

Table C27A. Natural Gas Consumption and Conditional Energy Intensity by Census Division for All Buildings, 2003: Part 1

	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)		
	New England	Middle Atlantic	East North Central	New England	Middle Atlantic	East North Central	New England	Middle Atlantic	East North Central
All Buildings	85	364	550	1,861	8,301	10,356	45.4	43.8	53.1
Building Floorspace (Square Feet)									
1,001 to 5,000	Q	42	69	Q	427	741	Q	98.4	92.9
5,001 to 10,000	Q	32	49	Q	518	743	Q	62.1	65.5
10,001 to 25,000	Q	47	102	Q	952	1,860	Q	49.7	54.6
25,001 to 50,000	Q	42	78	Q	900	1,567	Q	47.1	49.6
50,001 to 100,000	Q	49	77	Q	1,421	1,611	Q	34.4	47.7
100,001 to 200,000	Q	44	73	Q	1,531	1,454	Q	28.4	50.4
200,001 to 500,000	Q	55	58	Q	1,484	1,323	Q	37.3	43.5
Over 500,000	Q	52	45	Q	1,068	1,056	Q	48.6	43.0
Principal Building Activity									
Education	Q	49	99	Q	1,247	1,804	Q	39.5	54.6
Food Sales	Q	Q	Q	Q	Q	Q	Q	Q	Q
Food Service	Q	Q	35	Q	Q	228	Q	Q	152.9
Health Care	Q	41	49	Q	396	484	Q	103.8	100.6
Inpatient	Q	37	38	Q	306	287	Q	120.3	131.2
Outpatient	Q	Q	Q	Q	Q	Q	Q	Q	Q
Lodging	Q	Q	39	Q	Q	507	Q	Q	77.5
Mercantile	Q	34	66	Q	854	1,271	Q	39.8	52.3
Retail (Other Than Mall)	Q	13	29	Q	269	485	Q	48.2	59.2
Enclosed and Strip Malls	Q	Q	38	Q	Q	787	Q	Q	48.0
Office	Q	72	84	Q	1,887	1,929	Q	38.2	43.7
Public Assembly	Q	12	35	Q	602	550	Q	Q	64.2
Public Order and Safety	Q	Q	Q	Q	Q	Q	Q	Q	Q
Religious Worship	Q	Q	29	Q	Q	624	Q	Q	46.3
Service	Q	Q	44	Q	Q	723	Q	Q	61.5
Warehouse and Storage	Q	24	34	Q	913	1,259	Q	26.0	26.7
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	30	48	Q	704	819	Q	43.0	58.0
1920 to 1945	Q	74	65	Q	1,609	959	Q	45.7	68.2
1946 to 1959	Q	52	69	Q	1,277	1,425	Q	40.8	48.7
1960 to 1969	Q	55	75	Q	1,171	1,403	Q	46.8	53.6
1970 to 1979	Q	54	124	Q	1,174	2,182	Q	46.2	56.7
1980 to 1989	Q	35	73	Q	964	1,325	Q	36.0	55.3
1990 to 1999	Q	38	67	Q	982	1,509	Q	38.8	44.1
2000 to 2003	Q	Q	29	Q	Q	733	Q	Q	39.4
Climate Zone: 30-Year Average									
Under 2,000 CDD and --									
More than 7,000 HDD	Q	Q	160	Q	Q	2,807	Q	51.6	56.9
5,500-7,000 HDD	84	123	390	1,848	2,339	7,549	45.7	52.4	51.7
4,000-5,499 HDD	N	175	N	N	4,676	N	N	37.4	N
Fewer than 4,000 HDD	N	N	N	N	N	N	N	N	N
2,000 CDD or More and --									
Fewer than 4,000 HDD	N	N	N	N	N	N	N	N	N

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	New England	Middle Atlantic	East North Central	New England	Middle Atlantic	East North Central	New England	Middle Atlantic	East North Central
All Buildings	85	364	550	1,861	8,301	10,356	45.4	43.8	53.1
Number of Establishments									
One	45	243	386	826	4,915	6,833	54.0	49.4	56.5
2 to 5	Q	56	105	Q	1,651	1,957	Q	33.7	53.9
6 to 10	Q	21	17	Q	475	353	Q	44.4	48.3
11 to 20	Q	Q	21	Q	Q	398	Q	Q	52.9
More than 20	Q	Q	Q	Q	Q	Q	Q	Q	Q
Currently Unoccupied	N	Q	Q	N	Q	Q	N	Q	Q
Energy Sources (more than one may apply)									
Electricity	85	364	550	1,861	8,301	10,355	45.4	43.8	53.1
Natural Gas	85	364	550	1,861	8,301	10,356	45.4	43.8	53.1
Fuel Oil	Q	128	96	Q	3,368	1,494	Q	38.1	64.2
District Heat	Q	Q	Q	Q	482	Q	Q	20.1	Q
Energy End Uses (more than one may apply)									
Buildings with Space Heating	85	361	549	1,861	8,285	10,326	45.4	43.6	53.1
Buildings with Cooling	80	336	510	1,709	7,812	9,475	46.8	43.0	53.9
Buildings with Water Heating	80	355	535	1,767	7,972	9,851	45.4	44.5	54.3
Annual Consumption (hundred cubic feet)									
1,000 or Less	Q	3	7	Q	Q	425	Q	Q	16.4
1,001 to 5,000	13	39	61	401	1,376	2,029	32.3	28.6	29.8
5,001 to 10,000	Q	41	77	Q	864	1,517	Q	47.2	50.7
10,001 to 25,000	Q	73	99	Q	1,757	1,753	Q	41.4	56.5
25,001 to 50,000	Q	54	95	Q	1,369	1,799	Q	39.7	52.9
50,001 to 100,000	Q	32	61	Q	646	1,092	Q	49.6	55.6
Over 100,000	Q	121	151	Q	1,562	1,740	Q	77.8	86.6

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.