

Table C23A. Total Natural Gas Consumption and Expenditures in All Buildings, 2003

	All Buildings Using Natural Gas			Natural Gas Consumption		Natural Gas Expenditures
	Number of Buildings (thousand)	Floorspace (million square feet)	Floorspace per Building (thousand square feet)	Total (trillion Btu)	Total (billion cubic feet)	Total (million dollars)
All Buildings	2,538	48,473	19.1	2,100	2,037	16,010
Building Floorspace (Square Feet)						
1,001 to 5,000	1,134	3,175	2.8	257	249	2,227
5,001 to 10,000	531	3,969	7.5	224	218	1,830
10,001 to 25,000	500	7,824	15.6	353	343	2,897
25,001 to 50,000	185	6,604	35.8	278	270	2,054
50,001 to 100,000	107	7,500	70.3	277	269	2,140
100,001 to 200,000	54	7,545	138.5	275	267	1,964
200,001 to 500,000	20	5,892	291.5	211	204	1,396
Over 500,000	6	5,964	951.0	224	217	1,502
Principal Building Activity						
Education	213	7,045	33.1	268	260	1,889
Food Sales	98	747	7.6	39	37	332
Food Service	226	1,396	6.2	203	197	1,615
Health Care	72	2,544	35.5	243	235	1,538
Inpatient	7	1,805	257.0	204	198	1,241
Outpatient	65	739	11.4	38	37	297
Lodging	86	4,256	49.7	215	208	1,581
Mercantile	392	7,871	20.1	264	256	2,204
Retail (Other Than Mall)	245	2,866	11.7	91	89	719
Enclosed and Strip Malls	146	5,005	34.2	172	167	1,486
Office	488	8,208	16.8	269	261	2,201
Public Assembly	146	2,723	18.6	102	99	775
Public Order and Safety	36	637	17.7	29	28	234
Religious Worship	220	2,629	11.9	82	80	664
Service	281	2,496	8.9	139	135	1,096
Warehouse and Storage	187	5,494	29.4	132	128	976
Other	45	1,252	27.9	87	85	684
Vacant	49	1,176	24.2	28	27	220
Year Constructed						
Before 1920	203	2,774	13.6	143	139	1,136
1920 to 1945	344	4,776	13.9	232	225	1,734
1946 to 1959	322	4,857	15.1	223	216	1,668
1960 to 1969	327	6,140	18.8	276	268	2,064
1970 to 1979	425	8,795	20.7	402	390	2,877
1980 to 1989	343	7,828	22.8	339	328	2,685
1990 to 1999	448	9,205	20.5	345	334	2,722
2000 to 2003	125	4,099	32.7	140	136	1,125
Census Region and Division						
Northeast	428	10,162	23.7	462	448	3,883
New England	91	1,861	20.5	87	85	806
Middle Atlantic	337	8,301	24.6	375	364	3,076
Midwest	839	14,144	16.9	751	728	5,215
East North Central	577	10,356	18.0	567	550	3,968
West North Central	262	3,788	14.5	184	178	1,246
South	767	15,260	19.9	527	511	4,356
South Atlantic	334	7,286	21.8	246	238	2,225
East South Central	166	2,521	15.2	107	104	869
West South Central	267	5,453	20.4	174	168	1,262
West	504	8,907	17.7	360	350	2,557
Mountain	202	3,263	16.1	190	185	1,252
Pacific	301	5,644	18.7	170	165	1,305

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All Buildings	2,538	48,473	19.1	2,100	2,037	16,010
Climate Zone: 30-Year Average						
Under 2,000 CDD and --						
More than 7,000 HDD	514	8,486	16.5	468	454	3,329
5,500-7,000 HDD	768	14,122	18.4	737	715	5,416
4,000-5,499 HDD	373	8,970	24.0	368	356	2,989
Fewer than 4,000 HDD	683	11,796	17.3	389	378	3,218
2,000 CDD or More and --						
Fewer than 4,000 HDD	199	5,098	25.6	138	134	1,058
Number of Establishments						
One	1,912	30,518	16.0	1,462	1,418	10,950
2 to 5	460	8,715	18.9	359	348	2,838
6 to 10	86	2,397	27.8	95	92	782
11 to 20	28	2,223	80.5	69	67	555
More than 20	15	3,686	Q	96	93	743
Currently Unoccupied	37	933	25.6	18	18	142
Energy Sources (more than one may apply)						
Electricity	2,536	48,466	19.1	2,100	2,037	16,009
Natural Gas	2,538	48,473	19.1	2,100	2,037	16,010
Fuel Oil	143	11,296	79.1	523	507	3,676
District Heat	25	2,577	104.0	48	47	333
Energy End Uses (more than one may apply)						
Buildings with Space Heating	2,485	47,804	19.2	2,077	2,014	15,821
Buildings with Cooling	2,287	45,856	20.0	1,987	1,927	15,141
Buildings with Water Heating	2,259	45,886	20.3	2,035	1,974	15,453
Annual Consumption (hundred cubic feet)						
1,000 or Less	682	4,398	6.4	37	36	417
1,001 to 5,000	1,069	10,384	9.7	265	257	2,383
5,001 to 10,000	375	6,948	18.5	274	265	2,291
10,001 to 25,000	259	8,604	33.2	402	390	3,150
25,001 to 50,000	97	6,800	70.2	334	324	2,524
50,001 to 100,000	34	4,715	139.8	242	234	1,635
Over 100,000	22	6,623	306.8	546	529	3,611

See "Guide to the Tables" or "Glossary" for further explanations of the terms used in this table. Both can be accessed from the CB ECS 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.