

Table B10. Consumption of Fuel Oil by End Use, 1989

Building Characteristics RSE Column Factor:	Fuel Oil Consumption (trillion Btu)				RSE Row Factor
	Total	Space Heating	Water Heating	Other ^a	
	1.0	NF	NF	NF	
All Buildings	357	301	26	30	13.28
Building Floorspace (Square Feet)					
1,001 to 10,000	101	91	9	Q	23.83
10,001 to 25,000	69	61	5	Q	17.35
25,001 to 50,000	47	44	2	Q	19.69
50,001 to 100,000	54	47	Q	Q	46.65
100,001 to 200,000	46	31	Q	Q	39.53
Over 200,000	40	27	Q	Q	29.27
Year Constructed					
1945 or Before	112	101	8	Q	13.63
1946 to 1959	77	73	3	Q	24.41
1960 to 1969	73	60	6	Q	36.42
1970 to 1979	61	40	6	Q	30.29
1980 to 1989	34	27	Q	Q	33.98
BUILDING USE					
Principal Building Activity					
Assembly	31	29	2	Q	20.25
Education	71	68	Q	Q	24.77
Food Sales and Service	18	15	Q	Q	28.86
Health Care	17	7	Q	Q	42.28
Lodging	10	6	4	Q	33.61
Mercantile and Service	75	68	4	Q	22.11
Office	43	38	2	Q	27.63
Warehouse	53	39	Q	Q	38.96
Other	30	24	Q	Q	44.52
Vacant	7	7	Q	Q	34.88
Weekly Operating Hours					
39 or Fewer	26	25	1	Q	23.63
40 to 48	65	63	1	Q	19.31
49 to 60	54	49	3	Q	18.95
61 to 84	68	61	6	Q	20.54
85 to 167	80	67	Q	Q	32.60
168 (Open Continuously)	65	37	11	Q	30.29
Workers					
4 or Fewer	83	75	7	Q	19.56
5 to 9	35	29	3	Q	21.87
10 to 19	38	37	1	Q	25.85
20 to 49	72	66	4	Q	17.57
50 to 99	34	30	Q	Q	27.13
100 to 249	57	42	Q	Q	42.47
250 or More	39	21	Q	Q	35.13
Ownership and Occupancy					
Nongovernment Owned	242	197	19	Q	14.28
Owner Occupied	200	165	17	Q	17.06
Single Establishment	176	144	15	Q	18.40
Multiple Establishment	24	21	1	Q	15.14
Nonowner Occupied	42	32	2	Q	29.37
Single Establishment	Q	11	Q	Q	NF
Multiple Establishment	19	17	2	Q	29.73
Vacant	Q	Q	Q	NC	NF
Government Owned	115	103	Q	Q	22.24
Federal	Q	Q	Q	Q	NF
State	31	25	Q	Q	42.68
Local	79	75	3	Q	23.52

See footnotes at end of table.

Table B10. Consumption of Fuel Oil by End Use, 1989 (Continued)

Building Characteristics	Fuel Oil Consumption (trillion Btu)				RSE Row Factor
	Total	Space Heating	Water Heating	Other ^a	
	1.0	NF	NF	NF	
RSE Column Factor:	1.0	NF	NF	NF	
Multibuilding Facility					
Not on Multibuilding Facility.....	234	206	15	Q	12.66
Part of Multibuilding Facility.....	123	95	11	Q	26.40
On Facility with Central Plant.....	60	Q	Q	Q	43.90
Percent Vacant at Least Three Months					
0.....	284	237	20	27	15.68
1 to 50.....	48	41	Q	4	18.10
51 to 99.....	14	13	Q	Q	43.43
100.....	11	10	Q	Q	32.28
Months in Use Out of Past 12 Months					
0 to 8.....	13	12	Q	Q	40.56
9 to 11.....	36	34	Q	Q	29.37
12.....	309	254	24	30	14.01
LOCATION					
Census Region					
Northeast.....	237	198	21	Q	17.86
Midwest.....	61	58	Q	Q	22.29
South.....	50	38	Q	Q	27.59
West.....	Q	Q	Q	Q	NF
Census Division					
Northeast					
New England.....	92	79	6	Q	16.02
Middle Atlantic.....	145	119	14	Q	28.19
Midwest					
East North Central.....	38	37	Q	*	26.22
West North Central.....	23	21	Q	Q	42.98
South					
South Atlantic.....	42	32	Q	Q	30.87
East South Central.....	Q	Q	Q	Q	NF
West South Central.....	Q	Q	NC	Q	NF
West					
Mountain.....	Q	Q	NC	Q	NF
Pacific.....	Q	Q	Q	Q	NF
Climate Zone: 45-Year Average					
Under 2,000 CDD and --					
Over 7,000 HDD.....	65	61	Q	2	16.38
5,500-7,000 HDD.....	137	113	11	Q	25.82
4,000-5,499 HDD.....	127	111	11	5	15.52
Under 4,000 HDD.....	Q	10	Q	Q	NF
2,000 CDD or More and --					
Under 4,000 HDD.....	Q	Q	Q	Q	NF
1989 Degree-Days					
Under 2,000 CDD and --					
Over 7,000 HDD.....	100	85	Q	Q	33.27
5,500-7,000 HDD.....	148	129	10	Q	18.83
4,000-5,499 HDD.....	84	73	9	Q	17.67
Under 4,000 HDD.....	Q	Q	Q	Q	NF
2,000 CDD or More and --					
Under 4,000 HDD.....	Q	Q	Q	Q	NF
STRUCTURE					
Floors					
1.....	101	87	4	Q	21.69
2.....	108	94	6	Q	26.90
3.....	75	63	10	Q	22.75
4 to 6.....	52	42	3	Q	23.21
7 or More.....	21	14	Q	3	36.40

See footnotes at end of table.

Table B10. Consumption of Fuel Oil by End Use, 1989 (Continued)

Building Characteristics RSE Column Factor:	Fuel Oil Consumption (trillion Btu)				RSE Row Factor
	Total	Space Heating	Water Heating	Other ^a	
	1.0	NF	NF	NF	
Wall Materials					
Masonry.....	285	242	20	Q	13.73
Siding or Shingles.....	31	27	Q	Q	32.51
Metal Panels.....	17	17	Q	Q	30.93
Concrete Panels.....	Q	10	Q	Q	NF
Window Glass.....	Q	Q	Q	Q	NF
Other.....	Q	Q	Q	Q	NF
Roof Materials					
Built-Up.....	175	152	11	Q	16.50
Shingles (Not Wood).....	72	63	7	2	22.28
Metal Surfacing.....	34	27	Q	Q	32.32
Synthetic or Rubber.....	59	46	2	Q	38.41
Slate or Tile.....	Q	Q	Q	Q	NF
Concrete.....	Q	Q	Q	Q	NF
Wooden Materials.....	Q	Q	Q	Q	NF
Other.....	Q	Q	Q	Q	NF
Building Shell Conservation Features (Solely or in Combination)					
Roof or Ceiling Insulation.....	254	210	21	Q	14.36
Wall Insulation.....	148	117	14	Q	18.03
Storm or Multiple Glazing.....	160	133	17	Q	17.57
Tinted, Reflective, or Shading Glass.....	75	56	8	Q	18.83
Exterior or Interior Shadings or Awnings.....	130	111	13	Q	15.90
Weather Stripping or Caulking.....	244	209	21	Q	12.32
None of the Above.....	Q	34	Q	Q	NF
ENERGY SOURCES AND END USES					
Energy Sources (Solely or in Combination)					
Electricity.....	355	299	26	30	13.36
Natural Gas.....	149	117	11	Q	17.74
Fuel Oil.....	357	301	26	30	13.28
District Heat.....	Q	Q	Q	3	NF
Other.....	81	66	Q	Q	31.96
Energy End Uses (Solely or in Combination)					
Heated Buildings.....	356	301	25	30	13.28
Air-Conditioned Buildings.....	260	212	20	28	17.06
Buildings with Water Heating.....	321	266	26	30	14.20
Buildings with Cooking.....	150	119	14	Q	20.91
Buildings with Manufacturing.....	Q	Q	Q	Q	NF
Space-Heating Energy Source					
Fuel Oil.....	344	301	20	Q	13.65
Main.....	287	253	20	Q	15.27
With Secondary.....	59	48	Q	Q	24.61
Electricity Only.....	27	24	Q	Q	33.78
Other Energy Sources or Combinations.....	32	24	2	Q	31.81
With No Secondary.....	228	206	15	Q	18.34
Secondary.....	57	47	Q	Q	38.94
Other Excluding Fuel Oil.....	Q	NC	Q	Q	NF
Building Not Heated.....	Q	NC	Q	Q	NF
Main Space-Heating Energy Source					
Electricity.....	4	Q	Q	Q	45.39
Natural Gas.....	44	32	Q	Q	38.74
Fuel Oil.....	287	253	20	Q	15.27
District Heat.....	Q	Q	Q	Q	NF
Other.....	Q	Q	Q	Q	NF

See footnotes at end of table.

Table B10. Consumption of Fuel Oil by End Use, 1989 (Continued)

Building Characteristics	Fuel Oil Consumption (trillion Btu)				RSE Row Factor
	Total	Space Heating	Water Heating	Other ^a	
	1.0	NF	NF	NF	
RSE Column Factor:					
HEATING AND COOLING					
Percent Heated					
Not Heated	Q	Q	Q	Q	NF
1 to 50	27	25	Q	Q	26.51
51 to 99	62	45	2	Q	35.05
100	264	228	22	Q	12.05
Percent Cooled					
Not Cooled	97	89	6	2	10.68
1 to 50	146	119	9	Q	23.47
51 to 99	65	52	6	Q	26.17
100	50	40	5	Q	23.02
Heating Equipment (Solely or in Combination)					
Furnaces.....	99	85	5	Q	21.30
Boilers.....	282	235	20	27	14.83
Individual Space Heaters	113	89	7	Q	26.89
Packaged Heating Units.....	28	18	Q	Q	43.40
Heat Pumps	16	12	Q	3	30.08
Air Ducts	181	143	11	27	21.00
Heating or Reheating Coils	89	63	Q	Q	32.68
Fan-Coil Units.....	78	60	Q	Q	19.99
Steam or Hot Water Radiators or Baseboards.....	216	174	18	24	17.38
Other	Q	Q	Q	Q	NF
ENERGY MANAGEMENT					
Occupant Control					
Any Control of Heating	157	137	10	Q	12.55
With Thermostats	143	125	9	Q	13.87
Any Control of Cooling.....	134	116	10	Q	17.02
With Thermostats	104	89	8	Q	17.67
Reduced Use During Off-Hours					
Heating Only	83	78	4	Q	12.39
Cooling Only	24	20	3	Q	33.78
Heating and Cooling	172	143	14	Q	16.04
Computerized Energy Management and Control System					
Present in Building.....	51	31	Q	Q	27.14
Controls Heating and Cooling	50	31	Q	Q	27.24
Controls Lighting	Q	Q	Q	Q	NF
Controls Other	Q	Q	Q	Q	NF
Other Energy Management					
Regular HVAC Maintenance.....	283	235	20	28	14.16
Participated in Utility Conservation Program.....	64	53	2	Q	25.62

^a Includes cooking and cooling.

* = Value rounds to zero in the units displayed.

NC = No cases in responding sample.

NF = No applicable RSE row/column 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. • 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 1989 Commercial Buildings Energy Consumption Survey.

Table B11. Energy End-Use Intensities for Fuel Oil, 1989

Building Characteristics RSE Column Factor:	Energy Intensity for Fuel Oil (thousand Btu per sq. ft.)				RSE Row Factor
	Total	Space Heating	Water Heating	Other ^a	
	1.0	NF	NF	NF	
All Buildings	28.3	23.9	2.0	2.4	11.84
Building Floorspace (Square Feet)					
1,001 to 10,000	66.1	59.9	5.6	Q	14.22
10,001 to 25,000	45.9	40.8	3.6	Q	13.54
25,001 to 50,000	35.5	33.0	Q	Q	16.34
50,001 to 100,000	32.5	27.8	Q	Q	47.93
100,001 to 200,000	20.7	13.9	Q	Q	35.67
Over 200,000	9.2	6.3	Q	Q	26.37
Year Constructed					
1945 or Before	30.4	27.4	2.1	Q	11.98
1946 to 1959	37.3	35.3	1.5	Q	16.67
1960 to 1969	32.0	26.2	2.4	Q	39.13
1970 to 1979	25.4	16.9	2.5	Q	29.64
1980 to 1989	15.7	12.4	Q	Q	30.76
BUILDING USE					
Principal Building Activity					
Assembly	29.4	27.2	2.0	Q	16.41
Education	32.1	30.8	1.1	Q	22.62
Food Sales and Service	Q	43.2	Q	Q	NF
Health Care	12.2	5.1	Q	Q	40.09
Lodging	17.4	Q	7.1	Q	44.71
Mercantile and Service	46.7	42.1	2.7	Q	16.22
Office	14.8	13.1	.8	.9	27.57
Warehouse	37.3	27.2	Q	Q	39.10
Other	41.3	32.6	Q	Q	38.51
Vacant	22.3	21.7	Q	Q	40.94
Weekly Operating Hours					
39 or Fewer	33.7	32.6	1.1	Q	13.51
40 to 48	24.5	23.6	.5	Q	25.32
49 to 60	22.8	20.8	1.2	Q	17.77
61 to 84	38.0	34.1	3.4	Q	17.97
85 to 167	36.1	30.3	Q	Q	21.88
168 (Open Continuously)	22.9	12.9	3.7	Q	28.19
Workers					
4 or Fewer	47.9	43.3	4.0	Q	14.17
5 to 9	31.9	27.1	3.2	Q	16.14
10 to 19	42.9	41.5	1.3	Q	22.75
20 to 49	47.8	44.2	2.9	Q	16.52
50 to 99	18.6	16.6	Q	Q	35.92
100 to 249	33.7	24.6	Q	Q	38.58
250 or More	10.0	5.5	Q	Q	31.74
Ownership and Occupancy					
Nongovernment Owned	27.6	22.5	2.1	Q	12.91
Owner Occupied	28.8	23.8	2.4	Q	14.00
Single Establishment	31.7	25.9	2.8	Q	15.84
Multiple Establishment	17.5	15.3	.9	Q	14.94
Nonowner Occupied	22.9	17.5	1.2	Q	28.05
Single Establishment	17.5	10.1	Q	Q	47.37
Multiple Establishment	30.8	28.0	2.6	Q	17.28
Vacant	33.9	33.1	Q	NC	40.46
Government Owned	29.9	26.9	Q	Q	19.04
Federal	Q	Q	Q	Q	NF
State	32.5	Q	Q	Q	25.35
Local	31.6	30.0	1.2	Q	22.93

See footnote at end of table.

Table B11. Energy End-Use Intensities for Fuel Oil, 1989 (Continued)

Building Characteristics	Energy Intensity for Fuel Oil (thousand Btu per sq. ft.)				RSE Row Factor
	Total	Space Heating	Water Heating	Other ^a	
	1.0	NF	NF	NF	
RSE Column Factor:	1.0	NF	NF	NF	
Multibuilding Facility					
Not on Multibuilding Facility.....	30.0	26.4	1.9	Q	11.27
Part of Multibuilding Facility.....	25.6	19.7	2.3	Q	25.11
On Facility with Central Plant.....	26.2	Q	Q	Q	43.16
Percent Vacant at Least Three Months					
0.....	31.7	26.4	2.3	3.0	13.89
1 to 50.....	19.3	16.5	Q	1.4	16.96
51 to 99.....	19.6	17.4	2.1	Q	32.38
100.....	25.4	24.8	Q	Q	38.99
Months in Use Out of Past 12 Months					
0 to 8.....	23.2	22.2	Q	Q	26.40
9 to 11.....	40.1	38.6	Q	Q	33.23
12.....	27.6	22.8	2.2	2.7	12.73
LOCATION					
Census Region					
Northeast.....	46.1	38.6	4.0	3.5	13.01
Midwest.....	19.0	18.3	Q	Q	26.27
South.....	17.7	13.5	Q	Q	32.63
West.....	Q	Q	Q	Q	NF
Census Division					
Northeast					
New England.....	48.5	41.6	3.4	Q	11.05
Middle Atlantic.....	44.7	36.9	4.4	Q	21.59
Midwest					
East North Central.....	19.5	19.0	Q	Q	33.26
West North Central.....	18.2	Q	Q	Q	48.24
South					
South Atlantic.....	20.8	15.5	Q	Q	39.11
East South Central.....	16.5	Q	Q	Q	49.69
West South Central.....	Q	Q	NC	Q	NF
West					
Mountain.....	Q	Q	NC	Q	NF
Pacific.....	Q	Q	Q	Q	NF
Climate Zone: 45-Year Average					
Under 2,000 CDD and --					
Over 7,000 HDD.....	35.0	32.6	Q	1.1	15.35
5,500-7,000 HDD.....	34.9	28.8	2.7	Q	23.26
4,000-5,499 HDD.....	29.8	25.9	2.7	1.3	10.81
Under 4,000 HDD.....	Q	Q	Q	Q	NF
2,000 CDD or More and --					
Under 4,000 HDD.....	10.6	Q	Q	Q	49.99
1989 Degree-Days					
Under 2,000 CDD and --					
Over 7,000 HDD.....	39.0	33.0	Q	Q	28.27
5,500-7,000 HDD.....	28.8	25.2	1.9	Q	14.97
4,000-5,499 HDD.....	32.3	28.1	3.4	Q	17.07
Under 4,000 HDD.....	Q	Q	Q	Q	NF
2,000 CDD or More and --					
Under 4,000 HDD.....	Q	Q	Q	Q	NF
STRUCTURE					
Floors					
1.....	44.4	38.4	1.6	Q	18.11
2.....	35.3	30.7	1.8	Q	25.45
3.....	36.7	30.9	4.8	Q	20.50
4 to 6.....	19.3	15.7	1.0	Q	21.14
7 or More.....	8.3	5.4	Q	1.2	36.46

See footnote at end of table.

Table B11. Energy End-Use Intensities for Fuel Oil, 1989 (Continued)

Building Characteristics RSE Column Factor:	Energy Intensity for Fuel Oil (thousand Btu per sq. ft.)				RSE Row Factor
	Total	Space Heating	Water Heating	Other ^a	
	1.0	NF	NF	NF	
Wall Materials					
Masonry.....	30.4	25.8	2.1	Q	11.59
Siding or Shingles.....	43.9	37.9	Q	Q	24.19
Metal Panels.....	26.0	25.0	Q	Q	21.54
Concrete Panels.....	13.0	7.8	Q	Q	46.24
Window Glass.....	13.9	Q	Q	Q	45.23
Other.....	Q	Q	Q	Q	NF
Roof Materials					
Built-Up.....	26.7	23.1	1.7	Q	14.49
Shingles (Not Wood).....	33.7	29.5	3.1	1.1	19.54
Metal Surfacing.....	41.0	32.8	Q	Q	15.56
Synthetic or Rubber.....	33.2	25.7	1.2	Q	37.48
Slate or Tile.....	Q	Q	Q	Q	NF
Concrete.....	7.3	5.1	Q	Q	36.98
Wooden Materials.....	Q	Q	Q	Q	NF
Other.....	Q	Q	Q	Q	NF
Building Shell Conservation Features (Solely or in Combination)					
Roof or Ceiling Insulation.....	26.5	21.9	2.2	Q	11.81
Wall Insulation.....	23.2	18.3	2.1	Q	15.56
Storm or Multiple Glazing.....	23.9	19.7	2.5	Q	14.28
Tinted, Reflective, or Shading Glass.....	15.6	11.6	1.7	Q	18.14
Exterior or Interior Shadings or Awnings.....	22.6	19.2	2.3	Q	13.38
Weather Stripping or Caulking.....	25.9	22.2	2.2	Q	10.91
None of the Above.....	Q	29.5	Q	Q	NF
ENERGY SOURCES AND END USES					
Energy Sources (Solely or in Combination)					
Electricity.....	28.2	23.8	2.1	Q	12.46
Natural Gas.....	18.9	14.9	1.4	Q	14.78
Fuel Oil.....	28.3	23.9	2.0	2.4	11.84
District Heat.....	Q	Q	Q	Q	NF
Other.....	35.8	29.2	2.5	Q	19.32
Energy End Uses (Solely or in Combination)					
Heated Buildings.....	28.4	24.0	2.0	2.4	11.87
Air-Conditioned Buildings.....	24.8	20.2	1.9	2.7	15.79
Buildings with Water Heating.....	27.1	22.5	2.2	2.5	12.43
Buildings with Cooking.....	24.1	19.0	2.3	Q	20.01
Buildings with Manufacturing.....	Q	Q	Q	Q	NF
Space-Heating Energy Source					
Fuel Oil.....	32.7	28.6	1.9	Q	12.21
Main.....	51.3	45.3	3.5	Q	11.80
With Secondary.....	51.5	41.7	4.2	Q	16.14
Electricity Only.....	57.6	51.8	Q	Q	23.48
Other Energy Sources or Combinations.....	47.4	34.9	3.5	Q	18.81
With No Secondary.....	51.3	46.2	3.3	Q	13.83
Secondary.....	11.5	9.6	Q	Q	32.89
Other Excluding Fuel Oil.....	Q	NC	Q	Q	NF
Building Not Heated.....	14.6	NC	10.8	Q	11.75
Main Space-Heating Energy Source					
Electricity.....	3.8	1.5	Q	Q	45.19
Natural Gas.....	9.3	6.7	Q	Q	35.62
Fuel Oil.....	51.3	45.3	3.5	Q	11.80
District Heat.....	Q	Q	Q	Q	NF
Other.....	61.6	59.5	Q	Q	12.98

See footnote at end of table.

Table B11. Energy End-Use Intensities for Fuel Oil, 1989 (Continued)

Building Characteristics	Energy Intensity for Fuel Oil (thousand Btu per sq. ft.)				RSE Row Factor
	Total	Space Heating	Water Heating	Other ^a	
	1.0	NF	NF	NF	
RSE Column Factor:					
HEATING AND COOLING					
Percent Heated					
Not Heated	35.5	Q	9.2	Q	11.75
1 to 50	27.5	25.2	Q	1.0	19.91
51 to 99	25.7	18.6	.7	Q	35.54
100	29.0	25.1	2.4	Q	10.76
Percent Cooled					
Not Cooled	45.3	41.6	2.8	.9	12.82
1 to 50	39.3	32.2	2.5	Q	20.72
51 to 99	18.9	15.2	1.7	Q	27.93
100	14.9	12.1	1.4	Q	22.46
Heating Equipment (Solely or in Combination)					
Furnaces.....	35.4	30.5	1.7	Q	17.31
Boilers.....	34.1	28.4	2.5	3.3	13.81
Individual Space Heaters	23.9	18.9	1.5	Q	26.31
Packaged Heating Units.....	14.8	9.7	Q	Q	31.50
Heat Pumps	10.7	7.9	Q	1.7	29.65
Air Ducts	22.4	17.6	1.4	3.4	19.51
Heating or Reheating Coils	17.2	12.2	Q	Q	31.32
Fan-Coil Units.....	17.7	13.6	1.7	Q	18.64
Steam or Hot Water Radiators or Baseboards.....	33.5	27.0	2.7	3.7	15.71
Other.....	6.4	5.0	Q	Q	35.35
ENERGY MANAGEMENT					
Occupant Control					
Any Control of Heating.....	33.0	28.9	2.2	Q	11.18
With Thermostats	33.3	29.1	2.1	Q	13.06
Any Control of Cooling.....	31.0	26.8	2.2	Q	15.11
With Thermostats	26.4	22.6	2.0	Q	15.22
Reduced Use During Off-Hours					
Heating Only	40.2	37.8	2.0	Q	11.04
Cooling Only.....	30.7	25.3	4.1	Q	24.46
Heating and Cooling	22.3	18.5	1.8	Q	14.15
Computerized Energy Management and Control System					
Present in Building.....	12.1	7.4	Q	Q	26.91
Controls Heating and Cooling	12.7	7.8	Q	Q	25.20
Controls Lighting	Q	Q	Q	Q	NF
Controls Other.....	Q	Q	Q	Q	NF
Other Energy Management					
Regular HVAC Maintenance.....	27.2	22.6	1.9	2.7	13.45
Participated in Utility Conservation Program.....	18.4	15.3	.7	Q	23.31

^a Includes cooking and cooling.

NC = No cases in responding sample.

NF = No applicable RSE row/column 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. • 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 1989 Commercial Buildings Energy Consumption Survey.