

Energy Consumption & Expenditures

Energy Sources: Natural Gas Tables (18 pages, 110 kb)

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<p>These data are from the 1995 Commercial Buildings Energy Consumption Survey (CBECS), a national probability sample survey of commercial buildings sponsored by the Energy Information Administration, that provides information on the use of energy in commercial buildings in the United States. The 1995 CBECS was the sixth survey in a series begun in 1979. The data were collected from a sample of 6,639 buildings representing 4.6 million commercial buildings and 58.8 billion square feet of commercial floorspace in the U.S. The 1995 data are available for the four Census regions and nine Census division.</p> <p>Data provided here are in the public domain and may be reproduced without permission. appropriate credit would be appreciated. A suggested citation is "U.S. Department of Energy, Energy Information Administration, "A Look at Commercial Buildings in 1995: Characteristics, Energy Consumption, and Energy Expenditures."</p> <p>Electronic Products and Services</p> <p>Users can view and download selected pages, sections, or entire reports, search for information, download data and analysis applications, and find out about new information products and services.</p> <p>Contact: Martha Johnson, Survey Manager (martha.johnson@eia.doe.gov)</p> <p>World Wide Web: http://www.eia.doe.gov/emeu/consumption</p>	

Table 20. Total Natural Gas Consumption and Expenditures, 1995

Building Characteristics	All Buildings Using Natural Gas			Natural Gas Consumption		Natural Gas Expenditures	RSE Row Factor
	Number of Buildings (thousand)	Floorspace (million square feet)	Floorspace per Building (thousand square feet)	Total (trillion Btu)	Total (billion cubic feet)	Total (million dollars)	
	1.1	0.9	0.7	1.1	1.1	1.2	
RSE Column Factor:							
All Buildings	2,478	38,145	15.4	1,946	1,895	9,018	4.80
Building Floorspace (square feet)							
1,001 to 5,000	1,112	2,942	2.6	264	257	1,483	8.13
5,001 to 10,000	614	4,497	7.3	272	264	1,439	10.91
10,001 to 25,000	474	7,561	16.0	356	347	1,775	9.22
25,001 to 50,000	146	5,242	36.0	231	225	1,159	6.43
50,001 to 100,000	82	5,608	68.8	243	237	1,091	6.52
100,001 to 200,000	33	4,643	139.2	244	238	958	8.60
200,001 to 500,000	13	3,941	295.6	211	205	729	9.07
Over 500,000	4	3,712	882.3	125	122	385	10.92
Principal Building Activity							
Education	204	5,800	28.4	245	239	1,117	9.64
Food Sales	58	401	6.9	18	17	97	27.14
Food Service	184	1,001	5.4	158	154	851	17.04
Health Care	51	1,759	34.3	258	252	838	16.54
Lodging	110	2,828	25.7	213	207	966	13.17
Mercantile and Service	792	8,520	10.8	395	385	1,979	11.50
Office	438	6,521	14.9	239	233	1,150	10.24
Public Assembly	189	2,662	14.1	142	138	675	14.12
Public Order and Safety	37	746	20.4	33	32	167	21.31
Religious Worship	159	2,001	12.5	57	56	303	13.93
Warehouse and Storage	173	4,595	26.5	106	103	559	13.64
Other	21	654	30.8	55	54	197	32.26
Vacant	61	658	10.8	26	26	119	37.29
Year Constructed							
1919 or Before	256	2,643	10.3	135	132	655	13.19
1920 to 1945	353	4,560	12.9	210	205	966	12.05
1946 to 1959	528	6,470	12.3	391	381	1,796	13.00
1960 to 1969	403	7,170	17.8	375	365	1,750	9.95
1970 to 1979	444	7,375	16.6	393	382	1,695	11.07
1980 to 1989	357	7,181	20.1	288	280	1,397	8.97
1990 to 1992	92	1,659	18.0	100	98	510	20.96
1993 to 1995	46	1,087	23.5	54	52	249	23.82
Census Region and Division							
Northeast	316	7,108	22.5	297	289	1,739	13.01
New England	34	1,433	42.6	74	72	432	26.89
Middle Atlantic	282	5,674	20.1	223	217	1,307	13.67
Midwest	777	10,905	14.0	750	730	2,947	8.96
East North Central	549	7,553	13.8	505	492	2,043	9.23
West North Central	228	3,352	14.7	244	238	903	17.01
South	805	12,291	15.3	528	514	2,560	9.33
South Atlantic	210	4,802	22.9	197	192	1,009	15.35
East South Central	248	3,163	12.8	164	160	792	19.83
West South Central	347	4,326	12.5	167	163	759	10.90
West	580	7,841	13.5	371	361	1,772	10.06
Mountain	219	2,624	12.0	150	146	585	17.21
Pacific	361	5,217	14.4	221	216	1,188	12.93
Climate Zone: 45-Year Average							
Fewer than 2,000 CDD and --							
More than 7,000 HDD	265	3,399	12.8	240	233	952	13.81
5,500-7,000 HDD	626	10,754	17.2	692	674	2,907	9.42
4,000-5,499 HDD	490	9,094	18.6	452	440	2,214	15.00
Fewer than 4,000 HDD	674	9,598	14.2	372	362	2,012	11.88
More than 2,000 CDD and --							
Fewer than 4,000 HDD	423	5,300	12.5	191	186	933	15.05

See footnotes at end of table.

Table 20. Total Natural Gas Consumption and Expenditures, 1995 (Continued)

Building Characteristics	All Buildings Using Natural Gas			Natural Gas Consumption		Natural Gas Expenditures	RSE Row Factor
	Number of Buildings (thousand)	Floorspace (million square feet)	Floorspace per Building (thousand square feet)	Total (trillion Btu)	Total (billion cubic feet)	Total (million dollars)	
	1.1	0.9	0.7	1.1	1.1	1.2	
RSE Column Factor:							
Workers (main shift)							
Fewer than 5	1,155	6,581	5.7	298	290	1,620	7.75
5 to 9	538	4,482	8.3	244	237	1,198	13.81
10 to 19	358	4,696	13.1	269	262	1,364	13.15
20 to 49	261	6,627	25.4	343	334	1,729	9.06
50 to 99	90	4,762	52.6	218	212	985	10.32
100 to 249	50	4,286	85.1	222	216	930	10.33
250 or More	25	6,712	264.7	352	342	1,192	9.41
Weekly Operating Hours							
39 or Fewer	343	2,657	7.7	92	90	498	14.31
40 to 48	718	8,541	11.9	365	356	1,790	9.84
49 to 60	596	8,002	13.4	301	293	1,466	9.65
61 to 84	365	7,048	19.3	279	272	1,410	10.39
85 to 167	216	3,966	18.3	243	236	1,215	12.99
Open Continuously	239	7,931	33.2	665	648	2,638	9.68
Ownership and Occupancy							
Nongovernment Owned	2,190	30,256	13.8	1,472	1,433	7,065	5.23
Owner Occupied	1,750	23,956	13.7	1,245	1,212	5,825	5.95
Nonowner Occupied	413	6,077	14.7	218	213	1,201	11.20
Unoccupied Q	Q	Q	Q	Q	Q	Q	99.99
Government Owned	288	7,889	27.4	474	462	1,953	10.52
Space in Building Vacant for at Least Three Consecutive Months							
Yes	392	9,725	24.8	409	398	1,765	12.55
No	2,086	28,420	13.6	1,537	1,497	7,253	5.34
Energy Sources (more than one may apply)							
Electricity	2,476	38,009	15.4	1,938	1,887	8,987	4.95
Natural Gas	2,478	38,145	15.4	1,946	1,895	9,018	4.80
Fuel Oil	155	9,262	59.8	556	541	2,099	10.43
District Heat	30	2,343	78.8	146	142	486	24.21
District Chilled Water	17	1,287	77.0	101	99	327	19.21
Propane	105	1,565	14.8	90	87	425	18.30
Other	88	1,485	16.8	64	62	272	21.15
Energy End Uses (more than one may apply)							
Buildings with Space Heating	2,456	37,950	15.5	1,937	1,886	8,972	4.81
Buildings with Cooling	2,131	35,100	16.5	1,782	1,736	8,189	5.08
Buildings with Water Heating	2,201	36,284	16.5	1,878	1,828	8,650	5.19
Buildings with Cooking	549	15,968	29.1	975	950	4,216	6.07
Buildings with Manufacturing	104	2,542	24.5	111	108	528	15.54
Buildings with Electricity Generation	159	10,331	64.8	577	562	2,246	9.24
Space-Heating Energy Source							
Natural Gas	2,211	31,535	14.3	1,685	1,641	7,770	5.07
Natural Gas Main	2,106	28,808	13.7	1,614	1,571	7,437	5.24
Natural Gas Secondary	105	2,728	26.0	72	70	333	16.10
Other Excluding Natural Gas	245	6,414	26.2	252	245	1,202	11.52
Buildings without Space Heating	Q	Q	Q	Q	Q	Q	99.99
Primary Space-Heating Energy Source							
Electricity	240	5,427	22.6	176	171	979	14.57
Natural Gas	2,106	28,808	13.7	1,614	1,571	7,437	5.24
Fuel Oil	58	1,358	23.6	16	16	111	28.31
District Heat	28	2,037	73.4	118	115	400	18.18
Propane	Q	Q	Q	Q	Q	Q	99.99
Other	Q	Q	Q	Q	Q	Q	99.99

See footnotes at end of table.

Table 20. Total Natural Gas Consumption and Expenditures, 1995 (Continued)

Building Characteristics	All Buildings Using Natural Gas			Natural Gas Consumption		Natural Gas Expenditures	RSE Row Factor
	Number of Buildings (thousand)	Floorspace (million square feet)	Floorspace per Building (thousand square feet)	Total (trillion Btu)	Total (billion cubic feet)	Total (million dollars)	
	1.1	0.9	0.7	1.1	1.1	1.2	
RSE Column Factor:							
Cooling Energy Source							
Natural Gas	65	1,314	20.1	116	113	462	24.50
Other Excluding Natural Gas	2,066	33,786	16.4	1,666	1,623	7,727	5.30
Buildings without Cooling	347	3,045	8.8	163	159	829	12.46
Water-Heating Energy Source							
Natural Gas	1,577	24,859	15.8	1,513	1,474	6,849	6.07
Other Excluding Natural Gas	624	11,424	18.3	364	355	1,802	8.59
Buildings without Water Heating	277	1,862	6.7	68	66	368	18.82
Cooking Energy Source							
Natural Gas	448	13,195	29.4	801	780	3,495	6.59
Other Excluding Natural Gas	100	2,773	27.6	174	169	721	11.52
Buildings without Cooking	1,929	22,177	11.5	970	945	4,802	6.46
Percent of Floorspace Heated							
Not Heated	Q	Q	Q	Q	Q	Q	99.99
1 to 50	267	3,715	13.9	86	84	469	14.73
51 to 99	437	6,214	14.2	281	273	1,461	13.70
100	1,752	28,020	16.0	1,570	1,529	7,042	5.02
Annual Consumption (hundred cubic feet)							
1,000 or Less	647	3,871	6.0	35	34	272	10.30
1,001 to 5,000	1,194	10,767	9.0	291	284	1,676	6.67
5,001 to 10,000	275	4,876	17.8	207	201	1,072	8.54
10,001 to 25,000	230	7,045	30.6	346	337	1,841	9.28
25,001 to 50,000	74	4,053	54.5	256	250	1,284	9.45
50,001 to 100,000	37	2,998	80.8	254	247	1,062	21.97
Over 100,000	20	4,535	221.9	557	542	1,812	10.22
Gas Transported for the Account of Others							
Used in Building	32	2,123	66.8	305	297	956	19.18
Not Used in Building	2,446	36,022	14.7	1,640	1,597	8,063	5.13

Q = Data withheld because the Relative Standard Error (RSE) was greater than 50 percent, or data were reported for fewer than 20 buildings.

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding RSE column and RSE row factors. • See Glossary for explanation of abbreviations and definitions of terms used in this report. • Statistics for the "energy end uses" represent consumption in buildings that have end use, not consumption for a particular fuel for a particular end use. • Because of rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-871A through F of the 1995 Commercial Buildings Energy Consumption Survey.

Table 21. Natural Gas Consumption and Expenditure Intensities, 1995

Building Characteristics	Natural Gas Consumption						Natural Gas Expenditures			RSE Row Factor
	per Building (thousand cubic feet)	per Square Foot (cubic feet)	per Worker (thousand cubic feet)	Distribution of Building-Level Intensities (cubic feet/square foot)			per Building (thousand dollars)	per Square Foot (dollars)	per Thousand Cubic Feet (dollars)	
	1.2	1.0	1.3	25th Percentile	Median	75th Percentile	1.1	1.0	0.6	
RSE Column Factor:										
All Buildings	764	49.7	37.7	18.4	39.7	76.9	3.6	0.24	4.76	4.48
Building Floorspace (square feet)										
1,001 to 5,000	231	87.2	46.0	26.0	51.0	109.0	1.3	0.50	5.78	7.41
5,001 to 10,000	431	58.8	53.6	17.4	29.1	66.2	2.3	0.32	5.44	14.84
10,001 to 25,000	732	45.9	45.0	11.9	29.3	54.6	3.7	0.23	5.12	10.59
25,001 to 50,000	1,542	42.8	32.1	10.7	27.2	60.8	8.0	0.22	5.16	6.26
50,001 to 100,000	2,907	42.3	34.2	9.6	23.4	53.0	13.4	0.19	4.61	8.09
100,001 to 200,000	7,135	51.3	41.8	11.2	28.4	64.2	28.7	0.21	4.03	11.64
200,001 to 500,000	15,385	52.1	39.9	4.6	25.9	66.3	54.6	0.18	3.55	9.19
Over 500,000	29,006	32.9	16.8	1.6	8.8	33.4	91.4	0.10	3.15	16.82
Principal Building Activity										
Education	1,170	41.1	32.5	13.1	28.6	58.4	5.5	0.19	4.68	8.21
Food Sales	292	42.6	41.2	7.7	31.7	76.8	1.7	0.24	5.66	27.24
Food Service	835	153.5	93.9	52.0	135.2	250.8	4.6	0.85	5.54	10.84
Health Care	4,899	143.0	75.6	44.6	66.3	150.6	16.3	0.48	3.33	13.80
Lodging	1,883	73.2	103.1	41.0	57.6	100.0	8.8	0.34	4.67	11.34
Mercantile and Service	486	45.2	42.6	19.4	40.4	80.3	2.5	0.23	5.14	12.71
Office	532	35.7	13.5	18.0	33.2	62.6	2.6	0.18	4.94	8.48
Public Assembly	731	51.9	72.0	19.7	45.6	77.8	3.6	0.25	4.89	13.19
Public Order and Safety	887	43.6	36.8	22.1	43.6	95.0	4.6	0.22	5.15	15.59
Religious Worship	351	28.0	37.8	10.1	27.4	47.0	1.9	0.15	5.42	12.45
Warehouse and Storage	594	22.4	34.3	9.0	21.2	43.1	3.2	0.12	5.44	8.98
Other	2,535	82.4	37.0	35.1	35.4	44.5	9.3	0.30	3.66	25.18
Vacant	Q	38.8	57.0	13.4	21.0	51.0	2.0	0.18	4.67	33.58
Year Constructed										
1919 or Before	514	49.8	44.8	24.0	47.6	78.3	2.6	0.25	4.97	10.02
1920 to 1945	580	44.9	37.0	21.7	40.4	79.5	2.7	0.21	4.72	9.59
1946 to 1959	721	58.8	53.6	19.7	44.1	86.2	3.4	0.28	4.72	11.38
1960 to 1969	906	50.9	36.6	21.3	47.5	73.7	4.3	0.24	4.80	9.11
1970 to 1979	862	51.8	37.4	12.4	32.7	70.2	3.8	0.23	4.43	11.97
1980 to 1989	786	39.0	25.6	14.2	28.4	56.1	3.9	0.19	4.98	7.62
1990 to 1992	1,063	58.9	41.4	17.4	29.1	94.3	5.5	0.31	5.22	22.46
1993 to 1995	1,134	48.2	45.7	14.3	42.5	85.4	5.4	0.23	4.74	20.50
Census Region and Division										
Northeast	915	40.6	30.6	17.9	29.1	64.1	5.5	0.24	6.02	9.91
New England	2,129	50.0	47.8	11.1	40.8	83.3	12.8	0.30	6.04	20.58
Middle Atlantic	770	38.3	27.3	18.0	28.6	63.9	4.6	0.23	6.02	9.85
Midwest	939	66.9	54.6	31.9	59.8	97.9	3.8	0.27	4.04	7.19
East North Central	897	65.2	56.6	31.5	62.1	95.1	3.7	0.27	4.15	7.04
West North Central	1,042	71.0	50.9	34.8	54.3	123.2	4.0	0.27	3.80	14.55
South	639	41.9	35.0	15.5	29.3	60.1	3.2	0.21	4.98	9.00
South Atlantic	913	39.9	29.3	18.9	34.9	58.7	4.8	0.21	5.26	10.00
East South Central	645	50.5	45.2	16.9	38.3	68.1	3.2	0.25	4.96	22.45
West South Central	469	37.7	35.2	12.0	22.0	52.1	2.2	0.18	4.66	10.92
West	622	46.1	28.4	12.5	30.4	65.1	3.1	0.23	4.91	7.32
Mountain	664	55.5	48.9	24.5	42.2	68.9	2.7	0.22	4.01	11.27
Pacific	597	41.3	22.2	9.5	26.8	55.9	3.3	0.23	5.51	10.28
Climate Zone: 45-Year Average										
Fewer than 2,000 CDD and --										
More than 7,000 HDD	879	68.7	59.2	35.4	50.2	91.0	3.6	0.28	4.08	8.41
5,500-7,000 HDD	1,076	62.6	51.9	28.5	51.0	97.9	4.6	0.27	4.31	8.53
4,000-5,499 HDD	898	48.4	34.1	18.7	40.0	83.8	4.5	0.24	5.03	10.69
Fewer than 4,000 HDD	537	37.7	26.0	11.9	28.8	57.5	3.0	0.21	5.56	7.51
More than 2,000 CDD and --										
Fewer than 4,000 HDD	439	35.0	28.6	13.1	22.9	52.1	2.2	0.18	5.03	10.60

See footnotes at end of table.

Table 21. Natural Gas Consumption and Expenditure Intensities, 1995 (Continued)

Building Characteristics	Natural Gas Consumption						Natural Gas Expenditures			RSE Row Factor
	per Building (thousand cubic feet)	per Square Foot (cubic feet)	per Worker (thousand cubic feet)	Distribution of Building-Level Intensities (cubic feet/square foot)			per Building (thousand dollars)	per Square Foot (dollars)	per Thousand Cubic Feet (dollars)	
	1.2	1.0	1.3	25th Percentile	Median	75th Percentile	1.1	1.0	0.6	
RSE Column Factor:										
Workers (main shift)										
Fewer than 5	251	44.1	111.0	18.5	41.0	73.7	1.4	0.25	5.58	5.88
5 to 9	441	52.9	67.9	19.6	42.6	89.7	2.2	0.27	5.05	15.69
10 to 19	733	55.9	57.4	18.0	30.1	86.2	3.8	0.29	5.20	16.45
20 to 49	1,279	50.4	43.3	18.9	39.8	74.7	6.6	0.26	5.17	7.28
50 to 99	2,347	44.6	36.5	11.8	29.3	57.5	10.9	0.21	4.64	10.12
100 to 249	4,285	50.4	30.9	12.8	32.3	73.8	18.5	0.22	4.31	9.67
250 or More	13,501	51.0	18.0	9.0	27.2	67.3	47.0	0.18	3.48	9.93
Weekly Operating Hours										
39 or Fewer	262	33.8	38.2	10.9	29.1	55.6	1.5	0.19	5.54	10.32
40 to 48	495	41.6	33.9	19.6	33.9	68.1	2.5	0.21	5.03	9.92
49 to 60	491	36.6	24.7	12.5	30.9	64.0	2.5	0.18	5.01	7.49
61 to 84	744	38.6	31.4	24.0	45.7	87.8	3.9	0.20	5.18	8.38
85 to 167	1,092	59.6	54.5	27.5	72.6	198.8	5.6	0.31	5.14	10.15
Open Continuously	2,711	81.7	51.6	28.5	55.4	108.6	11.0	0.33	4.07	8.91
Ownership and Occupancy										
Nongovernment Owned	654	47.4	35.7	18.4	38.8	74.7	3.2	0.23	4.93	4.78
Owner Occupied	692	50.6	38.6	18.4	39.7	75.8	3.3	0.24	4.81	5.47
Nonowner Occupied	515	35.0	24.8	18.7	34.0	78.3	2.9	0.20	5.65	7.40
Unoccupied	Q	Q	Q	14.2	51.0	67.2	Q	Q	Q	99.99
Government Owned	1,603	58.5	45.7	22.0	46.0	90.3	6.8	0.25	4.23	10.00
Space in Building Vacant for at Least Three Consecutive Months										
Yes	1,015	40.9	26.5	15.4	32.4	67.2	4.5	0.18	4.44	11.76
No	717	52.7	42.5	19.1	40.0	78.3	3.5	0.26	4.85	4.47
Energy Sources (more than one may apply)										
Electricity	762	49.6	37.6	18.4	39.7	76.9	3.6	0.24	4.76	4.77
Natural Gas	764	49.7	37.7	18.4	39.7	76.9	3.6	0.24	4.76	4.48
Fuel Oil	3,497	58.4	35.3	6.5	28.6	79.5	13.6	0.23	3.88	10.03
District Heat	4,775	60.6	28.9	5.9	11.8	31.8	16.3	0.21	3.42	27.33
District Chilled Water	5,901	76.7	39.4	6.0	24.0	71.9	19.5	0.25	3.31	15.91
Propane	828	55.8	45.5	25.4	42.1	95.0	4.0	0.27	4.87	10.13
Other	704	42.0	39.9	14.7	36.8	64.0	3.1	0.18	4.37	16.87
Energy End Uses (more than one may apply)										
Buildings with Space Heating	768	49.7	37.7	18.5	39.8	76.9	3.7	0.24	4.76	4.52
Buildings with Cooling	814	49.4	36.4	18.0	38.3	76.9	3.8	0.23	4.72	4.92
Buildings with Water Heating	831	50.4	37.4	18.9	40.0	79.5	3.9	0.24	4.73	4.67
Buildings with Cooking	1,730	59.5	38.9	27.7	58.2	120.6	7.7	0.26	4.44	5.90
Buildings with Manufacturing	1,037	42.4	29.5	29.0	47.7	56.8	5.1	0.21	4.89	12.50
Buildings with Electricity Generation	3,525	54.4	33.1	13.5	40.8	86.1	14.1	0.22	4.00	8.85
Space-Heating Energy Source										
Natural Gas	742	52.0	40.8	19.2	39.9	77.4	3.5	0.25	4.74	4.83
Natural Gas Main	746	54.5	43.2	20.3	41.2	78.8	3.5	0.26	4.73	4.77
Natural Gas Secondary	666	25.6	18.2	6.2	12.5	27.3	3.2	0.12	4.77	19.25
Other Excluding Natural Gas	1,001	38.2	25.0	6.5	31.9	65.6	4.9	0.19	4.90	9.69
Buildings without Space Heating	Q	Q	Q	1.0	7.7	227.2	Q	Q	Q	99.99
Primary Space-Heating Energy Source										
Electricity	712	31.5	22.3	11.0	27.7	64.4	4.1	0.18	5.73	13.22
Natural Gas	746	54.5	43.2	20.3	41.2	78.8	3.5	0.26	4.73	4.77
Fuel Oil	278	11.8	13.4	2.3	6.5	28.6	1.9	0.08	6.95	31.96
District Heat	4,138	56.4	25.6	5.9	7.8	26.7	14.4	0.20	3.48	16.47
Propane	Q	Q	Q	40.4	40.4	40.4	Q	Q	Q	99.99
Other	Q	Q	Q	44.4	44.5	64.1	Q	Q	Q	99.99

See footnotes at end of table.

Table 21. Natural Gas Consumption and Expenditure Intensities, 1995 (Continued)

Building Characteristics	Natural Gas Consumption						Natural Gas Expenditures			RSE Row Factor
	per Building (thousand cubic feet)	per Square Foot (cubic feet)	per Worker (thousand cubic feet)	Distribution of Building-Level Intensities (cubic feet/square foot)			per Building (thousand dollars)	per Square Foot (dollars)	per Thousand Cubic Feet (dollars)	
	1.2	1.0	1.3	25th Percentile	Median	75th Percentile	1.1	1.0	0.6	
RSE Column Factor:										
Cooling Energy Source										
Natural Gas	1,729	86.0	54.8	43.9	63.9	91.0	7.1	0.35	4.09	17.41
Other Excluding Natural Gas	785	48.0	35.6	17.7	36.5	75.7	3.7	0.23	4.76	5.06
Buildings without Cooling	458	52.2	63.2	22.1	47.8	81.3	2.4	0.27	5.22	10.15
Water-Heating Energy Source										
Natural Gas	935	59.3	45.3	22.0	45.4	88.0	4.3	0.28	4.65	5.37
Other Excluding Natural Gas	568	31.1	21.7	13.2	28.4	51.9	2.9	0.16	5.08	6.89
Buildings without Water Heating	239	35.5	49.2	13.0	24.5	58.4	1.3	0.20	5.57	13.18
Cooking Energy Source										
Natural Gas	1,740	59.1	38.9	28.0	66.2	135.4	7.8	0.26	4.48	6.08
Other Excluding Natural Gas	1,687	61.1	38.9	17.7	42.6	93.5	7.2	0.26	4.26	12.11
Buildings without Cooking	490	42.6	36.6	17.2	33.9	66.2	2.5	0.22	5.08	6.45
Percent of Floorspace Heated										
Not Heated	Q	Q	Q	1.0	7.7	227.2	Q	Q	Q	99.99
1 to 50	314	22.6	33.7	10.5	25.0	55.6	1.8	0.13	5.59	11.34
51 to 99	626	44.0	36.3	15.2	38.3	65.6	3.3	0.24	5.34	15.00
100	873	54.6	38.2	19.9	42.2	82.9	4.0	0.25	4.61	4.55
Annual Consumption (hundred cubic feet)										
1,000 or Less	53	8.8	6.9	5.9	13.9	27.4	0.4	0.07	7.98	7.02
1,001 to 5,000	238	26.4	24.2	25.1	42.1	76.9	1.4	0.16	5.91	4.02
5,001 to 10,000	733	41.3	33.7	35.4	67.5	140.0	3.9	0.22	5.33	4.45
10,001 to 25,000	1,462	47.8	34.9	47.2	76.6	155.0	8.0	0.26	5.47	4.83
25,001 to 50,000	3,354	61.6	39.1	53.0	90.3	188.0	17.2	0.32	5.14	4.93
50,001 to 100,000	6,663	82.4	52.5	64.2	196.7	563.2	28.6	0.35	4.30	11.37
Over 100,000	26,536	119.6	78.9	83.1	130.6	196.9	88.7	0.40	3.34	8.22
Gas Transported for the Account of Others										
Used in Building	9,348	140.0	95.6	38.2	98.4	232.6	30.0	0.45	3.21	21.68
Not Used in Building	653	44.3	33.9	18.4	39.1	76.4	3.3	0.22	5.05	4.60

Q = Data withheld because the Relative Standard Error (RSE) was greater than 50 percent, or data were reported for fewer than 20 buildings.

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding RSE column and RSE row factors. • See Glossary for explanation of abbreviations and definitions of terms used in this report. • Statistics for the "energy end uses" represent consumption in buildings that have end use, not consumption for a particular fuel for a particular end use. • Because of rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-871A through F of the 1995 Commercial Buildings Energy Consumption Survey.

**Table 22. Natural Gas Consumption and Conditional Energy Intensity
by Census Region, 1995**

Building Characteristics	Total Natural Gas Consumption (billion cubic feet)				Total Floorspace of Buildings Using Natural Gas (million square feet)				Natural Gas Energy Intensity (cubic feet/sq. ft.)				RSE Row Factor
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West	
	1.4	1.1	1.1	1.2	1.0	0.8	0.8	1.1	1.1	0.8	0.9	0.9	
RSE Column Factor:	1.4	1.1	1.1	1.2	1.0	0.8	0.8	1.1	1.1	0.8	0.9	0.9	
All Buildings	289	730	514	361	7,108	10,905	12,291	7,841	40.6	66.9	41.9	46.1	9.51
Building Floorspace (square feet)													
1,001 to 5,000	26	106	73	52	253	1,026	947	717	102.6	103.2	77.2	72.1	18.48
5,001 to 10,000	33	118	65	49	722	1,416	1,330	1,029	45.0	83.6	48.6	47.5	21.61
10,001 to 25,000	42	119	130	56	1,218	1,988	2,735	1,620	34.8	59.6	47.4	34.7	20.50
25,001 to 50,000	36	82	55	52	951	1,402	1,533	1,355	38.0	58.3	35.8	38.3	14.86
50,001 to 100,000	26	87	59	65	754	1,700	1,946	1,207	34.3	51.4	30.1	54.0	17.11
100,001 to 200,000	49	90	76	23	845	1,371	1,706	721	58.3	65.7	44.4	31.7	21.97
200,001 to 500,000	46	69	36	53	935	1,155	1,100	752	49.5	59.8	33.1	71.1	19.15
Over 500,000	30	59	21	11	1,430	848	994	440	21.2	69.7	21.5	25.6	25.30
Principal Building Activity													
Education	49	93	43	53	1,534	1,580	1,543	1,144	32.0	59.2	27.9	46.3	16.29
Food Sales	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Food Service	Q	41	58	Q	Q	406	284	Q	Q	101.1	205.3	Q	31.71
Health Care	47	77	72	55	321	416	610	412	146.4	186.1	118.7	132.8	21.76
Lodging	Q	66	60	60	Q	699	1,081	841	Q	94.7	55.5	71.9	20.25
Mercantile and Service	42	185	123	34	1,535	2,904	2,993	1,087	27.5	63.7	41.3	31.3	22.02
Office	38	94	51	50	1,251	1,638	1,898	1,734	30.6	57.4	26.8	28.7	16.49
Public Assembly	Q	46	41	27	426	712	941	583	55.0	65.3	44.0	46.1	23.83
Public Order and Safety	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Religious Worship	6	23	9	17	303	508	582	608	20.1	46.2	15.8	28.3	25.48
Warehouse and Storage	23	44	29	Q	1,064	1,164	1,712	656	21.2	37.5	17.0	Q	20.12
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Vacant	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Year Constructed													
1919 or Before	21	67	Q	29	655	1,216	441	332	32.0	54.8	34.4	87.3	25.24
1920 to 1945	37	98	42	27	893	1,750	1,179	738	41.9	56.1	35.6	36.6	24.49
1946 to 1959	64	167	75	74	1,277	1,832	2,034	1,327	50.3	91.0	37.1	55.9	19.06
1960 to 1969	43	134	108	81	1,251	1,905	2,430	1,585	34.0	70.2	44.3	51.1	17.36
1970 to 1979	62	115	133	72	1,121	1,912	2,565	1,777	55.4	59.9	51.9	40.8	17.31
1980 to 1989	38	106	88	48	1,424	1,559	2,751	1,447	27.0	68.0	31.8	33.3	15.39
1990 to 1992	Q	21	39	21	280	425	582	372	Q	49.7	66.3	57.6	29.51
1993 to 1995	Q	23	Q	Q	Q	308	309	Q	Q	75.1	48.4	Q	27.46
Climate Zone: 45-Year Average													
Fewer than 2,000 CDD and --													
More than 7,000 HDD	Q	195	Q	37	Q	2,999	Q	385	Q	65.1	Q	97.2	21.00
5,500-7,000 HDD	161	427	Q	86	3,225	5,992	Q	1,537	49.8	71.2	Q	56.1	18.71
4,000-5,499 HDD	127	108	157	48	3,867	1,915	2,428	884	32.9	56.4	64.5	54.2	19.88
Fewer than 4,000 HDD	Q	Q	204	158	Q	Q	5,422	4,176	Q	Q	37.6	37.8	12.12
More than 2,000 CDD and --													
Fewer than 4,000 HDD	Q	Q	154	32	Q	Q	4,441	859	Q	Q	34.6	37.2	22.54
Workers (main shift)													
Fewer than 5	29	121	73	68	906	2,093	2,182	1,400	31.6	57.7	33.3	48.7	15.92
5 to 9	17	135	42	43	623	1,520	1,284	1,055	26.5	89.0	32.9	41.1	26.01
10 to 19	35	80	107	41	808	1,337	1,584	966	42.8	59.8	67.5	42.3	23.07
20 to 49	63	112	104	56	1,119	1,860	2,376	1,272	56.0	60.1	43.8	43.7	16.89
50 to 99	26	85	61	40	846	1,248	1,721	948	30.4	68.4	35.6	42.2	17.81
100 to 249	36	78	53	49	958	1,250	1,096	982	37.8	62.1	48.0	50.4	20.84
250 or More	84	119	75	64	1,848	1,598	2,048	1,218	45.7	74.7	36.5	52.4	16.28
Weekly Operating Hours													
39 or Fewer	11	38	22	19	338	879	780	661	32.2	43.6	28.3	28.2	23.74
40 to 48	47	164	79	66	1,275	2,600	2,885	1,782	37.0	63.0	27.3	36.8	17.13
49 to 60	33	124	83	52	1,431	2,010	2,835	1,727	23.3	61.9	29.4	30.0	15.44
61 to 84	47	126	51	48	1,447	2,302	1,914	1,385	32.2	54.7	26.7	35.0	16.02
85 to 167	50	79	61	46	986	1,165	1,073	741	51.1	67.8	57.2	61.4	24.10
Open Continuously	100	199	218	131	1,631	1,950	2,805	1,545	61.5	101.9	77.6	84.9	15.89

See footnotes at end of table.

**Table 22. Natural Gas Consumption and Conditional Energy Intensity
by Census Region, 1995 (Continued)**

Building Characteristics	Total Natural Gas Consumption (billion cubic feet)				Total Floorspace of Buildings Using Natural Gas (million square feet)				Natural Gas Energy Intensity (cubic feet/sq. ft.)				RSE Row Factor
	North- east	Mid- west	South	West	North- east	Mid- west	South	West	North- east	Mid- west	South	West	
	1.4	1.1	1.1	1.2	1.0	0.8	0.8	1.1	1.1	0.8	0.9	0.9	
RSE Column Factor:													
Ownership and Occupancy													
Nongovernment Owned	221	549	397	265	5,440	8,665	9,973	6,178	40.7	63.4	39.8	42.9	9.79
Owner Occupied	179	470	347	216	4,285	7,126	7,857	4,687	41.7	66.0	44.1	46.2	11.15
Nonowner Occupied	42	72	50	49	1,128	1,425	2,041	1,483	37.3	50.4	24.5	32.8	17.85
Unoccupied	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Government Owned	67	181	117	96	1,668	2,240	2,319	1,663	40.5	80.7	50.6	57.7	15.75
Space in Building Vacant for at Least Three Consecutive Months													
Yes	56	149	113	80	2,003	2,664	3,073	1,984	27.9	55.9	36.8	40.3	17.42
No	233	581	401	281	5,104	8,241	9,218	5,857	45.6	70.5	43.5	48.0	10.15
Energy Sources (more than one may apply)													
Electricity	286	725	514	361	7,074	10,819	12,289	7,826	40.5	67.0	41.9	46.1	9.88
Natural Gas	289	730	514	361	7,108	10,905	12,291	7,841	40.6	66.9	41.9	46.1	9.51
Fuel Oil	118	163	163	97	3,002	2,133	2,517	1,610	39.2	76.5	64.8	60.4	16.92
District Heat	Q	41	Q	Q	Q	847	Q	Q	Q	48.2	Q	Q	39.53
District Chilled Water	Q	28	29	Q	Q	441	439	Q	Q	62.5	66.2	Q	33.06
Propane	8	33	36	9	245	610	489	221	33.6	54.6	74.2	42.8	27.42
Other	Q	24	9	Q	Q	472	381	Q	Q	50.2	23.4	Q	34.29
Energy End Uses (more than one may apply)													
Buildings with Space Heating	289	726	512	359	7,108	10,897	12,176	7,768	40.6	66.7	42.0	46.2	9.55
Buildings with Cooling	269	658	499	310	6,393	9,877	11,961	6,869	42.0	66.6	41.7	45.2	9.95
Buildings with Water Heating	284	697	491	357	6,969	10,197	11,485	7,633	40.7	68.3	42.8	46.7	9.63
Buildings with Cooking	172	334	237	206	3,589	4,241	4,876	3,262	47.9	78.8	48.6	63.3	10.71
Buildings with Manufacturing	16	54	30	9	355	911	920	356	44.0	59.4	32.1	24.0	23.95
Buildings with Electricity Generation	113	181	153	115	2,787	2,354	3,232	1,959	40.4	77.1	47.3	58.6	13.57
Space-Heating Energy Source													
Natural Gas	238	684	410	309	5,043	9,826	9,805	6,861	47.2	69.6	41.8	45.0	10.16
Natural Gas Main	230	661	385	296	4,696	9,293	8,728	6,091	48.9	71.1	44.1	48.6	10.44
Natural Gas Secondary	8	23	25	13	348	533	1,077	770	23.8	44.0	23.3	16.8	28.07
Other Excluding Natural Gas	51	42	102	50	2,064	1,071	2,371	908	24.6	39.4	43.1	55.2	22.43
Buildings without Space Heating	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Primary Space-Heating Energy Source													
Electricity	16	27	87	40	419	694	2,898	1,416	39.1	39.4	30.0	28.3	23.99
Natural Gas	230	661	385	296	4,696	9,293	8,728	6,091	48.9	71.1	44.1	48.6	10.44
Fuel Oil	13	Q	Q	Q	1,166	Q	Q	Q	11.0	Q	Q	Q	30.30
District Heat	28	35	30	Q	685	785	378	Q	41.4	44.6	79.6	Q	30.34
Propane	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Cooling Energy Source													
Natural Gas	44	37	Q	19	387	354	Q	326	113.1	105.4	Q	56.9	28.48
Other Excluding Natural Gas	225	621	485	292	6,007	9,523	11,713	6,543	37.4	65.2	41.4	44.6	10.28
Buildings without Cooling	20	72	16	51	714	1,028	330	972	28.3	70.0	47.9	52.3	24.45
Water-Heating Energy Source													
Natural Gas	209	581	383	301	3,848	7,261	7,767	5,983	54.3	80.0	49.3	50.3	11.00
Other Excluding Natural Gas	75	116	109	55	3,120	2,936	3,718	1,650	24.0	39.4	29.2	33.6	15.34
Buildings without Water Heating	Q	33	23	Q	Q	709	806	Q	Q	47.2	28.7	Q	33.71
Cooking Energy Source													
Natural Gas	120	269	211	180	2,914	3,506	4,167	2,609	41.3	76.9	50.6	68.8	11.88
Other Excluding Natural Gas	52	65	26	27	675	735	710	653	76.5	88.0	36.8	41.3	23.48
Buildings without Cooking	117	396	277	155	3,519	6,664	7,415	4,579	33.2	59.4	37.4	33.8	12.28

See footnotes at end of table.

**Table 22. Natural Gas Consumption and Conditional Energy Intensity
by Census Region, 1995 (Continued)**

Building Characteristics	Total Natural Gas Consumption (billion cubic feet)				Total Floorspace of Buildings Using Natural Gas (million square feet)				Natural Gas Energy Intensity (cubic feet/sq. ft.)				RSE Row Factor
	North- east	Mid- west	South	West	North- east	Mid- west	South	West	North- east	Mid- west	South	West	
	1.4	1.1	1.1	1.2	1.0	0.8	0.8	1.1	1.1	0.8	0.9	0.9	
RSE Column Factor:													
Percent of Floorspace Heated													
Not Heated	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
1 to 50	11	37	20	Q	616	958	1,221	920	18.3	38.6	16.5	Q	25.91
51 to 99	54	60	109	50	1,637	1,019	1,984	1,574	32.8	59.2	55.0	32.0	22.74
100	224	629	383	293	4,854	8,920	8,972	5,274	46.1	70.5	42.7	55.6	9.97
Annual Consumption (hundred cubic feet)													
1,000 or Less	4	5	15	11	847	343	1,392	1,289	4.9	13.5	10.5	8.2	22.25
1,001 to 5,000	35	112	82	54	1,651	3,116	3,725	2,275	21.4	35.8	22.1	23.9	13.13
5,001 to 10,000	25	80	60	36	1,003	1,340	1,673	861	25.3	59.5	35.8	42.0	15.85
10,001 to 25,000	45	124	87	80	1,052	1,995	2,509	1,489	43.1	62.1	34.9	53.6	15.90
25,001 to 50,000	42	93	77	37	786	1,511	1,162	595	54.0	61.8	66.4	61.6	15.85
50,001 to 100,000	29	111	79	28	756	986	813	444	38.9	112.4	97.0	63.3	28.06
Over 100,000	107	206	114	116	1,014	1,615	1,017	889	105.2	127.5	112.1	130.0	17.15
Gas Transported for the Account of Others													
Used in Building	Q	132	40	Q	Q	984	291	Q	Q	134.7	136.3	Q	22.89
Not Used in Building	235	598	475	290	6,676	9,922	12,000	7,424	35.2	60.2	39.6	39.0	9.96

Q = Data withheld because the Relative Standard Error (RSE) was greater than 50 percent, or data were reported for fewer than 20 buildings.

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding RSE column and RSE row factors. • See Glossary for explanation of abbreviations and definitions of terms used in this report. • Statistics for the "energy end uses" represent consumption in buildings that have end use, not consumption for a particular fuel for a particular end use. • Because of rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-871A through F of the 1995 Commercial Buildings Energy Consumption Survey.

Table 23. Natural Gas Expenditures by Census Region, 1995

Building Characteristics	Total Natural Gas Expenditures (million dollars)				Natural Gas Expenditures (dollars)								RSE Row Factor
					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	
	2.0	1.5	1.6	1.6	0.7	0.5	0.5	0.5	1.4	1.0	1.1	1.1	
RSE Column Factor:	2.0	1.5	1.6	1.6	0.7	0.5	0.5	0.5	1.4	1.0	1.1	1.1	
All Buildings	1,739	2,947	2,560	1,772	6.02	4.04	4.98	4.91	0.24	0.27	0.21	0.23	7.40
Building Floorspace (square feet)													
1,001 to 5,000	198	525	420	340	7.61	4.96	5.74	6.59	0.78	0.51	0.44	0.47	10.39
5,001 to 10,000	269	530	356	285	8.27	4.47	5.50	5.83	0.37	0.37	0.27	0.28	15.71
10,001 to 25,000	280	538	660	297	6.60	4.54	5.09	5.28	0.23	0.27	0.24	0.18	13.49
25,001 to 50,000	257	355	291	256	7.10	4.34	5.31	4.94	0.27	0.25	0.19	0.19	11.63
50,001 to 100,000	186	352	287	266	7.18	4.03	4.91	4.08	0.25	0.21	0.15	0.22	12.59
100,001 to 200,000	235	292	329	102	Q	3.24	4.34	4.47	0.28	0.21	0.19	0.14	17.75
200,001 to 500,000	190	203	141	194	4.10	2.94	3.88	3.63	0.20	0.18	0.13	0.26	17.43
Over 500,000	125	Q	76	32	4.12	2.56	3.57	2.83	Q	0.18	0.08	0.07	24.14
Principal Building Activity													
Education	300	358	198	262	6.10	3.83	4.59	4.94	0.20	0.23	0.13	0.23	12.22
Food Sales	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Food Service	Q	195	308	Q	Q	4.74	5.28	Q	Q	0.48	1.08	Q	18.67
Health Care	174	201	268	194	3.69	2.60	3.71	3.55	0.54	0.48	0.44	0.47	20.97
Lodging	Q	247	314	295	Q	3.73	5.23	4.88	Q	0.35	0.29	0.35	17.97
Mercantile and Service	339	825	635	179	8.03	4.46	5.15	5.26	0.22	0.28	0.21	0.16	16.70
Office	244	383	287	237	6.39	4.07	5.64	4.75	0.20	0.23	0.15	0.14	11.99
Public Assembly	135	206	207	127	Q	4.44	5.00	4.74	0.32	0.29	0.22	0.22	18.04
Public Order and Safety	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Religious Worship	47	108	52	96	7.69	4.62	5.67	5.56	0.15	0.21	0.09	0.16	14.75
Warehouse and Storage	151	197	168	Q	6.70	4.50	5.77	5.85	0.14	0.17	0.10	Q	12.22
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Vacant	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Year Constructed													
1919 or Before	142	291	95	128	6.76	4.36	6.24	4.42	0.22	0.24	0.21	0.39	15.73
1920 to 1945	214	408	217	128	5.71	4.15	5.18	4.72	0.24	0.23	0.18	0.17	17.13
1946 to 1959	393	663	385	355	6.12	3.98	5.10	4.79	0.31	0.36	0.19	0.27	14.36
1960 to 1969	293	530	496	431	6.88	3.97	4.61	5.31	0.23	0.28	0.20	0.27	14.40
1970 to 1979	304	442	602	347	4.89	3.86	4.52	4.79	0.27	0.23	0.23	0.20	14.58
1980 to 1989	262	422	474	239	6.81	3.98	5.41	4.95	0.18	0.27	0.17	0.16	12.30
1990 to 1992	Q	94	217	108	Q	4.47	5.63	5.05	Q	0.22	0.37	0.29	19.31
1993 to 1995	Q	96	Q	Q	Q	4.14	4.99	Q	Q	0.31	0.24	Q	24.84
Climate Zone: 45-Year Average													
Fewer than 2,000 CDD and --													
More than 7,000 HDD	Q	798	Q	148	Q	4.09	Q	3.96	Q	0.27	Q	0.39	14.94
5,500-7,000 HDD	932	1,676	Q	299	5.80	3.93	Q	3.47	0.29	0.28	Q	0.19	12.67
4,000-5,499 HDD	801	472	722	218	6.29	4.37	4.61	4.56	0.21	0.25	0.30	0.25	13.99
Fewer than 4,000 HDD	Q	Q	1,075	938	Q	Q	5.27	5.94	Q	Q	0.20	0.22	9.34
More than 2,000 CDD and --													
Fewer than 4,000 HDD	Q	Q	764	169	Q	Q	4.97	5.29	Q	Q	0.17	0.20	15.58
Workers (main shift)													
Fewer than 5	223	596	419	382	7.79	4.94	5.76	5.60	0.25	0.28	0.19	0.27	9.37
5 to 9	112	590	244	252	6.77	4.36	5.78	5.82	0.18	0.39	0.19	0.24	17.59
10 to 19	273	357	500	233	7.89	4.47	4.68	5.71	0.34	0.27	0.32	0.24	17.78
20 to 49	396	484	568	281	6.33	4.33	5.46	5.04	0.35	0.26	0.24	0.22	12.34
50 to 99	173	323	311	179	6.70	3.78	5.09	4.46	0.20	0.26	0.18	0.19	12.87
100 to 249	215	271	230	215	5.93	3.48	4.38	4.35	0.22	0.22	0.21	0.22	17.39
250 or More	347	327	287	230	4.11	2.74	3.85	3.61	0.19	0.20	0.14	0.19	16.29
Weekly Operating Hours													
39 or Fewer	79	183	127	110	7.26	4.77	5.76	5.87	0.23	0.21	0.16	0.17	14.28
40 to 48	325	703	441	321	6.89	4.29	5.59	4.89	0.26	0.27	0.15	0.18	11.69
49 to 60	235	535	438	258	7.04	4.30	5.25	4.99	0.16	0.27	0.15	0.15	12.60
61 to 84	323	537	279	271	6.93	4.27	5.46	5.59	0.22	0.23	0.15	0.20	12.72
85 to 167	315	349	309	241	6.25	4.42	5.04	5.30	0.32	0.30	0.29	0.33	18.98
Open Continuously	462	639	966	571	4.60	3.22	4.44	4.35	0.28	0.33	0.34	0.37	13.75

See footnotes at end of table.

Table 23. Natural Gas Expenditures by Census Region, 1995 (Continued)

Building Characteristics	Total Natural Gas Expenditures (million dollars)				Natural Gas Expenditures (dollars)								RSE Row Factor
					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	
	2.0	1.5	1.6	1.6	0.7	0.5	0.5	0.5	1.4	1.0	1.1	1.1	
Ownership and Occupancy													
Nongovernment Owned	1,369	2,303	2,055	1,337	6.19	4.19	5.18	5.04	0.25	0.27	0.21	0.22	7.77
Owner Occupied	1,071	1,925	1,781	1,048	5.99	4.09	5.14	4.84	0.25	0.27	0.23	0.22	8.79
Nonowner Occupied	296	347	270	288	7.03	4.83	5.40	5.92	0.26	0.24	0.13	0.19	11.11
Unoccupied	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Government Owned	369	644	505	435	5.47	3.56	4.31	4.53	0.22	0.29	0.22	0.26	13.00
Space in Building Vacant for at Least Three Consecutive Months													
Yes	301	563	516	385	5.39	3.78	4.56	4.81	0.15	0.21	0.17	0.19	12.74
No	1,438	2,383	2,045	1,388	6.17	4.10	5.10	4.93	0.28	0.29	0.22	0.24	8.04
Energy Sources (more than one may apply)													
Electricity	1,724	2,931	2,560	1,771	6.02	4.04	4.98	4.90	0.24	0.27	0.21	0.23	7.93
Natural Gas	1,739	2,947	2,560	1,772	6.02	4.04	4.98	4.91	0.24	0.27	0.21	0.23	7.40
Fuel Oil	571	500	657	372	4.86	3.06	4.02	3.82	0.19	0.23	0.26	0.23	15.85
District Heat	Q	121	Q	Q	Q	2.96	Q	Q	Q	0.14	Q	Q	41.99
District Chilled Water	Q	Q	102	Q	Q	2.81	3.50	Q	Q	0.18	0.23	Q	24.97
Propane	62	148	161	53	7.59	4.45	4.45	5.63	0.25	0.24	0.33	0.24	16.85
Other	Q	91	45	Q	Q	3.85	5.03	Q	Q	0.19	0.12	Q	26.82
Energy End Uses (more than one may apply)													
Buildings with Space Heating	1,739	2,931	2,546	1,756	6.02	4.04	4.97	4.89	0.24	0.27	0.21	0.23	7.43
Buildings with Cooling	1,588	2,614	2,475	1,512	5.91	3.97	4.96	4.87	0.25	0.26	0.21	0.22	7.83
Buildings with Water Heating	1,703	2,775	2,428	1,744	6.00	3.98	4.94	4.89	0.24	0.27	0.21	0.23	7.53
Buildings with Cooking	910	1,218	1,123	965	5.29	3.65	4.74	4.68	0.25	0.29	0.23	0.30	8.89
Buildings with Manufacturing	110	203	169	45	7.08	3.75	5.74	5.23	0.31	0.22	0.18	0.13	18.52
Buildings with Electricity Generation	563	567	657	459	5.00	3.13	4.29	4.00	0.20	0.24	0.20	0.23	12.00
Space-Heating Energy Source													
Natural Gas	1,457	2,781	2,013	1,518	6.12	4.07	4.91	4.91	0.29	0.28	0.21	0.22	7.82
Natural Gas Main	1,407	2,694	1,889	1,447	6.13	4.08	4.91	4.89	0.30	0.29	0.22	0.24	7.89
Natural Gas Secondary	50	87	124	71	6.06	Q	4.94	5.52	0.14	0.16	0.12	0.09	20.72
Other Excluding Natural Gas	282	150	532	238	5.54	3.54	5.21	4.75	0.14	0.14	0.22	0.26	18.53
Buildings without Space Heating	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Primary Space-Heating Energy Source													
Electricity	118	116	519	225	7.18	Q	5.97	5.61	0.28	0.17	0.18	0.16	16.00
Natural Gas	1,407	2,694	1,889	1,447	6.13	4.08	4.91	4.89	0.30	0.29	0.22	0.24	7.89
Fuel Oil	95	Q	Q	Q	7.42	Q	Q	Q	0.08	Q	Q	Q	18.67
District Heat	108	106	107	Q	3.80	3.01	3.56	Q	0.16	0.13	0.28	Q	22.98
Propane	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Cooling Energy Source													
Natural Gas	191	122	Q	93	4.37	3.26	Q	5.00	0.49	0.34	Q	0.28	17.85
Other Excluding Natural Gas	1,397	2,492	2,419	1,419	6.21	4.01	4.99	4.86	0.23	0.26	0.21	0.22	8.15
Buildings without Cooling	151	333	85	260	7.46	4.62	5.37	5.12	0.21	0.32	Q	0.27	14.65
Water-Heating Energy Source													
Natural Gas	1,253	2,278	1,844	1,473	6.00	3.92	4.82	4.89	0.33	0.31	0.24	0.25	8.71
Other Excluding Natural Gas	450	498	583	271	6.00	4.30	5.37	4.89	0.14	0.17	0.16	0.16	10.89
Buildings without Water Heating	Q	171	133	Q	Q	5.12	5.75	Q	Q	0.24	0.16	Q	16.91
Cooking Energy Source													
Natural Gas	674	996	994	830	5.60	3.70	4.72	4.62	0.23	0.28	0.24	0.32	9.80
Other Excluding Natural Gas	236	222	128	135	4.57	3.43	4.91	5.03	0.35	0.30	0.18	0.21	20.01
Buildings without Cooking	829	1,728	1,438	807	7.09	4.37	5.18	5.21	0.24	0.26	0.19	0.18	9.62

See footnotes at end of table.

Table 23. Natural Gas Expenditures by Census Region, 1995 (Continued)

Building Characteristics	Total Natural Gas Expenditures (million dollars)				Natural Gas Expenditures (dollars)								RSE Row Factor
					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	
	2.0	1.5	1.6	1.6	0.7	0.5	0.5	0.5	1.4	1.0	1.1	1.1	
RSE Column Factor:													
Percent of Floorspace Heated													
Not Heated	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
1 to 50	75	178	121	94	6.67	4.82	6.01	6.09	0.12	0.19	0.10	0.10	18.17
51 to 99	413	276	506	266	7.69	4.58	4.64	5.28	0.25	0.27	0.25	0.17	17.82
100	1,251	2,476	1,919	1,396	5.59	3.94	5.01	4.76	0.26	0.28	0.21	0.26	7.65
Annual Consumption (hundred cubic feet)													
1,000 or Less	43	29	106	93	10.27	6.32	7.26	8.81	0.05	0.09	0.08	0.07	14.50
1,001 to 5,000	270	576	486	344	7.65	5.16	5.89	6.33	0.16	0.18	0.13	0.15	8.18
5,001 to 10,000	174	369	320	209	6.86	4.63	5.33	5.77	0.17	0.28	0.19	0.24	9.97
10,001 to 25,000	352	565	488	436	7.75	4.56	5.59	5.47	0.33	0.28	0.19	0.29	11.62
25,001 to 50,000	292	409	411	172	6.87	4.38	5.33	4.68	0.37	0.27	0.35	0.29	10.79
50,001 to 100,000	190	419	334	119	6.48	3.78	4.23	4.24	0.25	0.42	0.41	0.27	19.10
Over 100,000	418	579	416	399	3.91	2.81	3.65	3.45	0.41	0.36	0.41	0.45	17.64
Gas Transported for the Account of Others													
Used in Building	Q	381	126	Q	Q	2.88	3.17	Q	Q	0.39	0.43	Q	32.76
Not Used in Building	1,552	2,565	2,435	1,510	6.60	4.29	5.13	5.21	0.23	0.26	0.20	0.20	7.32

Q = Data withheld because the Relative Standard Error (RSE) was greater than 50 percent, or data were reported for fewer than 20 buildings.

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding RSE column and RSE row factors. • See Glossary for explanation of abbreviations and definitions of terms used in this report. • Statistics for the "energy end uses" represent consumption in buildings that have end use, not consumption for a particular fuel for a particular end use. • Because of rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-871A through F of the 1995 Commercial Buildings Energy Consumption Survey.

Table 24. Natural Gas Consumption and Conditional Energy Intensity by Building Size, 1995

Building Characteristics	Total Natural Gas Consumption (billion cubic feet)			Total Floorspace of Buildings Using Natural Gas (million square feet)			Natural Gas Energy Intensity (cubic feet/sq. ft.)			RSE Row Factor
	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	
	1.4	1.0	1.2	1.1	0.8	0.9	1.1	0.8	0.9	
RSE Column Factor:										
All Buildings	521	808	565	7,440	18,410	12,296	70.0	43.9	46.0	7.79
Principal Building Activity										
Education	26	143	70	411	3,424	1,965	62.1	41.9	35.5	15.90
Food Sales	6	Q	Q	188	Q	Q	33.0	Q	Q	19.79
Food Service	126	27	Q	698	296	Q	180.0	91.4	Q	23.98
Health Care	Q	26	207	Q	296	1,328	Q	86.7	156.1	19.44
Lodging	22	108	77	259	1,444	1,125	85.9	74.8	68.2	19.44
Mercantile and Service	182	170	33	2,559	3,696	2,265	71.1	45.9	14.6	20.95
Office	51	113	69	1,216	2,943	2,362	42.0	38.5	29.0	13.43
Public Assembly	37	67	34	699	1,325	638	53.6	50.4	53.2	22.15
Public Order and Safety	Q	21	Q	Q	522	Q	Q	40.7	Q	26.65
Religious Worship	24	31	Q	531	1,437	Q	45.7	21.9	Q	19.78
Warehouse and Storage	14	56	33	432	2,189	1,973	31.6	25.5	16.9	18.42
Other	Q	23	Q	Q	370	Q	Q	61.5	Q	47.82
Vacant	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Year Constructed										
1919 or Before	56	50	Q	868	1,337	Q	64.9	37.3	Q	16.54
1920 to 1945	64	89	51	1,158	2,057	1,344	55.5	43.5	37.9	18.24
1946 to 1959	143	156	82	1,690	3,325	1,455	84.4	46.9	56.3	18.79
1960 to 1969	85	152	128	1,049	3,557	2,565	80.8	42.6	50.1	14.55
1970 to 1979	75	160	147	1,244	3,182	2,949	60.5	50.4	49.8	16.23
1980 to 1989	55	138	87	976	3,610	2,595	56.0	38.4	33.6	12.80
1990 to 1992	38	31	28	379	681	599	100.9	45.7	47.4	32.33
1993 to 1995	Q	32	16	Q	660	352	Q	47.9	46.0	24.47
Census Region and Division										
Northeast	58	104	126	975	2,923	3,210	60.0	35.7	39.2	15.18
New England	Q	32	35	Q	756	634	Q	42.1	55.7	32.25
Middle Atlantic	54	73	91	932	2,167	2,575	58.0	33.5	35.2	15.28
Midwest	224	288	218	2,442	5,089	3,374	91.8	56.5	64.7	11.69
East North Central	134	211	147	1,662	3,493	2,397	80.6	60.5	61.3	11.85
West North Central	Q	76	71	780	1,596	977	115.8	47.8	73.0	20.81
South	138	243	133	2,277	6,215	3,799	60.5	39.1	35.1	13.84
South Atlantic	47	78	67	628	2,227	1,947	75.5	34.9	34.2	19.52
East South Central	40	94	26	659	1,784	721	60.5	52.9	35.4	31.49
West South Central	51	71	41	990	2,204	1,132	51.0	32.3	36.5	17.23
West	101	173	88	1,746	4,183	1,913	57.6	41.4	45.8	14.12
Mountain	32	88	26	632	1,528	464	50.6	57.6	55.3	24.87
Pacific	69	85	62	1,114	2,654	1,449	61.5	32.1	42.7	17.82
Climate Zone: 45-Year Average										
Fewer than 2,000 CDD and --										
More than 7,000 HDD	60	108	66	759	1,917	723	78.8	56.1	91.3	20.68
5,500-7,000 HDD	171	280	223	1,853	5,076	3,826	92.3	55.2	58.2	13.21
4,000-5,499 HDD	128	179	133	1,729	3,586	3,779	74.0	49.9	35.3	16.01
Fewer than 4,000 HDD	100	160	102	1,823	5,280	2,495	54.6	30.3	40.9	15.10
More than 2,000 CDD and --										
Fewer than 4,000 HDD	63	82	41	1,276	2,551	1,472	49.1	32.1	28.0	19.33
Workers (main shift)										
Fewer than 5	208	82	Q	3,865	2,575	Q	53.7	31.7	Q	11.31
5 to 9	144	92	Q	1,821	2,489	Q	78.9	36.8	Q	20.21
10 to 19	104	147	11	1,178	2,981	537	88.7	49.2	20.8	24.95
20 to 49	62	235	38	532	5,223	872	116.2	44.9	43.3	18.81
50 to 99	Q	130	80	Q	2,797	1,933	Q	46.4	41.3	13.62
100 to 249	Q	108	107	Q	1,822	2,451	Q	59.1	43.8	16.93
250 or More	Q	16	326	Q	523	6,188	Q	31.0	52.7	14.70

See footnotes at end of table.

**Table 24. Natural Gas Consumption and Conditional Energy Intensity
by Building Size, 1995 (Continued)**

Building Characteristics	Total Natural Gas Consumption (billion cubic feet)			Total Floorspace of Buildings Using Natural Gas (million square feet)			Natural Gas Energy Intensity (cubic feet/sq. ft.)			RSE Row Factor
	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	
	1.4	1.0	1.2	1.1	0.8	0.9	1.1	0.8	0.9	
RSE Column Factor:										
Weekly Operating Hours										
39 or Fewer	53	34	Q	1,251	1,261	Q	42.3	26.6	Q	17.18
40 to 48	138	179	39	2,130	4,814	1,598	64.6	37.2	24.2	16.44
49 to 60	83	149	62	1,737	4,439	1,826	47.6	33.5	33.7	13.45
61 to 84	88	120	64	1,192	3,037	2,818	74.0	39.6	22.6	13.80
85 to 167	98	91	47	590	1,472	1,472	166.3	47.8	32.1	19.84
Open Continuously	61	236	351	540	2,955	4,436	113.8	79.7	79.0	15.04
Ownership and Occupancy										
Nongovernment Owned	422	606	405	6,625	14,669	8,962	63.7	41.3	45.2	7.95
Owner Occupied	338	506	368	5,352	11,267	7,337	63.1	44.9	50.2	8.83
Nonowner Occupied	80	99	34	1,145	3,372	1,560	69.8	29.3	21.6	16.21
Unoccupied	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Government Owned	99	202	160	815	3,740	3,334	121.2	54.1	48.1	15.39
Space in Building Vacant for at Least Three Consecutive Months										
Yes	52	185	161	969	3,946	4,810	53.4	47.0	33.4	16.72
No	469	623	404	6,471	14,464	7,486	72.5	43.1	54.0	8.19
Energy Sources (more than one may apply)										
Electricity	521	805	561	7,436	18,374	12,199	70.0	43.8	46.0	8.22
Natural Gas	521	808	565	7,440	18,410	12,296	70.0	43.9	46.0	7.79
Fuel Oil	13	166	362	181	2,812	6,269	74.3	59.0	57.7	18.05
District Heat	Q	Q	109	Q	Q	1,698	Q	Q	64.5	29.99
District Chilled Water	Q	24	74	Q	395	879	Q	60.0	84.6	25.56
Propane	33	37	18	361	752	452	91.3	48.7	39.2	23.25
Other	13	25	25	210	856	419	59.8	29.3	58.9	32.41
Energy End Uses (more than one may apply)										
Buildings with Space Heating	516	806	565	7,359	18,353	12,238	70.0	43.9	46.2	7.83
Buildings with Cooling	435	745	556	6,253	16,907	11,940	69.5	44.1	46.6	8.38
Buildings with Water Heating	473	792	563	6,419	17,686	12,179	73.7	44.8	46.3	8.10
Buildings with Cooking	177	324	449	1,448	6,250	8,271	122.2	51.8	54.3	9.56
Buildings with Manufacturing	12	57	39	180	1,413	949	66.0	40.2	41.3	21.12
Buildings with Electricity Generation	30	166	366	268	3,027	7,037	110.8	54.9	52.0	14.38
Space-Heating Energy Source										
Natural Gas	458	715	468	6,758	15,563	9,214	67.8	46.0	50.7	8.40
Natural Gas Main	453	685	433	6,583	14,121	8,103	68.8	48.5	53.4	8.74
Natural Gas Secondary	5	30	34	175	1,442	1,111	29.2	21.0	31.0	24.69
Other Excluding Natural Gas	57	91	97	601	2,790	3,023	95.5	32.5	32.2	19.29
Buildings without Space Heating	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Primary Space-Heating Energy Source										
Electricity	56	78	37	594	2,775	2,059	94.5	28.0	18.1	21.83
Natural Gas	453	685	433	6,583	14,121	8,103	68.8	48.5	53.4	8.74
Fuel Oil	Q	Q	Q	Q	791	Q	Q	Q	Q	38.04
District Heat	Q	30	84	Q	543	1,433	Q	56.0	58.3	23.10
Propane	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Cooling Energy Source										
Natural Gas	Q	28	70	Q	564	588	Q	50.3	119.8	26.23
Other Excluding Natural Gas	420	716	486	6,090	16,344	11,352	69.0	43.8	42.8	8.67
Buildings without Cooling	86	64	Q	1,187	1,502	Q	72.7	42.3	Q	17.26

See footnotes at end of table.

**Table 24. Natural Gas Consumption and Conditional Energy Intensity
by Building Size, 1995 (Continued)**

Building Characteristics	Total Natural Gas Consumption (billion cubic feet)			Total Floorspace of Buildings Using Natural Gas (million square feet)			Natural Gas Energy Intensity (cubic feet/sq. ft.)			RSE Row Factor
	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	
	1.4	1.0	1.2	1.1	0.8	0.9	1.1	0.8	0.9	
RSE Column Factor:										
Water-Heating Energy Source										
Natural Gas	385	638	451	4,648	12,638	7,574	82.8	50.5	59.5	9.49
Other Excluding Natural Gas	88	154	113	1,772	5,047	4,605	49.8	30.5	24.5	12.41
Buildings without Water Heating	48	16	Q	1,021	724	Q	47.0	22.6	Q	25.90
Cooking Energy Source										
Natural Gas	162	262	355	1,257	4,817	7,121	129.2	54.5	49.9	10.42
Other Excluding Natural Gas	15	61	94	190	1,433	1,149	76.1	42.8	81.4	19.89
Buildings without Cooking	344	485	116	5,992	12,160	4,025	57.4	39.9	28.9	10.86
Percent of Floorspace Heated										
Not Heated	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
1 to 50	41	35	8	799	1,828	1,089	51.1	19.3	7.2	22.98
51 to 99	81	129	64	1,390	2,602	2,221	58.3	49.5	28.6	20.45
100	394	642	493	5,170	13,923	8,927	76.1	46.1	55.3	7.99
Annual Consumption (hundred cubic feet)										
1,000 or Less	30	4	(*)	1,952	1,614	305	15.4	2.4	0.2	18.75
1,001 to 5,000	206	76	1	4,132	5,513	1,122	49.9	13.8	1.3	11.03
5,001 to 10,000	96	103	2	732	3,313	832	131.1	31.1	2.9	14.00
10,001 to 25,000	105	218	13	474	4,556	2,015	222.0	47.9	6.6	12.25
25,001 to 50,000	Q	168	36	Q	2,156	1,810	Q	77.8	19.7	10.15
50,001 to 100,000	Q	146	66	Q	858	2,078	Q	170.4	31.6	15.56
Over 100,000	Q	93	447	Q	400	4,134	Q	233.7	108.1	15.37
Gas Transported for the Account of Others										
Used in Building	Q	74	213	Q	509	1,566	Q	145.0	136.0	23.79
Not Used in Building	511	735	352	7,392	17,901	10,729	69.1	41.0	32.8	8.28

(*) = Value rounds to zero in the units displayed.

Q = Data withheld because the Relative Standard Error (RSE) was greater than 50 percent, or data were reported for fewer than 20 buildings.

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding RSE column and RSE row factors. • See Glossary for explanation of abbreviations and definitions of terms used in this report. • Statistics for the "energy end uses" represent consumption in buildings that have end use, not consumption for a particular fuel for a particular end use. • Because of rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-871A through F of the 1995 Commercial Buildings Energy Consumption Survey.

**Table 25. Natural Gas Consumption and Conditional Energy Intensity
by Year Constructed, 1995**

Building Characteristics	Total Natural Gas Consumption (billion cubic feet)			Total Floorspace of Buildings Using Natural Gas (million square feet)			Natural Gas Energy Intensity (cubic feet/sq. ft.)			RSE Row Factor
	1959 or Before	1960-1989	1990-1995	1959 or Before	1960-1989	1990-1995	1959 or Before	1960-1989	1990-1995	
	1.1	0.8	2.0	0.9	0.6	1.3	0.8	0.7	1.6	
RSE Column Factor:	1.1	0.8	2.0	0.9	0.6	1.3	0.8	0.7	1.6	
All Buildings	717	1,027	150	13,673	21,726	2,747	52.4	47.3	54.7	9.25
Building Floorspace (square feet)										
1,001 to 5,000	126	100	31	1,476	1,318	149	85.2	75.8	208.0	19.16
5,001 to 10,000	138	115	12	2,241	1,951	305	61.4	58.9	38.9	22.31
10,001 to 25,000	130	205	11	3,135	4,158	267	41.5	49.4	42.5	20.11
25,001 to 50,000	72	131	22	1,698	3,076	467	42.4	42.5	46.6	13.28
50,001 to 100,000	93	114	30	1,886	3,115	606	49.5	36.6	48.7	16.39
100,001 to 200,000	72	144	Q	1,484	2,767	Q	48.7	52.2	Q	20.44
200,001 to 500,000	54	137	15	1,159	2,554	228	46.4	53.5	64.2	21.01
Over 500,000	32	81	9	593	2,787	332	54.5	29.1	25.8	23.20
Principal Building Activity										
Education	123	102	13	2,905	2,616	279	42.4	39.2	46.2	16.68
Food Sales	Q	Q	Q	Q	222	Q	Q	43.6	Q	59.38
Food Service	53	73	Q	412	497	Q	128.9	146.2	Q	27.18
Health Care	55	185	Q	339	1,300	Q	162.0	142.0	Q	23.17
Lodging	64	128	15	727	1,859	242	87.8	68.9	62.0	19.58
Mercantile and Service	168	187	29	2,777	5,043	700	60.6	37.1	41.8	23.28
Office	93	126	14	2,163	3,879	480	42.9	32.6	28.8	15.11
Public Assembly	61	61	16	1,199	1,200	263	51.3	50.9	59.4	22.70
Public Order and Safety	Q	18	Q	Q	457	Q	Q	38.5	Q	37.41
Religious Worship	26	28	Q	883	1,042	Q	29.1	26.7	Q	23.47
Warehouse and Storage	26	68	9	1,434	2,891	270	17.8	23.5	35.0	19.41
Other	Q	33	Q	Q	456	Q	Q	73.2	Q	50.45
Vacant	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Census Region and Division										
Northeast	123	143	23	2,825	3,796	486	43.4	37.7	47.2	20.04
New England	28	41	Q	505	854	Q	55.3	47.9	Q	40.99
Middle Atlantic	95	102	Q	2,320	2,943	412	40.8	34.7	49.1	22.41
Midwest	332	354	44	4,798	5,375	733	69.1	65.9	60.3	13.91
East North Central	217	239	36	3,562	3,443	548	60.8	69.5	65.9	14.23
West North Central	115	115	Q	1,236	1,932	Q	93.1	59.4	Q	28.66
South	133	328	54	3,654	7,746	891	36.3	42.4	60.1	14.67
South Atlantic	53	119	Q	1,397	3,027	379	38.1	39.2	Q	20.76
East South Central	30	124	6	726	2,262	175	40.6	54.9	34.6	19.95
West South Central	50	86	28	1,531	2,457	337	32.5	34.8	81.6	13.80
West	130	202	29	2,396	4,809	636	54.3	41.9	46.3	16.73
Mountain	71	65	Q	1,139	1,267	Q	62.5	51.6	41.2	25.62
Pacific	59	136	20	1,257	3,541	419	46.8	38.5	48.9	19.23
Climate Zone: 45-Year Average										
Fewer than 2,000 CDD and --										
More than 7,000 HDD	78	136	Q	1,127	2,015	Q	68.7	67.5	Q	21.01
5,500-7,000 HDD	323	310	41	4,752	5,287	715	67.9	58.6	57.5	15.04
4,000-5,499 HDD	165	244	31	3,561	4,838	695	46.4	50.4	44.4	20.88
Fewer than 4,000 HDD	100	231	31	2,557	6,259	782	39.0	36.9	39.5	12.82
More than 2,000 CDD and --										
Fewer than 4,000 HDD	52	107	27	1,676	3,327	297	30.8	32.1	92.1	20.76
Workers (main shift)										
Fewer than 5	159	121	10	3,430	2,775	376	46.4	43.5	27.7	15.11
5 to 9	133	96	Q	2,231	2,123	129	59.6	45.2	64.0	23.83
10 to 19	66	174	22	1,644	2,760	292	40.2	63.0	77.1	21.08
20 to 49	149	147	39	2,416	3,641	570	61.5	40.3	68.0	15.51
50 to 99	58	134	20	1,399	2,899	464	41.2	46.3	43.8	15.64
100 to 249	69	120	28	1,361	2,483	442	50.4	48.2	62.8	20.77
250 or More	84	236	22	1,193	5,045	473	70.5	46.8	46.9	18.35

See footnotes at end of table.

**Table 25. Natural Gas Consumption and Conditional Energy Intensity
by Year Constructed, 1995 (Continued)**

Building Characteristics	Total Natural Gas Consumption (billion cubic feet)			Total Floorspace of Buildings Using Natural Gas (million square feet)			Natural Gas Energy Intensity (cubic feet/sq. ft.)			RSE Row Factor
	1959 or Before	1960-1989	1990-1995	1959 or Before	1960-1989	1990-1995	1959 or Before	1960-1989	1990-1995	
	1.1	0.8	2.0	0.9	0.6	1.3	0.8	0.7	1.6	
RSE Column Factor:	1.1	0.8	2.0	0.9	0.6	1.3	0.8	0.7	1.6	
Weekly Operating Hours										
39 or Fewer	56	31	Q	1,438	1,108	Q	38.9	27.9	Q	22.13
40 to 48	200	136	20	4,237	3,839	465	47.1	35.3	43.3	15.82
49 to 60	115	158	19	2,902	4,465	636	39.8	35.5	30.4	15.19
61 to 84	102	147	22	2,068	4,566	414	49.6	32.3	53.4	15.94
85 to 167	86	121	Q	1,105	2,481	380	77.4	48.7	78.9	22.06
Open Continuously	158	434	56	1,922	5,267	742	82.2	82.4	74.8	16.46
Ownership and Occupancy										
Nongovernment Owned	477	831	125	10,278	17,773	2,205	46.4	46.7	56.6	9.85
Owner Occupied	409	690	113	8,586	13,576	1,794	47.7	50.8	62.8	10.66
Nonowner Occupied	64	137	12	1,567	4,099	411	40.6	33.4	29.8	16.95
Unoccupied	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Government Owned	240	196	25	3,395	3,953	541	70.6	49.7	46.8	15.20
Space in Building Vacant for at Least Three Consecutive Months										
Yes	138	239	21	2,859	6,241	624	48.3	38.3	33.4	15.67
No	579	788	129	10,813	15,485	2,123	53.5	50.9	60.9	9.69
Energy Sources (more than one may apply)										
Electricity	713	1,024	149	13,605	21,679	2,724	52.4	47.3	54.9	9.59
Natural Gas	717	1,027	150	13,673	21,726	2,747	52.4	47.3	54.7	9.25
Fuel Oil	133	362	Q	2,565	5,981	716	52.0	60.6	63.4	18.98
District Heat	Q	81	Q	Q	1,151	Q	Q	70.2	Q	45.06
District Chilled Water	40	53	Q	439	725	Q	91.6	73.7	Q	29.82
Propane	20	58	Q	423	985	Q	48.4	58.6	Q	27.91
Other	17	41	Q	583	804	Q	28.9	50.7	Q	34.20
Energy End Uses (more than one may apply)										
Buildings with Space Heating	712	1,024	150	13,601	21,612	2,736	52.3	47.4	54.9	9.29
Buildings with Cooling	616	973	147	11,824	20,602	2,674	52.1	47.2	55.1	9.85
Buildings with Water Heating	686	997	146	12,808	20,904	2,573	53.6	47.7	56.6	9.49
Buildings with Cooking	316	546	88	5,104	9,543	1,321	61.8	57.2	66.7	10.87
Buildings with Manufacturing	45	56	Q	973	1,388	Q	45.9	40.6	Q	23.72
Buildings with Electricity Generation	139	371	52	2,014	7,344	974	69.2	50.5	53.0	16.19
Space-Heating Energy Source										
Natural Gas	633	886	122	11,569	17,715	2,252	54.7	50.0	54.2	10.02
Natural Gas Main	618	838	116	10,807	15,933	2,068	57.2	52.6	56.0	10.37
Natural Gas Secondary	15	48	6	762	1,781	185	20.1	27.1	33.5	25.67
Other Excluding Natural Gas	79	138	28	2,033	3,898	484	38.8	35.5	58.1	19.98
Buildings without Space Heating	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Primary Space-Heating Energy Source										
Electricity	34	110	27	911	4,022	494	37.7	27.3	54.7	22.88
Natural Gas	618	838	116	10,807	15,933	2,068	57.2	52.6	56.0	10.37
Fuel Oil	12	Q	Q	817	Q	Q	Q	Q	Q	33.96
District Heat	45	64	Q	919	987	Q	49.1	64.7	Q	29.51
Propane	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Cooling Energy Source										
Natural Gas	34	72	Q	438	762	Q	76.9	93.9	Q	32.40
Other Excluding Natural Gas	582	901	139	11,386	19,840	2,560	51.1	45.4	54.5	10.15
Buildings without Cooling	101	55	Q	1,848	1,124	Q	54.8	48.6	Q	21.30

See footnotes at end of table.

**Table 25. Natural Gas Consumption and Conditional Energy Intensity
by Year Constructed, 1995 (Continued)**

Building Characteristics	Total Natural Gas Consumption (billion cubic feet)			Total Floorspace of Buildings Using Natural Gas (million square feet)			Natural Gas Energy Intensity (cubic feet/sq. ft.)			RSE Row Factor
	1959 or Before	1960-1989	1990-1995	1959 or Before	1960-1989	1990-1995	1959 or Before	1960-1989	1990-1995	
	1.1	0.8	2.0	0.9	0.6	1.3	0.8	0.7	1.6	
RSE Column Factor:	1.1	0.8	2.0	0.9	0.6	1.3	0.8	0.7	1.6	
Water-Heating Energy Source										
Natural Gas	561	797	115	9,196	13,951	1,712	61.0	57.2	67.1	10.96
Other Excluding Natural Gas	125	199	31	3,612	6,952	860	34.6	28.7	35.7	14.18
Buildings without Water Heating	31	31	Q	865	822	Q	35.6	37.2	Q	35.17
Cooking Energy Source										
Natural Gas	246	460	75	4,151	7,938	1,106	59.2	57.9	67.6	12.32
Other Excluding Natural Gas	70	86	Q	953	1,606	Q	73.2	53.7	Q	22.83
Buildings without Cooking	401	481	62	8,569	12,182	1,426	46.9	39.5	43.5	12.77
Percent of Floorspace Heated										
Not Heated	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
1 to 50	35	45	Q	1,601	1,973	Q	22.0	22.6	Q	26.64
51 to 99	86	160	28	2,206	3,529	479	39.0	45.2	58.0	22.18
100	591	820	118	9,795	16,111	2,115	60.3	50.9	56.0	9.76
Annual Consumption (hundred cubic feet)										
1,000 or Less	16	18	Q	1,595	2,179	Q	9.8	8.1	Q	19.74
1,001 to 5,000	144	127	13	4,776	5,320	671	30.1	23.8	20.1	11.92
5,001 to 10,000	76	116	9	1,699	2,919	258	44.7	39.8	35.2	16.69
10,001 to 25,000	144	156	37	2,374	4,050	622	60.5	38.6	59.0	14.38
25,001 to 50,000	68	152	29	1,120	2,555	377	60.9	59.5	77.4	15.35
50,001 to 100,000	97	129	21	920	1,771	307	105.9	72.7	68.4	27.40
Over 100,000	172	330	Q	1,188	2,932	415	145.1	112.5	Q	18.67
Gas Transported for the Account of Others										
Used in Building	105	159	Q	774	1,156	Q	135.4	137.9	Q	28.07
Not Used in Building	612	868	117	12,898	20,570	2,554	47.5	42.2	45.9	9.36

Q = Data withheld because the Relative Standard Error (RSE) was greater than 50 percent, or data were reported for fewer than 20 buildings.

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding RSE column and RSE row factors. • See Glossary for explanation of abbreviations and definitions of terms used in this report. • Statistics for the "energy end uses" represent consumption in buildings that have end use, not consumption for a particular fuel for a particular end use. • Because of rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-871A through F of the 1995 Commercial Buildings Energy Consumption Survey.