



## U.S. Commercial Buildings Energy Intensity

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**Table 5c. U.S. Commercial Buildings Energy Intensity Using Site Energy<sup>1</sup> by Census Region and Principal Building Activity, 1992-1999**  
(Million Btu per Worker)

Principal Building Activity and Census Region	Survey Years		
	1992 <sup>2</sup>	1995 <sup>3</sup>	1999 <sup>3</sup>
<b>U.S. Total</b>	59	69	70
Education	83	61	73
Food Sales	96	210	205
Food Service	72	142	111
Health Care	75	125	83
Lodging	104	168	191
Mercantile and Service	45	72	72
Office	39	38	38
Public Assembly	69	150	114
Public Order and Safety	62	73	60
Religious Worship	36	27	66
Warehouse and Storage	84	66	74
Other <sup>4</sup>	108	94	121
Vacant	102	80	117
<b>Total Northeast</b>	44	68	77
Education	96	76	98
Food Sales	Q	Q	Q
Food Service	70	Q	Q
Health Care	53	159	120
Lodging	65	138	225
Mercantile and Service	22	68	75
Office	31	32	44
Public Assembly	57	148	197
Public Order and Safety	113	66	Q
Religious Worship	38	68	112
Warehouse and Storage	110	63	60
Other <sup>4</sup>	67	Q	Q
Vacant	Q	61	Q

<b>Total Midwest</b>	76	88	83
Education	99	65	91
Food Sales	97	Q	Q
Food Service	93	164	129
Health Care	112	185	95
Lodging	107	183	172
Mercantile and Service	69	116	76
Office	45	45	40
Public Assembly	69	140	126
Public Order and Safety	Q	100	Q
Religious Worship	66	117	109
Warehouse and Storage	113	111	133
Other <sup>4</sup>	Q	Q	Q
Vacant	191	Q	Q
<b>Total South</b>	61	64	67
Education	65	55	51
Food Sales	113	198	185
Food Service	63	137	Q
Health Care	77	117	86
Lodging	136	195	217
Mercantile and Service	56	66	78
Office	45	36	37
Public Assembly	74	113	68
Public Order and Safety	41	58	Q
Religious Worship	33	11	62
Warehouse and Storage	69	54	68
Other <sup>4</sup>	Q	115	68
Vacant	99	56	Q
<b>Total West</b>	56	61	57
Education	76	50	68
Food Sales	106	192	Q
Food Service	67	174	Q
Health Care	52	82	55
Lodging	128	145	165
Mercantile and Service	59	44	53
Office	34	38	32
Public Assembly	73	Q	162
Public Order and Safety	Q	Q	Q
Religious Worship	20	25	40
Warehouse and Storage	50	49	35
Other <sup>4</sup>	86	Q	Q
Vacant	84	103	Q

<sup>1</sup> Sum of major fuels.

<sup>2</sup> 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>

<sup>3</sup> Per employee during main shift.

<sup>4</sup> 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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