Release date: April 2015 Revised date: May 2016

Table B46. Refrigeration equipment, floorspace, 2012

		_	may apply)					
		Buildings with any						Resid-	Vending mach- ines
		refrig-					Comm-	ential-	
		eration		Open		Large cold	ercial	type or compact units	
	All buildings	equip- ment	Walk-in units	cases or cabinets	cases or cabinets	storage areas	ice makers		
All buildings	87,093	73,645	28,361	13,712	25,988	4,171	32,734	62,381	43,936
Building floorspace (square feet)									
1,001 to 5,000	8,041	5,448	1,039	294	1,034	Q	851	4,571	531
5,001 to 10,000	8,900	6,565	1,103	428	1,175	Q	1,248	5,741	1,252
10,001 to 25,000	14,105	11,012	1,837	774	2,086		2,424	9,307	3,940
25,001 to 50,000	11,917	9,901	2,247	826	2,486	Q Q	3,017	8,558	5,558
50,001 to 100,000	13,918	12,334	5,193	2,077	4,305	718	6,276	10,393	8,174
100,001 to 200,000	12,415	11,371	5,729	2,799	4,901	825	6,236	9,530	9,288
200,001 to 500,000 Over 500,000	10,724 7,074	10,080 6,935	6,233 4,981	3,594 2,921	5,716 4,286	1,139 804	7,022 5,660	8,371 5,910	8,881 6,311
	.,,,,	0,333	.,,502		.,,200				
Principal building activity Education	12,239	11,319	7,060	2,072	5,176	Q	6,152	8,956	7,666
Food sales	1,252	1,248	1,026	848	1,014	285	688	505	670
Food service	1,819	1,819	1,524	373	1,135	Q	1,338	929	207
Health care	4,155	4,060	2,332	1,508	2,082	319	2,891	3,678	3,232
Inpatient	2,374	2,374	2,216	1,430	1,753	313	2,293	2,059	2,297
Outpatient	1,781	1,686	2,210 Q	1,430 Q	329	Q	598	1,619	936
Lodging	5,826	5,713	3,126	898	2,535	Q	4,303	4,554	4,286
Mercantile	11,330	10,328	6,088	4,785	6,465	1,200	5,554	8,831	7,074
Retail (other than mall)	5,439	4,447	1,466	1,249	1,756	Q 018	1,141	3,180	2,399
Enclosed and strip malls	5,890	5,881	4,622	3,536	4,709	918	4,414	5,651	4,675
Office	15,952	13,979	3,419	1,878	3,394	Q	5,458	12,888	8,853
Public assembly	5,559	4,956	1,545	816	1,495	Q	2,189	4,309	2,714
Public order and safety	1,440	1,384	Q	Q	Q	Q	521	1,203	944
Religious worship	4,557	4,243	Q	Q	775	Q	1,064	3,789	449
Service	4,630	3,626	Q	N	Q	N	Q	3,145	1,710
Warehouse and storage	13,077	8,584	848	Q	842	883	1,695	7,545	4,998
Other Vacant	2,002 3,256	1,716 670	369 Q	Q Q	398 Q	Q N	301 Q	1,513 536	936 Q
Year constructed									
Before 1920	3,983	3,015	667	337	757	Q	741	2,569	1,169
1920 to 1945	6,025	4,839	1,591	743	1,691	Q	1,595	4,003	2,114
1946 to 1959	7,381	6,269	2,104	689	1,743	Q	2,350	5,336	3,648
1960 to 1969	10,362	8,963	3,574	1,432	2,926	387	3,650	7,745	5,235
1970 to 1979	10,846	9,062				497		7,743	5,659
1980 to 1989	15,230	12,812	4,015 5 184	1,832 2,390	3,643	829	4,044 6.287	10,950	
1990 to 1999	13,803	11,609	5,184		4,445	688	6,287 5,983	9,498	8,021
			4,937	2,590	4,303				7,222
2000 to 2003	7,215	6,446	2,184	1,021	2,251	418	3,015	5,535	4,228
2004 to 2007	6,524	5,635	2,390	1,535	2,102	520	2,628	4,597	3,530
2008 to 2012	5,723	4,995	1,715	1,144	2,127	Q	2,441	4,376	3,109

Table B46. Refrigeration equipment, floorspace, 2012

		1	ore than one	n one may apply)					
	All buildings	Buildings with any refrig- eration equip- ment	Walk-in units	Open cases or cabinets	Closed cases or cabinets	Large cold storage areas	Comm- ercial ice makers	Resid- ential- type or compact units	Vending mach- ines
All buildings	87,093	73,645	28,361	13,712	25,988	4,171	32,734	62,381	43,936
Census region and division									
Northeast	15,534	13,612	5,870	2,771	5,523	569	5,573	11,436	8,448
New England	4,302	3,568	1,424	539	1,444	Q	1,240	3,081	1,902
Middle Atlantic	11,232	10,044	4,445	2,232	4,080	430	4,333	8,354	6,546
Midwest	18,919	16,570	6,331	2,779	6,300	972	6,598	14,257	9,673
East North Central	12,742	11,374	4,481	1,959	4,475	695	4,666	9,850	6,685
West North Central	6,178	5,196	1,850	821	1,825	Q	1,932	4,407	2,988
South	34,279	28,755	10,777	5,224	9,239	1,700	14,516	24,189	17,627
South Atlantic	17,981	15,268	6,399	3,134	4,938	1,049	7,957	13,129	9,706
East South Central	4,904	4,498		698		1,049 Q		3,747	
West South Central	11,394	8,989	1,199	1,392	1,531 2,770	316	2,457	7,312	2,702 5,219
			3,179			930	4,102		
West	18,360	14,709	5,384	2,938	4,926		6,048	12,499	8,188
Mountain	4,981	4,179	1,898	790	1,584	Q	2,093	3,323	2,529
Pacific	13,379	10,530	3,486	2,148	3,342	676	3,955	9,176	5,659
Climate region ¹									
Very cold/Cold	31,898	27,633	10,742	4,568	10,468	1,531	11,045	23,817	16,400
Mixed-humid	27,873	24,268	10,079	4,815	8,565	1,297	12,168	20,411	15,132
Mixed-dry/Hot-dry	12,037	9,429	2,842	1,913	2,881	554	3,441	8,210	5,131
Hot-humid	12,831	10,299	3,922	1,918	3,423	701	5,199	8,180	6,115
Marine	2,454	2,015	775	498	651	Q	881	1,762	1,157
N									
Number of floors	20.000	21 001	10.040	F 002	10.051	1 021	11 501	25.026	15.022
One	39,809	31,001	10,649	5,883	10,051	1,931	11,581	25,926	15,933
Two	20,206	17,915	6,100	2,339	5,301	942	6,986	15,363	9,519
Three	8,140	7,152	2,393	741	2,494	Q	2,980	6,139	4,288
Four to nine	13,535	12,368	5,897	2,881	5,105	751	7,380	10,708	9,715
Ten or more	5,404	5,209	3,322	1,868	3,037	348	3,807	4,245	4,481
Number of workers (main shift)									
Fewer than 5	17,751	10,252	1,110	293	1,764	Q	1,648	8,745	2,055
5 to 9	8,973	7,466	1,132	490	1,420	Q	1,553	6,349	2,088
10 to 19	9,623	8,231	1,695	470	1,750	Q	2,466	7,070	3,252
20 to 49	14,514	13,005	4,819	2,034	3,843	641	5,227	11,172	7,595
50 to 99	13,476	12,696	6,582	3,018	5,217	988	6,404	10,606	9,583
100 to 249	10,941	10,456	5,592	3,109	5,183	1,059	6,584	8,529	8,983
250 or more	11,815	11,539	7,432	4,298	6,811	994	8,852	9,909	10,379
Weekly operating hours									
Fewer than 40	8,220	4,464	763	Q	889	Q	923	4,054	804
40 to 48	15,828	13,062	3,048	1,032	2,413	Q	3,721	11,544	6,037
49 to 60	20,529	17,409	4,492	1,553	4,178	409	5,866	15,168	9,750
61 to 84	15,867	14,497	6,754	4,099	6,408	1,128	7,027	12,583	9,416
85 to 167	9,395	8,480	4,133	2,352	4,352	835	4,424	6,464	5,755
Open continuously	17,253	15,732	9,171	4,541	7,748	1,409	10,772	12,566	12,173
	,	,. 	-,-,-	.,,,		,	,-,-	,500	,_,

Table B46. Refrigeration equipment, floorspace, 2012

		_1	Type of refri	may apply	apply)				
	All buildings	Buildings with any refrig- eration equip- ment	Walk-in units	Open cases or cabinets	Closed cases or cabinets	Large cold storage areas	Comm- ercial ice makers	Resid- ential- type or compact units	Vending mach- ines
All buildings	87,093	73,645	28,361	13,712	25,988	4,171	32,734	62,381	43,936
Campus or complex activity									
Not part of a campus or complex	52,275	45,311	16,375	7,615	14,789	2,706	18,912	38,547	24,972
Primary or secondary school	4,616	3,759	2,684	692	1,922	Q	2,060	2,912	2,736
College or university	4,068	3,703	704	381	815	Q	1,446	3,013	3,106
Office complex	3,456	2,919	768	487	637	Q	1,198	2,708	1,834
Retail complex	5,159	4,684	2,894	2,320	2,961	584	2,682	4,178	3,216
Storage complex	3,212	861	Q	N	Q	Q	Q	706	406
Religious campus or complex	1,932	1,726	Q	Q	591	Q	460	1,279	Q
Health care complex	3,362	3,277	2,434	1,348	2,066	279	2,804	2,833	2,791
Lodging or resort complex	1,295	1,220	744	Q	591	Q	908	843	814
Transportation complex	554	450	198	Q	Q	Q	283	432	296
Government complex	2,107	1,902	576	Q	806	Q	817	1,633	1,409
Other	5,057	3,832	727	Q	622	Q	1,114	3,297	2,096
Energy sources (more than one may apply) Electricity	84,869	73,645	28,361	13,712	25,988	4,171	32,734	62,381	43,936
Natural gas	58,725	53,580	24,043	11,668	21,325	3,530	26,676	45,249	34,019
Fuel oil	20,200	19,094	10,470	5,108	9,160	1,575	12,029	16,450	14,989
District heat	5,964	5,598	2,638	1,312	2,478	212	3,537	4,667	4,874
District chilled water	4,608	4,309	1,786	904	1,776	Q	2,553	3,699	3,647
Propane	7,706	7,073	3,156	1,250	2,927	569	3,598	6,004	4,254
Other	3,826	3,626	1,592	728	1,319	Q	1,663	3,016	2,528
Energy end uses (more than one may apply)									
Buildings with space heating	80,078	71,446	27,734	13,458	25,488	3,991	32,098	60,495	43,101
Buildings with cooling	79,294	71,250	27,981	13,574	25,611	4,063	32,480	60,330	43,356
Buildings with water heating	79,015	71,439	28,290	13,673	25,856	4,139	32,576	60,306	43,096
Buildings with cooking	38,546	38,499	25,906	12,439	21,359	3,280	25,727	31,264	24,686
Buildings with manufacturing	5,078	4,517	1,009	372	1,087	Q	1,125	4,047	2,522
Buildings with electricity generation	25,642	24,873	14,439	7,171	12,346	2,173	16,752	21,557	20,385
Refrigeration equipment (more than one may apply)	23,042	24,073	14,433	,,1,1	12,540	2,173	10,732	21,337	20,303
Any refrigeration	73,645	73,645	28,361	13,712	25,988	4,171	32,734	62,381	43,936
Walk-in units	28,361	28,361	28,361	11,940	18,593	3,175	22,620	21,549	21,314
Cases or cabinets	28,719	28,719	20,388	13,712	25,988	3,084	21,298	21,701	21,232
Large cold storage areas	4,171	4,171	3,175	2,354	2,801	4,171	2,960	3,185	3,153
Commercial ice makers	32,734	32,734	22,620	11,305	19,689	2,960	32,734	27,085	25,508
Residential-type or compact units	62,381	62,381	21,549	10,918	19,696	3,185	27,085	62,381	37,171
Vending machines	43,936	43,936	21,314	11,425	19,337	3,153	25,508	37,171	43,936
No refrigeration	13,448	N	N	N	N	N	N	N	N

Table B46. Refrigeration equipment, floorspace, 2012

			Type of refri)					
	All buildings	Buildings with any refrig- eration equip- ment	Walk-in units	Open cases or cabinets	Closed cases or cabinets	Large cold storage areas	Comm- ercial ice makers	Resid- ential- type or compact units	Vending mach- ines
All buildings	87,093	73,645	28,361	13,712	25,988	4,171	32,734	62,381	43,936
Food preparation or serving areas in non-food service buildings (more than one may apply)									
Snack bar or concession stand	9,884	9,866	8,063	4,699	6,772	1,328	8,194	8,482	8,153
Fast food or small restaurant	9,787	9,787	8,456	5,648	7,783	1,364	8,187	7,913	7,954
Cafeteria or large restaurant	15,222	15,219	13,687	6,211	10,137	1,180	12,404	12,434	12,235
Commercial kitchen/									
food preparation area	16,150	16,142	13,735	6,147	11,039	2,183	12,848	12,754	12,279
Small kitchen area	14,054	14,035	6,719	3,356	5,864	1,219	7,518	12,806	7,716

¹These climate regions were created by the Building America program, sponsored by the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy (EERE).

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

N = No cases in reporting sample.

Notes: • Because of rounding, data may not sum to totals. • See *Guide to the 2012 CBECS Detailed Tables* or *CBECS Terminology* for definition of terms used in these tables and/or comparison of differences with prior CBECS tables. Both references can be accessed from http://www.eia.gov/consumption/commercial/data/2012/

Source: U.S. Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Form EIA-871A of the 2012 Commercial Buildings Energy Consumption Survey.