

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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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
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.

Table C24A. Natural Gas Consumption and Expenditure Intensities for All Buildings, 2003

	Natural Gas Consumption					Natural Gas Expenditures		
	per Building (thousand cubic feet)	per Square Foot (cubic feet)	Distribution of Building-Level Intensities (cubic feet/square foot)			per Building (thousand dollars)	per Square Foot (dollars)	per Thousand Cubic Feet (dollars)
			25th Percentile	Median	75th Percentile			
All Buildings	803	42.0	17.9	37.4	71.0	6.3	0.33	7.86
Building Floorspace (Square Feet)								
1,001 to 5,000	220	78.6	23.8	46.8	92.0	2.0	0.70	8.93
5,001 to 10,000	410	54.8	15.0	29.6	66.2	3.4	0.46	8.41
10,001 to 25,000	685	43.8	16.2	31.0	55.9	5.8	0.37	8.45
25,001 to 50,000	1,464	40.9	16.0	31.0	55.4	11.1	0.31	7.60
50,001 to 100,000	2,519	35.8	10.8	28.6	48.9	20.1	0.29	7.97
100,001 to 200,000	4,898	35.4	6.4	23.8	51.9	36.1	0.26	7.36
200,001 to 500,000	10,109	34.7	10.0	23.2	47.2	69.1	0.24	6.83
Over 500,000	34,579	36.4	4.0	17.5	48.8	239.4	0.25	6.92
Principal Building Activity								
Education	1,223	36.9	14.9	31.9	60.8	8.9	0.27	7.27
Food Sales	383	50.2	18.9	39.8	69.4	3.4	0.44	8.85
Food Service	870	141.2	77.0	150.3	301.8	7.1	1.16	8.20
Health Care	3,283	92.5	19.1	40.1	65.7	21.5	0.60	6.54
Inpatient	28,222	109.8	77.1	112.3	145.1	176.8	0.69	6.26
Outpatient	574	50.2	16.2	34.2	56.0	4.6	0.40	8.01
Lodging	2,432	48.9	19.8	36.7	76.4	18.5	0.37	7.59
Mercantile	653	32.5	18.4	34.0	70.2	5.6	0.28	8.62
Retail (Other Than Mall)	362	30.9	16.5	28.7	66.8	2.9	0.25	8.11
Enclosed and Strip Malls	1,142	33.4	23.2	41.7	71.8	10.1	0.30	8.89
Office	535	31.8	17.2	35.7	56.9	4.5	0.27	8.42
Public Assembly	678	36.4	13.0	28.9	53.5	5.3	0.28	7.83
Public Order and Safety	771	43.7	26.6	49.8	76.8	6.5	0.37	8.43
Religious Worship	362	30.3	12.9	29.5	53.0	3.0	0.25	8.33
Service	481	54.1	22.9	44.5	82.6	3.9	0.44	8.12
Warehouse and Storage	687	23.4	9.3	22.1	37.5	5.2	0.18	7.60
Other	1,885	67.6	22.6	46.3	82.8	15.3	0.55	8.09
Vacant	557	23.0	7.4	21.7	44.6	4.5	0.19	8.14
Year Constructed								
Before 1920	684	50.2	24.6	45.9	70.7	5.6	0.41	8.17
1920 to 1945	654	47.1	17.5	34.5	68.2	5.0	0.36	7.71
1946 to 1959	671	44.5	21.9	39.0	76.5	5.2	0.34	7.72
1960 to 1969	819	43.6	19.1	39.6	70.9	6.3	0.34	7.71
1970 to 1979	917	44.3	19.9	37.7	73.7	6.8	0.33	7.38
1980 to 1989	957	42.0	15.9	32.2	71.8	7.8	0.34	8.17
1990 to 1999	746	36.3	15.2	31.9	69.6	6.1	0.30	8.14
2000 to 2003	1,087	33.2	13.7	35.0	67.0	9.0	0.27	8.26
Census Region and Division								
Northeast	1,047	44.1	22.9	45.2	79.2	9.1	0.38	8.66
New England	932	45.4	21.9	41.1	65.0	8.9	0.43	9.54
Middle Atlantic	1,078	43.8	24.2	48.4	81.8	9.1	0.37	8.46
Midwest	868	51.5	25.9	46.3	80.2	6.2	0.37	7.16
East North Central	953	53.1	27.4	47.7	84.0	6.9	0.38	7.22
West North Central	680	47.0	23.4	45.2	74.1	4.8	0.33	7.00
South	666	33.5	12.8	26.4	54.5	5.7	0.29	8.53
South Atlantic	713	32.7	13.4	30.3	55.7	6.7	0.31	9.33
East South Central	629	41.3	14.4	24.9	45.9	5.2	0.34	8.35
West South Central	630	30.9	9.9	25.2	58.9	4.7	0.23	7.49
West	694	39.3	11.7	27.4	59.9	5.1	0.29	7.31
Mountain	913	56.6	28.4	50.3	90.9	6.2	0.38	6.78
Pacific	547	29.2	8.2	17.3	39.8	4.3	0.23	7.91

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Table C24A. Natural Gas Consumption and Expenditure Intensities for All Buildings, 2003

	Natural Gas Consumption					Natural Gas Expenditures		
	per Building (thousand cubic feet)	per Square Foot (cubic feet)	Distribution of Building-Level Intensities (cubic feet/square foot)					
			25th Per-centile	Median	75th Per-centile	per Building (thousand dollars)	per Square Foot (dollars)	per Thousand Cubic Feet (dollars)
All Buildings	803	42.0	17.9	37.4	71.0	6.3	0.33	7.86
Climate Zone: 30-Year Average								
Under 2,000 CDD and --.....								
More than 7,000 HDD	883	53.5	29.6	48.1	84.4	6.5	0.39	7.33
5,500-7,000 HDD	931	50.6	25.9	46.4	80.2	7.1	0.38	7.58
4,000-5,499 HDD	954	39.7	20.2	38.4	71.3	8.0	0.33	8.39
Fewer than 4,000 HDD	553	32.0	11.7	23.4	45.9	4.7	0.27	8.52
2,000 CDD or More and --								
Fewer than 4,000 HDD	674	26.3	6.4	16.1	47.9	5.3	0.21	7.90
Number of Establishments								
One	742	46.5	19.3	38.4	74.4	5.7	0.36	7.72
2 to 5	757	40.0	16.3	36.3	66.9	6.2	0.33	8.15
6 to 10	1,074	38.6	17.1	39.5	57.4	9.1	0.33	8.45
11 to 20	2,431	30.2	11.9	26.4	51.9	20.1	0.25	8.26
More than 20	Q	25.3	9.1	30.1	40.3	Q	0.20	7.98
Currently Unoccupied	480	18.8	8.4	21.7	47.1	3.9	0.15	8.10
Energy Sources (more than one may apply)								
Electricity	803	42.0	17.9	37.4	70.9	6.3	0.33	7.86
Natural Gas	803	42.0	17.9	37.4	71.0	6.3	0.33	7.86
Fuel Oil	3,549	44.9	12.0	35.3	65.7	25.7	0.33	7.25
District Heat	1,877	18.0	1.3	3.5	9.7	13.4	0.13	7.15
Energy End Uses (more than one may apply)								
Buildings with Space Heating	811	42.1	18.8	37.7	71.3	6.4	0.33	7.85
Buildings with Cooling	842	42.0	18.0	36.9	71.3	6.6	0.33	7.86
Buildings with Water Heating	874	43.0	19.3	39.4	74.5	6.8	0.34	7.83
Annual Consumption (hundred cubic feet)								
1,000 or Less	53	8.2	6.6	15.2	30.6	0.6	0.09	11.59
1,001 to 5,000	241	24.8	21.9	38.8	68.0	2.2	0.23	9.27
5,001 to 10,000	707	38.2	35.0	62.2	142.4	6.1	0.33	8.63
10,001 to 25,000	1,508	45.4	38.9	73.1	150.3	12.2	0.37	8.07
25,001 to 50,000	3,347	47.6	42.3	69.7	150.1	26.1	0.37	7.79
50,001 to 100,000	6,948	49.7	40.1	73.3	117.7	48.5	0.35	6.98
Over 100,000	24,523	79.9	55.3	90.2	137.8	167.3	0.55	6.82

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.

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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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
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.

Table C26A. Natural Gas Expenditures by Census Region for All Buildings, 2003

	Total Natural Gas Expenditures (million dollars)				Natural Gas Expenditures (dollars)							
					per Thousand Cubic Feet				per Square Foot			
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West
All Buildings	3,883	5,215	4,356	2,557	8.66	7.16	8.53	7.31	0.38	0.37	0.29	0.29
Building Floorspace (Square Feet)												
1,001 to 5,000	489	788	632	318	9.87	8.58	9.30	7.95	0.89	0.73	0.69	0.51
5,001 to 10,000	358	485	632	356	9.16	7.67	9.14	7.69	0.54	0.46	0.44	0.44
10,001 to 25,000	576	1,060	760	500	9.85	7.97	9.40	7.10	0.45	0.40	0.33	0.32
25,001 to 50,000	440	798	459	357	9.23	6.54	8.75	7.43	0.42	0.33	0.26	0.26
50,001 to 100,000	602	693	582	263	9.16	7.06	8.57	7.14	0.33	0.34	0.23	0.23
100,001 to 200,000	488	634	650	192	7.09	6.84	Q	6.76	0.27	0.32	0.24	0.18
200,001 to 500,000	457	442	319	179	7.64	6.05	7.26	6.47	0.29	0.25	0.21	0.18
Over 500,000	472	315	323	Q	8.01	5.84	6.22	7.53	0.35	0.26	0.16	0.30
Principal Building Activity												
Education	412	740	397	339	8.02	6.55	8.42	7.01	0.31	0.34	0.17	0.28
Food Sales	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Food Service	Q	355	747	Q	Q	7.04	8.61	Q	Q	0.94	1.20	Q
Health Care	310	381	630	217	6.62	5.98	7.23	5.79	0.67	0.58	0.64	0.50
Inpatient	255	279	565	143	6.19	5.55	7.05	5.36	0.73	0.71	0.69	0.58
Outpatient	Q	103	Q	Q	Q	7.60	Q	Q	Q	0.39	Q	Q
Lodging	295	419	447	Q	8.44	6.34	8.12	8.06	Q	0.41	0.33	0.46
Mercantile	471	645	702	386	9.56	7.88	9.48	7.63	0.34	0.39	0.23	0.22
Retail (Other Than Mall)	141	274	212	91	8.69	7.38	9.06	7.73	0.37	0.40	0.18	0.14
Enclosed and Strip Malls	329	371	490	295	9.99	8.31	9.67	7.60	0.34	0.38	0.25	0.27
Office	827	826	287	261	9.27	7.97	8.71	7.34	0.36	0.34	0.15	0.17
Public Assembly	142	315	188	129	9.11	7.26	8.39	7.36	Q	0.41	0.27	0.24
Public Order and Safety	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Religious Worship	142	285	176	61	9.61	7.66	8.80	7.95	0.37	0.32	0.19	0.14
Service	Q	438	260	Q	Q	7.66	9.16	Q	Q	0.47	0.32	Q
Warehouse and Storage	234	399	187	Q	9.19	6.50	9.57	7.07	0.24	0.21	0.12	0.16
Other	355	Q	Q	Q	7.81	Q	Q	Q	0.67	Q	Q	Q
Vacant	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Year Constructed												
Before 1920	393	502	Q	Q	9.38	7.58	Q	Q	0.41	0.43	Q	Q
1920 to 1945	804	582	208	140	8.91	6.23	9.14	7.56	0.42	0.43	0.26	0.19
1946 to 1959	442	658	403	165	7.76	7.51	Q	6.85	0.30	0.38	0.40	0.26
1960 to 1969	565	705	457	337	8.91	6.93	8.32	7.08	0.41	0.35	0.29	0.29
1970 to 1979	559	1,056	625	636	8.75	6.89	7.72	6.95	0.42	0.35	0.23	0.36
1980 to 1989	435	678	946	626	9.18	7.64	8.61	7.59	0.35	0.42	0.30	0.34
1990 to 1999	395	724	1,192	411	7.91	7.26	8.99	7.87	0.35	0.32	0.28	0.25
2000 to 2003	291	309	377	148	8.42	8.35	8.56	7.19	0.39	0.32	0.25	0.17
Climate Zone: 30-Year Average												
Under 2,000 CDD and --												
More than 7,000 HDD	Q	1,924	N	867	8.11	7.72	N	6.26	0.41	0.41	N	0.34
5,500-7,000 HDD	1,791	3,048	N	577	8.65	7.00	N	7.95	0.43	0.35	N	0.44
4,000-5,499 HDD	1,553	243	1,088	105	8.89	5.56	8.85	6.99	0.33	0.29	0.36	0.23
Fewer than 4,000 HDD	N	N	2,330	888	N	N	8.65	8.21	N	N	0.31	0.21
2,000 CDD or More and --												
Fewer than 4,000 HDD	N	N	939	120	N	N	7.92	7.76	N	N	0.20	0.29
Number of Establishments												
One	2,391	3,580	3,100	1,879	8.32	7.06	8.48	7.29	0.42	0.38	0.31	0.34
2 to 5	738	1,088	669	343	9.37	7.50	8.63	7.32	0.35	0.40	0.28	0.23
6 to 10	297	192	Q	126	9.41	7.38	Q	7.57	0.44	0.33	Q	0.26
11 to 20	Q	163	204	Q	Q	7.53	8.48	Q	Q	0.39	0.24	Q
More than 20	Q	Q	207	Q	Q	Q	8.44	Q	Q	Q	0.14	Q
Currently Unoccupied	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q

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Table C26A. Natural Gas Expenditures by Census Region for All Buildings, 2003

	Total Natural Gas Expenditures (million dollars)				Natural Gas Expenditures (dollars)							
					per Thousand Cubic Feet				per Square Foot			
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West
All Buildings	3,883	5,215	4,356	2,557	8.66	7.16	8.53	7.31	0.38	0.37	0.29	0.29
Energy Sources (more than one may apply)												
Electricity	3,883	5,214	4,356	2,557	8.66	7.16	8.53	7.31	0.38	0.37	0.29	0.29
Natural Gas	3,883	5,215	4,356	2,557	8.66	7.16	8.53	7.31	0.38	0.37	0.29	0.29
Fuel Oil	1,210	850	1,037	579	7.90	6.17	7.57	7.32	0.30	0.39	0.31	0.34
District Heat	113	Q	107	Q	7.33	6.43	7.92	Q	0.14	0.14	0.13	Q
Energy End Uses (more than one may apply)												
Buildings with Space Heating	3,862	5,205	4,338	2,416	8.66	7.16	8.52	7.26	0.38	0.37	0.29	0.28
Buildings with Cooling	3,624	4,838	4,289	2,391	8.71	7.11	8.52	7.30	0.38	0.37	0.29	0.29
Buildings with Water Heating	3,759	5,041	4,171	2,483	8.64	7.14	8.46	7.31	0.39	0.38	0.29	0.30
Annual Consumption (hundred cubic feet)												
1,000 or Less	57	116	146	98	13.78	10.34	12.61	10.83	Q	0.17	0.09	0.09
1,001 to 5,000	548	771	748	317	10.47	8.67	9.85	7.90	0.31	0.27	0.20	0.16
5,001 to 10,000	502	822	633	333	9.95	8.03	9.19	7.60	0.47	0.39	0.25	0.27
10,001 to 25,000	764	1,003	807	575	9.16	7.51	8.68	7.16	0.36	0.41	0.33	0.36
25,001 to 50,000	491	919	675	439	8.15	7.45	8.50	7.20	0.30	0.39	0.36	0.46
50,001 to 100,000	373	526	486	249	8.44	5.60	8.16	6.81	0.45	0.32	0.36	0.28
Over 100,000	1,147	1,058	860	545	7.48	6.05	7.02	6.92	0.62	0.53	0.53	0.48

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.

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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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
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.

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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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
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.

Table C29A. Natural Gas Consumption and Conditional Energy Intensity by Census Division for All Buildings, 2003: Part 3

	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 South Central	Mountain	Pacific	West South Central	Mountain	Pacific	West South Central	Mountain	Pacific
All Buildings	168	185	165	5,453	3,263	5,644	30.9	56.6	29.2
Building Floorspace (Square Feet)									
1,001 to 5,000	29	18	Q	334	266	363	87.9	68.5	60.2
5,001 to 10,000	25	Q	Q	545	291	514	45.6	62.7	54.4
10,001 to 25,000	20	45	26	626	699	844	32.1	63.9	30.6
25,001 to 50,000	18	25	23	552	521	831	32.8	48.4	27.4
50,001 to 100,000	21	Q	21	992	Q	821	20.7	Q	25.9
100,001 to 200,000	20	Q	15	958	Q	754	21.4	Q	19.3
200,001 to 500,000	Q	Q	14	502	Q	687	21.0	Q	20.6
Over 500,000	Q	Q	Q	Q	Q	Q	Q	Q	Q
Principal Building Activity									
Education	16	21	28	797	420	802	20.6	48.8	34.8
Food Sales	Q	Q	Q	Q	Q	Q	Q	Q	Q
Food Service	37	Q	Q	211	Q	Q	175.7	Q	Q
Health Care	26	19	19	282	162	274	91.4	115.5	68.7
Inpatient	23	Q	Q	235	Q	Q	96.0	Q	Q
Outpatient	Q	Q	Q	Q	Q	Q	Q	Q	Q
Lodging	Q	Q	16	Q	Q	515	Q	Q	31.5
Mercantile	24	29	21	1,185	656	1,083	20.3	44.7	19.7
Retail (Other Than Mall)	7	Q	5	436	Q	455	16.2	Q	11.4
Enclosed and Strip Malls	17	Q	Q	750	Q	Q	22.7	Q	Q
Office	12	19	17	Q	379	1,165	15.2	50.0	14.2
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	336	Q	Q	19.4	Q	Q
Service	Q	Q	Q	Q	Q	Q	Q	Q	Q
Warehouse and Storage	Q	Q	Q	614	Q	Q	11.3	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	8	Q	13	271	Q	601	29.9	Q	21.4
1946 to 1959	14	Q	16	380	Q	495	37.2	Q	31.7
1960 to 1969	14	29	19	574	464	713	25.2	62.4	26.1
1970 to 1979	33	61	30	1,276	897	863	25.9	68.4	34.9
1980 to 1989	37	41	41	1,327	562	1,300	27.9	73.3	31.8
1990 to 1999	42	20	32	1,022	548	1,076	40.7	36.6	29.9
2000 to 2003	14	Q	10	477	Q	481	29.9	Q	20.1
Climate Zone: 30-Year Average									
Under 2,000 CDD and --									
More than 7,000 HDD	N	116	Q	N	2,019	Q	N	57.4	44.6
5,500-7,000 HDD	N	60	13	N	919	383	N	64.9	33.7
4,000-5,499 HDD	Q	N	15	Q	N	456	Q	N	33.0
Fewer than 4,000 HDD	77	N	108	2,020	N	4,219	38.1	N	25.6
2,000 CDD or More and --									
Fewer than 4,000 HDD	80	9	Q	3,205	325	Q	24.9	27.9	Q

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Table C29A. Natural Gas Consumption and Conditional Energy Intensity by Census Division for All Buildings, 2003: Part 3

	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 South Central	Mountain	Pacific	West South Central	Mountain	Pacific	West South Central	Mountain	Pacific
All Buildings	168	185	165	5,453	3,263	5,644	30.9	56.6	29.2
Number of Establishments									
One	110	141	117	3,306	2,214	3,299	33.4	63.5	35.5
2 to 5	34	20	27	870	470	1,029	39.0	42.8	26.0
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	168	185	165	5,448	3,263	5,644	30.9	56.6	29.2
Natural Gas	168	185	165	5,453	3,263	5,644	30.9	56.6	29.2
Fuel Oil	36	Q	38	Q	476	1,215	29.7	86.7	31.2
District Heat	Q	Q	Q	Q	Q	Q	Q	Q	Q
Energy End Uses (more than one may apply)									
Buildings with Space Heating	168	182	151	5,349	3,168	5,366	31.3	57.5	28.1
Buildings with Cooling	167	178	150	5,358	3,091	5,166	31.1	57.5	29.0
Buildings with Water Heating	160	181	159	5,010	3,123	5,237	31.9	58.1	30.3
Annual Consumption (hundred cubic feet)									
1,000 or Less	4	Q	7	773	Q	930	5.4	Q	7.1
1,001 to 5,000	22	20	20	1,260	617	1,352	17.1	32.9	14.6
5,001 to 10,000	26	23	21	986	427	788	26.2	53.9	26.4
10,001 to 25,000	32	Q	41	720	Q	1,057	44.0	73.7	39.1
25,001 to 50,000	36	28	33	660	533	428	55.1	53.0	76.4
50,001 to 100,000	Q	Q	Q	Q	Q	Q	Q	Q	Q
Over 100,000	33	51	28	498	603	524	66.1	84.5	53.0

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.

Table C30A. Natural Gas Consumption and Conditional Energy Intensity by Climate Zone^a 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)				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
All Buildings	454	715	356	378	134	8,486	14,122	8,970	11,796	5,098	53.5	50.6	39.7	32.0	26.3
Building Floorspace (Square Feet)															
1,001 to 5,000	57	84	35	58	16	666	1,015	427	832	234	84.8	83.1	81.9	69.6	66.6
5,001 to 10,000	50	57	33	61	17	666	1,030	639	1,243	392	75.2	54.9	51.2	49.2	44.0
10,001 to 25,000	98	121	53	55	15	1,831	2,415	1,024	1,994	561	53.7	50.1	52.1	27.5	27.4
25,001 to 50,000	61	95	56	39	19	1,340	1,963	1,138	1,662	501	45.7	48.3	49.5	23.3	37.8
50,001 to 100,000	64	97	47	45	16	1,217	2,300	1,453	1,744	786	52.3	42.2	32.7	25.9	19.8
100,001 to 200,000	38	123	34	Q	12	1,075	2,316	1,431	1,833	889	35.6	53.0	23.5	32.8	13.5
200,001 to 500,000	55	62	40	31	16	1,036	1,517	1,439	1,186	714	52.8	41.1	27.6	26.5	22.6
Over 500,000	Q	76	58	28	Q	Q	1,566	1,419	1,301	Q	Q	48.4	41.2	21.7	Q
Principal Building Activity															
Education	65	113	26	48	9	1,227	2,281	968	1,700	869	53.0	49.4	26.4	28.2	10.1
Food Sales	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Food Service	27	49	Q	64	31	174	368	Q	393	277	154.3	134.4	Q	161.9	110.9
Health Care	38	69	36	64	29	383	665	454	720	323	98.4	103.5	78.3	89.5	89.4
Inpatient	27	56	30	59	26	237	414	302	589	264	114.1	136.3	99.9	99.4	98.8
Outpatient	Q	12	Q	Q	Q	Q	251	Q	Q	Q	Q	49.4	Q	Q	Q
Lodging	34	86	36	34	18	609	1,183	958	967	538	55.5	72.8	Q	35.3	32.8
Mercantile	63	83	46	46	17	1,433	1,867	1,308	2,219	1,044	43.8	44.6	35.3	20.9	16.6
Retail (Other Than Mall)	27	27	16	16	Q	593	595	451	931	Q	46.1	45.8	36.1	17.0	Q
Enclosed and Strip Malls	35	56	30	30	Q	840	1,272	857	1,287	Q	42.2	44.1	34.9	23.7	Q
Office	60	106	60	22	14	1,252	2,575	1,977	1,539	865	48.0	41.0	30.1	14.4	16.1
Public Assembly	32	30	Q	25	Q	639	537	Q	700	Q	49.7	55.0	Q	35.4	Q
Public Order and Safety	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Religious Worship	14	38	14	13	Q	277	973	412	774	Q	49.2	38.9	32.8	16.5	Q
Service	49	37	18	23	Q	697	717	422	511	Q	70.9	52.1	Q	44.8	Q
Warehouse and Storage	33	44	33	16	Q	963	1,672	1,071	1,463	Q	34.5	26.4	30.7	11.2	Q
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Vacant	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Year Constructed															
Before 1920	55	46	25	Q	Q	832	1,048	599	Q	Q	66.4	43.6	41.9	Q	Q
1920 to 1945	49	72	77	18	Q	764	1,345	1,588	842	Q	64.8	53.3	48.5	21.2	Q
1946 to 1959	38	100	30	44	Q	660	1,894	1,058	993	Q	56.9	52.7	28.2	43.9	Q
1960 to 1969	62	106	39	42	19	1,047	2,021	1,128	1,351	593	59.2	52.4	34.3	31.1	32.2
1970 to 1979	112	139	50	64	25	1,993	2,530	1,400	1,859	1,013	56.0	55.0	36.0	34.3	24.7
1980 to 1989	46	125	54	80	23	762	2,210	1,265	2,542	1,049	60.0	56.7	43.1	31.4	22.1
1990 to 1999	69	87	51	93	34	1,735	1,988	1,202	3,012	1,267	40.0	43.8	42.4	30.9	26.9
2000 to 2003	23	40	Q	28	15	693	1,086	729	990	601	33.3	37.0	41.0	28.1	25.3
Census Region and Division															
Northeast	Q	207	175	N	N	Q	4,188	4,676	N	N	51.1	49.4	37.4	N	N
New England	Q	84	N	N	N	Q	1,848	N	N	N	Q	45.7	N	N	N
Middle Atlantic	Q	123	175	N	N	Q	2,339	4,676	N	N	51.6	52.4	37.4	N	N
Midwest	249	435	44	N	N	4,665	8,633	846	N	N	53.4	50.4	51.7	N	N
East North Central	160	390	N	N	N	2,807	7,549	N	N	N	56.9	51.7	N	N	N
West North Central	89	45	44	N	N	1,859	Q	846	N	N	48.1	Q	51.7	N	N
South	N	N	123	269	119	N	N	2,992	7,577	4,690	N	N	41.1	35.6	25.3
South Atlantic	N	N	71	143	Q	N	N	2,047	4,089	Q	N	N	34.5	35.0	21.4
East South Central	N	N	Q	Q	Q	N	N	Q	Q	Q	N	N	Q	33.5	42.7
West South Central	N	N	Q	77	80	N	N	Q	2,020	3,205	N	N	Q	38.1	24.9
West	138	73	15	108	15	2,521	1,302	456	4,219	408	54.9	55.8	33.0	25.6	37.8
Mountain	116	60	N	N	9	2,019	919	N	N	325	57.4	64.9	N	N	27.9
Pacific	Q	13	15	108	Q	Q	383	456	4,219	Q	44.6	33.7	33.0	25.6	76.8

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Table C30A. Natural Gas Consumption and Conditional Energy Intensity by Climate Zone^a 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)				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
All Buildings	454	715	356	378	134	8,486	14,122	8,970	11,796	5,098	53.5	50.6	39.7	32.0	26.3
Number of Establishments															
One	300	501	247	289	80	5,184	9,094	5,555	7,980	2,706	58.0	55.1	44.4	36.2	29.7
2 to 5	109	123	42	50	25	2,065	2,506	1,525	1,938	683	52.7	48.9	27.3	25.9	36.8
6 to 10	22	39	13	Q	Q	537	708	388	Q	Q	40.3	55.3	33.6	Q	Q
11 to 20	Q	23	Q	Q	Q	Q	551	Q	524	Q	Q	41.6	Q	29.7	Q
More than 20	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Currently Unoccupied	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Energy Sources (more than one may apply)															
Electricity	454	715	356	378	134	8,484	14,122	8,970	11,796	5,093	53.5	50.6	39.7	32.0	26.3
Natural Gas	454	715	356	378	134	8,486	14,122	8,970	11,796	5,098	53.5	50.6	39.7	32.0	26.3
Fuel Oil	85	161	131	95	36	1,381	2,636	3,788	2,045	1,447	61.5	61.0	34.5	46.3	24.8
District Heat	Q	Q	Q	Q	Q	347	922	593	Q	Q	Q	20.0	Q	Q	Q
Energy End Uses (more than one may apply)															
Buildings with Space Heating	453	713	354	363	131	8,481	14,066	8,965	11,479	4,812	53.4	50.7	39.5	31.6	27.3
Buildings with Cooling	427	666	340	361	133	7,899	12,870	8,760	11,258	5,069	54.0	51.7	38.8	32.1	26.2
Buildings with Water Heating	445	686	350	363	130	8,088	13,297	8,725	10,993	4,782	55.1	51.6	40.1	33.0	27.2
Annual Consumption (hundred cubic feet)															
1,000 or Less	7	9	4	13	3	512	715	868	1,578	726	13.5	13.0	Q	8.3	3.6
1,001 to 5,000	52	90	38	63	14	1,645	2,866	1,538	3,327	1,008	31.4	31.6	25.0	18.9	13.6
5,001 to 10,000	68	91	42	45	20	1,246	1,897	1,035	1,691	1,079	54.2	48.0	40.2	26.9	18.2
10,001 to 25,000	105	124	60	71	30	1,699	2,594	1,750	1,815	746	61.9	47.7	34.3	39.4	40.1
25,001 to 50,000	79	102	54	69	20	1,323	2,194	1,475	1,174	635	60.0	46.4	36.7	58.5	31.4
50,001 to 100,000	46	84	60	Q	Q	787	1,499	899	Q	Q	58.6	56.1	66.8	Q	Q
Over 100,000	97	214	98	83	37	1,275	2,358	1,404	1,022	564	76.2	90.8	69.8	81.2	65.8

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>.

^a Climate zone (30-year average) definitions: Zone 1 = Under 2,000 CDD and more than 7,000 HDD; Zone 2 = Under 2,000 CDD and 5,500-7,000 HDD; Zone 3 = Under 2,000 CDD and 4,000-5,499 HDD; Zone 4 = Under 2,000 CDD and fewer than 4,000 HDD; Zone 5 = 2,000 CDD or more and fewer than 4,000 HDD. (See "Glossary" for definitions of CDD and HDD.)

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.

Table C31A. Natural Gas Consumption and Conditional Energy Intensity by Building Size 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)		
	1,001 to 10,000 Square Feet	10,001 to 100,000 Square Feet	Over 100,000 Square Feet	1,001 to 10,000 Square Feet	10,001 to 100,000 Square Feet	Over 100,000 Square Feet	1,001 to 10,000 Square Feet	10,001 to 100,000 Square Feet	Over 100,000 Square Feet
All Buildings	467	882	688	7,144	21,928	19,401	65.4	40.2	35.5
Principal Building Activity									
Education	Q	137	101	419	3,629	2,997	53.9	37.6	33.7
Food Sales	16	Q	Q	339	Q	Q	46.6	Q	Q
Food Service	149	48	N	774	622	N	192.5	77.2	N
Health Care	12	37	187	233	520	1,792	49.5	70.8	104.4
Inpatient	N	Q	181	N	Q	1,662	N	Q	109.0
Outpatient	12	20	Q	233	377	Q	49.5	52.3	Q
Lodging	Q	83	113	Q	1,750	2,374	Q	47.6	47.4
Mercantile	60	134	61	1,094	3,572	3,205	55.2	37.6	19.1
Retail (Other Than Mall)	38	39	12	726	1,406	734	52.7	27.7	15.7
Enclosed and Strip Malls	22	95	50	367	2,167	2,471	60.0	44.0	20.1
Office	59	115	87	1,400	3,138	3,670	42.4	36.7	23.7
Public Assembly	19	54	26	464	1,259	1,000	41.5	42.9	Q
Public Order and Safety	Q	Q	Q	Q	Q	Q	Q	Q	Q
Religious Worship	28	49	Q	663	1,785	Q	42.7	27.7	Q
Service	55	71	Q	783	1,394	Q	69.8	50.7	Q
Warehouse and Storage	18	66	45	522	2,538	2,434	34.2	26.0	18.4
Other	Q	42	38	Q	458	681	Q	91.1	Q
Vacant	Q	Q	Q	Q	Q	Q	Q	Q	Q
Year Constructed									
Before 1920	32	76	31	575	1,541	658	56.3	49.2	47.1
1920 to 1945	61	93	71	993	2,007	1,776	61.9	46.2	39.9
1946 to 1959	49	97	70	830	2,471	1,556	59.0	39.4	44.9
1960 to 1969	48	137	82	891	3,200	2,049	53.6	43.0	40.2
1970 to 1979	91	144	154	1,342	3,624	3,829	67.7	39.8	40.4
1980 to 1989	65	139	124	970	3,203	3,654	67.3	43.3	34.0
1990 to 1999	100	140	94	1,251	4,198	3,756	80.1	33.4	25.0
2000 to 2003	20	55	61	291	1,684	2,124	69.3	32.6	28.8
Census Region and Division									
Northeast	89	172	188	1,208	4,183	4,771	73.4	41.1	39.3
New England	Q	33	Q	Q	910	Q	Q	36.5	Q
Middle Atlantic	74	139	151	945	3,273	4,083	78.5	42.4	36.9
Midwest	155	353	220	2,151	7,072	4,922	72.1	49.9	44.7
East North Central	118	256	176	1,484	5,038	3,834	79.2	50.8	46.0
West North Central	37	97	44	666	2,034	1,088	56.3	47.7	40.0
South	137	201	173	2,351	6,615	6,294	58.3	30.4	27.4
South Atlantic	63	86	89	1,022	2,907	3,357	61.5	29.7	26.6
East South Central	20	56	28	449	1,537	534	44.5	36.5	52.4
West South Central	54	59	55	880	2,171	2,403	61.7	27.1	23.0
West	86	155	108	1,435	4,057	3,415	60.2	38.3	31.6
Mountain	36	85	63	558	1,563	1,143	65.5	54.7	54.9
Pacific	50	70	45	877	2,495	2,272	56.8	28.0	19.9
Climate Zone: 30-Year Average									
Under 2,000 CDD and --									
More than 7,000 HDD	107	223	124	1,332	4,387	2,766	80.0	50.9	44.9
5,500-7,000 HDD	141	313	261	2,045	6,677	5,399	68.9	46.8	48.3
4,000-5,499 HDD	68	157	132	1,066	3,615	4,290	63.5	43.5	30.7
Fewer than 4,000 HDD	119	139	120	2,075	5,400	4,321	57.4	25.7	27.7
2,000 CDD or More and --									
Fewer than 4,000 HDD	33	50	51	625	1,848	2,625	52.4	27.0	19.6

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Table C31A. Natural Gas Consumption and Conditional Energy Intensity by Building Size 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)		
	1,001 to 10,000 Square Feet	10,001 to 100,000 Square Feet	Over 100,000 Square Feet	1,001 to 10,000 Square Feet	10,001 to 100,000 Square Feet	Over 100,000 Square Feet	1,001 to 10,000 Square Feet	10,001 to 100,000 Square Feet	Over 100,000 Square Feet
All Buildings	467	882	688	7,144	21,928	19,401	65.4	40.2	35.5
Number of Establishments									
One	384	604	430	5,549	14,298	10,672	69.2	42.2	40.3
2 to 5	71	168	109	1,349	4,576	2,790	52.6	36.7	39.2
6 to 10	Q	60	23	Q	1,411	836	Q	42.9	27.9
11 to 20	N	32	35	N	972	1,251	N	33.2	27.9
More than 20	Q	Q	82	Q	Q	3,416	Q	Q	23.9
Currently Unoccupied	Q	Q	Q	Q	Q	Q	Q	Q	Q
Energy Sources (more than one may apply)									
Electricity	467	882	688	7,142	21,928	19,396	65.4	40.2	35.5
Natural Gas	467	882	688	7,144	21,928	19,401	65.4	40.2	35.5
Fuel Oil	Q	102	394	Q	2,243	8,778	Q	45.6	44.9
District Heat	Q	Q	41	Q	Q	2,088	Q	Q	19.4
Energy End Uses (more than one may apply)									
Buildings with Space Heating	452	876	686	6,984	21,670	19,150	64.7	40.4	35.8
Buildings with Cooling	421	838	668	6,439	20,485	18,932	65.4	40.9	35.3
Buildings with Water Heating	443	849	682	6,315	20,557	19,013	70.2	41.3	35.9
Annual Consumption (hundred cubic feet)									
1,000 or Less	33	3	Q	2,102	1,299	997	15.7	2.1	0.2
1,001 to 5,000	178	78	2	3,754	5,464	1,166	47.3	14.3	1.3
5,001 to 10,000	115	146	5	783	4,848	1,317	146.5	30.1	3.7
10,001 to 25,000	97	275	18	407	5,980	2,217	237.4	46.0	8.3
25,001 to 50,000	Q	217	62	Q	3,180	3,522	Q	68.3	17.5
50,001 to 100,000	N	118	117	N	962	3,753	N	122.4	31.1
Over 100,000	N	Q	485	N	Q	6,429	N	Q	75.4

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. • HVAC = Heating, Ventilation, and Air Conditioning. • 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.

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
All Buildings	580	986	471	12,407	22,762	13,304	46.8	43.3	35.4
Building Floorspace (Square Feet)									
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
Principal Building Activity									
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
Census Region and Division									
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
Climate Zone: 30-Year Average									
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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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
All Buildings	580	986	471	12,407	22,762	13,304	46.8	43.3	35.4
Number of Establishments									
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
Energy Sources (more than one may apply)									
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
Energy End Uses (more than one may apply)									
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
Annual Consumption (hundred cubic feet)									
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.

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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.

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