

**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		
<b>All Buildings*</b> .....	4,645	386	226	297	8	121	142	443
<b>Building Floorspace (Square Feet)</b>								
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
<b>Year Constructed</b>								
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
<b>Census Region and Division</b>								
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
<b>Climate Zone: 30-Year Average</b>								
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
<b>Number of Floors</b>								
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

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		Education	Food Sales	Food Service	Health Care		Lodging	
				Inpatient	Outpatient			
<b>All Buildings*</b> .....	4,645	386	226	297	8	121	142	443
<b>Elevators and Escalators (more than one may apply)</b>								
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
<b>Number of Workers (main shift)</b>								
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
<b>Weekly Operating Hours</b>								
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
<b>Ownership and Occupancy</b>								
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
<b>Vacancy Status</b>								
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
<b>Number of Establishments</b>								
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

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	Number of Buildings (thousand)							
	All Buildings*	Principal Building Activity						Retail (Other Than Mall)
		Education	Food Sales	Food Service	Health Care		Lodging	
				Inpatient	Outpatient			
<b>All Buildings*</b> .....	4,645	386	226	297	8	121	142	443
<b>Multibuilding Facility</b>								
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
<b>Predominant Exterior</b>								
<b>Wall Material</b>								
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
<b>Predominant Roof Material</b>								
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
<b>Renovations in Buildings</b>								
<b>Constructed Before 1980</b>								
<b>(more than one may apply)</b>								
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

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		Education	Food Sales	Food Service	Health Care		Lodging	
				Inpatient	Outpatient			
<b>All Buildings*</b> .....	4,645	386	226	297	8	121	142	443
<b>Energy Sources (more than one may apply)</b>								
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
<b>Energy End Uses (more than one may apply)</b>								
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
<b>Heating Equipment (more than one may apply)</b>								
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
<b>Cooling Equipment (more than one may apply)</b>								
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
<b>Main Equipment Replaced Since 1990 (more than one may apply)</b>								
Heating .....	1,197	82	53	81	2	40	56	128
Cooling .....	1,356	109	75	98	4	41	63	170

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		Education	Food Sales	Food Service	Health Care		Lodging	Retail (Other Than Mall)
					Inpatient	Outpatient		
<b>All Buildings*</b> .....	4,645	386	226	297	8	121	142	443
<b>Office Equipment (more than one may apply)</b>								
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
<b>Number of Computers</b>								
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
<b>Number of Dedicated Servers</b>								
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
<b>Number of Photocopiers</b>								
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
<b>Energy-Related Space Functions (more than one may apply)</b>								
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
<b>HVAC Conservation Features (more than one may apply)</b>								
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

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		Education	Food Sales	Food Service	Health Care		Lodging	
				Inpatient	Outpatient			
<b>All Buildings*</b> .....	4,645	386	226	297	8	121	142	443
<b>Window and Interior Lighting Features (more than one may apply)</b>								
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
<b>Equipment Usage Reduced When Building Not In Full Use (more than one may apply)<sup>a</sup></b>								
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.

<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.