

Energy Consumption & Expenditures

Consumption and Intensity by: Building Level Intensities (percentile) (6 pages, 39 kb)

CONTENTS	PAGES
Table 10. Electricity Consumption and Expenditure Intensities, 1995 Table 21. Natural Gas Consumption and Expenditure Intensities, 1995	3 3
<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 10. Electricity Consumption and Expenditure Intensities, 1995

Building Characteristics	Electricity Consumption						Electricity Expenditures			RSE Row Factor
	per Building (thousand kWh)	per Square Foot (kWh)	per Worker (thousand kWh)	Distribution of Building-Level Intensities (kWh/square foot)			per Building (thousand dollars)	per Square Foot (dollars)	per kWh (dollars)	
	1.4	1.1	1.3	25th Percentile	Median	75th Percentile	1.2	0.9	0.5	
RSE Column Factor:										
All Buildings	176	13.4	10.0	3.2	7.2	16.2	13.0	0.99	0.074	3.41
Building Floorspace (square feet)										
1,001 to 5,000	49	18.7	10.6	3.9	8.5	20.6	4.3	1.63	0.087	6.46
5,001 to 10,000	72	9.9	9.2	2.2	6.2	12.8	6.2	0.86	0.087	6.49
10,001 to 25,000	156	10.0	8.7	3.0	5.6	12.7	12.3	0.79	0.079	6.91
25,001 to 50,000	438	12.1	9.1	3.6	7.3	15.5	33.1	0.92	0.076	5.30
50,001 to 100,000	933	13.5	11.0	3.9	8.9	17.6	63.0	0.91	0.068	5.79
100,001 to 200,000	2,112	15.0	11.7	4.4	12.4	23.3	134.4	0.95	0.064	6.30
200,001 to 500,000	4,779	16.2	11.9	4.6	10.5	20.7	313.9	1.06	0.066	10.78
Over 500,000	14,457	16.3	8.6	7.5	13.2	22.4	973.8	1.10	0.067	8.32
Principal Building Activity										
Education	210	8.4	6.4	4.3	6.1	14.3	16.7	0.67	0.080	6.23
Food Sales	254	54.1	53.3	37.1	55.6	81.3	18.5	3.95	0.073	10.17
Food Service	171	36.0	20.8	13.3	25.5	63.0	13.8	2.90	0.081	12.54
Health Care	589	26.5	13.8	7.4	15.7	23.3	37.2	1.67	0.063	8.55
Lodging	347	15.2	20.1	6.5	11.7	20.1	24.3	1.07	0.070	7.09
Mercantile and Service	117	11.8	11.1	3.0	6.9	12.8	9.1	0.92	0.078	6.58
Office	281	18.9	7.3	6.1	12.2	20.2	19.9	1.34	0.071	7.43
Public Assembly	153	12.7	16.7	2.7	5.8	10.0	11.1	0.92	0.072	10.50
Public Order and Safety	165	11.3	8.4	3.3	3.9	9.8	13.0	0.89	0.079	22.86
Religious Worship	36	3.4	Q	1.4	2.9	4.9	3.5	0.34	0.100	9.05
Warehouse and Storage	108	6.4	10.6	1.2	3.2	7.3	8.2	0.49	0.076	8.26
Other	330	22.1	12.0	6.3	11.3	21.8	22.0	1.47	0.067	15.31
Vacant	36	3.9	9.3	0.3	2.4	5.6	3.3	0.35	0.092	17.63
Year Constructed										
1919 or Before	87	8.3	8.0	2.0	4.8	10.3	6.8	0.65	0.079	16.67
1920 to 1945	100	8.2	7.0	2.2	5.1	11.8	7.9	0.65	0.079	8.07
1946 to 1959	113	10.4	9.3	2.8	6.5	12.2	8.8	0.81	0.078	6.76
1960 to 1969	199	13.0	9.6	2.8	7.2	15.8	15.0	0.98	0.075	6.48
1970 to 1979	223	16.0	12.0	4.2	8.8	21.0	16.1	1.16	0.072	7.18
1980 to 1989	240	15.9	9.4	4.2	10.0	22.0	17.5	1.16	0.073	6.19
1990 to 1992	234	18.8	12.3	4.1	9.4	23.2	16.2	1.30	0.069	8.84
1993 to 1995	205	17.5	16.8	2.9	8.4	16.7	14.5	1.23	0.071	15.67
Census Region and Division										
Northeast	184	11.2	8.5	2.5	5.2	12.1	18.7	1.14	0.102	5.69
New England	152	9.4	8.6	2.2	5.8	12.2	16.2	1.00	0.107	7.38
Middle Atlantic	195	11.8	8.5	2.9	5.2	12.1	19.7	1.19	0.101	7.14
Midwest	152	11.8	9.7	2.2	6.8	13.1	10.2	0.79	0.067	6.82
East North Central	149	11.1	9.8	2.0	5.6	12.7	10.5	0.78	0.071	8.77
West North Central	158	13.3	9.4	3.1	8.1	14.4	9.5	0.80	0.061	10.00
South	183	14.9	11.4	4.0	8.5	19.8	11.5	0.94	0.063	5.18
South Atlantic	223	15.4	11.3	3.9	8.5	17.5	14.8	1.02	0.067	6.07
East South Central	159	14.9	9.6	4.1	9.8	26.4	9.1	0.85	0.057	10.38
West South Central	155	14.3	13.4	3.4	7.8	16.7	9.7	0.89	0.062	10.14
West	186	14.8	9.5	3.3	7.3	18.2	14.7	1.17	0.079	8.34
Mountain	176	13.9	11.8	2.3	6.5	17.4	11.2	0.89	0.064	13.57
Pacific	191	15.3	8.7	3.9	8.8	20.1	16.4	1.32	0.086	11.24
Climate Zone: 45-Year Average										
Fewer than 2,000 CDD and --										
More than 7,000 HDD	112	10.6	8.8	2.1	5.2	12.9	7.7	0.73	0.069	11.08
5,500-7,000 HDD	179	11.7	9.9	2.5	5.6	13.7	14.0	0.91	0.078	5.85
4,000-5,499 HDD	204	14.1	9.8	2.9	6.2	14.1	15.0	1.03	0.073	8.55
Fewer than 4,000 HDD	181	14.3	9.2	4.2	9.3	21.6	13.8	1.09	0.076	7.11
More than 2,000 CDD and --										
Fewer than 4,000 HDD	169	15.0	12.2	4.7	8.7	18.2	11.7	1.04	0.069	6.78

See footnotes at end of table.

Table 10. Electricity Consumption and Expenditure Intensities, 1995 (Continued)

Building Characteristics	Electricity Consumption						Electricity Expenditures			RSE Row Factor
	per Building (thousand kWh)	per Square Foot (kWh)	per Worker (thousand kWh)	Distribution of Building-Level Intensities (kWh/square foot)			per Building (thousand dollars)	per Square Foot (dollars)	per kWh (dollars)	
	1.4	1.1	1.3	25th Percentile	Median	75th Percentile	1.2	0.9	0.5	
RSE Column Factor:										
Workers (main shift)										
Fewer than 5	42	7.8	20.9	2.1	5.3	12.2	3.7	0.69	0.089	5.83
5 to 9	82	10.5	12.7	4.9	8.5	17.2	6.9	0.87	0.083	7.44
10 to 19	137	12.1	11.0	3.9	9.5	20.0	10.7	0.95	0.078	8.65
20 to 49	312	13.6	10.8	5.8	12.9	22.2	23.9	1.04	0.077	6.10
50 to 99	662	13.2	10.2	4.6	10.6	19.9	48.1	0.96	0.073	7.45
100 to 249	1,382	16.4	10.0	6.8	15.1	24.6	94.3	1.12	0.068	5.69
250 or More	4,784	21.7	7.1	5.9	16.4	26.8	307.6	1.40	0.064	10.33
Weekly Operating Hours										
39 or Fewer	24	3.6	3.1	0.7	2.7	5.8	2.3	0.35	0.096	11.01
40 to 48	94	9.0	7.1	3.6	6.8	12.9	7.5	0.72	0.080	5.54
49 to 60	153	12.0	8.2	3.3	6.9	15.3	11.5	0.90	0.075	9.03
61 to 84	225	12.7	9.7	4.6	10.2	18.2	17.3	0.98	0.077	6.21
85 to 167	313	20.7	18.3	11.9	31.4	55.6	23.6	1.56	0.075	6.65
Open Continuously	541	21.3	13.9	5.0	12.7	31.5	36.0	1.42	0.066	5.93
Ownership and Occupancy										
Nongovernment Owned	155	13.1	9.8	3.1	7.2	16.2	11.8	0.99	0.076	3.41
Owner Occupied	154	13.4	10.1	3.0	6.9	15.9	11.4	0.99	0.074	3.79
Nonowner Occupied	176	12.4	8.8	4.1	9.8	18.2	14.6	1.03	0.083	6.63
Unoccupied	21	2.8	Q	0.2	0.6	7.7	2.3	0.30	0.106	29.15
Government Owned	325	14.6	10.7	3.9	7.7	17.2	22.1	1.00	0.068	10.24
Space in Building Vacant for at Least Three Consecutive Months										
Yes	270	11.9	8.0	1.9	5.1	10.8	19.7	0.87	0.073	5.94
No	160	13.9	10.8	3.4	7.6	17.1	11.9	1.03	0.074	3.78
Energy Sources (more than one may apply)										
Electricity	176	13.4	10.0	3.2	7.2	16.2	13.0	0.99	0.074	3.41
Natural Gas	202	13.1	10.0	3.5	7.4	16.0	15.1	0.98	0.075	3.91
Fuel Oil	384	15.9	10.0	2.9	5.0	11.4	26.6	1.10	0.069	6.31
District Heat	972	18.9	10.3	7.4	10.2	24.3	63.3	1.23	0.065	13.88
District Chilled Water	1,042	21.9	12.4	7.7	10.2	26.8	63.3	1.33	0.061	14.70
Propane	111	12.3	8.5	2.9	5.9	12.7	9.0	1.00	0.081	11.07
Other	118	10.9	9.4	1.8	5.1	10.5	9.1	0.84	0.077	14.47
Energy End Uses (more than one may apply)										
Buildings with Space Heating	186	13.8	10.0	3.6	7.7	16.4	13.7	1.01	0.074	3.50
Buildings with Cooling	215	14.6	10.2	4.4	9.0	18.9	15.8	1.07	0.073	3.70
Buildings with Water Heating	211	14.2	10.1	3.9	8.7	18.5	15.5	1.05	0.074	3.58
Buildings with Cooking	441	17.7	11.5	5.1	13.5	35.3	31.2	1.25	0.071	5.43
Buildings with Manufacturing	225	11.8	9.3	2.6	6.3	10.5	15.9	0.84	0.071	13.77
Buildings with Electricity Generation	1,022	18.9	11.0	4.3	12.2	23.1	68.7	1.27	0.067	6.00
Space-Heating Energy Source										
Electricity	244	16.2	10.5	5.0	10.9	21.7	17.1	1.13	0.070	5.05
Electricity Main	236	17.6	11.5	5.8	12.9	23.5	16.2	1.21	0.069	6.61
Electricity Secondary	263	14.0	9.0	3.6	7.0	16.2	19.1	1.01	0.073	8.17
Other Excluding Electricity	153	12.1	9.5	3.0	6.7	14.0	11.7	0.93	0.077	3.92
Buildings without Space Heating	56	6.4	10.4	0.5	1.8	6.9	5.2	0.60	0.094	15.09
Primary Space-Heating Energy Source										
Electricity	236	17.6	11.5	5.8	12.9	23.5	16.2	1.21	0.069	6.61
Natural Gas	167	12.2	9.6	3.4	7.3	15.7	12.7	0.93	0.076	3.79
Fuel Oil	63	6.5	6.8	2.2	4.1	6.8	6.6	0.68	0.104	7.60
District Heat	941	19.1	10.2	7.4	10.2	24.6	61.3	1.25	0.065	11.12
Propane	74	12.4	Q	2.2	5.7	15.1	6.7	1.13	0.091	23.46
Other	60	6.9	10.3	1.5	1.8	9.9	4.5	0.52	0.076	21.24

See footnotes at end of table.

Table 10. Electricity Consumption and Expenditure Intensities, 1995 (Continued)

Building Characteristics	Electricity Consumption						Electricity Expenditures			RSE Row Factor
	per Building (thousand kWh)	per Square Foot (kWh)	per Worker (thousand kWh)	Distribution of Building-Level Intensities (kWh/square foot)			per Building (thousand dollars)	per Square Foot (dollars)	per kWh (dollars)	
	1.4	1.1	1.3	25th Percentile	Median	75th Percentile	1.2	0.9	0.5	
RSE Column Factor:										
Cooling Energy Source										
Electricity	209	14.4	10.1	4.3	8.9	18.6	15.4	1.06	0.074	3.70
Other Excluding Electricity	452	18.7	11.7	7.0	12.3	43.1	28.7	1.19	0.064	17.15
Buildings without Cooling	41	5.4	7.1	1.2	2.7	5.6	3.5	0.47	0.087	10.75
Water-Heating Energy Source										
Electricity	198	14.5	9.9	4.1	9.3	19.9	14.3	1.05	0.072	5.62
Other Excluding Electricity	222	14.1	10.3	3.8	8.3	16.7	16.6	1.05	0.075	3.92
Buildings without Water Heating	38	5.8	8.2	1.4	3.4	8.1	3.2	0.49	0.084	8.73
Cooking Energy Source										
Electricity	500	19.9	12.9	5.6	15.7	43.7	33.6	1.33	0.067	6.67
Other Excluding Electricity	357	14.5	9.4	4.5	10.9	22.3	27.9	1.13	0.078	7.29
Buildings without Cooking	114	11.0	8.9	2.9	6.5	14.0	8.8	0.84	0.077	3.80
Percent of Floorspace Heated										
Not Heated	56	6.4	10.4	0.5	1.8	6.9	5.2	0.60	0.094	15.09
1 to 50	78	6.9	10.0	2.0	4.7	9.3	6.4	0.56	0.082	7.89
51 to 99	205	14.6	11.2	3.9	7.3	15.2	15.5	1.10	0.076	10.39
100	203	14.7	9.7	3.9	8.8	18.6	14.7	1.06	0.073	3.51
Percent of Floorspace Cooled										
Not Cooled	41	5.4	7.1	1.2	2.7	5.6	3.5	0.47	0.087	10.75
1 to 50	113	7.0	8.6	2.7	5.2	10.8	9.3	0.58	0.082	5.27
51 to 99	335	17.0	11.1	5.2	9.8	20.3	23.9	1.21	0.071	7.08
100	224	18.2	10.3	5.8	11.9	23.5	16.2	1.31	0.072	4.42
Percent Lit when Open										
Zero	Q	Q	Q	0.7	1.9	2.4	Q	Q	Q	99.99
1 to 50	55	6.1	13.7	1.8	4.9	9.5	4.9	0.54	0.090	10.28
51 to 99	162	12.4	10.0	4.0	7.5	16.2	12.5	0.96	0.077	6.31
100	215	14.9	9.8	3.8	8.5	18.5	15.6	1.08	0.072	4.13
Building Not in Use/ Electricity Not Used	Q	Q	Q	0.1	0.3	3.4	1.8	0.22	0.096	35.29
Percent Lit when Closed										
Zero	61	7.6	7.8	2.1	4.7	10.4	5.0	0.62	0.082	5.95
1 to 50	187	12.8	8.8	4.6	9.8	19.8	14.4	0.99	0.077	4.32
51 to 100	474	21.6	16.0	6.1	8.8	21.9	31.2	1.42	0.066	24.95
Never Closed	541	21.3	13.9	5.0	12.7	31.5	36.0	1.42	0.066	5.94
Building Not in Use/ Electricity Not Used	Q	Q	Q	0.1	0.3	3.4	1.8	0.22	0.096	35.29
Annual Consumption (kilowatthours)										
10,000 or Less	5	1.3	1.8	0.6	1.8	3.3	0.6	0.16	0.116	6.98
10,001 to 50,000	26	4.3	4.4	3.2	6.1	10.8	2.6	0.44	0.102	4.02
50,001 to 100,000	71	7.6	6.2	5.8	11.6	20.5	6.7	0.72	0.094	4.42
100,001 to 500,000	214	13.1	10.5	10.2	18.4	47.0	17.6	1.07	0.082	3.72
500,001 to 1,000,000	699	15.4	11.9	12.3	22.1	46.8	51.1	1.12	0.073	4.15
1,000,001 to 5,000,000	2,033	19.6	13.0	16.5	24.7	36.7	135.0	1.30	0.066	3.31
Over 5,000,000	11,212	27.4	12.3	20.3	30.2	48.4	690.4	1.69	0.062	6.91

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.