q	N
100 to 249 .....	6,871	4,368	1,451	340	420	293	N
250 or More .....	9,528	4,458	1,486	565	853	2,165	N
<b>Weekly Operating Hours</b>							
Fewer than 40 .....	6,863	4,235	437	N	Q	Q	2,161
40 to 48 .....	11,622	8,244	2,714	213	Q	Q	N
49 to 60 .....	15,723	10,192	3,022	806	852	851	N
61 to 84 .....	10,334	7,310	1,664	323	346	691	N
85 to 167 .....	7,092	5,645	1,038	Q	Q	Q	N
Open Continuously .....	13,149	9,518	2,086	403	437	705	N
<b>Ownership and Occupancy</b>							
Nongovernment Owned .....	49,421	32,808	8,830	1,539	1,791	2,536	1,916
Owner Occupied .....	23,591	15,690	4,948	519	1,149	1,285	N
Nonowner Occupied .....	23,914	17,118	3,882	1,020	642	1,251	N
Unoccupied .....	1,916	N	N	N	N	N	1,916
Government Owned .....	15,363	12,336	2,130	419	Q	Q	Q
Federal .....	1,956	1,683	Q	Q	Q	Q	Q
State .....	3,808	2,633	866	Q	Q	Q	Q
Local .....	9,599	8,020	1,177	Q	Q	Q	Q
<b>Vacancy Status</b>							
Completely Vacant .....	2,161	N	N	N	N	N	2,161
Mostly Vacant .....	406	Q	Q	N	N	N	N
Partially Vacant .....	12,382	5,288	2,473	1,043	1,427	2,151	N
Not At All Vacant .....	49,834	39,682	8,255	915	524	458	N

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**Table B20. Number of Establishments in Building, Floorspace for Non-Mall Buildings, 2003**

	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
<b>All Buildings*</b> .....	64,783	45,144	10,960	1,958	1,951	2,609	2,161
<b>Multibuilding Facility</b>							
Not Part of a Multibuilding							
Facility .....	40,048	27,568	6,792	1,019	1,064	2,005	1,601
College or University .....	3,480	2,136	1,085	Q	Q	Q	N
Primary or Secondary School .....	3,947	3,779	Q	N	N	N	Q
Office Complex .....	2,712	877	546	422	375	Q	Q
Retail Complex .....	1,238	1,004	Q	Q	N	Q	Q
Religious Campus or Complex .....	2,347	2,027	Q	Q	Q	N	Q
Health Care Complex .....	2,303	1,620	471	Q	Q	Q	Q
Lodging or Resort Complex .....	912	698	Q	Q	N	N	Q
Government Complex .....	2,014	1,559	Q	Q	Q	Q	Q
Other .....	5,783	3,877	1,000	Q	Q	Q	Q
<b>Energy Sources (more than one may apply)</b>							
Electricity .....	63,307	44,379	10,921	1,958	1,951	2,609	1,489
Natural Gas .....	43,468	30,518	7,593	1,355	1,271	1,797	933
Fuel Oil .....	15,157	9,213	2,657	524	1,119	1,567	Q
District Heat .....	5,443	3,063	1,301	Q	Q	436	Q
District Chilled Water .....	2,853	1,608	849	Q	Q	Q	Q
Propane .....	7,076	5,379	1,071	Q	Q	Q	Q
Other .....	1,401	858	409	Q	N	Q	Q
<b>Energy End Uses (more than one may apply)</b>							
Buildings with Space Heating .....	60,028	42,173	10,296	1,924	1,858	2,555	1,222
Buildings with Cooling .....	56,940	39,811	10,345	1,922	1,700	2,577	585
Buildings with Water Heating .....	56,478	39,280	10,117	1,933	1,880	2,550	718
Buildings with Cooking .....	22,237	16,102	3,530	398	639	1,481	Q
Buildings with Manufacturing .....	3,138	1,980	632	Q	Q	Q	N
Buildings with Electricity Generation .....	12,821	7,603	2,400	476	829	1,415	Q
<b>Heating Equipment (more than one may apply)</b>							
Heat Pumps .....	8,814	6,637	1,111	368	350	325	Q
Packaged Heat Pumps .....	5,442	3,980	686	Q	Q	Q	Q
Split-System Heat Pumps .....	2,581	2,094	321	Q	Q	Q	N
Individual Room Heat Pumps .....	2,691	2,008	310	Q	Q	Q	N
Furnaces .....	19,615	14,437	3,761	414	Q	Q	Q
Individual Space Heaters .....	12,545	8,528	2,419	420	Q	419	Q
District Heat .....	5,166	2,905	1,245	Q	Q	Q	Q
Boilers .....	20,423	14,218	3,370	646	704	1,227	Q
Packaged Heating Units .....	18,021	12,903	2,880	597	650	610	Q
Other .....	3,262	2,022	508	Q	Q	Q	Q

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**Table B20. Number of Establishments in Building, Floorspace for Non-Mall Buildings, 2003**

	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
<b>All Buildings*</b> .....	64,783	45,144	10,960	1,958	1,951	2,609	2,161
<b>Cooling Equipment (more than one may apply)</b>							
Residential-Type Central							
Air Conditioners .....	11,035	8,024	2,313	329	Q	Q	Q
Heat Pumps .....	9,041	6,659	1,166	366	355	456	Q
Packaged Heat Pumps .....	5,426	3,938	688	Q	Q	Q	Q
Split-System Heat Pumps .....	2,606	2,056	354	Q	Q	Q	N
Individual Room Heat Pumps .....	2,940	2,095	329	Q	Q	Q	N
Individual Air Conditioners .....	12,558	9,223	2,358	315	Q	Q	Q
District Chilled Water .....	2,853	1,608	849	Q	Q	Q	Q
Central Chillers .....	11,636	6,679	1,834	573	689	1,820	Q
Packaged Air Conditioning							
Units .....	29,969	21,391	5,283	982	966	1,019	Q
Swamp Coolers .....	1,561	1,204	233	Q	Q	Q	Q
Other .....	1,232	729	Q	Q	Q	Q	N
<b>Main Equipment Replaced Since 1990 (more than one may apply)</b>							
Heating .....	16,403	11,523	2,890	559	798	405	Q
Cooling .....	20,995	14,585	3,831	699	655	1,147	Q
<b>Office Equipment (more than one may apply)</b>							
Computers .....	55,627	38,544	10,293	1,958	1,948	2,571	Q
With Flat Screen Monitors .....	26,417	15,859	5,172	1,415	1,546	2,413	Q
Dedicated Servers .....	36,338	23,761	6,942	1,532	1,711	2,363	Q
Laser Printers .....	33,012	22,914	6,411	1,214	877	1,354	Q
Inkjet Printers .....	32,210	20,886	6,233	1,284	1,602	2,163	Q
FAX Machines .....	52,373	35,578	10,038	1,951	1,946	2,581	Q
Photocopiers .....	46,257	31,326	8,809	1,846	1,689	2,496	Q
<b>Number of Computers</b>							
None .....	9,156	6,600	667	N	Q	Q	1,847
1 to 4 .....	12,395	10,211	1,720	Q	Q	Q	Q
5 to 9 .....	7,179	5,347	1,475	Q	Q	Q	N
10 to 19 .....	6,610	4,712	1,593	Q	Q	Q	Q
20 to 49 .....	7,414	5,201	1,726	362	Q	Q	N
50 to 99 .....	5,376	3,406	1,097	401	300	Q	N
100 to 249 .....	6,690	4,665	991	319	434	Q	Q
250 or More .....	9,963	5,002	1,691	498	741	2,031	N
<b>Number of Dedicated Servers</b>							
None .....	28,445	21,382	4,018	426	Q	Q	2,132
1 to 4 .....	24,116	17,854	4,935	641	436	Q	Q
5 to 9 .....	3,864	2,070	653	408	522	Q	N
10 to 19 .....	3,027	1,505	595	410	Q	276	N
20 to 49 .....	2,583	986	393	Q	Q	923	N
50 or More .....	2,748	1,346	365	Q	Q	732	N
<b>Number of Photocopiers</b>							
None .....	18,526	13,818	2,151	Q	Q	Q	2,072
One .....	15,475	12,580	2,500	Q	Q	Q	Q
2 to 4 .....	15,082	10,854	3,401	467	Q	Q	Q
5 to 9 .....	5,515	3,592	1,070	657	Q	Q	N
10 or More .....	10,185	4,300	1,838	554	1,208	2,285	N

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**Table B20. Number of Establishments in Building, Floorspace for Non-Mall Buildings, 2003**

	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
<b>All Buildings*</b> .....	64,783	45,144	10,960	1,958	1,951	2,609	2,161
<b>Energy-Related Space Functions (more than one may apply)</b>							
Commercial Food Preparation .....	22,223	16,090	3,530	398	639	1,481	Q
Activities with Large Amounts of Hot Water .....	19,482	14,846	3,037	331	463	730	Q
Separate Computer Area .....	26,873	17,693	5,002	822	1,216	2,093	Q
<b>HVAC Conservation Features (more than one may apply)</b>							
Variable Air-Volume System .....	19,597	11,801	3,519	988	1,230	1,809	Q
Economizer Cycle .....	21,108	13,314	3,898	1,163	1,011	1,563	Q
HVAC Maintenance .....	51,163	35,231	9,184	1,774	1,866	2,466	642
Energy Management and Control System (EMCS) .....	15,630	9,706	2,588	642	821	1,727	Q
<b>Window and Interior Lighting Features (more than one may apply)</b>							
Multipaned Windows .....	38,910	27,265	7,011	1,194	1,436	1,430	574
Tinted Window Glass .....	29,887	18,968	5,774	1,218	1,297	1,791	839
Reflective Window Glass .....	8,544	5,379	1,102	438	475	1,037	Q
External Overhangs or Awnings .....	17,242	12,582	2,879	806	500	285	190
Skylights or Atriums .....	12,546	8,361	2,543	441	512	610	Q
Daylighting Sensors .....	2,868	1,899	540	Q	Q	Q	Q
Specular Reflectors .....	26,118	16,988	4,570	1,074	1,405	1,811	Q
Electronic Ballasts .....	46,882	32,240	8,346	1,560	1,820	2,515	Q
Energy Management and Control System (EMCS) for Lighting .....	4,781	2,804	680	Q	382	681	N
<b>Equipment Usage Reduced When Building Not In Full Use (more than one may apply)<sup>a</sup></b>							
Heating .....	42,722	29,789	7,290	1,305	1,296	2,169	873
Cooling .....	43,205	29,802	7,892	1,528	1,395	2,148	439
Lighting .....	46,987	33,694	8,403	1,523	1,484	1,884	N
Office Equipment .....	19,397	14,753	3,558	442	249	Q	Q

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.

<sup>a</sup> 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.

**Table B21. Multibuilding Facilities, Number of Buildings and Floorspace for Non-Mall Buildings, 2003**

	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
<b>All Buildings*</b> .....	4,645	1,477	116	64,783	24,735	6,604
<b>Building Floorspace (Square Feet)</b>						
1,001 to 5,000 .....	2,552	771	Q	6,789	2,009	Q
5,001 to 10,000 .....	889	259	Q	6,585	1,912	Q
10,001 to 25,000 .....	738	263	33	11,535	4,158	520
25,001 to 50,000 .....	241	92	18	8,668	3,277	630
50,001 to 100,000 .....	129	49	13	9,057	3,381	911
100,001 to 200,000 .....	65	28	12	9,064	3,935	1,723
200,001 to 500,000 .....	25	13	5	7,176	3,568	1,438
Over 500,000 .....	7	3	2	5,908	2,494	1,235
<b>Principal Building Activity</b>						
Education .....	386	281	57	9,874	5,642	2,037
Food Sales .....	226	Q	N	1,255	Q	N
Food Service .....	297	27	Q	1,654	264	Q
Health Care .....	129	26	4	3,163	1,899	733
Inpatient .....	8	6	2	1,905	1,508	629
Outpatient .....	121	20	Q	1,258	391	Q
Lodging .....	142	69	14	5,096	2,237	726
Retail (Other Than Mall).....	443	66	Q	4,317	707	Q
Office .....	824	240	18	12,208	4,022	1,102
Public Assembly .....	277	84	10	3,939	1,542	602
Public Order and Safety .....	71	11	Q	1,090	541	Q
Religious Worship .....	370	121	Q	3,754	1,308	Q
Service .....	622	149	Q	4,050	1,041	Q
Warehouse and Storage .....	597	302	Q	10,078	3,874	Q
Other .....	79	31	Q	1,738	842	Q
Vacant .....	182	51	Q	2,567	670	Q
<b>Year Constructed</b>						
Before 1920 .....	330	59	Q	3,769	978	Q
1920 to 1945 .....	527	112	12	6,871	2,874	985
1946 to 1959 .....	562	147	24	7,045	2,347	669
1960 to 1969 .....	579	215	26	8,101	3,956	1,166
1970 to 1979 .....	731	211	11	10,772	3,787	806
1980 to 1989 .....	707	251	14	10,332	4,154	1,249
1990 to 1999 .....	876	318	16	12,360	4,448	1,193
2000 to 2003 .....	334	163	3	5,533	2,190	235
<b>Census Region</b>						
Northeast .....	726	158	19	12,905	4,490	1,103
Midwest .....	1,266	306	21	17,080	6,003	1,863
South .....	1,775	617	35	23,489	9,056	2,567
West .....	878	395	41	11,310	5,186	1,071

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**Table B21. Multibuilding Facilities, Number of Buildings and Floorspace for Non-Mall Buildings, 2003**

	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
<b>All Buildings*</b> .....	4,645	1,477	116	64,783	24,735	6,604
<b>Number of Workers (main shift)</b>						
Fewer than 5 .....	2,653	882	35	15,492	5,554	870
5 to 9 .....	778	184	Q	6,166	1,642	Q
10 to 19 .....	563	165	15	7,803	2,602	253
20 to 49 .....	398	143	27	10,989	4,084	985
50 to 99 .....	147	54	16	7,934	3,408	1,167
100 to 249 .....	77	36	11	6,871	3,339	1,271
250 or More .....	30	13	6	9,528	4,106	1,948
<b>Weekly Operating Hours</b>						
Fewer than 40 .....	1,002	341	Q	6,863	2,248	Q
40 to 48 .....	1,117	366	24	11,622	4,474	864
49 to 60 .....	1,062	309	27	15,723	5,574	1,689
61 to 84 .....	591	155	23	10,334	3,528	1,006
85 to 167 .....	400	84	10	7,092	2,728	898
Open Continuously .....	475	223	20	13,149	6,183	1,960
<b>Ownership and Occupancy</b>						
Nongovernment Owned .....	4,011	1,062	37	49,421	15,647	2,503
Owner Occupied .....	1,841	446	22	23,591	7,648	1,556
Nonowner Occupied .....	2,029	581	15	23,914	7,461	911
Unoccupied .....	141	35	Q	1,916	538	Q
Government Owned .....	635	415	79	15,363	9,088	4,101
Federal .....	46	34	Q	1,956	1,240	Q
State .....	164	127	43	3,808	3,028	2,085
Local .....	425	254	26	9,599	4,819	1,210
<b>Vacancy Status</b>						
Completely Vacant .....	157	44	Q	2,161	560	Q
Mostly Vacant .....	25	Q	N	406	Q	N
Partially Vacant .....	548	219	19	12,382	5,092	1,311
Not At All Vacant .....	3,915	1,207	96	49,834	18,973	5,257
<b>Multibuilding Facility Activity</b>						
Not Part of a Multibuilding						
Facility .....	3,169	N	N	40,048	N	N
College or University .....	83	83	48	3,480	3,480	2,467
Primary or Secondary School .....	254	254	36	3,947	3,947	871
Office Complex .....	111	111	4	2,712	2,712	456
Retail Complex .....	151	151	N	1,238	1,238	N
Religious Campus or Complex .....	195	195	Q	2,347	2,347	Q
Health Care Complex .....	39	39	8	2,303	2,303	867
Lodging or Resort Complex .....	61	61	Q	912	912	Q
Government Complex .....	87	87	5	2,014	2,014	Q
Other .....	496	496	5	5,783	5,783	526
<b>Central Plant that Produces</b>						
District Hot Water .....	59	59	59	3,321	3,321	3,321
District Steam .....	56	56	56	4,059	4,059	4,059
District Chilled Water .....	69	69	69	4,969	4,969	4,969
Electricity .....	19	19	19	1,251	1,251	1,251

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**Table B21. Multibuilding Facilities, Number of Buildings and Floorspace for Non-Mall Buildings, 2003**

	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
<b>All Buildings*</b> .....	4,645	1,477	116	64,783	24,735	6,604
<b>Energy Sources (more than one may apply)</b>						
Electricity .....	4,404	1,343	116	63,307	24,089	6,604
Natural Gas .....	2,391	582	64	43,468	14,974	3,970
Fuel Oil .....	451	115	14	15,157	6,961	2,244
District Heat .....	67	61	58	5,443	4,241	3,909
District Chilled Water .....	33	29	25	2,853	2,647	2,410
Propane .....	502	160	9	7,076	3,315	825
Other .....	132	26	Q	1,401	537	Q
<b>Energy End Uses (more than one may apply)</b>						
Buildings with Space Heating .....	3,982	1,147	115	60,028	22,590	6,513
Buildings with Cooling .....	3,625	1,031	100	56,940	20,964	5,806
Buildings with Water Heating .....	3,472	967	94	56,478	21,176	5,834
Buildings with Cooking .....	801	175	19	22,237	8,521	2,563
Buildings with Manufacturing .....	119	21	Q	3,138	1,025	Q
Buildings with Electricity Generation .....	149	61	14	12,821	6,389	2,572

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\* 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.

<sup>a</sup> 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 that use the particular energy source.

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.