

Table B45. Refrigeration Equipment, Number of Buildings for Non-Mall Buildings, 2003

	Number of Buildings (thousand)							
	All Buildings*	Buildings with Any Refrigeration Equipment	Type of Equipment (more than one may apply)					
			Commercial Refrigeration				Other Refrigeration	
			Any	Walk-In Units	Open Cases or Cabinets	Closed Cases or Cabinets	Residential-Type Units	Vending Machines
All Buildings*	4,645	3,176	1,007	666	308	696	2,370	996
Building Floorspace (Square Feet)								
1,001 to 5,000	2,552	1,591	486	332	142	353	1,159	268
5,001 to 10,000	889	642	188	124	65	117	494	181
10,001 to 25,000	738	548	138	75	40	103	427	250
25,001 to 50,000	241	196	78	44	19	53	148	134
50,001 to 100,000	129	114	60	44	19	34	81	89
100,001 to 200,000	65	58	36	29	13	23	41	48
200,001 to 500,000	25	21	16	14	7	9	16	19
Over 500,000	7	6	5	5	3	3	4	6
Principal Building Activity								
Education	386	254	93	59	31	54	203	113
Food Sales	226	212	205	167	93	159	48	56
Food Service	297	296	283	239	90	219	118	53
Health Care	129	116	23	14	7	11	110	25
Inpatient	8	8	8	7	4	5	7	7
Outpatient	121	108	15	Q	Q	6	103	18
Lodging	142	126	42	26	6	29	107	75
Retail (Other Than Mall).....	443	319	98	47	25	65	215	95
Office	824	643	53	17	22	25	577	194
Public Assembly	277	210	74	40	9	51	152	55
Public Order and Safety	71	67	13	Q	Q	Q	56	38
Religious Worship	370	271	41	Q	Q	31	255	31
Service	622	362	Q	Q	Q	Q	298	145
Warehouse and Storage	597	225	47	34	Q	15	173	93
Other	79	51	14	10	Q	12	41	19
Vacant	182	24	Q	Q	Q	Q	Q	Q
Year Constructed								
Before 1920	330	243	77	52	23	61	201	40
1920 to 1945	527	342	111	61	33	81	256	93
1946 to 1959	562	401	140	71	35	97	308	114
1960 to 1969	579	396	112	78	37	81	300	156
1970 to 1979	731	511	155	109	39	101	379	175
1980 to 1989	707	487	145	109	46	97	365	148
1990 to 1999	876	598	189	129	64	129	428	205
2000 to 2003	334	199	78	58	30	49	134	65
Census Region and Division								
Northeast	726	518	177	119	48	127	398	156
New England	233	164	58	44	19	42	136	51
Middle Atlantic	493	355	119	75	29	85	262	104
Midwest	1,266	872	287	182	75	210	660	267
East North Central	696	496	189	121	48	135	353	155
West North Central	571	377	98	62	27	75	307	112
South	1,775	1,203	367	244	132	252	860	397
South Atlantic	874	607	191	127	75	130	419	194
East South Central	348	238	63	40	18	43	175	90
West South Central	553	358	113	76	39	78	266	113
West	878	583	176	122	53	107	452	176
Mountain	299	202	54	39	14	30	166	75
Pacific	580	381	122	83	39	76	287	101

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All Buildings*	4,645	3,176	1,007	666	308	696	2,370	996
Climate Zone: 30-Year Average								
Under 2,000 CDD and --								
More than 7,000 HDD	855	591	184	130	50	137	470	184
5,500-7,000 HDD	1,173	801	278	189	78	185	597	252
4,000-5,499 HDD	673	502	151	92	43	105	374	167
Fewer than 4,000 HDD	1,276	832	254	157	84	170	593	245
2,000 CDD or More and --								
Fewer than 4,000 HDD	669	451	141	98	53	98	336	148
Number of Floors								
One	3,136	1,992	626	440	201	426	1,446	553
Two	1,031	787	232	140	66	158	612	276
Three	339	276	92	49	26	72	220	97
Four to Nine	128	110	50	33	12	34	85	61
Ten or More	12	11	7	5	4	5	7	9
Number of Workers (main shift)								
Fewer than 5	2,653	1,494	438	248	111	313	1,123	272
5 to 9	778	629	179	126	52	134	471	176
10 to 19	563	474	146	108	51	93	357	165
20 to 49	398	346	126	90	41	86	255	194
50 to 99	147	132	62	49	25	36	93	103
100 to 249	77	73	39	32	21	23	50	61
250 or More	30	28	17	13	8	11	20	25
Weekly Operating Hours								
Fewer than 40	1,002	483	88	40	20	54	421	54
40 to 48	1,117	771	105	53	31	66	663	211
49 to 60	1,062	782	168	100	40	105	626	259
61 to 84	591	490	235	142	72	174	316	198
85 to 167	400	336	263	229	95	190	127	117
Open Continuously	475	314	146	104	50	107	216	157
Multibuilding Facility								
Not Part of a Multibuilding								
Facility	3,169	2,372	819	553	256	576	1,702	675
College or University	83	59	15	11	3	10	40	42
Primary or Secondary School	254	119	46	37	11	27	88	54
Office Complex	111	77	15	6	10	5	61	28
Retail Complex	151	83	25	Q	Q	18	66	45
Religious Campus or Complex	195	131	25	Q	Q	18	124	19
Health Care Complex	39	32	11	8	3	8	31	18
Lodging or Resort Complex	61	52	14	Q	Q	13	37	21
Government Complex	87	53	8	Q	Q	Q	44	27
Other	496	200	30	17	Q	15	177	68

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All Buildings*	4,645	3,176	1,007	666	308	696	2,370	996
Energy Sources (more than one may apply)								
Electricity	4,404	3,176	1,007	666	308	696	2,370	996
Natural Gas	2,391	1,892	666	450	190	473	1,375	656
Fuel Oil	451	361	121	80	35	83	294	134
District Heat	67	51	13	9	5	10	36	36
District Chilled Water	33	25	8	6	3	6	17	19
Propane	502	396	149	97	44	104	307	135
Other	132	93	16	10	5	12	82	34
Energy End Uses (more than one may apply)								
Buildings with Space Heating	3,982	3,014	934	619	287	645	2,278	953
Buildings with Cooling	3,625	2,848	943	631	286	655	2,106	915
Buildings with Water Heating	3,472	2,828	947	632	285	653	2,113	895
Buildings with Cooking	801	797	590	454	181	431	479	256
Buildings with Manufacturing	119	96	20	17	Q	11	82	42
Buildings with Electricity Generation	149	136	67	51	27	41	109	100
Energy-Related Space Functions (more than one may apply)								
Commercial Food Preparation	799	797	590	454	181	431	479	256
Activities with Large Amounts of Hot Water	567	527	330	249	107	231	329	237
Separate Computer Area	553	470	165	115	58	102	372	283

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.

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.