



## U.S. Commercial Buildings Energy Intensity

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**Table 6a. U.S. Commercial Buildings Energy Intensity Using Weather-Adjusted Site Energy<sup>1</sup> by Census Region and Principal Building Activity, 1992-1995**  
(Million Btu per Building)

Principal Building Activity and Census Region	Survey Years	
	1992	1995
<b>U.S.Total<sup>2</sup></b>	1,120	1,137
Education	2,162	1,945
Food Sales	1,063	991
Food Service	1,234	1,151
Health Care	6,624	5,264
Lodging	3,030	2,871
Mercantile and Service	698	733
Office	1,632	1,411
Public Assembly	1,123	1,349
Public Order and Safety	1,540	1,389
Religious Worship	299	376
Warehouse and Storage	617	546
Other <sup>3</sup>	2,243	2,496
Vacant	357	191
<b>Total Northeast</b>	1,420	1,405
Education	4,694	4,111
Food Sales	Q	Q
Food Service	1,140	Q
Health Care	8,261	8,110
Lodging	3,335	6,004
Mercantile and Service	728	707
Office	1,786	1,634
Public Assembly	1,473	1,606
Public Order and Safety	1,978	1,294
Religious Worship	514	456
Warehouse and Storage	841	767
Other <sup>3</sup>	1,510	Q

Vacant	Q	260
<b>Total Midwest</b>	1,314	1,257
Education	4,387	3,958
Food Sales	1,267	Q
Food Service	1,387	1,150
Health Care	10,351	7,334
Lodging	3,479	3,493
Mercantile and Service	757	785
Office	1,938	1,588
Public Assembly	993	1,147
Public Order and Safety	Q	1,343
Religious Worship	462	543
Warehouse and Storage	767	613
Other <sup>3</sup>	Q	Q
Vacant	459	Q
<b>Total South</b>	890	942
Education	1,423	1,275
Food Sales	747	765
Food Service	1,069	1,205
Health Care	9,394	3,728
Lodging	2,680	2,845
Mercantile and Service	599	755
Office	1,494	999
Public Assembly	1,005	858
Public Order and Safety	972	1,471
Religious Worship	178	239
Warehouse and Storage	479	495
Other <sup>3</sup>	Q	2,603
Vacant	161	111
<b>Total West</b>	1,105	1,149
Education	1,080	1,149
Food Sales	1,319	974
Food Service	1,390	1,041
Health Care	1,731	5,260
Lodging	2,995	1,950
Mercantile and Service	820	612
Office	1,433	1,922
Public Assembly	1,361	Q
Public Order and Safety	Q	Q
Religious Worship	348	386
Warehouse and Storage	460	365
Other <sup>3</sup>	2,093	Q
Vacant	770	171

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. 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 its percentage of the total Census region population.

2. Total does not include parking garages.

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, 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>

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