

Table C28A. Natural Gas Consumption and Conditional Energy Intensity by Census Division for All Buildings, 2003: Part 2

	Total Natural Gas Consumption (billion cubic feet)			Total Floorspace of Buildings Using Natural Gas (million square feet)			Natural Gas Energy Intensity (cubic feet/square foot)		
	West North Central	South Atlantic	East South Central	West North Central	South Atlantic	East South Central	West North Central	South Atlantic	East South Central
All Buildings	178	238	104	3,788	7,286	2,521	47.0	32.7	41.3
Building Floorspace (Square Feet)									
1,001 to 5,000	23	27	11	346	360	218	66.6	75.8	51.9
5,001 to 10,000	14	36	Q	321	662	Q	45.1	53.8	Q
10,001 to 25,000	31	33	Q	796	1,102	604	39.5	29.9	Q
25,001 to 50,000	44	21	13	840	834	410	52.6	25.3	Q
50,001 to 100,000	Q	32	15	Q	971	523	Q	33.3	28.8
100,001 to 200,000	19	Q	Q	512	1,447	Q	37.8	30.2	Q
200,001 to 500,000	Q	25	Q	Q	862	Q	Q	29.3	Q
Over 500,000	Q	20	Q	Q	Q	Q	Q	19.3	Q
Principal Building Activity									
Education	14	25	Q	380	1,274	Q	38.1	19.6	Q
Food Sales	Q	Q	Q	Q	Q	Q	Q	Q	Q
Food Service	Q	42	Q	Q	339	Q	Q	123.8	Q
Health Care	Q	Q	17	Q	508	196	Q	87.5	86.2
Inpatient	Q	Q	Q	Q	Q	Q	Q	Q	Q
Outpatient	Q	Q	Q	Q	Q	Q	Q	Q	Q
Lodging	27	25	Q	508	630	Q	52.6	39.9	Q
Mercantile	Q	38	Q	Q	1,425	Q	Q	26.5	Q
Retail (Other Than Mall)	Q	9	Q	Q	465	Q	Q	20.4	Q
Enclosed and Strip Malls	Q	28	Q	Q	960	Q	Q	29.4	Q
Office	19	12	Q	518	821	321	37.4	14.7	28.5
Public Assembly	Q	Q	Q	Q	Q	Q	Q	Q	Q
Public Order and Safety	Q	Q	Q	Q	Q	Q	Q	Q	Q
Religious Worship	Q	Q	Q	Q	Q	Q	Q	Q	Q
Service	13	Q	Q	211	Q	Q	60.7	Q	Q
Warehouse and Storage	Q	Q	Q	662	Q	Q	41.8	Q	Q
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q
Vacant	Q	Q	Q	Q	Q	Q	Q	Q	Q
Year Constructed									
Before 1920	Q	Q	Q	Q	Q	Q	Q	Q	Q
1920 to 1945	Q	Q	Q	385	Q	Q	73.1	Q	Q
1946 to 1959	18	Q	Q	321	512	Q	56.7	Q	Q
1960 to 1969	27	24	Q	620	656	Q	42.8	36.7	Q
1970 to 1979	30	25	23	836	904	510	35.5	27.5	45.1
1980 to 1989	Q	45	Q	Q	1,360	420	Q	33.3	65.5
1990 to 1999	33	73	18	753	2,511	670	44.0	29.1	26.7
2000 to 2003	Q	23	Q	Q	842	Q	Q	26.8	Q
Climate Zone: 30-Year Average									
Under 2,000 CDD and --									
More than 7,000 HDD	89	N	N	1,859	N	N	48.1	N	N
5,500-7,000 HDD	45	N	N	Q	N	N	Q	N	N
4,000-5,499 HDD	44	71	Q	846	2,047	Q	51.7	34.5	Q
Fewer than 4,000 HDD	N	143	Q	N	4,089	Q	N	35.0	33.5
2,000 CDD or More and --									
Fewer than 4,000 HDD	N	Q	Q	N	Q	Q	N	21.4	42.7

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	West North Central	South Atlantic	East South Central	West North Central	South Atlantic	East South Central	West North Central	South Atlantic	East South Central
All Buildings	178	238	104	3,788	7,286	2,521	47.0	32.7	41.3
Number of Establishments									
One	121	172	83	2,582	4,735	1,810	47.0	36.4	45.7
2 to 5	40	31	Q	771	1,169	Q	51.5	26.5	Q
6 to 10	Q	Q	Q	Q	Q	Q	Q	Q	Q
11 to 20	Q	Q	Q	Q	Q	Q	Q	Q	Q
More than 20	Q	Q	Q	Q	Q	Q	Q	Q	Q
Currently Unoccupied	Q	Q	Q	Q	Q	Q	Q	Q	Q
Energy Sources (more than one may apply)									
Electricity	178	238	104	3,788	7,286	2,521	47.0	32.7	41.3
Natural Gas	178	238	104	3,788	7,286	2,521	47.0	32.7	41.3
Fuel Oil	42	78	Q	706	1,871	Q	59.1	41.6	Q
District Heat	Q	Q	Q	Q	526	Q	Q	Q	Q
Energy End Uses (more than one may apply)									
Buildings with Space Heating	178	237	104	3,786	7,167	2,495	47.0	33.1	41.7
Buildings with Cooling	170	234	103	3,562	7,189	2,494	47.7	32.5	41.3
Buildings with Water Heating	171	232	101	3,529	7,006	2,392	48.6	33.1	42.3
Annual Consumption (hundred cubic feet)									
1,000 or Less	4	5	2	272	649	235	15.7	8.1	9.2
1,001 to 5,000	28	35	19	877	1,593	879	32.3	22.1	21.9
5,001 to 10,000	25	32	Q	568	1,265	Q	44.9	25.0	Q
10,001 to 25,000	34	44	17	709	1,219	503	48.7	36.1	34.4
25,001 to 50,000	28	38	Q	546	1,051	Q	51.8	36.4	Q
50,001 to 100,000	Q	Q	Q	Q	Q	Q	Q	Q	Q
Over 100,000	Q	63	Q	Q	852	Q	Q	73.8	Q

See "Guide to the Tables" or "Glossary" for further explanations of the terms used in this table. Both can be accessed from the CBECS web site <http://www.eia.doe.gov/emeu/cbecs>.

Q=Data withheld because the Relative Standard Error (RSE) was greater than 50 percent, or fewer than 20 buildings were sampled.

N=No responding cases in sample that use natural gas.

Notes: • Statistics for the "Energy End Uses" category represent total consumption in buildings that have the end use, not consumption specifically for that particular end use. • Due to rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-871A, C, and E of the 2003 Commercial Buildings Energy Consumption Survey.