



U.S. Commercial Buildings Energy Intensity

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

Principal Building Activity and Census Region	Survey Years	
	1992 ²	1995
U.S. Total	2,230	2,267
Education	3,821	3,357
Food Sales	2,829	2,728
Food Service	2,410	2,307
Health Care	11,398	9,261
Lodging	5,589	5,218
Mercantile and Service	1,422	1,513
Office	3,597	3,307
Public Assembly	2,407	2,378
Public Order and Safety	2,540	2,500
Religious Worship	482	616
Warehouse and Storage	1,230	1,154
Other ³	4,459	4,708
Vacant	644	327
Total Northeast	2,585	2,584
Education	7,171	6,341
Food Sales	Q	Q
Food Service	2,137	Q
Health Care	13,496	12,311
Lodging	4,829	10,536
Mercantile and Service	1,401	1,356
Office	3,895	3,515
Public Assembly	2,658	2,822
Public Order and Safety	3,115	2,016
Religious Worship	676	670
Warehouse and Storage	1,563	1,661
Other ³	2,812	Q

Vacant	Q	390
Total Midwest		
Education	2,415	2,212
Food Sales	7,422	6,053
Food Service	3,263	Q
Health Care	2,572	2,173
Lodging	16,242	11,956
Mercantile and Service	5,790	5,673
Office	1,477	1,388
Public Assembly	4,117	3,271
Public Order and Safety	1,786	1,937
Religious Worship	Q	2,085
Warehouse and Storage	646	702
Other ³	1,303	1,092
Vacant	Q	Q
	600	Q
Total South		
Education	1,928	2,113
Food Sales	2,819	2,670
Food Service	2,029	2,210
Health Care	2,310	2,519
Lodging	17,526	7,365
Mercantile and Service	5,657	5,806
Office	1,302	1,720
Public Assembly	3,259	2,546
Public Order and Safety	2,631	1,888
Religious Worship	1,961	3,168
Warehouse and Storage	349	503
Other ³	1,106	1,098
Vacant	Q	5,584
	318	245
Total West		
Education	2,341	2,371
Food Sales	2,125	2,063
Food Service	3,525	2,735
Health Care	2,641	1,913
Lodging	3,421	9,438
Mercantile and Service	5,939	3,496
Office	1,679	1,470
Public Assembly	3,432	4,830
Public Order and Safety	2,648	Q
Religious Worship	Q	Q
Warehouse and Storage	583	669
Other ³	1,095	945
Vacant	3,876	Q
	1,642	316

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 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 (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>

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