

Table B11. Selected Principal Building Activity: Part 1, Number of Buildings for Non-Mall Buildings, 2003

	Number of Buildings (thousand)							
	All Buildings*	Principal Building Activity						Retail (Other Than Mall)
		Education	Food Sales	Food Service	Health Care		Lodging	
				Inpatient	Outpatient			
All Buildings*	4,645	386	226	297	8	121	142	443
Building Floorspace (Square Feet)								
1,001 to 5,000	2,552	162	164	202	N	56	38	241
5,001 to 10,000	889	56	44	65	N	38	21	97
10,001 to 25,000	738	60	Q	23	Q	19	38	83
25,001 to 50,000	241	48	Q	Q	Q	Q	23	14
50,001 to 100,000	129	39	Q	Q	Q	3	11	Q
100,001 to 200,000	65	16	Q	N	Q	Q	7	4
200,001 to 500,000	25	5	N	Q	2	Q	4	Q
Over 500,000	7	Q	N	N	1	N	Q	Q
Year Constructed								
Before 1920	330	12	Q	32	Q	Q	Q	37
1920 to 1945	527	26	Q	34	Q	Q	11	66
1946 to 1959	562	78	Q	30	Q	Q	17	62
1960 to 1969	579	60	Q	Q	1	Q	25	59
1970 to 1979	731	58	Q	46	2	14	25	90
1980 to 1989	707	44	33	46	2	18	21	44
1990 to 1999	876	75	56	66	0	36	30	68
2000 to 2003	334	32	Q	Q	Q	Q	6	17
Census Region and Division								
Northeast	726	31	40	37	1	17	27	76
New England	233	Q	Q	Q	Q	Q	Q	Q
Middle Atlantic	493	21	Q	27	1	Q	9	46
Midwest	1,266	63	57	88	2	29	34	111
East North Central	696	34	43	54	1	19	15	69
West North Central	571	29	Q	34	Q	Q	19	42
South	1,775	156	94	127	4	44	52	197
South Atlantic	874	87	49	61	Q	25	26	106
East South Central	348	Q	Q	24	Q	Q	13	42
West South Central	553	56	Q	42	1	Q	13	49
West	878	136	Q	45	1	30	30	60
Mountain	299	39	Q	Q	Q	Q	16	21
Pacific	580	97	Q	34	1	17	14	39
Climate Zone: 30-Year Average								
Under 2,000 CDD and --								
More than 7,000 HDD	855	38	45	48	1	21	29	69
5,500-7,000 HDD	1,173	89	59	71	2	29	38	103
4,000-5,499 HDD	673	35	Q	45	1	22	25	88
Fewer than 4,000 HDD	1,276	143	57	78	3	28	36	133
2,000 CDD or More and --								
Fewer than 4,000 HDD	669	81	Q	54	1	21	15	50
Number of Floors								
One	3,136	281	183	210	Q	68	48	311
Two	1,031	60	29	54	Q	37	52	103
Three	339	31	Q	28	Q	Q	17	25
Four to Nine	128	14	Q	Q	3	3	23	Q
Ten or More	12	Q	N	N	1	Q	3	Q

CONTINUED

Table B11. Selected Principal Building Activity: Part 1, Number of Buildings for Non-Mall Buildings, 2003

	Number of Buildings (thousand)							
	All Buildings*	Principal Building Activity						Retail (Other Than Mall)
		Education	Food Sales	Food Service	Health Care		Lodging	
				Inpatient	Outpatient			
All Buildings*	4,645	386	226	297	8	121	142	443
Elevators and Escalators (more than one may apply)								
Any Elevators	309	50	Q	Q	6	12	30	14
Number of Elevators								
One	208	37	Q	Q	Q	8	11	Q
Two to Five	88	12	N	Q	3	3	17	Q
Six or More	13	Q	N	N	2	Q	Q	Q
Any Escalators	6	Q	N	Q	Q	Q	Q	Q
Number of Workers (main shift)								
Fewer than 5	2,653	150	162	101	N	Q	78	268
5 to 9	778	49	Q	92	N	41	18	90
10 to 19	563	57	Q	68	Q	Q	18	57
20 to 49	398	69	Q	30	Q	26	16	14
50 to 99	147	42	Q	Q	Q	Q	8	12
100 to 249	77	15	Q	Q	4	5	4	3
250 or More	30	3	N	N	3	Q	Q	Q
Weekly Operating Hours								
Fewer than 40	1,002	74	Q	26	N	Q	Q	Q
40 to 48	1,117	124	Q	Q	N	53	Q	96
49 to 60	1,062	119	Q	35	N	32	N	159
61 to 84	591	56	46	102	N	Q	Q	118
85 to 167	400	12	106	101	N	Q	Q	30
Open Continuously	475	Q	45	Q	8	Q	140	Q
Ownership and Occupancy								
Nongovernment Owned	4,011	141	224	283	7	115	134	441
Owner Occupied	1,841	83	94	72	4	64	48	189
Nonowner Occupied	2,029	58	130	211	3	51	86	252
Unoccupied	141	N	N	N	N	N	N	N
Government Owned	635	245	Q	Q	1	Q	9	Q
Federal	46	Q	N	N	Q	Q	Q	Q
State	164	59	Q	Q	Q	Q	Q	N
Local	425	175	Q	Q	Q	Q	Q	N
Vacancy Status								
Completely Vacant	157	N	N	N	N	N	N	N
Mostly Vacant	25	N	N	N	N	N	N	N
Partially Vacant	548	55	Q	24	1	18	18	26
Not At All Vacant	3,915	331	212	274	7	103	124	417
Number of Establishments								
One	3,754	360	203	270	6	84	130	368
2 to 5	643	21	Q	26	1	32	12	68
6 to 10	55	Q	N	Q	Q	Q	Q	Q
11 to 20	23	N	N	N	Q	Q	N	Q
More than 20	14	N	Q	N	Q	Q	N	Q
Currently Unoccupied	157	N	N	N	N	N	N	N

CONTINUED

Table B11. Selected Principal Building Activity: Part 1, Number of Buildings for Non-Mall Buildings, 2003

	Number of Buildings (thousand)							
	All Buildings*	Principal Building Activity						Retail (Other Than Mall)
		Education	Food Sales	Food Service	Health Care		Lodging	
				Inpatient	Outpatient			
All Buildings*	4,645	386	226	297	8	121	142	443
Multibuilding Facility								
Not Part of a Multibuilding								
Facility	3,169	105	207	271	2	101	73	377
College or University	83	40	N	Q	Q	Q	10	Q
Primary or Secondary School	254	186	N	Q	N	Q	Q	N
Office Complex	111	Q	Q	N	Q	Q	Q	Q
Retail Complex	151	N	Q	Q	N	N	N	46
Religious Campus or Complex	195	39	N	Q	N	N	Q	N
Health Care Complex	39	Q	N	Q	6	16	6	N
Lodging or Resort Complex	61	Q	N	Q	N	N	39	Q
Government Complex	87	N	N	Q	N	Q	N	N
Other	496	Q	N	Q	N	Q	Q	Q
Predominant Exterior Wall Material								
Brick, Stone or Stucco	2,044	220	116	170	5	71	74	166
Concrete (Block or Poured)	786	44	50	55	Q	Q	22	121
Concrete Panels	131	10	Q	Q	1	Q	Q	8
Siding or Shingles	779	78	Q	51	Q	Q	41	71
Metal Panels	825	30	Q	Q	Q	Q	N	69
Window Glass	17	Q	N	Q	Q	N	Q	Q
Other	47	Q	Q	Q	Q	Q	Q	Q
No One Major Type	18	Q	N	Q	Q	N	Q	Q
Predominant Roof Material								
Built-Up	1,036	112	62	96	4	25	23	129
Shingles (Not Wood)	1,325	116	71	64	Q	52	72	98
Metal Surfacing	1,288	65	Q	49	Q	Q	Q	109
Synthetic or Rubber	511	53	33	55	3	12	14	68
Slate or Tile	263	32	Q	Q	Q	Q	11	Q
Wooden Materials	122	Q	Q	Q	N	Q	Q	Q
Concrete	61	Q	Q	Q	Q	Q	Q	Q
Other	16	Q	Q	Q	N	N	Q	N
No One Major Type	25	Q	Q	Q	Q	Q	N	Q
Renovations in Buildings Constructed Before 1980 (more than one may apply)								
Any Type of Renovation								
Since 1980	1,018	105	48	79	4	28	35	115
Addition or Annex	256	31	Q	Q	4	Q	13	18
Reduction In Floorspace	22	Q	N	Q	Q	Q	Q	Q
Cosmetic Improvements	741	77	37	67	3	25	29	86
Wall or Roof Replacement	370	49	Q	25	1	Q	17	39
Interior Wall								
Re-Configuration	411	37	Q	24	2	23	14	48
HVAC Equipment Upgrade	442	60	Q	37	4	Q	20	50
Lighting Upgrade	455	65	Q	29	2	Q	17	43
Window Replacement	310	40	Q	Q	1	Q	16	33
Plumbing System Upgrade	315	42	Q	29	1	Q	17	38
Insulation Upgrade	227	23	Q	Q	1	Q	Q	23
Other Renovation	19	Q	Q	Q	Q	Q	Q	Q
No Renovations Since 1980	1,710	130	77	86	1	30	50	200
Building Newer than 1980	1,917	151	100	133	2	63	57	128

CONTINUED

Table B11. Selected Principal Building Activity: Part 1, Number of Buildings for Non-Mall Buildings, 2003

	Number of Buildings (thousand)							
	All Buildings*	Principal Building Activity						Retail (Other Than Mall)
		Education	Food Sales	Food Service	Health Care		Lodging	
				Inpatient	Outpatient			
All Buildings*	4,645	386	226	297	8	121	142	443
Energy Sources (more than one may apply)								
Electricity	4,404	384	221	297	8	121	142	443
Natural Gas	2,391	213	98	226	7	65	86	245
Fuel Oil	451	26	Q	Q	7	6	28	37
District Heat	67	26	N	Q	1	Q	6	Q
District Chilled Water	33	14	N	Q	1	Q	Q	Q
Propane	502	43	Q	52	Q	Q	24	47
Other	61	Q	Q	N	Q	N	Q	Q
Energy End Uses (more than one may apply)								
Buildings with Space Heating	3,982	382	188	282	8	116	142	408
Buildings with Cooling	3,625	352	210	283	8	121	130	406
Buildings with Water Heating	3,472	298	186	297	8	119	142	314
Buildings with Cooking	801	125	84	284	7	Q	47	14
Buildings with Manufacturing	119	Q	Q	Q	Q	Q	Q	Q
Buildings with Electricity Generation	149	16	Q	Q	7	5	19	7
Heating Equipment (more than one may apply)								
Heat Pumps	476	66	Q	26	Q	19	25	42
Packaged Heat Pumps	278	31	Q	Q	Q	Q	11	27
Split-System Heat Pumps	166	14	Q	Q	Q	Q	Q	Q
Individual Room Heat Pumps	58	27	N	Q	Q	Q	14	Q
Furnaces	1,864	111	77	125	Q	58	31	227
Individual Space Heaters	819	67	Q	28	1	19	57	75
District Heat	65	25	N	Q	1	Q	Q	Q
Boilers	579	84	Q	36	6	16	42	30
Packaged Heating Units	953	99	46	103	3	25	31	97
Other	205	Q	Q	Q	Q	Q	Q	Q
Cooling Equipment (more than one may apply)								
Residential-Type Central Air Conditioners	1,006	59	36	69	1	46	23	95
Heat Pumps	492	63	Q	30	Q	19	25	50
Packaged Heat Pumps	288	27	Q	Q	Q	Q	11	34
Split-System Heat Pumps	174	14	Q	Q	Q	Q	Q	Q
Individual Room Heat Pumps	58	27	N	Q	Q	Q	14	Q
Individual Air Conditioners	742	87	Q	33	3	Q	71	82
District Chilled Water	33	14	N	Q	1	Q	Q	Q
Central Chillers	111	36	N	Q	4	4	11	Q
Packaged Air Conditioning Units	1,613	139	107	176	5	52	39	200
Swamp Coolers	122	Q	Q	Q	Q	N	Q	Q
Other	40	Q	Q	Q	Q	N	Q	Q
Main Equipment Replaced Since 1990 (more than one may apply)								
Heating	1,197	82	53	81	2	40	56	128
Cooling	1,356	109	75	98	4	41	63	170

CONTINUED

Table B11. Selected Principal Building Activity: Part 1, Number of Buildings for Non-Mall Buildings, 2003

	Number of Buildings (thousand)							
	All Buildings*	Principal Building Activity						Retail (Other Than Mall)
		Education	Food Sales	Food Service	Health Care		Lodging	
				Inpatient	Outpatient			
All Buildings*	4,645	386	226	297	8	121	142	443
Office Equipment (more than one may apply)								
Computers	3,081	343	138	172	6	118	97	317
With Flat Screen Monitors	877	89	Q	40	5	48	33	68
Dedicated Servers	1,175	127	36	44	6	48	42	103
Laser Printers	1,970	227	82	113	3	54	62	223
Inkjet Printers	1,420	143	56	51	5	70	42	129
FAX Machines	2,715	199	118	168	8	114	85	330
Photocopiers	1,939	207	60	27	8	95	56	163
Number of Computers								
None	1,565	43	88	125	Q	Q	46	126
1 to 4	1,670	113	116	139	Q	56	47	215
5 to 9	559	36	Q	26	Q	Q	23	67
10 to 19	370	50	Q	Q	Q	21	12	21
20 to 49	255	50	Q	Q	Q	Q	6	14
50 to 99	110	41	N	N	Q	4	Q	Q
100 to 249	79	39	N	N	1	Q	Q	Q
250 or More	38	14	N	N	2	Q	Q	Q
Number of Dedicated Servers								
None	3,471	259	189	253	Q	73	100	340
1 to 4	1,060	112	36	41	3	46	41	100
5 to 9	58	8	Q	Q	0	Q	Q	Q
10 to 19	30	Q	N	N	1	Q	Q	Q
20 to 49	17	Q	N	N	1	Q	Q	Q
50 or More	10	Q	N	N	0	Q	Q	N
Number of Photocopiers								
None	2,706	179	166	270	Q	Q	87	280
One	1,250	94	53	21	Q	66	39	140
2 to 4	549	90	Q	Q	Q	22	13	23
5 to 9	85	18	N	N	1	4	Q	Q
10 or More	54	5	N	N	4	3	Q	Q
Energy-Related Space Functions (more than one may apply)								
Commercial Food Preparation	799	125	84	284	7	Q	47	14
Activities with Large Amounts of Hot Water	567	79	Q	123	7	13	104	15
Separate Computer Area	553	146	Q	Q	5	17	22	14
HVAC Conservation Features (more than one may apply)								
Variable Air-Volume System	466	83	Q	41	5	24	20	31
Economizer Cycle	508	88	Q	47	4	20	24	34
HVAC Maintenance	2,581	294	129	201	8	89	101	233
Energy Management and Control System (EMCS)	252	100	Q	Q	2	9	5	14

CONTINUED

Table B11. Selected Principal Building Activity: Part 1, Number of Buildings for Non-Mall Buildings, 2003

	Number of Buildings (thousand)							
	All Buildings*	Principal Building Activity						Retail (Other Than Mall)
		Education	Food Sales	Food Service	Health Care		Lodging	
				Inpatient	Outpatient			
All Buildings*	4,645	386	226	297	8	121	142	443
Window and Interior Lighting Features (more than one may apply)								
Multipaned Windows	2,201	174	115	163	7	79	93	201
Tinted Window Glass	1,323	134	48	107	6	46	27	158
Reflective Window Glass	308	28	Q	29	3	14	14	19
External Overhangs or Awnings	1,233	91	74	142	4	26	56	183
Skylights or Atriums	331	32	Q	Q	3	9	19	29
Daylighting Sensors	74	7	Q	Q	1	Q	8	Q
Specular Reflectors	928	97	33	49	4	26	30	74
Electronic Ballasts	2,577	269	136	178	7	79	83	293
Energy Management and Control System (EMCS) for Lighting	60	23	Q	Q	Q	Q	Q	4
Equipment Usage Reduced When Building Not In Full Use (more than one may apply)^a								
Heating	2,878	315	70	193	3	92	70	315
Cooling	2,761	308	90	211	3	93	75	325
Lighting	3,685	359	165	271	N	116	Q	426
Office Equipment	1,504	239	38	54	N	61	Q	154

See "Guide to the Tables" or "Glossary" for further explanations of the terms used in this table. Both can be accessed from the CBECS web site - <http://www.eia.doe.gov/emeu/cbecs>.

* Figures in this table do not include enclosed malls and strip malls. Mall buildings add an estimated 213 thousand buildings comprising 6.9 billion square feet.

^a The definition for one or more of these row items has changed and may not be directly comparable with past CBECS estimates. See "Guide to the Tables" for discussion of the differences.

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

N=No responding cases in sample.

Notes: • HVAC = Heating, Ventilation, and Air Conditioning. • Due to rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-871A of the 2003 Commercial Buildings Energy Consumption Survey.

Table B12. Selected Principal Building Activity: Part 1, Floorspace for Non-Mall Buildings, 2003

	Total Floorspace (million square feet)							
	All Buildings*	Principal Building Activity						
		Education	Food Sales	Food Service	Health Care		Lodging	Retail (Other Than Mall)
				Inpatient	Outpatient			
All Buildings*	64,783	9,874	1,255	1,654	1,905	1,258	5,096	4,317
Building Floorspace (Square Feet)								
1,001 to 5,000	6,789	409	409	544	N	165	99	638
5,001 to 10,000	6,585	399	356	442	N	280	160	725
10,001 to 25,000	11,535	931	Q	345	Q	312	631	1,284
25,001 to 50,000	8,668	1,756	Q	Q	Q	Q	803	578
50,001 to 100,000	9,057	2,690	Q	Q	Q	206	841	Q
100,001 to 200,000	9,064	2,167	Q	N	Q	Q	930	524
200,001 to 500,000	7,176	1,420	N	Q	467	Q	1,185	Q
Over 500,000	5,908	Q	N	N	973	N	Q	Q
Year Constructed								
Before 1920	3,769	410	Q	281	Q	Q	Q	220
1920 to 1945	6,871	1,036	Q	138	Q	Q	Q	445
1946 to 1959	7,045	1,744	Q	194	318	Q	276	360
1960 to 1969	8,101	1,665	Q	Q	304	Q	744	543
1970 to 1979	10,772	1,410	Q	227	556	197	840	900
1980 to 1989	10,332	1,284	188	182	358	164	980	361
1990 to 1999	12,360	1,546	281	327	161	416	807	1,080
2000 to 2003	5,533	778	Q	Q	Q	Q	489	407
Census Region and Division								
Northeast	12,905	1,683	238	172	358	177	1,171	630
New England	2,964	Q	Q	Q	Q	Q	374	Q
Middle Atlantic	9,941	1,384	Q	127	310	Q	797	419
Midwest	17,080	2,541	320	453	438	359	1,144	880
East North Central	11,595	1,990	218	248	316	235	548	544
West North Central	5,485	552	Q	206	Q	Q	595	337
South	23,489	3,983	487	764	838	438	1,694	1,844
South Atlantic	12,258	2,445	223	433	469	280	939	897
East South Central	3,393	341	Q	99	Q	Q	368	353
West South Central	7,837	1,198	Q	232	235	Q	387	594
West	11,310	1,667	Q	265	270	283	1,087	963
Mountain	3,675	640	Q	Q	Q	Q	438	210
Pacific	7,635	1,027	Q	232	176	147	649	753
Climate Zone: 30-Year Average								
Under 2,000 CDD and --								
More than 7,000 HDD	10,622	1,537	271	227	262	213	768	710
5,500-7,000 HDD	17,335	2,800	368	400	450	334	1,314	865
4,000-5,499 HDD	11,504	1,403	Q	219	323	240	1,132	695
Fewer than 4,000 HDD	15,739	2,435	273	440	592	252	1,275	1,454
2,000 CDD or More and --								
Fewer than 4,000 HDD	9,584	1,698	Q	366	278	218	608	592
Number of Floors								
One	25,981	3,696	961	937	Q	441	646	2,742
Two	16,270	2,911	263	379	Q	428	950	932
Three	7,501	1,639	Q	176	Q	Q	618	416
Four to Nine	10,085	1,585	Q	Q	989	189	2,007	Q
Ten or More	4,947	Q	N	N	527	Q	875	Q

CONTINUED

Table B12. Selected Principal Building Activity: Part 1, Floorspace for Non-Mall Buildings, 2003

	Total Floorspace (million square feet)							
	All Buildings*	Principal Building Activity						
		Education	Food Sales	Food Service	Health Care		Lodging	Retail (Other Than Mall)
				Inpatient	Outpatient			
All Buildings*	64,783	9,874	1,255	1,654	1,905	1,258	5,096	4,317
Elevators and Escalators (more than one may apply)								
Any Elevators	24,617	4,476	Q	Q	1,813	532	3,377	584
Number of Elevators								
One	8,221	2,690	Q	Q	Q	212	584	Q
Two to Five	10,129	1,767	N	Q	413	257	2,033	Q
Six or More	6,268	Q	N	N	1,365	Q	Q	Q
Any Escalators	2,350	Q	N	Q	Q	Q	Q	Q
Number of Workers (main shift)								
Fewer than 5	15,492	612	484	336	N	Q	802	1,235
5 to 9	6,166	378	Q	413	N	254	437	828
10 to 19	7,803	740	Q	421	Q	Q	1,023	755
20 to 49	10,989	2,565	Q	367	Q	312	1,049	440
50 to 99	7,934	2,928	Q	Q	Q	Q	703	572
100 to 249	6,871	1,995	Q	Q	379	304	562	333
250 or More	9,528	655	N	N	1,464	Q	Q	Q
Weekly Operating Hours								
Fewer than 40	6,863	663	Q	98	N	Q	Q	Q
40 to 48	11,622	2,556	Q	Q	N	450	Q	469
49 to 60	15,723	2,942	Q	178	N	421	N	1,434
61 to 84	10,334	2,317	249	512	N	Q	Q	1,486
85 to 167	7,092	1,313	639	651	N	Q	Q	629
Open Continuously	13,149	Q	252	Q	1,905	Q	5,054	Q
Ownership and Occupancy								
Nongovernment Owned	49,421	2,070	1,243	1,547	1,557	1,105	4,734	4,312
Owner Occupied	23,591	1,232	541	489	911	700	1,624	2,020
Nonowner Occupied	23,914	839	702	1,058	646	405	3,110	2,292
Unoccupied	1,916	N	N	N	N	N	N	N
Government Owned	15,363	7,804	Q	Q	348	Q	363	Q
Federal	1,956	Q	N	N	Q	Q	Q	Q
State	3,808	1,671	Q	Q	Q	Q	Q	N
Local	9,599	6,067	Q	Q	Q	Q	Q	N
Vacancy Status								
Completely Vacant	2,161	N	N	N	N	N	N	N
Mostly Vacant	406	N	N	N	N	N	N	N
Partially Vacant	12,382	1,328	Q	222	415	326	631	313
Not At All Vacant	49,834	8,546	1,203	1,432	1,490	932	4,466	4,004
Number of Establishments								
One	45,144	8,714	1,057	1,375	1,328	676	4,234	3,410
2 to 5	10,960	946	Q	246	361	374	783	630
6 to 10	1,958	Q	N	Q	Q	Q	Q	Q
11 to 20	1,951	N	N	N	Q	Q	N	Q
More than 20	2,609	N	Q	N	Q	Q	N	Q
Currently Unoccupied	2,161	N	N	N	N	N	N	N

CONTINUED

Table B12. Selected Principal Building Activity: Part 1, Floorspace for Non-Mall Buildings, 2003

	Total Floorspace (million square feet)							
	All Buildings*	Principal Building Activity						
		Education	Food Sales	Food Service	Health Care		Lodging	Retail (Other Than Mall)
				Inpatient	Outpatient			
All Buildings*	64,783	9,874	1,255	1,654	1,905	1,258	5,096	4,317
Multibuilding Facility								
Not Part of a Multibuilding								
Facility	40,048	4,232	1,109	1,390	397	867	2,859	3,610
College or University	3,480	1,549	N	Q	Q	Q	369	Q
Primary or Secondary School	3,947	3,437	N	Q	N	Q	Q	N
Office Complex	2,712	Q	Q	N	Q	Q	Q	Q
Retail Complex	1,238	N	Q	Q	N	N	N	553
Religious Campus or Complex	2,347	453	N	Q	N	N	Q	N
Health Care Complex	2,303	Q	N	Q	1,482	326	309	N
Lodging or Resort Complex	912	Q	N	Q	N	N	799	Q
Government Complex	2,014	N	N	Q	N	Q	N	N
Other	5,783	Q	N	Q	N	Q	Q	Q
Predominant Exterior Wall Material								
Brick, Stone or Stucco	32,817	7,229	559	1,047	1,131	874	3,054	1,341
Concrete (Block or Poured)	10,832	1,265	342	263	428	Q	1,069	1,108
Concrete Panels	6,559	427	Q	Q	201	Q	Q	349
Siding or Shingles	4,120	437	Q	191	Q	Q	466	403
Metal Panels	7,912	176	Q	Q	Q	Q	N	1,087
Window Glass	1,024	Q	N	Q	Q	N	Q	Q
Other	1,113	Q	Q	Q	Q	Q	Q	Q
No One Major Type	406	Q	N	Q	Q	N	Q	Q
Predominant Roof Material								
Built-Up	21,170	3,901	360	477	980	384	1,571	1,236
Shingles (Not Wood)	10,195	1,287	301	332	Q	427	1,314	454
Metal Surfacing	11,944	1,002	Q	311	Q	Q	Q	1,345
Synthetic or Rubber	14,730	2,829	274	315	770	266	1,182	925
Slate or Tile	2,462	533	Q	Q	Q	Q	250	Q
Wooden Materials	887	Q	Q	Q	N	Q	Q	Q
Concrete	2,231	Q	Q	Q	Q	Q	Q	Q
Other	598	Q	Q	Q	N	N	Q	N
No One Major Type	565	Q	Q	Q	Q	Q	N	Q
Renovations in Buildings Constructed Before 1980 (more than one may apply)								
Any Type of Renovation								
Since 1980	17,844	3,787	351	517	1,155	275	1,339	926
Addition or Annex	6,551	1,539	Q	Q	880	Q	500	188
Reduction In Floorspace	1,012	Q	N	Q	Q	Q	Q	Q
Cosmetic Improvements	13,119	2,762	299	411	848	236	1,120	701
Wall or Roof Replacement	8,070	1,961	Q	151	572	Q	626	363
Interior Wall								
Re-Configuration	8,518	1,585	Q	149	805	180	523	434
HVAC Equipment Upgrade	10,768	2,636	Q	270	1,024	Q	854	478
Lighting Upgrade	10,275	2,592	Q	241	767	Q	748	488
Window Replacement	6,354	1,652	Q	Q	411	Q	437	328
Plumbing System Upgrade	7,144	1,607	Q	201	634	Q	562	325
Insulation Upgrade	4,015	916	Q	Q	280	Q	Q	230
Other Renovation	523	Q	Q	Q	Q	Q	Q	Q
No Renovations Since 1980	18,714	2,479	324	437	161	288	1,481	1,544
Building Newer than 1980	28,225	3,608	579	699	589	695	2,276	1,848

CONTINUED

Table B12. Selected Principal Building Activity: Part 1, Floorspace for Non-Mall Buildings, 2003

	Total Floorspace (million square feet)							
	All Buildings*	Principal Building Activity						
		Education	Food Sales	Food Service	Health Care		Lodging	Retail (Other Than Mall)
				Inpatient	Outpatient			
All Buildings*	64,783	9,874	1,255	1,654	1,905	1,258	5,096	4,317
Energy Sources (more than one may apply)								
Electricity	63,307	9,871	1,237	1,654	1,905	1,258	5,096	4,317
Natural Gas	43,468	7,045	747	1,396	1,805	739	4,256	2,866
Fuel Oil	15,157	1,864	Q	Q	1,683	199	2,193	501
District Heat	5,443	1,145	N	Q	436	Q	345	Q
District Chilled Water	2,853	768	N	Q	279	Q	Q	Q
Propane	7,076	855	Q	220	329	Q	614	382
Other	909	Q	Q	N	Q	N	Q	Q
Energy End Uses (more than one may apply)								
Buildings with Space Heating	60,028	9,755	1,131	1,608	1,905	1,195	4,994	4,075
Buildings with Cooling	56,940	9,200	1,198	1,583	1,899	1,258	4,841	4,079
Buildings with Water Heating	56,478	9,481	1,130	1,654	1,905	1,255	5,096	3,459
Buildings with Cooking	22,237	6,402	677	1,611	1,819	Q	3,184	771
Buildings with Manufacturing	3,138	Q	Q	Q	Q	Q	Q	Q
Buildings with Electricity Generation	12,821	1,776	Q	Q	1,648	214	1,831	504
Heating Equipment (more than one may apply)								
Heat Pumps	8,814	1,787	Q	168	424	217	1,183	444
Packaged Heat Pumps	5,442	918	Q	Q	Q	Q	662	279
Split-System Heat Pumps	2,581	382	Q	Q	Q	Q	Q	Q
Individual Room Heat Pumps	2,691	923	N	Q	Q	Q	754	Q
Furnaces	19,615	1,855	567	675	386	400	1,065	2,049
Individual Space Heaters	12,545	1,500	Q	186	409	191	1,462	667
District Heat	5,166	1,106	N	Q	353	Q	Q	Q
Boilers	20,423	5,171	Q	328	1,477	380	2,773	383
Packaged Heating Units	18,021	2,596	422	591	672	270	1,356	1,397
Other	3,262	Q	Q	Q	Q	Q	Q	Q
Cooling Equipment (more than one may apply)								
Residential-Type Central								
Air Conditioners	11,035	1,263	173	468	321	384	1,102	624
Heat Pumps	9,041	1,674	Q	217	412	213	1,172	471
Packaged Heat Pumps	5,426	804	Q	Q	322	Q	651	304
Split-System Heat Pumps	2,606	382	Q	Q	Q	Q	Q	Q
Individual Room Heat Pumps	2,940	893	N	Q	Q	Q	754	Q
Individual Air Conditioners	12,558	2,607	Q	234	607	Q	2,306	564
District Chilled Water	2,853	768	N	Q	279	Q	Q	Q
Central Chillers	11,636	2,714	N	Q	1,348	176	1,401	Q
Packaged Air Conditioning								
Units	29,969	4,318	784	988	1,108	585	2,003	2,723
Swamp Coolers	1,561	Q	Q	Q	Q	N	Q	Q
Other	1,232	Q	Q	Q	Q	N	Q	Q
Main Equipment Replaced Since 1990 (more than one may apply)								
Heating	16,403	2,519	298	498	418	262	1,703	1,121
Cooling	20,995	3,445	378	608	893	333	2,026	1,346

CONTINUED

Table B12. Selected Principal Building Activity: Part 1, Floorspace for Non-Mall Buildings, 2003

	Total Floorspace (million square feet)							
	All Buildings*	Principal Building Activity						
		Education	Food Sales	Food Service	Health Care		Lodging	Retail (Other Than Mall)
				Inpatient	Outpatient			
All Buildings*	64,783	9,874	1,255	1,654	1,905	1,258	5,096	4,317
Office Equipment (more than one may apply)								
Computers	55,627	9,649	986	1,205	1,752	1,252	4,713	3,751
With Flat Screen Monitors	26,417	4,601	Q	381	1,566	688	2,178	1,324
Dedicated Servers	36,338	6,895	447	427	1,628	689	3,369	1,870
Laser Printers	33,012	6,487	596	660	876	632	2,858	2,293
Inkjet Printers	32,210	4,787	524	482	1,443	836	2,143	2,061
FAX Machines	52,373	8,740	901	1,135	1,901	1,184	4,384	3,761
Photocopiers	46,257	8,786	592	347	1,876	1,104	3,686	2,626
Number of Computers								
None	9,156	225	269	448	Q	Q	383	566
1 to 4	12,395	548	551	789	Q	255	911	1,637
5 to 9	7,179	315	Q	197	Q	Q	875	792
10 to 19	6,610	597	Q	Q	Q	225	804	455
20 to 49	7,414	1,226	Q	Q	Q	Q	723	513
50 to 99	5,376	1,583	N	N	Q	182	Q	Q
100 to 249	6,690	3,143	N	N	245	Q	Q	Q
250 or More	9,963	2,238	N	N	1,278	Q	Q	Q
Number of Dedicated Servers								
None	28,445	2,979	808	1,226	Q	569	1,727	2,447
1 to 4	24,116	5,213	427	316	560	490	3,041	1,619
5 to 9	3,864	788	Q	Q	205	Q	Q	Q
10 to 19	3,027	Q	N	N	348	Q	Q	Q
20 to 49	2,583	Q	N	N	301	Q	Q	Q
50 or More	2,748	Q	N	N	214	Q	Q	N
Number of Photocopiers								
None	18,526	1,088	663	1,307	Q	Q	1,410	1,691
One	15,475	1,713	481	201	Q	435	1,461	1,739
2 to 4	15,082	4,477	Q	Q	Q	263	1,405	654
5 to 9	5,515	1,674	N	N	187	171	Q	Q
10 or More	10,185	922	N	N	1,507	235	Q	Q
Energy-Related Space Functions (more than one may apply)								
Commercial Food Preparation	22,223	6,402	677	1,611	1,819	Q	3,184	771
Activities with Large Amounts of Hot Water	19,482	4,524	Q	1,009	1,760	172	4,630	421
Separate Computer Area	26,873	7,518	Q	Q	1,598	375	2,227	652
HVAC Conservation Features (more than one may apply)								
Variable Air-Volume System	19,597	4,050	Q	350	1,446	439	1,459	448
Economizer Cycle	21,108	4,284	Q	335	1,337	421	1,813	1,049
HVAC Maintenance	51,163	8,954	894	1,289	1,856	1,091	4,491	3,127
Energy Management and Control System (EMCS)	15,630	5,073	Q	Q	775	267	643	740

CONTINUED

Table B12. Selected Principal Building Activity: Part 1, Floorspace for Non-Mall Buildings, 2003

	Total Floorspace (million square feet)							
	All Buildings*	Principal Building Activity						
		Education	Food Sales	Food Service	Health Care		Lodging	Retail (Other Than Mall)
				Inpatient	Outpatient			
All Buildings*	64,783	9,874	1,255	1,654	1,905	1,258	5,096	4,317
Window and Interior Lighting Features (more than one may apply)								
Multipaned Windows	38,910	6,496	738	979	1,659	836	3,892	2,210
Tinted Window Glass	29,887	4,468	333	586	1,569	710	2,052	1,864
Reflective Window Glass	8,544	1,274	Q	137	790	169	587	478
External Overhangs or Awnings	17,242	2,623	465	848	810	306	1,934	1,916
Skylights or Atriums	12,546	2,457	Q	Q	861	247	1,589	765
Daylighting Sensors	2,868	473	Q	Q	304	Q	548	Q
Specular Reflectors	26,118	4,383	293	467	1,299	358	2,262	1,236
Electronic Ballasts	46,882	8,358	929	1,100	1,822	944	4,147	2,981
Energy Management and Control System (EMCS) for Lighting	4,781	1,144	Q	Q	Q	Q	Q	406
Equipment Usage Reduced When Building Not In Full Use (more than one may apply)^a								
Heating	42,722	8,313	465	1,091	833	853	2,656	3,126
Cooling	43,205	8,366	545	1,205	891	871	2,689	3,249
Lighting	46,987	9,430	895	1,507	N	1,148	Q	4,048
Office Equipment	19,397	4,998	198	356	N	456	Q	1,636

See "Guide to the Tables" or "Glossary" for further explanations of the terms used in this table. Both can be accessed from the CBECS web site - <http://www.eia.doe.gov/emeu/cbecs>.

* Figures in this table do not include enclosed malls and strip malls. Mall buildings add an estimated 213 thousand buildings comprising 6.9 billion square feet.

^a The definition for one or more of these row items has changed and may not be directly comparable with past CBECS estimates. See "Guide to the Tables" for discussion of the differences.

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

N=No responding cases in sample.

Notes: • HVAC = Heating, Ventilation, and Air Conditioning. • Due to rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-871A of the 2003 Commercial Buildings Energy Consumption Survey.

Table B13. Selected Principal Activity: Part 2, Number of Buildings for Non-Mall Buildings, 2003

	Number of Buildings (thousand)						
	All Buildings*	Principal Building Activity					
		Office	Public Assembly	Public Order and Safety	Religious Worship	Service	Warehouse and Storage
All Buildings*	4,645	824	277	71	370	622	597
Building Floorspace (Square Feet)							
1,001 to 5,000	2,552	503	119	37	152	434	294
5,001 to 10,000	889	127	67	Q	104	100	110
10,001 to 25,000	738	116	69	Q	83	66	130
25,001 to 50,000	241	43	9	Q	27	17	27
50,001 to 100,000	129	17	7	Q	Q	Q	21
100,001 to 200,000	65	11	6	Q	Q	Q	8
200,001 to 500,000	25	5	Q	Q	Q	Q	4
Over 500,000	7	2	Q	Q	N	Q	Q
Year Constructed							
Before 1920	330	70	31	Q	65	Q	20
1920 to 1945	527	85	36	Q	52	90	39
1946 to 1959	562	75	45	Q	58	59	44
1960 to 1969	579	116	30	Q	54	75	47
1970 to 1979	731	145	44	Q	41	117	78
1980 to 1989	707	153	31	Q	43	108	108
1990 to 1999	876	142	42	21	35	110	164
2000 to 2003	334	39	18	Q	23	42	98
Census Region and Division							
Northeast	726	155	63	23	52	100	65
New England	233	47	Q	Q	Q	Q	Q
Middle Atlantic	493	108	29	Q	41	79	46
Midwest	1,266	231	57	20	107	221	160
East North Central	696	134	25	Q	62	95	95
West North Central	571	97	31	Q	46	126	66
South	1,775	250	92	15	158	198	277
South Atlantic	874	125	44	Q	77	101	125
East South Central	348	41	Q	Q	35	51	58
West South Central	553	84	38	Q	46	46	93
West	878	187	65	Q	53	103	95
Mountain	299	62	Q	Q	Q	42	31
Pacific	580	125	48	Q	33	61	64
Climate Zone: 30-Year Average							
Under 2,000 CDD and --							
More than 7,000 HDD	855	154	66	Q	51	145	106
5,500-7,000 HDD	1,173	219	59	25	116	173	132
4,000-5,499 HDD	673	135	29	Q	39	104	82
Fewer than 4,000 HDD	1,276	195	76	Q	117	156	169
2,000 CDD or More and --							
Fewer than 4,000 HDD	669	122	47	Q	47	44	108
Number of Floors							
One	3,136	441	168	50	193	510	493
Two	1,031	234	81	Q	134	95	84
Three	339	98	16	Q	40	Q	Q
Four to Nine	128	44	11	Q	Q	Q	Q
Ten or More	12	6	Q	Q	N	N	Q

CONTINUED

Table B13. Selected Principal Activity: Part 2, Number of Buildings for Non-Mall Buildings, 2003

	Number of Buildings (thousand)						
	All Buildings*	Principal Building Activity					
		Office	Public Assembly	Public Order and Safety	Religious Worship	Service	Warehouse and Storage
All Buildings*	4,645	824	277	71	370	622	597
Elevators and Escalators (more than one may apply)							
Any Elevators	309	102	19	6	24	Q	11
Number of Elevators							
One	208	67	13	Q	24	Q	9
Two to Five	88	29	6	Q	Q	Q	Q
Six or More	13	6	Q	Q	Q	Q	N
Any Escalators	6	3	Q	Q	N	Q	Q
Number of Workers (main shift)							
Fewer than 5	2,653	255	196	30	283	462	423
5 to 9	778	215	33	Q	42	78	62
10 to 19	563	133	27	Q	31	44	67
20 to 49	398	128	12	Q	10	29	34
50 to 99	147	46	Q	Q	Q	Q	7
100 to 249	77	30	Q	Q	Q	Q	3
250 or More	30	18	Q	Q	Q	Q	Q
Weekly Operating Hours							
Fewer than 40	1,002	62	120	Q	246	77	126
40 to 48	1,117	375	39	Q	32	204	140
49 to 60	1,062	262	34	Q	45	200	133
61 to 84	591	59	42	N	27	78	50
85 to 167	400	28	25	N	8	34	51
Open Continuously	475	38	16	39	Q	29	96
Ownership and Occupancy							
Nongovernment Owned	4,011	742	182	Q	370	542	571
Owner Occupied	1,841	402	114	Q	247	285	175
Nonowner Occupied	2,029	339	68	Q	124	257	396
Unoccupied	141	N	N	N	N	N	N
Government Owned	635	82	94	47	N	80	26
Federal	46	7	Q	Q	N	12	Q
State	164	28	23	Q	N	Q	Q
Local	425	47	67	42	N	42	Q
Vacancy Status							
Completely Vacant	157	N	N	N	N	N	N
Mostly Vacant	25	N	N	N	N	N	N
Partially Vacant	548	140	38	Q	18	62	119
Not At All Vacant	3,915	684	239	69	353	560	478
Number of Establishments							
One	3,754	536	237	57	339	561	518
2 to 5	643	228	35	Q	31	58	74
6 to 10	55	37	Q	Q	N	Q	Q
11 to 20	23	14	Q	Q	Q	Q	Q
More than 20	14	7	Q	N	N	N	Q
Currently Unoccupied	157	N	N	N	N	N	N

CONTINUED

Table B13. Selected Principal Activity: Part 2, Number of Buildings for Non-Mall Buildings, 2003

	Number of Buildings (thousand)						
	Principal Building Activity						
	All Buildings*	Office	Public Assembly	Public Order and Safety	Religious Worship	Service	Warehouse and Storage
All Buildings*	4,645	824	277	71	370	622	597
Multibuilding Facility							
Not Part of a Multibuilding							
Facility	3,169	584	193	59	250	473	295
College or University	83	12	7	N	Q	Q	Q
Primary or Secondary School	254	Q	35	N	N	Q	Q
Office Complex	111	82	Q	N	N	Q	Q
Retail Complex	151	Q	N	N	N	21	Q
Religious Campus or Complex	195	Q	Q	N	120	N	Q
Health Care Complex	39	Q	N	N	N	N	Q
Lodging or Resort Complex	61	Q	Q	N	N	N	Q
Government Complex	87	25	Q	11	N	Q	Q
Other	496	65	15	Q	N	90	233
Predominant Exterior Wall Material							
Brick, Stone or Stucco	2,044	475	129	21	241	140	119
Concrete (Block or Poured)	786	75	48	25	34	149	85
Concrete Panels	131	28	Q	Q	Q	Q	34
Siding or Shingles	779	163	55	Q	74	94	61
Metal Panels	825	60	30	Q	Q	227	289
Window Glass	17	6	N	N	Q	N	N
Other	47	Q	Q	Q	Q	Q	Q
No One Major Type	18	Q	Q	N	N	Q	Q
Predominant Roof Material							
Built-Up	1,036	219	61	17	22	112	79
Shingles (Not Wood)	1,325	248	94	Q	235	129	65
Metal Surfacing	1,288	114	61	22	52	294	396
Synthetic or Rubber	511	113	36	Q	Q	50	34
Slate or Tile	263	65	Q	Q	44	Q	Q
Wooden Materials	122	43	Q	N	Q	Q	Q
Concrete	61	16	Q	Q	Q	Q	Q
Other	16	Q	Q	N	Q	Q	Q
No One Major Type	25	Q	Q	Q	Q	Q	Q
Renovations in Buildings Constructed Before 1980 (more than one may apply)							
Any Type of Renovation							
Since 1980	1,018	193	75	Q	108	111	59
Addition or Annex	256	42	28	Q	24	35	Q
Reduction In Floorspace	22	Q	Q	N	Q	Q	Q
Cosmetic Improvements	741	139	63	Q	80	61	37
Wall or Roof Replacement	370	61	26	Q	45	41	23
Interior Wall							
Re-Configuration	411	103	19	Q	27	44	26
HVAC Equipment Upgrade	442	73	39	Q	48	35	18
Lighting Upgrade	455	94	28	Q	46	41	17
Window Replacement	310	72	18	Q	32	Q	Q
Plumbing System Upgrade	315	49	27	Q	31	Q	Q
Insulation Upgrade	227	51	19	Q	Q	Q	Q
Other Renovation	19	Q	Q	Q	Q	Q	Q
No Renovations Since 1980	1,710	298	110	16	162	251	168
Building Newer than 1980	1,917	333	91	43	100	259	370

CONTINUED

Table B13. Selected Principal Activity: Part 2, Number of Buildings for Non-Mall Buildings, 2003

	Number of Buildings (thousand)						
	All Buildings*	Principal Building Activity					
		Office	Public Assembly	Public Order and Safety	Religious Worship	Service	Warehouse and Storage
All Buildings*	4,645	824	277	71	370	622	597
Energy Sources (more than one may apply)							
Electricity	4,404	824	274	71	370	601	464
Natural Gas	2,391	488	146	36	220	281	187
Fuel Oil	451	65	42	23	38	93	37
District Heat	67	16	6	Q	Q	Q	Q
District Chilled Water	33	9	3	Q	Q	N	Q
Propane	502	39	37	Q	51	92	48
Other	61	Q	Q	Q	N	34	Q
Energy End Uses (more than one may apply)							
Buildings with Space Heating	3,982	802	258	70	359	515	316
Buildings with Cooling	3,625	790	213	61	308	370	266
Buildings with Water Heating	3,472	733	227	70	315	418	243
Buildings with Cooking	801	23	73	14	108	Q	Q
Buildings with Manufacturing	119	19	Q	N	N	Q	44
Buildings with Electricity Generation	149	38	5	19	Q	Q	13
Heating Equipment (more than one may apply)							
Heat Pumps	476	113	24	Q	54	29	32
Packaged Heat Pumps	278	67	Q	Q	31	Q	18
Split-System Heat Pumps	166	42	Q	Q	27	Q	15
Individual Room Heat Pumps	58	8	Q	Q	Q	N	Q
Furnaces	1,864	362	120	41	193	288	156
Individual Space Heaters	819	157	46	Q	71	131	98
District Heat	65	16	6	Q	Q	Q	Q
Boilers	579	123	48	13	73	49	25
Packaged Heating Units	953	214	56	16	63	96	68
Other	205	33	Q	Q	Q	60	Q
Cooling Equipment (more than one may apply)							
Residential-Type Central							
Air Conditioners	1,006	273	63	Q	102	97	91
Heat Pumps	492	107	27	Q	57	33	28
Packaged Heat Pumps	288	65	Q	Q	33	Q	16
Split-System Heat Pumps	174	39	Q	Q	28	Q	Q
Individual Room Heat Pumps	58	8	Q	Q	Q	N	Q
Individual Air Conditioners	742	107	40	20	74	116	48
District Chilled Water	33	9	3	Q	Q	N	Q
Central Chillers	111	29	6	Q	Q	Q	Q
Packaged Air Conditioning							
Units	1,613	339	96	27	138	136	113
Swamp Coolers	122	Q	Q	Q	Q	Q	Q
Other	40	15	Q	N	Q	N	Q
Main Equipment Replaced Since 1990 (more than one may apply)							
Heating	1,197	250	82	Q	130	165	71
Cooling	1,356	295	89	19	135	131	87

CONTINUED

Table B13. Selected Principal Activity: Part 2, Number of Buildings for Non-Mall Buildings, 2003

	Number of Buildings (thousand)						
	All Buildings*	Principal Building Activity					
		Office	Public Assembly	Public Order and Safety	Religious Worship	Service	Warehouse and Storage
All Buildings*	4,645	824	277	71	370	622	597
Office Equipment (more than one may apply)							
Computers	3,081	807	167	62	190	336	253
With Flat Screen Monitors	877	330	41	12	35	66	62
Dedicated Servers	1,175	450	38	17	36	85	118
Laser Printers	1,970	446	120	48	159	220	165
Inkjet Printers	1,420	515	50	26	52	124	125
FAX Machines	2,715	796	107	56	131	281	249
Photocopiers	1,939	655	99	33	187	139	179
Number of Computers							
None	1,565	Q	109	Q	181	286	344
1 to 4	1,670	263	110	40	143	256	127
5 to 9	559	194	21	Q	34	54	56
10 to 19	370	145	17	Q	10	19	48
20 to 49	255	116	13	Q	Q	Q	19
50 to 99	110	45	Q	Q	Q	Q	Q
100 to 249	79	27	Q	Q	Q	Q	Q
250 or More	38	17	Q	Q	N	Q	Q
Number of Dedicated Servers							
None	3,471	374	238	53	334	537	479
1 to 4	1,060	382	33	15	36	81	112
5 to 9	58	29	Q	Q	Q	Q	Q
10 to 19	30	20	Q	Q	Q	Q	Q
20 to 49	17	9	Q	Q	N	N	Q
50 or More	10	8	N	Q	N	N	Q
Number of Photocopiers							
None	2,706	169	177	37	183	483	418
One	1,250	337	68	22	152	117	125
2 to 4	549	241	23	Q	35	18	50
5 to 9	85	41	Q	Q	Q	Q	3
10 or More	54	36	Q	Q	N	Q	Q
Energy-Related Space Functions (more than one may apply)							
Commercial Food Preparation	799	23	73	14	108	Q	Q
Activities with Large Amounts of Hot Water	567	36	53	13	33	50	Q
Separate Computer Area	553	201	36	10	16	19	44
HVAC Conservation Features (more than one may apply)							
Variable Air-Volume System	466	114	26	7	34	30	29
Economizer Cycle	508	124	40	11	24	25	26
HVAC Maintenance	2,581	571	171	54	216	260	189
Energy Management and Control System (EMCS)	252	51	23	Q	Q	Q	8

CONTINUED

Table B13. Selected Principal Activity: Part 2, Number of Buildings for Non-Mall Buildings, 2003

	Number of Buildings (thousand)						
	All Buildings*	Principal Building Activity					
		Office	Public Assembly	Public Order and Safety	Religious Worship	Service	Warehouse and Storage
All Buildings*	4,645	824	277	71	370	622	597
Window and Interior Lighting Features (more than one may apply)							
Multipaned Windows	2,201	479	127	46	192	267	170
Tinted Window Glass	1,323	268	55	22	162	144	104
Reflective Window Glass	308	73	21	Q	17	38	29
External Overhangs or Awnings	1,233	242	67	Q	77	132	82
Skylights or Atriums	331	66	13	Q	16	66	39
Daylighting Sensors	74	17	Q	Q	Q	Q	Q
Specular Reflectors	928	219	60	23	73	136	77
Electronic Ballasts	2,577	507	153	47	196	354	222
Energy Management and Control System (EMCS) for Lighting	60	12	Q	Q	Q	Q	Q
Equipment Usage Reduced When Building Not In Full Use (more than one may apply)^a							
Heating	2,878	539	214	38	336	368	229
Cooling	2,761	570	175	38	288	303	199
Lighting	3,685	766	242	22	354	538	356
Office Equipment	1,504	371	90	Q	133	174	142

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/cbeecs>.

* Figures in this table do not include enclosed malls and strip malls. Mall buildings add an estimated 213 thousand buildings comprising 6.9 billion square feet.

^a The definition for one or more of these row items has changed and may not be directly comparable with past CBECS estimates. See "Guide to the Tables" for discussion of the differences.

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

N=No responding cases in sample.

Notes: • HVAC = Heating, Ventilation, and Air Conditioning. • Due to rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-871A of the 2003 Commercial Buildings Energy Consumption Survey.

Table B14. Selected Principal Activity: Part 2, Floorspace for Non-Mall Buildings, 2003

	Total Floorspace (million square feet)						
	All Buildings*	Principal Building Activity					Warehouse and Storage
		Office	Public Assembly	Public Order and Safety	Religious Worship	Service	
All Buildings*	64,783	12,208	3,939	1,090	3,754	4,050	10,078
Building Floorspace (Square Feet)							
1,001 to 5,000	6,789	1,382	336	122	416	1,034	895
5,001 to 10,000	6,585	938	518	Q	744	722	868
10,001 to 25,000	11,535	1,887	1,077	Q	1,235	1,021	2,064
25,001 to 50,000	8,668	1,506	301	Q	930	560	1,043
50,001 to 100,000	9,057	1,209	474	Q	Q	Q	1,494
100,001 to 200,000	9,064	1,428	868	Q	Q	Q	1,162
200,001 to 500,000	7,176	1,493	Q	Q	Q	Q	1,322
Over 500,000	5,908	2,365	Q	Q	N	Q	Q
Year Constructed							
Before 1920	3,769	749	323	Q	586	Q	254
1920 to 1945	6,871	1,186	353	Q	334	473	1,208
1946 to 1959	7,045	917	780	Q	603	440	567
1960 to 1969	8,101	1,335	408	Q	502	447	1,051
1970 to 1979	10,772	2,162	594	Q	412	996	1,462
1980 to 1989	10,332	3,296	448	Q	414	511	1,501
1990 to 1999	12,360	1,913	734	327	566	777	2,723
2000 to 2003	5,533	650	301	Q	338	263	1,312
Census Region and Division							
Northeast	12,905	3,012	1,048	362	627	740	1,523
New England	2,964	578	Q	Q	Q	Q	Q
Middle Atlantic	9,941	2,434	769	Q	474	620	1,112
Midwest	17,080	2,989	1,012	221	1,115	1,289	3,017
East North Central	11,595	2,190	635	Q	720	775	2,023
West North Central	5,485	799	377	Q	395	514	994
South	23,489	3,782	1,174	373	1,498	1,358	3,966
South Atlantic	12,258	1,958	440	Q	721	753	1,836
East South Central	3,393	481	Q	Q	310	307	390
West South Central	7,837	1,343	498	Q	467	298	1,740
West	11,310	2,425	706	Q	515	664	1,572
Mountain	3,675	629	Q	Q	Q	345	506
Pacific	7,635	1,796	468	Q	341	319	1,066
Climate Zone: 30-Year Average							
Under 2,000 CDD and --							
More than 7,000 HDD	10,622	1,593	876	Q	408	944	1,704
5,500-7,000 HDD	17,335	3,165	818	360	1,320	1,185	2,639
4,000-5,499 HDD	11,504	3,125	806	Q	499	644	1,479
Fewer than 4,000 HDD	15,739	2,341	910	Q	1,039	969	2,419
2,000 CDD or More and --							
Fewer than 4,000 HDD	9,584	1,985	529	Q	488	308	1,836
Number of Floors							
One	25,981	2,460	1,448	371	1,255	2,713	6,637
Two	16,270	2,269	1,428	Q	1,613	1,000	2,684
Three	7,501	1,810	308	Q	737	Q	Q
Four to Nine	10,085	2,644	693	Q	Q	Q	Q
Ten or More	4,947	3,025	Q	Q	N	N	Q

CONTINUED

Table B14. Selected Principal Activity: Part 2, Floorspace for Non-Mall Buildings, 2003

	Total Floorspace (million square feet)						
	All Buildings*	Principal Building Activity					Warehouse and Storage
		Office	Public Assembly	Public Order and Safety	Religious Worship	Service	
All Buildings*	64,783	12,208	3,939	1,090	3,754	4,050	10,078
Elevators and Escalators (more than one may apply)							
Any Elevators	24,617	7,721	1,256	600	669	Q	1,347
Number of Elevators							
One	8,221	1,725	459	Q	556	Q	732
Two to Five	10,129	2,832	696	Q	Q	Q	Q
Six or More	6,268	3,164	Q	Q	Q	Q	N
Any Escalators	2,350	1,143	Q	Q	N	Q	Q
Number of Workers (main shift)							
Fewer than 5	15,492	767	1,381	145	2,117	1,612	3,433
5 to 9	6,166	964	443	Q	582	513	807
10 to 19	7,803	848	588	Q	646	747	1,545
20 to 49	10,989	1,755	836	Q	246	597	1,843
50 to 99	7,934	1,291	Q	Q	Q	Q	1,025
100 to 249	6,871	1,663	Q	Q	Q	Q	585
250 or More	9,528	4,920	Q	Q	Q	Q	Q
Weekly Operating Hours							
Fewer than 40	6,863	221	679	Q	1,612	180	799
40 to 48	11,622	3,366	Q	Q	417	1,057	1,887
49 to 60	15,723	4,392	545	Q	751	1,236	3,224
61 to 84	10,334	2,009	648	N	488	796	1,323
85 to 167	7,092	504	1,012	N	361	194	1,557
Open Continuously	13,149	1,717	445	552	Q	586	1,288
Ownership and Occupancy							
Nongovernment Owned	49,421	10,515	2,189	Q	3,754	3,018	9,371
Owner Occupied	23,591	5,571	1,204	Q	2,804	1,680	3,736
Nonowner Occupied	23,914	4,944	984	Q	950	1,338	5,635
Unoccupied	1,916	N	N	N	N	N	N
Government Owned	15,363	1,693	1,751	967	N	1,032	Q
Federal	1,956	482	Q	Q	N	533	Q
State	3,808	531	726	Q	N	Q	Q
Local	9,599	680	977	853	N	293	Q
Vacancy Status							
Completely Vacant	2,161	N	N	N	N	N	N
Mostly Vacant	406	N	N	N	N	N	N
Partially Vacant	12,382	5,600	510	Q	282	350	1,928
Not At All Vacant	49,834	6,608	3,429	966	3,472	3,700	8,150
Number of Establishments							
One	45,144	4,894	3,110	643	3,272	3,509	7,560
2 to 5	10,960	2,709	677	Q	479	465	2,034
6 to 10	1,958	1,144	Q	Q	N	Q	Q
11 to 20	1,951	1,332	Q	Q	Q	Q	Q
More than 20	2,609	2,129	Q	N	N	N	Q
Currently Unoccupied	2,161	N	N	N	N	N	N

Table B14. Selected Principal Activity: Part 2, Floorspace for Non-Mall Buildings, 2003

	Total Floorspace (million square feet)						
	All Buildings*	Principal Building Activity					Warehouse and Storage
		Office	Public Assembly	Public Order and Safety	Religious Worship	Service	
All Buildings*	64,783	12,208	3,939	1,090	3,754	4,050	10,078
Multibuilding Facility							
Not Part of a Multibuilding							
Facility	40,048	8,186	2,397	549	2,446	3,009	6,204
College or University	3,480	345	677	N	Q	Q	Q
Primary or Secondary School	3,947	Q	268	N	N	Q	Q
Office Complex	2,712	2,239	Q	N	N	Q	Q
Retail Complex	1,238	Q	N	N	N	157	Q
Religious Campus or Complex	2,347	Q	Q	N	1,287	N	Q
Health Care Complex	2,303	Q	N	N	N	N	Q
Lodging or Resort Complex	912	Q	Q	N	N	N	Q
Government Complex	2,014	579	Q	496	N	Q	Q
Other	5,783	564	326	Q	N	596	2,932
Predominant Exterior Wall Material							
Brick, Stone or Stucco	32,817	6,508	2,335	634	2,805	1,089	2,499
Concrete (Block or Poured)	10,832	1,216	629	247	332	1,033	1,742
Concrete Panels	6,559	1,815	Q	Q	Q	Q	1,963
Siding or Shingles	4,120	627	272	Q	413	329	570
Metal Panels	7,912	767	368	Q	Q	1,205	3,219
Window Glass	1,024	663	N	N	Q	N	N
Other	1,113	504	Q	Q	Q	Q	Q
No One Major Type	406	Q	Q	N	N	Q	Q
Predominant Roof Material							
Built-Up	21,170	4,899	931	386	440	829	2,803
Shingles (Not Wood)	10,195	1,551	703	Q	2,024	499	667
Metal Surfacing	11,944	939	775	209	456	1,627	4,174
Synthetic or Rubber	14,730	3,472	922	Q	Q	851	1,536
Slate or Tile	2,462	537	Q	Q	458	Q	Q
Wooden Materials	887	189	Q	N	Q	Q	Q
Concrete	2,231	437	Q	Q	Q	Q	Q
Other	598	Q	Q	N	Q	Q	Q
No One Major Type	565	Q	Q	Q	Q	Q	Q
Renovations in Buildings Constructed Before 1980 (more than one may apply)							
Any Type of Renovation							
Since 1980	17,844	3,270	1,257	Q	1,214	895	1,695
Addition or Annex	6,551	444	870	Q	428	348	Q
Reduction In Floorspace	1,012	Q	Q	N	Q	Q	Q
Cosmetic Improvements	13,119	2,663	1,026	Q	810	545	979
Wall or Roof Replacement	8,070	1,607	773	Q	450	230	831
Interior Wall							
Re-Configuration	8,518	2,083	638	Q	312	315	897
HVAC Equipment Upgrade	10,768	2,287	574	Q	578	302	844
Lighting Upgrade	10,275	2,019	810	Q	489	452	783
Window Replacement	6,354	1,248	Q	Q	451	Q	Q
Plumbing System Upgrade	7,144	1,421	738	Q	392	Q	Q
Insulation Upgrade	4,015	938	277	Q	Q	Q	Q
Other Renovation	523	Q	Q	Q	Q	Q	Q
No Renovations Since 1980	18,714	3,079	1,200	361	1,222	1,605	2,848
Building Newer than 1980	28,225	5,859	1,483	608	1,318	1,551	5,535

Table B14. Selected Principal Activity: Part 2, Floorspace for Non-Mall Buildings, 2003

	Total Floorspace (million square feet)						
	All Buildings*	Principal Building Activity					
		Office	Public Assembly	Public Order and Safety	Religious Worship	Service	Warehouse and Storage
All Buildings*	64,783	12,208	3,939	1,090	3,754	4,050	10,078
Energy Sources (more than one may apply)							
Electricity	63,307	12,208	3,935	1,090	3,754	3,982	9,425
Natural Gas	43,468	8,208	2,723	637	2,629	2,496	5,494
Fuel Oil	15,157	4,075	939	620	453	626	1,268
District Heat	5,443	1,569	547	Q	Q	Q	Q
District Chilled Water	2,853	730	458	Q	Q	N	Q
Propane	7,076	368	393	Q	381	557	2,217
Other	909	Q	Q	Q	N	292	Q
Energy End Uses (more than one may apply)							
Buildings with Space Heating	60,028	11,929	3,777	1,083	3,581	3,687	8,126
Buildings with Cooling	56,940	12,032	3,477	1,043	3,301	3,261	7,295
Buildings with Water Heating	56,478	11,804	3,632	957	3,512	3,320	6,624
Buildings with Cooking	22,237	3,077	1,506	543	1,552	Q	Q
Buildings with Manufacturing	3,138	469	Q	N	N	Q	1,627
Buildings with Electricity Generation	12,821	4,211	537	606	Q	Q	721
Heating Equipment (more than one may apply)							
Heat Pumps	8,814	1,795	409	Q	577	457	913
Packaged Heat Pumps	5,442	1,260	Q	Q	350	Q	439
Split-System Heat Pumps	2,581	422	Q	Q	291	Q	556
Individual Room Heat Pumps	2,691	506	Q	Q	Q	N	Q
Furnaces	19,615	2,405	1,028	260	1,945	1,974	3,757
Individual Space Heaters	12,545	2,186	677	Q	875	1,010	2,457
District Heat	5,166	1,526	530	Q	Q	Q	Q
Boilers	20,423	4,117	1,421	437	1,148	791	1,031
Packaged Heating Units	18,021	3,754	879	328	733	957	3,118
Other	3,262	970	Q	Q	Q	393	Q
Cooling Equipment (more than one may apply)							
Residential-Type Central							
Air Conditioners	11,035	1,669	532	Q	946	1,071	1,861
Heat Pumps	9,041	1,854	473	Q	612	496	981
Packaged Heat Pumps	5,426	1,259	Q	Q	372	Q	457
Split-System Heat Pumps	2,606	434	Q	Q	305	Q	Q
Individual Room Heat Pumps	2,940	615	Q	Q	Q	N	Q
Individual Air Conditioners	12,558	1,201	951	372	847	802	1,440
District Chilled Water	2,853	730	458	Q	Q	N	Q
Central Chillers	11,636	3,839	423	Q	Q	Q	Q
Packaged Air Conditioning							
Units	29,969	6,171	1,684	438	1,849	1,466	4,453
Swamp Coolers	1,561	Q	Q	Q	Q	Q	Q
Other	1,232	439	Q	N	Q	N	Q
Main Equipment Replaced Since 1990 (more than one may apply)							
Heating	16,403	3,137	1,067	Q	1,239	1,269	1,964
Cooling	20,995	4,573	1,435	256	1,360	1,352	2,283

Table B14. Selected Principal Activity: Part 2, Floorspace for Non-Mall Buildings, 2003

	Total Floorspace (million square feet)						
	All Buildings*	Principal Building Activity					Warehouse and Storage
		Office	Public Assembly	Public Order and Safety	Religious Worship	Service	
All Buildings*	64,783	12,208	3,939	1,090	3,754	4,050	10,078
Office Equipment (more than one may apply)							
Computers	55,627	12,165	3,199	1,052	2,695	3,293	7,710
With Flat Screen Monitors	26,417	8,615	1,354	547	629	1,133	2,202
Dedicated Servers	36,338	9,932	1,454	685	867	1,679	5,072
Laser Printers	33,012	5,997	2,058	656	2,229	2,114	4,455
Inkjet Printers	32,210	9,510	1,524	528	919	1,875	4,398
FAX Machines	52,373	12,067	2,690	1,010	2,149	2,999	7,330
Photocopiers	46,257	11,387	2,472	831	2,614	2,136	6,208
Number of Computers							
None	9,156	Q	740	Q	1,060	758	2,367
1 to 4	12,395	799	1,412	257	1,330	1,497	1,913
5 to 9	7,179	974	377	Q	769	837	1,405
10 to 19	6,610	958	414	Q	327	433	1,625
20 to 49	7,414	1,757	441	Q	Q	Q	1,529
50 to 99	5,376	1,281	Q	Q	Q	Q	Q
100 to 249	6,690	1,655	Q	Q	Q	Q	Q
250 or More	9,963	4,741	Q	Q	N	Q	Q
Number of Dedicated Servers							
None	28,445	2,276	2,485	405	2,887	2,372	5,006
1 to 4	24,116	4,027	1,138	432	840	1,374	3,721
5 to 9	3,864	1,277	Q	Q	Q	Q	Q
10 to 19	3,027	1,175	Q	Q	Q	Q	Q
20 to 49	2,583	1,387	Q	Q	N	N	Q
50 or More	2,748	2,066	N	Q	N	N	Q
Number of Photocopiers							
None	18,526	821	1,467	259	1,141	1,914	3,870
One	15,475	1,743	1,306	167	1,731	1,481	2,615
2 to 4	15,082	2,644	568	Q	784	396	2,477
5 to 9	5,515	1,412	Q	Q	Q	Q	531
10 or More	10,185	5,589	Q	Q	N	Q	Q
Energy-Related Space Functions (more than one may apply)							
Commercial Food Preparation	22,223	3,077	1,506	543	1,552	Q	Q
Activities with Large Amounts of Hot Water	19,482	2,299	1,574	424	775	514	Q
Separate Computer Area	26,873	7,859	910	544	528	608	2,886
HVAC Conservation Features (more than one may apply)							
Variable Air-Volume System	19,597	5,973	1,084	537	609	699	1,393
Economizer Cycle	21,108	6,022	1,392	452	432	699	1,475
HVAC Maintenance	51,163	10,888	3,272	988	2,744	2,450	6,811
Energy Management and Control System (EMCS)	15,630	4,792	998	Q	Q	Q	795

CONTINUED

Table B14. Selected Principal Activity: Part 2, Floorspace for Non-Mall Buildings, 2003

	Total Floorspace (million square feet)						
	All Buildings*	Principal Building Activity					
		Office	Public Assembly	Public Order and Safety	Religious Worship	Service	Warehouse and Storage
All Buildings*	64,783	12,208	3,939	1,090	3,754	4,050	10,078
Window and Interior Lighting Features (more than one may apply)							
Multipaned Windows	38,910	7,897	2,466	774	2,492	1,948	4,329
Tinted Window Glass	29,887	7,278	1,283	525	1,686	1,495	4,158
Reflective Window Glass	8,544	2,558	360	Q	248	459	925
External Overhangs							
or Awnings	17,242	2,579	1,063	Q	987	1,038	2,098
Skylights or Atriums	12,546	2,510	650	Q	413	578	1,714
Daylighting Sensors	2,868	618	Q	Q	Q	Q	Q
Specular Reflectors	26,118	6,775	1,271	424	1,105	1,378	3,529
Electronic Ballasts	46,882	10,116	2,561	902	2,175	2,676	6,365
Energy Management and Control System (EMCS)							
for Lighting	4,781	1,913	Q	Q	Q	Q	Q
Equipment Usage Reduced When Building Not In Full Use (more than one may apply)^a							
Heating	42,722	8,982	3,012	689	3,223	2,483	4,927
Cooling	43,205	9,407	2,920	687	3,005	2,545	5,208
Lighting	46,987	10,217	3,371	483	3,546	3,220	7,777
Office Equipment	19,397	3,337	1,367	Q	1,671	1,291	3,077

See "Guide to the Tables" or "Glossary" for further explanations of the terms used in this table. Both can be accessed from the CBECS web site - <http://www.eia.doe.gov/emeu/cbecs>.

* Figures in this table do not include enclosed malls and strip malls. Mall buildings add an estimated 213 thousand buildings comprising 6.9 billion square feet.

^a The definition for one or more of these row items has changed and may not be directly comparable with past CBECS estimates. See "Guide to the Tables" for discussion of the differences.

Q=Data withheld because the Relative Standard Error (RSE) was greater than 50 percent, or fewer than 20 buildings were sampled. N=No responding cases in sample.

Notes: • HVAC = Heating, Ventilation, and Air Conditioning. • Due to rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-871A of the 2003 Commercial Buildings Energy Consumption Survey.