

Table C25A. Natural Gas Consumption and Conditional Energy Intensity by Census Region for All Buildings, 2003

	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)			
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West
All Buildings	448	728	511	350	10,162	14,144	15,260	8,907	44.1	51.5	33.5	39.3
Building Floorspace (Square Feet)												
1,000 to 5,000	50	92	68	40	547	1,086	912	629	90.6	84.6	74.5	63.7
5,001 to 10,000	39	63	69	46	661	1,064	1,439	806	59.2	59.4	48.1	57.4
10,001 to 25,000	58	133	81	70	1,293	2,656	2,332	1,542	45.2	50.1	34.7	45.7
25,001 to 50,000	48	122	52	48	1,048	2,407	1,797	1,352	45.5	50.7	29.2	35.5
50,001 to 100,000	66	98	68	37	1,841	2,009	2,486	1,164	35.7	48.9	27.3	31.6
100,001 to 200,000	69	93	77	28	1,816	1,967	2,685	1,077	37.9	47.1	28.6	26.4
200,001 to 500,000	60	73	44	28	1,588	1,765	1,527	1,012	37.6	41.4	28.7	27.3
Over 500,000	59	54	52	Q	1,367	1,190	2,082	1,325	43.1	45.4	24.9	39.2
Principal Building Activity												
Education	51	113	47	48	1,347	2,184	2,291	1,222	38.2	51.8	20.6	39.6
Food Sales	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Food Service	Q	50	87	Q	Q	379	623	Q	Q	133.2	139.3	Q
Health Care	47	64	87	38	464	657	987	436	100.9	97.0	88.4	86.1
Inpatient	41	50	80	27	351	395	812	247	117.4	127.2	98.6	108.1
Outpatient	Q	14	Q	Q	Q	262	Q	Q	Q	51.5	Q	Q
Lodging	35	66	55	52	982	1,015	1,338	920	Q	65.0	41.1	56.6
Mercantile	49	82	74	51	1,366	1,669	3,097	1,739	36.0	49.0	23.9	29.1
Retail (Other Than Mall)	16	37	23	12	385	688	1,148	645	42.3	54.1	20.4	18.3
Enclosed and Strip Malls	33	45	51	39	981	981	1,949	1,094	33.6	45.5	26.0	35.6
Office	89	104	33	35	2,301	2,447	1,915	1,544	38.8	42.3	17.2	23.0
Public Assembly	16	43	22	18	712	770	699	542	Q	56.4	32.1	32.4
Public Order and Safety	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Religious Worship	15	37	20	8	384	899	923	424	38.4	41.4	21.7	18.1
Service	23	57	28	Q	368	934	822	Q	62.2	61.3	34.6	Q
Warehouse and Storage	25	61	20	Q	985	1,921	1,617	971	25.8	31.9	12.1	Q
Other	45	Q	Q	Q	531	Q	Q	Q	85.5	Q	Q	Q
Vacant	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Year Constructed												
Before 1920	42	66	Q	Q	956	1,175	Q	Q	43.7	56.4	Q	Q
1920 to 1945	90	94	23	18	1,919	1,344	790	722	47.0	69.6	28.8	25.6
1946 to 1959	57	88	47	24	1,461	1,746	1,012	637	39.0	50.2	46.9	37.7
1960 to 1969	63	102	55	48	1,385	2,023	1,555	1,176	45.8	50.3	35.3	40.4
1970 to 1979	64	153	81	91	1,326	3,018	2,690	1,760	48.2	50.8	30.1	52.0
1980 to 1989	47	89	110	82	1,256	1,601	3,108	1,862	37.7	55.4	35.3	44.3
1990 to 1999	50	100	133	52	1,117	2,262	4,203	1,624	44.7	44.1	31.5	32.2
2000 to 2003	35	37	44	21	742	973	1,506	879	46.6	38.0	29.3	23.4
Climate Zone: 30-Year Average												
Under 2,000 CDD and --												
More than 7,000 HDD	Q	249	N	138	Q	4,665	N	2,521	51.1	53.4	N	54.9
5,500-7,000 HDD	207	435	N	73	4,188	8,633	N	1,302	49.4	50.4	N	55.8
4,000-5,499 HDD	175	44	123	15	4,676	846	2,992	456	37.4	51.7	41.1	33.0
Fewer than 4,000 HDD	N	N	269	108	N	N	7,577	4,219	N	N	35.6	25.6
2,000 CDD or More and --												
Fewer than 4,000 HDD	N	N	119	15	N	N	4,690	408	N	N	25.3	37.8

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	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West
All Buildings	448	728	511	350	10,162	14,144	15,260	8,907	44.1	51.5	33.5	39.3
Number of Establishments												
One	287	507	366	258	5,740	9,415	9,850	5,513	50.1	53.9	37.1	46.8
2 to 5	79	145	78	47	2,111	2,727	2,379	1,499	37.3	53.2	32.6	31.2
6 to 10	32	26	Q	17	677	574	Q	477	46.6	45.3	Q	34.8
11 to 20	Q	22	24	Q	Q	418	845	Q	Q	51.8	28.5	Q
More than 20	Q	Q	25	Q	Q	Q	1,448	Q	Q	Q	16.9	Q
Currently Unoccupied	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Energy Sources (more than one may apply)												
Electricity	448	728	511	350	10,162	14,143	15,254	8,907	44.1	51.5	33.5	39.3
Natural Gas	448	728	511	350	10,162	14,144	15,260	8,907	44.1	51.5	33.5	39.3
Fuel Oil	153	138	137	79	4,049	2,200	3,356	1,691	37.8	62.6	40.8	46.8
District Heat	Q	14	14	Q	799	680	811	Q	19.3	21.0	16.7	Q
Energy End Uses (more than one may apply)												
Buildings with Space Heating	446	727	509	333	10,146	14,112	15,012	8,534	43.9	51.5	33.9	39.0
Buildings with Cooling	416	680	503	327	9,521	13,037	15,041	8,257	43.7	52.2	33.5	39.6
Buildings with Water Heating	435	706	493	340	9,739	13,379	14,408	8,360	44.7	52.8	34.2	40.7
Annual Consumption (hundred cubic feet)												
1,000 or Less	4	11	12	9	895	698	1,656	1,149	Q	16.1	7.0	7.9
1,001 to 5,000	52	89	76	40	1,776	2,907	3,731	1,969	29.4	30.6	20.4	20.3
5,001 to 10,000	50	102	69	44	1,078	2,085	2,570	1,215	46.8	49.1	26.8	36.1
10,001 to 25,000	83	134	93	80	2,115	2,462	2,442	1,585	39.4	54.3	38.1	50.7
25,001 to 50,000	60	123	79	61	1,614	2,345	1,879	962	37.3	52.6	42.3	63.5
50,001 to 100,000	44	94	60	37	823	1,645	1,349	899	53.8	57.1	44.2	40.8
Over 100,000	153	175	122	79	1,860	2,003	1,632	1,128	82.5	87.2	75.1	69.9

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.