

U.S. Commercial Buildings Weather-Adjusted Site Energy

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Table 8c. U.S. Commercial Buildings Energy Intensity Using Weather-Adjusted Site Energy¹ by Census Region and Principal Building Activity, 1992-1995
(Million Btu per Worker)

Principal Building Activity and Census Region	Survey Years	
	1992 ²	1995 ³
U.S. Total	119	135
Education	148	103
Food Sales	258	572
Food Service	147	280
Health Care	131	217
Lodging	193	301
Mercantile and Service	92	145
Office	89	86
Public Assembly	149	259
Public Order and Safety	103	128
Religious Worship	59	43
Warehouse and Storage	168	136
Other ⁴	218	172
Vacant	184	134
Total Northeast	81	124
Education	146	116
Food Sales	Q	Q
Food Service	139	Q
Health Care	89	238
Lodging	95	240
Mercantile and Service	43	127
Office	71	68
Public Assembly	104	255
Public Order and Safety	178	102
Religious Worship	50	99
Warehouse and Storage	204	136
Other ⁴	126	Q

Vacant	Q	90
Total Midwest		
Education	145	148
Food Sales	173	95
Food Service	259	Q
Health Care	188	302
Lodging	184	293
Mercantile and Service	185	288
Office	138	195
Public Assembly	104	88
Public Order and Safety	128	224
Religious Worship	Q	148
Warehouse and Storage	93	141
Other ⁴	194	189
Vacant	Q	Q
Total South		
Education	134	140
Food Sales	129	113
Food Service	310	566
Health Care	139	282
Lodging	145	228
Mercantile and Service	293	393
Office	123	147
Public Assembly	99	90
Public Order and Safety	195	241
Religious Worship	82	122
Warehouse and Storage	65	23
Other ⁴	159	117
Vacant	Q	239
Total West		
Education	116	126
Food Sales	148	90
Food Service	278	539
Health Care	125	320
Lodging	101	148
Mercantile and Service	248	260
Office	120	106
Public Assembly	79	95
Public Order and Safety	142	Q
Religious Worship	Q	Q
Warehouse and Storage	34	44
Other ⁴	119	127
Vacant	158	Q
	179	193

¹ Sum of major fuels. Weather-adjusted energy consumption for 1999 and 2003 is not reported because 1999 and 2003 CBECS do not estimate energy consumption for space heating, space cooling, and ventilation. To aggregate Census division degree-days to Census regions, each division value is weighted by its percentage of the total Census region population.

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>

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 (EIA), Commercial Buildings Energy Consumption Surveys, 1992, 1995, and EIA, "Annual Energy Review, " 2005; 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>

For questions about the "Commercial Buildings Energy Intensity Tables," please contact:

Behjat Hojjati
Program Manager
behjat.hojjati@eia.doe.gov
Phone: 202-586-1068
Fax: 202-586-0018

For questions about the "Commercial Buildings Energy Consumption Survey" and energy data, please contact:

Joelle Michaels
Survey Manager
joelle.michaels@eia.doe.gov
Phone: 202-586-89528
Fax: 202-586-0018

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