



U.S. Commercial Buildings Energy Intensity

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Principal Building Activity and Census Region	Survey Years		
	1992 ²	1995 ³	1999 ³
U.S. Total	115	138	146
Education	145	105	131
Food Sales	255	577	545
Food Service	138	285	219
Health Care	126	220	158
Lodging	190	305	359
Mercantile and Service	90	148	155
Office	86	88	91
Public Assembly	147	264	237
Public Order and Safety	101	131	108
Religious Worship	57	44	117
Warehouse and Storage	167	139	146
Other ⁴	213	176	262
Vacant	183	137	198
Total Northeast	78	126	154
Education	143	118	160
Food Sales	Q	Q	Q
Food Service	125	Q	Q
Health Care	84	242	198
Lodging	92	243	366
Mercantile and Service	41	130	157
Office	66	70	99
Public Assembly	101	262	399
Public Order and Safety	174	104	Q
Religious Worship	50	100	153
Warehouse and Storage	202	137	128
Other ⁴	124	Q	Q

Vacant	Q	91	Q
Total Midwest			
Education	136	154	156
Food Sales	164	99	152
Food Service	249	Q	Q
Health Care	163	312	240
Lodging	171	302	171
Mercantile and Service	173	297	301
Office	133	204	147
Public Assembly	93	92	92
Public Order and Safety	123	235	252
Religious Worship	Q	154	Q
Warehouse and Storage	89	150	166
Other ⁴	191	195	210
Vacant	Q	Q	Q
Vacant	245	Q	Q
Total South			
Education	131	142	153
Food Sales	127	115	107
Food Service	305	570	528
Health Care	133	285	Q
Lodging	142	230	183
Mercantile and Service	282	398	444
Office	121	150	170
Public Assembly	97	92	96
Public Order and Safety	192	246	164
Religious Worship	81	124	Q
Warehouse and Storage	63	23	140
Other ⁴	157	119	157
Vacant	Q	244	180
Vacant	192	122	Q
Total West			
Education	119	126	123
Food Sales	151	90	126
Food Service	283	540	Q
Health Care	130	320	Q
Lodging	103	148	103
Mercantile and Service	258	260	314
Office	121	107	135
Public Assembly	82	96	77
Public Order and Safety	144	Q	287
Religious Worship	Q	Q	Q
Warehouse and Storage	34	44	70
Other ⁴	120	128	81
Vacant	161	Q	Q
Vacant	182	192	Q

¹ Sum of major fuels.

² Estimates adjusted to match the 1995 and 1999 CBECS definition of target population. Intensity per worker for 2003 is not reported because the 2003 figures do not include malls. More information available online:

<http://www.eia.doe.gov/emeu/cbecs/comparesampdesign.html>

³ Per employee during main shift.

⁴ 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, and 1999.

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