

**Table C32A. Natural Gas Consumption and Conditional Energy Intensity by Year Constructed 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)		
	1959 or Before	1960 to 1989	1990 to 2003	1959 or Before	1960 to 1989	1990 to 2003	1959 or Before	1960 to 1989	1990 to 2003
<b>All Buildings</b> .....	580	986	471	12,407	22,762	13,304	46.8	43.3	35.4
<b>Building Floorspace (Square Feet)</b>									
1,001 to 5,000 .....	86	103	61	1,245	1,271	659	69.0	81.0	92.1
5,001 to 10,000 .....	57	101	60	1,154	1,932	883	49.4	52.3	67.6
10,001 to 25,000 .....	105	174	65	2,452	3,390	1,982	42.6	51.2	32.7
25,001 to 50,000 .....	92	117	62	1,895	3,008	1,702	48.4	38.7	36.3
50,001 to 100,000 .....	70	131	69	1,672	3,629	2,198	41.6	36.0	31.2
100,001 to 200,000 .....	64	137	66	1,538	3,363	2,644	41.8	40.7	24.8
200,001 to 500,000 .....	45	108	51	1,520	2,874	1,499	29.9	37.5	34.2
Over 500,000 .....	62	117	38	933	3,294	1,737	66.4	35.4	22.0
<b>Principal Building Activity</b>									
Education .....	109	110	41	2,581	2,816	1,648	42.3	39.2	24.6
Food Sales .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Food Service .....	47	72	78	491	422	482	95.8	169.4	162.6
Health Care .....	66	131	39	633	1,410	501	104.1	92.6	77.5
Inpatient .....	58	112	28	444	1,141	220	130.2	98.3	128.2
Outpatient .....	Q	18	11	Q	269	282	Q	68.4	37.9
Lodging .....	38	129	41	Q	2,123	1,154	Q	61.0	35.7
Mercantile .....	43	142	71	984	4,028	2,859	43.6	35.3	24.7
Retail (Other Than Mall) .....	34	27	27	675	1,028	1,162	50.5	26.7	23.4
Enclosed and Strip Malls .....	Q	115	43	Q	2,999	1,696	Q	38.3	25.6
Office .....	91	129	42	2,109	4,459	1,640	43.0	29.0	25.3
Public Assembly .....	30	43	26	1,047	965	711	Q	45.0	36.4
Public Order and Safety .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Religious Worship .....	37	29	14	1,086	943	600	33.7	31.2	22.7
Service .....	35	64	37	608	1,278	610	57.0	49.9	59.8
Warehouse and Storage .....	35	64	29	1,039	2,667	1,788	33.8	24.0	16.4
Other .....	Q	Q	29	Q	408	521	Q	75.7	Q
Vacant .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Census Region and Division</b>									
Northeast .....	189	175	84	4,337	3,967	1,858	43.6	44.0	45.5
New England .....	33	31	Q	747	657	Q	44.4	47.1	Q
Middle Atlantic .....	156	144	64	3,590	3,309	1,402	43.4	43.4	45.7
Midwest .....	247	344	137	4,266	6,643	3,235	58.0	51.8	42.3
East North Central .....	182	272	95	3,204	4,911	2,242	56.9	55.4	42.6
West North Central .....	65	72	41	1,063	1,733	993	61.3	41.4	41.6
South .....	88	246	177	2,198	7,353	5,709	40.2	33.4	30.9
South Atlantic .....	Q	94	96	1,012	2,920	3,353	47.9	32.3	28.5
East South Central .....	12	67	25	409	1,256	856	29.4	53.3	29.3
West South Central .....	28	85	56	777	3,177	1,499	36.0	26.6	37.2
West .....	55	222	73	1,606	4,799	2,502	34.4	46.2	29.1
Mountain .....	22	131	31	395	1,923	946	56.4	68.4	32.7
Pacific .....	33	90	42	1,211	2,876	1,557	27.3	31.3	26.9
<b>Climate Zone: 30-Year Average</b>									
Under 2,000 CDD and --									
More than 7,000 HDD .....	142	219	92	2,256	3,802	2,428	63.1	57.7	38.1
5,500-7,000 HDD .....	217	370	127	4,287	6,761	3,075	50.7	54.8	41.4
4,000-5,499 HDD .....	132	144	81	3,245	3,794	1,932	40.7	37.8	41.9
Fewer than 4,000 HDD .....	71	186	121	2,044	5,751	4,002	34.9	32.3	30.2
2,000 CDD or More and --									
Fewer than 4,000 HDD .....	17	67	49	576	2,654	1,868	30.3	25.4	26.4

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	1959 or Before	1960 to 1989	1990 to 2003	1959 or Before	1960 to 1989	1990 to 2003	1959 or Before	1960 to 1989	1990 to 2003
<b>All Buildings</b> .....	580	986	471	12,407	22,762	13,304	46.8	43.3	35.4
<b>Number of Establishments</b>									
One .....	421	670	327	8,689	13,334	8,496	48.4	50.3	38.5
2 to 5 .....	102	158	88	2,291	4,006	2,419	44.6	39.5	36.3
6 to 10 .....	17	52	24	417	1,255	726	40.4	41.4	32.6
11 to 20 .....	Q	44	15	Q	1,221	609	Q	35.9	23.9
More than 20 .....	Q	49	Q	Q	2,399	Q	Q	20.6	Q
Currently Unoccupied .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Energy Sources (more than one may apply)</b>									
Electricity .....	580	986	471	12,400	22,762	13,304	46.8	43.3	35.4
Natural Gas .....	580	986	471	12,407	22,762	13,304	46.8	43.3	35.4
Fuel Oil .....	139	260	108	3,178	5,413	2,705	43.8	48.0	39.9
District Heat .....	Q	25	Q	667	1,135	Q	Q	22.3	Q
<b>Energy End Uses (more than one may apply)</b>									
Buildings with Space Heating .....	576	976	463	12,297	22,465	13,041	46.8	43.4	35.5
Buildings with Cooling .....	512	954	462	10,974	21,921	12,962	46.6	43.5	35.6
Buildings with Water Heating .....	554	960	460	11,329	21,766	12,791	48.9	44.1	35.9
<b>Annual Consumption (hundred cubic feet)</b>									
1,000 or Less .....	14	15	7	1,638	1,684	1,077	8.6	8.9	6.4
1,001 to 5,000 .....	93	107	57	2,931	4,690	2,763	31.6	22.9	20.7
5,001 to 10,000 .....	76	116	73	1,511	3,224	2,213	50.0	36.1	33.2
10,001 to 25,000 .....	119	185	86	2,352	3,733	2,520	50.4	49.7	34.2
25,001 to 50,000 .....	76	157	91	1,530	3,121	2,149	49.8	50.2	42.4
50,001 to 100,000 .....	53	134	47	824	2,876	1,015	64.3	46.6	46.6
Over 100,000 .....	150	271	109	1,622	3,434	1,567	92.6	78.8	69.3

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/cbeecs>.

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.