



U.S. Commercial Buildings Weather-Adjusted Primary Energy

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Table 1d. U.S. Commercial Buildings [Weather-Adjusted Primary Energy Consumption](#)¹ by Census Region and Principal Building Activity, 1992, 1995, and 2003 (Million Btu)

Principal Building Activity and Census Region	Survey Years		
	1992 ²	1995	2003
U.S. Total	10,545	10,478	13,616
Education	1,148	1,051	1,558
Food Sales	371	374	670
Food Service	631	661	859
Health Care	714	979	1,088
Lodging	871	832	979
Mercantile and Service	1,812	1,970	3,089
Office	2,594	2,352	2,567
Public Assembly	676	789	696
Public Order and Safety	150	220	239
Religious Worship	180	169	287
Warehouse and Storage	897	675	949
Other ³	302	320	549
Vacant	201	87	84
Total Northeast	1,952	1,881	2,533
Education	260	246	255
Food Sales	Q	Q	Q
Food Service	Q	Q	Q
Health Care	143	171	181
Lodging	149	108	167
Mercantile and Service	344	327	460
Office	487	397	638
Public Assembly	106	130	131
Public Order and Safety	50	78	Q
Religious Worship	21	27	43
Warehouse and Storage	159	146	121
Other ³	Q	Q	Q

Vacant	28	10	Q
Total Midwest	2,864	2,554	3,454
Education	349	257	368
Food Sales	Q	Q	182
Food Service	193	152	194
Health Care	235	229	295
Lodging	155	217	229
Mercantile and Service	490	550	623
Office	670	519	701
Public Assembly	138	176	183
Public Order and Safety	48	45	Q
Religious Worship	57	41	91
Warehouse and Storage	297	181	416
Other ³	Q	Q	Q
Vacant	Q	Q	Q
Total South	3,718	3,726	5,363
Education	313	300	699
Food Sales	117	162	259
Food Service	193	275	470
Health Care	257	379	431
Lodging	322	298	364
Mercantile and Service	661	794	1,386
Office	937	765	816
Public Assembly	316	255	252
Public Order and Safety	45	54	Q
Religious Worship	69	50	126
Warehouse and Storage	331	247	277
Other ³	109	120	Q
Vacant	Q	26	Q
Total West	2,011	2,317	2,265
Education	226	247	237
Food Sales	113	89	Q
Food Service	129	127	118
Health Care	78	200	180
Lodging	245	209	220
Mercantile and Service	317	299	621
Office	501	671	412
Public Assembly	Q	Q	130
Public Order and Safety	Q	Q	Q
Religious Worship	33	51	27
Warehouse and Storage	111	100	135
Other ³	Q	Q	Q

¹ Sum of major fuels. Weather-adjusted energy consumption for 1999 is not reported because 1999 CBECS does 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 the 2000 population shares of divisions within each Census region.

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 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, 2003, and EIA, "Annual Energy Review," 2007; 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>