



U.S. Commercial Buildings Energy Intensity

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Principal Building Activity and Census Region	Survey Years			
	1992 ²	1995	1999	2003
U.S. Total	158	180	178	191
Education	131	137	135	159
Food Sales	482	586	537	535
Food Service	392	493	477	523
Health Care	386	423	337	346
Lodging	292	232	187	193
Mercantile and Service	143	157	180	204
Office	209	227	219	212
Public Assembly	145	201	170	180
Public Order and Safety	178	175	157	221
Religious Worship	46	61	57	77
Warehouse and Storage	82	80	86	94
Other ³	294	324	312	319
Vacant	49	37	27	33
Total Northeast	146	161	179	184
Education	129	130	147	156
Food Sales	Q	Q	Q	Q
Food Service	232	Q	Q	Q
Health Care	354	425	355	346
Lodging	234	314	221	145
Mercantile and Service	119	118	169	190
Office	180	189	205	215
Public Assembly	132	192	211	130
Public Order and Safety	180	145	Q	Q
Religious Worship	45	63	56	71
Warehouse and Storage	91	100	95	81
Other ³	236	Q	Q	Q

Vacant	Q	16	Q	Q
Total Midwest	162	183	170	189
Education	135	132	131	142
Food Sales	496	Q	Q	564
Food Service	378	328	377	425
Health Care	442	502	302	365
Lodging	245	244	179	198
Mercantile and Service	147	177	158	193
Office	215	229	218	232
Public Assembly	152	190	158	175
Public Order and Safety	Q	154	Q	Q
Religious Worship	47	67	52	81
Warehouse and Storage	101	90	115	137
Other ³	Q	Q	Q	Q
Vacant	49	Q	Q	Q
Total South	155	180	191	201
Education	116	131	142	176
Food Sales	468	566	586	533
Food Service	451	627	Q	616
Health Care	417	417	370	339
Lodging	295	229	208	215
Mercantile and Service	155	165	194	215
Office	230	221	236	216
Public Assembly	Q	189	164	215
Public Order and Safety	191	175	Q	Q
Religious Worship	48	50	65	84
Warehouse and Storage	71	72	76	70
Other ³	Q	420	279	Q
Vacant	31	33	Q	Q
Total West	170	195	166	182
Education	151	161	124	148
Food Sales	548	425	Q	Q
Food Service	655	467	Q	464
Health Care	272	365	309	334
Lodging	383	198	158	205
Mercantile and Service	144	162	190	204
Office	200	267	205	176
Public Assembly	178	Q	152	201
Public Order and Safety	Q	Q	Q	Q
Religious Worship	41	69	52	52
Warehouse and Storage	69	65	60	86
Other ³	229	Q	Q	Q
Vacant	78	48	Q	Q

¹ Sum of major fuels.
² Estimates adjusted to match the 1995, 1999, and 2003 CBECS definition of target population. More information available online: <http://www.eia.doe.gov/emeu/cbecs/comparesampdesign.html>
³ Laboratory buildings are included in the "Other" category.
Q = Data withheld because the Relative Standard Error was greater than 50 percent or fewer than 20 buildings were sampled.
Sources: Energy Information Administration, Commercial Buildings Energy Consumption Surveys, 1992, 1995, 1999, and 2003.

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