

Energy Consumption & Expenditures

Expenditures per Energy Unit and Intensity by: Census Region (11 pages, 75 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 6. Expenditures by Census Region for Sum of Major Fuels, 1995

Building Characteristics	Sum of Major Fuel Expenditures (million dollars)				Sum of Major Fuel Expenditures (dollars)								RSE Row Factor
					per Million Btu				per Square Foot				
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West	
	1.4	1.3	1.1	1.6	0.9	0.7	0.6	0.8	1.0	0.9	0.8	1.3	
All Buildings	16,479	15,076	22,211	16,152	15.92	10.07	13.19	14.61	1.39	1.05	1.07	1.38	6.09
Building Floorspace (square feet)													
1,001 to 5,000	2,574	2,339	4,004	2,660	20.55	12.38	15.95	18.62	2.59	1.32	1.65	2.33	10.49
5,001 to 10,000	1,489	1,422	2,487	2,664	18.27	8.82	13.47	Q	1.22	0.85	0.89	1.45	16.32
10,001 to 25,000	2,297	2,570	3,954	2,278	16.43	11.03	12.55	16.71	1.08	0.95	0.88	0.98	13.73
25,001 to 50,000	1,934	1,770	2,568	2,404	15.70	10.46	13.62	16.16	1.40	1.03	0.96	1.26	9.60
50,001 to 100,000	1,751	2,096	2,820	2,158	15.44	10.54	13.22	12.49	1.28	1.09	0.95	1.27	10.31
100,001 to 200,000	1,889	1,777	2,922	1,270	14.12	8.68	11.52	13.40	1.37	0.94	1.20	1.18	13.43
200,001 to 500,000	1,936	1,543	2,061	1,751	12.53	8.61	13.23	11.91	1.39	1.02	1.23	1.81	14.03
Over 500,000	2,609	1,559	1,395	966	15.92	9.63	11.46	14.48	1.29	1.41	1.01	1.22	19.16
Principal Building Activity													
Education	2,106	1,503	1,845	1,675	13.09	8.67	12.66	12.52	1.09	0.75	0.80	1.12	11.01
Food Sales	Q	Q	967	733	Q	Q	17.17	23.23	Q	Q	3.37	3.52	13.03
Food Service	Q	990	1,682	1,031	Q	12.08	12.67	14.98	Q	2.09	3.80	3.80	22.74
Health Care	1,061	1,010	1,916	1,274	9.35	7.03	9.90	11.57	2.60	2.17	2.09	2.34	13.72
Lodging	821	1,202	1,652	1,440	13.18	8.82	11.25	12.48	2.35	1.32	1.26	1.38	15.38
Mercantile and Service	3,206	3,458	4,847	2,513	18.52	10.72	13.68	20.45	1.13	1.08	1.00	1.38	12.73
Office	3,691	3,202	4,676	4,279	19.61	12.26	15.37	16.15	1.71	1.37	1.34	1.71	9.25
Public Assembly	1,084	1,068	1,625	1,211	14.43	9.85	13.78	Q	1.56	1.12	1.19	1.30	20.30
Public Order and Safety	670	272	298	Q	13.21	9.12	11.85	Q	1.22	0.91	0.97	Q	26.12
Religious Worship	303	268	387	379	16.07	8.11	16.03	13.40	0.69	0.42	0.39	0.53	17.64
Warehouse and Storage	1,289	1,054	1,492	874	18.93	10.06	13.17	22.79	0.87	0.52	0.43	0.57	15.15
Other	Q	575	620	Q	Q	9.81	10.84	Q	Q	1.43	2.14	Q	27.99
Vacant	87	Q	203	168	12.80	Q	16.77	15.39	Q	0.34	0.25	0.40	33.15
Year Constructed													
1919 or Before	1,090	1,351	454	415	13.87	10.02	14.22	8.97	0.89	0.88	0.88	1.03	20.38
1920 to 1945	1,620	1,932	1,351	762	12.56	9.60	12.19	11.34	0.90	0.83	0.79	0.85	16.63
1946 to 1959	2,928	2,279	2,482	2,124	15.25	8.54	12.63	12.42	1.51	1.00	0.78	1.12	13.32
1960 to 1969	3,157	2,388	4,002	3,588	15.88	9.01	11.91	16.00	1.35	1.01	1.04	1.56	10.70
1970 to 1979	2,870	2,775	5,300	4,421	15.18	10.41	12.93	17.03	1.73	1.14	1.22	1.53	9.84
1980 to 1989	3,339	3,214	5,949	3,393	21.32	12.15	14.99	14.07	1.57	1.38	1.11	1.40	12.50
1990 to 1992	721	679	1,695	916	14.04	12.78	13.10	14.55	1.63	1.25	1.55	1.80	19.62
1993 to 1995	753	458	978	533	18.83	10.23	13.58	16.13	2.17	0.83	1.30	1.30	21.63
Floors													
One	4,423	5,116	10,933	6,627	19.76	11.11	14.45	16.37	1.33	0.97	0.99	1.35	10.04
Two	3,665	3,312	4,560	3,873	17.38	10.52	12.57	16.61	1.34	0.94	0.95	1.27	9.65
Three	2,524	2,232	1,678	1,593	15.00	9.28	12.54	12.06	1.20	0.97	1.02	1.24	13.22
Four to Nine	3,499	3,378	3,292	3,076	12.31	8.87	10.92	11.72	1.49	1.37	1.52	1.69	12.42
Ten or More	2,367	1,038	1,749	984	15.98	10.35	13.55	13.44	1.74	1.44	1.44	1.44	15.16
Climate Zone: 45-Year Average													
Fewer than 2,000 CDD and --													
More than 7,000 HDD	1,431	3,147	Q	396	16.42	8.81	Q	7.31	1.31	0.87	Q	Q	11.91
5,500-7,000 HDD	7,234	8,418	Q	2,170	15.32	10.08	Q	7.63	1.46	1.11	Q	1.07	10.46
4,000-5,499 HDD	7,814	3,510	5,272	2,187	16.42	11.53	12.13	11.40	1.34	1.13	1.21	1.17	11.67
Fewer than 4,000 HDD	Q	Q	8,061	8,762	Q	Q	12.70	19.76	Q	Q	1.04	1.53	7.65
More than 2,000 CDD and --													
Fewer than 4,000 HDD	Q	Q	8,879	2,637	Q	Q	14.45	19.98	Q	Q	1.02	1.53	12.00
Workers (main shift)													
Fewer than 5	2,291	2,327	3,733	2,608	17.89	11.41	15.04	12.46	0.94	0.65	0.70	1.03	14.03
5 to 9	1,100	1,901	2,099	1,839	17.96	9.17	15.25	17.99	1.04	1.08	1.01	1.33	14.89
10 to 19	1,914	1,575	3,089	1,831	17.56	10.65	12.25	17.45	1.45	1.04	1.14	1.16	16.03
20 to 49	2,913	2,541	3,756	2,571	16.05	10.29	13.15	16.64	1.61	1.06	1.17	1.49	10.92
50 to 99	1,605	1,741	2,855	1,938	15.87	9.92	13.67	13.42	1.27	1.16	1.04	1.36	12.09
100 to 249	2,112	1,850	2,174	1,970	15.25	9.61	11.96	14.50	1.48	1.17	1.24	1.61	11.33
250 or More	4,543	3,141	4,504	3,395	14.38	9.74	12.19	13.34	1.76	1.58	1.50	1.81	12.09

See footnotes at end of table.

Table 6. Expenditures by Census Region for Sum of Major Fuels, 1995 (Continued)

Building Characteristics	Sum of Major Fuel Expenditures (million dollars)				Sum of Major Fuel Expenditures (dollars)								RSE Row Factor
					per Million Btu				per Square Foot				
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West	
	1.4	1.3	1.1	1.6	0.9	0.7	0.6	0.8	1.0	0.9	0.8	1.3	
Weekly Operating Hours													
39 or Fewer	547	538	822	493	14.81	9.59	14.92	15.56	0.49	0.34	0.36	0.45	17.38
40 to 48	2,292	2,683	4,028	2,828	16.96	9.56	14.10	15.94	1.06	0.76	0.82	1.07	11.19
49 to 60	2,868	2,418	4,153	3,727	17.11	9.85	13.95	16.48	1.16	1.02	0.87	1.44	11.03
61 to 84	2,600	2,797	3,700	2,601	16.44	11.07	15.34	18.04	1.23	1.07	1.13	1.28	10.52
85 to 167	2,984	2,385	3,316	2,908	18.49	12.00	14.24	12.22	2.11	1.46	1.84	2.15	16.90
Open Continuously	5,188	4,254	6,193	3,595	13.79	9.19	10.84	12.47	2.00	1.66	1.66	1.79	10.77
Ownership and Occupancy													
Nongovernment Owned	12,495	11,686	17,905	12,396	16.86	10.59	13.69	15.56	1.40	1.02	1.05	1.34	6.30
Owner Occupied	10,177	9,842	14,486	8,617	16.34	10.40	13.22	13.85	1.46	1.05	1.14	1.32	7.18
Nonowner Occupied	2,286	1,754	3,353	3,739	19.66	11.85	16.01	21.57	1.41	1.07	0.87	1.44	10.31
Unoccupied	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Government Owned	3,984	3,389	4,306	3,755	13.54	8.63	11.46	12.15	1.36	1.17	1.14	1.53	12.75
Federal	Q	Q	880	801	Q	10.16	10.54	11.69	1.47	1.87	1.95	Q	28.98
State	1,293	1,090	1,064	1,352	12.07	8.81	9.95	13.51	1.71	1.31	1.44	2.61	23.34
Local	2,104	1,540	2,362	1,603	14.24	7.92	12.74	11.41	1.18	0.92	0.91	1.11	13.52
Space in Building Vacant for at Least Three Consecutive Months													
Yes	3,586	3,109	4,999	3,499	16.71	10.12	13.24	15.89	1.09	0.84	0.88	1.09	10.52
No	12,893	11,967	17,212	12,653	15.71	10.06	13.18	14.29	1.50	1.13	1.13	1.49	6.94
Energy Sources (more than one may apply)													
Electricity	16,455	15,060	22,210	16,151	15.96	10.10	13.19	14.61	1.44	1.08	1.10	1.39	5.64
Natural Gas	10,166	12,267	14,349	11,229	14.89	9.65	11.89	14.57	1.43	1.12	1.17	1.43	6.77
Fuel Oil	7,006	3,547	6,281	3,360	13.24	9.09	11.41	12.81	1.29	1.32	1.50	1.57	8.91
District Heat	3,695	2,912	2,055	1,922	13.19	9.10	9.40	8.25	2.09	1.53	1.98	Q	23.13
District Chilled Water	755	1,436	1,714	1,169	10.32	8.78	10.69	Q	2.60	1.85	1.86	2.20	24.21
Propane	2,560	1,050	1,875	668	19.87	12.54	13.24	17.65	1.52	0.96	0.93	1.21	16.13
Other	844	666	453	Q	14.88	10.34	13.84	Q	1.16	1.09	0.69	Q	22.24
Energy End Uses (more than one may apply)													
Buildings with Space Heating	16,354	14,975	21,721	15,035	15.85	10.05	13.11	14.06	1.46	1.11	1.15	1.40	6.17
Buildings with Cooling	14,913	13,894	21,751	14,543	16.25	10.14	13.20	14.73	1.57	1.15	1.17	1.49	6.44
Buildings with Water Heating	16,033	14,450	20,598	15,385	15.91	10.04	13.06	14.42	1.49	1.15	1.18	1.43	6.20
Buildings with Cooking	7,787	6,553	10,417	6,854	15.21	9.70	12.96	13.32	1.68	1.37	1.45	1.66	8.14
Buildings with Manufacturing	924	1,365	1,279	461	15.74	10.48	13.96	17.44	1.35	1.29	0.88	0.66	19.61
Buildings with Electricity Generation	6,178	4,153	6,453	4,045	14.43	9.40	11.93	13.74	1.59	1.52	1.48	1.69	9.55
Space-Heating Energy Sources (more than one may apply)													
Electricity	5,195	4,746	11,733	6,662	18.89	11.36	14.35	16.74	1.69	1.17	1.18	1.32	7.99
Natural Gas	7,162	10,471	10,832	9,400	15.68	9.58	12.04	14.54	1.42	1.07	1.10	1.37	7.52
Fuel Oil	4,239	1,312	2,290	202	13.09	7.72	11.04	9.80	1.10	1.29	1.49	1.05	16.27
District Heat	3,683	2,912	1,984	1,912	13.30	9.10	9.59	8.22	2.09	1.53	1.97	2.05	18.47
Propane	1,323	265	749	Q	26.21	15.30	13.55	18.97	2.45	0.66	0.78	0.92	19.54
Other	Q	278	170	Q	Q	10.75	16.76	Q	Q	1.15	0.60	Q	25.53
Primary Space-Heating Energy Source													
Electricity	1,968	1,904	8,841	4,612	22.13	15.10	15.97	19.47	1.79	1.23	1.19	1.34	10.89
Natural Gas	6,632	9,792	9,511	8,336	15.82	9.57	11.78	14.16	1.41	1.05	1.09	1.37	7.88
Fuel Oil	2,995	Q	734	Q	13.35	Q	12.28	Q	0.99	Q	0.91	Q	14.53
District Heat	3,365	2,842	1,932	1,848	13.44	9.23	10.03	8.17	2.10	1.55	2.04	2.04	18.74
Propane	1,111	150	438	Q	29.78	19.97	19.48	Q	2.55	0.48	0.61	Q	18.54
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99

See footnotes at end of table.

Table 6. Expenditures by Census Region for Sum of Major Fuels, 1995 (Continued)

Building Characteristics	Sum of Major Fuel Expenditures (million dollars)				Sum of Major Fuel Expenditures (dollars)								RSE Row Factor
					per Million Btu				per Square Foot				
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West	
	1.4	1.3	1.1	1.6	0.9	0.7	0.6	0.8	1.0	0.9	0.8	1.3	
Cooling Energy Sources (more than one may apply)													
Electricity	14,084	12,840	21,083	13,373	16.65	10.23	13.32	15.77	1.57	1.12	1.16	1.45	6.07
Natural Gas	734	Q	Q	594	10.15	9.14	Q	13.63	1.90	1.91	Q	1.82	25.21
District Chilled Water	755	1,436	1,714	1,169	10.32	8.78	10.69	Q	2.60	1.85	1.86	2.20	24.21
Water-Heating Energy Sources (more than one may apply)													
Electricity	6,138	4,831	10,229	5,641	19.28	12.31	15.50	19.68	1.31	1.07	1.05	1.38	7.95
Natural Gas	6,027	8,575	9,686	8,395	14.61	9.34	11.52	14.04	1.57	1.18	1.25	1.40	7.83
Fuel Oil	1,760	Q	394	Q	11.95	Q	11.21	Q	1.06	Q	1.28	Q	16.24
District Heat	2,708	1,883	1,344	1,609	13.14	8.91	9.50	7.93	2.15	1.48	2.08	2.08	21.59
Propane	Q	Q	263	233	Q	17.44	17.20	24.66	Q	1.35	0.94	1.22	24.61
Cooking Energy Sources (more than one may apply)													
Electricity	4,158	4,546	6,497	4,113	16.12	9.89	13.49	13.87	1.71	1.51	1.51	1.66	10.97
Natural Gas	4,876	4,480	6,401	4,424	14.78	9.37	11.76	12.78	1.67	1.28	1.54	1.70	8.94
Propane	1,266	Q	695	Q	22.76	Q	15.73	Q	2.04	Q	1.17	Q	21.93
Percent of Floorspace Heated													
Not Heated	Q	100	490	1,117	Q	Q	18.47	30.50	Q	0.12	0.25	1.14	22.82
1 to 50	849	584	1,421	1,170	18.53	10.32	15.84	21.14	0.83	0.50	0.60	0.71	14.88
51 to 99	3,656	1,356	3,812	2,900	17.91	10.56	13.04	16.13	1.46	0.92	1.33	1.43	12.27
100	11,849	13,035	16,488	10,965	15.16	9.99	12.93	13.15	1.55	1.20	1.21	1.55	6.66
Percent of Floorspace Cooled													
Not Cooled	1,566	1,182	461	1,609	13.33	9.33	12.64	13.61	0.66	0.52	0.21	0.82	15.45
1 to 50	3,981	3,166	2,746	2,026	14.34	8.44	11.45	13.42	1.05	0.72	0.64	0.80	12.26
51 to 99	5,310	3,918	5,772	3,401	15.77	10.44	13.81	14.77	1.73	1.29	1.35	1.56	9.10
100	5,623	6,810	13,233	9,116	18.52	10.99	13.37	15.04	2.10	1.49	1.32	1.80	8.61
Percent Lit when Open													
Zero	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
1 to 50	1,222	970	1,079	982	16.46	10.03	13.62	17.04	1.08	0.61	0.50	0.89	17.51
51 to 99	3,157	2,483	3,443	2,599	14.49	9.76	14.21	15.37	1.31	1.10	1.14	1.29	11.75
100	11,986	11,563	17,624	12,538	16.33	10.19	12.97	14.31	1.54	1.17	1.21	1.52	7.19
Building Not in Use/ Electricity Not Used	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Percent Lit when Closed													
Zero	2,133	2,166	3,392	2,672	16.81	10.09	14.45	15.17	0.89	0.64	0.72	1.02	12.14
1 to 50	8,329	8,327	11,526	8,841	17.18	10.66	14.34	15.53	1.42	1.10	1.07	1.37	8.03
51 to 100	733	271	1,049	1,023	18.17	10.15	14.71	14.73	1.34	1.38	1.27	2.97	24.43
Never Closed	5,176	4,254	6,193	3,584	13.83	9.19	10.84	12.45	2.04	1.68	1.71	1.81	10.19
Building Not in Use/ Electricity Not Used	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Energy Conservation Features (more than one may apply)													
Any Conservation Features	16,354	14,926	21,770	15,677	15.88	10.05	13.14	14.41	1.47	1.09	1.14	1.39	6.17
Building Shell	15,686	14,617	21,345	15,261	15.94	10.03	13.11	14.31	1.50	1.11	1.14	1.41	6.26
HVAC	15,083	13,221	18,099	13,441	15.86	10.00	12.99	14.09	1.53	1.23	1.21	1.47	6.44
Lighting	13,784	11,424	15,221	11,999	16.20	9.95	12.59	14.94	1.55	1.20	1.26	1.49	6.20

NF = No applicable RSE row factor.

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. • HVAC = Heating, Ventilation, and Air Conditioning. • 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 12. Electricity Expenditures by Census Region, 1995

Building Characteristics	Total Electricity Expenditures (million dollars)				Electricity Expenditures (dollars)								RSE Row Factor
					per kWh				per Square Foot				
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West	
	1.7	1.6	1.3	1.9	0.4	0.6	0.4	0.7	1.2	1.1	0.9	1.5	
RSE Column Factor:	1.7	1.6	1.3	1.9	0.4	0.6	0.4	0.7	1.2	1.1	0.9	1.5	
All Buildings	13,059	10,946	19,009	13,607	0.10	0.07	0.06	0.08	1.14	0.79	0.94	1.17	5.10
Building Floorspace (square feet)													
1,001 to 5,000	2,206	1,758	3,514	2,218	0.11	0.08	0.07	0.10	2.38	1.07	1.53	2.01	9.66
5,001 to 10,000	1,102	877	2,038	2,038	0.12	0.08	0.07	0.10	0.98	0.54	0.81	1.14	11.23
10,001 to 25,000	1,789	1,931	3,233	1,959	0.11	0.07	0.07	0.09	0.85	0.73	0.76	0.85	10.23
25,001 to 50,000	1,434	1,265	2,208	2,098	0.11	0.07	0.06	0.08	1.04	0.74	0.84	1.11	8.95
50,001 to 100,000	1,354	1,564	2,446	1,830	0.10	0.06	0.06	0.07	1.00	0.83	0.83	1.08	8.87
100,001 to 200,000	1,521	1,214	2,485	1,064	0.09	0.06	0.05	0.07	1.17	0.67	1.03	1.00	10.81
200,001 to 500,000	1,473	1,102	1,831	1,502	0.09	0.06	0.06	0.06	1.06	0.73	1.09	1.56	14.24
Over 500,000	2,180	1,235	1,255	898	0.09	0.06	0.05	0.07	1.17	1.19	0.91	1.14	11.29
Principal Building Activity													
Education	1,453	944	1,524	1,247	0.11	0.07	0.07	0.08	0.75	0.49	0.66	0.83	8.49
Food Sales	Q	Q	943	713	Q	Q	0.06	0.09	Q	Q	3.29	3.42	11.41
Food Service	Q	784	1,365	797	Q	0.07	0.07	0.09	Q	1.66	3.08	2.94	16.79
Health Care	725	692	1,471	1,014	0.08	0.05	0.05	0.08	1.78	1.49	1.61	1.87	10.20
Lodging	625	775	1,322	1,116	0.09	0.06	0.06	0.08	1.88	0.85	1.01	1.07	11.48
Mercantile and Service	2,599	2,559	4,176	2,321	0.11	0.07	0.06	0.09	0.93	0.80	0.87	1.28	9.08
Office	3,150	2,621	4,286	3,962	0.10	0.07	0.06	0.07	1.47	1.12	1.23	1.58	8.19
Public Assembly	799	737	1,381	687	0.09	0.07	0.07	0.07	1.16	0.78	1.01	0.74	15.77
Public Order and Safety	456	160	241	Q	0.11	0.07	0.06	Q	0.83	0.53	0.78	Q	18.43
Religious Worship	212	133	326	283	0.16	0.10	0.09	0.09	0.48	0.21	0.32	0.40	12.56
Warehouse and Storage	1,109	749	1,248	828	0.10	0.06	0.06	0.09	0.76	0.39	0.40	0.56	12.35
Other	Q	421	552	Q	Q	0.06	0.06	Q	Q	1.05	1.94	Q	17.52
Vacant	Q	112	175	137	Q	0.09	0.08	0.10	Q	0.40	0.38	0.41	24.22
Year Constructed													
1919 or Before	734	936	348	271	0.11	0.07	0.08	0.06	0.63	0.64	0.69	0.67	18.14
1920 to 1945	1,120	1,290	1,082	520	0.11	0.08	0.06	0.08	0.72	0.61	0.66	0.59	12.64
1946 to 1959	2,216	1,494	2,000	1,685	0.11	0.07	0.07	0.08	1.14	0.67	0.65	0.90	11.11
1960 to 1969	2,477	1,510	3,320	3,098	0.10	0.07	0.06	0.08	1.09	0.64	0.89	1.35	9.10
1970 to 1979	2,318	2,116	4,590	3,981	0.10	0.06	0.06	0.08	1.41	0.88	1.06	1.38	8.44
1980 to 1989	2,977	2,702	5,377	2,788	0.10	0.07	0.06	0.08	1.42	1.19	1.04	1.18	9.12
1990 to 1992	554	549	1,422	793	0.09	0.07	0.06	0.07	1.28	1.01	1.32	1.62	14.18
1993 to 1995	Q	347	870	471	0.10	0.06	0.06	0.08	1.91	0.68	1.32	1.20	16.94
Climate Zone: 45-Year Average													
Fewer than 2,000 CDD and --													
More than 7,000 HDD	1,198	2,154	Q	248	0.11	0.06	Q	0.05	1.12	0.62	Q	Q	9.38
5,500-7,000 HDD	5,662	6,022	Q	1,439	0.10	0.07	Q	0.05	1.16	0.81	Q	0.72	8.84
4,000-5,499 HDD	6,199	2,771	4,247	1,840	0.10	0.06	0.07	0.05	1.13	0.93	1.00	1.00	9.82
Fewer than 4,000 HDD	Q	Q	6,802	7,677	Q	Q	0.06	0.10	Q	Q	0.89	1.37	6.92
More than 2,000 CDD and --													
Fewer than 4,000 HDD	Q	Q	7,960	2,403	Q	Q	0.06	0.09	Q	Q	0.97	1.40	9.42
Workers (main shift)													
Fewer than 5	1,834	1,644	3,147	1,885	0.12	0.09	0.07	0.10	0.90	0.51	0.67	0.79	10.33
5 to 9	861	1,221	1,820	1,576	0.12	0.08	0.07	0.10	0.81	0.70	0.87	1.14	11.12
10 to 19	1,448	1,115	2,558	1,590	0.12	0.07	0.06	0.09	1.10	0.74	0.95	1.01	12.02
20 to 49	2,294	1,871	3,093	2,222	0.10	0.07	0.06	0.09	1.29	0.78	0.96	1.29	9.46
50 to 99	1,258	1,276	2,487	1,574	0.11	0.06	0.07	0.07	1.00	0.89	0.91	1.10	10.38
100 to 249	1,699	1,362	1,890	1,717	0.10	0.06	0.05	0.07	1.19	0.86	1.08	1.42	10.80
250 or More	3,665	2,457	4,013	3,043	0.09	0.06	0.06	0.06	1.43	1.24	1.34	1.62	9.88

See footnotes at end of table.

Table 12. Electricity Expenditures by Census Region, 1995 (Continued)

Building Characteristics	Total Electricity Expenditures (million dollars)				Electricity Expenditures (dollars)								RSE Row Factor
					per kWh				per Square Foot				
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West	
	1.7	1.6	1.3	1.9	0.4	0.6	0.4	0.7	1.2	1.1	0.9	1.5	
RSE Column Factor:	1.7	1.6	1.3	1.9	0.4	0.6	0.4	0.7	1.2	1.1	0.9	1.5	
Weekly Operating Hours													
39 or Fewer	362	328	658	380	0.12	0.09	0.09	0.11	0.46	0.25	0.36	0.37	14.17
40 to 48	1,774	1,810	3,453	2,398	0.11	0.07	0.07	0.09	0.82	0.52	0.71	0.91	8.57
49 to 60	2,281	1,636	3,563	3,432	0.11	0.07	0.07	0.07	0.93	0.70	0.75	1.32	10.53
61 to 84	2,027	2,096	3,383	2,301	0.11	0.07	0.06	0.09	0.96	0.80	1.03	1.14	8.07
85 to 167	2,525	1,916	2,957	2,211	0.11	0.07	0.06	0.08	1.79	1.18	1.65	1.65	12.40
Open Continuously	4,091	3,160	4,994	2,886	0.09	0.06	0.06	0.08	1.61	1.24	1.38	1.45	8.35
Ownership and Occupancy													
Nongovernment Owned	10,073	8,729	15,489	10,535	0.10	0.07	0.06	0.08	1.17	0.79	0.94	1.15	5.23
Owner Occupied	8,135	7,305	12,382	7,055	0.10	0.07	0.06	0.08	1.18	0.79	0.99	1.09	5.64
Nonowner Occupied	1,919	1,364	3,045	3,440	0.11	0.07	0.07	0.10	1.18	0.84	0.82	1.34	9.32
Unoccupied	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Government Owned	2,987	2,217	3,520	3,072	0.09	0.06	0.06	0.06	1.05	0.78	0.94	1.26	11.76
Space in Building Vacant for at Least Three Consecutive Months													
Yes	2,912	2,349	4,393	3,061	0.10	0.07	0.06	0.08	0.99	0.69	0.85	0.98	7.85
No	10,147	8,597	14,615	10,546	0.10	0.07	0.06	0.08	1.19	0.82	0.98	1.24	5.72
Energy Sources (more than one may apply)													
Electricity	13,059	10,946	19,009	13,607	0.10	0.07	0.06	0.08	1.14	0.79	0.94	1.17	5.10
Natural Gas	7,660	8,726	11,559	9,376	0.10	0.07	0.06	0.08	1.08	0.81	0.94	1.20	6.29
Fuel Oil	5,206	2,639	5,204	2,801	0.10	0.06	0.06	0.07	0.97	0.99	1.25	1.31	8.15
District Heat	2,654	1,689	1,518	1,096	0.09	0.06	0.06	0.06	1.51	0.89	1.46	1.15	18.08
District Chilled Water	482	878	1,365	618	0.09	0.05	0.06	0.07	1.68	1.13	1.49	1.16	14.81
Propane	2,251	876	1,597	599	0.11	0.07	0.06	0.08	1.34	0.80	0.79	1.09	12.34
Other	662	491	382	343	0.11	0.06	0.06	0.08	0.92	0.88	0.62	1.01	17.38
Energy End Uses (more than one may apply)													
Buildings with Space Heating	12,934	10,861	18,533	12,516	0.10	0.07	0.06	0.08	1.17	0.81	0.98	1.17	5.22
Buildings with Cooling	11,968	10,238	18,669	12,325	0.10	0.07	0.06	0.08	1.26	0.86	1.00	1.26	5.41
Buildings with Water Heating	12,722	10,557	17,594	12,973	0.10	0.07	0.06	0.08	1.19	0.85	1.01	1.21	5.22
Buildings with Cooking	6,223	4,924	9,000	5,677	0.10	0.06	0.06	0.07	1.35	1.04	1.25	1.38	7.47
Buildings with Manufacturing	709	1,095	1,040	408	0.10	0.06	0.07	0.09	1.05	1.04	0.71	0.59	14.23
Buildings with Electricity Generation	4,859	3,049	5,534	3,470	0.09	0.06	0.06	0.07	1.26	1.11	1.27	1.45	7.44
Space-Heating Energy Source													
Electricity	4,558	3,900	10,538	6,061	0.10	0.06	0.06	0.07	1.48	0.96	1.06	1.20	7.52
Electricity Main	1,843	1,779	8,272	4,386	0.09	0.06	0.06	0.08	1.68	1.15	1.12	1.27	10.22
Electricity Secondary	2,715	2,121	2,267	1,675	0.10	0.06	0.06	0.07	1.37	0.85	0.88	1.05	10.05
Other Excluding Electricity	8,376	6,961	7,995	6,454	0.11	0.07	0.06	0.08	1.04	0.74	0.90	1.13	6.06
Buildings without Space Heating	Q	85	475	1,092	Q	0.08	0.07	0.11	Q	Q	0.36	1.29	21.68
Primary Space-Heating Energy Source													
Electricity	1,843	1,779	8,272	4,386	0.09	0.06	0.06	0.08	1.68	1.15	1.12	1.27	10.22
Natural Gas	5,122	7,066	7,595	6,885	0.10	0.07	0.06	0.08	1.10	0.77	0.87	1.13	6.48
Fuel Oil	2,160	Q	551	Q	0.12	Q	0.07	Q	0.73	Q	0.70	Q	10.83
District Heat	2,450	1,654	1,436	1,032	0.09	0.06	0.06	0.06	1.54	0.90	1.52	1.14	13.86
Propane	1,099	143	432	Q	0.11	0.08	0.07	Q	2.55	0.46	0.61	Q	18.65
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Cooling Energy Source													
Electricity	11,426	9,569	18,112	11,690	0.10	0.07	0.06	0.08	1.27	0.84	1.00	1.27	5.42
Other Excluding Electricity	542	Q	558	635	0.09	0.06	0.05	0.07	1.10	1.29	1.18	1.18	17.05
Buildings without Cooling	1,091	708	339	1,282	0.12	0.07	0.08	0.08	0.55	0.36	0.22	0.70	13.82

See footnotes at end of table.

Table 12. Electricity Expenditures by Census Region, 1995 (Continued)

Building Characteristics	Total Electricity Expenditures (million dollars)				Electricity Expenditures (dollars)								RSE Row Factor
					per kWh				per Square Foot				
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West	
	1.7	1.6	1.3	1.9	0.4	0.6	0.4	0.7	1.2	1.1	0.9	1.5	
RSE Column Factor:													
Water-Heating Energy Source													
Electricity	5,348	3,998	9,434	5,321	0.10	0.06	0.06	0.08	1.14	0.89	0.97	1.30	7.61
Other Excluding Electricity	7,374	6,559	8,160	7,652	0.10	0.07	0.06	0.08	1.23	0.83	1.05	1.15	6.11
Buildings without Water Heating	337	389	1,415	635	0.12	0.09	0.07	0.11	0.45	0.27	0.53	0.75	12.45
Cooking Energy Source													
Electricity	3,473	3,528	5,754	3,584	0.10	0.06	0.06	0.07	1.43	1.17	1.33	1.44	9.40
Other Excluding Electricity	2,750	1,397	3,246	2,094	0.10	0.07	0.06	0.09	1.26	0.82	1.13	1.29	9.58
Buildings without Cooking	6,836	6,022	10,009	7,930	0.10	0.07	0.07	0.08	1.00	0.66	0.77	1.06	5.92
Percent of Floorspace Heated													
Not Heated	Q	85	475	1,092	Q	0.08	0.07	0.11	Q	Q	0.36	1.29	21.68
1 to 50	704	398	1,281	1,073	0.11	0.08	0.07	0.09	0.71	0.34	0.55	0.65	12.36
51 to 99	2,943	977	3,231	2,608	0.10	0.07	0.06	0.07	1.18	0.66	1.13	1.28	12.27
100	9,287	9,486	14,021	8,834	0.10	0.07	0.06	0.08	1.22	0.88	1.03	1.25	5.10
Percent of Floorspace Cooled													
Not Cooled	1,091	708	339	1,282	0.12	0.07	0.08	0.08	0.55	0.36	0.22	0.70	13.82
1 to 50	2,943	1,935	2,152	1,612	0.11	0.07	0.07	0.08	0.78	0.45	0.50	0.64	8.36
51 to 99	4,189	3,004	4,978	3,025	0.10	0.06	0.06	0.07	1.37	0.99	1.17	1.39	8.38
100	4,836	5,300	11,540	7,688	0.10	0.07	0.06	0.08	1.82	1.16	1.15	1.52	6.44
Percent Lit when Open													
Zero	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
1 to 50	Q	638	875	793	0.11	0.08	0.07	0.10	0.86	0.40	0.40	0.72	12.98
51 to 99	2,428	1,774	2,954	2,190	0.10	0.07	0.07	0.08	1.00	0.79	0.98	1.09	10.10
100	9,588	8,516	15,124	10,598	0.10	0.07	0.06	0.08	1.23	0.86	1.04	1.29	5.65
Building Not in Use/ Electricity Not Used	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Percent Lit when Closed													
Zero	1,644	1,462	2,869	2,202	0.12	0.07	0.07	0.08	0.68	0.43	0.61	0.84	10.00
1 to 50	6,640	6,104	10,151	7,565	0.11	0.07	0.07	0.08	1.13	0.80	0.94	1.17	5.80
51 to 100	616	Q	954	941	0.10	Q	0.06	0.06	1.13	Q	1.15	2.73	21.26
Never Closed	4,091	3,160	4,994	2,875	0.09	0.06	0.06	0.08	1.61	1.24	1.38	1.45	8.36
Building Not in Use/ Electricity Not Used	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Annual Consumption (kilowatthours)													
10,000 or Less	97	123	172	82	0.15	0.11	0.11	0.11	0.19	0.14	0.17	0.13	12.12
10,001 to 50,000	861	1,042	1,367	993	0.14	0.09	0.09	0.11	0.51	0.37	0.41	0.54	8.20
50,001 to 100,000	1,063	855	1,813	1,226	0.13	0.09	0.08	0.10	0.81	0.61	0.73	0.74	10.41
100,001 to 500,000	3,702	2,837	5,234	4,116	0.11	0.07	0.07	0.09	1.31	0.78	0.96	1.42	7.07
500,001 to 1,000,000	1,413	1,210	2,400	1,382	0.10	0.07	0.06	0.08	1.27	0.92	1.12	1.23	10.45
1,000,001 to 5,000,000	2,802	2,818	4,329	3,288	0.09	0.06	0.06	0.07	1.27	1.12	1.28	1.58	7.78
Over 5,000,000	3,121	2,060	3,693	2,520	0.09	0.05	0.05	0.06	1.75	1.53	1.64	1.85	12.12

NF = No applicable RSE row factor.

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	
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	
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 29. Fuel Oil Expenditures by Census Region, 1995

Building Characteristics	Total Fuel Oil Expenditures (million dollars)				Fuel Oil Expenditures (dollars)								RSE Row Factor
					per Gallon				per Square Foot				
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West	
	1.2	2.3	2.0	2.0	0.3	0.4	0.3	0.5	0.8	2.1	1.7	2.1	
RSE Column Factor:													
All Buildings	818	84	240	34	0.68	0.73	0.74	0.71	0.15	0.03	0.06	0.02	15.62
Building Floorspace (square feet)													
1,001 to 10,000	260	Q	Q	Q	0.82	Q	0.88	Q	0.33	Q	0.21	Q	15.05
10,001 to 100,000	386	Q	83	Q	0.68	0.72	0.67	0.68	0.19	Q	0.07	Q	18.51
Over 100,000	172	17	42	Q	0.55	0.60	0.60	0.58	0.07	0.01	0.02	Q	17.00
Principal Building Activity													
Education	180	Q	51	Q	0.61	0.63	0.62	Q	0.14	Q	0.13	Q	19.12
Mercantile and Service	204	16	Q	Q	0.72	0.79	0.87	Q	0.17	Q	Q	Q	19.85
Office	93	Q	Q	Q	0.74	0.82	0.74	1.03	0.10	Q	0.03	Q	21.33
Public Assembly	Q	Q	15	Q	Q	Q	0.83	Q	Q	Q	0.05	Q	20.15
Warehouse and Storage	21	Q	Q	Q	0.65	Q	Q	Q	0.06	Q	Q	Q	26.49
All Others	266	28	74	Q	0.68	0.66	0.72	0.75	0.21	0.04	0.05	Q	15.48
Year Constructed													
1919 or Before	118	Q	Q	Q	0.68	Q	Q	Q	0.16	Q	Q	Q	20.97
1920 to 1945	149	Q	Q	Q	0.65	0.82	Q	Q	0.21	Q	Q	Q	13.75
1946 to 1959	218	10	61	Q	0.77	0.66	0.74	Q	0.24	Q	0.12	Q	19.12
1960 to 1969	173	Q	70	Q	0.67	0.68	0.71	0.52	0.16	Q	0.07	Q	22.02
1970 to 1979	77	Q	42	Q	0.61	0.70	0.75	0.80	0.11	0.02	0.05	Q	21.40
1980 to 1989	51	Q	Q	Q	0.63	0.73	0.81	1.03	0.06	Q	Q	Q	32.99
1990 to 1992	Q	Q	Q	Q	Q	Q	0.93	Q	Q	Q	Q	Q	9.48
1993 to 1995	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Climate Zone: 45-Year Average													
Fewer than 2,000 CDD and --													
More than 7,000 HDD	202	Q	Q	Q	0.64	0.75	Q	Q	0.25	0.04	Q	Q	16.79
5,500-7,000 HDD	304	Q	Q	Q	0.70	0.70	Q	0.83	0.15	Q	Q	Q	10.98
4,000-5,499 HDD	312	5	178	Q	0.69	0.88	0.75	0.57	0.12	Q	0.10	0.03	21.99
Fewer than 4,000 HDD	Q	Q	Q	2	Q	Q	0.74	0.95	Q	Q	0.03	Q	27.86
More than 2,000 CDD and --													
Fewer than 4,000 HDD	Q	Q	18	Q	Q	Q	0.70	Q	Q	Q	Q	Q	34.72
Workers (main shift)													
Less than 10	298	Q	106	Q	0.79	0.77	0.87	Q	0.23	0.11	0.19	Q	12.67
10 to 99	361	Q	80	Q	0.66	0.66	0.70	0.70	0.21	Q	0.07	0.04	19.68
100 or More	158	14	53	Q	0.58	0.65	0.62	0.66	0.07	0.01	0.02	Q	19.20
Weekly Operating Hours													
48 or Fewer	194	Q	109	Q	0.73	0.75	0.80	0.73	0.17	Q	0.11	Q	23.04
49 to 84	381	Q	63	Q	0.70	0.76	0.70	0.72	0.16	Q	0.05	Q	20.61
85 to 168	243	32	67	Q	0.62	0.70	0.69	0.68	0.12	0.02	0.04	Q	22.56
Ownership and Occupancy													
Nongovernment Owned	596	Q	179	20	0.71	0.74	0.77	0.87	0.15	0.03	0.06	0.01	17.62
Owner Occupied	546	Q	154	19	0.71	0.75	0.75	0.89	0.16	0.03	0.06	0.01	16.88
Nonowner Occupied	46	Q	Q	Q	0.63	Q	0.88	Q	0.12	Q	Q	Q	19.54
Unoccupied	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Government Owned	222	Q	60	Q	0.62	0.68	0.67	0.55	0.14	Q	0.06	Q	21.33
Space in Building Vacant for at Least Three Consecutive Months													
Yes	108	Q	24	Q	0.65	0.71	0.80	0.77	0.08	Q	0.02	Q	21.04
No	710	59	216	32	0.69	0.74	0.73	0.71	0.17	0.04	0.08	0.02	16.82
Energy Sources (more than one may apply)													
Electricity	812	84	239	34	0.68	0.73	0.74	0.71	0.15	0.03	0.06	0.02	16.03
Natural Gas	300	Q	61	Q	0.65	0.65	0.64	0.57	0.10	Q	0.02	Q	19.73
Fuel Oil	818	84	240	34	0.68	0.73	0.74	0.71	0.15	0.03	0.06	0.02	15.62
District Heat	31	Q	Q	Q	0.60	0.78	Q	Q	0.04	Q	Q	Q	51.94
District Chilled Water	Q	Q	3	Q	Q	Q	0.64	Q	Q	Q	0.01	Q	28.76
Propane	222	Q	Q	Q	0.68	Q	0.70	Q	0.23	Q	0.14	Q	14.85
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99

See footnotes at end of table.

Table 29. Fuel Oil Expenditures by Census Region, 1995 (Continued)

Building Characteristics	Total Fuel Oil Expenditures (million dollars)				Fuel Oil Expenditures (dollars)								RSE Row Factor
					per Gallon				per Square Foot				
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West	
	1.2	2.3	2.0	2.0	0.3	0.4	0.3	0.5	0.8	2.1	1.7	2.1	
RSE Column Factor:													
Energy End Uses (more than one may apply)													
Buildings with Space Heating	818	84	240	Q	0.68	0.73	0.74	0.64	0.15	0.03	0.06	0.01	16.11
Buildings with Cooling	577	72	209	Q	0.66	0.71	0.72	0.86	0.13	0.03	0.05	Q	21.22
Buildings with Water Heating	764	76	226	30	0.68	0.71	0.73	0.69	0.15	0.03	0.06	0.01	16.95
Buildings with Cooking	336	20	108	Q	0.64	0.66	0.67	0.59	0.12	0.01	0.05	Q	21.04
Buildings with Manufacturing	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Buildings with Electricity Generation	244	27	86	Q	0.61	0.71	0.68	0.70	0.09	0.01	0.03	Q	21.98
Space-Heating Energy Source													
Fuel Oil	801	71	202	Q	0.68	0.73	0.74	0.62	0.21	0.07	0.13	0.11	15.35
Fuel Oil Main	739	Q	169	Q	0.69	Q	0.76	Q	0.24	Q	0.21	Q	13.70
Fuel Oil Secondary	61	14	Q	Q	0.66	0.70	0.69	Q	0.07	0.02	0.05	Q	20.00
Other Excluding Fuel Oil	18	Q	37	4	0.63	0.71	0.72	0.82	0.01	Q	0.01	Q	24.55
Buildings without Space Heating	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Primary Space-Heating Energy Source													
Electricity	Q	Q	Q	Q	Q	0.72	0.68	0.81	Q	0.02	0.03	Q	20.14
Natural Gas	27	16	25	Q	0.64	0.66	0.70	0.78	0.02	0.01	0.02	Q	22.63
Fuel Oil	739	Q	169	Q	0.69	Q	0.76	Q	0.24	Q	0.21	Q	13.70
District Heat	24	Q	4	Q	0.60	0.91	0.62	0.83	0.04	Q	0.01	Q	22.85
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													
Fuel Oil	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Other Excluding Fuel Oil	567	72	207	Q	0.66	0.71	0.72	0.88	0.13	0.03	0.05	Q	21.12
Buildings without Cooling	241	Q	Q	Q	0.73	Q	Q	Q	0.24	Q	Q	Q	16.58
Water-Heating Energy Source													
Fuel Oil	428	Q	Q	Q	0.66	Q	Q	Q	0.26	Q	Q	Q	14.74
Other Excluding Fuel Oil	336	Q	156	8	0.70	0.73	0.75	0.76	0.09	0.02	0.04	(*)	18.12
Buildings without Water Heating	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
Cooking Energy Source													
Fuel Oil	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Other Excluding Fuel Oil	333	20	108	Q	0.64	0.66	0.67	0.65	0.12	0.01	0.05	Q	21.31
Buildings without Cooking	482	Q	132	17	0.72	0.76	0.81	0.90	0.18	Q	0.07	0.02	16.18
Percent of Floorspace Heated													
Not Heated	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.99
1 to 50	53	Q	Q	Q	0.84	Q	Q	Q	0.15	Q	Q	Q	38.03
51 to 99	171	Q	Q	Q	0.69	0.77	0.91	0.60	0.14	Q	Q	Q	17.53
100	594	52	201	Q	0.67	0.71	0.72	0.65	0.15	0.02	0.07	0.01	17.09
Annual Consumption (gallons)													
1,000 or less	35	Q	Q	Q	0.95	0.90	0.93	0.91	0.02	Q	0.02	Q	17.04
1,001 to 5,000	276	Q	Q	Q	0.79	Q	0.84	Q	0.20	Q	0.11	Q	17.87
5,001 to 10,000	132	Q	Q	Q	0.77	Q	Q	Q	0.18	Q	Q	Q	18.59
10,001 to 25,000	139	Q	Q	Q	0.63	Q	Q	Q	0.22	Q	Q	Q	16.34
Over 25,000	236	Q	Q	Q	0.56	Q	Q	Q	0.21	Q	Q	Q	16.96

(*) = 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.