



U.S. Commercial Buildings Weather-Adjusted Primary Energy Intensity

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Table 8c. U.S. Commercial Buildings Energy Intensity Using Weather-Adjusted Primary Energy ¹ by Census Region and Principal Building Activity, 1992, 1995, and 2003 (Thousand Btu per Worker)			
Principal Building Activity and Census Region	Survey Years		
	1992 ²	1995 ³	2003
U.S. Total	120	136	187
Education	150	104	125
Food Sales	260	573	468
Food Service	149	282	275
Health Care	132	218	172
Lodging	196	303	399
Mercantile and Service	93	146	433
Office	90	87	91
Public Assembly	150	263	290
Public Order and Safety	104	129	178
Religious Worship	60	44	168
Warehouse and Storage	170	138	217
Other ⁴	221	174	302
Vacant	186	136	Q
Total Northeast	82	124	170
Education	147	116	174
Food Sales	Q	Q	Q
Food Service	140	Q	Q
Health Care	90	239	160
Lodging	95	240	429
Mercantile and Service	43	128	457
Office	72	68	89
Public Assembly	105	256	226
Public Order and Safety	178	102	Q
Religious Worship	50	99	145
Warehouse and Storage	204	136	159
Other ⁴	127	Q	Q

Vacant	Q	90	573
Total Midwest	148	150	211
Education	177	96	188
Food Sales	261	Q	Q
Food Service	192	304	290
Health Care	187	296	203
Lodging	189	291	429
Mercantile and Service	140	198	314
Office	107	89	101
Public Assembly	130	228	365
Public Order and Safety	Q	150	Q
Religious Worship	96	145	205
Warehouse and Storage	197	191	382
Other ⁴	Q	Q	Q
Vacant	255	Q	Q
Total South	135	141	198
Education	131	114	97
Food Sales	311	568	528
Food Service	140	283	286
Health Care	146	229	196
Lodging	295	395	439
Mercantile and Service	124	148	501
Office	100	91	99
Public Assembly	196	244	401
Public Order and Safety	83	123	Q
Religious Worship	66	23	204
Warehouse and Storage	160	118	180
Other ⁴	Q	241	Q
Vacant	196	121	Q
Total West	117	128	157
Education	150	93	126
Food Sales	279	540	Q
Food Service	126	322	226
Health Care	102	149	118
Lodging	252	262	311
Mercantile and Service	122	108	452
Office	80	96	71
Public Assembly	144	Q	189
Public Order and Safety	Q	Q	Q
Religious Worship	35	45	77
Warehouse and Storage	120	128	137
Other ⁴	161	Q	229

Vacant	181	198	Q
<p>¹ Sum of major fuels. Weather-adjusted energy consumption for 1999 is not reported because 1999 CBECS does not estimate energy consumption for space heating, space cooling, and ventilation. Normals are based on calculations of data from 1971 through 2000. To aggregate Census division degree-days to Census regions, each division value is weighted by the 2000 population shares of divisions within each Census region.</p> <p>² Estimates adjusted to match the 1995 and 1999 CBECS definition of target population. More information available online: http://www.eia.doe.gov/emeu/cbecs/comparesampdesign.html</p> <p>³ Per employee during main shift.</p> <p>⁴ Laboratory buildings are included in the "Other" category.</p> <p>Q = Data withheld because the Relative Standard Error was greater than 50 percent or fewer than 20 buildings were sampled.</p> <p>Sources: Energy Information Administration (EIA), Commercial Buildings Energy Consumption Surveys, 1992, 1995, 2003, and EIA, "Annual Energy Review, " 2007; Tables 1.10 and 1.19. Available online: http://www.eia.doe.gov/emeu/aer/txt/ptb0110.html, and http://www.eia.doe.gov/emeu/aer/txt/ptb0109.html</p>			