

1999 Commercial Buildings Energy Consumption Survey Detailed Tables

Building Characteristics Relative Standard Error (RSE) Tables

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RSEs for Table B1. Summary Table: Totals and Means of Floorspace, Number of Workers, and Hours of Operation, 1999

| | RSEs for All Buildings | RSEs for Total Floorspace | RSEs for Total Workers in All Buildings | RSEs for Mean Square Feet per Building | RSEs for Mean Square Feet per Worker | RSEs for Mean Hours per Week |
|--|------------------------|---------------------------|---|--|--------------------------------------|------------------------------|
| All Buildings | 4.2 | 3.5 | 4.6 | 3.6 | 3.2 | 2.3 |
| Building Floorspace (Square Feet) | | | | | | |
| 1,001 to 5,000 | 6.8 | 6.1 | 10.1 | 2.6 | 7.5 | 4.1 |
| 5,001 to 10,000 | 6.7 | 7.1 | 10.7 | 1.4 | 10.7 | 4.5 |
| 10,001 to 25,000 | 7.1 | 6.8 | 8.4 | 1.5 | 7.1 | 3.9 |
| 25,001 to 50,000 | 6.9 | 6.8 | 7.8 | 1.1 | 4.5 | 2.9 |
| 50,001 to 100,000 | 10.3 | 10.2 | 13.0 | 1.0 | 6.6 | 2.7 |
| 100,001 to 200,000 | 6.3 | 6.4 | 7.9 | 1.4 | 5.3 | 2.5 |
| 200,001 to 500,000 | 6.5 | 6.6 | 9.2 | 1.9 | 8.3 | 3.4 |
| Over 500,000 | 10.7 | 11.1 | 12.2 | 2.5 | 9.5 | 5.3 |
| Principal Building Activity | | | | | | |
| Education | 12.3 | 6.2 | 8.8 | 11.1 | 8.2 | 4.3 |
| Food Sales | 17.2 | 16.0 | 12.5 | 12.2 | 11.1 | 6.1 |
| Food Service | 9.3 | 9.7 | 14.0 | 6.6 | 9.2 | 3.9 |
| Health Care | 17.6 | 7.6 | 10.2 | 16.9 | 7.4 | 7.8 |
| Inpatient | 25.6 | 9.9 | 10.2 | 31.7 | 6.3 | 1.1 |
| Outpatient | 19.1 | 10.3 | 18.3 | 16.1 | 13.3 | 8.0 |
| Lodging | 11.4 | 11.0 | 11.9 | 11.4 | 12.0 | 4.6 |
| Mercantile | 9.1 | 8.8 | 9.8 | 8.3 | 6.9 | 3.9 |
| Retail (Other Than Mall) | 10.8 | 10.7 | 16.2 | 8.9 | 14.4 | 4.6 |
| Enclosed and Strip Malls | 17.7 | 10.3 | 10.7 | 16.2 | 6.6 | 5.4 |
| Office | 8.3 | 6.9 | 7.8 | 7.7 | 3.4 | 3.0 |
| Public Assembly | 13.5 | 10.8 | 25.5 | 10.5 | 18.7 | 9.8 |
| Public Order and Safety | 28.1 | 22.2 | 28.2 | 15.8 | 18.7 | 16.8 |
| Religious Worship | 12.1 | 12.0 | 14.8 | 9.3 | 13.4 | 14.7 |
| Service | 12.8 | 11.8 | 16.4 | 10.4 | 10.3 | 4.6 |
| Warehouse and Storage | 12.4 | 9.4 | 16.1 | 9.6 | 12.3 | 9.6 |
| Other | 22.0 | 13.6 | 22.4 | 19.6 | 17.2 | 15.5 |
| Vacant | 14.5 | 12.2 | 47.1 | 9.2 | 70.1 | 55.9 |
| Year Constructed | | | | | | |
| 1919 or Before | 11.3 | 7.2 | 17.2 | 10.3 | 16.6 | 6.5 |
| 1920 to 1945 | 10.9 | 9.0 | 10.9 | 9.8 | 13.1 | 7.2 |
| 1946 to 1959 | 6.7 | 7.7 | 9.2 | 5.9 | 6.5 | 5.7 |
| 1960 to 1969 | 7.4 | 6.2 | 8.0 | 6.3 | 5.7 | 6.0 |
| 1970 to 1979 | 8.1 | 5.8 | 7.6 | 7.0 | 5.7 | 4.5 |
| 1980 to 1989 | 7.4 | 6.1 | 7.4 | 6.6 | 5.2 | 4.0 |
| 1990 to 1999 | 12.9 | 6.3 | 8.0 | 9.5 | 5.0 | 7.5 |
| Floors | | | | | | |
| One | 5.4 | 4.9 | 6.2 | 4.2 | 5.2 | 3.2 |
| Two | 7.4 | 6.1 | 8.2 | 6.1 | 5.4 | 4.7 |
| Three | 9.0 | 7.4 | 11.2 | 7.3 | 9.3 | 4.4 |
| Four to Nine | 9.8 | 5.7 | 7.8 | 10.3 | 5.2 | 8.9 |
| Ten or More | 12.7 | 10.7 | 10.2 | 8.3 | 8.0 | 6.2 |
| Census Region and Division | | | | | | |
| Northeast | 8.0 | 7.7 | 8.1 | 7.0 | 6.8 | 6.3 |
| New England | 15.4 | 9.4 | 9.3 | 15.5 | 8.7 | 11.5 |
| Middle Atlantic | 8.8 | 9.5 | 9.8 | 8.2 | 9.1 | 7.7 |
| Midwest | 9.7 | 5.0 | 9.9 | 7.2 | 7.2 | 5.6 |
| East North Central | 12.6 | 5.3 | 11.9 | 10.1 | 8.9 | 7.3 |
| West North Central | 15.0 | 9.4 | 15.5 | 9.9 | 11.7 | 9.8 |
| South | 5.6 | 5.3 | 7.5 | 5.7 | 5.6 | 3.2 |
| South Atlantic | 11.8 | 9.1 | 9.3 | 9.9 | 5.2 | 4.9 |
| East South Central | 8.2 | 8.6 | 7.3 | 7.5 | 7.3 | 9.8 |
| West South Central | 5.9 | 7.4 | 18.0 | 9.7 | 14.0 | 4.5 |
| West | 10.8 | 6.0 | 6.2 | 8.3 | 4.4 | 4.4 |
| Mountain | 11.1 | 10.8 | 7.9 | 9.3 | 8.3 | 13.8 |
| Pacific | 15.9 | 7.6 | 8.3 | 12.6 | 4.8 | 5.2 |

RSEs for Table B1. Summary Table: Totals and Means of Floorspace, Number of Workers, and Hours of Operation, 1999

| | RSEs for All Buildings | RSEs for Total Floorspace | RSEs for Total Workers in All Buildings | RSEs for Mean Square Feet per Building | RSEs for Mean Square Feet per Worker | RSEs for Mean Hours per Week |
|---|------------------------|---------------------------|---|--|--------------------------------------|------------------------------|
| Climate Zone: 45-Year Average | | | | | | |
| Under 2,000 CDD and -- | | | | | | |
| More than 7000 HDD | 19.0 | 10.5 | 10.5 | 9.5 | 4.9 | 8.2 |
| 5500-7000 HDD | 7.0 | 7.1 | 9.4 | 5.2 | 7.7 | 6.8 |
| 4000-5499 HDD | 16.8 | 9.1 | 9.1 | 10.7 | 5.9 | 6.2 |
| Fewer than 4000 HDD | 10.9 | 8.9 | 9.3 | 9.0 | 4.8 | 5.4 |
| 2,000 CDD or More and -- | | | | | | |
| Fewer than 4000 HDD | 11.1 | 9.4 | 12.9 | 7.2 | 9.3 | 4.1 |
| Workers (main shift) | | | | | | |
| Fewer than 5 | 6.0 | 6.3 | 6.8 | 4.6 | 6.7 | 4.1 |
| 5 to 9 | 7.9 | 7.6 | 8.1 | 6.2 | 6.0 | 3.0 |
| 10 to 19 | 7.6 | 6.7 | 6.8 | 6.5 | 6.0 | 3.6 |
| 20 to 49 | 9.0 | 6.6 | 8.7 | 5.4 | 5.3 | 5.1 |
| 50 to 99 | 10.7 | 8.9 | 10.9 | 7.4 | 7.4 | 3.9 |
| 100 to 249 | 11.7 | 7.2 | 10.5 | 9.8 | 7.9 | 4.0 |
| 250 or More | 8.6 | 6.3 | 7.1 | 7.6 | 5.6 | 3.3 |
| Weekly Operating Hours | | | | | | |
| 39 or Fewer | 10.3 | 9.8 | 17.5 | 5.9 | 16.9 | 8.8 |
| 40 to 48 | 5.9 | 6.1 | 7.5 | 5.5 | 6.8 | 0.4 |
| 49 to 60 | 8.2 | 6.1 | 7.4 | 7.8 | 6.2 | 0.5 |
| 61 to 84 | 9.6 | 6.1 | 8.6 | 7.4 | 5.0 | 0.6 |
| 85 to 167 | 7.7 | 7.0 | 7.8 | 7.3 | 5.9 | 1.0 |
| Open Continuously | 10.4 | 5.0 | 6.9 | 9.3 | 6.3 | 0.0 |
| Ownership and Occupancy | | | | | | |
| Nongovernment Owned | 4.5 | 4.2 | 5.6 | 3.9 | 3.7 | 2.4 |
| Owner Occupied | 5.4 | 4.5 | 6.2 | 4.5 | 4.8 | 2.8 |
| Nonowner Occupied | 5.8 | 6.4 | 8.3 | 6.2 | 5.3 | 3.1 |
| Unoccupied | 17.1 | 14.6 | 0.0 | 11.9 | 0.0 | 0.0 |
| Government Owned | 9.0 | 4.6 | 7.0 | 7.2 | 5.5 | 5.6 |
| Vacancy Status | | | | | | |
| Completely Vacant | 20.7 | 14.5 | 0.0 | 13.7 | 0.0 | 0.0 |
| Mostly Vacant | 22.9 | 20.0 | 47.1 | 14.4 | 67.6 | 52.8 |
| Partially Vacant | 7.3 | 6.2 | 7.6 | 8.0 | 7.4 | 6.8 |
| Not At All Vacant | 4.4 | 3.4 | 4.9 | 3.7 | 3.3 | 2.2 |
| Number of Establishments | | | | | | |
| One | 4.7 | 3.5 | 5.6 | 4.1 | 4.1 | 2.6 |
| 2 to 5 | 9.4 | 6.5 | 9.7 | 8.0 | 7.7 | 3.0 |
| 6 to 10 | 15.0 | 10.1 | 12.9 | 11.7 | 6.7 | 7.7 |
| 11 to 20 | 16.8 | 12.1 | 11.9 | 12.0 | 8.0 | 3.9 |
| More than 20 | 25.4 | 10.2 | 10.5 | 20.1 | 8.6 | 9.5 |
| Currently Unoccupied | 16.4 | 13.5 | 0.0 | 11.3 | 0.0 | 0.0 |
| Energy Sources (more than one may apply) | | | | | | |
| Electricity | 4.1 | 3.5 | 4.6 | 3.6 | 3.2 | 2.3 |
| Natural Gas | 4.8 | 3.9 | 5.4 | 4.2 | 3.7 | 2.5 |
| Fuel Oil | 16.7 | 6.9 | 7.3 | 14.0 | 5.7 | 7.7 |
| District Heat | 15.5 | 9.9 | 11.3 | 11.6 | 7.7 | 7.8 |
| District Chilled Water | 27.2 | 12.1 | 15.8 | 21.8 | 8.5 | 13.8 |
| Propane | 15.0 | 10.9 | 14.2 | 9.3 | 11.4 | 7.6 |
| Wood | 28.8 | 28.2 | 31.2 | 22.7 | 16.4 | 9.2 |
| Coal | 53.4 | 40.8 | 53.9 | 46.4 | 66.6 | 4.3 |
| Solar | 51.2 | 25.9 | 36.5 | 75.9 | 20.5 | 28.5 |
| Other | 24.1 | 16.6 | 26.8 | 24.6 | 32.0 | 8.3 |

RSEs for Table B1. Summary Table: Totals and Means of Floorspace, Number of Workers, and Hours of Operation, 1999

| | RSEs for All Buildings | RSEs for Total Floorspace | RSEs for Total Workers in All Buildings | RSEs for Mean Square Feet per Building | RSEs for Mean Square Feet per Worker | RSEs for Mean Hours per Week |
|--|------------------------|---------------------------|---|--|--------------------------------------|------------------------------|
| Space-Heating Energy Sources | | | | | | |
| (more than one may apply) | | | | | | |
| Electricity | 5.1 | 4.1 | 5.7 | 5.0 | 3.8 | 3.1 |
| Natural Gas | 5.4 | 4.2 | 5.9 | 4.6 | 3.8 | 2.8 |
| Fuel Oil | 19.2 | 10.7 | 9.6 | 11.6 | 6.6 | 9.2 |
| District Heat | 16.5 | 9.9 | 11.0 | 12.9 | 8.0 | 8.2 |
| Propane | 18.3 | 18.0 | 21.3 | 10.2 | 13.6 | 11.1 |
| Wood | 32.5 | 33.9 | 43.1 | 23.7 | 22.1 | 10.9 |
| Coal | 53.4 | 40.8 | 53.9 | 46.4 | 66.6 | 4.3 |
| Solar | 47.5 | 45.2 | 58.8 | 32.9 | 29.6 | 21.1 |
| Other | 45.7 | 35.9 | 43.9 | 49.0 | 36.8 | 12.5 |
| Primary Space-Heating Energy Source | | | | | | |
| Electricity | 7.1 | 5.5 | 6.8 | 6.4 | 5.1 | 3.5 |
| Natural Gas | 6.0 | 4.4 | 6.5 | 5.0 | 4.1 | 2.9 |
| Fuel Oil | 18.8 | 12.4 | 11.2 | 10.9 | 9.6 | 10.6 |
| District Heat | 16.2 | 10.3 | 11.4 | 13.0 | 8.1 | 8.4 |
| Propane | 19.1 | 19.5 | 22.8 | 11.4 | 17.7 | 12.3 |
| Wood | 42.0 | 42.2 | 51.1 | 16.3 | 52.7 | 23.3 |
| Coal | 73.4 | 42.8 | 55.8 | 177.3 | 70.1 | 13.9 |
| Solar | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Other | 59.3 | 50.1 | 41.3 | 24.7 | 31.4 | 9.9 |
| Cooling Energy Sources | | | | | | |
| (more than one may apply) | | | | | | |
| Electricity | 4.0 | 4.0 | 4.8 | 3.5 | 3.1 | 1.9 |
| Natural Gas | 18.3 | 12.2 | 16.9 | 14.0 | 11.6 | 11.7 |
| District Chilled Water | 27.2 | 12.1 | 15.8 | 21.8 | 8.5 | 13.8 |
| Water-Heating Energy Sources | | | | | | |
| (more than one may apply) | | | | | | |
| Electricity | 6.0 | 5.5 | 5.6 | 5.4 | 4.1 | 3.0 |
| Natural Gas | 6.1 | 4.4 | 6.9 | 5.1 | 4.7 | 2.6 |
| Fuel Oil | 20.3 | 11.5 | 13.8 | 17.0 | 14.8 | 14.5 |
| District Heat | 17.3 | 10.8 | 11.5 | 14.4 | 7.3 | 8.9 |
| Propane | 18.9 | 17.3 | 22.4 | 19.3 | 25.6 | 10.1 |
| Cooking Energy Sources | | | | | | |
| (more than one may apply) | | | | | | |
| Electricity | 8.1 | 5.2 | 6.1 | 7.3 | 4.3 | 4.0 |
| Natural Gas | 8.2 | 5.1 | 5.8 | 8.1 | 4.3 | 3.7 |
| Propane | 22.3 | 16.8 | 20.3 | 19.1 | 10.6 | 10.5 |
| Energy End Uses (more than one may apply) | | | | | | |
| Buildings with Space Heating | 4.2 | 3.5 | 4.4 | 3.9 | 2.8 | 2.3 |
| Buildings with Cooling | 3.9 | 3.8 | 4.8 | 3.5 | 3.1 | 2.0 |
| Buildings with Water Heating | 4.4 | 3.7 | 4.7 | 3.7 | 3.2 | 2.1 |
| Buildings with Cooking | 5.8 | 4.4 | 4.9 | 6.0 | 3.9 | 3.4 |
| Buildings with Manufacturing | 16.7 | 12.7 | 17.9 | 14.8 | 11.6 | 10.0 |
| Buildings with Electricity Generation | 14.2 | 7.4 | 8.0 | 14.6 | 7.3 | 7.3 |
| Percent of Floorspace Heated | | | | | | |
| Not Heated | 10.5 | 11.3 | 23.4 | 7.0 | 17.8 | 10.4 |
| 1 to 50 | 10.9 | 8.0 | 14.4 | 7.7 | 11.1 | 7.2 |
| 51 to 99 | 8.2 | 7.1 | 7.9 | 6.4 | 5.7 | 5.2 |
| 100 | 4.8 | 4.0 | 4.8 | 4.1 | 3.1 | 2.4 |

RSEs for Table B1. Summary Table: Totals and Means of Floorspace, Number of Workers, and Hours of Operation, 1999

| | RSEs for All Buildings | RSEs for Total Floorspace | RSEs for Total Workers in All Buildings | RSEs for Mean Square Feet per Building | RSEs for Mean Square Feet per Worker | RSEs for Mean Hours per Week |
|---|------------------------|---------------------------|---|--|--------------------------------------|------------------------------|
| Percent of Floorspace Cooled | | | | | | |
| Not Cooled | 10.4 | 8.8 | 14.7 | 7.0 | 12.0 | 7.1 |
| 1 to 50 | 9.1 | 6.9 | 11.4 | 6.1 | 7.6 | 3.3 |
| 51 to 99 | 6.9 | 4.5 | 7.3 | 5.8 | 4.9 | 5.1 |
| 100 | 4.5 | 5.2 | 5.4 | 5.4 | 3.9 | 3.0 |
| Percent Lit When Open | | | | | | |
| Zero | 49.1 | 32.5 | 57.8 | 25.3 | 42.5 | 20.6 |
| 1 to 50 | 9.0 | 8.1 | 10.6 | 5.6 | 7.5 | 4.8 |
| 51 to 99 | 6.4 | 4.9 | 7.7 | 4.9 | 5.3 | 3.9 |
| 100 | 5.8 | 4.2 | 4.9 | 5.2 | 3.6 | 2.9 |
| Building Never Open/ Electricity Not Used | 13.0 | 12.9 | 49.8 | 8.1 | 42.6 | 32.0 |
| Percent Lit When Closed | | | | | | |
| Zero | 6.2 | 5.9 | 9.0 | 4.6 | 6.9 | 3.7 |
| 1 to 50 | 4.9 | 4.7 | 5.2 | 5.1 | 3.7 | 1.8 |
| 51 to 100 | 16.3 | 10.0 | 12.7 | 15.4 | 7.2 | 8.5 |
| Building Never Closed/ Electricity Not Used | 9.3 | 4.7 | 6.9 | 7.9 | 6.4 | 4.4 |
| Heating Equipment (more than one may apply) | | | | | | |
| Heat Pumps | 10.5 | 6.3 | 7.7 | 9.3 | 5.6 | 4.8 |
| Furnaces | 7.4 | 5.5 | 8.7 | 5.0 | 6.6 | 4.1 |
| Individual Space Heaters | 6.7 | 5.0 | 7.6 | 6.0 | 6.1 | 4.0 |
| District Heat | 16.5 | 9.9 | 11.0 | 12.9 | 8.0 | 8.2 |
| Boilers | 7.9 | 5.6 | 6.7 | 6.8 | 5.4 | 4.9 |
| Packaged Heating Units | 6.3 | 4.8 | 5.6 | 5.1 | 3.2 | 4.1 |
| Other | 15.1 | 7.9 | 11.8 | 15.2 | 11.0 | 9.1 |
| Cooling Equipment (more than one may apply) | | | | | | |
| Residential-Type Central | | | | | | |
| Air Conditioners | 10.3 | 6.8 | 10.6 | 8.6 | 9.9 | 4.4 |
| Heat Pumps | 10.4 | 6.5 | 7.6 | 9.2 | 4.8 | 4.6 |
| Individual Air Conditioners | 8.0 | 5.9 | 9.7 | 6.3 | 7.8 | 3.9 |
| District Chilled Water | 27.2 | 12.1 | 15.8 | 21.8 | 8.5 | 13.8 |
| Central Chillers | 14.5 | 6.0 | 7.1 | 11.9 | 6.0 | 5.5 |
| Packaged Air Conditioning | | | | | | |
| Units | 4.7 | 4.0 | 5.1 | 4.1 | 3.0 | 3.2 |
| Swamp Coolers | 17.0 | 17.5 | 17.4 | 12.5 | 10.1 | 8.5 |
| Other | 29.6 | 16.3 | 14.5 | 25.7 | 11.5 | 16.5 |
| Main Equipment Replaced Since 1995 (more than one may apply) | | | | | | |
| Heating | 6.8 | 7.6 | 8.6 | 6.0 | 5.2 | 3.4 |
| Cooling | 5.9 | 5.5 | 8.3 | 4.5 | 6.9 | 2.2 |
| Lighting Equipment Types (more than one may apply) | | | | | | |
| Incandescent | 4.9 | 4.2 | 5.9 | 4.1 | 4.3 | 2.8 |
| Standard Fluorescent | 4.1 | 3.5 | 4.6 | 3.7 | 3.3 | 2.1 |
| Compact Fluorescent | 9.0 | 5.7 | 6.9 | 6.9 | 3.4 | 4.1 |
| High Intensity Discharge | 10.9 | 5.4 | 5.9 | 8.0 | 3.9 | 3.6 |
| Halogen | 9.1 | 4.4 | 6.3 | 8.7 | 4.4 | 3.5 |
| Other | 32.3 | 14.6 | 23.2 | 35.3 | 19.3 | 11.7 |
| Water Heating Equipment | | | | | | |
| Centralized System | 5.0 | 4.1 | 5.3 | 4.4 | 3.7 | 2.4 |
| Distributed System | 9.5 | 7.3 | 7.7 | 6.9 | 6.1 | 3.5 |
| Combination of Centralized and Distributed System | 11.0 | 5.5 | 7.4 | 9.7 | 5.3 | 5.3 |

RSEs for Table B1. Summary Table: Totals and Means of Floorspace, Number of Workers, and Hours of Operation, 1999

| | RSEs for All Buildings | RSEs for Total Floorspace | RSEs for Total Workers in All Buildings | RSEs for Mean Square Feet per Building | RSEs for Mean Square Feet per Worker | RSEs for Mean Hours per Week |
|---|------------------------|---------------------------|---|--|--------------------------------------|------------------------------|
| Personal Computers | | | | | | |
| None | 7.0 | 6.3 | 11.1 | 4.9 | 10.7 | 5.9 |
| 1 to 4 | 7.2 | 6.4 | 11.3 | 5.1 | 8.9 | 2.8 |
| 5 to 9 | 8.1 | 7.9 | 9.0 | 6.4 | 6.6 | 3.2 |
| 10 to 19 | 11.6 | 8.4 | 11.1 | 8.0 | 9.3 | 4.0 |
| 20 to 49 | 11.1 | 7.4 | 9.3 | 8.7 | 6.3 | 7.1 |
| 50 to 99 | 11.0 | 7.1 | 8.5 | 7.9 | 5.6 | 4.2 |
| 100 to 249 | 8.8 | 7.7 | 9.4 | 6.2 | 5.9 | 4.5 |
| 250 or More | 8.5 | 6.2 | 7.4 | 6.8 | 4.5 | 3.5 |
| Photocopiers | | | | | | |
| None | 5.4 | 5.2 | 8.2 | 3.8 | 7.3 | 3.5 |
| One | 6.8 | 6.4 | 8.0 | 5.0 | 5.8 | 3.5 |
| 2 to 4 | 7.9 | 5.5 | 7.6 | 6.3 | 5.4 | 5.7 |
| 5 to 9 | 17.7 | 7.6 | 12.3 | 15.5 | 7.9 | 3.9 |
| 10 or More | 12.0 | 6.3 | 7.0 | 9.1 | 3.6 | 3.3 |
| Other Electronic Equipment (more than one may apply) | | | | | | |
| Laser Printers | 5.1 | 4.2 | 5.4 | 4.1 | 3.3 | 2.9 |
| FAX Machines | 5.1 | 3.8 | 5.1 | 4.2 | 3.0 | 2.0 |
| Medical Diagnostic Equipment | 19.8 | 7.9 | 11.0 | 19.6 | 7.9 | 9.4 |
| Energy-Related Space Functions (more than one may apply) | | | | | | |
| Commercial Food Preparation | 5.8 | 4.5 | 5.0 | 6.1 | 4.0 | 3.4 |
| Activities with Large Amounts of Hot Water | 6.3 | 4.0 | 5.0 | 4.9 | 4.1 | 2.2 |
| Building Shell Conservation Features (more than one may apply) | | | | | | |
| Multipaned Windows | 6.5 | 4.5 | 5.1 | 5.2 | 3.1 | 3.7 |
| Tinted, Reflective, or Shading Glass | 5.7 | 4.8 | 5.4 | 5.6 | 3.6 | 3.4 |
| HVAC Conservation Features (more than one may apply) | | | | | | |
| Variable Air-Volume System | 9.8 | 5.4 | 6.7 | 9.0 | 4.2 | 3.1 |
| Economizer Cycle | 8.2 | 5.2 | 6.4 | 7.2 | 3.8 | 4.5 |
| HVAC Maintenance | 4.8 | 3.9 | 4.8 | 4.0 | 2.6 | 2.4 |
| Energy Management and Control System (EMCS) | 10.3 | 5.4 | 6.1 | 8.7 | 3.3 | 4.5 |
| Lighting Conservation Features (more than one may apply) | | | | | | |
| Specular Reflectors | 8.8 | 6.0 | 6.3 | 7.9 | 3.2 | 4.2 |
| Electronic Ballasts | 5.3 | 3.9 | 4.7 | 4.5 | 2.9 | 2.6 |
| Skylights or Atriums | 8.6 | 5.8 | 6.4 | 8.4 | 5.2 | 5.1 |
| Off-Hour Equipment Reduction (more than one may apply) | | | | | | |
| Heating | 5.0 | 4.0 | 4.5 | 4.9 | 3.5 | 1.8 |
| Cooling | 4.3 | 4.4 | 5.2 | 4.3 | 4.1 | 1.9 |
| Lighting | 4.4 | 4.0 | 4.7 | 4.0 | 3.6 | 1.6 |
| Office Equipment | 8.5 | 6.1 | 8.1 | 8.6 | 5.9 | 2.7 |

RSEs for Table B2. Summary Table: Totals and Medians of Floorspace, Number of Workers, Hours of Operation, and Age of Building, 1999

| | RSEs for All Buildings | RSEs for Total Floorspace | RSEs for Total Workers in All Buildings | RSEs Not Available for Medians | | | |
|------------------------------------|------------------------|---------------------------|---|---------------------------------|-------------------------------|-----------------------|-------------------------|
| | | | | Median Square Feet per Building | Median Square Feet per Worker | Median Hours per Week | Median Age of Buildings |
| All Buildings | 4.2 | 3.5 | 4.6 | - | - | - | - |
| Building Floorspace | | | | | | | |
| (Square Feet) | | | | | | | |
| 1,001 to 5,000 | 6.8 | 6.1 | 10.1 | - | - | - | - |
| 5,001 to 10,000 | 6.7 | 7.1 | 10.7 | - | - | - | - |
| 10,001 to 25,000 | 7.1 | 6.8 | 8.4 | - | - | - | - |
| 25,001 to 50,000 | 6.9 | 6.8 | 7.8 | - | - | - | - |
| 50,001 to 100,000 | 10.3 | 10.2 | 13.0 | - | - | - | - |
| 100,001 to 200,000 | 6.3 | 6.4 | 7.9 | - | - | - | - |
| 200,001 to 500,000 | 6.5 | 6.6 | 9.2 | - | - | - | - |
| Over 500,000 | 10.7 | 11.1 | 12.2 | - | - | - | - |
| Principal Building Activity | | | | | | | |
| Education | 12.3 | 6.2 | 8.8 | - | - | - | - |
| Food Sales | 17.2 | 16.0 | 12.5 | - | - | - | - |
| Food Service | 9.3 | 9.7 | 14.0 | - | - | - | - |
| Health Care | 17.6 | 7.6 | 10.2 | - | - | - | - |
| Inpatient | 25.6 | 9.9 | 10.2 | - | - | - | - |
| Outpatient | 19.1 | 10.3 | 18.3 | - | - | - | - |
| Lodging | 11.4 | 11.0 | 11.9 | - | - | - | - |
| Mercantile | 9.1 | 8.8 | 9.8 | - | - | - | - |
| Retail (Other Than Mall) | 10.8 | 10.7 | 16.2 | - | - | - | - |
| Enclosed and Strip Malls | 17.7 | 10.3 | 10.7 | - | - | - | - |
| Office | 8.3 | 6.9 | 7.8 | - | - | - | - |
| Public Assembly | 13.5 | 10.8 | 25.5 | - | - | - | - |
| Public Order and Safety | 28.1 | 22.2 | 28.2 | - | - | - | - |
| Religious Worship | 12.1 | 12.0 | 14.8 | - | - | - | - |
| Service | 12.8 | 11.8 | 16.4 | - | - | - | - |
| Warehouse and Storage | 12.4 | 9.4 | 16.1 | - | - | - | - |
| Other | 22.0 | 13.6 | 22.4 | - | - | - | - |
| Vacant | 14.5 | 12.2 | 47.1 | - | - | - | - |
| Year Constructed | | | | | | | |
| 1919 or Before | 11.3 | 7.2 | 17.2 | - | - | - | - |
| 1920 to 1945 | 10.9 | 9.0 | 10.9 | - | - | - | - |
| 1946 to 1959 | 6.7 | 7.7 | 9.2 | - | - | - | - |
| 1960 to 1969 | 7.4 | 6.2 | 8.0 | - | - | - | - |
| 1970 to 1979 | 8.1 | 5.8 | 7.6 | - | - | - | - |
| 1980 to 1989 | 7.4 | 6.1 | 7.4 | - | - | - | - |
| 1990 to 1999 | 12.9 | 6.3 | 8.0 | - | - | - | - |
| Floors | | | | | | | |
| One | 5.4 | 4.9 | 6.2 | - | - | - | - |
| Two | 7.4 | 6.1 | 8.2 | - | - | - | - |
| Three | 9.0 | 7.4 | 11.2 | - | - | - | - |
| Four to Nine | 9.8 | 5.7 | 7.8 | - | - | - | - |
| Ten or More | 12.7 | 10.7 | 10.2 | - | - | - | - |
| Census Region and Division | | | | | | | |
| Northeast | 8.0 | 7.7 | 8.1 | - | - | - | - |
| New England | 15.4 | 9.4 | 9.3 | - | - | - | - |
| Middle Atlantic | 8.8 | 9.5 | 9.8 | - | - | - | - |
| Midwest | 9.7 | 5.0 | 9.9 | - | - | - | - |
| East North Central | 12.6 | 5.3 | 11.9 | - | - | - | - |
| West North Central | 15.0 | 9.4 | 15.5 | - | - | - | - |
| South | 5.6 | 5.3 | 7.5 | - | - | - | - |
| South Atlantic | 11.8 | 9.1 | 9.3 | - | - | - | - |
| East South Central | 8.2 | 8.6 | 7.3 | - | - | - | - |
| West South Central | 5.9 | 7.4 | 18.0 | - | - | - | - |
| West | 10.8 | 6.0 | 6.2 | - | - | - | - |
| Mountain | 11.1 | 10.8 | 7.9 | - | - | - | - |
| Pacific | 15.9 | 7.6 | 8.3 | - | - | - | - |

RSEs for Table B2. Summary Table: Totals and Medians of Floorspace, Number of Workers, Hours of Operation, and Age of Building, 1999

| | RSEs for All Buildings | RSEs for Total Floorspace | RSEs for Total Workers in All Buildings | RSEs Not Available for Medians | | | |
|---|------------------------|---------------------------|---|---------------------------------|-------------------------------|-----------------------|-------------------------|
| | | | | Median Square Feet per Building | Median Square Feet per Worker | Median Hours per Week | Median Age of Buildings |
| Climate Zone: 45-Year Average | | | | | | | |
| Under 2,000 CDD and -- | | | | | | | |
| More than 7,000 HDD | 19.0 | 10.5 | 10.5 | - | - | - | - |
| 5,500-7,000 HDD | 7.0 | 7.1 | 9.4 | - | - | - | - |
| 4,000-5,499 HDD | 16.8 | 9.1 | 9.1 | - | - | - | - |
| Fewer than 4,000 HDD | 10.9 | 8.9 | 9.3 | - | - | - | - |
| 2,000 CDD or More and -- | | | | | | | |
| Fewer than 4,000 HDD | 11.1 | 9.4 | 12.9 | - | - | - | - |
| Workers (main shift) | | | | | | | |
| Fewer than 5 | 6.0 | 6.3 | 6.8 | - | - | - | - |
| 5 to 9 | 7.9 | 7.6 | 8.1 | - | - | - | - |
| 10 to 19 | 7.6 | 6.7 | 6.8 | - | - | - | - |
| 20 to 49 | 9.0 | 6.6 | 8.7 | - | - | - | - |
| 50 to 99 | 10.7 | 8.9 | 10.9 | - | - | - | - |
| 100 to 249 | 11.7 | 7.2 | 10.5 | - | - | - | - |
| 250 or More | 8.6 | 6.3 | 7.1 | - | - | - | - |
| Weekly Operating Hours | | | | | | | |
| 39 or Fewer | 10.3 | 9.8 | 17.5 | - | - | - | - |
| 40 to 48 | 5.9 | 6.1 | 7.5 | - | - | - | - |
| 49 to 60 | 8.2 | 6.1 | 7.4 | - | - | - | - |
| 61 to 84 | 9.6 | 6.1 | 8.6 | - | - | - | - |
| 85 to 167 | 7.7 | 7.0 | 7.8 | - | - | - | - |
| Open Continuously | 10.4 | 5.0 | 6.9 | - | - | - | - |
| Ownership and Occupancy | | | | | | | |
| Nongovernment Owned | 4.5 | 4.2 | 5.6 | - | - | - | - |
| Owner Occupied | 5.4 | 4.5 | 6.2 | - | - | - | - |
| Nonowner Occupied | 5.8 | 6.4 | 8.3 | - | - | - | - |
| Unoccupied | 17.1 | 14.6 | 0.0 | - | - | - | - |
| Government Owned | 9.0 | 4.6 | 7.0 | - | - | - | - |
| Vacancy Status | | | | | | | |
| Completely Vacant | 20.7 | 14.5 | 0.0 | - | - | - | - |
| Mostly Vacant | 22.9 | 20.0 | 47.1 | - | - | - | - |
| Partially Vacant | 7.3 | 6.2 | 7.6 | - | - | - | - |
| Not At All Vacant | 4.4 | 3.4 | 4.9 | - | - | - | - |
| Number of Establishments | | | | | | | |
| One | 4.7 | 3.5 | 5.6 | - | - | - | - |
| 2 to 5 | 9.4 | 6.5 | 9.7 | - | - | - | - |
| 6 to 10 | 15.0 | 10.1 | 12.9 | - | - | - | - |
| 11 to 20 | 16.8 | 12.1 | 11.9 | - | - | - | - |
| More than 20 | 25.4 | 10.2 | 10.5 | - | - | - | - |
| Currently Unoccupied | 16.4 | 13.5 | 0.0 | - | - | - | - |
| Energy Sources (more than one may apply) | | | | | | | |
| Electricity | 4.1 | 3.5 | 4.6 | - | - | - | - |
| Natural Gas | 4.8 | 3.9 | 5.4 | - | - | - | - |
| Fuel Oil | 16.7 | 6.9 | 7.3 | - | - | - | - |
| District Heat | 15.5 | 9.9 | 11.3 | - | - | - | - |
| District Chilled Water | 27.2 | 12.1 | 15.8 | - | - | - | - |
| Propane | 15.0 | 10.9 | 14.2 | - | - | - | - |
| Wood | 28.8 | 28.2 | 31.2 | - | - | - | - |
| Coal | 53.4 | 40.8 | 53.9 | - | - | - | - |
| Solar | 51.2 | 25.9 | 36.5 | - | - | - | - |
| Other | 24.1 | 16.6 | 26.8 | - | - | - | - |

RSEs for Table B2. Summary Table: Totals and Medians of Floorspace, Number of Workers, Hours of Operation, and Age of Building, 1999

| | RSEs for All Buildings | RSEs for Total Floorspace | RSEs for Total Workers in All Buildings | RSEs Not Available for Medians | | | |
|--|------------------------|---------------------------|---|---------------------------------|-------------------------------|-----------------------|-------------------------|
| | | | | Median Square Feet per Building | Median Square Feet per Worker | Median Hours per Week | Median Age of Buildings |
| Space-Heating Energy Sources | | | | | | | |
| (more than one may apply) | | | | | | | |
| Electricity | 5.1 | 4.1 | 5.7 | - | - | - | - |
| Natural Gas | 5.4 | 4.2 | 5.9 | - | - | - | - |
| Fuel Oil | 19.2 | 10.7 | 9.6 | - | - | - | - |
| District Heat | 16.5 | 9.9 | 11.0 | - | - | - | - |
| Propane | 18.3 | 18.0 | 21.3 | - | - | - | - |
| Wood | 32.5 | 33.9 | 43.1 | - | - | - | - |
| Coal | 53.4 | 40.8 | 53.9 | - | - | - | - |
| Solar | 47.5 | 45.2 | 58.8 | - | - | - | - |
| Other | 45.7 | 35.9 | 43.9 | - | - | - | - |
| Primary Space-Heating Energy Source | | | | | | | |
| Electricity | 7.1 | 5.5 | 6.8 | - | - | - | - |
| Natural Gas | 6.0 | 4.4 | 6.5 | - | - | - | - |
| Fuel Oil | 18.8 | 12.4 | 11.2 | - | - | - | - |
| District Heat | 16.2 | 10.3 | 11.4 | - | - | - | - |
| Propane | 19.1 | 19.5 | 22.8 | - | - | - | - |
| Wood | 42.0 | 42.2 | 51.1 | - | - | - | - |
| Coal | 73.4 | 42.8 | 55.8 | - | - | - | - |
| Solar | 0.0 | 0.0 | 0.0 | - | - | - | - |
| Other | 59.3 | 50.1 | 41.3 | - | - | - | - |
| Cooling Energy Sources | | | | | | | |
| (more than one may apply) | | | | | | | |
| Electricity | 4.0 | 4.0 | 4.8 | - | - | - | - |
| Natural Gas | 18.3 | 12.2 | 16.9 | - | - | - | - |
| District Chilled Water | 27.2 | 12.1 | 15.8 | - | - | - | - |
| Water-Heating Energy Sources | | | | | | | |
| (more than one may apply) | | | | | | | |
| Electricity | 6.0 | 5.5 | 5.6 | - | - | - | - |
| Natural Gas | 6.1 | 4.4 | 6.9 | - | - | - | - |
| Fuel Oil | 20.3 | 11.5 | 13.8 | - | - | - | - |
| District Heat | 17.3 | 10.8 | 11.5 | - | - | - | - |
| Propane | 18.9 | 17.3 | 22.4 | - | - | - | - |
| Cooking Energy Sources | | | | | | | |
| (more than one may apply) | | | | | | | |
| Electricity | 8.1 | 5.2 | 6.1 | - | - | - | - |
| Natural Gas | 8.2 | 5.1 | 5.8 | - | - | - | - |
| Propane | 22.3 | 16.8 | 20.3 | - | - | - | - |
| Energy End Uses (more than one may apply) | | | | | | | |
| Buildings with Space Heating | 4.2 | 3.5 | 4.4 | - | - | - | - |
| Buildings with Cooling | 3.9 | 3.8 | 4.8 | - | - | - | - |
| Buildings with Water Heating | 4.4 | 3.7 | 4.7 | - | - | - | - |
| Buildings with Cooking | 5.8 | 4.4 | 4.9 | - | - | - | - |
| Buildings with Manufacturing | 16.7 | 12.7 | 17.9 | - | - | - | - |
| Buildings with Electricity Generation | 14.2 | 7.4 | 8.0 | - | - | - | - |
| Percent of Floorspace Heated | | | | | | | |
| Not Heated | 10.5 | 11.3 | 23.4 | - | - | - | - |
| 1 to 50 | 10.9 | 8.0 | 14.4 | - | - | - | - |
| 51 to 99 | 8.2 | 7.1 | 7.9 | - | - | - | - |
| 100 | 4.8 | 4.0 | 4.8 | - | - | - | - |

RSEs for Table B2. Summary Table: Totals and Medians of Floorspace, Number of Workers, Hours of Operation, and Age of Building, 1999

| | RSEs for All Buildings | RSEs for Total Floorspace | RSEs for Total Workers in All Buildings | RSEs Not Available for Medians | | | |
|---|------------------------|---------------------------|---|---------------------------------|-------------------------------|-----------------------|-------------------------|
| | | | | Median Square Feet per Building | Median Square Feet per Worker | Median Hours per Week | Median Age of Buildings |
| Percent of Floorspace Cooled | | | | | | | |
| Not Cooled | 10.4 | 8.8 | 14.7 | - | - | - | - |
| 1 to 50 | 9.1 | 6.9 | 11.4 | - | - | - | - |
| 51 to 99 | 6.9 | 4.5 | 7.3 | - | - | - | - |
| 100 | 4.5 | 5.2 | 5.4 | - | - | - | - |
| Percent Lit When Open | | | | | | | |
| Zero | 49.1 | 32.5 | 57.8 | - | - | - | - |
| 1 to 50 | 9.0 | 8.1 | 10.6 | - | - | - | - |
| 51 to 99 | 6.4 | 4.9 | 7.7 | - | - | - | - |
| 100 | 5.8 | 4.2 | 4.9 | - | - | - | - |
| Building Never Open/ Electricity Not Used | 13.0 | 12.9 | 49.8 | - | - | - | - |
| Percent Lit When Closed | | | | | | | |
| Zero | 6.2 | 5.9 | 9.0 | - | - | - | - |
| 1 to 50 | 4.9 | 4.7 | 5.2 | - | - | - | - |
| 51 to 100 | 16.3 | 10.0 | 12.7 | - | - | - | - |
| Building Never Closed/ Electricity Not Used | 9.3 | 4.7 | 6.9 | - | - | - | - |
| Heating Equipment (more than one may apply) | | | | | | | |
| Heat Pumps | 10.5 | 6.3 | 7.7 | - | - | - | - |
| Furnaces | 7.4 | 5.5 | 8.7 | - | - | - | - |
| Individual Space Heaters | 6.7 | 5.0 | 7.6 | - | - | - | - |
| District Heat | 16.5 | 9.9 | 11.0 | - | - | - | - |
| Boilers | 7.9 | 5.6 | 6.7 | - | - | - | - |
| Packaged Heating Units | 6.3 | 4.8 | 5.6 | - | - | - | - |
| Other | 15.1 | 7.9 | 11.8 | - | - | - | - |
| Cooling Equipment (more than one may apply) | | | | | | | |
| Residential-Type Central | | | | | | | |
| Air Conditioners | 10.3 | 6.8 | 10.6 | - | - | - | - |
| Heat Pumps | 10.4 | 6.5 | 7.6 | - | - | - | - |
| Individual Air Conditioners | 8.0 | 5.9 | 9.7 | - | - | - | - |
| District Chilled Water | 27.2 | 12.1 | 15.8 | - | - | - | - |
| Central Chillers | 14.5 | 6.0 | 7.1 | - | - | - | - |
| Packaged Air Conditioning | | | | | | | |
| Units | 4.7 | 4.0 | 5.1 | - | - | - | - |
| Swamp Coolers | 17.0 | 17.5 | 17.4 | - | - | - | - |
| Other | 29.6 | 16.3 | 14.5 | - | - | - | - |
| Main Equipment Replaced Since 1995 (more than one may apply) | | | | | | | |
| Heating | 6.8 | 7.6 | 8.6 | - | - | - | - |
| Cooling | 5.9 | 5.5 | 8.3 | - | - | - | - |
| Lighting Equipment Types (more than one may apply) | | | | | | | |
| Incandescent | 4.9 | 4.2 | 5.9 | - | - | - | - |
| Standard Fluorescent | 4.1 | 3.5 | 4.6 | - | - | - | - |
| Compact Fluorescent | 9.0 | 5.7 | 6.9 | - | - | - | - |
| High Intensity Discharge | 10.9 | 5.4 | 5.9 | - | - | - | - |
| Halogen | 9.1 | 4.4 | 6.3 | - | - | - | - |
| Other | 32.3 | 14.6 | 23.2 | - | - | - | - |
| Water Heating Equipment | | | | | | | |
| Centralized System | 5.0 | 4.1 | 5.3 | - | - | - | - |
| Distributed System | 9.5 | 7.3 | 7.7 | - | - | - | - |
| Combination of Centralized and Distributed System | 11.0 | 5.5 | 7.4 | - | - | - | - |

RSEs for Table B2. Summary Table: Totals and Medians of Floorspace, Number of Workers, Hours of Operation, and Age of Building, 1999

| | RSEs for All Buildings | RSEs for Total Floorspace | RSEs for Total Workers in All Buildings | RSEs Not Available for Medians | | | |
|---|------------------------|---------------------------|---|---------------------------------|-------------------------------|-----------------------|-------------------------|
| | | | | Median Square Feet per Building | Median Square Feet per Worker | Median Hours per Week | Median Age of Buildings |
| Personal Computers | | | | | | | |
| None | 7.0 | 6.3 | 11.1 | - | - | - | - |
| 1 to 4 | 7.2 | 6.4 | 11.3 | - | - | - | - |
| 5 to 9 | 8.1 | 7.9 | 9.0 | - | - | - | - |
| 10 to 19 | 11.6 | 8.4 | 11.1 | - | - | - | - |
| 20 to 49 | 11.1 | 7.4 | 9.3 | - | - | - | - |
| 50 to 99 | 11.0 | 7.1 | 8.5 | - | - | - | - |
| 100 to 249 | 8.8 | 7.7 | 9.4 | - | - | - | - |
| 250 or More | 8.5 | 6.2 | 7.4 | - | - | - | - |
| Photocopiers | | | | | | | |
| None | 5.4 | 5.2 | 8.2 | - | - | - | - |
| One | 6.8 | 6.4 | 8.0 | - | - | - | - |
| 2 to 4 | 7.9 | 5.5 | 7.6 | - | - | - | - |
| 5 to 9 | 17.7 | 7.6 | 12.3 | - | - | - | - |
| 10 or More | 12.0 | 6.3 | 7.0 | - | - | - | - |
| Other Electronic Equipment (more than one may apply) | | | | | | | |
| Laser Printers | 5.1 | 4.2 | 5.4 | - | - | - | - |
| FAX Machines | 5.1 | 3.8 | 5.1 | - | - | - | - |
| Medical Diagnostic Equipment | 19.8 | 7.9 | 11.0 | - | - | - | - |
| Energy-Related Space Functions (more than one may apply) | | | | | | | |
| Commercial Food Preparation | 5.8 | 4.5 | 5.0 | - | - | - | - |
| Activities with Large Amounts of Hot Water | 6.3 | 4.0 | 5.0 | - | - | - | - |
| Building Shell Conservation Features (more than one may apply) | | | | | | | |
| Multipaned Windows | 6.5 | 4.5 | 5.1 | - | - | - | - |
| Tinted, Reflective, or Shading Glass | 5.7 | 4.8 | 5.4 | - | - | - | - |
| HVAC Conservation Features (more than one may apply) | | | | | | | |
| Variable Air-Volume System | 9.8 | 5.4 | 6.7 | - | - | - | - |
| Economizer Cycle | 8.2 | 5.2 | 6.4 | - | - | - | - |
| HVAC Maintenance | 4.8 | 3.9 | 4.8 | - | - | - | - |
| Energy Management and Control System (EMCS) | 10.3 | 5.4 | 6.1 | - | - | - | - |
| Lighting Conservation Features (more than one may apply) | | | | | | | |
| Specular Reflectors | 8.8 | 6.0 | 6.3 | - | - | - | - |
| Electronic Ballasts | 5.3 | 3.9 | 4.7 | - | - | - | - |
| Skylights or Atriums | 8.6 | 5.8 | 6.4 | - | - | - | - |
| Off-Hour Equipment Reduction (more than one may apply) | | | | | | | |
| Heating | 5.0 | 4.0 | 4.5 | - | - | - | - |
| Cooling | 4.3 | 4.4 | 5.2 | - | - | - | - |
| Lighting | 4.4 | 4.0 | 4.7 | - | - | - | - |
| Office Equipment | 8.5 | 6.1 | 8.1 | - | - | - | - |

RSEs for Table B3. Census Region, Number of Buildings and Floorspace, 1999

| | RSEs for Number of Buildings | | | | | RSEs for Total Floorspace | | | | |
|--|------------------------------|------------|---------|-------|------|---------------------------|------------|---------|-------|------|
| | All Buildings | North-east | Midwest | South | West | All Buildings | North-east | Midwest | South | West |
| All Buildings | 4.2 | 8.0 | 9.7 | 5.6 | 10.8 | 3.5 | 7.7 | 5.0 | 5.3 | 6.0 |
| Building Floorspace (Square Feet) | | | | | | | | | | |
| 1,001 to 5,000 | 6.8 | 8.0 | 15.1 | 10.3 | 16.1 | 6.1 | 12.8 | 15.1 | 9.3 | 11.9 |
| 5,001 to 10,000 | 6.7 | 15.7 | 15.5 | 8.8 | 12.9 | 7.1 | 15.7 | 15.7 | 10.0 | 13.0 |
| 10,001 to 25,000 | 7.1 | 18.6 | 12.3 | 11.1 | 11.3 | 6.8 | 18.2 | 11.5 | 10.9 | 12.4 |
| 25,001 to 50,000 | 6.9 | 15.5 | 9.3 | 11.5 | 7.8 | 6.8 | 15.2 | 9.9 | 11.3 | 7.6 |
| 50,001 to 100,000 | 10.3 | 17.6 | 12.5 | 12.7 | 13.6 | 10.2 | 17.1 | 12.9 | 12.9 | 13.3 |
| 100,001 to 200,000 | 6.3 | 10.2 | 9.5 | 10.9 | 13.4 | 6.4 | 10.2 | 10.2 | 11.5 | 13.9 |
| 200,001 to 500,000 | 6.5 | 16.0 | 12.9 | 12.1 | 11.6 | 6.6 | 15.7 | 13.1 | 12.6 | 11.2 |
| Over 500,000 | 10.7 | 24.8 | 19.3 | 22.6 | 23.0 | 11.1 | 24.7 | 17.8 | 20.5 | 24.8 |
| Principal Building Activity | | | | | | | | | | |
| Education | 12.3 | 12.1 | 17.9 | 18.2 | 21.9 | 6.2 | 14.4 | 13.4 | 10.1 | 15.3 |
| Food Sales | 17.2 | 36.3 | 48.5 | 27.3 | 49.6 | 16.0 | 49.7 | 49.8 | 14.8 | 28.6 |
| Food Service | 9.3 | 45.9 | 21.2 | 18.3 | 19.5 | 9.7 | 41.5 | 19.6 | 19.1 | 17.1 |
| Health Care | 17.6 | 41.8 | 41.2 | 18.6 | 36.7 | 7.6 | 13.8 | 14.5 | 13.5 | 18.4 |
| Inpatient | 25.6 | 73.7 | 24.6 | 17.2 | 31.5 | 9.9 | 14.8 | 20.4 | 18.8 | 21.6 |
| Outpatient | 19.1 | 50.3 | 43.7 | 19.4 | 41.2 | 10.3 | 35.2 | 19.7 | 18.1 | 26.2 |
| Lodging | 11.4 | 37.8 | 16.0 | 20.3 | 23.9 | 11.0 | 16.9 | 13.1 | 17.7 | 23.0 |
| Mercantile | 9.1 | 22.2 | 17.3 | 15.0 | 14.4 | 8.8 | 17.9 | 18.6 | 11.1 | 14.3 |
| Retail (Other Than Mall) | 10.8 | 27.8 | 18.0 | 19.5 | 16.1 | 10.7 | 21.8 | 22.0 | 13.3 | 20.1 |
| Enclosed and Strip Malls | 17.7 | 41.7 | 39.9 | 23.6 | 28.8 | 10.3 | 21.4 | 19.8 | 16.9 | 16.7 |
| Office | 8.3 | 20.8 | 18.7 | 10.7 | 21.9 | 6.9 | 13.9 | 14.3 | 10.5 | 11.1 |
| Public Assembly | 13.5 | 35.3 | 26.8 | 18.1 | 33.2 | 10.8 | 22.9 | 15.4 | 13.6 | 29.4 |
| Public Order and Safety | 28.1 | 47.1 | 45.5 | 38.6 | 57.0 | 22.2 | 39.9 | 23.7 | 23.4 | 32.4 |
| Religious Worship | 12.1 | 32.5 | 25.0 | 23.8 | 22.0 | 12.0 | 30.5 | 21.8 | 23.5 | 18.1 |
| Service | 12.8 | 33.2 | 19.9 | 16.2 | 32.1 | 11.8 | 36.1 | 16.9 | 19.4 | 22.7 |
| Warehouse and Storage | 12.4 | 20.8 | 26.7 | 15.5 | 27.5 | 9.4 | 21.5 | 12.2 | 13.6 | 23.3 |
| Other | 22.0 | 28.9 | 51.8 | 49.8 | 25.5 | 13.6 | 28.2 | 23.9 | 28.7 | 28.6 |
| Vacant | 14.5 | 46.2 | 24.2 | 29.7 | 31.5 | 12.2 | 34.2 | 17.5 | 30.5 | 16.4 |
| Year Constructed | | | | | | | | | | |
| 1919 or Before | 11.3 | 20.0 | 18.7 | 28.6 | 38.6 | 7.2 | 16.6 | 13.8 | 24.0 | 26.9 |
| 1920 to 1945 | 10.9 | 24.6 | 19.2 | 16.9 | 29.9 | 9.0 | 21.0 | 14.6 | 17.1 | 18.3 |
| 1946 to 1959 | 6.7 | 13.4 | 21.3 | 9.6 | 16.6 | 7.7 | 14.4 | 13.8 | 10.9 | 17.9 |
| 1960 to 1969 | 7.4 | 22.2 | 12.9 | 14.7 | 13.2 | 6.2 | 13.7 | 10.6 | 11.5 | 10.1 |
| 1970 to 1979 | 8.1 | 21.9 | 14.6 | 11.5 | 14.9 | 5.8 | 20.3 | 10.5 | 7.3 | 11.7 |
| 1980 to 1989 | 7.4 | 25.4 | 19.8 | 8.1 | 14.3 | 6.1 | 19.8 | 14.3 | 8.9 | 11.2 |
| 1990 to 1999 | 12.9 | 24.3 | 22.0 | 20.9 | 25.4 | 6.3 | 14.6 | 14.0 | 11.9 | 10.6 |
| Floors | | | | | | | | | | |
| One | 5.4 | 14.1 | 9.6 | 7.8 | 12.8 | 4.9 | 13.1 | 5.9 | 7.9 | 10.5 |
| Two | 7.4 | 11.9 | 20.8 | 9.0 | 14.7 | 6.1 | 11.9 | 12.5 | 7.9 | 13.7 |
| Three | 9.0 | 16.0 | 16.2 | 22.1 | 23.4 | 7.4 | 17.5 | 8.0 | 15.1 | 16.2 |
| Four to Nine | 9.8 | 22.7 | 26.2 | 33.3 | 22.6 | 5.7 | 16.0 | 13.0 | 15.0 | 13.0 |
| Ten or More | 12.7 | 28.6 | 23.2 | 21.8 | 24.3 | 10.7 | 23.9 | 14.7 | 17.1 | 27.4 |
| Workers (main shift) | | | | | | | | | | |
| Fewer than 5 | 6.0 | 18.6 | 12.7 | 8.2 | 16.7 | 6.3 | 20.3 | 11.1 | 8.9 | 14.3 |
| 5 to 9 | 7.9 | 17.4 | 15.5 | 10.4 | 16.1 | 7.6 | 19.8 | 10.9 | 10.2 | 13.9 |
| 10 to 19 | 7.6 | 24.4 | 18.4 | 11.3 | 18.8 | 6.7 | 21.1 | 17.5 | 9.9 | 14.0 |
| 20 to 49 | 9.0 | 19.8 | 22.4 | 12.4 | 13.0 | 6.6 | 14.5 | 13.0 | 8.3 | 11.1 |
| 50 to 99 | 10.7 | 23.7 | 11.8 | 11.1 | 21.3 | 8.9 | 17.0 | 11.2 | 10.7 | 15.8 |
| 100 to 249 | 11.7 | 12.6 | 27.7 | 20.0 | 10.6 | 7.2 | 12.1 | 14.4 | 11.5 | 12.0 |
| 250 or More | 8.6 | 15.7 | 15.5 | 13.5 | 13.8 | 6.3 | 12.5 | 9.9 | 12.1 | 12.5 |
| Weekly Operating Hours | | | | | | | | | | |
| 39 or Fewer | 10.3 | 31.9 | 21.3 | 9.1 | 23.2 | 9.8 | 29.3 | 16.6 | 13.5 | 14.2 |
| 40 to 48 | 5.9 | 14.2 | 11.5 | 9.7 | 17.0 | 6.1 | 18.7 | 9.4 | 9.6 | 12.7 |
| 49 to 60 | 8.2 | 18.9 | 12.8 | 13.3 | 18.7 | 6.1 | 13.4 | 9.5 | 8.8 | 11.1 |
| 61 to 84 | 9.6 | 21.8 | 18.9 | 15.3 | 17.6 | 6.1 | 14.9 | 8.3 | 8.6 | 11.4 |
| 85 to 167 | 7.7 | 24.9 | 18.7 | 12.7 | 17.8 | 7.0 | 15.1 | 13.5 | 12.3 | 12.6 |
| Open Continuously | 10.4 | 22.1 | 23.2 | 18.2 | 21.8 | 5.0 | 10.4 | 7.8 | 10.7 | 12.7 |

RSEs for Table B3. Census Region, Number of Buildings and Floorspace, 1999

| | RSEs for Number of Buildings | | | | | RSEs for Total Floorspace | | | | |
|--|------------------------------|------------|---------|-------|------|---------------------------|------------|---------|-------|------|
| | All Buildings | North-east | Midwest | South | West | All Buildings | North-east | Midwest | South | West |
| Ownership and Occupancy | | | | | | | | | | |
| Nongovernment Owned | 4.5 | 8.4 | 10.1 | 5.6 | 11.2 | 4.2 | 9.2 | 6.3 | 5.2 | 7.6 |
| Owner Occupied | 5.4 | 9.5 | 11.7 | 7.7 | 13.1 | 4.5 | 11.6 | 7.3 | 5.6 | 7.8 |
| Nonowner Occupied | 5.8 | 14.7 | 13.8 | 8.5 | 13.9 | 6.4 | 14.4 | 11.1 | 9.1 | 10.1 |
| Unoccupied | 17.1 | 44.5 | 28.2 | 29.5 | 28.5 | 14.6 | 37.8 | 21.3 | 29.5 | 14.8 |
| Government Owned | 9.0 | 14.7 | 19.6 | 13.9 | 20.4 | 4.6 | 11.3 | 11.8 | 9.7 | 8.4 |
| Vacancy Status | | | | | | | | | | |
| Completely Vacant | 20.7 | 58.4 | 30.6 | 38.0 | 42.3 | 14.5 | 72.9 | 21.4 | 33.8 | 16.5 |
| Mostly Vacant | 22.9 | 47.2 | 39.3 | 63.0 | 37.4 | 20.0 | 36.0 | 30.3 | 51.7 | 27.5 |
| Partially Vacant | 7.3 | 24.3 | 17.2 | 12.7 | 15.9 | 6.2 | 15.0 | 7.5 | 9.5 | 11.2 |
| Not At All Vacant | 4.4 | 8.9 | 10.4 | 7.3 | 11.9 | 3.4 | 8.9 | 5.7 | 5.4 | 7.0 |
| Number of Establishments | | | | | | | | | | |
| One | 4.7 | 9.6 | 11.6 | 7.1 | 11.5 | 3.5 | 8.0 | 5.9 | 5.1 | 7.7 |
| 2 to 5 | 9.4 | 18.1 | 14.3 | 14.4 | 23.3 | 6.5 | 16.1 | 11.6 | 10.8 | 15.8 |
| 6 to 10 | 15.0 | 37.0 | 40.1 | 18.8 | 24.6 | 10.1 | 23.4 | 19.5 | 16.4 | 17.4 |
| 11 to 20 | 16.8 | 17.0 | 19.4 | 15.1 | 38.0 | 12.1 | 27.5 | 16.8 | 15.6 | 26.4 |
| More than 20 | 25.4 | 47.5 | 31.4 | 17.8 | 56.7 | 10.2 | 21.8 | 16.0 | 14.1 | 19.7 |
| Currently Unoccupied | 16.4 | 46.2 | 27.9 | 28.9 | 26.9 | 13.5 | 36.1 | 19.7 | 28.5 | 14.7 |
| Energy Sources (more than one may apply) | | | | | | | | | | |
| Electricity | 4.1 | 7.6 | 10.0 | 5.6 | 10.4 | 3.5 | 7.6 | 5.3 | 5.3 | 6.1 |
| Natural Gas | 4.8 | 11.9 | 11.4 | 7.7 | 9.5 | 3.9 | 6.8 | 6.1 | 7.0 | 7.9 |
| Fuel Oil | 16.7 | 22.0 | 29.9 | 32.2 | 48.0 | 6.9 | 10.9 | 11.1 | 11.4 | 13.5 |
| District Heat | 15.5 | 32.5 | 35.3 | 27.9 | 25.1 | 9.9 | 16.6 | 18.9 | 21.1 | 21.2 |
| District Chilled Water | 27.2 | 30.4 | 49.8 | 52.5 | 33.1 | 12.1 | 25.2 | 26.1 | 20.1 | 18.2 |
| Propane | 15.0 | 17.3 | 29.5 | 29.2 | 44.3 | 10.9 | 14.8 | 23.2 | 23.6 | 31.3 |
| Other | 18.8 | 25.0 | 31.6 | 29.3 | 54.0 | 14.0 | 31.4 | 32.5 | 16.8 | 25.5 |
| Energy End Uses (more than one may apply) | | | | | | | | | | |
| Buildings with Space Heating | 4.2 | 8.4 | 9.8 | 6.3 | 10.4 | 3.5 | 7.8 | 5.3 | 5.2 | 6.2 |
| Buildings with Cooling | 3.9 | 10.0 | 9.5 | 5.4 | 8.7 | 3.8 | 8.5 | 6.0 | 5.5 | 6.5 |
| Buildings with Water Heating | 4.4 | 7.5 | 11.1 | 6.2 | 9.1 | 3.7 | 7.5 | 5.0 | 5.8 | 6.4 |
| Buildings with Cooking | 5.8 | 10.5 | 17.3 | 8.8 | 14.5 | 4.4 | 9.6 | 7.9 | 7.7 | 9.1 |
| Buildings with Manufacturing | 16.7 | 49.6 | 42.4 | 21.9 | 39.7 | 12.7 | 28.8 | 26.0 | 14.0 | 31.8 |
| Buildings with Electricity Generation | 14.2 | 33.7 | 27.8 | 22.5 | 23.9 | 7.4 | 15.3 | 12.1 | 10.2 | 13.6 |
| Percent of Floorspace Heated | | | | | | | | | | |
| Not Heated | 10.5 | 25.7 | 24.7 | 14.9 | 24.8 | 11.3 | 32.0 | 22.1 | 16.5 | 16.3 |
| 1 to 50 | 10.9 | 27.4 | 18.1 | 14.3 | 22.4 | 8.0 | 22.0 | 16.8 | 9.5 | 17.6 |
| 51 to 99 | 8.2 | 22.9 | 15.8 | 13.6 | 13.9 | 7.1 | 16.2 | 17.6 | 9.9 | 15.4 |
| 100 | 4.8 | 7.4 | 12.7 | 6.8 | 13.7 | 4.0 | 8.5 | 6.3 | 6.4 | 9.9 |
| Percent of Floorspace Cooled | | | | | | | | | | |
| Not Cooled | 10.4 | 20.1 | 21.3 | 17.5 | 20.7 | 8.8 | 22.9 | 18.2 | 12.3 | 14.9 |
| 1 to 50 | 9.1 | 23.9 | 10.8 | 14.8 | 18.3 | 6.9 | 15.2 | 9.1 | 11.5 | 14.6 |
| 51 to 99 | 6.9 | 17.3 | 12.0 | 11.4 | 15.5 | 4.5 | 10.8 | 7.4 | 7.7 | 12.2 |
| 100 | 4.5 | 15.2 | 14.0 | 7.7 | 9.0 | 5.2 | 14.5 | 8.8 | 7.6 | 7.0 |
| Percent Lit When Open | | | | | | | | | | |
| Zero | 49.1 | 68.6 | 61.7 | 77.3 | 62.9 | 32.5 | 68.9 | 58.8 | 45.6 | 68.5 |
| 1 to 50 | 9.0 | 29.9 | 16.7 | 13.6 | 18.8 | 8.1 | 19.1 | 14.3 | 11.5 | 16.8 |
| 51 to 99 | 6.4 | 12.7 | 14.3 | 10.3 | 10.8 | 4.9 | 8.4 | 9.5 | 7.4 | 9.8 |
| 100 | 5.8 | 15.2 | 11.2 | 8.8 | 14.5 | 4.2 | 12.2 | 6.4 | 6.8 | 7.1 |
| Building Never Open/ Electricity Not Used | 13.0 | 37.2 | 22.7 | 17.1 | 26.8 | 12.9 | 42.0 | 16.3 | 21.7 | 16.6 |

RSEs for Table B3. Census Region, Number of Buildings and Floorspace, 1999

| | RSEs for Number of Buildings | | | | | RSEs for Total Floorspace | | | | |
|---|------------------------------|------------|---------|-------|------|---------------------------|------------|---------|-------|------|
| | All Buildings | North-east | Midwest | South | West | All Buildings | North-east | Midwest | South | West |
| Heating Equipment (more than one may apply) | | | | | | | | | | |
| Heat Pumps | 10.5 | 26.3 | 24.7 | 12.4 | 28.8 | 6.3 | 15.8 | 18.1 | 7.7 | 12.1 |
| Furnaces | 7.4 | 16.8 | 13.0 | 12.8 | 17.7 | 5.5 | 14.5 | 9.1 | 10.2 | 13.5 |
| Individual Space Heaters | 6.7 | 18.9 | 19.5 | 11.6 | 12.0 | 5.0 | 16.3 | 9.8 | 5.5 | 9.9 |
| District Heat | 16.5 | 32.4 | 34.6 | 30.9 | 24.6 | 9.9 | 16.4 | 18.9 | 20.8 | 21.8 |
| Boilers | 7.9 | 10.6 | 17.2 | 17.9 | 18.9 | 5.6 | 10.0 | 8.7 | 7.9 | 11.9 |
| Packaged Heating Units | 6.3 | 14.0 | 13.0 | 9.7 | 13.0 | 4.8 | 10.3 | 7.9 | 6.7 | 10.6 |
| Other | 15.1 | 37.5 | 26.5 | 27.4 | 32.5 | 7.9 | 24.0 | 20.1 | 15.1 | 14.4 |
| Cooling Equipment (more than one may apply) | | | | | | | | | | |
| Residential-Type Central | | | | | | | | | | |
| Air Conditioners | 10.3 | 21.8 | 15.2 | 17.1 | 30.6 | 6.8 | 11.9 | 9.9 | 13.4 | 18.1 |
| Heat Pumps | 10.4 | 21.4 | 23.9 | 12.1 | 30.0 | 6.5 | 17.1 | 19.8 | 7.1 | 12.3 |
| Individual Air Conditioners | 8.0 | 23.0 | 13.3 | 10.6 | 24.8 | 5.9 | 13.1 | 9.7 | 9.7 | 15.4 |
| District Chilled Water | 27.2 | 30.4 | 49.8 | 52.5 | 33.1 | 12.1 | 25.2 | 26.1 | 20.1 | 18.2 |
| Central Chillers | 14.5 | 17.4 | 18.0 | 28.0 | 24.8 | 6.0 | 12.5 | 8.9 | 12.0 | 11.2 |
| Packaged Air Conditioning | | | | | | | | | | |
| Units | 4.7 | 10.6 | 10.1 | 7.9 | 8.7 | 4.0 | 8.9 | 6.7 | 5.7 | 9.0 |
| Swamp Coolers | 17.0 | 46.1 | 65.2 | 62.8 | 17.3 | 17.5 | 59.8 | 35.3 | 41.4 | 21.3 |
| Other | 29.6 | 79.3 | 52.2 | 50.6 | 54.4 | 16.3 | 36.9 | 30.8 | 19.9 | 27.1 |
| Main Equipment Replaced Since 1995 (more than one may apply) | | | | | | | | | | |
| Heating | 6.8 | 18.1 | 16.0 | 9.3 | 15.7 | 7.6 | 13.5 | 15.7 | 9.2 | 14.4 |
| Cooling | 5.9 | 18.9 | 13.4 | 6.7 | 15.3 | 5.5 | 12.4 | 9.4 | 7.4 | 12.9 |
| Building Shell Conservation Features (more than one may apply) | | | | | | | | | | |
| Multipaned Windows | | | | | | | | | | |
| Tinted, Reflective, or Shading Glass | 6.5 | 11.9 | 11.6 | 9.4 | 16.2 | 4.5 | 8.2 | 6.1 | 7.2 | 9.1 |
| Shading Glass | 5.7 | 12.3 | 14.2 | 7.4 | 11.3 | 4.8 | 10.4 | 7.5 | 6.5 | 8.5 |
| HVAC Conservation Features (more than one may apply) | | | | | | | | | | |
| Variable Air-Volume System | 9.8 | 35.4 | 13.6 | 15.2 | 18.2 | 5.4 | 12.2 | 7.1 | 9.6 | 8.7 |
| Economizer Cycle | 8.2 | 11.7 | 18.8 | 16.2 | 15.2 | 5.2 | 11.3 | 8.2 | 11.3 | 8.1 |
| HVAC Maintenance | 4.8 | 7.7 | 13.0 | 7.3 | 9.1 | 3.9 | 7.7 | 6.7 | 5.9 | 7.1 |
| Energy Management and Control System (EMCS) | 10.3 | 31.0 | 17.0 | 13.8 | 21.6 | 5.4 | 12.0 | 6.3 | 8.6 | 9.5 |
| Lighting Conservation Features (more than one may apply) | | | | | | | | | | |
| Specular Reflectors | 8.8 | 20.5 | 15.8 | 14.6 | 18.9 | 6.0 | 11.5 | 11.6 | 6.8 | 10.7 |
| Electronic Ballasts | 5.3 | 12.6 | 10.7 | 9.4 | 11.4 | 3.9 | 8.0 | 6.7 | 6.3 | 7.0 |
| Skylights or Atriums | 8.6 | 22.0 | 19.9 | 11.7 | 17.7 | 5.8 | 13.1 | 8.4 | 8.8 | 10.2 |

RSEs for Table B4. Census Region and Division, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | | | | | |
|--|------------------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|
| | All Buildings | Northeast | | Midwest | | South | | | West | |
| | | New England | Middle Atlantic | East North Central | West North Central | South Atlantic | East South Central | West South Central | Mountain | Pacific |
| All Buildings | 4.2 | 15.4 | 8.8 | 12.6 | 15.0 | 11.8 | 8.2 | 5.9 | 11.1 | 15.9 |
| Building Floorspace (Square Feet) | | | | | | | | | | |
| 1,001 to 5,000 | 6.8 | 20.9 | 12.0 | 21.3 | 20.0 | 20.2 | 15.9 | 13.7 | 11.3 | 23.5 |
| 5,001 to 10,000 | 6.7 | 30.8 | 18.4 | 17.9 | 30.3 | 9.0 | 25.4 | 18.0 | 23.7 | 18.8 |
| 10,001 to 25,000 | 7.1 | 22.4 | 25.1 | 13.5 | 23.8 | 23.2 | 12.2 | 14.7 | 25.6 | 14.1 |
| 25,001 to 50,000 | 6.9 | 22.2 | 16.0 | 12.0 | 12.3 | 16.4 | 16.5 | 23.5 | 17.0 | 9.1 |
| 50,001 to 100,000 | 10.3 | 16.4 | 25.2 | 13.7 | 19.4 | 17.7 | 22.5 | 17.3 | 19.9 | 16.7 |
| 100,001 to 200,000 | 6.3 | 19.9 | 12.0 | 10.9 | 19.1 | 13.4 | 23.0 | 22.6 | 18.3 | 21.4 |
| 200,001 to 500,000 | 6.5 | 37.8 | 17.6 | 16.5 | 21.7 | 14.8 | 32.6 | 21.5 | 23.2 | 13.5 |
| Over 500,000 | 10.7 | 56.4 | 19.1 | 25.8 | 27.3 | 21.1 | 34.5 | 48.8 | 52.8 | 29.4 |
| Principal Building Activity | | | | | | | | | | |
| Education | 12.3 | 19.8 | 13.9 | 25.2 | 25.1 | 33.9 | 45.6 | 22.0 | 40.2 | 25.1 |
| Food Sales | 17.2 | 99.7 | 38.3 | 57.7 | 69.5 | 46.6 | 39.8 | 53.3 | 64.7 | 66.0 |
| Food Service | 9.3 | 75.7 | 55.6 | 22.9 | 48.9 | 31.4 | 51.6 | 23.9 | 44.3 | 22.3 |
| Health Care | 17.6 | 81.7 | 48.0 | 49.4 | 65.0 | 21.6 | 50.5 | 36.3 | 31.0 | 44.1 |
| Inpatient | 25.6 | 56.2 | 79.5 | 32.2 | 33.4 | 27.8 | 61.7 | 21.5 | 48.4 | 31.7 |
| Outpatient | 19.1 | 89.3 | 61.0 | 52.3 | 69.3 | 22.1 | 59.2 | 39.4 | 36.2 | 49.0 |
| Lodging | 11.4 | 29.2 | 48.0 | 19.4 | 41.8 | 43.0 | 21.7 | 30.7 | 41.6 | 28.3 |
| Mercantile | 9.1 | 70.3 | 21.7 | 21.8 | 34.5 | 21.8 | 18.9 | 30.1 | 9.0 | 20.6 |
| Retail (Other Than Mall) | 10.8 | 79.0 | 28.8 | 23.0 | 37.8 | 27.4 | 29.8 | 37.6 | 7.4 | 27.4 |
| Enclosed and Strip Malls | 17.7 | 33.3 | 48.8 | 50.0 | 34.1 | 30.7 | 58.4 | 47.0 | 36.6 | 32.1 |
| Office | 8.3 | 39.5 | 26.3 | 19.6 | 41.8 | 15.5 | 25.8 | 12.3 | 22.7 | 28.9 |
| Public Assembly | 13.5 | 47.6 | 42.8 | 35.7 | 39.0 | 22.8 | 32.6 | 39.6 | 61.2 | 40.4 |
| Public Order and Safety | 28.1 | 57.2 | 55.5 | 57.6 | 34.9 | 64.2 | 49.0 | 47.2 | 43.6 | 70.1 |
| Religious Worship | 12.1 | 62.9 | 39.5 | 31.7 | 39.2 | 35.0 | 52.6 | 35.4 | 56.9 | 31.2 |
| Service | 12.8 | 45.5 | 42.2 | 33.1 | 20.9 | 32.0 | 35.7 | 18.5 | 43.4 | 48.1 |
| Warehouse and Storage | 12.4 | 9.4 | 31.2 | 34.2 | 46.0 | 22.6 | 24.5 | 31.7 | 34.0 | 37.4 |
| Other | 22.0 | 67.7 | 69.1 | 64.8 | 66.6 | 60.7 | 85.2 | 68.9 | 48.3 | 26.7 |
| Vacant | 14.5 | 83.5 | 53.6 | 26.6 | 53.1 | 48.7 | 97.9 | 49.8 | 35.4 | 55.3 |
| Year Constructed | | | | | | | | | | |
| 1919 or Before | 11.3 | 42.9 | 22.4 | 20.7 | 33.8 | 45.9 | 85.0 | 41.1 | 56.1 | 52.4 |
| 1920 to 1945 | 10.9 | 30.0 | 35.5 | 23.6 | 23.0 | 30.0 | 33.5 | 27.8 | 43.5 | 39.5 |
| 1946 to 1959 | 6.7 | 31.8 | 14.8 | 27.7 | 29.7 | 19.0 | 21.4 | 17.3 | 17.0 | 22.8 |
| 1960 to 1969 | 7.4 | 45.8 | 29.7 | 16.3 | 26.8 | 23.4 | 31.3 | 22.2 | 19.7 | 17.2 |
| 1970 to 1979 | 8.1 | 23.9 | 37.7 | 16.0 | 29.3 | 11.8 | 34.9 | 16.4 | 28.7 | 19.1 |
| 1980 to 1989 | 7.4 | 30.3 | 29.4 | 18.4 | 32.2 | 16.4 | 15.4 | 10.2 | 20.2 | 20.8 |
| 1990 to 1999 | 12.9 | 71.9 | 23.2 | 22.2 | 42.2 | 27.1 | 63.1 | 28.6 | 43.1 | 30.4 |
| Floors | | | | | | | | | | |
| One | 5.4 | 27.6 | 14.2 | 9.5 | 20.0 | 15.8 | 17.0 | 8.2 | 13.2 | 19.7 |
| Two | 7.4 | 22.7 | 15.2 | 28.3 | 32.5 | 12.0 | 10.4 | 24.8 | 21.2 | 18.9 |
| Three | 9.0 | 25.4 | 18.1 | 16.9 | 35.6 | 26.2 | 51.1 | 43.4 | 44.5 | 22.7 |
| Four to Nine | 9.8 | 20.2 | 29.9 | 30.8 | 47.4 | 42.9 | 57.1 | 26.3 | 42.0 | 27.2 |
| Ten or More | 12.7 | 49.1 | 30.6 | 28.2 | 22.6 | 28.8 | 53.2 | 35.3 | 46.2 | 27.8 |
| Workers (main shift) | | | | | | | | | | |
| Fewer than 5 | 6.0 | 27.4 | 24.1 | 17.0 | 17.7 | 16.9 | 9.4 | 12.4 | 10.2 | 25.0 |
| 5 to 9 | 7.9 | 31.5 | 18.1 | 19.0 | 26.1 | 18.6 | 29.7 | 10.2 | 26.4 | 21.6 |
| 10 to 19 | 7.6 | 23.7 | 31.2 | 21.5 | 33.3 | 16.6 | 20.3 | 20.3 | 41.9 | 20.6 |
| 20 to 49 | 9.0 | 22.3 | 22.2 | 28.2 | 32.3 | 21.0 | 18.4 | 24.5 | 22.1 | 17.8 |
| 50 to 99 | 10.7 | 20.6 | 32.3 | 14.2 | 18.4 | 16.9 | 18.8 | 15.9 | 30.9 | 25.8 |
| 100 to 249 | 11.7 | 17.4 | 17.6 | 35.6 | 25.9 | 18.5 | 32.5 | 45.1 | 18.6 | 12.9 |
| 250 or More | 8.6 | 25.3 | 18.6 | 20.8 | 20.9 | 15.1 | 12.3 | 32.2 | 21.8 | 16.6 |

RSEs for Table B4. Census Region and Division, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | | | | | |
|--|------------------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|
| | All Buildings | Northeast | | Midwest | | South | | | West | |
| | | New England | Middle Atlantic | East North Central | West North Central | South Atlantic | East South Central | West South Central | Mountain | Pacific |
| Weekly Operating Hours | | | | | | | | | | |
| 39 or Fewer | 10.3 | 57.7 | 38.6 | 26.9 | 36.5 | 11.8 | 27.8 | 19.7 | 18.9 | 39.9 |
| 40 to 48 | 5.9 | 33.9 | 21.1 | 14.1 | 22.5 | 18.6 | 17.5 | 10.5 | 22.0 | 22.6 |
| 49 to 60 | 8.2 | 22.6 | 24.8 | 16.5 | 19.1 | 24.5 | 17.5 | 16.3 | 35.7 | 21.5 |
| 61 to 84 | 9.6 | 46.3 | 25.5 | 24.9 | 24.9 | 25.5 | 35.0 | 19.5 | 42.9 | 19.5 |
| 85 to 167 | 7.7 | 44.5 | 28.4 | 22.5 | 26.6 | 16.6 | 29.0 | 22.1 | 33.6 | 20.3 |
| Open Continuously | 10.4 | 31.9 | 28.7 | 28.7 | 40.4 | 30.6 | 34.7 | 17.7 | 47.4 | 23.2 |
| Ownership and Occupancy | | | | | | | | | | |
| Nongovernment Owned | 4.5 | 16.4 | 9.2 | 13.0 | 16.3 | 11.6 | 7.9 | 6.3 | 13.3 | 16.9 |
| Owner Occupied | 5.4 | 15.8 | 11.8 | 15.5 | 14.0 | 15.7 | 8.4 | 7.9 | 24.8 | 17.0 |
| Nonowner Occupied | 5.8 | 24.5 | 16.0 | 17.0 | 23.8 | 16.2 | 17.2 | 13.8 | 20.2 | 18.7 |
| Unoccupied | 17.1 | 60.0 | 51.2 | 25.0 | 61.4 | 47.3 | 95.4 | 45.4 | 21.7 | 87.9 |
| Government Owned | 9.0 | 34.8 | 14.5 | 10.7 | 30.5 | 26.2 | 16.4 | 19.7 | 16.0 | 24.5 |
| Vacancy Status | | | | | | | | | | |
| Completely Vacant | 20.7 | 71.3 | 100.1 | 32.8 | 77.6 | 50.8 | 100.6 | 54.8 | 47.7 | 67.0 |
| Mostly Vacant | 22.9 | 92.9 | 52.9 | 46.8 | 72.8 | 41.8 | 98.5 | 91.8 | 22.8 | 56.8 |
| Partially Vacant | 7.3 | 25.6 | 37.6 | 14.0 | 41.2 | 24.0 | 25.1 | 15.2 | 34.0 | 15.8 |
| Not At All Vacant | 4.4 | 15.8 | 9.3 | 13.4 | 15.3 | 15.1 | 9.5 | 8.6 | 13.5 | 17.3 |
| Number of Establishments | | | | | | | | | | |
| One | 4.7 | 15.7 | 10.6 | 15.7 | 14.7 | 14.0 | 12.1 | 8.0 | 17.9 | 16.1 |
| 2 to 5 | 9.4 | 38.2 | 24.0 | 15.8 | 26.8 | 19.8 | 28.6 | 22.3 | 28.2 | 30.3 |
| 6 to 10 | 15.0 | 41.4 | 45.7 | 38.7 | 71.5 | 39.4 | 6.0 | 30.7 | 28.5 | 28.8 |
| 11 to 20 | 16.8 | 22.8 | 25.2 | 22.6 | 32.6 | 20.5 | 35.4 | 29.7 | 39.8 | 45.9 |
| More than 20 | 25.4 | 51.6 | 63.7 | 38.5 | 41.5 | 26.2 | 44.7 | 23.7 | 85.9 | 23.6 |
| Currently Unoccupied | 16.4 | 81.1 | 49.6 | 24.8 | 60.6 | 47.2 | 95.4 | 42.7 | 22.0 | 86.8 |
| Energy Sources (more than one may apply) | | | | | | | | | | |
| Electricity | 4.1 | 14.3 | 8.2 | 13.0 | 15.3 | 11.7 | 9.9 | 6.1 | 13.5 | 14.8 |
| Natural Gas | 4.8 | 29.5 | 13.2 | 15.1 | 14.1 | 19.3 | 12.1 | 9.5 | 12.3 | 13.3 |
| Fuel Oil | 16.7 | 23.3 | 28.6 | 41.1 | 43.1 | 43.7 | 47.1 | 48.6 | 60.9 | 64.4 |
| District Heat | 15.5 | 34.1 | 34.4 | 47.8 | 51.3 | 50.9 | 74.2 | 37.0 | 47.3 | 28.8 |
| District Chilled Water | 27.2 | 54.5 | 36.1 | 40.9 | 59.4 | 29.7 | 56.9 | 70.7 | 68.8 | 22.0 |
| Propane | 15.0 | 24.3 | 20.4 | 43.9 | 36.4 | 45.1 | 54.5 | 47.5 | 46.1 | 51.5 |
| Other | 18.8 | 51.7 | 26.4 | 39.6 | 52.2 | 52.3 | 50.7 | 44.2 | 55.0 | 67.8 |
| Energy End Uses (more than one may apply) | | | | | | | | | | |
| Buildings with Space Heating | 4.2 | 15.4 | 8.6 | 13.0 | 13.6 | 13.3 | 9.6 | 7.8 | 12.1 | 15.2 |
| Buildings with Cooling | 3.9 | 16.3 | 9.8 | 11.7 | 15.6 | 10.9 | 11.2 | 6.4 | 14.0 | 11.2 |
| Buildings with Water Heating | 4.4 | 18.2 | 7.0 | 13.7 | 17.7 | 11.0 | 13.0 | 7.7 | 15.2 | 13.1 |
| Buildings with Cooking | 5.8 | 18.5 | 14.3 | 20.4 | 28.8 | 10.1 | 25.8 | 13.9 | 26.3 | 17.0 |
| Buildings with Manufacturing | 16.7 | 65.9 | 70.9 | 52.4 | 49.2 | 43.1 | 43.6 | 31.6 | 52.4 | 47.4 |
| Buildings with Electricity Generation | 14.2 | 22.5 | 40.9 | 34.7 | 46.0 | 30.0 | 24.0 | 43.8 | 47.1 | 15.7 |
| Percent of Floorspace Heated | | | | | | | | | | |
| Not Heated | 10.5 | 34.0 | 35.4 | 25.2 | 57.0 | 21.4 | 42.9 | 25.1 | 15.8 | 33.0 |
| 1 to 50 | 10.9 | 58.2 | 30.6 | 20.8 | 39.2 | 27.7 | 25.4 | 23.1 | 29.8 | 27.9 |
| 51 to 99 | 8.2 | 36.9 | 30.2 | 22.8 | 17.4 | 22.1 | 17.9 | 23.5 | 21.3 | 17.6 |
| 100 | 4.8 | 16.3 | 7.9 | 17.8 | 14.9 | 12.6 | 15.6 | 9.2 | 17.2 | 19.6 |
| Percent of Floorspace Cooled | | | | | | | | | | |
| Not Cooled | 10.4 | 32.3 | 25.0 | 28.2 | 28.5 | 36.7 | 25.3 | 18.4 | 16.4 | 30.7 |
| 1 to 50 | 9.1 | 38.4 | 25.0 | 12.8 | 22.2 | 24.0 | 31.3 | 25.4 | 27.3 | 22.7 |
| 51 to 99 | 6.9 | 33.0 | 19.7 | 13.7 | 19.2 | 16.9 | 26.9 | 19.6 | 25.1 | 16.3 |
| 100 | 4.5 | 34.0 | 18.8 | 16.5 | 22.7 | 13.0 | 17.7 | 11.6 | 12.0 | 12.7 |

RSEs for Table B4. Census Region and Division, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | | | | | |
|---|------------------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|
| | All Buildings | Northeast | | Midwest | | South | | | West | |
| | | New England | Middle Atlantic | East North Central | West North Central | South Atlantic | East South Central | West South Central | Mountain | Pacific |
| Percent Lit When Open | | | | | | | | | | |
| Zero | 49.1 | 100.1 | 91.6 | 61.7 | 0.0 | 90.0 | 46.8 | 80.6 | 80.7 | 100.1 |
| 1 to 50 | 9.0 | 43.6 | 38.9 | 19.7 | 21.3 | 17.9 | 32.7 | 21.5 | 26.5 | 25.6 |
| 51 to 99 | 6.4 | 22.6 | 15.3 | 20.4 | 16.8 | 13.7 | 16.7 | 18.4 | 18.8 | 13.3 |
| 100 | 5.8 | 17.5 | 19.2 | 13.4 | 19.3 | 16.5 | 13.9 | 15.2 | 19.9 | 19.3 |
| Building Never Open/ Electricity Not Used | 13.0 | 63.5 | 46.4 | 24.3 | 49.4 | 22.8 | 60.8 | 45.3 | 22.1 | 52.4 |
| Heating Equipment (more than one may apply) | | | | | | | | | | |
| Heat Pumps | 10.5 | 33.1 | 33.0 | 34.5 | 33.3 | 20.2 | 14.3 | 23.0 | 31.4 | 32.9 |
| Furnaces | 7.4 | 25.5 | 22.7 | 17.0 | 18.9 | 36.6 | 22.2 | 13.2 | 28.3 | 25.1 |
| Individual Space Heaters | 6.7 | 44.9 | 12.9 | 26.2 | 26.3 | 26.2 | 19.4 | 12.6 | 16.3 | 19.6 |
| District Heat | 16.5 | 34.1 | 34.2 | 33.7 | 51.3 | 37.1 | 61.2 | 39.3 | 36.6 | 31.3 |
| Boilers | 7.9 | 11.5 | 14.9 | 16.4 | 36.2 | 25.4 | 39.8 | 25.0 | 28.5 | 23.6 |
| Packaged Heating Units | 6.3 | 27.0 | 14.8 | 13.9 | 24.1 | 21.8 | 13.3 | 12.3 | 22.9 | 17.3 |
| Other | 15.1 | 21.2 | 41.3 | 30.8 | 50.3 | 40.8 | 46.6 | 48.9 | 31.0 | 44.6 |
| Cooling Equipment (more than one may apply) | | | | | | | | | | |
| Residential-Type Central | | | | | | | | | | |
| Air Conditioners | 10.3 | 61.8 | 23.0 | 20.2 | 22.0 | 31.9 | 38.0 | 22.8 | 45.3 | 40.4 |
| Heat Pumps | 10.4 | 36.7 | 25.7 | 23.3 | 32.5 | 19.9 | 12.0 | 23.3 | 35.6 | 35.2 |
| Individual Air Conditioners | 8.0 | 22.1 | 28.3 | 17.1 | 23.6 | 15.2 | 28.9 | 16.4 | 38.8 | 30.2 |
| District Chilled Water | 27.2 | 54.5 | 36.1 | 40.9 | 59.4 | 29.7 | 56.9 | 70.7 | 68.8 | 22.0 |
| Central Chillers | 14.5 | 23.1 | 22.4 | 17.5 | 37.2 | 44.0 | 30.8 | 31.2 | 48.4 | 25.8 |
| Packaged Air Conditioning | | | | | | | | | | |
| Units | 4.7 | 20.9 | 11.1 | 11.4 | 17.8 | 17.0 | 16.4 | 9.7 | 15.6 | 12.0 |
| Swamp Coolers | 17.0 | 65.0 | 58.3 | 80.5 | 55.7 | 78.0 | 81.0 | 79.8 | 26.2 | 15.3 |
| Other | 29.6 | 85.0 | 50.3 | 55.6 | 54.0 | 32.3 | 32.0 | 78.9 | 60.5 | 74.3 |
| Main Equipment Replaced Since 1995 (more than one may apply) | | | | | | | | | | |
| Heating | 6.8 | 61.2 | 10.9 | 18.3 | 30.3 | 15.4 | 14.5 | 16.4 | 37.9 | 16.6 |
| Cooling | 5.9 | 44.3 | 19.2 | 16.0 | 21.0 | 12.6 | 14.6 | 9.1 | 26.7 | 18.5 |
| Building Shell Conservation Features (more than one may apply) | | | | | | | | | | |
| Multipaned Windows | 6.5 | 19.9 | 12.3 | 14.5 | 19.6 | 17.3 | 11.5 | 13.9 | 15.0 | 24.0 |
| Tinted, Reflective, or Shading Glass | 5.7 | 39.6 | 12.0 | 19.5 | 22.0 | 14.5 | 17.3 | 9.4 | 17.7 | 15.9 |
| HVAC Conservation Features (more than one may apply) | | | | | | | | | | |
| Variable Air-Volume System | 9.8 | 38.9 | 39.9 | 14.5 | 28.4 | 24.8 | 30.6 | 17.0 | 33.6 | 20.6 |
| Economizer Cycle | 8.2 | 23.4 | 14.4 | 19.9 | 25.9 | 18.4 | 43.8 | 26.0 | 26.1 | 19.2 |
| HVAC Maintenance | 4.8 | 19.9 | 7.9 | 18.1 | 16.9 | 14.3 | 11.4 | 11.2 | 14.0 | 13.3 |
| Energy Management and Control System (EMCS) | 10.3 | 30.7 | 39.0 | 18.2 | 30.6 | 17.4 | 40.3 | 20.4 | 20.2 | 27.7 |
| Lighting Conservation Features (more than one may apply) | | | | | | | | | | |
| Specular Reflectors | 8.8 | 40.1 | 20.0 | 18.0 | 31.8 | 26.2 | 21.5 | 20.0 | 32.9 | 21.6 |
| Electronic Ballasts | 5.3 | 22.1 | 13.4 | 13.5 | 17.0 | 19.0 | 14.5 | 10.4 | 22.7 | 14.3 |
| Skylights or Atriums | 8.6 | 37.1 | 23.6 | 16.2 | 50.0 | 6.7 | 23.9 | 25.6 | 39.2 | 21.9 |

RSEs for Table B5. Census Region and Division, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | | | | | |
|--|---------------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|
| | All Buildings | Northeast | | Midwest | | South | | | West | |
| | | New England | Middle Atlantic | East North Central | West North Central | South Atlantic | East South Central | West South Central | Mountain | Pacific |
| All Buildings | 3.5 | 9.4 | 9.5 | 5.3 | 9.4 | 9.1 | 8.6 | 7.4 | 10.8 | 7.6 |
| Building Floorspace (Square Feet) | | | | | | | | | | |
| 1,001 to 5,000 | 6.1 | 27.2 | 16.3 | 20.8 | 20.5 | 15.7 | 23.5 | 13.2 | 11.2 | 18.4 |
| 5,001 to 10,000 | 7.1 | 24.6 | 18.7 | 17.9 | 31.4 | 10.2 | 26.8 | 21.4 | 24.2 | 17.9 |
| 10,001 to 25,000 | 6.8 | 20.5 | 24.5 | 11.3 | 24.4 | 21.7 | 11.2 | 16.4 | 26.1 | 15.3 |
| 25,001 to 50,000 | 6.8 | 21.4 | 14.7 | 12.5 | 13.9 | 15.5 | 17.7 | 24.3 | 16.2 | 9.0 |
| 50,001 to 100,000 | 10.2 | 16.8 | 24.2 | 14.2 | 20.1 | 18.3 | 21.6 | 17.6 | 19.9 | 16.1 |
| 100,001 to 200,000 | 6.4 | 21.0 | 11.3 | 12.2 | 19.2 | 15.3 | 22.2 | 20.8 | 16.5 | 22.5 |
| 200,001 to 500,000 | 6.6 | 33.5 | 17.3 | 16.1 | 22.0 | 16.1 | 33.4 | 19.9 | 23.7 | 12.9 |
| Over 500,000 | 11.1 | 59.6 | 18.0 | 24.0 | 25.3 | 18.3 | 33.5 | 42.3 | 48.9 | 31.9 |
| Principal Building Activity | | | | | | | | | | |
| Education | 6.2 | 20.3 | 19.4 | 17.7 | 18.5 | 16.8 | 30.1 | 10.9 | 33.0 | 13.2 |
| Food Sales | 16.0 | 99.7 | 51.9 | 61.7 | 54.3 | 15.1 | 27.7 | 32.4 | 45.0 | 33.1 |
| Food Service | 9.7 | 70.6 | 48.0 | 19.8 | 59.8 | 31.4 | 35.6 | 29.1 | 44.4 | 17.9 |
| Health Care | 7.6 | 23.9 | 16.9 | 19.4 | 20.7 | 18.8 | 22.6 | 13.0 | 34.1 | 22.5 |
| Inpatient | 9.9 | 25.8 | 17.4 | 27.6 | 25.6 | 33.0 | 29.5 | 14.5 | 39.4 | 30.4 |
| Outpatient | 10.3 | 42.1 | 54.2 | 23.1 | 38.9 | 24.0 | 41.5 | 31.7 | 51.8 | 32.4 |
| Lodging | 11.0 | 24.6 | 23.2 | 17.9 | 35.4 | 27.9 | 32.6 | 22.3 | 35.0 | 30.3 |
| Mercantile | 8.8 | 32.0 | 21.0 | 22.8 | 23.1 | 15.3 | 22.2 | 16.5 | 24.2 | 16.9 |
| Retail (Other Than Mall) | 10.7 | 58.2 | 22.2 | 25.7 | 40.1 | 19.0 | 35.3 | 15.2 | 20.3 | 26.8 |
| Enclosed and Strip Malls | 10.3 | 29.8 | 27.9 | 29.9 | 21.3 | 23.3 | 42.4 | 25.4 | 38.0 | 18.1 |
| Office | 6.9 | 27.4 | 13.3 | 14.7 | 28.7 | 13.4 | 17.1 | 22.3 | 13.7 | 14.9 |
| Public Assembly | 10.8 | 34.5 | 28.8 | 21.9 | 21.3 | 14.9 | 32.6 | 21.6 | 22.3 | 50.0 |
| Public Order and Safety | 22.2 | 43.6 | 49.1 | 31.7 | 28.5 | 35.1 | 34.2 | 44.4 | 47.1 | 40.1 |
| Religious Worship | 12.0 | 38.1 | 35.9 | 21.6 | 42.9 | 19.0 | 50.1 | 40.5 | 56.4 | 17.9 |
| Service | 11.8 | 42.7 | 45.3 | 21.4 | 23.6 | 32.9 | 40.9 | 23.9 | 38.3 | 36.2 |
| Warehouse and Storage | 9.4 | 30.6 | 25.6 | 16.2 | 14.3 | 21.4 | 17.9 | 27.2 | 37.9 | 28.7 |
| Other | 13.6 | 54.7 | 41.5 | 42.3 | 79.7 | 42.4 | 52.2 | 51.2 | 46.3 | 30.8 |
| Vacant | 12.2 | 50.5 | 44.1 | 20.4 | 27.7 | 43.6 | 64.6 | 51.2 | 14.0 | 30.8 |
| Year Constructed | | | | | | | | | | |
| 1919 or Before | 7.2 | 22.0 | 22.2 | 14.1 | 35.6 | 32.7 | 44.8 | 38.0 | 39.0 | 36.1 |
| 1920 to 1945 | 9.0 | 23.6 | 27.6 | 15.7 | 26.5 | 31.2 | 44.1 | 25.4 | 25.8 | 23.1 |
| 1946 to 1959 | 7.7 | 22.9 | 17.9 | 17.8 | 23.1 | 19.1 | 29.3 | 17.5 | 19.8 | 22.6 |
| 1960 to 1969 | 6.2 | 30.3 | 14.0 | 11.6 | 20.6 | 16.2 | 33.6 | 14.2 | 21.4 | 11.7 |
| 1970 to 1979 | 5.8 | 39.3 | 19.6 | 12.9 | 15.4 | 8.7 | 19.3 | 13.5 | 27.9 | 13.5 |
| 1980 to 1989 | 6.1 | 28.8 | 24.9 | 15.6 | 26.2 | 16.7 | 17.1 | 13.5 | 16.6 | 15.1 |
| 1990 to 1999 | 6.3 | 30.7 | 14.9 | 14.7 | 22.5 | 18.5 | 26.0 | 14.9 | 17.5 | 14.0 |
| Floors | | | | | | | | | | |
| One | 4.9 | 26.0 | 11.8 | 6.7 | 12.1 | 14.7 | 16.2 | 8.3 | 20.4 | 12.7 |
| Two | 6.1 | 17.5 | 15.9 | 15.4 | 18.5 | 10.0 | 14.7 | 17.7 | 19.0 | 17.6 |
| Three | 7.4 | 21.6 | 23.0 | 7.4 | 22.7 | 15.6 | 41.3 | 30.8 | 26.4 | 20.6 |
| Four to Nine | 5.7 | 27.4 | 18.8 | 15.7 | 19.6 | 15.5 | 50.5 | 34.1 | 28.8 | 13.7 |
| Ten or More | 10.7 | 63.9 | 20.2 | 16.8 | 35.0 | 20.8 | 45.5 | 32.7 | 48.9 | 32.2 |
| Workers (main shift) | | | | | | | | | | |
| Fewer than 5 | 6.3 | 27.9 | 26.0 | 13.2 | 19.8 | 17.3 | 7.1 | 14.2 | 21.7 | 18.1 |
| 5 to 9 | 7.6 | 16.3 | 27.1 | 11.8 | 21.9 | 15.1 | 29.6 | 13.4 | 18.6 | 18.3 |
| 10 to 19 | 6.7 | 26.5 | 24.0 | 21.9 | 26.0 | 14.0 | 19.5 | 22.0 | 36.8 | 14.9 |
| 20 to 49 | 6.6 | 18.3 | 17.6 | 15.0 | 22.7 | 11.8 | 12.4 | 17.4 | 16.7 | 12.4 |
| 50 to 99 | 8.9 | 29.0 | 19.5 | 15.6 | 14.8 | 18.5 | 14.1 | 9.8 | 29.1 | 17.1 |
| 100 to 249 | 7.2 | 16.9 | 17.5 | 18.5 | 23.9 | 17.1 | 26.7 | 13.3 | 18.2 | 16.9 |
| 250 or More | 6.3 | 29.0 | 12.4 | 14.0 | 11.9 | 13.5 | 9.9 | 29.6 | 21.6 | 15.3 |

RSEs for Table B5. Census Region and Division, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | | | | | |
|--|---------------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|
| | All Buildings | Northeast | | Midwest | | South | | | West | |
| | | New England | Middle Atlantic | East North Central | West North Central | South Atlantic | East South Central | West South Central | Mountain | Pacific |
| Weekly Operating Hours | | | | | | | | | | |
| 39 or Fewer | 9.8 | 40.6 | 37.9 | 19.2 | 33.2 | 16.8 | 34.0 | 27.1 | 18.5 | 21.6 |
| 40 to 48 | 6.1 | 26.7 | 23.3 | 11.5 | 16.6 | 15.3 | 22.8 | 11.3 | 20.6 | 15.0 |
| 49 to 60 | 6.1 | 19.1 | 16.4 | 11.2 | 16.5 | 13.8 | 14.3 | 14.9 | 20.4 | 12.1 |
| 61 to 84 | 6.1 | 27.1 | 18.0 | 9.7 | 16.9 | 12.5 | 21.7 | 9.3 | 24.0 | 12.8 |
| 85 to 167 | 7.0 | 24.3 | 18.8 | 15.9 | 21.7 | 17.9 | 25.6 | 17.1 | 24.3 | 14.9 |
| Open Continuously | 5.0 | 14.3 | 12.9 | 8.4 | 19.1 | 16.3 | 15.3 | 17.5 | 19.6 | 17.0 |
| Ownership and Occupancy | | | | | | | | | | |
| Nongovernment Owned | 4.2 | 12.1 | 10.6 | 6.1 | 13.6 | 9.2 | 7.1 | 7.6 | 12.5 | 9.4 |
| Owner Occupied | 4.5 | 16.8 | 13.3 | 7.3 | 13.6 | 8.3 | 6.3 | 11.0 | 17.4 | 8.9 |
| Nonowner Occupied | 6.4 | 19.0 | 18.4 | 11.9 | 21.5 | 13.8 | 20.2 | 15.4 | 13.6 | 12.9 |
| Unoccupied | 14.6 | 79.3 | 41.1 | 24.2 | 44.9 | 47.4 | 68.7 | 34.1 | 8.8 | 36.6 |
| Government Owned | 4.6 | 18.5 | 14.4 | 13.6 | 20.5 | 14.1 | 19.6 | 18.2 | 12.4 | 11.5 |
| Vacancy Status | | | | | | | | | | |
| Completely Vacant | 14.5 | 84.7 | 100.1 | 25.0 | 40.1 | 50.6 | 100.6 | 40.8 | 15.8 | 34.4 |
| Mostly Vacant | 20.0 | 69.3 | 43.0 | 37.4 | 37.1 | 34.6 | 70.6 | 74.7 | 30.3 | 45.9 |
| Partially Vacant | 6.2 | 31.2 | 14.1 | 8.6 | 13.8 | 14.1 | 21.6 | 16.8 | 23.5 | 10.2 |
| Not At All Vacant | 3.4 | 10.1 | 10.7 | 4.9 | 11.8 | 10.1 | 7.3 | 5.5 | 13.7 | 8.6 |
| Number of Establishments | | | | | | | | | | |
| One | 3.5 | 9.7 | 10.1 | 5.3 | 12.6 | 8.1 | 10.2 | 7.6 | 14.0 | 9.2 |
| 2 to 5 | 6.5 | 20.6 | 19.9 | 12.4 | 24.7 | 17.1 | 14.0 | 17.6 | 23.6 | 20.1 |
| 6 to 10 | 10.1 | 43.8 | 27.1 | 24.7 | 32.4 | 27.8 | 14.5 | 33.8 | 36.3 | 20.2 |
| 11 to 20 | 12.1 | 44.5 | 25.9 | 22.4 | 28.5 | 21.9 | 18.5 | 23.4 | 35.8 | 34.6 |
| More than 20 | 10.2 | 47.8 | 23.4 | 21.0 | 18.6 | 18.6 | 49.6 | 20.1 | 33.0 | 22.1 |
| Currently Unoccupied | 13.5 | 61.9 | 42.0 | 22.6 | 41.1 | 46.5 | 68.7 | 32.3 | 9.7 | 36.0 |
| Energy Sources (more than one may apply) | | | | | | | | | | |
| Electricity | 3.5 | 9.5 | 9.4 | 5.5 | 9.7 | 9.4 | 8.8 | 7.0 | 12.0 | 7.5 |
| Natural Gas | 3.9 | 19.2 | 7.5 | 6.6 | 11.0 | 13.8 | 12.7 | 7.0 | 15.1 | 8.9 |
| Fuel Oil | 6.9 | 15.0 | 13.3 | 16.6 | 14.5 | 14.6 | 28.9 | 14.7 | 19.2 | 17.5 |
| District Heat | 9.9 | 28.9 | 17.5 | 28.0 | 29.7 | 21.3 | 50.3 | 35.8 | 46.7 | 21.8 |
| District Chilled Water | 12.1 | 45.6 | 29.6 | 36.6 | 36.6 | 21.9 | 43.3 | 33.7 | 43.7 | 22.3 |
| Propane | 10.9 | 18.8 | 24.7 | 27.8 | 38.7 | 30.2 | 49.5 | 32.3 | 35.4 | 35.1 |
| Other | 14.0 | 51.8 | 33.5 | 29.7 | 51.5 | 24.8 | 27.4 | 34.6 | 38.9 | 30.9 |
| Energy End Uses (more than one may apply) | | | | | | | | | | |
| Buildings with Space Heating | 3.5 | 9.9 | 9.5 | 5.6 | 9.6 | 9.7 | 7.6 | 6.4 | 11.4 | 7.6 |
| Buildings with Cooling | 3.8 | 13.1 | 9.7 | 7.1 | 9.5 | 9.6 | 9.6 | 7.1 | 13.8 | 6.9 |
| Buildings with Water Heating | 3.7 | 12.1 | 9.0 | 5.0 | 10.7 | 9.9 | 9.9 | 7.6 | 12.7 | 7.8 |
| Buildings with Cooking | 4.4 | 16.6 | 11.3 | 8.7 | 15.5 | 11.0 | 19.1 | 12.6 | 15.4 | 11.1 |
| Buildings with Manufacturing | 12.7 | 43.3 | 37.2 | 30.6 | 47.4 | 26.0 | 15.2 | 26.3 | 50.9 | 37.1 |
| Buildings with Electricity Generation | 7.4 | 33.6 | 14.4 | 17.5 | 16.6 | 13.0 | 28.5 | 13.6 | 17.4 | 18.2 |
| Percent of Floorspace Heated | | | | | | | | | | |
| Not Heated | 11.3 | 39.0 | 40.8 | 25.3 | 39.8 | 23.7 | 48.7 | 25.7 | 12.0 | 22.0 |
| 1 to 50 | 8.0 | 37.9 | 26.6 | 17.7 | 40.5 | 19.5 | 17.7 | 16.4 | 35.9 | 19.9 |
| 51 to 99 | 7.1 | 25.2 | 21.0 | 22.5 | 24.9 | 14.1 | 22.1 | 15.2 | 25.7 | 17.1 |
| 100 | 4.0 | 13.9 | 9.0 | 6.3 | 11.2 | 12.3 | 9.7 | 6.3 | 11.7 | 14.8 |
| Percent of Floorspace Cooled | | | | | | | | | | |
| Not Cooled | 8.8 | 27.0 | 32.1 | 21.5 | 30.9 | 16.6 | 40.0 | 27.3 | 15.3 | 20.9 |
| 1 to 50 | 6.9 | 20.3 | 17.1 | 11.2 | 15.2 | 17.1 | 21.8 | 19.0 | 28.7 | 16.4 |
| 51 to 99 | 4.5 | 13.1 | 14.8 | 9.6 | 9.2 | 10.4 | 20.6 | 13.3 | 24.2 | 14.1 |
| 100 | 5.2 | 38.9 | 10.1 | 8.4 | 17.9 | 13.9 | 10.4 | 9.7 | 12.7 | 8.7 |

RSEs for Table B5. Census Region and Division, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | | | | | |
|---|---------------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|
| | All Buildings | Northeast | | Midwest | | South | | | West | |
| | | New England | Middle Atlantic | East North Central | West North Central | South Atlantic | East South Central | West South Central | Mountain | Pacific |
| Percent Lit When Open | | | | | | | | | | |
| Zero | 32.5 | 100.1 | 91.6 | 58.8 | 0.0 | 81.3 | 37.8 | 108.3 | 82.0 | 100.1 |
| 1 to 50 | 8.1 | 30.4 | 24.4 | 17.9 | 15.5 | 13.3 | 28.0 | 26.7 | 23.5 | 21.6 |
| 51 to 99 | 4.9 | 14.4 | 10.4 | 12.5 | 16.2 | 11.9 | 16.2 | 10.1 | 20.8 | 10.3 |
| 100 | 4.2 | 22.0 | 12.1 | 6.7 | 11.3 | 10.0 | 9.0 | 14.7 | 12.4 | 9.3 |
| Building Never Open/ Electricity Not Used | 12.9 | 48.8 | 55.2 | 18.6 | 32.8 | 29.3 | 52.0 | 44.4 | 14.2 | 32.0 |
| Heating Equipment (more than one may apply) | | | | | | | | | | |
| Heat Pumps | 6.3 | 37.5 | 14.8 | 24.5 | 26.4 | 10.7 | 15.2 | 13.0 | 23.4 | 13.5 |
| Furnaces | 5.5 | 24.0 | 17.7 | 10.8 | 16.8 | 21.9 | 13.3 | 15.1 | 25.1 | 14.5 |
| Individual Space Heaters | 5.0 | 23.0 | 18.0 | 11.4 | 13.9 | 10.6 | 10.6 | 9.3 | 14.1 | 13.5 |
| District Heat | 9.9 | 28.9 | 17.2 | 28.1 | 29.7 | 24.7 | 30.6 | 32.3 | 51.4 | 23.1 |
| Boilers | 5.6 | 18.9 | 10.1 | 10.2 | 12.5 | 12.8 | 13.8 | 9.7 | 16.7 | 15.5 |
| Packaged Heating Units | 4.8 | 17.0 | 11.1 | 9.8 | 10.6 | 12.4 | 10.1 | 8.1 | 13.1 | 13.9 |
| Other | 7.9 | 36.8 | 30.0 | 23.2 | 36.5 | 20.5 | 29.7 | 27.2 | 13.2 | 21.0 |
| Cooling Equipment (more than one may apply) | | | | | | | | | | |
| Residential-Type Central | | | | | | | | | | |
| Air Conditioners | 6.8 | 22.7 | 13.5 | 11.6 | 16.4 | 21.3 | 29.3 | 17.3 | 18.5 | 29.4 |
| Heat Pumps | 6.5 | 41.0 | 17.9 | 26.0 | 29.3 | 9.6 | 15.0 | 12.6 | 20.2 | 14.3 |
| Individual Air Conditioners | 5.9 | 13.4 | 17.5 | 11.7 | 17.0 | 13.1 | 25.7 | 17.4 | 19.0 | 20.4 |
| District Chilled Water | 12.1 | 45.6 | 29.6 | 36.6 | 36.6 | 21.9 | 43.3 | 33.7 | 43.7 | 22.3 |
| Central Chillers | 6.0 | 31.4 | 11.7 | 10.2 | 15.9 | 19.5 | 11.0 | 19.1 | 16.0 | 15.8 |
| Packaged Air Conditioning | | | | | | | | | | |
| Units | 4.0 | 15.3 | 9.0 | 8.4 | 9.1 | 10.5 | 9.9 | 6.4 | 13.7 | 11.3 |
| Swamp Coolers | 17.5 | 68.4 | 71.1 | 47.8 | 51.7 | 40.6 | 56.4 | 56.2 | 30.4 | 24.9 |
| Other | 16.3 | 51.6 | 46.2 | 34.7 | 47.0 | 28.2 | 28.1 | 42.1 | 41.6 | 36.0 |
| Main Equipment Replaced Since 1995 (more than one may apply) | | | | | | | | | | |
| Heating | 7.6 | 24.6 | 15.3 | 20.2 | 15.7 | 11.5 | 20.8 | 15.1 | 30.0 | 13.1 |
| Cooling | 5.5 | 20.3 | 15.3 | 12.1 | 9.6 | 8.5 | 22.5 | 11.1 | 24.5 | 12.9 |
| Building Shell Conservation Features (more than one may apply) | | | | | | | | | | |
| Multipaned Windows | 4.5 | 12.3 | 9.4 | 6.9 | 9.9 | 12.4 | 5.1 | 14.2 | 11.1 | 12.9 |
| Tinted, Reflective, or Shading Glass | 4.8 | 21.5 | 10.7 | 8.7 | 13.1 | 9.4 | 12.6 | 12.3 | 16.5 | 9.1 |
| HVAC Conservation Features (more than one may apply) | | | | | | | | | | |
| Variable Air-Volume System | 5.4 | 33.0 | 9.7 | 7.6 | 14.6 | 12.3 | 16.8 | 20.9 | 8.8 | 13.1 |
| Economizer Cycle | 5.2 | 24.4 | 11.3 | 9.6 | 12.0 | 13.1 | 13.5 | 27.4 | 8.7 | 11.3 |
| HVAC Maintenance | 3.9 | 12.6 | 9.1 | 7.7 | 10.5 | 9.7 | 10.2 | 9.2 | 11.1 | 9.7 |
| Energy Management and Control System (EMCS) | 5.4 | 29.2 | 7.7 | 7.5 | 12.8 | 10.4 | 12.3 | 19.0 | 7.5 | 14.0 |
| Lighting Conservation Features (more than one may apply) | | | | | | | | | | |
| Specular Reflectors | 6.0 | 27.2 | 9.4 | 14.0 | 20.1 | 9.0 | 17.0 | 13.3 | 13.6 | 13.6 |
| Electronic Ballasts | 3.9 | 11.5 | 8.7 | 6.9 | 12.6 | 9.2 | 13.4 | 10.0 | 14.4 | 7.9 |
| Skylights or Atriums | 5.8 | 27.6 | 12.2 | 10.3 | 15.8 | 10.2 | 18.3 | 18.0 | 17.9 | 13.0 |

RSEs for Table B6. Building Size, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | | | | |
|------------------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------|
| | All Buildings | Building Size | | | | | | | |
| | | 1,001 to 5,000 Square Feet | 5,001 to 10,000 Square Feet | 10,001 to 25,000 Square Feet | 25,001 to 50,000 Square Feet | 50,001 to 100,000 Square Feet | 100,001 to 200,000 Square Feet | 200,001 to 500,000 Square Feet | Over 500,000 Square Feet |
| All Buildings | 4.2 | 6.8 | 6.7 | 7.1 | 6.9 | 10.3 | 6.3 | 6.5 | 10.7 |
| Principal Building Activity | | | | | | | | | |
| Education | 12.3 | 21.2 | 32.0 | 18.5 | 7.4 | 13.9 | 14.3 | 15.4 | 48.8 |
| Food Sales | 17.2 | 19.9 | 49.5 | 51.4 | 21.4 | 26.3 | 56.5 | 0.0 | 0.0 |
| Food Service | 9.3 | 12.2 | 24.5 | 39.1 | 32.6 | 70.7 | 69.6 | 0.0 | 0.0 |
| Health Care | 17.6 | 26.8 | 36.5 | 30.1 | 20.7 | 27.1 | 25.1 | 17.9 | 14.1 |
| Inpatient | 25.6 | 0.0 | 0.0 | 65.2 | 43.4 | 40.7 | 28.8 | 19.5 | 13.8 |
| Outpatient | 19.1 | 26.8 | 36.5 | 24.6 | 21.3 | 36.8 | 41.2 | 42.1 | 100.1 |
| Lodging | 11.4 | 33.0 | 25.6 | 28.3 | 21.7 | 14.0 | 22.8 | 19.4 | 54.7 |
| Mercantile | 9.1 | 14.5 | 20.8 | 15.6 | 19.2 | 25.3 | 13.5 | 19.5 | 19.5 |
| Retail (Other Than Mall) | 10.8 | 15.5 | 25.4 | 19.6 | 22.9 | 30.6 | 16.0 | 37.4 | 100.8 |
| Enclosed and Strip Malls | 17.7 | 71.6 | 35.3 | 27.6 | 22.2 | 27.0 | 16.8 | 24.6 | 19.6 |
| Office | 8.3 | 11.4 | 16.9 | 19.2 | 14.3 | 20.3 | 12.5 | 13.5 | 20.4 |
| Public Assembly | 13.5 | 20.6 | 26.1 | 23.0 | 21.9 | 28.2 | 26.7 | 26.9 | 38.8 |
| Public Order and Safety | 28.1 | 46.8 | 55.2 | 44.0 | 22.4 | 33.0 | 43.2 | 34.2 | 90.3 |
| Religious Worship | 12.1 | 27.1 | 24.9 | 18.7 | 29.9 | 49.1 | 61.7 | 0.0 | 16.5 |
| Service | 12.8 | 17.8 | 20.5 | 30.2 | 36.5 | 45.8 | 82.8 | 54.1 | 62.3 |
| Warehouse and Storage | 12.4 | 19.5 | 20.2 | 19.5 | 12.9 | 24.9 | 18.3 | 22.2 | 18.3 |
| Other | 22.0 | 41.1 | 23.2 | 40.6 | 36.4 | 30.4 | 33.5 | 51.9 | 69.0 |
| Vacant | 14.5 | 20.6 | 28.9 | 44.8 | 23.4 | 36.6 | 40.7 | 42.9 | 63.1 |
| Year Constructed | | | | | | | | | |
| 1919 or Before | 11.3 | 22.5 | 21.4 | 24.4 | 14.8 | 21.4 | 23.8 | 37.9 | 58.3 |
| 1920 to 1945 | 10.9 | 15.6 | 21.2 | 22.3 | 17.3 | 25.0 | 27.3 | 28.3 | 38.6 |
| 1946 to 1959 | 6.7 | 11.2 | 14.1 | 18.9 | 16.1 | 16.9 | 16.6 | 22.1 | 27.9 |
| 1960 to 1969 | 7.4 | 12.8 | 15.1 | 17.1 | 14.0 | 17.2 | 13.8 | 15.3 | 19.2 |
| 1970 to 1979 | 8.1 | 10.7 | 17.5 | 14.3 | 12.1 | 12.3 | 13.0 | 12.4 | 26.8 |
| 1980 to 1989 | 7.4 | 12.2 | 15.6 | 14.1 | 13.5 | 14.3 | 14.1 | 13.6 | 19.2 |
| 1990 to 1999 | 12.9 | 19.7 | 23.1 | 18.2 | 10.6 | 11.4 | 10.5 | 12.4 | 17.7 |
| Floors | | | | | | | | | |
| One | 5.4 | 7.3 | 8.5 | 9.9 | 7.9 | 13.8 | 8.8 | 19.9 | 19.8 |
| Two | 7.4 | 11.9 | 13.6 | 12.1 | 11.6 | 14.1 | 14.3 | 16.5 | 20.9 |
| Three | 9.0 | 22.0 | 20.9 | 13.4 | 12.4 | 15.6 | 13.4 | 17.7 | 33.6 |
| Four to Nine | 9.8 | 56.4 | 33.4 | 31.3 | 14.9 | 12.9 | 10.4 | 12.0 | 19.1 |
| Ten or More | 12.7 | 0.0 | 0.0 | 100.0 | 105.4 | 31.1 | 21.2 | 15.7 | 11.2 |
| Census Region | | | | | | | | | |
| Northeast | 8.0 | 8.0 | 15.7 | 18.6 | 15.5 | 17.6 | 10.2 | 16.0 | 24.8 |
| Midwest | 9.7 | 15.1 | 15.5 | 12.3 | 9.3 | 12.5 | 9.5 | 12.9 | 19.3 |
| South | 5.6 | 10.3 | 8.8 | 11.1 | 11.5 | 12.7 | 10.9 | 12.1 | 22.6 |
| West | 10.8 | 16.1 | 12.9 | 11.3 | 7.8 | 13.6 | 13.4 | 11.6 | 23.0 |
| Workers (main shift) | | | | | | | | | |
| Fewer than 5 | 6.0 | 7.8 | 11.6 | 14.1 | 13.4 | 22.6 | 30.4 | 39.9 | 51.9 |
| 5 to 9 | 7.9 | 11.4 | 14.8 | 17.1 | 17.3 | 43.2 | 33.3 | 44.1 | 0.0 |
| 10 to 19 | 7.6 | 16.9 | 12.7 | 14.0 | 12.3 | 20.0 | 26.3 | 37.5 | 53.8 |
| 20 to 49 | 9.0 | 27.6 | 20.0 | 11.0 | 10.0 | 11.1 | 13.1 | 23.5 | 70.3 |
| 50 to 99 | 10.7 | 70.9 | 52.4 | 22.3 | 12.1 | 13.7 | 11.5 | 20.3 | 47.3 |
| 100 to 249 | 11.7 | 92.5 | 80.5 | 31.2 | 11.4 | 15.5 | 10.0 | 12.4 | 26.3 |
| 250 or More | 8.6 | 0.0 | 0.0 | 72.6 | 38.9 | 19.9 | 12.0 | 8.7 | 11.0 |
| Weekly Operating Hours | | | | | | | | | |
| 39 or Fewer | 10.3 | 12.9 | 16.4 | 20.0 | 15.8 | 25.1 | 31.5 | 34.0 | 68.4 |
| 40 to 48 | 5.9 | 9.4 | 12.2 | 14.1 | 10.2 | 14.7 | 16.9 | 25.5 | 53.5 |
| 49 to 60 | 8.2 | 15.2 | 12.9 | 11.9 | 11.9 | 13.0 | 12.4 | 12.4 | 29.5 |
| 61 to 84 | 9.6 | 14.3 | 18.3 | 16.5 | 12.8 | 16.5 | 11.5 | 12.6 | 18.2 |
| 85 to 167 | 7.7 | 13.7 | 24.4 | 18.5 | 16.4 | 12.0 | 12.2 | 14.2 | 26.2 |
| Open Continuously | 10.4 | 18.3 | 28.6 | 18.3 | 13.9 | 12.5 | 12.1 | 12.2 | 12.8 |

RSEs for Table B6. Building Size, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | | | | |
|--|------------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------|
| | All Buildings | Building Size | | | | | | | |
| | | 1,001 to 5,000 Square Feet | 5,001 to 10,000 Square Feet | 10,001 to 25,000 Square Feet | 25,001 to 50,000 Square Feet | 50,001 to 100,000 Square Feet | 100,001 to 200,000 Square Feet | 200,001 to 500,000 Square Feet | Over 500,000 Square Feet |
| Ownership and Occupancy | | | | | | | | | |
| Nongovernment Owned | 4.5 | 7.1 | 7.8 | 8.0 | 8.4 | 11.5 | 6.7 | 8.3 | 12.6 |
| Owner Occupied | 5.4 | 8.3 | 9.8 | 8.8 | 9.7 | 11.6 | 7.7 | 8.5 | 13.4 |
| Nonowner Occupied | 5.8 | 9.2 | 14.4 | 12.4 | 12.4 | 14.8 | 12.6 | 16.8 | 26.6 |
| Unoccupied | 17.1 | 21.7 | 27.7 | 40.8 | 28.3 | 49.9 | 55.2 | 46.6 | 70.9 |
| Government Owned | 9.0 | 15.6 | 17.7 | 16.8 | 7.9 | 10.0 | 10.3 | 11.3 | 18.2 |
| Vacancy Status | | | | | | | | | |
| Completely Vacant | 20.7 | 29.2 | 34.5 | 21.3 | 40.2 | 45.3 | 54.4 | 57.4 | 0.0 |
| Mostly Vacant | 22.9 | 28.9 | 41.0 | 75.5 | 29.1 | 57.6 | 46.0 | 59.5 | 63.1 |
| Partially Vacant | 7.3 | 13.1 | 15.6 | 13.6 | 10.1 | 14.2 | 9.8 | 12.1 | 16.8 |
| Not At All Vacant | 4.4 | 7.6 | 7.4 | 8.1 | 7.9 | 10.3 | 7.3 | 6.8 | 11.2 |
| Number of Establishments | | | | | | | | | |
| One | 4.7 | 7.6 | 8.4 | 8.5 | 6.8 | 10.8 | 7.7 | 7.6 | 11.8 |
| 2 to 5 | 9.4 | 15.4 | 15.3 | 18.0 | 11.4 | 16.6 | 16.5 | 19.2 | 24.7 |
| 6 to 10 | 15.0 | 66.6 | 41.9 | 20.5 | 20.8 | 19.6 | 24.5 | 25.0 | 41.4 |
| 11 to 20 | 16.8 | 74.5 | 71.1 | 47.6 | 22.5 | 19.4 | 18.5 | 22.5 | 53.6 |
| More than 20 | 25.4 | 74.1 | 99.1 | 62.1 | 54.0 | 26.1 | 18.7 | 16.4 | 13.0 |
| Currently Unoccupied | 16.4 | 20.3 | 27.7 | 37.0 | 28.3 | 38.7 | 45.2 | 38.6 | 70.9 |
| Energy Sources (more than one may apply) | | | | | | | | | |
| Electricity | 4.1 | 6.6 | 7.0 | 7.1 | 6.9 | 10.3 | 6.4 | 6.4 | 10.7 |
| Natural Gas | 4.8 | 8.6 | 10.1 | 7.6 | 7.0 | 10.6 | 8.1 | 6.5 | 11.4 |
| Fuel Oil | 16.7 | 25.2 | 28.6 | 19.6 | 19.5 | 15.0 | 10.2 | 9.1 | 17.8 |
| District Heat | 15.5 | 39.9 | 44.2 | 30.8 | 21.8 | 13.4 | 13.4 | 14.6 | 19.3 |
| District Chilled Water | 27.2 | 75.7 | 82.1 | 21.3 | 28.4 | 14.5 | 15.2 | 21.9 | 28.3 |
| Propane | 15.0 | 19.6 | 23.2 | 27.1 | 24.5 | 25.0 | 19.0 | 19.5 | 34.4 |
| Other | 18.8 | 25.4 | 47.3 | 38.6 | 37.3 | 20.2 | 31.2 | 40.7 | 42.3 |
| Energy End Uses (more than one may apply) | | | | | | | | | |
| Buildings with Space Heating | 4.2 | 7.1 | 7.9 | 7.0 | 7.3 | 10.3 | 6.6 | 6.2 | 10.6 |
| Buildings with Cooling | 3.9 | 6.3 | 8.6 | 7.3 | 8.0 | 10.4 | 6.7 | 6.4 | 11.6 |
| Buildings with Water Heating | 4.4 | 6.9 | 8.5 | 7.0 | 7.1 | 10.6 | 6.8 | 6.3 | 11.3 |
| Buildings with Cooking | 5.8 | 10.8 | 19.4 | 14.9 | 10.3 | 10.8 | 9.8 | 7.6 | 12.3 |
| Buildings with Manufacturing | 16.7 | 28.6 | 40.8 | 29.9 | 21.6 | 28.6 | 32.7 | 28.4 | 42.7 |
| Buildings with Electricity Generation | 14.2 | 37.6 | 50.4 | 27.2 | 11.8 | 14.6 | 9.8 | 10.5 | 16.7 |
| Percent of Floorspace Heated | | | | | | | | | |
| Not Heated | 10.5 | 13.2 | 15.8 | 23.6 | 18.2 | 29.3 | 27.2 | 33.3 | 63.2 |
| 1 to 50 | 10.9 | 17.8 | 18.9 | 19.2 | 14.9 | 22.5 | 23.7 | 23.0 | 32.6 |
| 51 to 99 | 8.2 | 13.0 | 16.5 | 15.0 | 14.1 | 20.3 | 18.2 | 16.6 | 15.9 |
| 100 | 4.8 | 7.9 | 9.1 | 9.2 | 8.0 | 9.4 | 7.5 | 7.1 | 12.0 |
| Percent of Floorspace Cooled | | | | | | | | | |
| Not Cooled | 10.4 | 13.7 | 13.3 | 19.4 | 16.1 | 19.3 | 32.9 | 33.1 | 49.8 |
| 1 to 50 | 9.1 | 12.6 | 16.3 | 14.8 | 11.3 | 15.0 | 14.4 | 12.9 | 21.1 |
| 51 to 99 | 6.9 | 10.0 | 17.3 | 15.1 | 13.0 | 14.4 | 10.4 | 10.4 | 12.4 |
| 100 | 4.5 | 7.3 | 11.6 | 8.9 | 10.5 | 10.7 | 9.1 | 12.3 | 24.1 |
| Percent Lit When Open | | | | | | | | | |
| Zero | 49.1 | 56.0 | 81.7 | 49.0 | 43.7 | 0.0 | 100.1 | 0.0 | 0.0 |
| 1 to 50 | 9.0 | 13.1 | 13.4 | 17.2 | 14.4 | 19.7 | 22.5 | 35.5 | 37.5 |
| 51 to 99 | 6.4 | 10.0 | 11.6 | 12.1 | 9.7 | 13.9 | 9.7 | 9.7 | 12.8 |
| 100 | 5.8 | 9.1 | 11.6 | 8.7 | 8.4 | 10.5 | 7.9 | 9.1 | 13.8 |
| Building Never Open/ Electricity Not Used | 13.0 | 16.8 | 21.2 | 33.4 | 27.1 | 33.6 | 41.1 | 37.9 | 60.2 |

RSEs for Table B6. Building Size, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | | | | |
|---|------------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------|
| | All Buildings | Building Size | | | | | | | |
| | | 1,001 to 5,000 Square Feet | 5,001 to 10,000 Square Feet | 10,001 to 25,000 Square Feet | 25,001 to 50,000 Square Feet | 50,001 to 100,000 Square Feet | 100,001 to 200,000 Square Feet | 200,001 to 500,000 Square Feet | Over 500,000 Square Feet |
| Heating Equipment (more than one may apply) | | | | | | | | | |
| Heat Pumps | 10.5 | 15.6 | 21.3 | 19.4 | 13.7 | 11.7 | 16.3 | 14.7 | 20.9 |
| Furnaces | 7.4 | 10.0 | 13.7 | 12.7 | 13.2 | 20.1 | 14.9 | 18.3 | 19.9 |
| Individual Space Heaters | 6.7 | 11.6 | 14.0 | 14.0 | 11.0 | 14.0 | 11.1 | 12.7 | 13.0 |
| District Heat | 16.5 | 44.3 | 60.4 | 33.2 | 22.8 | 13.7 | 13.2 | 14.1 | 19.1 |
| Boilers | 7.9 | 16.6 | 17.2 | 15.1 | 11.4 | 12.1 | 9.6 | 9.6 | 17.0 |
| Packaged Heating Units | 6.3 | 12.0 | 16.7 | 9.7 | 9.0 | 11.7 | 8.6 | 9.3 | 10.3 |
| Other | 15.1 | 23.7 | 35.4 | 32.0 | 23.9 | 15.7 | 23.0 | 20.3 | 22.4 |
| Cooling Equipment (more than one may apply) | | | | | | | | | |
| Residential-Type Central | | | | | | | | | |
| Air Conditioners | 10.3 | 13.8 | 19.2 | 22.0 | 14.6 | 17.8 | 18.6 | 20.4 | 27.7 |
| Heat Pumps | 10.4 | 15.8 | 20.8 | 19.6 | 14.0 | 11.6 | 15.9 | 14.7 | 21.7 |
| Individual Air Conditioners | 8.0 | 12.5 | 18.5 | 15.6 | 11.7 | 14.1 | 12.0 | 13.7 | 18.4 |
| District Chilled Water | 27.2 | 75.7 | 82.1 | 21.3 | 28.4 | 14.5 | 15.2 | 21.9 | 28.3 |
| Central Chillers | 14.5 | 66.5 | 60.0 | 15.7 | 17.2 | 16.7 | 12.6 | 9.7 | 12.4 |
| Packaged Air Conditioning | | | | | | | | | |
| Units | 4.7 | 8.7 | 11.6 | 7.6 | 8.4 | 10.7 | 6.4 | 8.3 | 10.7 |
| Swamp Coolers | 17.0 | 17.8 | 37.7 | 32.6 | 44.7 | 30.0 | 22.1 | 39.3 | 56.0 |
| Other | 29.6 | 68.7 | 56.5 | 38.9 | 25.7 | 24.4 | 29.8 | 39.5 | 46.9 |
| Main Equipment Replaced Since 1995 (more than one may apply) | | | | | | | | | |
| Heating | 6.8 | 12.3 | 16.4 | 15.4 | 10.4 | 15.7 | 16.8 | 17.0 | 21.5 |
| Cooling | 5.9 | 11.2 | 13.5 | 10.9 | 10.1 | 12.5 | 12.2 | 9.8 | 17.6 |
| Lighting Equipment Types (more than one may apply) | | | | | | | | | |
| Incandescent | 4.9 | 8.7 | 10.4 | 9.3 | 9.3 | 10.7 | 8.2 | 8.5 | 14.4 |
| Standard Fluorescent | 4.1 | 6.8 | 7.4 | 7.3 | 7.6 | 10.1 | 6.3 | 6.6 | 11.1 |
| Compact Fluorescent | 9.0 | 18.7 | 17.0 | 12.1 | 11.4 | 12.3 | 9.2 | 8.1 | 13.6 |
| High Intensity Discharge | 10.9 | 27.5 | 26.5 | 20.7 | 10.0 | 13.9 | 8.0 | 8.0 | 13.5 |
| Halogen | 9.1 | 17.5 | 22.7 | 14.9 | 11.9 | 10.4 | 8.6 | 9.2 | 11.0 |
| Other | 32.3 | 43.4 | 45.3 | 52.6 | 35.7 | 40.7 | 64.7 | 37.7 | 34.5 |
| Personal Computers | | | | | | | | | |
| None | 7.0 | 9.2 | 12.5 | 18.0 | 17.0 | 24.6 | 34.5 | 38.1 | 59.7 |
| 1 to 4 | 7.2 | 10.5 | 11.6 | 11.7 | 14.4 | 17.8 | 15.6 | 39.5 | 54.0 |
| 5 to 9 | 8.1 | 11.6 | 18.6 | 13.7 | 12.1 | 20.6 | 19.5 | 42.7 | 50.8 |
| 10 to 19 | 11.6 | 21.9 | 18.9 | 19.7 | 14.8 | 13.6 | 18.8 | 23.0 | 46.4 |
| 20 to 49 | 11.1 | 43.1 | 33.4 | 17.4 | 12.7 | 15.9 | 14.6 | 15.6 | 23.6 |
| 50 to 99 | 11.0 | 103.4 | 50.6 | 29.1 | 16.9 | 13.1 | 18.1 | 18.4 | 34.8 |
| 100 to 249 | 8.8 | 99.6 | 101.0 | 49.2 | 11.9 | 14.2 | 13.5 | 13.5 | 23.4 |
| 250 or More | 8.5 | 0.0 | 0.0 | 0.0 | 30.0 | 22.3 | 13.5 | 8.9 | 10.8 |
| Photocopiers | | | | | | | | | |
| None | 5.4 | 7.5 | 9.0 | 11.6 | 9.8 | 15.1 | 16.1 | 27.2 | 41.2 |
| One | 6.8 | 9.4 | 12.6 | 11.5 | 8.7 | 14.7 | 14.4 | 27.1 | 63.5 |
| 2 to 4 | 7.9 | 20.4 | 18.0 | 14.8 | 9.7 | 12.1 | 11.4 | 13.2 | 15.5 |
| 5 to 9 | 17.7 | 100.1 | 57.8 | 21.2 | 12.0 | 16.3 | 13.6 | 11.9 | 29.0 |
| 10 or More | 12.0 | 0.0 | 0.0 | 61.1 | 23.4 | 15.9 | 10.3 | 11.0 | 12.8 |
| Other Electronic Equipment (more than one may apply) | | | | | | | | | |
| Laser Printers | 5.1 | 9.4 | 9.2 | 8.6 | 7.4 | 10.6 | 7.1 | 6.0 | 10.7 |
| FAX Machines | 5.1 | 9.1 | 7.7 | 7.8 | 7.8 | 10.2 | 6.6 | 5.8 | 10.7 |
| Medical Diagnostic Equipment | 19.8 | 32.4 | 41.9 | 26.9 | 18.7 | 28.6 | 26.3 | 18.1 | 14.2 |

RSEs for Table B6. Building Size, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | | | | |
|---|------------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------|
| | All Buildings | Building Size | | | | | | | |
| | | 1,001 to 5,000 Square Feet | 5,001 to 10,000 Square Feet | 10,001 to 25,000 Square Feet | 25,001 to 50,000 Square Feet | 50,001 to 100,000 Square Feet | 100,001 to 200,000 Square Feet | 200,001 to 500,000 Square Feet | Over 500,000 Square Feet |
| Energy-Related Space Functions (more than one may apply) | | | | | | | | | |
| Commercial Food Preparation | 5.8 | 12.1 | 16.3 | 16.6 | 10.5 | 11.1 | 10.1 | 7.7 | 12.3 |
| Activities with Large Amounts of Hot Water | 6.3 | 12.9 | 17.7 | 13.7 | 10.4 | 8.8 | 9.4 | 7.8 | 11.9 |
| Building Shell Conservation Features (more than one may apply) | | | | | | | | | |
| Multipaned Windows | 6.5 | 10.0 | 9.4 | 10.6 | 8.1 | 11.0 | 7.6 | 7.8 | 12.8 |
| Tinted, Reflective, or Shading Glass | 5.7 | 9.6 | 14.0 | 9.7 | 8.1 | 11.7 | 7.9 | 7.7 | 15.3 |
| HVAC Conservation Features (more than one may apply) | | | | | | | | | |
| Variable Air-Volume System | 9.8 | 21.4 | 21.2 | 17.0 | 10.2 | 11.9 | 9.8 | 9.1 | 12.2 |
| Economizer Cycle | 8.2 | 15.3 | 21.8 | 12.8 | 8.1 | 12.8 | 9.2 | 9.6 | 12.4 |
| HVAC Maintenance | 4.8 | 7.6 | 9.0 | 7.1 | 7.7 | 10.4 | 6.4 | 6.2 | 10.7 |
| Energy Management and Control System (EMCS) | 10.3 | 24.6 | 33.8 | 16.2 | 11.6 | 9.5 | 8.7 | 8.5 | 12.1 |
| Lighting Conservation Features (more than one may apply) | | | | | | | | | |
| Specular Reflectors | 8.8 | 14.9 | 16.5 | 12.3 | 9.6 | 11.6 | 9.0 | 9.2 | 14.2 |
| Electronic Ballasts | 5.3 | 9.9 | 9.6 | 9.3 | 6.8 | 11.0 | 7.4 | 6.7 | 11.1 |
| Skylights or Atriums | 8.6 | 19.8 | 19.8 | 13.0 | 9.0 | 12.5 | 11.3 | 10.6 | 15.2 |
| Off-Hour Equipment Reduction (more than one may apply) | | | | | | | | | |
| Heating | 5.0 | 9.0 | 9.0 | 8.3 | 7.5 | 11.3 | 7.9 | 8.6 | 17.6 |
| Cooling | 4.3 | 7.7 | 9.7 | 8.2 | 8.7 | 11.4 | 7.8 | 7.9 | 17.9 |
| Lighting | 4.4 | 7.3 | 7.1 | 7.8 | 7.3 | 11.3 | 7.0 | 7.4 | 16.5 |
| Office Equipment | 8.5 | 61.7 | 39.0 | 18.5 | 14.5 | 11.7 | 11.5 | 12.6 | 25.1 |

RSEs for Table B7. Building Size, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | | | | |
|------------------------------------|---------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------|
| | All Buildings | Building Size | | | | | | | |
| | | 1,001 to 5,000 Square Feet | 5,001 to 10,000 Square Feet | 10,001 to 25,000 Square Feet | 25,001 to 50,000 Square Feet | 50,001 to 100,000 Square Feet | 100,001 to 200,000 Square Feet | 200,001 to 500,000 Square Feet | Over 500,000 Square Feet |
| All Buildings | 3.5 | 6.1 | 7.1 | 6.8 | 6.8 | 10.2 | 6.4 | 6.6 | 11.1 |
| Principal Building Activity | | | | | | | | | |
| Education | 6.2 | 19.8 | 33.9 | 19.9 | 7.8 | 13.2 | 15.4 | 17.2 | 48.5 |
| Food Sales | 16.0 | 22.1 | 53.9 | 48.2 | 23.5 | 26.3 | 54.6 | 0.0 | 0.0 |
| Food Service | 9.7 | 13.0 | 26.0 | 37.9 | 33.1 | 71.2 | 70.0 | 0.0 | 0.0 |
| Health Care | 7.6 | 26.4 | 35.5 | 24.1 | 23.0 | 27.6 | 24.5 | 18.5 | 13.0 |
| Inpatient | 9.9 | 0.0 | 0.0 | 51.1 | 42.8 | 40.4 | 28.0 | 20.2 | 12.9 |
| Outpatient | 10.3 | 26.4 | 35.5 | 23.1 | 24.3 | 37.8 | 41.5 | 40.0 | 100.1 |
| Lodging | 11.0 | 33.5 | 25.5 | 28.2 | 22.7 | 14.2 | 25.4 | 19.9 | 53.2 |
| Mercantile | 8.8 | 14.2 | 20.5 | 14.3 | 18.9 | 25.6 | 13.9 | 20.5 | 21.3 |
| Retail (Other Than Mall) | 10.7 | 15.1 | 25.6 | 19.2 | 23.6 | 32.0 | 15.6 | 35.8 | 100.8 |
| Enclosed and Strip Malls | 10.3 | 63.2 | 34.6 | 25.9 | 21.3 | 26.8 | 17.5 | 24.6 | 21.5 |
| Office | 6.9 | 11.9 | 16.0 | 17.9 | 14.0 | 20.7 | 13.0 | 13.8 | 17.4 |
| Public Assembly | 10.8 | 22.0 | 26.3 | 20.5 | 22.0 | 28.6 | 26.0 | 30.0 | 36.4 |
| Public Order and Safety | 22.2 | 48.2 | 58.0 | 45.4 | 22.1 | 32.8 | 45.5 | 32.8 | 88.4 |
| Religious Worship | 12.0 | 26.5 | 25.9 | 19.2 | 29.4 | 48.2 | 61.5 | 0.0 | 28.0 |
| Service | 11.8 | 18.4 | 21.3 | 29.0 | 34.6 | 43.9 | 80.5 | 58.0 | 65.7 |
| Warehouse and Storage | 9.4 | 21.0 | 20.7 | 19.6 | 11.7 | 24.5 | 17.6 | 21.5 | 20.1 |
| Other | 13.6 | 45.9 | 33.9 | 31.0 | 40.8 | 30.6 | 35.6 | 49.1 | 62.1 |
| Vacant | 12.2 | 20.8 | 30.9 | 42.0 | 21.8 | 35.8 | 40.4 | 42.4 | 78.9 |
| Year Constructed | | | | | | | | | |
| 1919 or Before | 7.2 | 22.7 | 21.8 | 23.5 | 15.4 | 21.1 | 24.5 | 40.8 | 60.4 |
| 1920 to 1945 | 9.0 | 17.0 | 20.9 | 23.0 | 15.4 | 24.7 | 29.5 | 27.6 | 36.3 |
| 1946 to 1959 | 7.7 | 12.4 | 14.8 | 17.7 | 15.4 | 16.2 | 16.8 | 22.4 | 28.7 |
| 1960 to 1969 | 6.2 | 12.0 | 15.1 | 15.4 | 14.1 | 17.4 | 14.2 | 15.3 | 19.0 |
| 1970 to 1979 | 5.8 | 11.7 | 17.3 | 14.0 | 11.7 | 12.5 | 13.9 | 13.7 | 24.7 |
| 1980 to 1989 | 6.1 | 13.7 | 14.9 | 13.3 | 13.7 | 14.4 | 14.4 | 12.9 | 17.6 |
| 1990 to 1999 | 6.3 | 18.9 | 24.0 | 17.9 | 10.2 | 11.4 | 11.3 | 12.8 | 16.7 |
| Floors | | | | | | | | | |
| One | 4.9 | 6.3 | 8.8 | 9.6 | 7.8 | 14.1 | 9.0 | 19.6 | 20.0 |
| Two | 6.1 | 11.0 | 13.5 | 11.8 | 11.6 | 13.9 | 14.8 | 16.4 | 20.2 |
| Three | 7.4 | 22.6 | 20.4 | 12.5 | 11.8 | 14.8 | 13.4 | 18.2 | 33.1 |
| Four to Nine | 5.7 | 52.5 | 34.0 | 29.1 | 15.0 | 13.1 | 10.8 | 12.6 | 17.4 |
| Ten or More | 10.7 | 0.0 | 0.0 | 100.0 | 105.4 | 29.4 | 24.0 | 14.6 | 13.5 |
| Census Region | | | | | | | | | |
| Northeast | 7.7 | 12.8 | 15.7 | 18.2 | 15.2 | 17.1 | 10.2 | 15.7 | 24.7 |
| Midwest | 5.0 | 15.1 | 15.7 | 11.5 | 9.9 | 12.9 | 10.2 | 13.1 | 17.8 |
| South | 5.3 | 9.3 | 10.0 | 10.9 | 11.3 | 12.9 | 11.5 | 12.6 | 20.5 |
| West | 6.0 | 11.9 | 13.0 | 12.4 | 7.6 | 13.3 | 13.9 | 11.2 | 24.8 |
| Workers (main shift) | | | | | | | | | |
| Fewer than 5 | 6.3 | 7.8 | 12.2 | 14.5 | 14.2 | 21.3 | 32.2 | 36.7 | 56.3 |
| 5 to 9 | 7.6 | 11.9 | 14.1 | 16.2 | 17.2 | 41.1 | 31.9 | 42.6 | 0.0 |
| 10 to 19 | 6.7 | 16.7 | 13.6 | 13.6 | 12.5 | 20.5 | 25.0 | 38.4 | 67.5 |
| 20 to 49 | 6.6 | 29.4 | 20.6 | 9.9 | 9.9 | 11.4 | 13.6 | 24.1 | 66.5 |
| 50 to 99 | 8.9 | 71.4 | 53.0 | 22.7 | 11.8 | 13.6 | 12.2 | 21.5 | 49.5 |
| 100 to 249 | 7.2 | 84.2 | 77.4 | 32.2 | 11.2 | 16.0 | 10.3 | 12.7 | 28.1 |
| 250 or More | 6.3 | 0.0 | 0.0 | 76.0 | 37.5 | 19.7 | 12.4 | 9.5 | 11.5 |
| Weekly Operating Hours | | | | | | | | | |
| 39 or Fewer | 9.8 | 13.3 | 17.0 | 22.1 | 15.4 | 25.4 | 32.4 | 31.8 | 72.9 |
| 40 to 48 | 6.1 | 9.6 | 12.8 | 13.5 | 10.4 | 14.3 | 17.4 | 24.9 | 52.3 |
| 49 to 60 | 6.1 | 15.5 | 13.7 | 11.6 | 11.7 | 13.3 | 12.7 | 13.2 | 27.1 |
| 61 to 84 | 6.1 | 16.9 | 19.2 | 16.0 | 13.2 | 16.1 | 12.4 | 12.4 | 19.8 |
| 85 to 167 | 7.0 | 15.5 | 25.2 | 17.1 | 16.6 | 12.3 | 12.5 | 14.5 | 23.9 |
| Open Continuously | 5.0 | 17.0 | 26.7 | 18.3 | 14.9 | 13.0 | 12.4 | 13.5 | 14.3 |

RSEs for Table B7. Building Size, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | | | | |
|--|---------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------|
| | All Buildings | Building Size | | | | | | | |
| | | 1,001 to 5,000 Square Feet | 5,001 to 10,000 Square Feet | 10,001 to 25,000 Square Feet | 25,001 to 50,000 Square Feet | 50,001 to 100,000 Square Feet | 100,001 to 200,000 Square Feet | 200,001 to 500,000 Square Feet | Over 500,000 Square Feet |
| Ownership and Occupancy | | | | | | | | | |
| Nongovernment Owned | 4.2 | 6.6 | 8.1 | 7.8 | 8.4 | 11.4 | 6.9 | 8.4 | 13.4 |
| Owner Occupied | 4.5 | 8.1 | 10.5 | 8.5 | 9.6 | 11.5 | 8.1 | 8.5 | 14.5 |
| Nonowner Occupied | 6.4 | 10.4 | 13.1 | 11.9 | 12.6 | 15.1 | 13.1 | 16.7 | 24.6 |
| Unoccupied | 14.6 | 20.6 | 29.7 | 45.4 | 26.9 | 49.1 | 50.8 | 45.9 | 71.4 |
| Government Owned | 4.6 | 15.8 | 17.9 | 16.7 | 8.7 | 10.1 | 10.5 | 10.7 | 19.3 |
| Vacancy Status | | | | | | | | | |
| Completely Vacant | 14.5 | 30.2 | 39.0 | 21.3 | 37.1 | 44.3 | 53.8 | 57.9 | 0.0 |
| Mostly Vacant | 20.0 | 29.0 | 39.0 | 72.0 | 27.4 | 57.8 | 46.8 | 56.7 | 78.9 |
| Partially Vacant | 6.2 | 13.3 | 15.3 | 14.2 | 10.0 | 14.2 | 10.5 | 12.7 | 17.2 |
| Not At All Vacant | 3.4 | 7.1 | 7.9 | 7.6 | 7.7 | 10.2 | 7.4 | 6.6 | 11.2 |
| Number of Establishments | | | | | | | | | |
| One | 3.5 | 7.2 | 8.9 | 8.1 | 6.8 | 10.5 | 7.8 | 7.7 | 12.1 |
| 2 to 5 | 6.5 | 16.5 | 15.3 | 17.4 | 11.8 | 16.7 | 17.4 | 19.4 | 26.6 |
| 6 to 10 | 10.1 | 61.8 | 41.3 | 18.9 | 21.3 | 19.6 | 23.0 | 26.4 | 35.6 |
| 11 to 20 | 12.1 | 78.1 | 71.2 | 52.9 | 22.0 | 19.5 | 19.0 | 21.1 | 48.2 |
| More than 20 | 10.2 | 74.7 | 99.1 | 66.4 | 49.4 | 26.0 | 19.9 | 16.6 | 14.2 |
| Currently Unoccupied | 13.5 | 19.4 | 29.7 | 41.3 | 26.9 | 38.8 | 45.2 | 36.7 | 71.4 |
| Energy Sources (more than one may apply) | | | | | | | | | |
| Electricity | 3.5 | 6.1 | 7.4 | 6.8 | 6.8 | 10.2 | 6.4 | 6.5 | 11.1 |
| Natural Gas | 3.9 | 8.3 | 10.4 | 7.0 | 7.2 | 10.5 | 8.3 | 6.9 | 12.0 |
| Fuel Oil | 6.9 | 26.3 | 30.4 | 18.9 | 18.9 | 15.4 | 9.8 | 9.7 | 17.9 |
| District Heat | 9.9 | 43.8 | 45.7 | 28.3 | 20.4 | 13.2 | 13.1 | 15.1 | 19.4 |
| District Chilled Water | 12.1 | 75.6 | 84.9 | 21.4 | 29.9 | 14.5 | 15.8 | 19.9 | 26.3 |
| Propane | 10.9 | 22.2 | 23.6 | 26.5 | 23.2 | 25.3 | 18.9 | 19.7 | 32.5 |
| Other | 14.0 | 26.6 | 45.0 | 36.3 | 31.0 | 20.6 | 32.3 | 35.7 | 39.0 |
| Energy End Uses (more than one may apply) | | | | | | | | | |
| Buildings with Space Heating | 3.5 | 6.8 | 8.2 | 6.6 | 7.3 | 10.2 | 6.5 | 6.5 | 10.9 |
| Buildings with Cooling | 3.8 | 6.2 | 8.9 | 6.9 | 8.0 | 10.2 | 6.6 | 6.8 | 11.9 |
| Buildings with Water Heating | 3.7 | 6.8 | 8.7 | 6.9 | 7.1 | 10.5 | 6.7 | 6.5 | 11.8 |
| Buildings with Cooking | 4.4 | 11.3 | 19.8 | 14.6 | 10.6 | 10.4 | 9.9 | 8.0 | 12.3 |
| Buildings with Manufacturing | 12.7 | 30.7 | 41.9 | 32.3 | 21.5 | 27.9 | 32.8 | 26.6 | 43.3 |
| Buildings with Electricity Generation | 7.4 | 38.0 | 48.8 | 27.7 | 12.0 | 15.2 | 9.7 | 11.0 | 16.7 |
| Percent of Floorspace Heated | | | | | | | | | |
| Not Heated | 11.3 | 14.6 | 16.7 | 23.4 | 19.1 | 29.0 | 29.4 | 30.5 | 65.1 |
| 1 to 50 | 8.0 | 19.4 | 19.6 | 18.6 | 14.7 | 22.0 | 23.7 | 22.7 | 33.2 |
| 51 to 99 | 7.1 | 12.9 | 16.9 | 15.3 | 14.7 | 20.6 | 19.6 | 16.6 | 18.4 |
| 100 | 4.0 | 8.1 | 9.6 | 8.9 | 7.7 | 9.3 | 7.6 | 7.4 | 11.7 |
| Percent of Floorspace Cooled | | | | | | | | | |
| Not Cooled | 8.8 | 13.3 | 14.1 | 19.3 | 15.2 | 19.4 | 34.5 | 29.8 | 46.7 |
| 1 to 50 | 6.9 | 13.3 | 16.6 | 14.2 | 11.5 | 14.3 | 13.9 | 14.1 | 21.1 |
| 51 to 99 | 4.5 | 9.3 | 17.5 | 14.2 | 13.8 | 14.6 | 10.3 | 10.6 | 12.9 |
| 100 | 5.2 | 7.7 | 12.1 | 8.6 | 10.0 | 10.7 | 9.5 | 13.3 | 23.6 |
| Percent Lit When Open | | | | | | | | | |
| Zero | 32.5 | 54.1 | 82.5 | 52.6 | 35.9 | 0.0 | 100.1 | 0.0 | 0.0 |
| 1 to 50 | 8.1 | 13.3 | 14.1 | 16.6 | 14.6 | 19.6 | 23.3 | 33.4 | 33.6 |
| 51 to 99 | 4.9 | 10.2 | 12.3 | 11.5 | 9.6 | 14.0 | 9.6 | 9.8 | 11.8 |
| 100 | 4.2 | 9.6 | 12.2 | 8.0 | 8.3 | 10.3 | 7.8 | 9.9 | 14.7 |
| Building Never Open/ Electricity Not Used | 12.9 | 17.1 | 22.7 | 34.3 | 25.7 | 33.7 | 41.4 | 35.6 | 65.1 |

RSEs for Table B7. Building Size, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | | | | |
|---|---------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------|
| | All Buildings | Building Size | | | | | | | |
| | | 1,001 to 5,000 Square Feet | 5,001 to 10,000 Square Feet | 10,001 to 25,000 Square Feet | 25,001 to 50,000 Square Feet | 50,001 to 100,000 Square Feet | 100,001 to 200,000 Square Feet | 200,001 to 500,000 Square Feet | Over 500,000 Square Feet |
| Heating Equipment (more than one may apply) | | | | | | | | | |
| Heat Pumps | 6.3 | 17.5 | 21.8 | 19.0 | 14.6 | 11.8 | 16.5 | 14.6 | 19.4 |
| Furnaces | 5.5 | 10.1 | 14.5 | 11.8 | 13.2 | 19.9 | 13.1 | 20.0 | 16.1 |
| Individual Space Heaters | 5.0 | 12.2 | 14.7 | 13.3 | 10.9 | 14.0 | 10.9 | 13.3 | 13.4 |
| District Heat | 9.9 | 47.9 | 62.9 | 25.7 | 21.3 | 13.6 | 13.0 | 15.0 | 19.4 |
| Boilers | 5.6 | 18.5 | 17.3 | 15.4 | 10.7 | 12.2 | 9.6 | 9.7 | 18.4 |
| Packaged Heating Units | 4.8 | 11.7 | 16.9 | 9.3 | 9.0 | 11.9 | 8.8 | 10.4 | 11.9 |
| Other | 7.9 | 23.1 | 35.4 | 33.7 | 20.4 | 15.7 | 21.2 | 22.0 | 23.1 |
| Cooling Equipment (more than one may apply) | | | | | | | | | |
| Residential-Type Central | | | | | | | | | |
| Air Conditioners | 6.8 | 15.0 | 19.4 | 20.1 | 14.8 | 18.1 | 18.5 | 21.7 | 26.7 |
| Heat Pumps | 6.5 | 19.2 | 21.0 | 19.3 | 15.4 | 11.5 | 15.9 | 15.4 | 20.2 |
| Individual Air Conditioners | 5.9 | 13.5 | 19.2 | 16.3 | 11.2 | 13.7 | 11.1 | 14.7 | 20.9 |
| District Chilled Water | 12.1 | 75.6 | 84.9 | 21.4 | 29.9 | 14.5 | 15.8 | 19.9 | 26.3 |
| Central Chillers | 6.0 | 66.2 | 54.4 | 14.4 | 16.0 | 16.4 | 13.3 | 10.0 | 13.6 |
| Packaged Air Conditioning | | | | | | | | | |
| Units | 4.0 | 8.6 | 11.7 | 6.8 | 8.5 | 10.7 | 6.3 | 8.8 | 11.7 |
| Swamp Coolers | 17.5 | 25.8 | 36.8 | 31.3 | 46.7 | 30.1 | 20.2 | 40.7 | 55.1 |
| Other | 16.3 | 67.0 | 58.7 | 30.9 | 24.3 | 24.5 | 29.5 | 40.2 | 46.4 |
| Main Equipment Replaced Since 1995 (more than one may apply) | | | | | | | | | |
| Heating | 7.6 | 13.5 | 15.8 | 13.7 | 10.4 | 15.0 | 17.1 | 17.2 | 22.9 |
| Cooling | 5.5 | 11.1 | 13.2 | 9.7 | 10.0 | 12.4 | 12.6 | 11.0 | 16.8 |
| Lighting Equipment Types (more than one may apply) | | | | | | | | | |
| Incandescent | 4.2 | 8.4 | 10.6 | 9.0 | 9.2 | 10.6 | 8.6 | 8.4 | 14.6 |
| Standard Fluorescent | 3.5 | 6.6 | 7.6 | 6.9 | 7.4 | 10.0 | 6.3 | 6.7 | 11.6 |
| Compact Fluorescent | 5.7 | 20.1 | 16.3 | 10.8 | 11.4 | 12.5 | 9.4 | 8.2 | 13.3 |
| High Intensity Discharge | 5.4 | 32.4 | 25.7 | 19.9 | 9.5 | 13.7 | 8.3 | 8.2 | 13.3 |
| Halogen | 4.4 | 19.1 | 22.6 | 14.6 | 12.5 | 10.6 | 9.0 | 9.5 | 11.6 |
| Other | 14.6 | 47.8 | 46.5 | 43.8 | 35.5 | 39.7 | 63.7 | 37.9 | 32.3 |
| Personal Computers | | | | | | | | | |
| None | 6.3 | 8.6 | 13.5 | 17.4 | 18.8 | 25.0 | 36.6 | 33.4 | 61.5 |
| 1 to 4 | 6.4 | 11.2 | 11.7 | 11.5 | 14.3 | 18.4 | 16.1 | 39.8 | 69.6 |
| 5 to 9 | 7.9 | 12.8 | 18.8 | 14.6 | 12.0 | 20.0 | 20.9 | 40.6 | 56.6 |
| 10 to 19 | 8.4 | 22.3 | 19.9 | 18.3 | 14.9 | 14.1 | 19.7 | 25.2 | 49.6 |
| 20 to 49 | 7.4 | 44.8 | 32.6 | 15.9 | 13.3 | 16.1 | 15.3 | 17.0 | 22.3 |
| 50 to 99 | 7.1 | 103.4 | 53.5 | 29.0 | 15.6 | 13.2 | 17.8 | 20.4 | 35.7 |
| 100 to 249 | 7.7 | 99.6 | 101.0 | 42.0 | 11.7 | 14.4 | 13.3 | 13.2 | 23.2 |
| 250 or More | 6.2 | 0.0 | 0.0 | 0.0 | 29.7 | 22.2 | 14.3 | 9.4 | 11.3 |
| Photocopiers | | | | | | | | | |
| None | 5.2 | 7.0 | 9.5 | 11.5 | 9.8 | 15.2 | 16.2 | 24.1 | 37.6 |
| One | 6.4 | 9.1 | 12.8 | 11.6 | 8.7 | 15.2 | 15.3 | 29.7 | 61.9 |
| 2 to 4 | 5.5 | 21.1 | 18.3 | 14.3 | 10.1 | 12.2 | 11.7 | 13.9 | 19.7 |
| 5 to 9 | 7.6 | 100.1 | 57.3 | 19.4 | 11.4 | 15.9 | 13.9 | 13.9 | 24.7 |
| 10 or More | 6.3 | 0.0 | 0.0 | 48.7 | 22.8 | 15.5 | 10.6 | 11.1 | 12.1 |
| Other Electronic Equipment (more than one may apply) | | | | | | | | | |
| Laser Printers | 4.2 | 9.6 | 8.9 | 8.5 | 7.1 | 10.4 | 7.1 | 6.5 | 11.3 |
| FAX Machines | 3.8 | 9.5 | 7.8 | 7.4 | 7.6 | 10.1 | 6.5 | 6.2 | 11.1 |
| Medical Diagnostic Equipment | 7.9 | 33.4 | 41.3 | 26.7 | 19.2 | 29.1 | 25.7 | 18.8 | 12.8 |

RSEs for Table B7. Building Size, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | | | | |
|---|---------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------|
| | All Buildings | Building Size | | | | | | | |
| | | 1,001 to 5,000 Square Feet | 5,001 to 10,000 Square Feet | 10,001 to 25,000 Square Feet | 25,001 to 50,000 Square Feet | 50,001 to 100,000 Square Feet | 100,001 to 200,000 Square Feet | 200,001 to 500,000 Square Feet | Over 500,000 Square Feet |
| Energy-Related Space Functions (more than one may apply) | | | | | | | | | |
| Commercial Food Preparation | 4.5 | 12.5 | 16.9 | 16.0 | 10.8 | 10.6 | 10.2 | 8.1 | 12.4 |
| Activities with Large Amounts of Hot Water | 4.0 | 12.8 | 17.1 | 13.1 | 10.5 | 8.6 | 10.0 | 8.1 | 11.9 |
| Building Shell Conservation Features (more than one may apply) | | | | | | | | | |
| Multipaned Windows | 4.5 | 9.7 | 9.3 | 10.4 | 7.8 | 10.8 | 7.7 | 8.3 | 12.9 |
| Tinted, Reflective, or Shading Glass | 4.8 | 10.5 | 14.1 | 8.8 | 7.9 | 11.7 | 7.9 | 7.9 | 14.2 |
| HVAC Conservation Features (more than one may apply) | | | | | | | | | |
| Variable Air-Volume System | 5.4 | 22.5 | 21.1 | 14.8 | 10.0 | 12.0 | 10.4 | 9.1 | 12.3 |
| Economizer Cycle | 5.2 | 18.2 | 22.7 | 10.4 | 7.9 | 12.7 | 9.4 | 10.0 | 12.4 |
| HVAC Maintenance | 3.9 | 7.8 | 9.2 | 6.7 | 7.6 | 10.2 | 6.4 | 6.5 | 11.2 |
| Energy Management and Control System (EMCS) | 5.4 | 26.1 | 35.6 | 16.1 | 11.0 | 9.5 | 9.1 | 9.0 | 12.1 |
| Lighting Conservation Features (more than one may apply) | | | | | | | | | |
| Specular Reflectors | 6.0 | 16.2 | 16.1 | 12.5 | 9.5 | 11.9 | 9.0 | 9.3 | 15.3 |
| Electronic Ballasts | 3.9 | 10.1 | 9.4 | 8.6 | 6.7 | 10.9 | 7.6 | 7.2 | 11.3 |
| Skylights or Atriums | 5.8 | 19.3 | 19.9 | 13.1 | 9.3 | 12.3 | 11.4 | 10.6 | 14.9 |
| Off-Hour Equipment Reduction (more than one may apply) | | | | | | | | | |
| Heating | 4.0 | 8.3 | 9.5 | 7.8 | 7.3 | 11.1 | 7.5 | 8.7 | 17.2 |
| Cooling | 4.4 | 7.2 | 10.1 | 7.8 | 8.7 | 11.2 | 7.7 | 8.4 | 17.3 |
| Lighting | 4.0 | 6.9 | 7.6 | 7.4 | 7.0 | 11.1 | 6.9 | 6.9 | 15.9 |
| Office Equipment | 6.1 | 59.6 | 35.0 | 18.1 | 13.4 | 11.4 | 12.1 | 12.3 | 25.8 |

RSEs for Table B8. Year Constructed, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | | | |
|--|------------------------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | All Buildings | Year Constructed | | | | | | |
| | | 1919 or Before | 1920 to 1945 | 1946 to 1959 | 1960 to 1969 | 1970 to 1979 | 1980 to 1989 | 1990 to 1999 |
| All Buildings | 4.2 | 11.3 | 10.9 | 6.7 | 7.4 | 8.1 | 7.4 | 12.9 |
| Building Floorspace (Square Feet) | | | | | | | | |
| 1,001 to 5,000 | 6.8 | 22.5 | 15.6 | 11.2 | 12.8 | 10.7 | 12.2 | 19.7 |
| 5,001 to 10,000 | 6.7 | 21.4 | 21.2 | 14.1 | 15.1 | 17.5 | 15.6 | 23.1 |
| 10,001 to 25,000 | 7.1 | 24.4 | 22.3 | 18.9 | 17.1 | 14.3 | 14.1 | 18.2 |
| 25,001 to 50,000 | 6.9 | 14.8 | 17.3 | 16.1 | 14.0 | 12.1 | 13.5 | 10.6 |
| 50,001 to 100,000 | 10.3 | 21.4 | 25.0 | 16.9 | 17.2 | 12.3 | 14.3 | 11.4 |
| 100,001 to 200,000 | 6.3 | 23.8 | 27.3 | 16.6 | 13.8 | 13.0 | 14.1 | 10.5 |
| 200,001 to 500,000 | 6.5 | 37.9 | 28.3 | 22.1 | 15.3 | 12.4 | 13.6 | 12.4 |
| Over 500,000 | 10.7 | 58.3 | 38.6 | 27.9 | 19.2 | 26.8 | 19.2 | 17.7 |
| Principal Building Activity | | | | | | | | |
| Education | 12.3 | 35.6 | 25.9 | 15.1 | 18.3 | 37.4 | 30.3 | 25.5 |
| Food Sales | 17.2 | 91.3 | 56.6 | 43.5 | 41.5 | 37.8 | 35.2 | 38.1 |
| Food Service | 9.3 | 35.8 | 32.0 | 38.7 | 30.3 | 16.1 | 27.3 | 38.9 |
| Health Care | 17.6 | 93.2 | 90.9 | 42.6 | 47.9 | 35.8 | 36.6 | 21.2 |
| Inpatient | 25.6 | 100.0 | 53.5 | 36.2 | 31.3 | 16.7 | 32.4 | 33.1 |
| Outpatient | 19.1 | 84.9 | 97.8 | 44.7 | 55.0 | 38.3 | 40.8 | 21.6 |
| Lodging | 11.4 | 46.3 | 47.0 | 31.9 | 26.3 | 27.6 | 24.0 | 34.7 |
| Mercantile | 9.1 | 19.4 | 34.6 | 16.7 | 26.1 | 22.8 | 20.0 | 29.5 |
| Retail (Other Than Mall) | 10.8 | 19.5 | 34.2 | 18.5 | 32.0 | 25.9 | 27.1 | 35.8 |
| Enclosed and Strip Malls | 17.7 | 47.7 | 63.8 | 46.2 | 39.0 | 33.9 | 25.9 | 24.5 |
| Office | 8.3 | 30.2 | 25.0 | 24.9 | 24.6 | 14.1 | 14.6 | 27.6 |
| Public Assembly | 13.5 | 39.9 | 31.3 | 34.8 | 27.6 | 29.2 | 32.0 | 40.6 |
| Public Order and Safety | 28.1 | 42.3 | 43.7 | 55.5 | 43.9 | 54.0 | 46.7 | 36.9 |
| Religious Worship | 12.1 | 26.7 | 47.2 | 25.4 | 25.8 | 23.6 | 34.9 | 45.9 |
| Service | 12.8 | 63.8 | 26.6 | 23.7 | 30.2 | 22.1 | 21.9 | 54.9 |
| Warehouse and Storage | 12.4 | 37.8 | 30.4 | 24.2 | 25.9 | 20.1 | 22.8 | 27.7 |
| Other | 22.0 | 58.3 | 47.5 | 59.9 | 29.2 | 50.6 | 58.3 | 61.0 |
| Vacant | 14.5 | 34.1 | 34.7 | 27.9 | 36.8 | 50.7 | 73.4 | 84.3 |
| Floors | | | | | | | | |
| One | 5.4 | 29.2 | 16.7 | 7.7 | 9.0 | 10.4 | 10.1 | 14.9 |
| Two | 7.4 | 20.7 | 19.0 | 15.7 | 12.4 | 15.9 | 13.1 | 23.1 |
| Three | 9.0 | 13.8 | 23.0 | 24.8 | 25.5 | 29.7 | 27.1 | 13.1 |
| Four to Nine | 9.8 | 28.0 | 25.6 | 20.0 | 14.8 | 14.9 | 31.7 | 41.3 |
| Ten or More | 12.7 | 39.1 | 31.3 | 46.5 | 23.3 | 16.1 | 13.5 | 28.0 |
| Census Region | | | | | | | | |
| Northeast | 8.0 | 20.0 | 24.6 | 13.4 | 22.2 | 21.9 | 25.4 | 24.3 |
| Midwest | 9.7 | 18.7 | 19.2 | 21.3 | 12.9 | 14.6 | 19.8 | 22.0 |
| South | 5.6 | 28.6 | 16.9 | 9.6 | 14.7 | 11.5 | 8.1 | 20.9 |
| West | 10.8 | 38.6 | 29.9 | 16.6 | 13.2 | 14.9 | 14.3 | 25.4 |
| Workers (main shift) | | | | | | | | |
| Fewer than 5 | 6.0 | 14.7 | 13.1 | 9.8 | 12.5 | 12.0 | 11.2 | 19.6 |
| 5 to 9 | 7.9 | 28.8 | 25.1 | 16.8 | 20.0 | 12.8 | 20.6 | 20.6 |
| 10 to 19 | 7.6 | 20.1 | 25.7 | 16.0 | 19.3 | 19.5 | 17.0 | 23.2 |
| 20 to 49 | 9.0 | 28.4 | 27.3 | 19.2 | 21.5 | 19.4 | 17.5 | 26.8 |
| 50 to 99 | 10.7 | 23.9 | 23.1 | 31.5 | 15.5 | 25.2 | 13.3 | 10.9 |
| 100 to 249 | 11.7 | 65.4 | 26.8 | 19.3 | 30.1 | 14.1 | 15.7 | 12.0 |
| 250 or More | 8.6 | 37.7 | 27.7 | 23.2 | 17.5 | 13.4 | 13.0 | 17.3 |
| Weekly Operating Hours | | | | | | | | |
| 39 or Fewer | 10.3 | 21.6 | 21.2 | 17.4 | 16.9 | 15.2 | 18.1 | 32.4 |
| 40 to 48 | 5.9 | 22.6 | 15.9 | 13.5 | 14.9 | 17.3 | 12.3 | 20.7 |
| 49 to 60 | 8.2 | 22.2 | 24.5 | 14.2 | 18.9 | 19.8 | 18.6 | 21.8 |
| 61 to 84 | 9.6 | 23.9 | 37.6 | 18.8 | 14.7 | 19.6 | 18.2 | 27.5 |
| 85 to 167 | 7.7 | 43.0 | 27.0 | 28.6 | 28.4 | 22.7 | 22.3 | 25.4 |
| Open Continuously | 10.4 | 30.8 | 26.7 | 33.1 | 18.9 | 21.4 | 16.7 | 28.6 |

RSEs for Table B8. Year Constructed, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | | | |
|--|------------------------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | All Buildings | Year Constructed | | | | | | |
| | | 1919 or Before | 1920 to 1945 | 1946 to 1959 | 1960 to 1969 | 1970 to 1979 | 1980 to 1989 | 1990 to 1999 |
| Ownership and Occupancy | | | | | | | | |
| Nongovernment Owned | 4.5 | 11.4 | 12.2 | 7.6 | 8.5 | 9.5 | 7.6 | 14.1 |
| Owner Occupied | 5.4 | 14.3 | 13.7 | 9.7 | 10.9 | 10.5 | 9.6 | 16.7 |
| Nonowner Occupied | 5.8 | 21.0 | 20.9 | 17.3 | 15.4 | 14.1 | 11.4 | 16.6 |
| Unoccupied | 17.1 | 36.6 | 56.0 | 28.7 | 46.1 | 54.4 | 39.2 | 62.9 |
| Government Owned | 9.0 | 34.4 | 23.1 | 20.7 | 15.9 | 17.6 | 20.5 | 21.0 |
| Vacancy Status | | | | | | | | |
| Completely Vacant | 20.7 | 48.5 | 57.1 | 29.3 | 54.1 | 84.6 | 75.7 | 90.0 |
| Mostly Vacant | 22.9 | 46.5 | 37.2 | 72.7 | 50.1 | 63.5 | 72.7 | 96.3 |
| Partially Vacant | 7.3 | 21.4 | 26.2 | 21.6 | 16.0 | 17.8 | 19.1 | 24.2 |
| Not At All Vacant | 4.4 | 12.7 | 12.1 | 8.2 | 7.8 | 8.8 | 8.2 | 14.4 |
| Energy Sources (more than one may apply) | | | | | | | | |
| Electricity | 4.1 | 11.4 | 10.8 | 6.2 | 7.2 | 8.2 | 7.6 | 13.2 |
| Natural Gas | 4.8 | 13.3 | 13.4 | 8.4 | 7.6 | 10.5 | 9.1 | 11.9 |
| Fuel Oil | 16.7 | 33.5 | 33.6 | 17.9 | 29.2 | 26.5 | 33.7 | 38.8 |
| District Heat | 15.5 | 48.0 | 39.8 | 33.8 | 13.6 | 55.7 | 40.6 | 43.2 |
| District Chilled Water | 27.2 | 78.1 | 38.6 | 29.6 | 14.6 | 69.2 | 50.8 | 34.2 |
| Propane | 15.0 | 43.3 | 32.4 | 28.0 | 29.4 | 25.8 | 22.4 | 34.2 |
| Other | 18.8 | 55.5 | 57.4 | 33.9 | 40.4 | 43.5 | 38.6 | 58.1 |
| Energy End Uses (more than one may apply) | | | | | | | | |
| Buildings with Space Heating | 4.2 | 11.7 | 11.7 | 7.1 | 7.7 | 9.2 | 8.0 | 12.2 |
| Buildings with Cooling | 3.9 | 11.4 | 12.7 | 7.2 | 7.8 | 8.7 | 7.7 | 12.1 |
| Buildings with Water Heating | 4.4 | 12.5 | 12.3 | 7.7 | 8.3 | 9.8 | 7.9 | 13.0 |
| Buildings with Cooking | 5.8 | 20.6 | 21.4 | 16.7 | 15.9 | 13.6 | 16.4 | 19.4 |
| Buildings with Manufacturing | 16.7 | 62.7 | 53.3 | 38.8 | 46.9 | 36.2 | 26.3 | 64.8 |
| Buildings with Electricity Generation | 14.2 | 59.3 | 24.4 | 40.1 | 31.7 | 24.6 | 26.9 | 28.7 |
| Percent of Floorspace Heated | | | | | | | | |
| Not Heated | 10.5 | 27.1 | 27.8 | 25.7 | 23.3 | 24.7 | 19.1 | 40.1 |
| 1 to 50 | 10.9 | 27.5 | 25.3 | 24.8 | 19.2 | 22.2 | 17.9 | 33.3 |
| 51 to 99 | 8.2 | 23.4 | 16.3 | 23.0 | 20.7 | 23.3 | 16.1 | 25.9 |
| 100 | 4.8 | 16.2 | 12.9 | 8.5 | 9.2 | 9.4 | 9.9 | 13.8 |
| Percent of Floorspace Cooled | | | | | | | | |
| Not Cooled | 10.4 | 21.3 | 18.8 | 17.1 | 20.3 | 15.3 | 18.4 | 31.4 |
| 1 to 50 | 9.1 | 18.4 | 20.1 | 13.4 | 17.5 | 14.9 | 19.2 | 23.1 |
| 51 to 99 | 6.9 | 24.1 | 18.1 | 21.6 | 17.2 | 16.7 | 14.1 | 21.7 |
| 100 | 4.5 | 25.4 | 20.3 | 10.9 | 11.3 | 10.6 | 9.6 | 16.0 |
| Percent Lit When Open | | | | | | | | |
| Zero | 49.1 | 0.0 | 0.0 | 91.6 | 75.5 | 76.0 | 47.7 | 90.5 |
| 1 to 50 | 9.0 | 19.1 | 18.8 | 17.9 | 21.0 | 23.0 | 22.8 | 29.5 |
| 51 to 99 | 6.4 | 20.6 | 15.8 | 16.6 | 12.1 | 13.9 | 13.1 | 18.1 |
| 100 | 5.8 | 22.0 | 17.2 | 12.0 | 11.2 | 11.5 | 9.0 | 16.5 |
| Building Never Open/ Electricity Not Used | 13.0 | 30.2 | 31.7 | 24.4 | 27.0 | 35.0 | 28.1 | 51.8 |
| Heating Equipment (more than one may apply) | | | | | | | | |
| Heat Pumps | 10.5 | 29.6 | 37.7 | 19.0 | 24.0 | 26.4 | 21.1 | 24.6 |
| Furnaces | 7.4 | 19.4 | 17.1 | 16.2 | 13.3 | 12.8 | 14.8 | 16.8 |
| Individual Space Heaters | 6.7 | 24.7 | 18.1 | 14.3 | 15.6 | 15.6 | 19.4 | 27.1 |
| District Heat | 16.5 | 48.4 | 39.8 | 33.9 | 13.8 | 64.8 | 45.7 | 22.6 |
| Boilers | 7.9 | 15.1 | 23.1 | 15.1 | 18.7 | 19.3 | 21.9 | 29.8 |
| Packaged Heating Units | 6.3 | 34.4 | 21.1 | 16.3 | 13.1 | 15.3 | 10.0 | 18.7 |
| Other | 15.1 | 71.8 | 57.9 | 36.7 | 38.7 | 34.8 | 26.6 | 55.9 |

RSEs for Table B8. Year Constructed, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | | | |
|---|------------------------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | All Buildings | Year Constructed | | | | | | |
| | | 1919 or Before | 1920 to 1945 | 1946 to 1959 | 1960 to 1969 | 1970 to 1979 | 1980 to 1989 | 1990 to 1999 |
| Cooling Equipment (more than one may apply) | | | | | | | | |
| Residential-Type Central | | | | | | | | |
| Air Conditioners | 10.3 | 26.3 | 26.2 | 21.8 | 22.5 | 20.1 | 17.0 | 28.3 |
| Heat Pumps | 10.4 | 64.2 | 35.9 | 19.8 | 24.4 | 24.9 | 21.9 | 24.7 |
| Individual Air Conditioners | 8.0 | 19.7 | 14.7 | 15.6 | 16.7 | 19.1 | 21.0 | 25.2 |
| District Chilled Water | 27.2 | 78.1 | 38.6 | 29.6 | 14.6 | 69.2 | 50.8 | 34.2 |
| Central Chillers | 14.5 | 52.7 | 36.8 | 15.6 | 23.1 | 13.6 | 23.6 | 41.0 |
| Packaged Air Conditioning | | | | | | | | |
| Units | 4.7 | 21.4 | 17.2 | 12.4 | 10.8 | 12.3 | 9.4 | 16.7 |
| Swamp Coolers | 17.0 | 61.5 | 49.5 | 35.3 | 40.2 | 34.3 | 48.7 | 33.0 |
| Other | 29.6 | 84.9 | 50.2 | 34.0 | 52.5 | 54.9 | 50.6 | 92.9 |
| Main Equipment Replaced Since 1995 (more than one may apply) | | | | | | | | |
| Heating | 6.8 | 22.4 | 24.1 | 11.9 | 16.7 | 13.6 | 15.5 | 27.9 |
| Cooling | 5.9 | 19.2 | 22.0 | 12.4 | 14.9 | 13.7 | 16.0 | 28.7 |
| Lighting Equipment Types (more than one may apply) | | | | | | | | |
| Incandescent | 4.9 | 12.1 | 12.5 | 10.8 | 10.6 | 10.5 | 9.4 | 15.2 |
| Standard Fluorescent | 4.1 | 11.9 | 11.4 | 7.0 | 7.5 | 9.0 | 7.7 | 13.0 |
| Compact Fluorescent | 9.0 | 25.6 | 23.8 | 23.7 | 17.7 | 18.6 | 14.8 | 21.2 |
| High Intensity Discharge | 10.9 | 26.1 | 29.8 | 26.4 | 17.5 | 20.9 | 17.9 | 25.5 |
| Halogen | 9.1 | 27.9 | 28.1 | 22.1 | 22.6 | 20.0 | 19.0 | 22.1 |
| Other | 32.3 | 83.8 | 67.2 | 48.3 | 62.6 | 53.1 | 60.0 | 58.1 |
| Personal Computers | | | | | | | | |
| None | 7.0 | 19.9 | 18.0 | 12.0 | 15.1 | 11.4 | 13.3 | 24.1 |
| 1 to 4 | 7.2 | 18.4 | 14.5 | 11.8 | 14.0 | 14.0 | 15.2 | 20.1 |
| 5 to 9 | 8.1 | 39.7 | 27.6 | 21.1 | 25.4 | 16.5 | 17.4 | 20.6 |
| 10 to 19 | 11.6 | 31.7 | 30.1 | 24.2 | 25.0 | 29.2 | 19.9 | 29.8 |
| 20 to 49 | 11.1 | 38.7 | 32.3 | 25.4 | 26.3 | 20.0 | 24.2 | 30.5 |
| 50 to 99 | 11.0 | 22.4 | 41.4 | 16.7 | 19.2 | 15.9 | 28.1 | 15.8 |
| 100 to 249 | 8.8 | 25.4 | 23.1 | 19.0 | 20.8 | 10.8 | 15.2 | 12.9 |
| 250 or More | 8.5 | 34.1 | 20.6 | 21.2 | 17.7 | 16.8 | 14.0 | 21.0 |
| Photocopiers | | | | | | | | |
| None | 5.4 | 15.3 | 14.8 | 7.2 | 11.1 | 10.7 | 10.5 | 18.3 |
| One | 6.8 | 20.4 | 20.0 | 14.1 | 15.4 | 15.1 | 15.2 | 17.4 |
| 2 to 4 | 7.9 | 33.5 | 27.5 | 18.7 | 17.5 | 18.7 | 16.2 | 23.1 |
| 5 to 9 | 17.7 | 27.7 | 31.8 | 18.6 | 21.0 | 28.6 | 19.0 | 42.3 |
| 10 or More | 12.0 | 26.6 | 20.9 | 54.3 | 11.8 | 14.2 | 17.3 | 15.3 |
| Other Electronic Equipment (more than one may apply) | | | | | | | | |
| Laser Printers | 5.1 | 14.1 | 14.0 | 10.8 | 11.1 | 13.2 | 8.7 | 15.3 |
| FAX Machines | 5.1 | 12.2 | 12.9 | 8.8 | 11.0 | 10.2 | 9.2 | 13.0 |
| Medical Diagnostic Equipment | 19.8 | 98.7 | 62.6 | 48.0 | 49.3 | 40.7 | 37.4 | 45.2 |
| Energy-Related Space Functions (more than one may apply) | | | | | | | | |
| Commercial Food Preparation | 5.8 | 19.2 | 22.0 | 19.5 | 16.6 | 13.5 | 17.4 | 20.6 |
| Activities with Large Amounts of Hot Water | 6.3 | 25.2 | 20.5 | 17.6 | 16.6 | 13.9 | 17.2 | 17.9 |
| Building Shell Conservation Features (more than one may apply) | | | | | | | | |
| Multipaned Windows | 6.5 | 16.6 | 13.6 | 14.0 | 10.2 | 12.3 | 11.4 | 12.5 |
| Tinted, Reflective, or Shading Glass | 5.7 | 22.8 | 25.2 | 16.3 | 14.6 | 14.0 | 10.8 | 15.7 |

RSEs for Table B8. Year Constructed, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | | | |
|---|------------------------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | All Buildings | Year Constructed | | | | | | |
| | | 1919 or Before | 1920 to 1945 | 1946 to 1959 | 1960 to 1969 | 1970 to 1979 | 1980 to 1989 | 1990 to 1999 |
| HVAC Conservation Features | | | | | | | | |
| (more than one may apply) | | | | | | | | |
| Variable Air-Volume System | 9.8 | 44.0 | 30.1 | 28.6 | 23.5 | 19.8 | 17.8 | 19.8 |
| Economizer Cycle | 8.2 | 37.7 | 22.4 | 25.3 | 13.5 | 19.7 | 18.3 | 20.7 |
| HVAC Maintenance | 4.8 | 15.7 | 13.6 | 10.0 | 8.9 | 11.1 | 8.5 | 13.4 |
| Energy Management and Control System (EMCS) | 10.3 | 40.9 | 23.2 | 23.3 | 17.4 | 18.5 | 20.8 | 18.3 |
| Lighting Conservation Features | | | | | | | | |
| (more than one may apply) | | | | | | | | |
| Specular Reflectors | 8.8 | 29.5 | 25.1 | 21.1 | 20.0 | 17.5 | 14.4 | 19.6 |
| Electronic Ballasts | 5.3 | 19.0 | 17.1 | 10.0 | 12.6 | 10.8 | 10.8 | 15.5 |
| Skylights or Atriums | 8.6 | 23.8 | 30.8 | 21.4 | 20.2 | 21.2 | 13.5 | 28.4 |

RSEs for Table B9. Year Constructed, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | | | |
|--|---------------------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | All Buildings | Year Constructed | | | | | | |
| | | 1919 or Before | 1920 to 1945 | 1946 to 1959 | 1960 to 1969 | 1970 to 1979 | 1980 to 1989 | 1990 to 1999 |
| All Buildings | 3.5 | 7.2 | 9.0 | 7.7 | 6.2 | 5.8 | 6.1 | 6.3 |
| Building Floorspace (Square Feet) | | | | | | | | |
| 1,001 to 5,000 | 6.1 | 22.7 | 17.0 | 12.4 | 12.0 | 11.7 | 13.7 | 18.9 |
| 5,001 to 10,000 | 7.1 | 21.8 | 20.9 | 14.8 | 15.1 | 17.3 | 14.9 | 24.0 |
| 10,001 to 25,000 | 6.8 | 23.5 | 23.0 | 17.7 | 15.4 | 14.0 | 13.3 | 17.9 |
| 25,001 to 50,000 | 6.8 | 15.4 | 15.4 | 15.4 | 14.1 | 11.7 | 13.7 | 10.2 |
| 50,001 to 100,000 | 10.2 | 21.1 | 24.7 | 16.2 | 17.4 | 12.5 | 14.4 | 11.4 |
| 100,001 to 200,000 | 6.4 | 24.5 | 29.5 | 16.8 | 14.2 | 13.9 | 14.4 | 11.3 |
| 200,001 to 500,000 | 6.6 | 40.8 | 27.6 | 22.4 | 15.3 | 13.7 | 12.9 | 12.8 |
| Over 500,000 | 11.1 | 60.4 | 36.3 | 28.7 | 19.0 | 24.7 | 17.6 | 16.7 |
| Principal Building Activity | | | | | | | | |
| Education | 6.2 | 22.5 | 18.2 | 15.0 | 13.2 | 18.9 | 22.4 | 13.5 |
| Food Sales | 16.0 | 100.8 | 52.3 | 46.3 | 39.3 | 50.0 | 28.3 | 18.8 |
| Food Service | 9.7 | 35.6 | 34.1 | 46.1 | 31.9 | 20.7 | 26.7 | 41.9 |
| Health Care | 7.6 | 79.7 | 51.8 | 18.8 | 20.0 | 11.2 | 17.7 | 17.8 |
| Inpatient | 9.9 | 100.0 | 55.5 | 23.3 | 22.6 | 16.1 | 19.6 | 26.7 |
| Outpatient | 10.3 | 79.1 | 97.8 | 31.5 | 39.9 | 27.1 | 29.5 | 21.6 |
| Lodging | 11.0 | 32.5 | 42.1 | 22.2 | 18.7 | 23.4 | 13.7 | 17.7 |
| Mercantile | 8.8 | 24.0 | 36.7 | 17.6 | 17.0 | 16.4 | 13.7 | 12.6 |
| Retail (Other Than Mall) | 10.7 | 24.5 | 32.0 | 21.9 | 26.1 | 23.9 | 21.7 | 16.0 |
| Enclosed and Strip Malls | 10.3 | 57.1 | 60.4 | 27.6 | 21.1 | 18.4 | 15.0 | 20.0 |
| Office | 6.9 | 18.0 | 18.7 | 20.3 | 13.5 | 13.4 | 10.9 | 15.0 |
| Public Assembly | 10.8 | 32.7 | 24.1 | 27.0 | 23.4 | 24.1 | 23.5 | 20.2 |
| Public Order and Safety | 22.2 | 31.7 | 63.3 | 52.2 | 41.2 | 33.1 | 50.5 | 28.6 |
| Religious Worship | 12.0 | 20.3 | 57.3 | 21.8 | 22.0 | 25.2 | 37.8 | 38.5 |
| Service | 11.8 | 50.1 | 28.6 | 30.1 | 16.5 | 22.7 | 22.7 | 28.2 |
| Warehouse and Storage | 9.4 | 29.3 | 27.8 | 18.3 | 18.4 | 17.9 | 16.0 | 13.5 |
| Other | 13.6 | 86.8 | 35.2 | 43.3 | 21.4 | 25.3 | 29.0 | 38.7 |
| Vacant | 12.2 | 28.2 | 32.2 | 23.9 | 26.6 | 35.2 | 37.7 | 42.3 |
| Floors | | | | | | | | |
| One | 4.9 | 26.3 | 21.8 | 9.3 | 8.7 | 7.1 | 9.5 | 9.8 |
| Two | 6.1 | 20.3 | 18.8 | 12.1 | 10.4 | 11.2 | 9.4 | 11.2 |
| Three | 7.4 | 13.3 | 18.9 | 19.3 | 16.3 | 19.8 | 16.7 | 13.2 |
| Four to Nine | 5.7 | 14.2 | 12.5 | 19.2 | 16.2 | 18.8 | 12.5 | 15.2 |
| Ten or More | 10.7 | 38.5 | 29.3 | 29.0 | 16.8 | 19.9 | 10.6 | 22.8 |
| Census Region | | | | | | | | |
| Northeast | 7.7 | 16.6 | 21.0 | 14.4 | 13.7 | 20.3 | 19.8 | 14.6 |
| Midwest | 5.0 | 13.8 | 14.6 | 13.8 | 10.6 | 10.5 | 14.3 | 14.0 |
| South | 5.3 | 24.0 | 17.1 | 10.9 | 11.5 | 7.3 | 8.9 | 11.9 |
| West | 6.0 | 26.9 | 18.3 | 17.9 | 10.1 | 11.7 | 11.2 | 10.6 |
| Workers (main shift) | | | | | | | | |
| Fewer than 5 | 6.3 | 12.4 | 14.1 | 10.2 | 10.8 | 13.2 | 15.9 | 19.0 |
| 5 to 9 | 7.6 | 21.8 | 24.3 | 18.3 | 17.9 | 15.1 | 20.6 | 13.7 |
| 10 to 19 | 6.7 | 23.7 | 21.8 | 15.5 | 13.7 | 14.8 | 14.6 | 17.7 |
| 20 to 49 | 6.6 | 22.4 | 18.2 | 14.7 | 12.4 | 10.8 | 12.2 | 12.0 |
| 50 to 99 | 8.9 | 26.4 | 25.3 | 20.9 | 13.4 | 17.9 | 11.7 | 9.9 |
| 100 to 249 | 7.2 | 25.6 | 25.5 | 18.3 | 13.7 | 16.0 | 16.2 | 12.0 |
| 250 or More | 6.3 | 39.8 | 17.5 | 19.1 | 13.7 | 13.0 | 9.9 | 13.2 |
| Weekly Operating Hours | | | | | | | | |
| 39 or Fewer | 9.8 | 22.8 | 24.3 | 17.0 | 15.6 | 14.1 | 23.6 | 28.2 |
| 40 to 48 | 6.1 | 20.9 | 15.1 | 13.3 | 12.3 | 11.6 | 13.1 | 15.7 |
| 49 to 60 | 6.1 | 20.9 | 17.1 | 13.1 | 17.3 | 13.3 | 12.7 | 11.1 |
| 61 to 84 | 6.1 | 19.9 | 26.9 | 17.4 | 11.5 | 13.0 | 10.7 | 13.3 |
| 85 to 167 | 7.0 | 29.6 | 23.4 | 22.1 | 15.5 | 17.0 | 15.4 | 9.7 |
| Open Continuously | 5.0 | 23.0 | 25.0 | 16.1 | 13.8 | 11.0 | 9.6 | 9.1 |

RSEs for Table B9. Year Constructed, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | | | |
|--|---------------------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | All Buildings | Year Constructed | | | | | | |
| | | 1919 or Before | 1920 to 1945 | 1946 to 1959 | 1960 to 1969 | 1970 to 1979 | 1980 to 1989 | 1990 to 1999 |
| Ownership and Occupancy | | | | | | | | |
| Nongovernment Owned | 4.2 | 7.4 | 10.4 | 9.0 | 7.8 | 6.7 | 5.8 | 7.3 |
| Owner Occupied | 4.5 | 9.4 | 11.1 | 10.0 | 8.8 | 8.3 | 6.0 | 8.2 |
| Nonowner Occupied | 6.4 | 16.2 | 18.0 | 16.2 | 13.3 | 10.2 | 10.9 | 9.7 |
| Unoccupied | 14.6 | 29.8 | 34.9 | 25.4 | 30.4 | 40.6 | 48.0 | 51.7 |
| Government Owned | 4.6 | 24.2 | 16.0 | 12.3 | 9.1 | 12.2 | 16.2 | 9.2 |
| Vacancy Status | | | | | | | | |
| Completely Vacant | 14.5 | 31.2 | 38.0 | 27.7 | 39.4 | 55.8 | 43.0 | 47.9 |
| Mostly Vacant | 20.0 | 38.7 | 39.8 | 42.9 | 36.8 | 40.5 | 75.6 | 84.3 |
| Partially Vacant | 6.2 | 16.0 | 15.5 | 14.6 | 9.4 | 13.8 | 11.5 | 9.9 |
| Not At All Vacant | 3.4 | 6.7 | 10.1 | 8.7 | 7.4 | 5.9 | 6.2 | 7.4 |
| Energy Sources (more than one may apply) | | | | | | | | |
| Electricity | 3.5 | 6.8 | 9.1 | 7.7 | 6.3 | 5.9 | 6.2 | 6.3 |
| Natural Gas | 3.9 | 9.5 | 9.2 | 8.5 | 7.7 | 6.9 | 7.6 | 6.6 |
| Fuel Oil | 6.9 | 19.4 | 17.4 | 16.2 | 13.3 | 16.5 | 10.3 | 10.9 |
| District Heat | 9.9 | 32.0 | 32.0 | 21.6 | 11.1 | 18.8 | 18.9 | 19.4 |
| District Chilled Water | 12.1 | 43.7 | 23.0 | 34.4 | 17.1 | 17.7 | 24.6 | 20.5 |
| Propane | 10.9 | 29.8 | 30.6 | 23.6 | 21.7 | 22.6 | 18.2 | 21.7 |
| Other | 14.0 | 26.1 | 40.9 | 23.8 | 35.4 | 33.3 | 28.7 | 31.0 |
| Energy End Uses (more than one may apply) | | | | | | | | |
| Buildings with Space Heating | 3.5 | 7.3 | 8.4 | 8.0 | 6.5 | 6.5 | 6.1 | 6.2 |
| Buildings with Cooling | 3.8 | 7.8 | 9.2 | 8.3 | 7.3 | 6.0 | 6.4 | 6.6 |
| Buildings with Water Heating | 3.7 | 8.7 | 9.0 | 8.2 | 6.6 | 6.6 | 6.4 | 6.0 |
| Buildings with Cooking | 4.4 | 16.5 | 15.5 | 12.3 | 10.2 | 8.9 | 8.8 | 7.5 |
| Buildings with Manufacturing | 12.7 | 39.1 | 37.2 | 27.7 | 33.0 | 29.9 | 21.5 | 19.3 |
| Buildings with Electricity Generation | 7.4 | 34.5 | 28.6 | 17.4 | 13.0 | 15.0 | 10.2 | 10.3 |
| Percent of Floorspace Heated | | | | | | | | |
| Not Heated | 11.3 | 27.4 | 27.7 | 20.6 | 16.9 | 22.2 | 23.8 | 26.9 |
| 1 to 50 | 8.0 | 27.4 | 21.7 | 15.6 | 14.5 | 17.9 | 18.8 | 15.8 |
| 51 to 99 | 7.1 | 21.1 | 15.0 | 16.1 | 17.9 | 15.2 | 9.4 | 12.3 |
| 100 | 4.0 | 10.8 | 10.9 | 9.5 | 6.7 | 7.6 | 7.5 | 7.2 |
| Percent of Floorspace Cooled | | | | | | | | |
| Not Cooled | 8.8 | 19.5 | 20.6 | 14.9 | 15.7 | 18.5 | 19.2 | 21.9 |
| 1 to 50 | 6.9 | 16.8 | 16.4 | 12.1 | 10.7 | 11.3 | 15.5 | 12.1 |
| 51 to 99 | 4.5 | 18.3 | 13.6 | 11.5 | 10.8 | 10.5 | 8.1 | 9.8 |
| 100 | 5.2 | 15.6 | 18.3 | 11.8 | 8.9 | 9.4 | 8.4 | 7.9 |
| Percent Lit When Open | | | | | | | | |
| Zero | 32.5 | 0.0 | 0.0 | 91.6 | 85.1 | 55.2 | 35.5 | 88.3 |
| 1 to 50 | 8.1 | 16.5 | 18.8 | 16.0 | 16.9 | 20.5 | 15.0 | 19.5 |
| 51 to 99 | 4.9 | 16.0 | 11.0 | 12.8 | 10.6 | 6.8 | 8.5 | 9.5 |
| 100 | 4.2 | 14.6 | 13.8 | 8.7 | 7.8 | 8.8 | 7.1 | 7.2 |
| Building Never Open/ Electricity Not Used | 12.9 | 32.7 | 33.0 | 21.7 | 22.7 | 29.8 | 36.4 | 37.9 |
| Heating Equipment (more than one may apply) | | | | | | | | |
| Heat Pumps | 6.3 | 27.1 | 30.2 | 16.4 | 12.6 | 14.5 | 12.4 | 12.1 |
| Furnaces | 5.5 | 13.0 | 14.6 | 13.2 | 11.3 | 11.5 | 12.5 | 13.4 |
| Individual Space Heaters | 5.0 | 14.8 | 18.1 | 13.0 | 12.2 | 11.1 | 11.6 | 8.9 |
| District Heat | 9.9 | 32.4 | 32.0 | 21.8 | 10.9 | 18.8 | 19.0 | 18.9 |
| Boilers | 5.6 | 13.7 | 14.6 | 10.6 | 10.4 | 13.3 | 12.0 | 10.4 |
| Packaged Heating Units | 4.8 | 18.2 | 15.4 | 14.2 | 10.5 | 8.9 | 6.8 | 7.7 |
| Other | 7.9 | 66.7 | 34.9 | 25.1 | 25.6 | 22.6 | 10.0 | 18.5 |

RSEs for Table B9. Year Constructed, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | | | |
|---|---------------------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | All Buildings | Year Constructed | | | | | | |
| | | 1919 or Before | 1920 to 1945 | 1946 to 1959 | 1960 to 1969 | 1970 to 1979 | 1980 to 1989 | 1990 to 1999 |
| Cooling Equipment (more than one may apply) | | | | | | | | |
| Residential-Type Central | | | | | | | | |
| Air Conditioners | 6.8 | 28.0 | 20.1 | 16.5 | 15.3 | 13.3 | 11.8 | 19.9 |
| Heat Pumps | 6.5 | 27.7 | 29.4 | 17.4 | 13.7 | 13.5 | 12.8 | 12.3 |
| Individual Air Conditioners | 5.9 | 13.0 | 13.9 | 12.2 | 11.8 | 15.8 | 14.1 | 12.4 |
| District Chilled Water | 12.1 | 43.7 | 23.0 | 34.4 | 17.1 | 17.7 | 24.6 | 20.5 |
| Central Chillers | 6.0 | 37.6 | 15.7 | 15.3 | 11.8 | 11.0 | 10.1 | 10.2 |
| Packaged Air Conditioning | | | | | | | | |
| Units | 4.0 | 14.7 | 10.4 | 11.4 | 8.5 | 6.4 | 7.0 | 7.5 |
| Swamp Coolers | 17.5 | 39.1 | 34.5 | 31.5 | 26.3 | 34.8 | 36.3 | 23.8 |
| Other | 16.3 | 75.8 | 62.9 | 37.6 | 34.1 | 36.5 | 26.7 | 24.5 |
| Main Equipment Replaced Since 1995 (more than one may apply) | | | | | | | | |
| Heating | 7.6 | 20.1 | 19.0 | 14.5 | 14.3 | 10.6 | 11.5 | 18.1 |
| Cooling | 5.5 | 12.1 | 16.0 | 13.3 | 12.9 | 8.1 | 10.5 | 17.8 |
| Lighting Equipment Types (more than one may apply) | | | | | | | | |
| Incandescent | 4.2 | 9.0 | 11.1 | 10.7 | 8.2 | 7.9 | 6.4 | 8.3 |
| Standard Fluorescent | 3.5 | 8.0 | 9.4 | 7.4 | 6.5 | 6.1 | 5.9 | 6.5 |
| Compact Fluorescent | 5.7 | 17.0 | 11.8 | 14.8 | 12.3 | 9.9 | 8.7 | 8.2 |
| High Intensity Discharge | 5.4 | 18.8 | 18.6 | 16.1 | 9.4 | 11.0 | 10.6 | 9.3 |
| Halogen | 4.4 | 16.6 | 14.2 | 14.7 | 11.9 | 10.3 | 8.1 | 7.4 |
| Other | 14.6 | 73.5 | 82.3 | 37.4 | 31.6 | 26.3 | 32.7 | 25.4 |
| Personal Computers | | | | | | | | |
| None | 6.3 | 18.3 | 19.2 | 9.8 | 12.0 | 13.9 | 16.0 | 23.5 |
| 1 to 4 | 6.4 | 15.2 | 13.3 | 13.3 | 13.8 | 11.2 | 17.2 | 14.6 |
| 5 to 9 | 7.9 | 29.1 | 24.9 | 20.8 | 17.5 | 12.9 | 14.1 | 13.8 |
| 10 to 19 | 8.4 | 28.3 | 22.2 | 18.6 | 19.3 | 16.7 | 19.0 | 15.4 |
| 20 to 49 | 7.4 | 25.8 | 20.0 | 19.4 | 17.3 | 13.5 | 14.0 | 11.1 |
| 50 to 99 | 7.1 | 24.6 | 29.4 | 22.1 | 14.3 | 14.3 | 18.3 | 13.7 |
| 100 to 249 | 7.7 | 23.5 | 27.7 | 21.1 | 17.3 | 19.7 | 14.7 | 12.8 |
| 250 or More | 6.2 | 36.3 | 23.5 | 19.9 | 12.9 | 15.5 | 10.0 | 15.2 |
| Photocopiers | | | | | | | | |
| None | 5.2 | 10.6 | 15.0 | 8.2 | 10.1 | 8.7 | 11.1 | 11.9 |
| One | 6.4 | 20.4 | 17.5 | 12.4 | 10.3 | 13.0 | 10.9 | 11.2 |
| 2 to 4 | 5.5 | 21.4 | 19.1 | 14.8 | 12.6 | 8.9 | 10.9 | 9.6 |
| 5 to 9 | 7.6 | 29.1 | 34.2 | 18.0 | 15.2 | 15.5 | 16.6 | 16.1 |
| 10 or More | 6.3 | 29.2 | 18.2 | 18.6 | 13.0 | 13.5 | 10.1 | 12.8 |
| Other Electronic Equipment (more than one may apply) | | | | | | | | |
| Laser Printers | 4.2 | 10.1 | 10.6 | 9.2 | 7.6 | 7.7 | 6.6 | 6.5 |
| FAX Machines | 3.8 | 8.4 | 8.0 | 8.6 | 7.3 | 6.9 | 6.1 | 6.3 |
| Medical Diagnostic Equipment | 7.9 | 98.7 | 43.9 | 18.5 | 20.8 | 12.0 | 18.3 | 19.5 |
| Energy-Related Space Functions (more than one may apply) | | | | | | | | |
| Commercial Food Preparation | 4.5 | 17.9 | 16.2 | 12.8 | 10.2 | 9.5 | 9.1 | 7.8 |
| Activities with Large Amounts of Hot Water | 4.0 | 18.3 | 15.6 | 12.3 | 9.7 | 9.6 | 8.1 | 7.9 |
| Building Shell Conservation Features (more than one may apply) | | | | | | | | |
| Multipaned Windows | 4.5 | 10.6 | 12.0 | 10.3 | 7.8 | 9.2 | 6.9 | 7.0 |
| Tinted, Reflective, or Shading Glass | 4.8 | 15.2 | 13.5 | 12.4 | 9.7 | 9.2 | 7.0 | 7.1 |

RSEs for Table B9. Year Constructed, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | | | |
|---|---------------------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | All Buildings | Year Constructed | | | | | | |
| | | 1919 or Before | 1920 to 1945 | 1946 to 1959 | 1960 to 1969 | 1970 to 1979 | 1980 to 1989 | 1990 to 1999 |
| HVAC Conservation Features | | | | | | | | |
| (more than one may apply) | | | | | | | | |
| Variable Air-Volume System | 5.4 | 23.9 | 13.7 | 17.0 | 13.1 | 10.8 | 7.2 | 7.9 |
| Economizer Cycle | 5.2 | 18.3 | 16.1 | 13.9 | 9.6 | 10.1 | 8.8 | 7.8 |
| HVAC Maintenance | 3.9 | 10.7 | 10.1 | 8.5 | 7.0 | 6.5 | 6.4 | 6.9 |
| Energy Management and Control System (EMCS) | 5.4 | 21.4 | 15.8 | 12.6 | 9.5 | 11.6 | 8.5 | 6.4 |
| Lighting Conservation Features | | | | | | | | |
| (more than one may apply) | | | | | | | | |
| Specular Reflectors | 6.0 | 19.3 | 16.7 | 13.8 | 12.9 | 13.1 | 7.7 | 6.5 |
| Electronic Ballasts | 3.9 | 11.0 | 11.2 | 9.1 | 9.1 | 6.3 | 6.4 | 6.1 |
| Skylights or Atriums | 5.8 | 19.6 | 17.7 | 12.9 | 11.6 | 12.6 | 8.7 | 7.6 |

RSEs for Table B10. Employment Size Category, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | | | |
|--|------------------------------|----------------------|----------------|------------------|------------------|------------------|--------------------|---------------------|
| | All Buildings | Number of Workers | | | | | | |
| | | Fewer than 5 Workers | 5 to 9 Workers | 10 to 19 Workers | 20 to 49 Workers | 50 to 99 Workers | 100 to 249 Workers | 250 or More Workers |
| All Buildings | 4.2 | 6.0 | 7.9 | 7.6 | 9.0 | 10.7 | 11.7 | 8.6 |
| Building Floorspace (Square Feet) | | | | | | | | |
| 1,001 to 5,000 | 6.8 | 7.8 | 11.4 | 16.9 | 27.6 | 70.9 | 92.5 | 0.0 |
| 5,001 to 10,000 | 6.7 | 11.6 | 14.8 | 12.7 | 20.0 | 52.4 | 80.5 | 0.0 |
| 10,001 to 25,000 | 7.1 | 14.1 | 17.1 | 14.0 | 11.0 | 22.3 | 31.2 | 72.6 |
| 25,001 to 50,000 | 6.9 | 13.4 | 17.3 | 12.3 | 10.0 | 12.1 | 11.4 | 38.9 |
| 50,001 to 100,000 | 10.3 | 22.6 | 43.2 | 20.0 | 11.1 | 13.7 | 15.5 | 19.9 |
| 100,001 to 200,000 | 6.3 | 30.4 | 33.3 | 26.3 | 13.1 | 11.5 | 10.0 | 12.0 |
| 200,001 to 500,000 | 6.5 | 39.9 | 44.1 | 37.5 | 23.5 | 20.3 | 12.4 | 8.7 |
| Over 500,000 | 10.7 | 51.9 | 0.0 | 53.8 | 70.3 | 47.3 | 26.3 | 11.0 |
| Principal Building Activity | | | | | | | | |
| Education | 12.3 | 24.9 | 29.8 | 19.0 | 16.7 | 13.2 | 12.7 | 36.5 |
| Food Sales | 17.2 | 21.9 | 44.6 | 51.1 | 22.9 | 33.2 | 41.9 | 100.0 |
| Food Service | 9.3 | 20.0 | 24.7 | 17.6 | 27.7 | 86.2 | 56.7 | 0.0 |
| Health Care | 17.6 | 36.9 | 39.0 | 31.4 | 36.5 | 47.5 | 23.4 | 16.3 |
| Inpatient | 25.6 | 0.0 | 99.9 | 100.0 | 91.6 | 40.2 | 25.6 | 11.9 |
| Outpatient | 19.1 | 36.9 | 39.7 | 31.8 | 38.6 | 54.9 | 34.0 | 49.3 |
| Lodging | 11.4 | 19.0 | 23.0 | 33.9 | 16.3 | 42.7 | 21.0 | 53.9 |
| Mercantile | 9.1 | 15.2 | 16.7 | 20.4 | 16.6 | 25.1 | 33.6 | 20.4 |
| Retail (Other Than Mall) | 10.8 | 15.3 | 19.6 | 23.8 | 34.1 | 24.4 | 68.3 | 45.5 |
| Enclosed and Strip Malls | 17.7 | 50.8 | 46.8 | 36.6 | 26.3 | 29.7 | 18.2 | 21.4 |
| Office | 8.3 | 15.7 | 13.4 | 18.0 | 19.7 | 13.8 | 14.1 | 10.4 |
| Public Assembly | 13.5 | 17.0 | 34.7 | 45.2 | 39.5 | 25.1 | 70.4 | 40.0 |
| Public Order and Safety | 28.1 | 81.1 | 53.5 | 43.0 | 43.7 | 40.9 | 34.4 | 45.9 |
| Religious Worship | 12.1 | 16.0 | 29.6 | 32.9 | 48.0 | 58.4 | 71.1 | 99.3 |
| Service | 12.8 | 14.3 | 27.7 | 30.9 | 30.0 | 42.0 | 23.4 | 44.7 |
| Warehouse and Storage | 12.4 | 16.6 | 28.4 | 23.5 | 15.3 | 31.1 | 22.1 | 26.3 |
| Other | 22.0 | 32.7 | 45.7 | 25.0 | 87.8 | 46.4 | 30.2 | 45.9 |
| Vacant | 14.5 | 14.6 | 68.6 | 61.4 | 98.2 | 83.6 | 0.0 | 102.1 |
| Year Constructed | | | | | | | | |
| 1919 or Before | 11.3 | 14.7 | 28.8 | 20.1 | 28.4 | 23.9 | 65.4 | 37.7 |
| 1920 to 1945 | 10.9 | 13.1 | 25.1 | 25.7 | 27.3 | 23.1 | 26.8 | 27.7 |
| 1946 to 1959 | 6.7 | 9.8 | 16.8 | 16.0 | 19.2 | 31.5 | 19.3 | 23.2 |
| 1960 to 1969 | 7.4 | 12.5 | 20.0 | 19.3 | 21.5 | 15.5 | 30.1 | 17.5 |
| 1970 to 1979 | 8.1 | 12.0 | 12.8 | 19.5 | 19.4 | 25.2 | 14.1 | 13.4 |
| 1980 to 1989 | 7.4 | 11.2 | 20.6 | 17.0 | 17.5 | 13.3 | 15.7 | 13.0 |
| 1990 to 1999 | 12.9 | 19.6 | 20.6 | 23.2 | 26.8 | 10.9 | 12.0 | 17.3 |
| Floors | | | | | | | | |
| One | 5.4 | 7.5 | 9.7 | 9.2 | 12.2 | 15.2 | 20.9 | 22.0 |
| Two | 7.4 | 12.3 | 14.9 | 14.4 | 13.0 | 17.1 | 13.5 | 20.5 |
| Three | 9.0 | 14.2 | 18.7 | 27.9 | 20.7 | 26.3 | 29.1 | 14.9 |
| Four to Nine | 9.8 | 20.7 | 39.1 | 37.0 | 24.4 | 26.0 | 13.6 | 11.1 |
| Ten or More | 12.7 | 54.6 | 100.9 | 84.9 | 78.1 | 49.5 | 21.1 | 13.5 |
| Census Region | | | | | | | | |
| Northeast | 8.0 | 18.6 | 17.4 | 24.4 | 19.8 | 23.7 | 12.6 | 15.7 |
| Midwest | 9.7 | 12.7 | 15.5 | 18.4 | 22.4 | 11.8 | 27.7 | 15.5 |
| South | 5.6 | 8.2 | 10.4 | 11.3 | 12.4 | 11.1 | 20.0 | 13.5 |
| West | 10.8 | 16.7 | 16.1 | 18.8 | 13.0 | 21.3 | 10.6 | 13.8 |
| Weekly Operating Hours | | | | | | | | |
| 39 or Fewer | 10.3 | 10.9 | 31.5 | 40.0 | 37.9 | 34.8 | 41.8 | 94.0 |
| 40 to 48 | 5.9 | 10.3 | 13.7 | 11.9 | 16.7 | 11.9 | 32.7 | 25.6 |
| 49 to 60 | 8.2 | 14.4 | 14.1 | 17.3 | 18.4 | 16.7 | 25.0 | 14.2 |
| 61 to 84 | 9.6 | 16.0 | 19.6 | 19.2 | 20.3 | 24.5 | 12.6 | 13.1 |
| 85 to 167 | 7.7 | 14.5 | 21.3 | 19.6 | 19.7 | 27.2 | 14.0 | 17.2 |
| Open Continuously | 10.4 | 16.6 | 22.4 | 27.0 | 21.4 | 20.7 | 12.9 | 10.6 |

RSEs for Table B10. Employment Size Category, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | | | |
|--|------------------------------|----------------------|----------------|------------------|------------------|------------------|--------------------|---------------------|
| | All Buildings | Number of Workers | | | | | | |
| | | Fewer than 5 Workers | 5 to 9 Workers | 10 to 19 Workers | 20 to 49 Workers | 50 to 99 Workers | 100 to 249 Workers | 250 or More Workers |
| Ownership and Occupancy | | | | | | | | |
| Nongovernment Owned | 4.5 | 6.2 | 7.9 | 8.6 | 10.9 | 12.7 | 14.1 | 9.1 |
| Owner Occupied | 5.4 | 7.7 | 9.7 | 9.9 | 13.5 | 13.1 | 19.5 | 10.9 |
| Nonowner Occupied | 5.8 | 8.2 | 12.7 | 16.6 | 14.6 | 19.6 | 12.0 | 13.3 |
| Unoccupied | 17.1 | 17.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Government Owned | 9.0 | 15.3 | 21.7 | 19.2 | 15.9 | 11.8 | 11.4 | 17.1 |
| Vacancy Status | | | | | | | | |
| Completely Vacant | 20.7 | 20.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Mostly Vacant | 22.9 | 24.0 | 68.6 | 61.4 | 98.2 | 83.6 | 0.0 | 102.1 |
| Partially Vacant | 7.3 | 12.1 | 17.6 | 21.8 | 19.1 | 20.4 | 22.6 | 12.0 |
| Not At All Vacant | 4.4 | 6.7 | 9.3 | 8.3 | 8.9 | 11.6 | 13.1 | 9.9 |
| Number of Establishments | | | | | | | | |
| One | 4.7 | 6.3 | 9.0 | 9.9 | 9.5 | 9.7 | 17.3 | 13.8 |
| 2 to 5 | 9.4 | 17.5 | 16.3 | 15.2 | 18.4 | 23.2 | 16.8 | 24.5 |
| 6 to 10 | 15.0 | 50.1 | 32.5 | 46.3 | 17.0 | 34.3 | 21.3 | 17.9 |
| 11 to 20 | 16.8 | 57.5 | 85.0 | 67.5 | 21.9 | 29.2 | 17.3 | 17.9 |
| More than 20 | 25.4 | 73.9 | 72.1 | 87.8 | 82.3 | 37.9 | 24.2 | 12.6 |
| Currently Unoccupied | 16.4 | 16.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Energy Sources (more than one may apply) | | | | | | | | |
| Electricity | 4.1 | 5.9 | 8.1 | 7.6 | 9.0 | 10.7 | 11.7 | 8.6 |
| Natural Gas | 4.8 | 8.0 | 8.5 | 9.8 | 11.3 | 11.3 | 14.4 | 9.8 |
| Fuel Oil | 16.7 | 25.3 | 31.2 | 35.5 | 17.1 | 20.0 | 13.5 | 10.5 |
| District Heat | 15.5 | 31.1 | 38.5 | 36.6 | 27.5 | 38.9 | 16.4 | 18.8 |
| District Chilled Water | 27.2 | 68.2 | 49.6 | 32.6 | 32.3 | 43.6 | 24.3 | 23.2 |
| Propane | 15.0 | 19.5 | 28.1 | 32.0 | 26.8 | 20.4 | 19.4 | 29.2 |
| Other | 18.8 | 25.6 | 59.7 | 41.2 | 49.6 | 28.8 | 62.0 | 27.8 |
| Energy End Uses (more than one may apply) | | | | | | | | |
| Buildings with Space Heating | 4.2 | 6.4 | 8.2 | 7.8 | 8.9 | 10.7 | 10.8 | 8.5 |
| Buildings with Cooling | 3.9 | 6.6 | 8.5 | 7.9 | 9.6 | 10.8 | 11.9 | 8.6 |
| Buildings with Water Heating | 4.4 | 8.2 | 8.2 | 8.5 | 8.9 | 10.6 | 11.9 | 8.6 |
| Buildings with Cooking | 5.8 | 12.9 | 16.7 | 11.2 | 10.7 | 13.3 | 9.3 | 8.6 |
| Buildings with Manufacturing | 16.7 | 28.1 | 39.3 | 36.7 | 40.0 | 47.1 | 27.6 | 26.6 |
| Buildings with Electricity Generation | 14.2 | 44.9 | 45.9 | 31.6 | 27.9 | 14.0 | 27.6 | 10.4 |
| Percent of Floorspace Heated | | | | | | | | |
| Not Heated | 10.5 | 10.8 | 38.6 | 30.7 | 38.3 | 31.6 | 65.2 | 35.7 |
| 1 to 50 | 10.9 | 12.1 | 24.2 | 26.8 | 15.4 | 40.3 | 23.6 | 26.7 |
| 51 to 99 | 8.2 | 12.5 | 16.7 | 18.7 | 25.2 | 16.4 | 18.0 | 15.0 |
| 100 | 4.8 | 7.6 | 10.1 | 10.0 | 10.0 | 12.0 | 11.7 | 9.5 |
| Percent of Floorspace Cooled | | | | | | | | |
| Not Cooled | 10.4 | 10.4 | 18.1 | 36.2 | 26.1 | 28.0 | 38.2 | 48.2 |
| 1 to 50 | 9.1 | 11.4 | 16.8 | 19.6 | 19.8 | 20.5 | 33.4 | 18.1 |
| 51 to 99 | 6.9 | 12.3 | 17.3 | 16.5 | 19.3 | 19.6 | 22.3 | 10.0 |
| 100 | 4.5 | 9.1 | 11.1 | 11.8 | 13.2 | 13.0 | 9.4 | 11.1 |
| Percent Lit When Open | | | | | | | | |
| Zero | 49.1 | 60.0 | 83.4 | 81.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1 to 50 | 9.0 | 12.3 | 19.1 | 21.5 | 29.2 | 23.2 | 43.0 | 52.8 |
| 51 to 99 | 6.4 | 10.9 | 14.0 | 10.8 | 13.9 | 18.1 | 25.9 | 13.2 |
| 100 | 5.8 | 8.9 | 10.6 | 12.0 | 10.8 | 9.5 | 7.6 | 9.6 |
| Building Never Open/ Electricity Not Used | 13.0 | 13.2 | 90.0 | 74.2 | 0.0 | 0.0 | 0.0 | 0.0 |

RSEs for Table B10. Employment Size Category, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | | | |
|---|------------------------------|----------------------|----------------|------------------|------------------|------------------|--------------------|---------------------|
| | All Buildings | Number of Workers | | | | | | |
| | | Fewer than 5 Workers | 5 to 9 Workers | 10 to 19 Workers | 20 to 49 Workers | 50 to 99 Workers | 100 to 249 Workers | 250 or More Workers |
| Heating Equipment (more than one may apply) | | | | | | | | |
| Heat Pumps | 10.5 | 18.0 | 21.3 | 19.2 | 21.9 | 26.3 | 15.2 | 13.2 |
| Furnaces | 7.4 | 9.0 | 14.3 | 13.9 | 17.5 | 22.8 | 35.6 | 18.9 |
| Individual Space Heaters | 6.7 | 10.4 | 14.9 | 14.3 | 17.4 | 15.9 | 12.4 | 15.2 |
| District Heat | 16.5 | 35.2 | 43.8 | 33.3 | 27.7 | 41.5 | 14.8 | 18.7 |
| Boilers | 7.9 | 18.3 | 18.3 | 16.0 | 14.6 | 10.7 | 10.3 | 11.6 |
| Packaged Heating Units | 6.3 | 11.1 | 14.2 | 13.1 | 13.0 | 11.8 | 9.7 | 10.8 |
| Other | 15.1 | 20.9 | 37.5 | 47.7 | 36.4 | 47.5 | 22.2 | 15.6 |
| Cooling Equipment (more than one may apply) | | | | | | | | |
| Residential-Type Central | | | | | | | | |
| Air Conditioners | 10.3 | 14.3 | 20.2 | 19.5 | 29.9 | 35.1 | 42.7 | 16.9 |
| Heat Pumps | 10.4 | 16.3 | 21.0 | 20.1 | 22.5 | 25.5 | 15.3 | 13.3 |
| Individual Air Conditioners | 8.0 | 10.0 | 19.9 | 17.1 | 22.6 | 23.1 | 31.7 | 14.3 |
| District Chilled Water | 27.2 | 68.2 | 49.6 | 32.6 | 32.3 | 43.6 | 24.3 | 23.2 |
| Central Chillers | 14.5 | 48.1 | 39.2 | 32.4 | 19.2 | 15.0 | 11.6 | 10.8 |
| Packaged Air Conditioning | | | | | | | | |
| Units | 4.7 | 8.6 | 9.3 | 10.7 | 9.9 | 11.3 | 9.7 | 9.2 |
| Swamp Coolers | 17.0 | 20.4 | 34.8 | 46.1 | 34.9 | 25.9 | 26.7 | 34.9 |
| Other | 29.6 | 52.7 | 72.9 | 35.5 | 47.4 | 31.5 | 30.4 | 22.5 |
| Lighting Equipment Types (more than one may apply) | | | | | | | | |
| Incandescent | 4.9 | 8.3 | 9.5 | 10.4 | 10.7 | 15.0 | 17.1 | 9.7 |
| Standard Fluorescent | 4.1 | 6.7 | 8.0 | 8.0 | 8.7 | 11.0 | 12.0 | 8.7 |
| Compact Fluorescent | 9.0 | 15.3 | 20.3 | 20.3 | 16.3 | 13.8 | 9.7 | 9.8 |
| High Intensity Discharge | 10.9 | 21.9 | 20.4 | 24.5 | 15.3 | 12.5 | 9.8 | 8.9 |
| Halogen | 9.1 | 18.8 | 22.6 | 18.5 | 16.2 | 16.8 | 21.5 | 10.5 |
| Other | 32.3 | 43.4 | 66.8 | 60.8 | 69.5 | 37.7 | 42.5 | 34.0 |
| Personal Computers | | | | | | | | |
| None | 7.0 | 7.7 | 20.3 | 27.2 | 50.2 | 78.5 | 63.2 | 86.5 |
| 1 to 4 | 7.2 | 9.6 | 12.5 | 14.7 | 19.2 | 38.5 | 58.1 | 71.3 |
| 5 to 9 | 8.1 | 33.0 | 13.6 | 15.7 | 18.4 | 18.1 | 35.5 | 60.9 |
| 10 to 19 | 11.6 | 32.5 | 36.2 | 19.6 | 17.1 | 31.3 | 20.5 | 66.0 |
| 20 to 49 | 11.1 | 47.8 | 44.2 | 27.3 | 16.6 | 12.5 | 12.7 | 36.4 |
| 50 to 99 | 11.0 | 60.4 | 42.3 | 61.1 | 23.6 | 11.7 | 14.3 | 29.9 |
| 100 to 249 | 8.8 | 26.1 | 64.8 | 70.2 | 23.8 | 16.4 | 12.8 | 12.6 |
| 250 or More | 8.5 | 73.8 | 0.0 | 90.3 | 51.2 | 34.0 | 13.3 | 9.9 |
| Photocopiers | | | | | | | | |
| None | 5.4 | 6.3 | 11.7 | 12.0 | 16.4 | 23.9 | 39.8 | 32.8 |
| One | 6.8 | 11.5 | 10.7 | 13.4 | 12.7 | 25.6 | 23.5 | 44.5 |
| 2 to 4 | 7.9 | 29.2 | 24.1 | 14.3 | 11.8 | 12.3 | 10.6 | 23.3 |
| 5 to 9 | 17.7 | 85.3 | 100.0 | 28.2 | 38.7 | 15.0 | 12.1 | 21.2 |
| 10 or More | 12.0 | 100.7 | 95.3 | 73.6 | 31.9 | 29.9 | 12.3 | 8.7 |
| Other Electronic Equipment (more than one may apply) | | | | | | | | |
| Laser Printers | 5.1 | 11.0 | 9.8 | 9.9 | 10.3 | 11.4 | 12.7 | 8.4 |
| FAX Machines | 5.1 | 8.4 | 8.6 | 9.2 | 9.7 | 10.7 | 11.8 | 8.4 |
| Medical Diagnostic Equipment | 19.8 | 44.7 | 39.0 | 64.6 | 38.7 | 53.1 | 24.3 | 16.5 |
| Lighting Conservation Features (more than one may apply) | | | | | | | | |
| Specular Reflectors | 8.8 | 14.8 | 19.4 | 16.5 | 15.7 | 16.1 | 12.1 | 10.4 |
| Electronic Ballasts | 5.3 | 8.6 | 10.1 | 12.4 | 11.3 | 12.7 | 8.6 | 8.1 |
| Skylights or Atriums | 8.6 | 15.9 | 23.0 | 19.1 | 18.0 | 13.5 | 11.2 | 8.9 |

RSEs for Table B10. Employment Size Category, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | | | |
|---|------------------------------|----------------------|----------------|------------------|------------------|------------------|--------------------|---------------------|
| | All Buildings | Number of Workers | | | | | | |
| | | Fewer than 5 Workers | 5 to 9 Workers | 10 to 19 Workers | 20 to 49 Workers | 50 to 99 Workers | 100 to 249 Workers | 250 or More Workers |
| Off-Hour Equipment Reduction (more than one may apply) | | | | | | | | |
| Heating | 5.0 | 8.2 | 9.6 | 8.6 | 9.6 | 12.7 | 9.9 | 10.5 |
| Cooling | 4.3 | 8.4 | 10.0 | 8.6 | 9.8 | 13.0 | 15.0 | 10.3 |
| Lighting | 4.4 | 6.8 | 8.9 | 7.6 | 9.5 | 11.4 | 13.0 | 10.0 |
| Office Equipment | 8.5 | 86.9 | 59.0 | 33.0 | 17.5 | 13.1 | 10.5 | 17.6 |

RSEs for Table B11. Employment Size Category, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | | | |
|--|---------------------------|----------------------|----------------|------------------|------------------|------------------|--------------------|---------------------|
| | All Buildings | Number of Workers | | | | | | |
| | | Fewer than 5 Workers | 5 to 9 Workers | 10 to 19 Workers | 20 to 49 Workers | 50 to 99 Workers | 100 to 249 Workers | 250 or More Workers |
| All Buildings | 3.5 | 6.3 | 7.6 | 6.7 | 6.6 | 8.9 | 7.2 | 6.3 |
| Building Floorspace (Square Feet) | | | | | | | | |
| 1,001 to 5,000 | 6.1 | 7.8 | 11.9 | 16.7 | 29.4 | 71.4 | 84.2 | 0.0 |
| 5,001 to 10,000 | 7.1 | 12.2 | 14.1 | 13.6 | 20.6 | 53.0 | 77.4 | 0.0 |
| 10,001 to 25,000 | 6.8 | 14.5 | 16.2 | 13.6 | 9.9 | 22.7 | 32.2 | 76.0 |
| 25,001 to 50,000 | 6.8 | 14.2 | 17.2 | 12.5 | 9.9 | 11.8 | 11.2 | 37.5 |
| 50,001 to 100,000 | 10.2 | 21.3 | 41.1 | 20.5 | 11.4 | 13.6 | 16.0 | 19.7 |
| 100,001 to 200,000 | 6.4 | 32.2 | 31.9 | 25.0 | 13.6 | 12.2 | 10.3 | 12.4 |
| 200,001 to 500,000 | 6.6 | 36.7 | 42.6 | 38.4 | 24.1 | 21.5 | 12.7 | 9.5 |
| Over 500,000 | 11.1 | 56.3 | 0.0 | 67.5 | 66.5 | 49.5 | 28.1 | 11.5 |
| Principal Building Activity | | | | | | | | |
| Education | 6.2 | 27.0 | 32.3 | 17.5 | 10.9 | 12.5 | 14.1 | 22.3 |
| Food Sales | 16.0 | 28.2 | 38.2 | 48.2 | 22.5 | 33.4 | 43.9 | 100.0 |
| Food Service | 9.7 | 24.0 | 25.5 | 19.6 | 26.0 | 62.8 | 74.0 | 0.0 |
| Health Care | 7.6 | 35.9 | 41.9 | 35.7 | 24.9 | 19.3 | 23.3 | 10.3 |
| Inpatient | 9.9 | 0.0 | 99.9 | 100.0 | 67.2 | 36.3 | 32.1 | 10.7 |
| Outpatient | 10.3 | 35.9 | 44.2 | 37.6 | 31.8 | 26.3 | 32.9 | 34.6 |
| Lodging | 11.0 | 17.7 | 22.9 | 26.8 | 17.7 | 25.1 | 25.0 | 56.4 |
| Mercantile | 8.8 | 16.2 | 19.6 | 18.9 | 12.3 | 15.5 | 18.5 | 21.0 |
| Retail (Other Than Mall) | 10.7 | 16.7 | 21.7 | 25.6 | 21.8 | 23.0 | 19.2 | 42.2 |
| Enclosed and Strip Malls | 10.3 | 67.9 | 44.5 | 27.0 | 19.9 | 18.1 | 21.7 | 21.2 |
| Office | 6.9 | 21.0 | 15.6 | 17.8 | 17.5 | 17.4 | 13.7 | 7.5 |
| Public Assembly | 10.8 | 17.4 | 24.1 | 16.4 | 22.0 | 30.5 | 24.8 | 38.0 |
| Public Order and Safety | 22.2 | 86.3 | 36.0 | 37.9 | 34.3 | 36.9 | 31.3 | 49.4 |
| Religious Worship | 12.0 | 16.9 | 31.9 | 30.0 | 38.2 | 69.4 | 65.6 | 99.3 |
| Service | 11.8 | 18.1 | 24.3 | 24.5 | 21.4 | 34.6 | 45.0 | 57.7 |
| Warehouse and Storage | 9.4 | 13.7 | 18.9 | 16.7 | 15.2 | 20.2 | 18.3 | 20.3 |
| Other | 13.6 | 32.3 | 36.0 | 30.8 | 55.3 | 36.8 | 32.6 | 47.0 |
| Vacant | 12.2 | 13.2 | 63.7 | 60.2 | 72.6 | 71.1 | 0.0 | 102.1 |
| Year Constructed | | | | | | | | |
| 1919 or Before | 7.2 | 12.4 | 21.8 | 23.7 | 22.4 | 26.4 | 25.6 | 39.8 |
| 1920 to 1945 | 9.0 | 14.1 | 24.3 | 21.8 | 18.2 | 25.3 | 25.5 | 17.5 |
| 1946 to 1959 | 7.7 | 10.2 | 18.3 | 15.5 | 14.7 | 20.9 | 18.3 | 19.1 |
| 1960 to 1969 | 6.2 | 10.8 | 17.9 | 13.7 | 12.4 | 13.4 | 13.7 | 13.7 |
| 1970 to 1979 | 5.8 | 13.2 | 15.1 | 14.8 | 10.8 | 17.9 | 16.0 | 13.0 |
| 1980 to 1989 | 6.1 | 15.9 | 20.6 | 14.6 | 12.2 | 11.7 | 16.2 | 9.9 |
| 1990 to 1999 | 6.3 | 19.0 | 13.7 | 17.7 | 12.0 | 9.9 | 12.0 | 13.2 |
| Floors | | | | | | | | |
| One | 4.9 | 7.7 | 11.3 | 7.4 | 8.9 | 11.4 | 12.8 | 18.3 |
| Two | 6.1 | 12.4 | 12.4 | 12.4 | 9.4 | 13.2 | 12.3 | 14.1 |
| Three | 7.4 | 15.7 | 19.9 | 21.5 | 14.4 | 16.9 | 12.5 | 19.3 |
| Four to Nine | 5.7 | 21.1 | 20.4 | 26.1 | 15.2 | 21.1 | 11.1 | 8.8 |
| Ten or More | 10.7 | 46.7 | 100.9 | 51.1 | 64.5 | 48.2 | 22.2 | 11.2 |
| Census Region | | | | | | | | |
| Northeast | 7.7 | 20.3 | 19.8 | 21.1 | 14.5 | 17.0 | 12.1 | 12.5 |
| Midwest | 5.0 | 11.1 | 10.9 | 17.5 | 13.0 | 11.2 | 14.4 | 9.9 |
| South | 5.3 | 8.9 | 10.2 | 9.9 | 8.3 | 10.7 | 11.5 | 12.1 |
| West | 6.0 | 14.3 | 13.9 | 14.0 | 11.1 | 15.8 | 12.0 | 12.5 |
| Weekly Operating Hours | | | | | | | | |
| 39 or Fewer | 9.8 | 11.6 | 23.6 | 21.6 | 33.8 | 36.0 | 42.6 | 81.7 |
| 40 to 48 | 6.1 | 11.6 | 17.0 | 10.3 | 10.7 | 13.4 | 15.6 | 23.0 |
| 49 to 60 | 6.1 | 12.4 | 12.2 | 15.2 | 13.4 | 13.9 | 13.7 | 11.9 |
| 61 to 84 | 6.1 | 16.5 | 17.6 | 14.3 | 14.0 | 15.1 | 14.5 | 11.8 |
| 85 to 167 | 7.0 | 18.8 | 19.5 | 16.8 | 12.8 | 14.7 | 15.7 | 16.1 |
| Open Continuously | 5.0 | 13.5 | 14.7 | 21.9 | 11.7 | 12.9 | 10.6 | 9.7 |

RSEs for Table B11. Employment Size Category, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | | | |
|--|---------------------------|----------------------|----------------|------------------|------------------|------------------|--------------------|---------------------|
| | All Buildings | Number of Workers | | | | | | |
| | | Fewer than 5 Workers | 5 to 9 Workers | 10 to 19 Workers | 20 to 49 Workers | 50 to 99 Workers | 100 to 249 Workers | 250 or More Workers |
| Ownership and Occupancy | | | | | | | | |
| Nongovernment Owned | 4.2 | 6.3 | 7.9 | 7.7 | 7.9 | 10.1 | 8.7 | 7.4 |
| Owner Occupied | 4.5 | 8.3 | 9.9 | 9.8 | 9.0 | 12.5 | 9.1 | 8.0 |
| Nonowner Occupied | 6.4 | 8.9 | 13.1 | 10.7 | 10.4 | 14.6 | 12.6 | 14.3 |
| Unoccupied | 14.6 | 14.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Government Owned | 4.6 | 18.7 | 20.7 | 13.4 | 10.0 | 11.7 | 9.1 | 13.4 |
| Vacancy Status | | | | | | | | |
| Completely Vacant | 14.5 | 14.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Mostly Vacant | 20.0 | 23.4 | 63.7 | 60.2 | 72.6 | 71.1 | 0.0 | 102.1 |
| Partially Vacant | 6.2 | 13.2 | 14.0 | 17.2 | 12.2 | 12.7 | 12.5 | 11.6 |
| Not At All Vacant | 3.4 | 7.1 | 8.7 | 7.3 | 6.3 | 9.4 | 7.8 | 7.3 |
| Number of Establishments | | | | | | | | |
| One | 3.5 | 6.4 | 7.5 | 8.7 | 6.3 | 8.5 | 7.8 | 8.3 |
| 2 to 5 | 6.5 | 21.2 | 17.0 | 11.3 | 11.3 | 16.6 | 16.4 | 17.9 |
| 6 to 10 | 10.1 | 26.1 | 65.1 | 41.2 | 13.5 | 18.4 | 20.9 | 18.8 |
| 11 to 20 | 12.1 | 59.3 | 61.9 | 47.6 | 25.0 | 23.3 | 19.3 | 13.7 |
| More than 20 | 10.2 | 77.3 | 83.8 | 15.2 | 71.8 | 26.1 | 23.2 | 12.4 |
| Currently Unoccupied | 13.5 | 13.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Energy Sources (more than one may apply) | | | | | | | | |
| Electricity | 3.5 | 6.7 | 7.9 | 6.7 | 6.6 | 8.9 | 7.2 | 6.3 |
| Natural Gas | 3.9 | 8.1 | 7.9 | 7.9 | 7.5 | 8.9 | 7.7 | 7.7 |
| Fuel Oil | 6.9 | 24.0 | 22.9 | 27.5 | 13.3 | 18.2 | 11.8 | 8.9 |
| District Heat | 9.9 | 23.4 | 27.4 | 30.6 | 22.7 | 18.5 | 20.9 | 14.1 |
| District Chilled Water | 12.1 | 38.5 | 49.9 | 34.7 | 29.6 | 20.5 | 22.6 | 17.5 |
| Propane | 10.9 | 21.7 | 31.7 | 19.3 | 18.7 | 23.1 | 22.1 | 29.3 |
| Other | 14.0 | 23.8 | 61.9 | 41.3 | 23.4 | 33.7 | 29.3 | 32.3 |
| Energy End Uses (more than one may apply) | | | | | | | | |
| Buildings with Space Heating | 3.5 | 6.8 | 8.0 | 7.0 | 6.5 | 8.9 | 7.3 | 6.2 |
| Buildings with Cooling | 3.8 | 7.6 | 8.7 | 7.5 | 7.4 | 8.8 | 7.2 | 6.4 |
| Buildings with Water Heating | 3.7 | 9.3 | 8.2 | 7.1 | 6.3 | 8.9 | 7.2 | 6.2 |
| Buildings with Cooking | 4.4 | 17.2 | 14.1 | 14.4 | 7.1 | 10.7 | 10.0 | 8.1 |
| Buildings with Manufacturing | 12.7 | 29.5 | 34.3 | 22.9 | 22.2 | 32.7 | 26.7 | 27.1 |
| Buildings with Electricity Generation | 7.4 | 35.9 | 34.1 | 29.0 | 14.2 | 15.9 | 15.2 | 9.1 |
| Percent of Floorspace Heated | | | | | | | | |
| Not Heated | 11.3 | 10.8 | 35.5 | 23.0 | 33.0 | 33.1 | 30.4 | 43.7 |
| 1 to 50 | 8.0 | 15.0 | 18.5 | 18.7 | 17.2 | 22.8 | 25.3 | 27.7 |
| 51 to 99 | 7.1 | 15.9 | 19.0 | 16.3 | 17.9 | 17.3 | 16.7 | 14.5 |
| 100 | 4.0 | 8.9 | 9.8 | 9.3 | 7.4 | 9.3 | 7.6 | 6.3 |
| Percent of Floorspace Cooled | | | | | | | | |
| Not Cooled | 8.8 | 9.4 | 16.5 | 26.9 | 22.9 | 26.8 | 42.2 | 45.1 |
| 1 to 50 | 6.9 | 12.1 | 13.4 | 15.2 | 12.9 | 14.9 | 12.6 | 15.6 |
| 51 to 99 | 4.5 | 14.5 | 19.6 | 15.2 | 12.4 | 11.2 | 11.3 | 8.7 |
| 100 | 5.2 | 8.8 | 11.5 | 10.7 | 9.4 | 12.5 | 9.2 | 9.6 |
| Percent Lit When Open | | | | | | | | |
| Zero | 32.5 | 43.9 | 73.1 | 71.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1 to 50 | 8.1 | 12.0 | 17.6 | 17.0 | 16.8 | 19.5 | 41.2 | 37.9 |
| 51 to 99 | 4.9 | 12.4 | 15.5 | 10.1 | 10.0 | 10.4 | 10.7 | 9.5 |
| 100 | 4.2 | 9.2 | 9.8 | 10.0 | 8.3 | 10.9 | 7.8 | 7.0 |
| Building Never Open/ Electricity Not Used | 12.9 | 13.2 | 96.4 | 71.3 | 0.0 | 0.0 | 0.0 | 0.0 |

RSEs for Table B11. Employment Size Category, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | | | |
|---|---------------------------|----------------------|----------------|------------------|------------------|------------------|--------------------|---------------------|
| | All Buildings | Number of Workers | | | | | | |
| | | Fewer than 5 Workers | 5 to 9 Workers | 10 to 19 Workers | 20 to 49 Workers | 50 to 99 Workers | 100 to 249 Workers | 250 or More Workers |
| Heating Equipment (more than one may apply) | | | | | | | | |
| Heat Pumps | 6.3 | 20.0 | 23.3 | 16.9 | 14.8 | 14.3 | 16.3 | 12.1 |
| Furnaces | 5.5 | 9.2 | 12.5 | 13.0 | 11.8 | 19.6 | 16.4 | 15.7 |
| Individual Space Heaters | 5.0 | 9.8 | 15.0 | 12.0 | 10.8 | 10.9 | 14.2 | 11.4 |
| District Heat | 9.9 | 23.2 | 28.7 | 28.8 | 23.1 | 18.9 | 21.0 | 13.9 |
| Boilers | 5.6 | 17.5 | 16.5 | 16.9 | 9.0 | 12.7 | 9.4 | 9.1 |
| Packaged Heating Units | 4.8 | 11.6 | 15.3 | 10.2 | 9.0 | 9.1 | 9.5 | 9.8 |
| Other | 7.9 | 22.9 | 41.4 | 30.5 | 18.8 | 26.2 | 22.6 | 15.4 |
| Cooling Equipment (more than one may apply) | | | | | | | | |
| Residential-Type Central | | | | | | | | |
| Air Conditioners | 6.8 | 16.2 | 14.6 | 18.7 | 16.3 | 19.4 | 22.3 | 18.4 |
| Heat Pumps | 6.5 | 18.4 | 22.7 | 17.6 | 14.9 | 14.1 | 16.5 | 12.2 |
| Individual Air Conditioners | 5.9 | 12.2 | 18.9 | 16.1 | 13.6 | 11.6 | 9.7 | 12.9 |
| District Chilled Water | 12.1 | 38.5 | 49.9 | 34.7 | 29.6 | 20.5 | 22.6 | 17.5 |
| Central Chillers | 6.0 | 32.9 | 43.1 | 27.2 | 15.2 | 16.7 | 9.6 | 8.0 |
| Packaged Air Conditioning | | | | | | | | |
| Units | 4.0 | 9.4 | 11.2 | 7.4 | 7.5 | 8.9 | 9.0 | 8.2 |
| Swamp Coolers | 17.5 | 27.8 | 41.8 | 36.6 | 26.7 | 24.1 | 23.3 | 36.5 |
| Other | 16.3 | 49.5 | 59.6 | 39.2 | 26.2 | 31.7 | 34.9 | 26.4 |
| Lighting Equipment Types (more than one may apply) | | | | | | | | |
| Incandescent | 4.2 | 8.9 | 9.0 | 9.1 | 6.7 | 11.4 | 9.4 | 7.8 |
| Standard Fluorescent | 3.5 | 7.2 | 8.5 | 7.2 | 6.3 | 9.0 | 7.3 | 6.3 |
| Compact Fluorescent | 5.7 | 12.6 | 15.6 | 14.0 | 9.4 | 11.9 | 9.8 | 8.6 |
| High Intensity Discharge | 5.4 | 20.9 | 22.1 | 16.0 | 9.6 | 10.2 | 10.2 | 8.6 |
| Halogen | 4.4 | 17.4 | 18.9 | 15.1 | 7.9 | 11.0 | 9.9 | 8.9 |
| Other | 14.6 | 37.2 | 52.5 | 25.9 | 31.7 | 35.6 | 41.4 | 30.6 |
| Personal Computers | | | | | | | | |
| None | 6.3 | 7.3 | 19.1 | 20.3 | 44.6 | 45.3 | 61.5 | 77.0 |
| 1 to 4 | 6.4 | 9.4 | 9.7 | 12.8 | 14.1 | 28.3 | 30.0 | 71.5 |
| 5 to 9 | 7.9 | 24.1 | 15.5 | 12.6 | 11.6 | 21.0 | 31.3 | 47.8 |
| 10 to 19 | 8.4 | 42.8 | 28.4 | 17.7 | 10.0 | 17.9 | 21.8 | 49.9 |
| 20 to 49 | 7.4 | 54.7 | 46.9 | 18.8 | 11.1 | 11.7 | 13.4 | 29.3 |
| 50 to 99 | 7.1 | 59.9 | 43.2 | 48.0 | 16.8 | 11.0 | 13.3 | 28.0 |
| 100 to 249 | 7.7 | 28.5 | 63.1 | 60.3 | 24.1 | 15.6 | 10.4 | 12.0 |
| 250 or More | 6.2 | 71.6 | 0.0 | 72.4 | 54.1 | 40.8 | 16.8 | 6.8 |
| Photocopiers | | | | | | | | |
| None | 5.2 | 6.4 | 10.5 | 10.6 | 14.6 | 14.9 | 18.4 | 30.6 |
| One | 6.4 | 12.2 | 11.0 | 11.8 | 7.6 | 13.2 | 31.9 | 37.3 |
| 2 to 4 | 5.5 | 30.1 | 22.1 | 13.0 | 8.4 | 9.4 | 8.8 | 22.8 |
| 5 to 9 | 7.6 | 62.6 | 100.0 | 21.6 | 21.6 | 16.3 | 10.2 | 13.8 |
| 10 or More | 6.3 | 100.7 | 84.5 | 59.1 | 25.0 | 18.5 | 11.2 | 6.7 |
| Other Electronic Equipment (more than one may apply) | | | | | | | | |
| Laser Printers | 4.2 | 12.4 | 10.1 | 8.7 | 7.0 | 9.3 | 7.5 | 6.4 |
| FAX Machines | 3.8 | 8.5 | 8.7 | 7.7 | 6.6 | 8.7 | 7.2 | 6.3 |
| Medical Diagnostic Equipment | 7.9 | 44.1 | 38.7 | 59.7 | 21.3 | 21.8 | 19.7 | 10.3 |
| Lighting Conservation Features (more than one may apply) | | | | | | | | |
| Specular Reflectors | 6.0 | 14.3 | 17.6 | 10.9 | 10.8 | 11.7 | 10.8 | 7.8 |
| Electronic Ballasts | 3.9 | 10.0 | 10.5 | 9.9 | 7.8 | 9.5 | 7.7 | 6.9 |
| Skylights or Atriums | 5.8 | 12.7 | 14.7 | 14.0 | 10.7 | 11.9 | 10.4 | 8.8 |

RSEs for Table B11. Employment Size Category, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | | | |
|---|---------------------------|----------------------|----------------|------------------|------------------|------------------|--------------------|---------------------|
| | All Buildings | Number of Workers | | | | | | |
| | | Fewer than 5 Workers | 5 to 9 Workers | 10 to 19 Workers | 20 to 49 Workers | 50 to 99 Workers | 100 to 249 Workers | 250 or More Workers |
| Off-Hour Equipment Reduction (more than one may apply) | | | | | | | | |
| Heating | 4.0 | 8.5 | 9.8 | 7.7 | 7.2 | 10.0 | 8.8 | 8.2 |
| Cooling | 4.4 | 9.7 | 9.7 | 8.0 | 8.0 | 10.4 | 8.7 | 8.5 |
| Lighting | 4.0 | 7.5 | 8.9 | 7.2 | 7.3 | 9.5 | 8.5 | 7.4 |
| Office Equipment | 6.1 | 58.1 | 63.2 | 26.9 | 10.3 | 11.0 | 10.0 | 13.3 |

RSEs for Table B12. Occupancy of Nongovernment-Owned and Government-Owned Buildings, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | | | | |
|--|------------------------------|-----------------------------------|----------------|-------------------|------------|--------------------------------|---------|-------|-------|
| | All Buildings | Nongovernment-Owned Buildings | | | | Government-Owned Buildings | | | |
| | | All Nongovernment-Owned Buildings | Owner Occupied | Nonowner Occupied | Unoccupied | All Government-Owned Buildings | Federal | State | Local |
| All Buildings | 4.2 | 4.5 | 5.4 | 5.8 | 17.1 | 9.0 | 25.4 | 15.3 | 12.4 |
| Building Floorspace (Square Feet) | | | | | | | | | |
| 1,001 to 5,000 | 6.8 | 7.1 | 8.3 | 9.2 | 21.7 | 15.6 | 43.3 | 55.6 | 20.7 |
| 5,001 to 10,000 | 6.7 | 7.8 | 9.8 | 14.4 | 27.7 | 17.7 | 55.4 | 46.5 | 19.0 |
| 10,001 to 25,000 | 7.1 | 8.0 | 8.8 | 12.4 | 40.8 | 16.8 | 50.6 | 25.3 | 21.5 |
| 25,001 to 50,000 | 6.9 | 8.4 | 9.7 | 12.4 | 28.3 | 7.9 | 30.3 | 19.2 | 13.8 |
| 50,001 to 100,000 | 10.3 | 11.5 | 11.6 | 14.8 | 49.9 | 10.0 | 35.5 | 16.4 | 13.4 |
| 100,001 to 200,000 | 6.3 | 6.7 | 7.7 | 12.6 | 55.2 | 10.3 | 27.8 | 19.9 | 11.9 |
| 200,001 to 500,000 | 6.5 | 8.3 | 8.5 | 16.8 | 46.6 | 11.3 | 38.0 | 17.0 | 17.5 |
| Over 500,000 | 10.7 | 12.6 | 13.4 | 26.6 | 70.9 | 18.2 | 27.2 | 36.0 | 35.8 |
| Principal Building Activity | | | | | | | | | |
| Education | 12.3 | 16.6 | 18.3 | 38.9 | 0.0 | 18.9 | 84.5 | 20.4 | 21.3 |
| Food Sales | 17.2 | 17.2 | 21.3 | 23.8 | 0.0 | 100.2 | 0.0 | 0.0 | 100.2 |
| Food Service | 9.3 | 9.7 | 12.0 | 19.5 | 0.0 | 43.2 | 71.9 | 78.9 | 58.6 |
| Health Care | 17.6 | 20.0 | 19.7 | 34.6 | 0.0 | 62.1 | 35.5 | 53.9 | 75.2 |
| Inpatient | 25.6 | 35.3 | 13.9 | 96.2 | 0.0 | 31.9 | 39.9 | 67.4 | 46.0 |
| Outpatient | 19.1 | 21.3 | 21.5 | 36.2 | 0.0 | 82.9 | 59.3 | 83.9 | 86.8 |
| Lodging | 11.4 | 12.2 | 14.9 | 36.1 | 0.0 | 50.0 | 40.5 | 66.3 | 50.3 |
| Mercantile | 9.1 | 9.1 | 14.0 | 10.7 | 100.2 | 88.9 | 0.0 | 100.0 | 104.0 |
| Retail (Other Than Mall) | 10.8 | 10.8 | 15.7 | 13.7 | 100.2 | 104.0 | 0.0 | 0.0 | 104.0 |
| Enclosed and Strip Malls | 17.7 | 17.7 | 31.8 | 18.8 | 0.0 | 100.0 | 0.0 | 100.0 | 0.0 |
| Office | 8.3 | 8.9 | 10.9 | 15.1 | 0.0 | 15.7 | 61.8 | 24.5 | 29.0 |
| Public Assembly | 13.5 | 15.1 | 17.2 | 38.0 | 89.8 | 23.5 | 76.1 | 21.1 | 26.4 |
| Public Order and Safety | 28.1 | 43.4 | 44.2 | 100.1 | 0.0 | 36.0 | 100.6 | 31.8 | 38.8 |
| Religious Worship | 12.1 | 12.1 | 12.4 | 62.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Service | 12.8 | 13.8 | 17.3 | 18.3 | 0.0 | 26.5 | 21.1 | 41.7 | 32.0 |
| Warehouse and Storage | 12.4 | 13.2 | 13.5 | 22.0 | 44.5 | 27.6 | 68.0 | 78.4 | 51.1 |
| Other | 22.0 | 20.1 | 25.3 | 38.2 | 0.0 | 58.6 | 63.9 | 70.8 | 62.7 |
| Vacant | 14.5 | 15.0 | 40.1 | 40.7 | 19.2 | 50.7 | 71.4 | 91.7 | 74.2 |
| Year Constructed | | | | | | | | | |
| 1919 or Before | 11.3 | 11.4 | 14.3 | 21.0 | 36.6 | 34.4 | 67.6 | 36.0 | 39.2 |
| 1920 to 1945 | 10.9 | 12.2 | 13.7 | 20.9 | 56.0 | 23.1 | 60.7 | 23.3 | 26.9 |
| 1946 to 1959 | 6.7 | 7.6 | 9.7 | 17.3 | 28.7 | 20.7 | 51.8 | 33.1 | 30.8 |
| 1960 to 1969 | 7.4 | 8.5 | 10.9 | 15.4 | 46.1 | 15.9 | 34.5 | 30.6 | 19.0 |
| 1970 to 1979 | 8.1 | 9.5 | 10.5 | 14.1 | 54.4 | 17.6 | 62.3 | 37.6 | 27.9 |
| 1980 to 1989 | 7.4 | 7.6 | 9.6 | 11.4 | 39.2 | 20.5 | 33.4 | 34.9 | 21.9 |
| 1990 to 1999 | 12.9 | 14.1 | 16.7 | 16.6 | 62.9 | 21.0 | 61.5 | 38.6 | 25.2 |
| Floors | | | | | | | | | |
| One | 5.4 | 5.5 | 6.7 | 7.6 | 21.3 | 12.7 | 29.3 | 22.7 | 16.5 |
| Two | 7.4 | 8.1 | 9.1 | 14.7 | 34.7 | 14.3 | 51.7 | 36.6 | 21.9 |
| Three | 9.0 | 9.8 | 10.8 | 22.2 | 50.7 | 16.6 | 36.0 | 14.8 | 23.7 |
| Four to Nine | 9.8 | 12.2 | 13.5 | 32.7 | 37.4 | 28.4 | 29.6 | 18.3 | 44.6 |
| Ten or More | 12.7 | 13.7 | 15.1 | 22.3 | 77.3 | 25.7 | 29.2 | 38.6 | 42.7 |
| Census Region | | | | | | | | | |
| Northeast | 8.0 | 8.4 | 9.5 | 14.7 | 44.5 | 14.7 | 85.2 | 25.0 | 21.4 |
| Midwest | 9.7 | 10.1 | 11.7 | 13.8 | 28.2 | 19.6 | 60.7 | 27.8 | 25.6 |
| South | 5.6 | 5.6 | 7.7 | 8.5 | 29.5 | 13.9 | 44.6 | 33.1 | 20.2 |
| West | 10.8 | 11.2 | 13.1 | 13.9 | 28.5 | 20.4 | 14.8 | 25.3 | 24.2 |

RSEs for Table B12. Occupancy of Nongovernment-Owned and Government-Owned Buildings, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | | | | |
|---|------------------------------|-----------------------------------|----------------|-------------------|------------|--------------------------------|---------|-------|-------|
| | All Buildings | Nongovernment-Owned Buildings | | | | Government-Owned Buildings | | | |
| | | All Nongovernment-Owned Buildings | Owner Occupied | Nonowner Occupied | Unoccupied | All Government-Owned Buildings | Federal | State | Local |
| Workers (main shift) | | | | | | | | | |
| Fewer than 5 | 6.0 | 6.2 | 7.7 | 8.2 | 17.1 | 15.3 | 41.2 | 41.0 | 20.7 |
| 5 to 9 | 7.9 | 7.9 | 9.7 | 12.7 | 0.0 | 21.7 | 44.4 | 38.2 | 23.6 |
| 10 to 19 | 7.6 | 8.6 | 9.9 | 16.6 | 0.0 | 19.2 | 78.0 | 38.8 | 22.8 |
| 20 to 49 | 9.0 | 10.9 | 13.5 | 14.6 | 0.0 | 15.9 | 50.7 | 14.2 | 19.0 |
| 50 to 99 | 10.7 | 12.7 | 13.1 | 19.6 | 0.0 | 11.8 | 28.6 | 28.2 | 11.6 |
| 100 to 249 | 11.7 | 14.1 | 19.5 | 12.0 | 0.0 | 11.4 | 25.7 | 22.0 | 14.5 |
| 250 or More | 8.6 | 9.1 | 10.9 | 13.3 | 0.0 | 17.1 | 43.5 | 24.0 | 20.0 |
| Weekly Operating Hours | | | | | | | | | |
| 39 or Fewer | 10.3 | 10.6 | 12.4 | 22.6 | 17.1 | 23.6 | 67.1 | 41.3 | 27.4 |
| 40 to 48 | 5.9 | 7.0 | 9.1 | 11.4 | 0.0 | 15.3 | 57.5 | 26.4 | 19.7 |
| 49 to 60 | 8.2 | 8.6 | 10.8 | 15.0 | 0.0 | 15.7 | 37.5 | 28.5 | 19.6 |
| 61 to 84 | 9.6 | 9.9 | 12.8 | 14.5 | 0.0 | 12.5 | 27.8 | 18.2 | 17.9 |
| 85 to 167 | 7.7 | 7.9 | 9.8 | 15.3 | 0.0 | 33.7 | 52.4 | 43.0 | 44.7 |
| Open Continuously | 10.4 | 11.2 | 12.5 | 16.6 | 0.0 | 24.0 | 23.2 | 40.0 | 29.0 |
| Vacancy Status | | | | | | | | | |
| Completely Vacant | 20.7 | 20.9 | 0.0 | 0.0 | 20.9 | 65.0 | 0.0 | 0.0 | 65.0 |
| Mostly Vacant | 22.9 | 25.3 | 40.1 | 40.7 | 48.0 | 54.0 | 71.4 | 91.7 | 85.8 |
| Partially Vacant | 7.3 | 8.4 | 12.2 | 12.3 | 42.7 | 27.4 | 66.1 | 21.2 | 32.7 |
| Not At All Vacant | 4.4 | 4.6 | 5.3 | 6.9 | 0.0 | 10.0 | 29.5 | 16.9 | 13.2 |
| Number of Establishments | | | | | | | | | |
| One | 4.7 | 4.9 | 5.9 | 7.8 | 0.0 | 10.7 | 27.3 | 16.7 | 14.4 |
| 2 to 5 | 9.4 | 9.5 | 12.2 | 15.3 | 0.0 | 24.9 | 72.0 | 19.4 | 30.0 |
| 6 to 10 | 15.0 | 15.2 | 26.1 | 18.8 | 0.0 | 33.3 | 66.3 | 51.7 | 48.9 |
| 11 to 20 | 16.8 | 17.3 | 13.5 | 22.3 | 0.0 | 35.7 | 75.5 | 56.4 | 46.7 |
| More than 20 | 25.4 | 25.9 | 37.3 | 23.1 | 0.0 | 44.8 | 100.0 | 60.8 | 64.8 |
| Currently Unoccupied | 16.4 | 17.1 | 0.0 | 0.0 | 17.1 | 55.8 | 100.0 | 91.7 | 58.5 |
| Multibuilding Facility Activity | | | | | | | | | |
| Not Part of a Multibuilding | | | | | | | | | |
| Facility | 4.6 | 4.9 | 6.1 | 6.6 | 18.6 | 15.1 | 20.5 | 28.0 | 17.1 |
| College or University | 19.4 | 26.0 | 27.6 | 78.4 | 100.1 | 13.4 | 70.4 | 13.5 | 58.2 |
| Primary or Secondary School | 17.7 | 24.6 | 26.2 | 65.8 | 100.7 | 24.0 | 99.9 | 30.4 | 25.6 |
| Office Complex | 18.9 | 22.2 | 37.9 | 29.6 | 96.4 | 45.8 | 69.9 | 57.5 | 55.5 |
| Retail Complex | 17.0 | 17.0 | 30.9 | 23.3 | 97.4 | 99.3 | 0.0 | 100.0 | 99.3 |
| Religious Campus or Complex | 19.4 | 19.4 | 19.7 | 72.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Health Care Complex | 24.3 | 31.6 | 35.7 | 60.7 | 70.2 | 45.9 | 83.9 | 75.6 | 77.7 |
| Government Complex | 26.6 | 93.8 | 100.0 | 100.2 | 0.0 | 26.6 | 37.0 | 72.4 | 45.7 |
| Other | 10.6 | 10.7 | 13.1 | 19.7 | 53.5 | 28.5 | 64.1 | 27.4 | 42.2 |
| Energy Sources (more than one may apply) | | | | | | | | | |
| Electricity | 4.1 | 4.4 | 5.4 | 6.1 | 34.5 | 9.4 | 24.9 | 15.4 | 12.7 |
| Natural Gas | 4.8 | 5.3 | 6.6 | 7.6 | 35.1 | 11.5 | 35.2 | 19.2 | 14.0 |
| Fuel Oil | 16.7 | 18.6 | 20.2 | 25.6 | 72.6 | 14.5 | 33.8 | 20.8 | 17.1 |
| District Heat | 15.5 | 20.0 | 20.8 | 50.4 | 0.0 | 25.3 | 61.0 | 28.8 | 44.3 |
| District Chilled Water | 27.2 | 24.5 | 20.2 | 54.9 | 0.0 | 47.7 | 75.4 | 16.2 | 78.2 |
| Propane | 15.0 | 15.5 | 15.8 | 25.4 | 100.2 | 31.2 | 55.5 | 47.6 | 39.7 |
| Other | 18.8 | 19.8 | 22.1 | 35.2 | 100.2 | 39.4 | 69.6 | 70.7 | 38.4 |

RSEs for Table B12. Occupancy of Nongovernment-Owned and Government-Owned Buildings, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | | | | |
|---|------------------------------|-----------------------------------|----------------|-------------------|------------|--------------------------------|---------|-------|-------|
| | All Buildings | Nongovernment-Owned Buildings | | | | Government-Owned Buildings | | | |
| | | All Nongovernment-Owned Buildings | Owner Occupied | Nonowner Occupied | Unoccupied | All Government-Owned Buildings | Federal | State | Local |
| Energy End Uses (more than one may apply) | | | | | | | | | |
| Buildings with Space Heating | 4.2 | 4.5 | 5.6 | 6.0 | 35.3 | 10.3 | 24.7 | 15.6 | 14.0 |
| Buildings with Cooling | 3.9 | 4.3 | 5.4 | 7.0 | 42.9 | 9.0 | 30.0 | 17.8 | 12.4 |
| Buildings with Water Heating | 4.4 | 4.8 | 5.8 | 7.0 | 40.1 | 8.2 | 23.9 | 16.6 | 11.5 |
| Buildings with Cooking | 5.8 | 6.3 | 8.1 | 13.2 | 70.9 | 11.8 | 27.0 | 24.4 | 13.9 |
| Buildings with Manufacturing | 16.7 | 17.2 | 22.4 | 28.3 | 0.0 | 65.2 | 66.7 | 81.7 | 74.7 |
| Buildings with Electricity Generation | 14.2 | 16.5 | 18.4 | 17.0 | 76.5 | 25.2 | 35.1 | 46.5 | 34.6 |
| Percent of Floorspace Heated | | | | | | | | | |
| Not Heated | 10.5 | 11.5 | 15.4 | 21.6 | 17.7 | 33.0 | 95.3 | 65.2 | 36.8 |
| 1 to 50 | 10.9 | 10.9 | 11.7 | 19.8 | 76.7 | 37.1 | 84.5 | 43.6 | 44.5 |
| 51 to 99 | 8.2 | 8.5 | 12.3 | 11.3 | 96.8 | 23.8 | 50.8 | 37.8 | 29.2 |
| 100 | 4.8 | 5.2 | 6.1 | 8.4 | 43.5 | 12.0 | 31.9 | 18.1 | 16.2 |
| Percent of Floorspace Cooled | | | | | | | | | |
| Not Cooled | 10.4 | 10.5 | 12.5 | 18.6 | 17.2 | 21.4 | 61.2 | 32.8 | 24.2 |
| 1 to 50 | 9.1 | 9.9 | 9.4 | 17.1 | 53.2 | 14.8 | 58.5 | 34.4 | 24.4 |
| 51 to 99 | 6.9 | 7.3 | 10.4 | 12.0 | 80.7 | 16.7 | 54.1 | 33.9 | 17.0 |
| 100 | 4.5 | 5.0 | 6.2 | 9.3 | 55.0 | 13.1 | 40.2 | 19.8 | 17.1 |
| Percent Lit When Open | | | | | | | | | |
| Zero | 49.1 | 49.1 | 52.8 | 49.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1 to 50 | 9.0 | 9.2 | 10.5 | 15.7 | 0.0 | 22.5 | 52.7 | 73.2 | 32.3 |
| 51 to 99 | 6.4 | 7.1 | 9.3 | 13.1 | 0.0 | 14.1 | 53.6 | 24.8 | 17.9 |
| 100 | 5.8 | 5.8 | 7.0 | 8.2 | 0.0 | 15.7 | 28.0 | 17.7 | 18.7 |
| Building Never Open/ Electricity Not Used | 13.0 | 12.8 | 22.2 | 36.3 | 17.1 | 38.1 | 68.9 | 91.7 | 45.5 |
| Heating Equipment (more than one may apply) | | | | | | | | | |
| Heat Pumps | 10.5 | 11.8 | 15.0 | 19.0 | 100.1 | 22.9 | 55.2 | 44.9 | 26.9 |
| Furnaces | 7.4 | 7.6 | 9.7 | 11.0 | 50.6 | 20.7 | 66.7 | 33.7 | 22.9 |
| Individual Space Heaters | 6.7 | 7.6 | 8.8 | 14.3 | 86.7 | 14.8 | 47.5 | 27.9 | 20.9 |
| District Heat | 16.5 | 22.2 | 22.3 | 61.6 | 0.0 | 27.1 | 61.0 | 16.7 | 46.4 |
| Boilers | 7.9 | 9.0 | 9.1 | 24.8 | 42.7 | 16.4 | 22.4 | 24.0 | 20.1 |
| Packaged Heating Units | 6.3 | 6.4 | 7.2 | 10.0 | 53.5 | 19.8 | 26.3 | 26.1 | 22.4 |
| Other | 15.1 | 16.7 | 19.8 | 29.5 | 51.3 | 30.2 | 68.7 | 51.0 | 35.9 |
| Cooling Equipment (more than one may apply) | | | | | | | | | |
| Residential-Type Central | | | | | | | | | |
| Air Conditioners | 10.3 | 10.4 | 11.7 | 18.0 | 99.7 | 29.0 | 65.7 | 37.2 | 28.1 |
| Heat Pumps | 10.4 | 12.2 | 14.9 | 18.2 | 100.1 | 23.7 | 57.0 | 49.5 | 23.8 |
| Individual Air Conditioners | 8.0 | 8.9 | 9.1 | 18.6 | 71.1 | 16.3 | 29.1 | 38.5 | 21.6 |
| District Chilled Water | 27.2 | 24.5 | 20.2 | 54.9 | 0.0 | 47.7 | 75.4 | 16.2 | 78.2 |
| Central Chillers | 14.5 | 19.6 | 23.1 | 14.8 | 81.3 | 14.9 | 22.1 | 16.1 | 23.9 |
| Packaged Air Conditioning | | | | | | | | | |
| Units | 4.7 | 5.0 | 6.1 | 8.9 | 46.7 | 12.8 | 17.6 | 25.4 | 15.2 |
| Swamp Coolers | 17.0 | 17.9 | 21.8 | 30.9 | 0.0 | 42.7 | 103.1 | 60.0 | 24.1 |
| Other | 29.6 | 31.9 | 34.8 | 31.7 | 0.0 | 28.2 | 76.9 | 45.3 | 37.9 |
| Main Equipment Replaced Since 1995 (more than one may apply) | | | | | | | | | |
| Heating | 6.8 | 7.2 | 10.0 | 11.4 | 91.1 | 15.7 | 55.5 | 33.1 | 17.7 |
| Cooling | 5.9 | 6.2 | 8.5 | 10.4 | 86.7 | 14.3 | 54.6 | 26.6 | 16.7 |

RSEs for Table B12. Occupancy of Nongovernment-Owned and Government-Owned Buildings, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | | | | |
|--|------------------------------|-----------------------------------|----------------|-------------------|------------|--------------------------------|---------|-------|-------|
| | All Buildings | Nongovernment-Owned Buildings | | | | Government-Owned Buildings | | | |
| | | All Nongovernment-Owned Buildings | Owner Occupied | Nonowner Occupied | Unoccupied | All Government-Owned Buildings | Federal | State | Local |
| Lighting Equipment Types (more than one may apply) | | | | | | | | | |
| Incandescent | 4.9 | 5.0 | 6.1 | 9.5 | 83.4 | 12.6 | 45.4 | 20.9 | 16.4 |
| Standard Fluorescent | 4.1 | 4.4 | 5.3 | 6.2 | 68.4 | 11.2 | 25.7 | 15.6 | 14.5 |
| Compact Fluorescent | 9.0 | 10.1 | 11.5 | 18.6 | 70.9 | 17.7 | 19.7 | 30.6 | 24.2 |
| High Intensity Discharge | 10.9 | 12.0 | 14.6 | 21.1 | 0.0 | 14.2 | 24.3 | 19.7 | 18.3 |
| Halogen | 9.1 | 9.7 | 10.8 | 18.7 | 58.7 | 17.6 | 28.7 | 14.9 | 23.3 |
| Other | 32.3 | 33.0 | 36.6 | 52.6 | 0.0 | 38.0 | 100.0 | 58.1 | 51.8 |
| Personal Computers | | | | | | | | | |
| None | 7.0 | 6.9 | 9.1 | 10.3 | 17.7 | 19.8 | 61.4 | 32.5 | 23.4 |
| 1 to 4 | 7.2 | 7.9 | 8.9 | 11.5 | 49.1 | 20.5 | 52.1 | 40.1 | 26.4 |
| 5 to 9 | 8.1 | 9.6 | 12.7 | 16.8 | 87.5 | 20.5 | 65.2 | 62.6 | 24.1 |
| 10 to 19 | 11.6 | 12.2 | 15.1 | 21.8 | 70.8 | 27.0 | 39.0 | 40.1 | 30.6 |
| 20 to 49 | 11.1 | 14.3 | 18.0 | 21.9 | 0.0 | 18.5 | 55.8 | 29.9 | 22.8 |
| 50 to 99 | 11.0 | 14.5 | 20.8 | 18.3 | 0.0 | 12.1 | 53.4 | 19.4 | 14.6 |
| 100 to 249 | 8.8 | 11.2 | 12.8 | 14.5 | 0.0 | 13.2 | 23.6 | 28.2 | 12.9 |
| 250 or More | 8.5 | 9.5 | 10.1 | 18.8 | 0.0 | 13.8 | 42.3 | 23.6 | 17.3 |
| Photocopiers | | | | | | | | | |
| None | 5.4 | 5.5 | 6.8 | 8.4 | 17.4 | 12.9 | 38.4 | 28.2 | 17.2 |
| One | 6.8 | 7.7 | 8.8 | 16.5 | 70.6 | 14.3 | 53.6 | 36.9 | 22.0 |
| 2 to 4 | 7.9 | 9.4 | 9.9 | 17.0 | 101.3 | 11.0 | 21.5 | 15.0 | 13.9 |
| 5 to 9 | 17.7 | 21.4 | 30.0 | 24.0 | 0.0 | 17.9 | 34.1 | 41.0 | 14.0 |
| 10 or More | 12.0 | 13.7 | 17.2 | 17.7 | 0.0 | 12.1 | 34.1 | 17.3 | 19.5 |
| Other Electronic Equipment (more than one may apply) | | | | | | | | | |
| Laser Printers | 5.1 | 6.1 | 7.2 | 8.9 | 68.5 | 8.8 | 25.7 | 17.9 | 13.1 |
| FAX Machines | 5.1 | 5.6 | 6.3 | 8.3 | 62.7 | 7.0 | 26.4 | 17.0 | 10.6 |
| Medical Diagnostic Equipment | 19.8 | 21.8 | 25.0 | 36.3 | 0.0 | 69.1 | 36.0 | 55.8 | 80.1 |
| Energy-Related Space Functions (more than one may apply) | | | | | | | | | |
| Commercial Food Preparation | 5.8 | 6.4 | 7.9 | 13.4 | 100.1 | 12.2 | 28.6 | 24.6 | 14.4 |
| Activities with Large Amounts of Hot Water | 6.3 | 7.1 | 9.1 | 12.7 | 100.1 | 13.5 | 52.6 | 27.0 | 16.0 |
| Building Shell Conservation Features (more than one may apply) | | | | | | | | | |
| Multipaned Windows | 6.5 | 7.0 | 7.6 | 9.4 | 41.0 | 9.7 | 37.6 | 22.7 | 13.2 |
| Tinted, Reflective, or Shading Glass | 5.7 | 6.1 | 7.4 | 10.6 | 67.2 | 11.6 | 43.8 | 19.2 | 12.9 |
| HVAC Conservation Features (more than one may apply) | | | | | | | | | |
| Variable Air-Volume System | 9.8 | 10.2 | 12.3 | 15.5 | 99.7 | 16.9 | 20.2 | 26.1 | 21.4 |
| Economizer Cycle | 8.2 | 10.8 | 12.2 | 17.3 | 95.6 | 16.0 | 41.1 | 27.1 | 20.8 |
| HVAC Maintenance | 4.8 | 5.3 | 5.9 | 8.0 | 51.3 | 11.0 | 29.8 | 15.8 | 14.4 |
| Energy Management and Control System (EMCS) | 10.3 | 11.5 | 14.0 | 17.7 | 98.2 | 14.9 | 42.4 | 14.7 | 20.0 |
| Lighting Conservation Features (more than one may apply) | | | | | | | | | |
| Specular Reflectors | 8.8 | 10.0 | 10.9 | 17.5 | 96.5 | 15.0 | 51.9 | 11.4 | 20.7 |
| Electronic Ballasts | 5.3 | 5.7 | 7.1 | 8.6 | 66.3 | 11.2 | 33.2 | 17.0 | 13.0 |
| Skylights or Atriums | 8.6 | 9.0 | 10.0 | 18.2 | 67.9 | 19.3 | 27.6 | 27.8 | 25.5 |

RSEs for Table B12. Occupancy of Nongovernment-Owned and Government-Owned Buildings, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | | | | |
|---|------------------------------|-----------------------------------|----------------|-------------------|------------|--------------------------------|---------|-------|-------|
| | All Buildings | Nongovernment-Owned Buildings | | | | Government-Owned Buildings | | | |
| | | All Nongovernment-Owned Buildings | Owner Occupied | Nonowner Occupied | Unoccupied | All Government-Owned Buildings | Federal | State | Local |
| Off-Hour Equipment Reduction (more than one may apply) | | | | | | | | | |
| Heating | 5.0 | 5.3 | 6.6 | 8.1 | 39.5 | 13.4 | 27.5 | 15.3 | 15.6 |
| Cooling | 4.3 | 4.7 | 5.8 | 9.1 | 46.3 | 13.1 | 36.6 | 17.1 | 15.6 |
| Lighting | 4.4 | 4.7 | 5.6 | 6.9 | 0.0 | 12.2 | 27.7 | 16.6 | 15.7 |
| Office Equipment | 8.5 | 13.5 | 16.9 | 21.8 | 0.0 | 10.6 | 36.5 | 22.9 | 13.2 |

RSEs for Table B13. Occupancy of Nongovernment-Owned and Government Owned Buildings, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | | | | |
|--|---------------------------|-----------------------------------|----------------|-------------------|------------|--------------------------------|---------|-------|-------|
| | All Buildings | Nongovernment-Owned Buildings | | | | Government-Owned Buildings | | | |
| | | All Nongovernment-Owned Buildings | Owner Occupied | Nonowner Occupied | Unoccupied | All Government-Owned Buildings | Federal | State | Local |
| All Buildings | 3.5 | 4.2 | 4.5 | 6.4 | 14.6 | 4.6 | 17.9 | 10.2 | 6.4 |
| Building Floorspace (Square Feet) | | | | | | | | | |
| 1,001 to 5,000 | 6.1 | 6.6 | 8.1 | 10.4 | 20.6 | 15.8 | 43.9 | 57.2 | 21.3 |
| 5,001 to 10,000 | 7.1 | 8.1 | 10.5 | 13.1 | 29.7 | 17.9 | 56.1 | 48.2 | 20.5 |
| 10,001 to 25,000 | 6.8 | 7.8 | 8.5 | 11.9 | 45.4 | 16.7 | 43.5 | 22.3 | 21.8 |
| 25,001 to 50,000 | 6.8 | 8.4 | 9.6 | 12.6 | 26.9 | 8.7 | 28.4 | 19.4 | 13.4 |
| 50,001 to 100,000 | 10.2 | 11.4 | 11.5 | 15.1 | 49.1 | 10.1 | 36.9 | 16.3 | 13.7 |
| 100,001 to 200,000 | 6.4 | 6.9 | 8.1 | 13.1 | 50.8 | 10.5 | 27.5 | 19.4 | 12.5 |
| 200,001 to 500,000 | 6.6 | 8.4 | 8.5 | 16.7 | 45.9 | 10.7 | 42.5 | 18.0 | 15.6 |
| Over 500,000 | 11.1 | 13.4 | 14.5 | 24.6 | 71.4 | 19.3 | 30.1 | 36.6 | 34.7 |
| Principal Building Activity | | | | | | | | | |
| Education | 6.2 | 10.2 | 10.9 | 27.6 | 0.0 | 7.3 | 79.2 | 14.3 | 7.5 |
| Food Sales | 16.0 | 15.9 | 20.4 | 20.0 | 0.0 | 100.2 | 0.0 | 0.0 | 100.2 |
| Food Service | 9.7 | 10.4 | 13.5 | 20.8 | 0.0 | 36.8 | 71.1 | 57.9 | 55.2 |
| Health Care | 7.6 | 8.5 | 8.9 | 22.9 | 0.0 | 20.5 | 19.8 | 29.3 | 35.1 |
| Inpatient | 9.9 | 11.4 | 12.2 | 58.2 | 0.0 | 19.4 | 20.8 | 35.1 | 33.7 |
| Outpatient | 10.3 | 11.4 | 15.0 | 20.7 | 0.0 | 46.3 | 61.5 | 71.2 | 62.7 |
| Lodging | 11.0 | 11.2 | 11.4 | 29.0 | 0.0 | 26.0 | 54.6 | 28.3 | 52.2 |
| Mercantile | 8.8 | 8.8 | 12.1 | 10.9 | 100.2 | 71.7 | 0.0 | 100.0 | 104.0 |
| Retail (Other Than Mall) | 10.7 | 10.8 | 14.5 | 11.6 | 100.2 | 104.0 | 0.0 | 0.0 | 104.0 |
| Enclosed and Strip Malls | 10.3 | 10.3 | 15.5 | 14.4 | 0.0 | 100.0 | 0.0 | 100.0 | 0.0 |
| Office | 6.9 | 7.6 | 8.3 | 11.7 | 0.0 | 11.9 | 21.0 | 19.7 | 18.7 |
| Public Assembly | 10.8 | 14.8 | 15.8 | 32.6 | 93.1 | 12.7 | 57.1 | 23.7 | 19.2 |
| Public Order and Safety | 22.2 | 31.6 | 33.3 | 100.1 | 0.0 | 24.9 | 100.6 | 42.2 | 29.3 |
| Religious Worship | 12.0 | 12.0 | 12.1 | 52.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Service | 11.8 | 14.6 | 20.1 | 17.3 | 0.0 | 22.6 | 43.5 | 57.3 | 30.6 |
| Warehouse and Storage | 9.4 | 10.0 | 9.7 | 14.2 | 40.1 | 28.6 | 55.3 | 46.1 | 45.5 |
| Other | 13.6 | 14.3 | 19.3 | 27.5 | 0.0 | 28.0 | 33.1 | 76.9 | 64.5 |
| Vacant | 12.2 | 12.5 | 41.0 | 31.9 | 13.5 | 36.3 | 60.5 | 71.9 | 39.3 |
| Year Constructed | | | | | | | | | |
| 1919 or Before | 7.2 | 7.4 | 9.4 | 16.2 | 29.8 | 24.2 | 63.3 | 35.7 | 25.5 |
| 1920 to 1945 | 9.0 | 10.4 | 11.1 | 18.0 | 34.9 | 16.0 | 62.9 | 26.7 | 19.8 |
| 1946 to 1959 | 7.7 | 9.0 | 10.0 | 16.2 | 25.4 | 12.3 | 35.6 | 16.9 | 17.3 |
| 1960 to 1969 | 6.2 | 7.8 | 8.8 | 13.3 | 30.4 | 9.1 | 29.9 | 25.5 | 10.5 |
| 1970 to 1979 | 5.8 | 6.7 | 8.3 | 10.2 | 40.6 | 12.2 | 27.9 | 25.3 | 14.6 |
| 1980 to 1989 | 6.1 | 5.8 | 6.0 | 10.9 | 48.0 | 16.2 | 37.0 | 22.8 | 20.0 |
| 1990 to 1999 | 6.3 | 7.3 | 8.2 | 9.7 | 51.7 | 9.2 | 26.0 | 16.4 | 11.7 |
| Floors | | | | | | | | | |
| One | 4.9 | 5.2 | 5.7 | 7.5 | 21.8 | 8.5 | 22.6 | 18.8 | 10.5 |
| Two | 6.1 | 6.7 | 7.4 | 12.3 | 22.9 | 11.5 | 42.0 | 18.9 | 14.3 |
| Three | 7.4 | 9.1 | 10.4 | 17.7 | 38.1 | 10.3 | 39.0 | 18.0 | 15.0 |
| Four to Nine | 5.7 | 7.4 | 8.5 | 17.5 | 36.9 | 11.3 | 30.2 | 16.6 | 17.5 |
| Ten or More | 10.7 | 11.1 | 11.2 | 22.0 | 71.3 | 24.6 | 41.0 | 23.4 | 38.4 |
| Census Region | | | | | | | | | |
| Northeast | 7.7 | 9.2 | 11.6 | 14.4 | 37.8 | 11.3 | 40.8 | 25.4 | 14.9 |
| Midwest | 5.0 | 6.3 | 7.3 | 11.1 | 21.3 | 11.8 | 40.3 | 23.4 | 15.3 |
| South | 5.3 | 5.2 | 5.6 | 9.1 | 29.5 | 9.7 | 23.3 | 14.1 | 13.9 |
| West | 6.0 | 7.6 | 7.8 | 10.1 | 14.8 | 8.4 | 43.2 | 23.3 | 11.7 |

RSEs for Table B13. Occupancy of Nongovernment-Owned and Government Owned Buildings, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | | | | |
|---|---------------------------|-----------------------------------|----------------|-------------------|------------|--------------------------------|---------|-------|-------|
| | All Buildings | Nongovernment-Owned Buildings | | | | Government-Owned Buildings | | | |
| | | All Nongovernment-Owned Buildings | Owner Occupied | Nonowner Occupied | Unoccupied | All Government-Owned Buildings | Federal | State | Local |
| Workers (main shift) | | | | | | | | | |
| Fewer than 5 | 6.3 | 6.3 | 8.3 | 8.9 | 14.6 | 18.7 | 53.5 | 19.9 | 25.5 |
| 5 to 9 | 7.6 | 7.9 | 9.9 | 13.1 | 0.0 | 20.7 | 61.2 | 44.7 | 18.7 |
| 10 to 19 | 6.7 | 7.7 | 9.8 | 10.7 | 0.0 | 13.4 | 61.4 | 26.2 | 17.2 |
| 20 to 49 | 6.6 | 7.9 | 9.0 | 10.4 | 0.0 | 10.0 | 42.1 | 14.2 | 11.9 |
| 50 to 99 | 8.9 | 10.1 | 12.5 | 14.6 | 0.0 | 11.7 | 24.2 | 18.1 | 14.1 |
| 100 to 249 | 7.2 | 8.7 | 9.1 | 12.6 | 0.0 | 9.1 | 24.6 | 18.5 | 12.7 |
| 250 or More | 6.3 | 7.4 | 8.0 | 14.3 | 0.0 | 13.4 | 25.5 | 25.9 | 20.7 |
| Weekly Operating Hours | | | | | | | | | |
| 39 or Fewer | 9.8 | 10.6 | 12.6 | 18.5 | 14.6 | 20.5 | 77.8 | 37.2 | 22.0 |
| 40 to 48 | 6.1 | 7.5 | 9.0 | 9.9 | 0.0 | 9.6 | 40.3 | 15.7 | 12.2 |
| 49 to 60 | 6.1 | 6.5 | 8.8 | 10.1 | 0.0 | 11.2 | 23.5 | 20.2 | 14.2 |
| 61 to 84 | 6.1 | 7.2 | 8.4 | 11.2 | 0.0 | 11.8 | 33.2 | 22.2 | 12.4 |
| 85 to 167 | 7.0 | 8.1 | 8.5 | 12.9 | 0.0 | 17.1 | 78.6 | 29.1 | 21.5 |
| Open Continuously | 5.0 | 5.5 | 5.7 | 12.3 | 0.0 | 13.6 | 24.6 | 21.7 | 20.1 |
| Vacancy Status | | | | | | | | | |
| Completely Vacant | 14.5 | 15.1 | 0.0 | 0.0 | 15.1 | 61.3 | 0.0 | 0.0 | 61.3 |
| Mostly Vacant | 20.0 | 21.0 | 41.0 | 31.9 | 28.1 | 42.9 | 60.5 | 71.9 | 52.6 |
| Partially Vacant | 6.2 | 6.5 | 9.2 | 9.1 | 36.8 | 12.9 | 15.0 | 23.7 | 17.8 |
| Not At All Vacant | 3.4 | 4.2 | 4.6 | 6.6 | 0.0 | 5.2 | 22.1 | 10.0 | 6.5 |
| Number of Establishments | | | | | | | | | |
| One | 3.5 | 4.4 | 4.9 | 7.2 | 0.0 | 5.3 | 20.2 | 11.7 | 6.5 |
| 2 to 5 | 6.5 | 7.2 | 9.2 | 9.1 | 0.0 | 14.7 | 36.4 | 18.3 | 23.4 |
| 6 to 10 | 10.1 | 10.2 | 17.6 | 13.5 | 0.0 | 27.8 | 51.5 | 38.5 | 46.5 |
| 11 to 20 | 12.1 | 12.8 | 17.7 | 16.5 | 0.0 | 33.2 | 61.2 | 52.3 | 46.0 |
| More than 20 | 10.2 | 10.2 | 11.6 | 19.0 | 0.0 | 45.8 | 100.0 | 66.4 | 65.6 |
| Currently Unoccupied | 13.5 | 14.6 | 0.0 | 0.0 | 14.6 | 39.2 | 100.0 | 71.9 | 42.9 |
| Multibuilding Facility Activity | | | | | | | | | |
| Not Part of a Multibuilding | | | | | | | | | |
| Facility | 4.0 | 4.4 | 4.8 | 7.5 | 16.2 | 7.2 | 31.6 | 16.3 | 8.2 |
| College or University | 12.4 | 19.1 | 20.4 | 53.9 | 100.1 | 11.9 | 71.7 | 12.7 | 56.9 |
| Primary or Secondary School | 13.1 | 20.8 | 21.5 | 57.9 | 100.7 | 13.9 | 99.9 | 27.1 | 13.5 |
| Office Complex | 11.1 | 12.4 | 18.4 | 14.6 | 78.8 | 31.8 | 37.4 | 34.6 | 63.5 |
| Retail Complex | 13.6 | 14.0 | 23.1 | 15.7 | 86.4 | 75.9 | 0.0 | 100.0 | 79.2 |
| Religious Campus or Complex | 13.4 | 13.4 | 13.6 | 68.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Health Care Complex | 11.3 | 12.5 | 11.9 | 53.6 | 70.6 | 21.1 | 34.1 | 39.1 | 36.3 |
| Government Complex | 21.2 | 74.2 | 100.0 | 100.2 | 0.0 | 21.3 | 33.9 | 30.2 | 35.6 |
| Other | 9.6 | 10.3 | 10.4 | 17.8 | 31.0 | 20.3 | 41.6 | 36.3 | 27.5 |
| Energy Sources (more than one may apply) | | | | | | | | | |
| Electricity | 3.5 | 4.2 | 4.6 | 6.5 | 24.8 | 4.8 | 18.4 | 10.3 | 6.4 |
| Natural Gas | 3.9 | 4.4 | 4.7 | 7.4 | 32.5 | 6.1 | 17.7 | 14.2 | 7.3 |
| Fuel Oil | 6.9 | 8.6 | 9.9 | 17.0 | 79.6 | 9.5 | 27.3 | 20.2 | 10.5 |
| District Heat | 9.9 | 12.9 | 13.9 | 24.2 | 0.0 | 14.6 | 35.3 | 14.1 | 29.6 |
| District Chilled Water | 12.1 | 16.9 | 17.8 | 34.0 | 0.0 | 18.6 | 38.7 | 16.5 | 34.8 |
| Propane | 10.9 | 11.6 | 12.3 | 19.9 | 100.2 | 17.4 | 45.7 | 29.9 | 21.6 |
| Other | 14.0 | 15.8 | 19.1 | 21.6 | 100.2 | 27.4 | 43.0 | 43.5 | 32.7 |

RSEs for Table B13. Occupancy of Nongovernment-Owned and Government Owned Buildings, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | | | | |
|---|---------------------------|-----------------------------------|----------------|-------------------|------------|--------------------------------|---------|-------|-------|
| | All Buildings | Nongovernment-Owned Buildings | | | | Government-Owned Buildings | | | |
| | | All Nongovernment-Owned Buildings | Owner Occupied | Nonowner Occupied | Unoccupied | All Government-Owned Buildings | Federal | State | Local |
| Energy End Uses (more than one may apply) | | | | | | | | | |
| Buildings with Space Heating | 3.5 | 4.3 | 4.7 | 6.3 | 25.8 | 4.6 | 18.4 | 10.5 | 6.1 |
| Buildings with Cooling | 3.8 | 4.6 | 4.9 | 7.0 | 39.9 | 5.0 | 16.4 | 11.0 | 6.2 |
| Buildings with Water Heating | 3.7 | 4.3 | 4.8 | 6.4 | 38.8 | 4.5 | 17.6 | 10.7 | 6.0 |
| Buildings with Cooking | 4.4 | 5.1 | 6.0 | 10.4 | 71.0 | 6.1 | 23.3 | 18.3 | 6.7 |
| Buildings with Manufacturing | 12.7 | 13.1 | 15.0 | 19.1 | 0.0 | 36.1 | 68.7 | 55.6 | 65.7 |
| Buildings with Electricity Generation | 7.4 | 9.0 | 10.0 | 15.3 | 81.3 | 11.0 | 27.0 | 20.4 | 13.1 |
| Percent of Floorspace Heated | | | | | | | | | |
| Not Heated | 11.3 | 12.3 | 17.5 | 19.2 | 16.5 | 33.4 | 92.3 | 35.0 | 39.7 |
| 1 to 50 | 8.0 | 8.0 | 8.5 | 15.2 | 41.6 | 26.3 | 64.9 | 38.8 | 34.3 |
| 51 to 99 | 7.1 | 7.7 | 8.8 | 10.8 | 93.0 | 14.4 | 28.6 | 20.8 | 19.5 |
| 100 | 4.0 | 5.0 | 5.7 | 6.5 | 32.7 | 5.5 | 23.4 | 12.3 | 7.3 |
| Percent of Floorspace Cooled | | | | | | | | | |
| Not Cooled | 8.8 | 9.2 | 9.9 | 15.8 | 12.8 | 18.2 | 57.3 | 28.6 | 25.6 |
| 1 to 50 | 6.9 | 8.4 | 8.6 | 12.3 | 55.9 | 10.5 | 41.3 | 20.3 | 11.8 |
| 51 to 99 | 4.5 | 5.5 | 6.0 | 10.7 | 62.9 | 9.8 | 23.0 | 18.4 | 12.5 |
| 100 | 5.2 | 5.8 | 7.0 | 5.9 | 55.0 | 7.9 | 25.4 | 15.7 | 9.3 |
| Percent Lit When Open | | | | | | | | | |
| Zero | 32.5 | 32.5 | 36.3 | 65.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1 to 50 | 8.1 | 8.5 | 9.7 | 13.5 | 0.0 | 22.3 | 53.7 | 39.3 | 25.2 |
| 51 to 99 | 4.9 | 5.9 | 7.1 | 10.4 | 0.0 | 7.0 | 19.6 | 14.5 | 9.5 |
| 100 | 4.2 | 4.8 | 5.6 | 7.1 | 0.0 | 7.8 | 27.5 | 14.9 | 8.4 |
| Building Never Open/ Electricity Not Used | 12.9 | 12.3 | 23.5 | 30.2 | 14.6 | 41.8 | 87.4 | 71.9 | 47.6 |
| Heating Equipment (more than one may apply) | | | | | | | | | |
| Heat Pumps | 6.3 | 8.1 | 9.3 | 10.6 | 100.1 | 14.0 | 44.0 | 25.3 | 17.9 |
| Furnaces | 5.5 | 6.0 | 7.5 | 9.7 | 35.0 | 15.1 | 41.8 | 30.2 | 17.6 |
| Individual Space Heaters | 5.0 | 5.5 | 6.7 | 9.5 | 50.3 | 10.0 | 25.6 | 25.2 | 9.8 |
| District Heat | 9.9 | 13.3 | 14.3 | 25.0 | 0.0 | 15.2 | 35.3 | 15.0 | 30.2 |
| Boilers | 5.6 | 7.3 | 8.0 | 12.8 | 51.2 | 6.8 | 19.8 | 17.1 | 8.4 |
| Packaged Heating Units | 4.8 | 5.2 | 5.4 | 8.0 | 45.7 | 11.9 | 24.8 | 23.5 | 13.1 |
| Other | 7.9 | 9.2 | 10.9 | 20.1 | 39.3 | 16.9 | 51.4 | 25.5 | 28.9 |
| Cooling Equipment (more than one may apply) | | | | | | | | | |
| Residential-Type Central | | | | | | | | | |
| Air Conditioners | 6.8 | 7.8 | 8.5 | 18.4 | 99.7 | 14.9 | 49.9 | 28.1 | 17.2 |
| Heat Pumps | 6.5 | 7.8 | 8.9 | 10.3 | 100.1 | 14.7 | 49.2 | 26.8 | 17.6 |
| Individual Air Conditioners | 5.9 | 8.2 | 8.7 | 16.6 | 62.1 | 9.6 | 28.8 | 21.8 | 11.6 |
| District Chilled Water | 12.1 | 16.9 | 17.8 | 34.0 | 0.0 | 18.6 | 38.7 | 16.5 | 34.8 |
| Central Chillers | 6.0 | 7.4 | 8.6 | 14.2 | 72.8 | 8.3 | 20.3 | 16.2 | 12.7 |
| Packaged Air Conditioning | | | | | | | | | |
| Units | 4.0 | 4.6 | 4.6 | 7.7 | 47.9 | 7.8 | 21.5 | 19.0 | 8.0 |
| Swamp Coolers | 17.5 | 17.5 | 18.9 | 26.3 | 0.0 | 34.3 | 103.1 | 54.4 | 35.9 |
| Other | 16.3 | 17.7 | 19.6 | 27.2 | 0.0 | 27.3 | 72.6 | 44.1 | 36.7 |
| Main Equipment Replaced Since 1995 (more than one may apply) | | | | | | | | | |
| Heating | 7.6 | 8.0 | 9.4 | 11.8 | 69.0 | 11.6 | 32.4 | 31.5 | 13.2 |
| Cooling | 5.5 | 6.4 | 7.3 | 10.7 | 60.7 | 8.6 | 36.9 | 20.9 | 8.9 |

RSEs for Table B13. Occupancy of Nongovernment-Owned and Government Owned Buildings, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | | | | |
|---|---------------------------|-----------------------------------|----------------|-------------------|------------|--------------------------------|---------|-------|-------|
| | All Buildings | Nongovernment-Owned Buildings | | | | Government-Owned Buildings | | | |
| | | All Nongovernment-Owned Buildings | Owner Occupied | Nonowner Occupied | Unoccupied | All Government-Owned Buildings | Federal | State | Local |
| Lighting Equipment Types (more than one may apply) | | | | | | | | | |
| Incandescent | 4.2 | 4.7 | 5.3 | 7.7 | 57.7 | 6.6 | 20.3 | 12.1 | 8.0 |
| Standard Fluorescent | 3.5 | 4.2 | 4.5 | 6.6 | 36.5 | 4.7 | 17.6 | 10.5 | 6.1 |
| Compact Fluorescent | 5.7 | 6.4 | 7.2 | 10.4 | 70.7 | 9.0 | 18.2 | 15.4 | 13.4 |
| High Intensity Discharge | 5.4 | 6.4 | 7.6 | 9.6 | 0.0 | 8.0 | 24.9 | 17.2 | 8.7 |
| Halogen | 4.4 | 4.6 | 5.6 | 9.9 | 31.8 | 10.3 | 23.5 | 15.9 | 13.6 |
| Other | 14.6 | 17.5 | 21.0 | 25.4 | 0.0 | 31.9 | 100.0 | 50.5 | 47.5 |
| Personal Computers | | | | | | | | | |
| None | 6.3 | 6.2 | 8.7 | 10.6 | 12.8 | 24.4 | 69.7 | 35.5 | 30.8 |
| 1 to 4 | 6.4 | 7.2 | 8.3 | 10.7 | 48.3 | 17.6 | 45.8 | 36.5 | 23.2 |
| 5 to 9 | 7.9 | 8.7 | 12.5 | 11.3 | 58.7 | 17.9 | 58.9 | 23.2 | 19.8 |
| 10 to 19 | 8.4 | 8.8 | 10.8 | 13.9 | 75.0 | 17.1 | 42.0 | 23.5 | 24.3 |
| 20 to 49 | 7.4 | 8.3 | 9.9 | 11.7 | 0.0 | 14.5 | 32.3 | 21.1 | 18.8 |
| 50 to 99 | 7.1 | 8.9 | 11.6 | 14.9 | 0.0 | 12.1 | 44.6 | 20.2 | 14.0 |
| 100 to 249 | 7.7 | 10.7 | 12.0 | 19.6 | 0.0 | 9.0 | 22.5 | 16.1 | 12.3 |
| 250 or More | 6.2 | 7.1 | 7.9 | 16.2 | 0.0 | 11.2 | 27.8 | 24.2 | 18.0 |
| Photocopiers | | | | | | | | | |
| None | 5.2 | 5.8 | 6.9 | 9.6 | 15.1 | 11.3 | 38.4 | 24.6 | 16.5 |
| One | 6.4 | 7.5 | 9.1 | 10.5 | 44.7 | 10.8 | 46.9 | 17.7 | 13.2 |
| 2 to 4 | 5.5 | 6.4 | 6.6 | 10.5 | 101.3 | 7.5 | 40.5 | 15.7 | 9.6 |
| 5 to 9 | 7.6 | 10.5 | 13.7 | 14.8 | 0.0 | 10.0 | 22.3 | 23.7 | 13.9 |
| 10 or More | 6.3 | 7.2 | 8.4 | 12.6 | 0.0 | 11.8 | 23.4 | 20.1 | 20.0 |
| Other Electronic Equipment (more than one may apply) | | | | | | | | | |
| Laser Printers | 4.2 | 5.3 | 5.6 | 8.0 | 64.2 | 4.7 | 18.8 | 11.3 | 6.6 |
| FAX Machines | 3.8 | 4.6 | 4.8 | 7.1 | 49.3 | 4.5 | 18.8 | 11.1 | 6.2 |
| Medical Diagnostic Equipment | 7.9 | 8.3 | 8.9 | 20.9 | 0.0 | 22.5 | 26.0 | 30.4 | 38.0 |
| Energy-Related Space Functions (more than one may apply) | | | | | | | | | |
| Commercial Food Preparation | 4.5 | 5.2 | 6.1 | 10.7 | 100.1 | 6.1 | 24.0 | 18.2 | 6.7 |
| Activities with Large Amounts of Hot Water | 4.0 | 4.6 | 5.7 | 9.8 | 100.1 | 6.9 | 24.4 | 17.2 | 7.9 |
| Building Shell Conservation Features (more than one may apply) | | | | | | | | | |
| Multipaned Windows | 4.5 | 5.2 | 5.7 | 7.8 | 40.1 | 5.9 | 19.4 | 14.4 | 7.0 |
| Tinted, Reflective, or Shading Glass | 4.8 | 4.7 | 5.4 | 8.1 | 34.6 | 8.4 | 16.9 | 14.3 | 10.7 |
| HVAC Conservation Features (more than one may apply) | | | | | | | | | |
| Variable Air-Volume System | 5.4 | 6.2 | 7.2 | 9.9 | 99.7 | 8.4 | 17.8 | 12.8 | 12.6 |
| Economizer Cycle | 5.2 | 6.4 | 7.6 | 9.6 | 71.3 | 7.6 | 18.7 | 16.6 | 10.2 |
| HVAC Maintenance | 3.9 | 4.7 | 5.2 | 6.9 | 42.1 | 4.7 | 19.3 | 10.5 | 6.8 |
| Energy Management and Control System (EMCS) | 5.4 | 6.9 | 7.9 | 10.0 | 98.2 | 5.3 | 23.2 | 10.6 | 9.7 |
| Lighting Conservation Features (more than one may apply) | | | | | | | | | |
| Specular Reflectors | 6.0 | 7.4 | 8.1 | 9.8 | 75.0 | 8.3 | 24.1 | 14.0 | 10.7 |
| Electronic Ballasts | 3.9 | 4.5 | 5.0 | 7.9 | 66.7 | 6.0 | 17.2 | 10.2 | 7.1 |
| Skylights or Atriums | 5.8 | 5.9 | 6.2 | 12.6 | 29.5 | 10.5 | 25.0 | 18.0 | 13.5 |

RSEs for Table B13. Occupancy of Nongovernment-Owned and Government Owned Buildings, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | | | | |
|---|---------------------------|-----------------------------------|----------------|-------------------|------------|--------------------------------|---------|-------|-------|
| | All Buildings | Nongovernment-Owned Buildings | | | | Government-Owned Buildings | | | |
| | | All Nongovernment-Owned Buildings | Owner Occupied | Nonowner Occupied | Unoccupied | All Government-Owned Buildings | Federal | State | Local |
| Off-Hour Equipment Reduction (more than one may apply) | | | | | | | | | |
| Heating | 4.0 | 4.9 | 5.9 | 7.5 | 32.8 | 5.5 | 25.2 | 12.0 | 7.4 |
| Cooling | 4.4 | 5.0 | 5.7 | 8.0 | 46.9 | 6.4 | 21.6 | 13.4 | 8.2 |
| Lighting | 4.0 | 4.7 | 5.2 | 7.2 | 0.0 | 4.9 | 23.3 | 9.8 | 6.7 |
| Office Equipment | 6.1 | 8.6 | 10.4 | 14.6 | 0.0 | 7.2 | 35.1 | 16.3 | 9.5 |

RSEs for Table B14. Number of Establishments in Building, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | | |
|--|------------------------------|--------------------------------------|-------------|------------|------------------|------------------|----------------------|
| | All Buildings | Number of Establishments in Building | | | | | |
| | | One | Two to Five | Six to Ten | Eleven to Twenty | More than Twenty | Currently Unoccupied |
| All Buildings | 4.2 | 4.7 | 9.4 | 15.0 | 16.8 | 25.4 | 16.4 |
| Building Floorspace (Square Feet) | | | | | | | |
| 1,001 to 5,000 | 6.8 | 7.6 | 15.4 | 66.6 | 74.5 | 74.1 | 20.3 |
| 5,001 to 10,000 | 6.7 | 8.4 | 15.3 | 41.9 | 71.1 | 99.1 | 27.7 |
| 10,001 to 25,000 | 7.1 | 8.5 | 18.0 | 20.5 | 47.6 | 62.1 | 37.0 |
| 25,001 to 50,000 | 6.9 | 6.8 | 11.4 | 20.8 | 22.5 | 54.0 | 28.3 |
| 50,001 to 100,000 | 10.3 | 10.8 | 16.6 | 19.6 | 19.4 | 26.1 | 38.7 |
| 100,001 to 200,000 | 6.3 | 7.7 | 16.5 | 24.5 | 18.5 | 18.7 | 45.2 |
| 200,001 to 500,000 | 6.5 | 7.6 | 19.2 | 25.0 | 22.5 | 16.4 | 38.6 |
| Over 500,000 | 10.7 | 11.8 | 24.7 | 41.4 | 53.6 | 13.0 | 70.9 |
| Principal Building Activity | | | | | | | |
| Education | 12.3 | 12.5 | 34.5 | 59.1 | 100.2 | 108.8 | 0.0 |
| Food Sales | 17.2 | 18.9 | 45.0 | 0.0 | 0.0 | 97.9 | 0.0 |
| Food Service | 9.3 | 9.9 | 40.1 | 92.9 | 0.0 | 0.0 | 0.0 |
| Health Care | 17.6 | 19.1 | 42.4 | 37.8 | 32.7 | 45.6 | 0.0 |
| Inpatient | 25.6 | 28.0 | 42.7 | 82.2 | 38.2 | 59.5 | 0.0 |
| Outpatient | 19.1 | 21.0 | 43.6 | 39.8 | 34.6 | 46.3 | 0.0 |
| Lodging | 11.4 | 11.4 | 39.5 | 52.0 | 0.0 | 59.4 | 0.0 |
| Mercantile | 9.1 | 11.7 | 14.4 | 20.0 | 14.5 | 29.7 | 100.2 |
| Retail (Other Than Mall) | 10.8 | 11.7 | 22.6 | 77.9 | 65.6 | 70.0 | 100.2 |
| Enclosed and Strip Malls | 17.7 | 58.8 | 26.5 | 27.1 | 15.3 | 30.6 | 0.0 |
| Office | 8.3 | 10.2 | 15.3 | 25.1 | 19.7 | 15.7 | 0.0 |
| Public Assembly | 13.5 | 14.7 | 32.3 | 34.7 | 66.5 | 94.6 | 84.3 |
| Public Order and Safety | 28.1 | 29.9 | 73.4 | 71.6 | 73.1 | 0.0 | 0.0 |
| Religious Worship | 12.1 | 13.7 | 41.8 | 58.3 | 0.0 | 0.0 | 0.0 |
| Service | 12.8 | 12.2 | 27.0 | 100.7 | 100.0 | 0.0 | 99.6 |
| Warehouse and Storage | 12.4 | 13.5 | 23.8 | 27.1 | 69.1 | 45.0 | 44.4 |
| Other | 22.0 | 24.4 | 53.1 | 64.6 | 58.4 | 92.9 | 0.0 |
| Vacant | 14.5 | 30.1 | 43.2 | 97.3 | 100.1 | 0.0 | 18.4 |
| Year Constructed | | | | | | | |
| 1919 or Before | 11.3 | 14.0 | 24.7 | 34.8 | 27.4 | 47.2 | 36.1 |
| 1920 to 1945 | 10.9 | 12.3 | 18.6 | 59.1 | 48.4 | 31.0 | 46.5 |
| 1946 to 1959 | 6.7 | 7.7 | 24.2 | 55.5 | 29.5 | 70.1 | 28.6 |
| 1960 to 1969 | 7.4 | 7.9 | 23.7 | 20.4 | 22.9 | 70.5 | 40.6 |
| 1970 to 1979 | 8.1 | 8.1 | 21.3 | 30.4 | 39.3 | 24.3 | 53.4 |
| 1980 to 1989 | 7.4 | 8.8 | 14.7 | 29.7 | 22.5 | 19.0 | 39.0 |
| 1990 to 1999 | 12.9 | 14.7 | 27.6 | 19.7 | 26.1 | 43.0 | 62.9 |
| Floors | | | | | | | |
| One | 5.4 | 5.7 | 12.9 | 20.9 | 27.5 | 45.7 | 20.6 |
| Two | 7.4 | 8.1 | 15.2 | 30.3 | 31.1 | 38.9 | 32.7 |
| Three | 9.0 | 9.9 | 21.0 | 50.9 | 33.1 | 57.7 | 50.0 |
| Four to Nine | 9.8 | 14.4 | 33.7 | 14.8 | 21.9 | 20.1 | 35.1 |
| Ten or More | 12.7 | 17.6 | 33.6 | 28.8 | 23.0 | 17.6 | 77.3 |
| Census Region | | | | | | | |
| Northeast | 8.0 | 9.6 | 18.1 | 37.0 | 17.0 | 47.5 | 46.2 |
| Midwest | 9.7 | 11.6 | 14.3 | 40.1 | 19.4 | 31.4 | 27.9 |
| South | 5.6 | 7.1 | 14.4 | 18.8 | 15.1 | 17.8 | 28.9 |
| West | 10.8 | 11.5 | 23.3 | 24.6 | 38.0 | 56.7 | 26.9 |
| Climate Zone: 45-Year Average | | | | | | | |
| Under 2,000 CDD and -- | | | | | | | |
| More than 7,000 HDD | 19.0 | 21.7 | 23.0 | 32.9 | 35.2 | 43.9 | 69.6 |
| 5,500-7,000 HDD | 7.0 | 8.8 | 15.3 | 19.6 | 16.9 | 28.8 | 29.8 |
| 4,000-5,499 HDD | 16.8 | 17.7 | 24.5 | 35.5 | 18.0 | 32.2 | 44.1 |
| Fewer than 4,000 HDD | 10.9 | 10.7 | 19.2 | 18.6 | 34.1 | 23.4 | 51.4 |
| 2,000 CDD or More and -- | | | | | | | |
| Fewer than 4,000 HDD | 11.1 | 11.9 | 18.9 | 43.3 | 21.8 | 51.7 | 36.7 |

RSEs for Table B14. Number of Establishments in Building, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | | |
|--|------------------------------|--------------------------------------|-------------|------------|------------------|------------------|----------------------|
| | All Buildings | Number of Establishments in Building | | | | | |
| | | One | Two to Five | Six to Ten | Eleven to Twenty | More than Twenty | Currently Unoccupied |
| Workers (main shift) | | | | | | | |
| Fewer than 5 | 6.0 | 6.3 | 17.5 | 50.1 | 57.5 | 73.9 | 16.4 |
| 5 to 9 | 7.9 | 9.0 | 16.3 | 32.5 | 85.0 | 72.1 | 0.0 |
| 10 to 19 | 7.6 | 9.9 | 15.2 | 46.3 | 67.5 | 87.8 | 0.0 |
| 20 to 49 | 9.0 | 9.5 | 18.4 | 17.0 | 21.9 | 82.3 | 0.0 |
| 50 to 99 | 10.7 | 9.7 | 23.2 | 34.3 | 29.2 | 37.9 | 0.0 |
| 100 to 249 | 11.7 | 17.3 | 16.8 | 21.3 | 17.3 | 24.2 | 0.0 |
| 250 or More | 8.6 | 13.8 | 24.5 | 17.9 | 17.9 | 12.6 | 0.0 |
| Ownership and Occupancy | | | | | | | |
| Nongovernment Owned | 4.5 | 4.9 | 9.5 | 15.2 | 17.3 | 25.9 | 17.1 |
| Owner Occupied | 5.4 | 5.9 | 12.2 | 26.1 | 13.5 | 37.3 | 0.0 |
| Nonowner Occupied | 5.8 | 7.8 | 15.3 | 18.8 | 22.3 | 23.1 | 0.0 |
| Unoccupied | 17.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.1 |
| Government Owned | 9.0 | 10.7 | 24.9 | 33.3 | 35.7 | 44.8 | 55.8 |
| Vacancy Status | | | | | | | |
| Completely Vacant | 20.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.7 |
| Mostly Vacant | 22.9 | 30.1 | 43.2 | 97.3 | 100.1 | 0.0 | 41.2 |
| Partially Vacant | 7.3 | 11.2 | 18.0 | 13.5 | 11.5 | 15.7 | 39.8 |
| Not At All Vacant | 4.4 | 5.0 | 9.7 | 21.7 | 26.4 | 44.0 | 0.0 |
| Multibuilding Facility Activity | | | | | | | |
| Not Part of a Multibuilding | | | | | | | |
| Facility | 4.6 | 5.3 | 9.7 | 21.7 | 20.6 | 33.7 | 17.7 |
| College or University | 19.4 | 20.2 | 32.9 | 61.4 | 100.1 | 63.6 | 100.1 |
| Primary or Secondary School | 17.7 | 17.6 | 61.2 | 0.0 | 0.0 | 102.1 | 100.7 |
| Office Complex | 18.9 | 26.9 | 37.0 | 24.0 | 28.9 | 33.1 | 93.7 |
| Retail Complex | 17.0 | 23.7 | 32.4 | 22.5 | 21.5 | 25.9 | 97.4 |
| Religious Campus or Complex | 19.4 | 21.2 | 75.6 | 0.0 | 100.0 | 0.0 | 0.0 |
| Health Care Complex | 24.3 | 27.0 | 56.0 | 38.3 | 34.9 | 42.1 | 58.0 |
| Government Complex | 26.6 | 27.4 | 74.8 | 62.6 | 79.5 | 0.0 | 0.0 |
| Other | 10.6 | 10.3 | 26.4 | 56.7 | 42.2 | 42.6 | 52.8 |
| Energy Sources (more than one may apply) | | | | | | | |
| Electricity | 4.1 | 4.6 | 9.4 | 15.1 | 16.8 | 25.8 | 32.0 |
| Natural Gas | 4.8 | 5.7 | 9.8 | 21.1 | 15.0 | 31.8 | 32.1 |
| Fuel Oil | 16.7 | 18.3 | 34.9 | 25.9 | 25.7 | 35.9 | 61.5 |
| District Heat | 15.5 | 16.8 | 21.7 | 78.1 | 42.3 | 25.5 | 0.0 |
| District Chilled Water | 27.2 | 29.8 | 36.9 | 42.7 | 40.7 | 49.4 | 0.0 |
| Propane | 15.0 | 14.9 | 36.9 | 27.8 | 35.2 | 53.6 | 100.2 |
| Other | 18.8 | 19.4 | 50.8 | 59.2 | 42.0 | 53.7 | 100.2 |
| Energy End Uses (more than one may apply) | | | | | | | |
| Buildings with Space Heating | 4.2 | 5.0 | 9.5 | 15.5 | 16.9 | 28.1 | 32.0 |
| Buildings with Cooling | 3.9 | 4.6 | 9.7 | 15.7 | 17.4 | 25.7 | 37.9 |
| Buildings with Water Heating | 4.4 | 5.2 | 10.6 | 17.4 | 11.9 | 27.2 | 36.0 |
| Buildings with Cooking | 5.8 | 6.7 | 17.1 | 19.5 | 14.1 | 38.9 | 70.9 |
| Buildings with Manufacturing | 16.7 | 19.3 | 23.7 | 79.1 | 85.0 | 58.5 | 0.0 |
| Buildings with Electricity Generation | 14.2 | 18.3 | 23.0 | 22.1 | 26.5 | 20.0 | 76.5 |
| Heating Equipment (more than one may apply) | | | | | | | |
| Heat Pumps | 10.5 | 12.3 | 25.0 | 37.8 | 20.7 | 21.4 | 100.1 |
| Furnaces | 7.4 | 7.7 | 12.8 | 42.2 | 43.8 | 27.8 | 50.6 |
| Individual Space Heaters | 6.7 | 8.3 | 17.7 | 18.2 | 51.4 | 22.1 | 82.8 |
| District Heat | 16.5 | 17.7 | 22.1 | 78.1 | 46.7 | 25.5 | 0.0 |
| Boilers | 7.9 | 9.4 | 18.8 | 14.9 | 17.2 | 54.7 | 35.5 |
| Packaged Heating Units | 6.3 | 7.2 | 15.3 | 13.9 | 15.9 | 24.3 | 53.2 |
| Other | 15.1 | 17.1 | 41.2 | 43.9 | 26.8 | 26.8 | 79.8 |

RSEs for Table B14. Number of Establishments in Building, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | | |
|---|------------------------------|--------------------------------------|-------------|------------|------------------|------------------|----------------------|
| | All Buildings | Number of Establishments in Building | | | | | |
| | | One | Two to Five | Six to Ten | Eleven to Twenty | More than Twenty | Currently Unoccupied |
| Cooling Equipment (more than one may apply) | | | | | | | |
| Residential-Type Central | | | | | | | |
| Air Conditioners | 10.3 | 10.6 | 20.2 | 58.7 | 28.4 | 31.9 | 99.7 |
| Heat Pumps | 10.4 | 11.2 | 24.9 | 36.8 | 19.6 | 21.4 | 100.1 |
| Individual Air Conditioners | 8.0 | 8.7 | 19.7 | 53.0 | 55.5 | 41.4 | 68.1 |
| District Chilled Water | 27.2 | 29.8 | 36.9 | 42.7 | 40.7 | 49.4 | 0.0 |
| Central Chillers | 14.5 | 17.1 | 16.0 | 20.3 | 18.7 | 49.1 | 58.2 |
| Packaged Air Conditioning | | | | | | | |
| Units | 4.7 | 5.7 | 10.6 | 15.6 | 14.2 | 19.1 | 40.7 |
| Swamp Coolers | 17.0 | 17.9 | 29.7 | 36.2 | 40.6 | 53.2 | 0.0 |
| Other | 29.6 | 33.2 | 33.1 | 55.4 | 38.7 | 58.6 | 0.0 |
| Lighting Equipment Types (more than one may apply) | | | | | | | |
| Incandescent | 4.9 | 6.0 | 11.0 | 19.1 | 23.8 | 32.4 | 83.4 |
| Standard Fluorescent | 4.1 | 5.0 | 9.3 | 15.9 | 16.7 | 27.6 | 68.4 |
| Compact Fluorescent | 9.0 | 11.4 | 19.4 | 8.6 | 17.0 | 13.5 | 70.9 |
| High Intensity Discharge | 10.9 | 12.7 | 22.5 | 35.2 | 22.0 | 56.2 | 0.0 |
| Halogen | 9.1 | 10.9 | 17.8 | 20.1 | 16.1 | 17.7 | 58.7 |
| Other | 32.3 | 33.1 | 57.7 | 100.0 | 75.1 | 36.2 | 0.0 |
| Personal Computers | | | | | | | |
| None | 7.0 | 7.8 | 22.1 | 52.3 | 68.7 | 72.4 | 16.9 |
| 1 to 4 | 7.2 | 7.7 | 13.9 | 27.5 | 64.8 | 64.0 | 49.1 |
| 5 to 9 | 8.1 | 10.1 | 16.4 | 22.6 | 37.7 | 43.9 | 87.5 |
| 10 to 19 | 11.6 | 16.7 | 21.6 | 33.3 | 27.3 | 41.9 | 70.8 |
| 20 to 49 | 11.1 | 13.2 | 26.5 | 18.1 | 19.8 | 55.5 | 0.0 |
| 50 to 99 | 11.0 | 11.8 | 32.3 | 18.9 | 30.4 | 21.5 | 100.8 |
| 100 to 249 | 8.8 | 11.3 | 19.1 | 24.5 | 21.8 | 24.3 | 0.0 |
| 250 or More | 8.5 | 11.5 | 25.4 | 22.3 | 19.6 | 13.5 | 0.0 |
| Photocopiers | | | | | | | |
| None | 5.4 | 5.5 | 14.4 | 27.7 | 48.1 | 59.2 | 16.6 |
| One | 6.8 | 6.9 | 17.8 | 29.7 | 38.2 | 42.4 | 70.6 |
| 2 to 4 | 7.9 | 9.8 | 14.2 | 16.2 | 26.8 | 46.2 | 71.1 |
| 5 to 9 | 17.7 | 17.7 | 34.6 | 16.7 | 29.2 | 35.9 | 0.0 |
| 10 or More | 12.0 | 9.5 | 20.2 | 37.3 | 17.8 | 16.0 | 0.0 |
| Other Electronic Equipment (more than one may apply) | | | | | | | |
| Laser Printers | 5.1 | 6.2 | 12.4 | 19.8 | 18.3 | 16.2 | 67.3 |
| FAX Machines | 5.1 | 5.9 | 9.9 | 18.1 | 17.0 | 15.4 | 61.8 |
| Medical Diagnostic Equipment | 19.8 | 24.1 | 43.2 | 37.8 | 32.7 | 45.6 | 0.0 |

RSEs for Table B15. Number of Establishments in Building, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | | |
|--|---------------------------|--------------------------------------|-------------|------------|------------------|------------------|----------------------|
| | All Buildings | Number of Establishments in Building | | | | | |
| | | One | Two to Five | Six to Ten | Eleven to Twenty | More than Twenty | Currently Unoccupied |
| All Buildings | 3.5 | 3.5 | 6.5 | 10.1 | 12.1 | 10.2 | 13.5 |
| Building Floorspace (Square Feet) | | | | | | | |
| 1,001 to 5,000 | 6.1 | 7.2 | 16.5 | 61.8 | 78.1 | 74.7 | 19.4 |
| 5,001 to 10,000 | 7.1 | 8.9 | 15.3 | 41.3 | 71.2 | 99.1 | 29.7 |
| 10,001 to 25,000 | 6.8 | 8.1 | 17.4 | 18.9 | 52.9 | 66.4 | 41.3 |
| 25,001 to 50,000 | 6.8 | 6.8 | 11.8 | 21.3 | 22.0 | 49.4 | 26.9 |
| 50,001 to 100,000 | 10.2 | 10.5 | 16.7 | 19.6 | 19.5 | 26.0 | 38.8 |
| 100,001 to 200,000 | 6.4 | 7.8 | 17.4 | 23.0 | 19.0 | 19.9 | 45.2 |
| 200,001 to 500,000 | 6.6 | 7.7 | 19.4 | 26.4 | 21.1 | 16.6 | 36.7 |
| Over 500,000 | 11.1 | 12.1 | 26.6 | 35.6 | 48.2 | 14.2 | 71.4 |
| Principal Building Activity | | | | | | | |
| Education | 6.2 | 6.4 | 20.4 | 55.5 | 100.2 | 108.8 | 0.0 |
| Food Sales | 16.0 | 18.4 | 30.1 | 0.0 | 0.0 | 97.9 | 0.0 |
| Food Service | 9.7 | 10.3 | 37.2 | 91.2 | 0.0 | 0.0 | 0.0 |
| Health Care | 7.6 | 10.1 | 20.1 | 34.9 | 27.1 | 38.9 | 0.0 |
| Inpatient | 9.9 | 11.1 | 25.0 | 80.0 | 36.3 | 62.0 | 0.0 |
| Outpatient | 10.3 | 18.5 | 32.5 | 38.9 | 30.3 | 42.5 | 0.0 |
| Lodging | 11.0 | 10.7 | 30.8 | 55.4 | 0.0 | 72.5 | 0.0 |
| Mercantile | 8.8 | 11.7 | 14.8 | 14.9 | 16.9 | 16.9 | 100.2 |
| Retail (Other Than Mall) | 10.7 | 11.8 | 18.5 | 74.0 | 70.4 | 61.2 | 100.2 |
| Enclosed and Strip Malls | 10.3 | 52.8 | 24.9 | 18.0 | 17.3 | 17.0 | 0.0 |
| Office | 6.9 | 9.5 | 12.8 | 14.3 | 17.5 | 10.5 | 0.0 |
| Public Assembly | 10.8 | 12.4 | 25.6 | 33.7 | 66.3 | 49.3 | 81.2 |
| Public Order and Safety | 22.2 | 25.6 | 49.4 | 61.6 | 72.8 | 0.0 | 0.0 |
| Religious Worship | 12.0 | 14.0 | 37.2 | 70.9 | 0.0 | 0.0 | 0.0 |
| Service | 11.8 | 13.0 | 22.3 | 100.7 | 100.0 | 0.0 | 99.6 |
| Warehouse and Storage | 9.4 | 8.8 | 17.8 | 31.7 | 53.8 | 52.5 | 37.1 |
| Other | 13.6 | 17.4 | 38.2 | 59.5 | 74.9 | 92.9 | 0.0 |
| Vacant | 12.2 | 29.2 | 43.2 | 72.0 | 100.1 | 0.0 | 12.8 |
| Year Constructed | | | | | | | |
| 1919 or Before | 7.2 | 8.8 | 19.9 | 36.0 | 34.0 | 38.8 | 29.0 |
| 1920 to 1945 | 9.0 | 9.0 | 22.6 | 31.0 | 41.8 | 26.2 | 26.9 |
| 1946 to 1959 | 7.7 | 8.9 | 15.2 | 37.8 | 29.6 | 42.6 | 24.1 |
| 1960 to 1969 | 6.2 | 7.8 | 15.8 | 17.0 | 23.5 | 22.6 | 28.9 |
| 1970 to 1979 | 5.8 | 6.4 | 14.8 | 17.4 | 26.7 | 17.5 | 39.7 |
| 1980 to 1989 | 6.1 | 6.2 | 14.4 | 17.9 | 15.6 | 15.0 | 46.4 |
| 1990 to 1999 | 6.3 | 7.0 | 14.0 | 18.3 | 21.4 | 24.3 | 51.7 |
| Floors | | | | | | | |
| One | 4.9 | 4.7 | 9.1 | 15.8 | 21.2 | 17.4 | 20.7 |
| Two | 6.1 | 7.6 | 11.0 | 23.0 | 28.3 | 19.7 | 22.7 |
| Three | 7.4 | 7.7 | 16.6 | 27.2 | 32.9 | 41.3 | 35.9 |
| Four to Nine | 5.7 | 6.2 | 14.5 | 23.8 | 20.4 | 22.4 | 35.3 |
| Ten or More | 10.7 | 15.9 | 30.2 | 27.5 | 23.7 | 14.6 | 71.3 |
| Census Region | | | | | | | |
| Northeast | 7.7 | 8.0 | 16.1 | 23.4 | 27.5 | 21.8 | 36.1 |
| Midwest | 5.0 | 5.9 | 11.6 | 19.5 | 16.8 | 16.0 | 19.7 |
| South | 5.3 | 5.1 | 10.8 | 16.4 | 15.6 | 14.1 | 28.5 |
| West | 6.0 | 7.7 | 15.8 | 17.4 | 26.4 | 19.7 | 14.7 |
| Climate Zone: 45-Year Average | | | | | | | |
| Under 2,000 CDD and -- | | | | | | | |
| More than 7,000 HDD | 10.5 | 13.6 | 13.5 | 35.8 | 25.9 | 26.9 | 39.8 |
| 5,500-7,000 HDD | 7.1 | 7.4 | 11.8 | 22.6 | 22.4 | 19.9 | 26.0 |
| 4,000-5,499 HDD | 9.1 | 10.1 | 17.3 | 20.0 | 16.9 | 14.1 | 29.4 |
| Fewer than 4,000 HDD | 8.9 | 8.7 | 14.9 | 16.8 | 25.5 | 21.6 | 36.5 |
| 2,000 CDD or More and -- | | | | | | | |
| Fewer than 4,000 HDD | 9.4 | 10.2 | 14.3 | 27.9 | 20.8 | 18.3 | 33.4 |

RSEs for Table B15. Number of Establishments in Building, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | | |
|--|---------------------------|--------------------------------------|-------------|------------|------------------|------------------|----------------------|
| | All Buildings | Number of Establishments in Building | | | | | |
| | | One | Two to Five | Six to Ten | Eleven to Twenty | More than Twenty | Currently Unoccupied |
| Workers (main shift) | | | | | | | |
| Fewer than 5 | 6.3 | 6.4 | 21.2 | 26.1 | 59.3 | 77.3 | 13.5 |
| 5 to 9 | 7.6 | 7.5 | 17.0 | 65.1 | 61.9 | 83.8 | 0.0 |
| 10 to 19 | 6.7 | 8.7 | 11.3 | 41.2 | 47.6 | 15.2 | 0.0 |
| 20 to 49 | 6.6 | 6.3 | 11.3 | 13.5 | 25.0 | 71.8 | 0.0 |
| 50 to 99 | 8.9 | 8.5 | 16.6 | 18.4 | 23.3 | 26.1 | 0.0 |
| 100 to 249 | 7.2 | 7.8 | 16.4 | 20.9 | 19.3 | 23.2 | 0.0 |
| 250 or More | 6.3 | 8.3 | 17.9 | 18.8 | 13.7 | 12.4 | 0.0 |
| Ownership and Occupancy | | | | | | | |
| Nongovernment Owned | 4.2 | 4.4 | 7.2 | 10.2 | 12.8 | 10.2 | 14.6 |
| Owner Occupied | 4.5 | 4.9 | 9.2 | 17.6 | 17.7 | 11.6 | 0.0 |
| Nonowner Occupied | 6.4 | 7.2 | 9.1 | 13.5 | 16.5 | 19.0 | 0.0 |
| Unoccupied | 14.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 14.6 |
| Government Owned | 4.6 | 5.3 | 14.7 | 27.8 | 33.2 | 45.8 | 39.2 |
| Vacancy Status | | | | | | | |
| Completely Vacant | 14.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 14.5 |
| Mostly Vacant | 20.0 | 29.2 | 43.2 | 72.0 | 100.1 | 0.0 | 25.4 |
| Partially Vacant | 6.2 | 7.6 | 10.4 | 13.8 | 15.9 | 12.1 | 32.5 |
| Not At All Vacant | 3.4 | 3.6 | 7.4 | 13.8 | 14.8 | 16.8 | 0.0 |
| Multibuilding Facility Activity | | | | | | | |
| Not Part of a Multibuilding | | | | | | | |
| Facility | 4.0 | 4.0 | 7.8 | 13.4 | 14.7 | 11.2 | 15.5 |
| College or University | 12.4 | 14.4 | 28.3 | 49.9 | 100.1 | 61.8 | 100.1 |
| Primary or Secondary School | 13.1 | 13.2 | 59.1 | 0.0 | 0.0 | 102.1 | 100.7 |
| Office Complex | 11.1 | 17.8 | 19.7 | 22.1 | 40.2 | 23.9 | 72.7 |
| Retail Complex | 13.6 | 22.1 | 25.1 | 20.0 | 22.9 | 23.9 | 86.4 |
| Religious Campus or Complex | 13.4 | 15.0 | 60.5 | 0.0 | 100.0 | 0.0 | 0.0 |
| Health Care Complex | 11.3 | 11.0 | 28.5 | 39.0 | 30.9 | 41.5 | 54.5 |
| Government Complex | 21.2 | 24.7 | 43.0 | 57.6 | 77.3 | 0.0 | 0.0 |
| Other | 9.6 | 8.9 | 22.3 | 30.2 | 37.8 | 39.1 | 30.5 |
| Energy Sources (more than one may apply) | | | | | | | |
| Electricity | 3.5 | 3.5 | 6.4 | 10.1 | 12.1 | 10.2 | 22.5 |
| Natural Gas | 3.9 | 4.1 | 6.3 | 12.1 | 12.5 | 12.4 | 29.1 |
| Fuel Oil | 6.9 | 7.7 | 11.8 | 18.4 | 27.3 | 16.5 | 75.5 |
| District Heat | 9.9 | 11.0 | 19.2 | 30.2 | 30.6 | 23.8 | 0.0 |
| District Chilled Water | 12.1 | 12.7 | 21.6 | 39.3 | 36.9 | 42.2 | 0.0 |
| Propane | 10.9 | 10.8 | 24.6 | 30.3 | 36.4 | 50.4 | 100.2 |
| Other | 14.0 | 15.5 | 35.0 | 48.8 | 38.0 | 55.6 | 100.2 |
| Energy End Uses (more than one may apply) | | | | | | | |
| Buildings with Space Heating | 3.5 | 3.5 | 6.5 | 10.4 | 11.9 | 10.1 | 22.7 |
| Buildings with Cooling | 3.8 | 3.9 | 6.7 | 10.3 | 12.3 | 10.3 | 35.9 |
| Buildings with Water Heating | 3.7 | 3.9 | 6.5 | 11.1 | 10.9 | 10.4 | 35.2 |
| Buildings with Cooking | 4.4 | 4.5 | 10.1 | 15.5 | 13.8 | 12.6 | 71.0 |
| Buildings with Manufacturing | 12.7 | 15.0 | 21.4 | 51.4 | 65.9 | 73.1 | 0.0 |
| Buildings with Electricity Generation | 7.4 | 7.5 | 15.2 | 15.4 | 28.3 | 15.8 | 81.3 |
| Heating Equipment (more than one may apply) | | | | | | | |
| Heat Pumps | 6.3 | 6.8 | 16.1 | 20.4 | 17.6 | 20.8 | 100.1 |
| Furnaces | 5.5 | 6.7 | 11.1 | 16.2 | 31.5 | 26.4 | 35.0 |
| Individual Space Heaters | 5.0 | 6.1 | 11.2 | 16.9 | 27.2 | 18.2 | 47.1 |
| District Heat | 9.9 | 11.4 | 19.2 | 30.2 | 32.3 | 23.8 | 0.0 |
| Boilers | 5.6 | 5.7 | 10.3 | 20.8 | 26.1 | 17.5 | 38.8 |
| Packaged Heating Units | 4.8 | 5.3 | 9.3 | 13.9 | 14.6 | 13.5 | 42.4 |
| Other | 7.9 | 11.2 | 21.7 | 42.4 | 20.4 | 22.6 | 38.2 |

RSEs for Table B15. Number of Establishments in Building, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | | |
|---|---------------------------|--------------------------------------|-------------|------------|------------------|------------------|----------------------|
| | All Buildings | Number of Establishments in Building | | | | | |
| | | One | Two to Five | Six to Ten | Eleven to Twenty | More than Twenty | Currently Unoccupied |
| Cooling Equipment (more than one may apply) | | | | | | | |
| Residential-Type Central | | | | | | | |
| Air Conditioners | 6.8 | 8.6 | 14.8 | 26.4 | 26.3 | 31.6 | 99.7 |
| Heat Pumps | 6.5 | 7.2 | 15.0 | 18.6 | 16.2 | 20.9 | 100.1 |
| Individual Air Conditioners | 5.9 | 5.5 | 14.3 | 30.3 | 37.0 | 30.5 | 60.1 |
| District Chilled Water | 12.1 | 12.7 | 21.6 | 39.3 | 36.9 | 42.2 | 0.0 |
| Central Chillers | 6.0 | 6.1 | 16.0 | 20.3 | 18.2 | 14.1 | 51.5 |
| Packaged Air Conditioning | | | | | | | |
| Units | 4.0 | 4.3 | 7.8 | 11.2 | 13.0 | 11.3 | 43.1 |
| Swamp Coolers | 17.5 | 21.7 | 27.3 | 40.5 | 40.2 | 43.9 | 0.0 |
| Other | 16.3 | 19.1 | 30.9 | 57.0 | 55.3 | 51.5 | 0.0 |
| Lighting Equipment Types (more than one may apply) | | | | | | | |
| Incandescent | 4.2 | 4.5 | 7.5 | 14.0 | 15.8 | 12.6 | 57.7 |
| Standard Fluorescent | 3.5 | 3.5 | 6.6 | 10.3 | 12.3 | 10.3 | 36.5 |
| Compact Fluorescent | 5.7 | 6.8 | 11.9 | 12.5 | 14.5 | 12.7 | 70.7 |
| High Intensity Discharge | 5.4 | 5.9 | 10.0 | 19.0 | 18.9 | 15.8 | 0.0 |
| Halogen | 4.4 | 5.8 | 11.4 | 12.3 | 14.0 | 14.2 | 31.8 |
| Other | 14.6 | 18.1 | 29.5 | 100.0 | 69.6 | 34.6 | 0.0 |
| Personal Computers | | | | | | | |
| None | 6.3 | 7.5 | 23.0 | 30.0 | 56.4 | 68.7 | 11.9 |
| 1 to 4 | 6.4 | 6.7 | 13.8 | 15.9 | 50.5 | 70.9 | 48.3 |
| 5 to 9 | 7.9 | 9.1 | 13.4 | 25.0 | 41.4 | 33.3 | 58.7 |
| 10 to 19 | 8.4 | 11.2 | 12.7 | 18.8 | 28.1 | 40.0 | 75.0 |
| 20 to 49 | 7.4 | 9.5 | 13.3 | 21.0 | 21.3 | 34.2 | 0.0 |
| 50 to 99 | 7.1 | 8.0 | 20.6 | 22.2 | 24.5 | 23.4 | 100.8 |
| 100 to 249 | 7.7 | 9.3 | 21.0 | 27.3 | 32.5 | 20.4 | 0.0 |
| 250 or More | 6.2 | 7.9 | 15.9 | 21.0 | 15.8 | 12.7 | 0.0 |
| Photocopiers | | | | | | | |
| None | 5.2 | 4.9 | 11.8 | 21.9 | 33.1 | 30.2 | 14.0 |
| One | 6.4 | 6.6 | 16.5 | 21.4 | 33.0 | 40.1 | 44.7 |
| 2 to 4 | 5.5 | 5.8 | 9.7 | 18.8 | 26.7 | 31.0 | 72.1 |
| 5 to 9 | 7.6 | 10.7 | 17.5 | 15.9 | 27.5 | 37.8 | 0.0 |
| 10 or More | 6.3 | 7.4 | 14.9 | 18.9 | 15.6 | 11.5 | 0.0 |
| Other Electronic Equipment (more than one may apply) | | | | | | | |
| Laser Printers | 4.2 | 4.2 | 7.7 | 11.5 | 12.5 | 10.8 | 58.4 |
| FAX Machines | 3.8 | 4.0 | 6.7 | 11.1 | 12.2 | 10.2 | 46.0 |
| Medical Diagnostic Equipment | 7.9 | 9.8 | 20.6 | 34.9 | 27.1 | 38.9 | 0.0 |

RSEs for Table B16. Multibuilding Facilities, Number of Buildings and Floorspace, 1999

| | RSEs for Number of Buildings | | | RSEs for Total Floorspace | | |
|--|------------------------------|---------------------------------------|-----------------------------|---------------------------|---------------------------------------|-----------------------------|
| | All Buildings | Buildings on Multibuilding Facilities | | All Buildings | Buildings on Multibuilding Facilities | |
| | | All Buildings | With Central Physical Plant | | All Buildings | With Central Physical Plant |
| All Buildings | 4.2 | 6.4 | 13.5 | 3.5 | 4.5 | 7.4 |
| Building Floorspace (Square Feet) | | | | | | |
| 1,001 to 5,000 | 6.8 | 11 | 32.1 | 6.1 | 10.5 | 31.2 |
| 5,001 to 10,000 | 6.7 | 12.3 | 43.5 | 7.1 | 12.3 | 45.2 |
| 10,001 to 25,000 | 7.1 | 8.4 | 14.5 | 6.8 | 7.8 | 16.8 |
| 25,001 to 50,000 | 6.9 | 9.2 | 16.7 | 6.8 | 9.4 | 15.6 |
| 50,001 to 100,000 | 10.3 | 10.8 | 12 | 10.2 | 10.6 | 12.8 |
| 100,001 to 200,000 | 6.3 | 8.8 | 17 | 6.4 | 9.1 | 17.6 |
| 200,001 to 500,000 | 6.5 | 12.3 | 16.8 | 6.6 | 12.4 | 17.2 |
| Over 500,000 | 10.7 | 15.1 | 15.2 | 11.1 | 13.8 | 16.4 |
| Principal Building Activity | | | | | | |
| Education | 12.3 | 14.7 | 18.5 | 6.2 | 9.2 | 13.1 |
| Food Sales | 17.2 | 49.4 | 100.3 | 16 | 32.4 | 100.3 |
| Food Service | 9.3 | 28.6 | 68.8 | 9.7 | 27.2 | 60.6 |
| Health Care | 17.6 | 15.9 | 36.8 | 7.6 | 10.3 | 10.6 |
| Inpatient | 25.6 | 17.2 | 22.5 | 9.9 | 12.3 | 12.9 |
| Outpatient | 19.1 | 19.2 | 61 | 10.3 | 19.7 | 29.6 |
| Lodging | 11.4 | 13.9 | 30.4 | 11 | 14.4 | 20.9 |
| Mercantile | 9.1 | 19.9 | 78.6 | 8.8 | 15.2 | 59.3 |
| Retail (Other Than Mall) | 10.8 | 30.5 | 99.6 | 10.7 | 26 | 77.9 |
| Enclosed and Strip Malls | 17.7 | 24.9 | 69.7 | 10.3 | 16.4 | 69.1 |
| Office | 8.3 | 14.7 | 28.8 | 6.9 | 10.2 | 19.2 |
| Public Assembly | 13.5 | 19 | 42.4 | 10.8 | 14.2 | 26.3 |
| Public Order and Safety | 28.1 | 46.4 | 39.1 | 22.2 | 35.5 | 45 |
| Religious Worship | 12.1 | 22 | 39.4 | 12 | 15.4 | 36.1 |
| Service | 12.8 | 29.9 | 85 | 11.8 | 23.4 | 60.9 |
| Warehouse and Storage | 12.4 | 15.3 | 80.3 | 9.4 | 13.5 | 47.3 |
| Other | 22 | 37 | 56.7 | 13.6 | 23.2 | 39 |
| Vacant | 14.5 | 35.6 | 51.2 | 12.2 | 24.2 | 45.7 |
| Year Constructed | | | | | | |
| 1919 or Before | 11.3 | 21.8 | 46.1 | 7.2 | 17 | 34.2 |
| 1920 to 1945 | 10.9 | 16.7 | 35.6 | 9 | 16.5 | 21.3 |
| 1946 to 1959 | 6.7 | 11.7 | 28 | 7.7 | 10.7 | 17.5 |
| 1960 to 1969 | 7.4 | 13 | 25.1 | 6.2 | 8.5 | 11.2 |
| 1970 to 1979 | 8.1 | 13.1 | 26.2 | 5.8 | 10.2 | 16.6 |
| 1980 to 1989 | 7.4 | 10.6 | 32.7 | 6.1 | 8.4 | 18.3 |
| 1990 to 1999 | 12.9 | 19.1 | 22.8 | 6.3 | 8.5 | 25.2 |
| Census Region | | | | | | |
| Northeast | 8 | 16.9 | 21.8 | 7.7 | 14.6 | 12.3 |
| Midwest | 9.7 | 13.4 | 35.3 | 5 | 5.9 | 14.8 |
| South | 5.6 | 8.4 | 24 | 5.3 | 7.7 | 14.8 |
| West | 10.8 | 14 | 23.4 | 6 | 7.4 | 13.8 |
| Workers (main shift) | | | | | | |
| Fewer than 5 | 6 | 11 | 24.3 | 6.3 | 8.7 | 18.8 |
| 5 to 9 | 7.9 | 14.3 | 36.9 | 7.6 | 13.8 | 25.9 |
| 10 to 19 | 7.6 | 15.8 | 34.5 | 6.7 | 12.2 | 22.6 |
| 20 to 49 | 9 | 12.5 | 22.2 | 6.6 | 9 | 16.6 |
| 50 to 99 | 10.7 | 12.2 | 30.7 | 8.9 | 11.8 | 17.5 |
| 100 to 249 | 11.7 | 17.3 | 13.7 | 7.2 | 9.3 | 13.8 |
| 250 or More | 8.6 | 12.4 | 18.7 | 6.3 | 8.6 | 12.4 |

RSEs for Table B16. Multibuilding Facilities, Number of Buildings and Floorspace, 1999

| | RSEs for Number of Buildings | | | RSEs for Total Floorspace | | |
|--|------------------------------|---------------------------------------|-----------------------------|---------------------------|---------------------------------------|-----------------------------|
| | All Buildings | Buildings on Multibuilding Facilities | | All Buildings | Buildings on Multibuilding Facilities | |
| | | All Buildings | With Central Physical Plant | | All Buildings | With Central Physical Plant |
| Weekly Operating Hours | | | | | | |
| 39 or Fewer | 10.3 | 17 | 58.4 | 9.8 | 14.8 | 30 |
| 40 to 48 | 5.9 | 8.5 | 27.2 | 6.1 | 9.1 | 18.6 |
| 49 to 60 | 8.2 | 14.9 | 34 | 6.1 | 11.5 | 20.8 |
| 61 to 84 | 9.6 | 14.4 | 18.5 | 6.1 | 9 | 14.6 |
| 85 to 167 | 7.7 | 18.5 | 17.7 | 7 | 9.9 | 16.7 |
| Open Continuously | 10.4 | 11.9 | 20.8 | 5 | 7.2 | 11 |
| Ownership and Occupancy | | | | | | |
| Nongovernment Owned | 4.5 | 7.5 | 19.3 | 4.2 | 6 | 12.8 |
| Owner Occupied | 5.4 | 9.9 | 21.8 | 4.5 | 6.8 | 13.9 |
| Nonowner Occupied | 5.8 | 12.4 | 45.5 | 6.4 | 9.7 | 29.2 |
| Unoccupied | 17.1 | 41.1 | 63.6 | 14.6 | 27.5 | 67.9 |
| Government Owned | 9 | 13.7 | 18.9 | 4.6 | 7.8 | 9.3 |
| Vacancy Status | | | | | | |
| Completely Vacant | 20.7 | 53.8 | 66.6 | 14.5 | 33.9 | 64.2 |
| Mostly Vacant | 22.9 | 38.6 | 74 | 20 | 36.1 | 61.2 |
| Partially Vacant | 7.3 | 11.2 | 24.5 | 6.2 | 9 | 17.9 |
| Not At All Vacant | 4.4 | 8 | 14.9 | 3.4 | 4.6 | 8.9 |
| Multibuilding Facility Activity | | | | | | |
| Not Part of a Multibuilding | | | | | | |
| Facility | 4.6 | 0 | 0 | 4 | 0 | 0 |
| College or University | 19.4 | 19.4 | 25.3 | 12.4 | 12.4 | 16.4 |
| Primary or Secondary School | 17.7 | 17.7 | 26.3 | 13.1 | 13.1 | 25.1 |
| Office Complex | 18.9 | 18.9 | 41.4 | 11.1 | 11.1 | 27 |
| Retail Complex | 17 | 17 | 77.4 | 13.6 | 13.6 | 52.6 |
| Religious Campus or Complex | 19.4 | 19.4 | 36.2 | 13.4 | 13.4 | 38.6 |
| Health Care Complex | 24.3 | 24.3 | 42.7 | 11.3 | 11.3 | 11.9 |
| Government Complex | 26.6 | 26.6 | 46.4 | 21.2 | 21.2 | 35.2 |
| Other | 10.6 | 10.6 | 31.8 | 9.6 | 9.6 | 23.2 |
| Central Plant that Produces | | | | | | |
| District Hot Water | 19.1 | 19.1 | 19.1 | 10.5 | 10.5 | 10.5 |
| District Steam | 19.5 | 19.5 | 19.5 | 11.9 | 11.9 | 11.9 |
| District Chilled Water | 18 | 18 | 18 | 9.8 | 9.8 | 9.8 |
| Electricity | 22.9 | 22.9 | 22.9 | 17.5 | 17.5 | 17.5 |
| Energy Sources (more than one may apply) | | | | | | |
| Electricity | 4.1 | 5.9 | 13.6 | 3.5 | 4.6 | 7.4 |
| Natural Gas | 4.8 | 8.4 | 19.1 | 3.9 | 5.4 | 10.2 |
| Fuel Oil | 16.7 | 27.4 | 25 | 6.9 | 10 | 13.7 |
| District Heat | 15.5 | 15.9 | 16.4 | 9.9 | 10.7 | 11.6 |
| District Chilled Water | 27.2 | 29.4 | 24.4 | 12.1 | 12.8 | 13 |
| Propane | 15 | 22.4 | 32.3 | 10.9 | 16.3 | 36.5 |
| Other | 18.8 | 36.5 | 30.7 | 14 | 21 | 37.3 |
| Energy End Uses (more than one may apply) | | | | | | |
| Buildings with Space Heating | 4.2 | 6.4 | 13.9 | 3.5 | 4.7 | 7.5 |
| Buildings with Cooling | 3.9 | 6.3 | 14.7 | 3.8 | 5.2 | 7.7 |
| Buildings with Water Heating | 4.4 | 6.4 | 13.4 | 3.7 | 4.9 | 7.1 |
| Buildings with Cooking | 5.8 | 11.9 | 24.7 | 4.4 | 7.1 | 10.1 |
| Buildings with Manufacturing | 16.7 | 37 | 43.7 | 12.7 | 20.2 | 43.4 |

RSEs for Table B17. Energy Sources, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | | | | |
|--|------------------------------|---------------------------------------|---|-------------|----------|---------------|------------------------|---------|-------|
| | All Buildings | All Buildings Using Any Energy Source | Energy Sources Used (more than one may apply) | | | | | | |
| | | | Electricity | Natural Gas | Fuel Oil | District Heat | District Chilled Water | Propane | Other |
| All Buildings | 4.2 | 4.0 | 4.1 | 4.8 | 16.7 | 15.5 | 27.2 | 15.0 | 18.8 |
| Building Floorspace (Square Feet) | | | | | | | | | |
| 1,001 to 5,000 | 6.8 | 6.6 | 6.6 | 8.6 | 25.2 | 39.9 | 75.7 | 19.6 | 25.4 |
| 5,001 to 10,000 | 6.7 | 7.0 | 7.0 | 10.1 | 28.6 | 44.2 | 82.1 | 23.2 | 47.3 |
| 10,001 to 25,000 | 7.1 | 7.0 | 7.1 | 7.6 | 19.6 | 30.8 | 21.3 | 27.1 | 38.6 |
| 25,001 to 50,000 | 6.9 | 6.9 | 6.9 | 7.0 | 19.5 | 21.8 | 28.4 | 24.5 | 37.3 |
| 50,001 to 100,000 | 10.3 | 10.3 | 10.3 | 10.6 | 15.0 | 13.4 | 14.5 | 25.0 | 20.2 |
| 100,001 to 200,000 | 6.3 | 6.4 | 6.4 | 8.1 | 10.2 | 13.4 | 15.2 | 19.0 | 31.2 |
| 200,001 to 500,000 | 6.5 | 6.4 | 6.4 | 6.5 | 9.1 | 14.6 | 21.9 | 19.5 | 40.7 |
| Over 500,000 | 10.7 | 10.7 | 10.7 | 11.4 | 17.8 | 19.3 | 28.3 | 34.4 | 42.3 |
| Principal Building Activity | | | | | | | | | |
| Education | 12.3 | 12.3 | 12.3 | 14.8 | 13.6 | 24.3 | 51.7 | 28.0 | 47.3 |
| Food Sales | 17.2 | 17.2 | 17.2 | 23.5 | 54.2 | 100.3 | 0.0 | 63.2 | 40.4 |
| Food Service | 9.3 | 9.3 | 9.3 | 10.2 | 53.5 | 50.8 | 100.0 | 27.6 | 41.0 |
| Health Care | 17.6 | 17.6 | 17.6 | 22.9 | 31.6 | 25.6 | 18.4 | 42.3 | 98.0 |
| Inpatient | 25.6 | 25.6 | 25.6 | 29.0 | 35.6 | 33.2 | 25.4 | 28.5 | 41.4 |
| Outpatient | 19.1 | 19.1 | 19.1 | 26.0 | 61.3 | 39.1 | 33.3 | 66.5 | 100.1 |
| Lodging | 11.4 | 11.4 | 11.4 | 15.2 | 22.6 | 31.4 | 57.1 | 34.4 | 68.3 |
| Mercantile | 9.1 | 9.1 | 9.1 | 10.7 | 34.3 | 72.6 | 97.3 | 39.8 | 39.7 |
| Retail (Other Than Mall) | 10.8 | 10.8 | 10.8 | 12.6 | 37.8 | 72.6 | 100.0 | 46.3 | 41.7 |
| Enclosed and Strip Malls | 17.7 | 17.7 | 17.7 | 20.1 | 56.3 | 0.0 | 100.1 | 25.9 | 47.0 |
| Office | 8.3 | 8.3 | 8.3 | 10.4 | 22.7 | 34.6 | 20.6 | 43.0 | 28.4 |
| Public Assembly | 13.5 | 13.7 | 13.7 | 16.0 | 41.1 | 46.9 | 65.9 | 32.6 | 65.9 |
| Public Order and Safety | 28.1 | 28.2 | 28.2 | 29.4 | 49.5 | 40.1 | 48.6 | 52.5 | 55.5 |
| Religious Worship | 12.1 | 12.1 | 12.1 | 14.3 | 45.3 | 58.8 | 70.4 | 33.4 | 68.5 |
| Service | 12.8 | 13.0 | 13.0 | 14.6 | 33.1 | 43.6 | 100.0 | 32.3 | 44.5 |
| Warehouse and Storage | 12.4 | 12.6 | 12.6 | 18.5 | 33.9 | 62.1 | 102.9 | 37.9 | 75.6 |
| Other | 22.0 | 22.5 | 22.5 | 36.1 | 73.7 | 46.0 | 57.4 | 58.3 | 95.3 |
| Vacant | 14.5 | 20.7 | 21.0 | 27.1 | 91.4 | 91.6 | 0.0 | 88.2 | 85.8 |
| Year Constructed | | | | | | | | | |
| 1919 or Before | 11.3 | 11.4 | 11.4 | 13.3 | 33.5 | 48.0 | 78.1 | 43.3 | 55.5 |
| 1920 to 1945 | 10.9 | 10.8 | 10.8 | 13.4 | 33.6 | 39.8 | 38.6 | 32.4 | 57.4 |
| 1946 to 1959 | 6.7 | 6.4 | 6.2 | 8.4 | 17.9 | 33.8 | 29.6 | 28.0 | 33.9 |
| 1960 to 1969 | 7.4 | 7.2 | 7.2 | 7.6 | 29.2 | 13.6 | 14.6 | 29.4 | 40.4 |
| 1970 to 1979 | 8.1 | 8.2 | 8.2 | 10.5 | 26.5 | 55.7 | 69.2 | 25.8 | 43.5 |
| 1980 to 1989 | 7.4 | 7.6 | 7.6 | 9.1 | 33.7 | 40.6 | 50.8 | 22.4 | 38.6 |
| 1990 to 1999 | 12.9 | 13.2 | 13.2 | 11.9 | 38.8 | 43.2 | 34.2 | 34.2 | 58.1 |
| Census Region | | | | | | | | | |
| Northeast | 8.0 | 7.6 | 7.6 | 11.9 | 22.0 | 32.5 | 30.4 | 17.3 | 25.0 |
| Midwest | 9.7 | 10.0 | 10.0 | 11.4 | 29.9 | 35.3 | 49.8 | 29.5 | 31.6 |
| South | 5.6 | 5.6 | 5.6 | 7.7 | 32.2 | 27.9 | 52.5 | 29.2 | 29.3 |
| West | 10.8 | 10.3 | 10.4 | 9.5 | 48.0 | 25.1 | 33.1 | 44.3 | 54.0 |
| Climate Zone: 45-Year Average | | | | | | | | | |
| Under 2,000 CDD and -- | | | | | | | | | |
| More than 7,000 HDD | 19.0 | 17.7 | 17.7 | 21.6 | 27.7 | 23.8 | 49.3 | 21.5 | 45.6 |
| 5,500-7,000 HDD | 7.0 | 6.8 | 6.8 | 7.7 | 30.7 | 22.2 | 32.8 | 34.7 | 37.2 |
| 4,000-5,499 HDD | 16.8 | 16.5 | 16.5 | 17.1 | 28.2 | 29.7 | 52.6 | 37.6 | 40.0 |
| Fewer than 4,000 HDD | 10.9 | 10.4 | 10.2 | 12.1 | 36.8 | 38.7 | 18.7 | 41.7 | 43.9 |
| 2,000 CDD or More and -- | | | | | | | | | |
| Fewer than 4,000 HDD | 11.1 | 10.9 | 10.9 | 14.6 | 40.0 | 31.2 | 49.8 | 27.5 | 40.6 |

RSEs for Table B17. Energy Sources, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | | | | |
|---|------------------------------|---------------------------------------|---|-------------|----------|---------------|------------------------|---------|-------|
| | All Buildings | All Buildings Using Any Energy Source | Energy Sources Used (more than one may apply) | | | | | | |
| | | | Electricity | Natural Gas | Fuel Oil | District Heat | District Chilled Water | Propane | Other |
| Workers (main shift) | | | | | | | | | |
| Fewer than 5 | 6.0 | 5.9 | 5.9 | 8.0 | 25.3 | 31.1 | 68.2 | 19.5 | 25.6 |
| 5 to 9 | 7.9 | 8.1 | 8.1 | 8.5 | 31.2 | 38.5 | 49.6 | 28.1 | 59.7 |
| 10 to 19 | 7.6 | 7.6 | 7.6 | 9.8 | 35.5 | 36.6 | 32.6 | 32.0 | 41.2 |
| 20 to 49 | 9.0 | 9.0 | 9.0 | 11.3 | 17.1 | 27.5 | 32.3 | 26.8 | 49.6 |
| 50 to 99 | 10.7 | 10.7 | 10.7 | 11.3 | 20.0 | 38.9 | 43.6 | 20.4 | 28.8 |
| 100 to 249 | 11.7 | 11.7 | 11.7 | 14.4 | 13.5 | 16.4 | 24.3 | 19.4 | 62.0 |
| 250 or More | 8.6 | 8.6 | 8.6 | 9.8 | 10.5 | 18.8 | 23.2 | 29.2 | 27.8 |
| Weekly Operating Hours | | | | | | | | | |
| 39 or Fewer | 10.3 | 11.7 | 12.0 | 16.6 | 33.2 | 47.4 | 75.6 | 27.0 | 50.5 |
| 40 to 48 | 5.9 | 5.9 | 5.9 | 7.4 | 26.7 | 30.0 | 73.6 | 27.2 | 37.3 |
| 49 to 60 | 8.2 | 8.2 | 8.2 | 8.3 | 21.5 | 38.6 | 48.0 | 26.5 | 31.3 |
| 61 to 84 | 9.6 | 9.6 | 9.6 | 12.9 | 31.6 | 36.5 | 21.0 | 29.8 | 33.2 |
| 85 to 167 | 7.7 | 7.7 | 7.7 | 10.5 | 34.6 | 37.2 | 21.5 | 28.2 | 54.6 |
| Open Continuously | 10.4 | 10.2 | 10.2 | 12.6 | 23.1 | 24.0 | 38.9 | 24.5 | 56.0 |
| Ownership and Occupancy | | | | | | | | | |
| Nongovernment Owned | 4.5 | 4.4 | 4.4 | 5.3 | 18.6 | 20.0 | 24.5 | 15.5 | 19.8 |
| Owner Occupied | 5.4 | 5.4 | 5.4 | 6.6 | 20.2 | 20.8 | 20.2 | 15.8 | 22.1 |
| Nonowner Occupied | 5.8 | 6.1 | 6.1 | 7.6 | 25.6 | 50.4 | 54.9 | 25.4 | 35.2 |
| Unoccupied | 17.1 | 32.7 | 34.5 | 35.1 | 72.6 | 0.0 | 0.0 | 100.2 | 100.2 |
| Government Owned | 9.0 | 9.4 | 9.4 | 11.5 | 14.5 | 25.3 | 47.7 | 31.2 | 39.4 |
| Vacancy Status | | | | | | | | | |
| Completely Vacant | 20.7 | 34.8 | 36.0 | 45.8 | 0.0 | 0.0 | 0.0 | 100.2 | 0.0 |
| Mostly Vacant | 22.9 | 24.7 | 24.7 | 32.2 | 91.4 | 91.6 | 0.0 | 77.5 | 85.8 |
| Partially Vacant | 7.3 | 7.4 | 7.4 | 10.4 | 31.4 | 52.8 | 73.6 | 21.9 | 58.8 |
| Not At All Vacant | 4.4 | 4.3 | 4.3 | 4.7 | 16.7 | 15.9 | 23.6 | 15.1 | 18.7 |
| Energy Sources (more than one may apply) | | | | | | | | | |
| Electricity | 4.1 | 4.1 | 4.1 | 4.8 | 16.7 | 15.5 | 27.2 | 15.0 | 18.8 |
| Natural Gas | 4.8 | 4.8 | 4.8 | 4.8 | 17.7 | 24.4 | 33.0 | 23.1 | 19.2 |
| Fuel Oil | 16.7 | 16.7 | 16.7 | 17.7 | 16.7 | 19.2 | 22.6 | 20.7 | 41.3 |
| District Heat | 15.5 | 15.5 | 15.5 | 24.4 | 19.2 | 15.5 | 31.5 | 64.0 | 41.1 |
| District Chilled Water | 27.2 | 27.2 | 27.2 | 33.0 | 22.6 | 31.5 | 27.2 | 52.2 | 49.9 |
| Propane | 15.0 | 15.0 | 15.0 | 23.1 | 20.7 | 64.0 | 52.2 | 15.0 | 40.7 |
| Other | 18.8 | 18.8 | 18.8 | 19.2 | 41.3 | 41.1 | 49.9 | 40.7 | 18.8 |
| Energy End Uses (more than one may apply) | | | | | | | | | |
| Buildings with Space Heating | 4.2 | 4.2 | 4.2 | 5.0 | 16.8 | 15.7 | 27.4 | 15.0 | 19.0 |
| Buildings with Cooling | 3.9 | 3.9 | 3.9 | 4.9 | 18.9 | 16.6 | 27.2 | 15.5 | 22.2 |
| Buildings with Water Heating | 4.4 | 4.4 | 4.4 | 5.0 | 16.0 | 16.4 | 21.9 | 15.0 | 25.2 |
| Buildings with Cooking | 5.8 | 5.8 | 5.8 | 7.4 | 18.5 | 29.9 | 21.3 | 16.1 | 27.1 |
| Buildings with Manufacturing | 16.7 | 16.7 | 16.7 | 22.2 | 36.6 | 50.8 | 100.2 | 52.2 | 48.0 |
| Buildings with Electricity Generation | 14.2 | 14.2 | 14.2 | 15.7 | 18.0 | 37.6 | 18.3 | 38.2 | 32.2 |
| Energy-Related Space Functions (more than one may apply) | | | | | | | | | |
| Commercial Food Preparation | 5.8 | 5.8 | 5.8 | 6.9 | 21.1 | 32.1 | 21.6 | 18.6 | 27.1 |
| Activities with Large Amounts of Hot Water | 6.3 | 6.3 | 6.3 | 8.1 | 20.0 | 23.8 | 40.1 | 18.9 | 35.5 |

RSEs for Table B18. Energy Sources, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | | | | |
|--|---------------------------|---------------------------------------|---|-------------|----------|---------------|------------------------|---------|--------------------|
| | All Buildings | All Buildings Using Any Energy Source | Energy Sources Used (more than one may apply) | | | | | | |
| | | | Electricity | Natural Gas | Fuel Oil | District Heat | District Chilled Water | Propane | Other ¹ |
| All Buildings | 3.5 | 3.5 | 3.5 | 3.9 | 6.9 | 9.9 | 12.1 | 10.9 | 14.0 |
| Building Floorspace (Square Feet) | | | | | | | | | |
| 1,001 to 5,000 | 6.1 | 6.1 | 6.1 | 8.3 | 26.3 | 43.8 | 75.6 | 22.2 | 26.6 |
| 5,001 to 10,000 | 7.1 | 7.4 | 7.4 | 10.4 | 30.4 | 45.7 | 84.9 | 23.6 | 45.0 |
| 10,001 to 25,000 | 6.8 | 6.8 | 6.8 | 7.1 | 18.9 | 28.3 | 21.4 | 26.5 | 36.3 |
| 25,001 to 50,000 | 6.8 | 6.8 | 6.8 | 7.2 | 18.9 | 20.4 | 29.9 | 23.2 | 31.0 |
| 50,001 to 100,000 | 10.2 | 10.2 | 10.2 | 10.5 | 15.4 | 13.2 | 14.5 | 25.3 | 20.6 |
| 100,001 to 200,000 | 6.4 | 6.4 | 6.4 | 8.3 | 9.8 | 13.1 | 15.8 | 18.9 | 32.3 |
| 200,001 to 500,000 | 6.6 | 6.5 | 6.5 | 6.9 | 9.7 | 15.1 | 19.9 | 19.7 | 35.7 |
| Over 500,000 | 11.1 | 11.1 | 11.1 | 12.0 | 17.9 | 19.4 | 26.3 | 32.5 | 39.0 |
| Principal Building Activity | | | | | | | | | |
| Education | 6.2 | 6.2 | 6.2 | 8.3 | 13.8 | 16.6 | 15.4 | 22.9 | 33.1 |
| Food Sales | 16.0 | 16.0 | 16.0 | 17.2 | 57.3 | 100.3 | 0.0 | 67.6 | 52.9 |
| Food Service | 9.7 | 9.7 | 9.7 | 11.0 | 45.2 | 53.6 | 100.0 | 26.5 | 33.1 |
| Health Care | 7.6 | 7.6 | 7.6 | 9.2 | 9.9 | 19.3 | 15.6 | 25.0 | 40.1 |
| Inpatient | 9.9 | 9.9 | 9.9 | 11.0 | 10.4 | 21.9 | 19.0 | 27.0 | 39.7 |
| Outpatient | 10.3 | 10.3 | 10.3 | 15.7 | 28.0 | 33.8 | 33.9 | 62.4 | 100.1 |
| Lodging | 11.0 | 11.0 | 11.0 | 12.4 | 24.3 | 22.3 | 34.7 | 24.5 | 39.5 |
| Mercantile | 8.8 | 8.8 | 8.8 | 9.6 | 21.9 | | 72.2 | 28.0 | 29.7 |
| Retail (Other Than Mall) | 10.7 | 10.7 | 10.7 | 12.6 | 35.0 | 72.0 | 100.0 | 31.4 | 41.2 |
| Enclosed and Strip Malls | 10.3 | 10.3 | 10.3 | 11.5 | 27.6 | 0.0 | 100.2 | 34.0 | 37.0 |
| Office | 6.9 | 6.9 | 6.9 | 8.3 | 10.3 | 15.3 | 20.8 | 31.8 | 23.3 |
| Public Assembly | 10.8 | 10.8 | 10.8 | 12.5 | 23.3 | 22.7 | 27.0 | 22.8 | 46.4 |
| Public Order and Safety | 22.2 | 21.0 | 21.0 | 20.7 | 30.8 | 36.7 | 48.9 | 57.5 | 47.2 |
| Religious Worship | 12.0 | 12.0 | 12.0 | 12.5 | 43.4 | 54.2 | 75.0 | 38.1 | 64.8 |
| Service | 11.8 | 12.0 | 12.0 | 13.7 | 26.0 | 71.4 | 100.0 | 37.7 | 48.2 |
| Warehouse and Storage | 9.4 | 9.6 | 9.6 | 10.6 | 16.3 | 54.2 | 102.9 | 17.5 | 55.3 |
| Other | 13.6 | 13.6 | 13.6 | 21.9 | 30.5 | 42.2 | 54.1 | 50.5 | 85.1 |
| Vacant | 12.2 | 16.8 | 17.0 | 19.4 | 64.3 | 72.3 | 0.0 | 58.0 | 63.4 |
| Year Constructed | | | | | | | | | |
| 1919 or Before | 7.2 | 6.9 | 6.8 | 9.5 | 19.4 | 32.0 | 43.7 | 29.8 | 26.1 |
| 1920 to 1945 | 9.0 | 9.1 | 9.1 | 9.2 | 17.4 | 32.0 | 23.0 | 30.6 | 40.9 |
| 1946 to 1959 | 7.7 | 7.7 | 7.7 | 8.5 | 16.2 | 21.6 | 34.4 | 23.6 | 23.8 |
| 1960 to 1969 | 6.2 | 6.3 | 6.3 | 7.7 | 13.3 | 11.1 | 17.1 | 21.7 | 35.4 |
| 1970 to 1979 | 5.8 | 5.9 | 5.9 | 6.9 | 16.5 | 18.8 | 17.7 | 22.6 | 33.3 |
| 1980 to 1989 | 6.1 | 6.2 | 6.2 | 7.6 | 10.3 | 18.9 | 24.6 | 18.2 | 28.7 |
| 1990 to 1999 | 6.3 | 6.3 | 6.3 | 6.6 | 10.9 | 19.4 | 20.5 | 21.7 | 31.0 |
| Census Region | | | | | | | | | |
| Northeast | 7.7 | 7.6 | 7.6 | 6.8 | 10.9 | 16.6 | 25.2 | 14.8 | 31.4 |
| Midwest | 5.0 | 5.3 | 5.3 | 6.1 | 11.1 | 18.9 | 26.1 | 23.2 | 32.5 |
| South | 5.3 | 5.3 | 5.3 | 7.0 | 11.4 | 21.1 | 20.1 | 23.6 | 16.8 |
| West | 6.0 | 6.0 | 6.1 | 7.9 | 13.5 | 21.2 | 18.2 | 31.3 | 25.5 |
| Climate Zone: 45-Year Average | | | | | | | | | |
| Under 2,000 CDD and -- | | | | | | | | | |
| More than 7,000 HDD | 10.5 | 10.1 | 10.1 | 10.7 | 13.2 | 26.5 | 49.2 | 24.7 | 49.8 |
| 5,500-7,000 HDD | 7.1 | 7.0 | 7.0 | 7.1 | 14.4 | 19.0 | 25.1 | 22.8 | 31.5 |
| 4,000-5,499 HDD | 9.1 | 9.0 | 9.0 | 9.9 | 11.8 | 16.7 | 21.5 | 30.5 | 28.5 |
| Fewer than 4,000 HDD | 8.9 | 8.9 | 8.9 | 9.7 | 15.7 | 25.8 | 26.1 | 29.4 | 25.4 |
| 2,000 CDD or More and -- | | | | | | | | | |
| Fewer than 4,000 HDD | 9.4 | 9.3 | 9.3 | 11.6 | 17.6 | 19.1 | 19.4 | 24.0 | 28.2 |

RSEs for Table B18. Energy Sources, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | | | | |
|---|---------------------------|---------------------------------------|---|-------------|----------|---------------|------------------------|---------|--------------------|
| | All Buildings | All Buildings Using Any Energy Source | Energy Sources Used (more than one may apply) | | | | | | |
| | | | Electricity | Natural Gas | Fuel Oil | District Heat | District Chilled Water | Propane | Other ¹ |
| Workers (main shift) | | | | | | | | | |
| Fewer than 5 | 6.3 | 6.6 | 6.7 | 8.1 | 24.0 | 23.4 | 38.5 | 21.7 | 23.8 |
| 5 to 9 | 7.6 | 7.9 | 7.9 | 7.9 | 22.9 | 27.4 | 49.9 | 31.7 | 61.9 |
| 10 to 19 | 6.7 | 6.7 | 6.7 | 7.9 | 27.5 | 30.6 | 34.7 | 19.3 | 41.3 |
| 20 to 49 | 6.6 | 6.6 | 6.6 | 7.5 | 13.3 | 22.7 | 29.6 | 18.7 | 23.4 |
| 50 to 99 | 8.9 | 8.9 | 8.9 | 8.9 | 18.2 | 18.5 | 20.5 | 23.1 | 33.7 |
| 100 to 249 | 7.2 | 7.2 | 7.2 | 7.7 | 11.8 | 20.9 | 22.6 | 22.1 | 29.3 |
| 250 or More | 6.3 | 6.3 | 6.3 | 7.7 | 8.9 | 14.1 | 17.5 | 29.3 | 32.3 |
| Weekly Operating Hours | | | | | | | | | |
| 39 or Fewer | 9.8 | 11.1 | 11.3 | 12.5 | 32.8 | 40.1 | 58.0 | 29.3 | 36.5 |
| 40 to 48 | 6.1 | 6.2 | 6.2 | 6.3 | 16.1 | 22.7 | 28.9 | 29.0 | 21.1 |
| 49 to 60 | 6.1 | 6.1 | 6.1 | 7.3 | 13.8 | 16.8 | 21.1 | 17.6 | 23.5 |
| 61 to 84 | 6.1 | 6.1 | 6.1 | 7.7 | 15.5 | 19.0 | 17.9 | 15.7 | 24.4 |
| 85 to 167 | 7.0 | 7.0 | 7.0 | 8.3 | 16.5 | 18.2 | 21.0 | 20.6 | 30.6 |
| Open Continuously | 5.0 | 5.0 | 5.0 | 5.8 | 8.9 | 12.8 | 17.1 | 16.9 | 29.1 |
| Ownership and Occupancy | | | | | | | | | |
| Nongovernment Owned | 4.2 | 4.2 | 4.2 | 4.4 | 8.6 | 12.9 | 16.9 | 11.6 | 15.8 |
| Owner Occupied | 4.5 | 4.6 | 4.6 | 4.7 | 9.9 | 13.9 | 17.8 | 12.3 | 19.1 |
| Nonowner Occupied | 6.4 | 6.5 | 6.5 | 7.4 | 17.0 | 24.2 | 34.0 | 19.9 | 21.6 |
| Unoccupied | 14.6 | 24.0 | 24.8 | 32.5 | 79.6 | 0.0 | 0.0 | 100.2 | 100.2 |
| Government Owned | 4.6 | 4.7 | 4.8 | 6.1 | 9.5 | 14.6 | 18.6 | 17.4 | 27.4 |
| Vacancy Status | | | | | | | | | |
| Completely Vacant | 14.5 | 25.4 | 26.3 | 32.5 | 0.0 | 0.0 | 0.0 | 100.2 | 0.0 |
| Mostly Vacant | 20.0 | 21.9 | 21.7 | 23.6 | 64.3 | 72.3 | 0.0 | 70.1 | 63.4 |
| Partially Vacant | 6.2 | 6.3 | 6.3 | 7.3 | 14.5 | 16.3 | 25.4 | 15.9 | 34.5 |
| Not At All Vacant | 3.4 | 3.5 | 3.5 | 3.6 | 7.1 | 10.4 | 12.7 | 11.8 | 15.4 |
| Energy Sources (more than one may apply) | | | | | | | | | |
| Electricity | 3.5 | 3.5 | 3.5 | 3.9 | 6.9 | 9.9 | 12.1 | 10.9 | 14.0 |
| Natural Gas | 3.9 | 3.9 | 3.9 | 3.9 | 6.6 | 13.7 | 14.6 | 13.2 | 16.7 |
| Fuel Oil | 6.9 | 6.9 | 6.9 | 6.6 | 6.9 | 16.7 | 17.4 | 12.3 | 26.7 |
| District Heat | 9.9 | 9.9 | 9.9 | 13.7 | 16.7 | 9.9 | 14.4 | 34.9 | 31.1 |
| District Chilled Water | 12.1 | 12.1 | 12.1 | 14.6 | 17.4 | 14.4 | 12.1 | 38.9 | 43.2 |
| Propane | 10.9 | 10.9 | 10.9 | 13.2 | 12.3 | 34.9 | 38.9 | 10.9 | 34.7 |
| Other | 14.0 | 14.0 | 14.0 | 16.7 | 26.7 | 31.1 | 43.2 | 34.7 | 14.0 |
| Energy End Uses (more than one may apply) | | | | | | | | | |
| Buildings with Space Heating | 3.5 | 3.5 | 3.5 | 3.9 | 6.9 | 9.8 | 12.2 | 11.2 | 14.2 |
| Buildings with Cooling | 3.8 | 3.8 | 3.8 | 4.3 | 7.4 | 9.9 | 12.1 | 11.7 | 14.5 |
| Buildings with Water Heating | 3.7 | 3.7 | 3.7 | 3.9 | 6.9 | 10.2 | 12.5 | 10.4 | 13.9 |
| Buildings with Cooking | 4.4 | 4.4 | 4.4 | 4.8 | 7.7 | 15.5 | 20.0 | 13.7 | 18.2 |
| Buildings with Manufacturing | 12.7 | 12.7 | 12.7 | 15.1 | 23.5 | 58.7 | 100.2 | 22.1 | 46.6 |
| Buildings with Electricity Generation | 7.4 | 7.4 | 7.4 | 7.2 | 8.7 | 15.4 | 16.3 | 17.3 | 19.0 |
| Energy-Related Space Functions (more than one may apply) | | | | | | | | | |
| Commercial Food Preparation | 4.5 | 4.5 | 4.5 | 4.9 | 7.7 | 15.8 | 20.4 | 15.1 | 18.2 |
| Activities with Large Amounts of Hot Water | 4.0 | 4.0 | 4.0 | 4.9 | 7.0 | 12.1 | 17.3 | 12.8 | 19.5 |

RSEs for Table B19. Energy End Uses, Number of Buildings and Floorspace, 1999

| | RSEs for Number of Buildings | | | | | | RSEs for Total Floorspace | | | | | |
|--|------------------------------|--|---------|---------------|---------|---------------|---------------------------|--|---------|---------------|---------|---------------|
| | All Buildings | Energy Used For (more than one may apply) | | | | | All Buildings | Energy Used For (more than one may apply) | | | | |
| | | Space Heating | Cooling | Water Heating | Cooking | Manufacturing | | Space Heating | Cooling | Water Heating | Cooking | Manufacturing |
| All Buildings | 4.2 | 4.2 | 3.9 | 4.4 | 5.8 | 16.7 | 3.5 | 3.5 | 3.8 | 3.7 | 4.4 | 12.7 |
| Building Floorspace (Square Feet) | | | | | | | | | | | | |
| 1,001 to 5,000 | 6.8 | 7.1 | 6.3 | 6.9 | 10.8 | 28.6 | 6.1 | 6.8 | 6.2 | 6.8 | 11.3 | 30.7 |
| 5,001 to 10,000 | 6.7 | 7.9 | 8.6 | 8.5 | 19.4 | 40.8 | 7.1 | 8.2 | 8.9 | 8.7 | 19.8 | 41.9 |
| 10,001 to 25,000 | 7.1 | 7.0 | 7.3 | 7.0 | 14.9 | 29.9 | 6.8 | 6.6 | 6.9 | 6.9 | 14.6 | 32.3 |
| 25,001 to 50,000 | 6.9 | 7.3 | 8.0 | 7.1 | 10.3 | 21.6 | 6.8 | 7.3 | 8.0 | 7.1 | 10.6 | 21.5 |
| 50,001 to 100,000 | 10.3 | 10.3 | 10.4 | 10.6 | 10.8 | 28.6 | 10.2 | 10.2 | 10.2 | 10.5 | 10.4 | 27.9 |
| 100,001 to 200,000 | 6.3 | 6.6 | 6.7 | 6.8 | 9.8 | 32.7 | 6.4 | 6.5 | 6.6 | 6.7 | 9.9 | 32.8 |
| 200,001 to 500,000 | 6.5 | 6.2 | 6.4 | 6.3 | 7.6 | 28.4 | 6.6 | 6.5 | 6.8 | 6.5 | 8.0 | 26.6 |
| Over 500,000 | 10.7 | 10.6 | 11.6 | 11.3 | 12.3 | 42.7 | 11.1 | 10.9 | 11.9 | 11.8 | 12.3 | 43.3 |
| Principal Building Activity | | | | | | | | | | | | |
| Education | 12.3 | 12.4 | 10.9 | 10.7 | 11.5 | 55.3 | 6.2 | 6.3 | 6.3 | 6.7 | 7.4 | 55.1 |
| Food Sales | 17.2 | 19.2 | 18.3 | 17.1 | 23.7 | 100.1 | 16.0 | 18.6 | 16.3 | 16.3 | 19.6 | 100.1 |
| Food Service | 9.3 | 10.3 | 9.8 | 9.3 | 9.9 | 71.3 | 9.7 | 10.4 | 10.2 | 9.7 | 10.3 | 77.8 |
| Health Care | 17.6 | 17.6 | 17.6 | 17.7 | 25.0 | 101.9 | 7.6 | 7.6 | 7.2 | 7.7 | 10.0 | 101.9 |
| Inpatient | 25.6 | 25.6 | 25.9 | 25.7 | 27.5 | 101.9 | 9.9 | 9.9 | 9.4 | 9.9 | 10.4 | 101.9 |
| Outpatient | 19.1 | 19.1 | 19.1 | 19.2 | 47.0 | 0.0 | 10.3 | 10.3 | 10.3 | 10.5 | 48.2 | 0.0 |
| Lodging | 11.4 | 11.5 | 13.6 | 12.2 | 22.0 | 100.1 | 11.0 | 11.2 | 11.8 | 11.1 | 15.2 | 100.1 |
| Mercantile | 9.1 | 9.2 | 9.7 | 10.4 | 15.9 | 47.3 | 8.8 | 8.8 | 8.9 | 8.6 | 10.8 | 41.2 |
| Retail (Other Than Mall) | 10.8 | 11.0 | 11.7 | 12.1 | 37.5 | 47.6 | 10.7 | 11.1 | 11.2 | 11.6 | 19.3 | 41.5 |
| Enclosed and Strip Malls | 17.7 | 18.1 | 17.9 | 18.2 | 21.1 | 100.8 | 10.3 | 9.7 | 10.4 | 10.1 | 12.2 | 100.8 |
| Office | 8.3 | 8.6 | 8.4 | 8.9 | 10.8 | 54.5 | 6.9 | 7.0 | 7.0 | 6.9 | 10.8 | 26.0 |
| Public Assembly | 13.5 | 13.8 | 14.8 | 15.0 | 22.6 | 84.9 | 10.8 | 11.0 | 10.5 | 10.8 | 15.3 | 70.2 |
| Public Order and Safety | 28.1 | 29.3 | 22.7 | 35.2 | 49.0 | 73.0 | 22.2 | 21.2 | 18.6 | 23.3 | 27.7 | 71.2 |
| Religious Worship | 12.1 | 12.1 | 15.3 | 13.5 | 27.9 | 0.0 | 12.0 | 12.1 | 14.6 | 13.0 | 22.3 | 0.0 |
| Service | 12.8 | 14.1 | 15.4 | 16.3 | 77.3 | 25.5 | 11.8 | 13.6 | 14.7 | 13.6 | 55.2 | 36.5 |
| Warehouse and Storage | 12.4 | 13.0 | 14.3 | 16.6 | 67.0 | 25.0 | 9.4 | 9.2 | 10.9 | 10.5 | 42.4 | 17.6 |
| Other | 22.0 | 26.6 | 28.6 | 30.9 | 96.0 | 47.6 | 13.6 | 15.4 | 15.5 | 18.3 | 51.6 | 34.5 |
| Vacant | 14.5 | 24.5 | 28.8 | 30.6 | 42.7 | 70.4 | 12.2 | 18.9 | 23.2 | 24.1 | 44.2 | 74.8 |
| Year Constructed | | | | | | | | | | | | |
| 1919 or Before | 11.3 | 11.7 | 11.4 | 12.5 | 20.6 | 62.7 | 7.2 | 7.3 | 7.8 | 8.7 | 16.5 | 39.1 |
| 1920 to 1945 | 10.9 | 11.7 | 12.7 | 12.3 | 21.4 | 53.3 | 9.0 | 8.4 | 9.2 | 9.0 | 15.5 | 37.2 |
| 1946 to 1959 | 6.7 | 7.1 | 7.2 | 7.7 | 16.7 | 38.8 | 7.7 | 8.0 | 8.3 | 8.2 | 12.3 | 27.7 |
| 1960 to 1969 | 7.4 | 7.7 | 7.8 | 8.3 | 15.9 | 46.9 | 6.2 | 6.5 | 7.3 | 6.6 | 10.2 | 33.0 |
| 1970 to 1979 | 8.1 | 9.2 | 8.7 | 9.8 | 13.6 | 36.2 | 5.8 | 6.5 | 6.0 | 6.6 | 8.9 | 29.9 |
| 1980 to 1989 | 7.4 | 8.0 | 7.7 | 7.9 | 16.4 | 26.3 | 6.1 | 6.1 | 6.4 | 6.4 | 8.8 | 21.5 |
| 1990 to 1999 | 12.9 | 12.2 | 12.1 | 13.0 | 19.4 | 64.8 | 6.3 | 6.2 | 6.6 | 6.0 | 7.5 | 19.3 |
| Census Region | | | | | | | | | | | | |
| Northeast | 8.0 | 8.4 | 10.0 | 7.5 | 10.5 | 49.6 | 7.7 | 7.8 | 8.5 | 7.5 | 9.6 | 28.8 |
| Midwest | 9.7 | 9.8 | 9.5 | 11.1 | 17.3 | 42.4 | 5.0 | 5.3 | 6.0 | 5.0 | 7.9 | 26.0 |
| South | 5.6 | 6.3 | 5.4 | 6.2 | 8.8 | 21.9 | 5.3 | 5.2 | 5.5 | 5.8 | 7.7 | 14.0 |
| West | 10.8 | 10.4 | 8.7 | 9.1 | 14.5 | 39.7 | 6.0 | 6.2 | 6.5 | 6.4 | 9.1 | 31.8 |
| Climate Zone: 45-Year Average | | | | | | | | | | | | |
| Under 2,000 CDD and -- | | | | | | | | | | | | |
| More than 7,000 HDD | 19.0 | 17.8 | 14.0 | 17.6 | 25.4 | 54.2 | 10.5 | 9.9 | 8.2 | 9.1 | 14.8 | 32.4 |
| 5,500-7,000 HDD | 7.0 | 6.9 | 8.7 | 7.4 | 10.5 | 24.4 | 7.1 | 7.2 | 8.6 | 7.2 | 8.1 | 30.4 |
| 4,000-5,499 HDD | 16.8 | 16.8 | 15.0 | 15.0 | 17.6 | 38.5 | 9.1 | 9.0 | 8.6 | 8.9 | 9.0 | 24.6 |
| Fewer than 4,000 HDD | 10.9 | 11.2 | 9.9 | 10.3 | 15.1 | 32.8 | 8.9 | 8.7 | 9.1 | 8.9 | 11.0 | 24.7 |
| 2,000 CDD or More and -- | | | | | | | | | | | | |
| Fewer than 4,000 HDD | 11.1 | 13.0 | 10.7 | 12.4 | 14.1 | 27.4 | 9.4 | 9.7 | 9.2 | 10.1 | 13.0 | 21.1 |

RSEs for Table B19. Energy End Uses, Number of Buildings and Floorspace, 1999

| | RSEs for Number of Buildings | | | | | | RSEs for Total Floorspace | | | | | |
|---|------------------------------|--|---------|---------------|---------|---------------|---------------------------|--|---------|---------------|---------|---------------|
| | All Buildings | Energy Used For (more than one may apply) | | | | | All Buildings | Energy Used For (more than one may apply) | | | | |
| | | Space Heating | Cooling | Water Heating | Cooking | Manufacturing | | Space Heating | Cooling | Water Heating | Cooking | Manufacturing |
| Workers (main shift) | | | | | | | | | | | | |
| Fewer than 5 | 6.0 | 6.4 | 6.6 | 8.2 | 12.9 | 28.1 | 6.3 | 6.8 | 7.6 | 9.3 | 17.2 | 29.5 |
| 5 to 9 | 7.9 | 8.2 | 8.5 | 8.2 | 16.7 | 39.3 | 7.6 | 8.0 | 8.7 | 8.2 | 14.1 | 34.3 |
| 10 to 19 | 7.6 | 7.8 | 7.9 | 8.5 | 11.2 | 36.7 | 6.7 | 7.0 | 7.5 | 7.1 | 14.4 | 22.9 |
| 20 to 49 | 9.0 | 8.9 | 9.6 | 8.9 | 10.7 | 40.0 | 6.6 | 6.5 | 7.4 | 6.3 | 7.1 | 22.2 |
| 50 to 99 | 10.7 | 10.7 | 10.8 | 10.6 | 13.3 | 47.1 | 8.9 | 8.9 | 8.8 | 8.9 | 10.7 | 32.7 |
| 100 to 249 | 11.7 | 10.8 | 11.9 | 11.9 | 9.3 | 27.6 | 7.2 | 7.3 | 7.2 | 7.2 | 10.0 | 26.7 |
| 250 or More | 8.6 | 8.5 | 8.6 | 8.6 | 8.6 | 26.6 | 6.3 | 6.2 | 6.4 | 6.2 | 8.1 | 27.1 |
| Weekly Operating Hours | | | | | | | | | | | | |
| 39 or Fewer | 10.3 | 12.1 | 13.6 | 14.5 | 22.0 | 48.4 | 9.8 | 11.2 | 12.9 | 13.8 | 20.6 | 49.4 |
| 40 to 48 | 5.9 | 5.7 | 5.5 | 7.3 | 14.5 | 32.1 | 6.1 | 6.2 | 6.3 | 6.8 | 10.4 | 21.6 |
| 49 to 60 | 8.2 | 8.6 | 8.8 | 8.5 | 14.9 | 27.6 | 6.1 | 6.2 | 6.4 | 6.6 | 11.2 | 15.9 |
| 61 to 84 | 9.6 | 10.4 | 9.8 | 10.9 | 15.7 | 41.9 | 6.1 | 6.2 | 6.4 | 6.0 | 8.6 | 30.2 |
| 85 to 167 | 7.7 | 7.9 | 8.0 | 7.8 | 12.9 | 31.7 | 7.0 | 6.8 | 7.1 | 7.1 | 8.9 | 32.5 |
| Open Continuously | 10.4 | 10.5 | 10.3 | 9.9 | 15.5 | 67.1 | 5.0 | 4.9 | 5.4 | 4.9 | 7.2 | 31.2 |
| Energy Sources (more than one may apply) | | | | | | | | | | | | |
| Electricity | 4.1 | 4.2 | 3.9 | 4.4 | 5.8 | 16.7 | 3.5 | 3.5 | 3.8 | 3.7 | 4.4 | 12.7 |
| Natural Gas | 4.8 | 5.0 | 4.9 | 5.0 | 7.4 | 22.2 | 3.9 | 3.9 | 4.3 | 3.9 | 4.8 | 15.1 |
| Fuel Oil | 16.7 | 16.8 | 18.9 | 16.0 | 18.5 | 36.6 | 6.9 | 6.9 | 7.4 | 6.9 | 7.7 | 23.5 |
| District Heat | 15.5 | 15.7 | 16.6 | 16.4 | 29.9 | 50.8 | 9.9 | 9.8 | 9.9 | 10.2 | 15.5 | 58.7 |
| District Chilled Water | 27.2 | 27.4 | 27.2 | 21.9 | 21.3 | 100.2 | 12.1 | 12.2 | 12.1 | 12.5 | 20.0 | 100.2 |
| Propane | 15.0 | 15.0 | 15.5 | 15.0 | 16.1 | 52.2 | 10.9 | 11.2 | 11.7 | 10.4 | 13.7 | 22.1 |
| Other | 18.8 | 19.0 | 22.2 | 25.2 | 27.1 | 48.0 | 14.0 | 14.2 | 14.5 | 13.9 | 18.2 | 46.6 |
| Energy End Uses (more than one may apply) | | | | | | | | | | | | |
| Buildings with Space Heating | 4.2 | 4.2 | 4.1 | 4.5 | 6.3 | 16.9 | 3.5 | 3.5 | 3.9 | 3.7 | 4.4 | 12.9 |
| Buildings with Cooling | 3.9 | 4.1 | 3.9 | 4.4 | 6.1 | 17.5 | 3.8 | 3.9 | 3.8 | 3.9 | 4.3 | 13.0 |
| Buildings with Water Heating | 4.4 | 4.5 | 4.4 | 4.4 | 6.3 | 22.2 | 3.7 | 3.7 | 3.9 | 3.7 | 4.5 | 14.7 |
| Buildings with Cooking | 5.8 | 6.3 | 6.1 | 6.3 | 5.8 | 55.6 | 4.4 | 4.4 | 4.3 | 4.5 | 4.4 | 30.2 |
| Buildings with Manufacturing | 16.7 | 16.9 | 17.5 | 22.2 | 55.6 | 16.7 | 12.7 | 12.9 | 13.0 | 14.7 | 30.2 | 12.7 |
| Buildings with Electricity Generation | 14.2 | 14.4 | 13.1 | 12.9 | 15.5 | 75.3 | 7.4 | 7.5 | 7.5 | 7.4 | 8.3 | 31.3 |
| Energy-Related Space Functions (more than one may apply) | | | | | | | | | | | | |
| Commercial Food Preparation | 5.8 | 6.3 | 6.0 | 6.3 | 5.8 | 57.5 | 4.5 | 4.4 | 4.4 | 4.6 | 4.5 | 31.1 |
| Activities with Large Amounts of Hot Water | 6.3 | 6.2 | 7.0 | 6.3 | 8.1 | 56.0 | 4.0 | 3.9 | 4.4 | 4.0 | 4.9 | 28.9 |

RSEs for Table B20. Space-Heating Energy Sources, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | | | |
|--------------------------------------|------------------------------|----------------------------------|--|-------------|----------|---------------|---------|-------|
| | All Buildings | All Buildings with Space Heating | Space-Heating Energy Sources Used (more than one may apply) | | | | | |
| | | | Electricity | Natural Gas | Fuel Oil | District Heat | Propane | Other |
| All Buildings | 4.2 | 4.2 | 5.1 | 5.4 | 19.2 | 16.5 | 18.3 | 25.8 |
| Building Floorspace | | | | | | | | |
| (Square Feet) | | | | | | | | |
| 1,001 to 5,000 | 6.8 | 7.1 | 8.7 | 9.2 | 25.8 | 44.3 | 21.9 | 32.5 |
| 5,001 to 10,000 | 6.7 | 7.9 | 9.1 | 11.6 | 28.7 | 60.4 | 25.4 | 64.0 |
| 10,001 to 25,000 | 7.1 | 7.0 | 10.7 | 7.7 | 21.3 | 33.2 | 38.5 | 49.7 |
| 25,001 to 50,000 | 6.9 | 7.3 | 10.1 | 6.2 | 26.6 | 22.8 | 44.8 | 58.5 |
| 50,001 to 100,000 | 10.3 | 10.3 | 11.4 | 11.1 | 19.8 | 13.7 | 45.0 | 35.3 |
| 100,001 to 200,000 | 6.3 | 6.6 | 8.2 | 8.6 | 18.6 | 13.2 | 35.5 | 101.9 |
| 200,001 to 500,000 | 6.5 | 6.2 | 6.6 | 8.3 | 18.5 | 14.1 | 49.6 | 86.9 |
| Over 500,000 | 10.7 | 10.6 | 11.2 | 13.1 | 36.1 | 19.1 | 51.5 | 67.1 |
| Principal Building Activity | | | | | | | | |
| Education | 12.3 | 12.4 | 17.0 | 16.9 | 15.2 | 24.6 | 43.0 | 71.3 |
| Food Sales | 17.2 | 19.2 | 30.7 | 25.7 | 55.5 | 100.3 | 87.0 | 67.2 |
| Food Service | 9.3 | 10.3 | 15.9 | 13.6 | 55.5 | 83.4 | 40.8 | 64.0 |
| Health Care | 17.6 | 17.6 | 19.8 | 25.3 | 51.6 | 25.7 | 58.4 | 0.0 |
| Inpatient | 25.6 | 25.6 | 19.0 | 14.9 | 59.0 | 33.4 | 79.0 | 0.0 |
| Outpatient | 19.1 | 19.1 | 20.4 | 27.8 | 96.8 | 39.1 | 66.5 | 0.0 |
| Lodging | 11.4 | 11.5 | 14.7 | 18.5 | 34.5 | 36.4 | 26.3 | 76.9 |
| Mercantile | 9.1 | 9.2 | 12.0 | 11.0 | 35.1 | 100.0 | 46.7 | 49.5 |
| Retail (Other Than Mall) | 10.8 | 11.0 | 15.2 | 12.8 | 38.2 | 100.0 | 49.0 | 49.5 |
| Enclosed and Strip Malls | 17.7 | 18.1 | 19.7 | 21.3 | 61.9 | 0.0 | 45.6 | 0.0 |
| Office | 8.3 | 8.6 | 10.4 | 10.3 | 28.9 | 36.5 | 54.4 | 45.6 |
| Public Assembly | 13.5 | 13.8 | 18.4 | 17.9 | 45.3 | 48.1 | 36.7 | 96.0 |
| Public Order and Safety | 28.1 | 29.3 | 39.3 | 30.2 | 57.4 | 40.1 | 97.4 | 100.0 |
| Religious Worship | 12.1 | 12.1 | 16.1 | 14.8 | 45.3 | 58.8 | 33.7 | 72.1 |
| Service | 12.8 | 14.1 | 22.8 | 15.6 | 35.9 | 47.2 | 35.0 | 49.3 |
| Warehouse and Storage | 12.4 | 13.0 | 15.2 | 18.4 | 40.4 | 63.4 | 49.0 | 84.2 |
| Other | 22.0 | 26.6 | 52.0 | 37.0 | 89.5 | 46.0 | 68.6 | 95.4 |
| Vacant | 14.5 | 24.5 | 23.7 | 27.5 | 92.0 | 100.1 | 96.5 | 92.4 |
| Year Constructed | | | | | | | | |
| 1919 or Before | 11.3 | 11.7 | 24.0 | 16.0 | 34.4 | 48.4 | 56.1 | 65.0 |
| 1920 to 1945 | 10.9 | 11.7 | 18.8 | 13.9 | 34.7 | 39.8 | 44.8 | 58.2 |
| 1946 to 1959 | 6.7 | 7.1 | 11.5 | 9.2 | 19.0 | 33.9 | 41.4 | 45.5 |
| 1960 to 1969 | 7.4 | 7.7 | 11.9 | 8.9 | 34.4 | 13.8 | 33.4 | 79.7 |
| 1970 to 1979 | 8.1 | 9.2 | 11.7 | 11.6 | 36.2 | 64.8 | 33.4 | 59.7 |
| 1980 to 1989 | 7.4 | 8.0 | 10.6 | 10.2 | 42.3 | 45.7 | 27.8 | 43.5 |
| 1990 to 1999 | 12.9 | 12.2 | 15.0 | 12.6 | 49.2 | 22.6 | 38.7 | 84.5 |
| Census Region | | | | | | | | |
| Northeast | 8.0 | 8.4 | 9.8 | 13.0 | 22.8 | 32.4 | 28.9 | 64.6 |
| Midwest | 9.7 | 9.8 | 9.5 | 11.8 | 40.0 | 34.6 | 33.5 | 39.7 |
| South | 5.6 | 6.3 | 8.5 | 8.7 | 39.1 | 30.9 | 34.7 | 38.3 |
| West | 10.8 | 10.4 | 11.4 | 10.7 | 70.0 | 24.6 | 42.4 | 78.2 |
| Climate Zone: 45-Year Average | | | | | | | | |
| Under 2,000 CDD and -- | | | | | | | | |
| More than 7,000 HDD | 19.0 | 17.8 | 24.1 | 21.9 | 29.1 | 23.8 | 26.2 | 48.3 |
| 5,500-7,000 HDD | 7.0 | 6.9 | 6.8 | 8.1 | 33.7 | 22.3 | 45.9 | 50.3 |
| 4,000-5,499 HDD | 16.8 | 16.8 | 18.9 | 19.6 | 30.5 | 30.0 | 44.2 | 48.2 |
| Fewer than 4,000 HDD | 10.9 | 11.2 | 11.1 | 12.7 | 73.7 | 23.6 | 52.0 | 66.7 |
| 2,000 CDD or More and -- | | | | | | | | |
| Fewer than 4,000 HDD | 11.1 | 13.0 | 14.6 | 17.4 | 67.0 | 37.1 | 47.2 | 58.4 |

RSEs for Table B20. Space-Heating Energy Sources, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | | | |
|---|------------------------------|----------------------------------|--|-------------|----------|---------------|---------|-------|
| | All Buildings | All Buildings with Space Heating | Space-Heating Energy Sources Used (more than one may apply) | | | | | |
| | | | Electricity | Natural Gas | Fuel Oil | District Heat | Propane | Other |
| Workers (main shift) | | | | | | | | |
| Fewer than 5 | 6.0 | 6.4 | 9.1 | 8.8 | 26.1 | 35.2 | 22.0 | 32.5 |
| 5 to 9 | 7.9 | 8.2 | 9.3 | 8.6 | 32.3 | 43.8 | 35.0 | 65.0 |
| 10 to 19 | 7.6 | 7.8 | 9.9 | 11.2 | 38.1 | 33.3 | 41.6 | 61.5 |
| 20 to 49 | 9.0 | 8.9 | 11.4 | 11.8 | 17.1 | 27.7 | 39.6 | 65.3 |
| 50 to 99 | 10.7 | 10.7 | 14.3 | 12.6 | 26.9 | 41.5 | 31.2 | 42.5 |
| 100 to 249 | 11.7 | 10.8 | 10.4 | 14.2 | 17.6 | 14.8 | 34.6 | 47.2 |
| 250 or More | 8.6 | 8.5 | 9.6 | 10.8 | 21.0 | 18.7 | 61.0 | 65.5 |
| Weekly Operating Hours | | | | | | | | |
| 39 or Fewer | 10.3 | 12.1 | 15.2 | 17.1 | 33.3 | 47.4 | 30.3 | 62.1 |
| 40 to 48 | 5.9 | 5.7 | 7.8 | 7.8 | 29.5 | 31.5 | 30.4 | 56.2 |
| 49 to 60 | 8.2 | 8.6 | 11.5 | 9.6 | 23.1 | 41.2 | 30.2 | 40.1 |
| 61 to 84 | 9.6 | 10.4 | 11.0 | 14.1 | 35.2 | 40.4 | 39.4 | 58.7 |
| 85 to 167 | 7.7 | 7.9 | 12.7 | 11.2 | 39.4 | 19.1 | 43.4 | 60.4 |
| Open Continuously | 10.4 | 10.5 | 13.4 | 15.0 | 36.3 | 25.7 | 32.9 | 93.3 |
| Energy Sources (more than one may apply) | | | | | | | | |
| Electricity | 4.1 | 4.2 | 5.1 | 5.5 | 19.2 | 16.5 | 18.3 | 25.8 |
| Natural Gas | 4.8 | 5.0 | 5.3 | 5.4 | 27.1 | 27.2 | 51.4 | 38.3 |
| Fuel Oil | 16.7 | 16.8 | 26.7 | 18.7 | 19.2 | 19.4 | 52.8 | 48.4 |
| District Heat | 15.5 | 15.7 | 31.5 | 39.4 | 52.2 | 16.5 | 106.8 | 100.3 |
| District Chilled Water | 27.2 | 27.4 | 47.3 | 24.1 | 51.1 | 33.8 | 100.4 | 100.3 |
| Propane | 15.0 | 15.0 | 21.0 | 26.4 | 22.1 | 45.9 | 18.3 | 44.5 |
| Other | 18.8 | 19.0 | 30.8 | 20.5 | 42.7 | 41.1 | 56.7 | 25.8 |
| Primary Space-Heating Energy Source | | | | | | | | |
| Electricity | 7.1 | 7.1 | 7.1 | 11.3 | 39.1 | 68.6 | 20.4 | 55.7 |
| Natural Gas | 6.0 | 6.0 | 8.5 | 6.0 | 36.3 | 37.3 | 59.3 | 59.2 |
| Fuel Oil | 18.8 | 18.8 | 35.3 | 33.4 | 18.8 | 74.1 | 56.2 | 56.3 |
| District Heat | 16.2 | 16.2 | 15.8 | 58.6 | 41.9 | 16.2 | 143.7 | 100.3 |
| Propane | 19.1 | 19.1 | 34.7 | 80.9 | 59.7 | 0.0 | 19.1 | 64.5 |
| Other | 32.6 | 32.6 | 45.8 | 71.9 | 100.0 | 0.0 | 76.4 | 32.6 |
| Cooling Energy Sources (more than one may apply) | | | | | | | | |
| Electricity | 4.0 | 4.3 | 5.2 | 5.8 | 22.9 | 21.0 | 20.1 | 32.7 |
| Natural Gas | 18.3 | 18.6 | 24.5 | 18.9 | 52.0 | 65.9 | 100.3 | 0.0 |
| District Chilled Water | 27.2 | 27.4 | 47.3 | 24.1 | 51.1 | 33.8 | 100.4 | 100.3 |
| Water-Heating Energy Sources (more than one may apply) | | | | | | | | |
| Electricity | 6.0 | 6.3 | 6.9 | 7.9 | 23.4 | 42.2 | 27.6 | 40.4 |
| Natural Gas | 6.1 | 6.2 | 8.0 | 7.1 | 33.2 | 43.4 | 86.6 | 46.4 |
| Fuel Oil | 20.3 | 20.4 | 40.7 | 34.8 | 20.7 | 72.2 | 60.3 | 87.5 |
| District Heat | 17.3 | 17.6 | 37.0 | 33.0 | 65.2 | 15.8 | 106.8 | 100.3 |
| Propane | 18.9 | 18.8 | 33.2 | 71.5 | 43.0 | 0.0 | 29.8 | 64.2 |
| Cooking Energy Sources (more than one may apply) | | | | | | | | |
| Electricity | 8.1 | 8.8 | 8.6 | 12.6 | 32.9 | 29.3 | 37.7 | 51.8 |
| Natural Gas | 8.2 | 8.2 | 9.7 | 10.4 | 34.3 | 52.8 | 67.7 | 70.2 |
| Propane | 22.3 | 23.5 | 28.2 | 50.2 | 47.3 | 100.5 | 35.5 | 62.2 |

RSEs for Table B20. Space-Heating Energy Sources, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | | | |
|--|------------------------------|----------------------------------|--|-------------|----------|---------------|---------|-------|
| | All Buildings | All Buildings with Space Heating | Space-Heating Energy Sources Used (more than one may apply) | | | | | |
| | | | Electricity | Natural Gas | Fuel Oil | District Heat | Propane | Other |
| Energy End Uses (more than one may apply) | | | | | | | | |
| Buildings with Space Heating | 4.2 | 4.2 | 5.1 | 5.4 | 19.2 | 16.5 | 18.3 | 25.8 |
| Buildings with Cooling | 3.9 | 4.1 | 5.3 | 5.6 | 22.9 | 18.0 | 20.0 | 32.4 |
| Buildings with Water Heating | 4.4 | 4.5 | 5.0 | 5.9 | 18.7 | 17.6 | 19.1 | 35.1 |
| Buildings with Cooking | 5.8 | 6.3 | 7.0 | 9.8 | 23.3 | 33.5 | 28.4 | 39.6 |
| Buildings with Manufacturing | 16.7 | 16.9 | 21.6 | 24.1 | 43.1 | 50.8 | 33.0 | 56.0 |
| Buildings with Electricity Generation | 14.2 | 14.4 | 14.2 | 18.1 | 44.0 | 17.4 | 29.9 | 80.4 |
| Percent of Floorspace Heated | | | | | | | | |
| Not Heated | 10.5 | 103.3 | 0.0 | 103.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1 to 50 | 10.9 | 10.9 | 13.3 | 14.5 | 36.2 | 74.3 | 34.9 | 49.7 |
| 51 to 99 | 8.2 | 8.2 | 14.3 | 9.0 | 34.4 | 41.4 | 38.1 | 54.0 |
| 100 | 4.8 | 4.8 | 5.6 | 6.8 | 19.1 | 19.4 | 19.5 | 33.6 |
| Heating Equipment (more than one may apply) | | | | | | | | |
| Heat Pumps | 10.5 | 10.5 | 10.5 | 17.3 | 59.7 | 21.9 | 50.0 | 68.8 |
| Furnaces | 7.4 | 7.4 | 9.5 | 8.1 | 25.4 | 47.8 | 25.8 | 44.3 |
| Individual Space Heaters | 6.7 | 6.7 | 8.0 | 9.9 | 35.0 | 19.5 | 27.1 | 38.7 |
| District Heat | 16.5 | 16.5 | 45.3 | 50.4 | 53.2 | 16.5 | 106.8 | 100.3 |
| Boilers | 7.9 | 7.9 | 11.0 | 9.5 | 17.3 | 71.5 | 26.2 | 43.2 |
| Packaged Heating Units | 6.3 | 6.3 | 8.0 | 8.8 | 36.0 | 68.7 | 29.1 | 58.7 |
| Other | 15.1 | 15.1 | 20.1 | 19.8 | 36.7 | 32.9 | 32.1 | 35.9 |

RSEs for Table B21. Space-Heating Energy Sources, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | | | |
|--------------------------------------|---------------------------|----------------------------------|--|-------------|----------|---------------|---------|-------|
| | All Buildings | All Buildings with Space Heating | Space-Heating Energy Sources Used (more than one may apply) | | | | | |
| | | | Electricity | Natural Gas | Fuel Oil | District Heat | Propane | Other |
| All Buildings | 3.5 | 3.5 | 4.1 | 4.2 | 10.7 | 9.9 | 18.0 | 21.5 |
| Building Floorspace | | | | | | | | |
| (Square Feet) | | | | | | | | |
| 1,001 to 5,000 | 6.1 | 6.8 | 8.0 | 8.9 | 27.1 | 47.9 | 25.5 | 35.2 |
| 5,001 to 10,000 | 7.1 | 8.2 | 9.5 | 11.9 | 30.7 | 62.9 | 26.8 | 62.2 |
| 10,001 to 25,000 | 6.8 | 6.6 | 10.2 | 6.9 | 19.9 | 25.7 | 38.8 | 46.5 |
| 25,001 to 50,000 | 6.8 | 7.2 | 10.2 | 6.2 | 26.1 | 21.3 | 41.3 | 49.1 |
| 50,001 to 100,000 | 10.2 | 10.2 | 11.4 | 11.0 | 19.9 | 13.6 | 43.5 | 38.3 |
| 100,001 to 200,000 | 6.4 | 6.5 | 8.1 | 8.8 | 17.8 | 13.0 | 37.0 | 101.9 |
| 200,001 to 500,000 | 6.6 | 6.5 | 7.5 | 9.0 | 18.5 | 15.0 | 54.6 | 79.3 |
| Over 500,000 | 11.1 | 10.9 | 12.3 | 13.8 | 34.4 | 19.4 | 64.1 | 65.9 |
| Principal Building Activity | | | | | | | | |
| Education | 6.2 | 6.3 | 8.5 | 9.2 | 15.9 | 17.5 | 32.3 | 58.1 |
| Food Sales | 16.0 | 18.6 | 15.2 | 21.6 | 70.5 | 100.3 | 58.3 | 68.2 |
| Food Service | 9.7 | 10.4 | 16.9 | 13.3 | 51.5 | 70.9 | 44.2 | 52.7 |
| Health Care | 7.6 | 7.6 | 11.4 | 8.7 | 15.4 | 19.5 | 48.9 | 0.0 |
| Inpatient | 9.9 | 9.9 | 18.6 | 10.6 | 16.4 | 22.1 | 73.6 | 0.0 |
| Outpatient | 10.3 | 10.3 | 12.3 | 18.0 | 60.0 | 33.8 | 62.4 | 0.0 |
| Lodging | 11.0 | 11.2 | 12.7 | 14.3 | 29.0 | 25.9 | 38.4 | 84.6 |
| Mercantile | 8.8 | 8.8 | 9.0 | 9.9 | 34.2 | 100.0 | 40.2 | 49.2 |
| Retail (Other Than Mall) | 10.7 | 11.1 | 12.6 | 13.2 | 40.9 | 100.0 | 45.0 | 49.2 |
| Enclosed and Strip Malls | 10.3 | 9.7 | 10.4 | 11.4 | 41.3 | 0.0 | 45.5 | 0.0 |
| Office | 6.9 | 6.9 | 7.6 | 8.9 | 19.2 | 15.0 | 50.9 | 27.3 |
| Public Assembly | 10.8 | 11.0 | 13.6 | 13.6 | 37.1 | 22.9 | 35.1 | 64.6 |
| Public Order and Safety | 22.2 | 21.2 | 24.9 | 21.4 | 54.5 | 36.7 | 83.9 | 100.0 |
| Religious Worship | 12.0 | 12.1 | 11.4 | 13.0 | 44.5 | 54.2 | 38.5 | 85.4 |
| Service | 11.8 | 13.6 | 23.6 | 15.0 | 39.0 | 75.7 | 45.4 | 53.5 |
| Warehouse and Storage | 9.4 | 9.2 | 11.0 | 10.2 | 24.8 | 61.7 | 38.2 | 70.1 |
| Other | 13.6 | 15.4 | 24.6 | 25.6 | 49.4 | 42.2 | 67.4 | 95.8 |
| Vacant | 12.2 | 18.9 | 18.6 | 20.2 | 86.6 | 100.1 | 71.4 | 81.9 |
| Year Constructed | | | | | | | | |
| 1919 or Before | 7.2 | 7.3 | 15.5 | 10.6 | 19.8 | 32.4 | 52.1 | 58.4 |
| 1920 to 1945 | 9.0 | 8.4 | 14.8 | 11.2 | 21.2 | 32.0 | 54.2 | 45.2 |
| 1946 to 1959 | 7.7 | 8.0 | 11.2 | 8.4 | 22.2 | 21.8 | 36.5 | 40.1 |
| 1960 to 1969 | 6.2 | 6.5 | 9.6 | 8.1 | 19.6 | 10.9 | 27.0 | 67.2 |
| 1970 to 1979 | 5.8 | 6.5 | 7.4 | 7.9 | 28.1 | 18.8 | 33.5 | 60.5 |
| 1980 to 1989 | 6.1 | 6.1 | 6.8 | 7.8 | 24.4 | 19.0 | 30.2 | 38.9 |
| 1990 to 1999 | 6.3 | 6.2 | 6.8 | 7.5 | 24.4 | 18.9 | 34.3 | 58.2 |
| Census Region | | | | | | | | |
| Northeast | 7.7 | 7.8 | 10.5 | 7.6 | 12.3 | 16.4 | 27.4 | 45.1 |
| Midwest | 5.0 | 5.3 | 6.3 | 6.3 | 16.7 | 18.9 | 31.6 | 44.4 |
| South | 5.3 | 5.2 | 5.9 | 7.6 | 24.8 | 20.8 | 36.4 | 29.6 |
| West | 6.0 | 6.2 | 6.5 | 8.4 | 43.7 | 21.8 | 34.6 | 50.4 |
| Climate Zone: 45-Year Average | | | | | | | | |
| Under 2,000 CDD and -- | | | | | | | | |
| More than 7,000 HDD | 10.5 | 9.9 | 11.7 | 11.0 | 15.9 | 26.5 | 29.8 | 62.2 |
| 5,500-7,000 HDD | 7.1 | 7.2 | 8.5 | 7.3 | 18.6 | 19.1 | 39.3 | 50.5 |
| 4,000-5,499 HDD | 9.1 | 9.0 | 8.5 | 10.9 | 19.0 | 16.6 | 34.3 | 29.6 |
| Fewer than 4,000 HDD | 8.9 | 8.7 | 8.9 | 10.1 | 35.1 | 24.2 | 58.4 | 52.5 |
| 2,000 CDD or More and -- | | | | | | | | |
| Fewer than 4,000 HDD | 9.4 | 9.7 | 10.7 | 13.4 | 34.3 | 21.9 | 45.6 | 54.1 |

RSEs for Table B21. Space-Heating Energy Sources, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | | | |
|---|---------------------------|----------------------------------|--|-------------|----------|---------------|---------|-------|
| | All Buildings | All Buildings with Space Heating | Space-Heating Energy Sources Used (more than one may apply) | | | | | |
| | | | Electricity | Natural Gas | Fuel Oil | District Heat | Propane | Other |
| Workers (main shift) | | | | | | | | |
| Fewer than 5 | 6.3 | 6.8 | 10.1 | 8.7 | 24.8 | 23.2 | 26.4 | 34.2 |
| 5 to 9 | 7.6 | 8.0 | 9.8 | 8.7 | 24.8 | 28.7 | 39.3 | 76.4 |
| 10 to 19 | 6.7 | 6.9 | 8.7 | 9.3 | 36.5 | 28.8 | 31.9 | 55.3 |
| 20 to 49 | 6.6 | 6.5 | 8.6 | 7.9 | 17.2 | 23.1 | 29.6 | 45.1 |
| 50 to 99 | 8.9 | 8.9 | 9.3 | 8.7 | 26.7 | 18.9 | 39.5 | 51.4 |
| 100 to 249 | 7.2 | 7.3 | 8.1 | 8.6 | 16.8 | 21.0 | 31.9 | 47.6 |
| 250 or More | 6.3 | 6.2 | 8.1 | 8.6 | 18.2 | 13.9 | 67.0 | 78.6 |
| Weekly Operating Hours | | | | | | | | |
| 39 or Fewer | 9.8 | 11.2 | 12.5 | 12.8 | 33.9 | 40.1 | 32.9 | 51.9 |
| 40 to 48 | 6.1 | 6.2 | 8.0 | 6.6 | 22.6 | 23.0 | 33.7 | 46.8 |
| 49 to 60 | 6.1 | 6.2 | 7.2 | 7.5 | 18.2 | 16.7 | 28.9 | 32.0 |
| 61 to 84 | 6.1 | 6.2 | 7.2 | 7.7 | 21.9 | 19.5 | 31.3 | 46.7 |
| 85 to 167 | 7.0 | 6.8 | 8.1 | 8.9 | 25.1 | 17.6 | 40.1 | 43.9 |
| Open Continuously | 5.0 | 4.9 | 6.8 | 7.4 | 13.8 | 13.7 | 24.0 | 74.9 |
| Energy Sources (more than one may apply) | | | | | | | | |
| Electricity | 3.5 | 3.5 | 4.1 | 4.2 | 10.6 | 9.9 | 18.0 | 21.5 |
| Natural Gas | 3.9 | 3.9 | 4.6 | 4.2 | 11.3 | 13.6 | 31.8 | 31.0 |
| Fuel Oil | 6.9 | 6.9 | 9.0 | 8.1 | 10.7 | 16.9 | 33.9 | 36.9 |
| District Heat | 9.9 | 9.8 | 14.8 | 25.5 | 35.9 | 9.9 | 91.7 | 100.3 |
| District Chilled Water | 12.1 | 12.2 | 17.6 | 21.4 | 40.6 | 14.2 | 100.4 | 100.3 |
| Propane | 10.9 | 11.2 | 14.3 | 13.8 | 16.7 | 42.1 | 18.0 | 40.8 |
| Other | 14.0 | 14.2 | 15.6 | 20.0 | 28.9 | 31.1 | 54.5 | 21.5 |
| Primary Space-Heating Energy Source | | | | | | | | |
| Electricity | 5.5 | 5.5 | 5.5 | 10.4 | 30.5 | 37.7 | 24.5 | 36.5 |
| Natural Gas | 4.4 | 4.4 | 5.9 | 4.4 | 12.5 | 22.2 | 34.7 | 51.2 |
| Fuel Oil | 12.4 | 12.4 | 23.1 | 29.3 | 12.4 | 60.9 | 34.0 | 57.4 |
| District Heat | 10.3 | 10.3 | 16.5 | 37.9 | 43.5 | 10.3 | 143.7 | 100.3 |
| Propane | 19.5 | 19.5 | 29.1 | 72.2 | 76.0 | 0.0 | 19.5 | 67.5 |
| Other | 25.8 | 25.8 | 63.6 | 58.5 | 100.0 | 0.0 | 80.5 | 25.8 |
| Cooling Energy Sources (more than one may apply) | | | | | | | | |
| Electricity | 4.0 | 4.1 | 4.3 | 4.7 | 11.4 | 11.8 | 18.7 | 24.1 |
| Natural Gas | 12.2 | 12.2 | 16.3 | 12.6 | 39.9 | 51.0 | 100.3 | 0.0 |
| District Chilled Water | 12.1 | 12.2 | 17.6 | 21.4 | 40.6 | 14.2 | 100.4 | 100.3 |
| Water-Heating Energy Sources (more than one may apply) | | | | | | | | |
| Electricity | 5.5 | 5.8 | 5.6 | 7.1 | 20.4 | 21.2 | 26.6 | 29.2 |
| Natural Gas | 4.4 | 4.4 | 6.0 | 4.3 | 12.8 | 19.5 | 48.4 | 38.1 |
| Fuel Oil | 11.5 | 11.6 | 18.8 | 18.7 | 12.1 | 74.9 | 37.6 | 76.5 |
| District Heat | 10.8 | 10.8 | 18.3 | 31.6 | 43.8 | 10.9 | 91.7 | 100.3 |
| Propane | 17.3 | 17.9 | 21.1 | 74.7 | 43.7 | 0.0 | 19.7 | 70.6 |
| Cooking Energy Sources (more than one may apply) | | | | | | | | |
| Electricity | 5.2 | 5.0 | 4.9 | 6.5 | 14.1 | 18.2 | 38.0 | 35.5 |
| Natural Gas | 5.1 | 5.1 | 6.3 | 5.9 | 15.4 | 19.1 | 55.1 | 49.6 |
| Propane | 16.8 | 17.6 | 19.3 | 38.2 | 32.9 | 100.5 | 25.0 | 50.3 |

RSEs for Table B21. Space-Heating Energy Sources, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | | | |
|--|---------------------------|----------------------------------|--|-------------|----------|---------------|---------|-------|
| | All Buildings | All Buildings with Space Heating | Space-Heating Energy Sources Used (more than one may apply) | | | | | |
| | | | Electricity | Natural Gas | Fuel Oil | District Heat | Propane | Other |
| Energy End Uses (more than one may apply) | | | | | | | | |
| Buildings with Space Heating | 3.5 | 3.5 | 4.1 | 4.2 | 10.7 | 9.9 | 18.0 | 21.5 |
| Buildings with Cooling | 3.8 | 3.9 | 4.3 | 4.6 | 11.4 | 9.9 | 18.7 | 23.8 |
| Buildings with Water Heating | 3.7 | 3.7 | 4.3 | 4.2 | 9.9 | 10.1 | 18.1 | 23.8 |
| Buildings with Cooking | 4.4 | 4.4 | 5.3 | 5.5 | 12.6 | 15.5 | 25.5 | 32.5 |
| Buildings with Manufacturing | 12.7 | 12.9 | 15.6 | 17.1 | 32.8 | 58.7 | 29.2 | 53.7 |
| Buildings with Electricity Generation | 7.4 | 7.5 | 8.4 | 8.5 | 16.5 | 15.6 | 28.1 | 53.1 |
| Percent of Floorspace Heated | | | | | | | | |
| Not Heated | 11.3 | 103.3 | 0.0 | 103.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1 to 50 | 8.0 | 8.0 | 9.8 | 9.0 | 34.7 | 40.6 | 35.1 | 44.2 |
| 51 to 99 | 7.1 | 7.1 | 9.4 | 8.8 | 16.0 | 24.9 | 36.0 | 49.0 |
| 100 | 4.0 | 4.0 | 4.5 | 4.9 | 12.0 | 9.8 | 20.1 | 26.9 |
| Heating Equipment (more than one may apply) | | | | | | | | |
| Heat Pumps | 6.3 | 6.3 | 6.3 | 9.2 | 17.9 | 21.5 | 32.9 | 49.1 |
| Furnaces | 5.5 | 5.5 | 7.5 | 5.7 | 16.8 | 42.0 | 25.8 | 43.7 |
| Individual Space Heaters | 5.0 | 5.0 | 5.4 | 6.1 | 21.4 | 20.1 | 23.1 | 30.8 |
| District Heat | 9.9 | 9.9 | 15.4 | 25.9 | 38.1 | 9.9 | 91.7 | 100.3 |
| Boilers | 5.6 | 5.6 | 5.9 | 5.9 | 10.5 | 32.1 | 28.2 | 32.4 |
| Packaged Heating Units | 4.8 | 4.8 | 5.1 | 5.8 | 13.1 | 21.7 | 23.3 | 41.6 |
| Other | 7.9 | 7.9 | 9.3 | 13.5 | 31.0 | 38.6 | 38.1 | 31.7 |

RSEs for Table B22. Primary Space-Heating Energy Sources, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | |
|--|------------------------------|----------------------------------|--|-------------|----------|---------------|
| | All Buildings | All Buildings with Space Heating | Primary Space-Heating Energy Source Used | | | |
| | | | Electricity | Natural Gas | Fuel Oil | District Heat |
| All Buildings | 4.2 | 4.2 | 7.1 | 6.0 | 18.8 | 16.2 |
| Building Floorspace (Square Feet) | | | | | | |
| 1,001 to 5,000 | 6.8 | 7.1 | 10.7 | 9.7 | 26.2 | 51.4 |
| 5,001 to 10,000 | 6.7 | 7.9 | 13.1 | 12.0 | 29.3 | 62.3 |
| 10,001 to 25,000 | 7.1 | 7.0 | 16.1 | 8.5 | 23.3 | 18.9 |
| 25,001 to 50,000 | 6.9 | 7.3 | 12.6 | 7.5 | 25.1 | 23.8 |
| 50,001 to 100,000 | 10.3 | 10.3 | 10.9 | 11.5 | 23.8 | 14.2 |
| 100,001 to 200,000 | 6.3 | 6.6 | 10.2 | 8.6 | 25.0 | 13.6 |
| 200,001 to 500,000 | 6.5 | 6.2 | 9.5 | 9.3 | 28.8 | 14.6 |
| Over 500,000 | 10.7 | 10.6 | 12.6 | 15.1 | 74.0 | 20.3 |
| Principal Building Activity | | | | | | |
| Education | 12.3 | 12.4 | 22.6 | 18.0 | 17.9 | 26.0 |
| Food Sales | 17.2 | 19.2 | 34.1 | 26.4 | 65.5 | 100.3 |
| Food Service | 9.3 | 10.3 | 23.2 | 14.9 | 55.5 | 68.8 |
| Health Care | 17.6 | 17.6 | 23.2 | 25.8 | 65.0 | 26.9 |
| Inpatient | 25.6 | 25.6 | 61.0 | 13.9 | 86.0 | 35.1 |
| Outpatient | 19.1 | 19.1 | 23.2 | 28.1 | 99.5 | 40.4 |
| Lodging | 11.4 | 11.5 | 17.0 | 22.3 | 47.1 | 36.7 |
| Mercantile | 9.1 | 9.2 | 13.4 | 11.2 | 33.7 | 100.0 |
| Retail (Other Than Mall) | 10.8 | 11.0 | 17.4 | 12.6 | 35.8 | 100.0 |
| Enclosed and Strip Malls | 17.7 | 18.1 | 22.0 | 21.8 | 89.5 | 0.0 |
| Office | 8.3 | 8.6 | 14.2 | 11.5 | 29.0 | 38.5 |
| Public Assembly | 13.5 | 13.8 | 26.5 | 18.4 | 50.4 | 49.0 |
| Public Order and Safety | 28.1 | 29.3 | 69.8 | 31.0 | 58.5 | 41.9 |
| Religious Worship | 12.1 | 12.1 | 36.8 | 15.2 | 52.5 | 68.8 |
| Service | 12.8 | 14.1 | 26.0 | 16.2 | 39.5 | 49.8 |
| Warehouse and Storage | 12.4 | 13.0 | 15.8 | 19.1 | 57.8 | 63.4 |
| Other | 22.0 | 26.6 | 70.2 | 38.4 | 91.8 | 46.0 |
| Vacant | 14.5 | 24.5 | 46.2 | 27.9 | 92.0 | 100.1 |
| Year Constructed | | | | | | |
| 1919 or Before | 11.3 | 11.7 | 43.7 | 16.2 | 35.5 | 48.8 |
| 1920 to 1945 | 10.9 | 11.7 | 27.5 | 14.1 | 34.9 | 42.3 |
| 1946 to 1959 | 6.7 | 7.1 | 16.2 | 10.0 | 19.2 | 25.7 |
| 1960 to 1969 | 7.4 | 7.7 | 19.2 | 9.4 | 38.2 | 14.3 |
| 1970 to 1979 | 8.1 | 9.2 | 13.7 | 12.0 | 40.3 | 23.9 |
| 1980 to 1989 | 7.4 | 8.0 | 11.9 | 11.0 | 37.0 | 48.9 |
| 1990 to 1999 | 12.9 | 12.2 | 18.6 | 13.9 | 65.4 | 24.4 |
| Census Region | | | | | | |
| Northeast | 8.0 | 8.4 | 26.0 | 12.4 | 22.3 | 33.1 |
| Midwest | 9.7 | 9.8 | 17.4 | 12.3 | 54.5 | 36.2 |
| South | 5.6 | 6.3 | 9.9 | 9.9 | 35.8 | 19.7 |
| West | 10.8 | 10.4 | 16.1 | 11.3 | 71.6 | 26.3 |
| Climate Zone: 45-Year Average | | | | | | |
| Under 2,000 CDD and -- | | | | | | |
| More than 7,000 HDD | 19.0 | 17.8 | 48.0 | 22.9 | 31.1 | 27.6 |
| 5,500-7,000 HDD | 7.0 | 6.9 | 17.6 | 7.8 | 36.0 | 22.9 |
| 4,000-5,499 HDD | 16.8 | 16.8 | 21.7 | 20.2 | 29.9 | 31.0 |
| Fewer than 4,000 HDD | 10.9 | 11.2 | 12.5 | 14.0 | 92.8 | 25.6 |
| 2,000 CDD or More and -- | | | | | | |
| Fewer than 4,000 HDD | 11.1 | 13.0 | 16.4 | 18.1 | 69.4 | 24.4 |

RSEs for Table B22. Primary Space-Heating Energy Sources, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | |
|--|------------------------------|----------------------------------|--|-------------|----------|---------------|
| | All Buildings | All Buildings with Space Heating | Primary Space-Heating Energy Source Used | | | |
| | | | Electricity | Natural Gas | Fuel Oil | District Heat |
| Workers (main shift) | | | | | | |
| Fewer than 5 | 6.0 | 6.4 | 10.8 | 8.8 | 26.6 | 38.9 |
| 5 to 9 | 7.9 | 8.2 | 14.7 | 8.6 | 35.2 | 45.6 |
| 10 to 19 | 7.6 | 7.8 | 15.0 | 12.5 | 36.7 | 33.4 |
| 20 to 49 | 9.0 | 8.9 | 13.9 | 12.7 | 17.7 | 29.1 |
| 50 to 99 | 10.7 | 10.7 | 18.8 | 10.0 | 26.1 | 17.9 |
| 100 to 249 | 11.7 | 10.8 | 10.8 | 15.8 | 23.8 | 14.7 |
| 250 or More | 8.6 | 8.5 | 9.8 | 12.0 | 33.8 | 20.1 |
| Weekly Operating Hours | | | | | | |
| 39 or Fewer | 10.3 | 12.1 | 15.4 | 17.3 | 38.5 | 52.6 |
| 40 to 48 | 5.9 | 5.7 | 9.1 | 8.1 | 31.3 | 31.1 |
| 49 to 60 | 8.2 | 8.6 | 16.2 | 9.7 | 21.9 | 43.3 |
| 61 to 84 | 9.6 | 10.4 | 15.5 | 14.4 | 34.2 | 19.3 |
| 85 to 167 | 7.7 | 7.9 | 18.6 | 12.4 | 48.3 | 19.3 |
| Open Continuously | 10.4 | 10.5 | 17.9 | 17.3 | 45.0 | 26.0 |
| Energy Sources (more than one may apply) | | | | | | |
| Electricity | 4.1 | 4.2 | 7.1 | 6.0 | 18.8 | 16.2 |
| Natural Gas | 4.8 | 5.0 | 8.4 | 6.0 | 41.5 | 28.0 |
| Fuel Oil | 16.7 | 16.8 | 26.1 | 21.3 | 18.8 | 21.1 |
| District Heat | 15.5 | 15.7 | 40.5 | 29.7 | 74.1 | 16.2 |
| District Chilled Water | 27.2 | 27.4 | 61.1 | 25.0 | 100.0 | 26.4 |
| Propane | 15.0 | 15.0 | 26.7 | 30.7 | 19.4 | 49.5 |
| Other | 18.8 | 19.0 | 40.8 | 22.4 | 47.7 | 47.8 |
| Energy End Uses (more than one may apply) | | | | | | |
| Buildings with Space Heating | 4.2 | 4.2 | 7.1 | 6.0 | 18.8 | 16.2 |
| Buildings with Cooling | 3.9 | 4.1 | 7.2 | 6.0 | 23.7 | 16.7 |
| Buildings with Water Heating | 4.4 | 4.5 | 7.5 | 6.5 | 19.5 | 17.8 |
| Buildings with Cooking | 5.8 | 6.3 | 11.2 | 10.6 | 26.4 | 24.7 |
| Buildings with Manufacturing | 16.7 | 16.9 | 27.4 | 24.4 | 44.9 | 50.8 |
| Buildings with Electricity Generation | 14.2 | 14.4 | 17.3 | 19.4 | 49.6 | 18.4 |
| Percent of Floorspace Heated | | | | | | |
| Not Heated | 10.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1 to 50 | 10.9 | 10.9 | 16.6 | 14.2 | 43.5 | 74.9 |
| 51 to 99 | 8.2 | 8.2 | 18.2 | 9.2 | 39.0 | 43.8 |
| 100 | 4.8 | 4.8 | 8.0 | 7.4 | 18.1 | 16.3 |
| Heating Equipment (more than one may apply) | | | | | | |
| Heat Pumps | 10.5 | 10.5 | 13.2 | 17.6 | 65.7 | 23.6 |
| Furnaces | 7.4 | 7.4 | 17.0 | 8.8 | 28.2 | 65.1 |
| Individual Space Heaters | 6.7 | 6.7 | 13.9 | 10.2 | 36.7 | 21.1 |
| District Heat | 16.5 | 16.5 | 68.6 | 37.3 | 74.1 | 16.2 |
| Boilers | 7.9 | 7.9 | 24.9 | 9.9 | 18.1 | 91.1 |
| Packaged Heating Units | 6.3 | 6.3 | 10.3 | 9.4 | 59.9 | 23.8 |
| Other | 15.1 | 15.1 | 29.1 | 21.7 | 44.9 | 36.2 |

RSEs for Table B23. Primary Space-Heating Energy Sources, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | |
|--|---------------------------|----------------------------------|--|-------------|----------|---------------|
| | All Buildings | All Buildings with Space Heating | Primary Space-Heating Energy Source Used | | | |
| | | | Electricity | Natural Gas | Fuel Oil | District Heat |
| All Buildings | 3.5 | 3.5 | 5.5 | 4.4 | 12.4 | 10.3 |
| Building Floorspace (Square Feet) | | | | | | |
| 1,001 to 5,000 | 6.1 | 6.8 | 10.3 | 9.4 | 27.0 | 50.8 |
| 5,001 to 10,000 | 7.1 | 8.2 | 13.5 | 12.4 | 31.3 | 65.3 |
| 10,001 to 25,000 | 6.8 | 6.6 | 15.6 | 8.2 | 22.3 | 18.2 |
| 25,001 to 50,000 | 6.8 | 7.3 | 12.7 | 7.6 | 24.8 | 22.3 |
| 50,001 to 100,000 | 10.2 | 10.2 | 10.8 | 11.4 | 24.5 | 14.0 |
| 100,001 to 200,000 | 6.4 | 6.5 | 10.2 | 8.6 | 25.5 | 13.3 |
| 200,001 to 500,000 | 6.6 | 6.5 | 9.3 | 9.8 | 29.0 | 15.6 |
| Over 500,000 | 11.1 | 10.9 | 13.6 | 16.1 | 75.5 | 20.8 |
| Principal Building Activity | | | | | | |
| Education | 6.2 | 6.3 | 17.8 | 9.7 | 19.1 | 18.5 |
| Food Sales | 16.0 | 18.6 | 17.4 | 23.6 | 81.2 | 100.3 |
| Food Service | 9.7 | 10.4 | 27.0 | 14.4 | 51.5 | 60.6 |
| Health Care | 7.6 | 7.6 | 14.8 | 9.1 | 33.6 | 22.1 |
| Inpatient | 9.9 | 9.9 | 56.0 | 10.9 | 37.1 | 25.2 |
| Outpatient | 10.3 | 10.3 | 15.4 | 18.0 | 99.5 | 35.6 |
| Lodging | 11.0 | 11.2 | 15.0 | 19.7 | 47.6 | 26.1 |
| Mercantile | 8.8 | 8.8 | 10.9 | 9.4 | 35.5 | 100.0 |
| Retail (Other Than Mall) | 10.7 | 11.1 | 13.8 | 12.8 | 37.7 | 100.0 |
| Enclosed and Strip Malls | 10.3 | 9.7 | 13.1 | 9.4 | 61.8 | 0.0 |
| Office | 6.9 | 7.0 | 8.5 | 9.6 | 20.7 | 15.7 |
| Public Assembly | 10.8 | 11.0 | 20.4 | 14.6 | 42.4 | 23.7 |
| Public Order and Safety | 22.2 | 21.2 | 33.2 | 22.1 | 60.1 | 37.9 |
| Religious Worship | 12.0 | 12.1 | 20.9 | 13.5 | 53.5 | 62.7 |
| Service | 11.8 | 13.6 | 33.2 | 15.0 | 38.8 | 84.6 |
| Warehouse and Storage | 9.4 | 9.2 | 15.9 | 10.3 | 33.2 | 61.7 |
| Other | 13.6 | 15.4 | 40.3 | 27.2 | 75.6 | 42.2 |
| Vacant | 12.2 | 18.9 | 41.3 | 21.0 | 86.6 | 100.1 |
| Year Constructed | | | | | | |
| 1919 or Before | 7.2 | 7.3 | 30.0 | 11.1 | 21.6 | 33.0 |
| 1920 to 1945 | 9.0 | 8.4 | 20.7 | 11.7 | 28.6 | 33.7 |
| 1946 to 1959 | 7.7 | 8.0 | 16.3 | 8.6 | 21.9 | 22.8 |
| 1960 to 1969 | 6.2 | 6.5 | 15.0 | 8.5 | 24.0 | 11.2 |
| 1970 to 1979 | 5.8 | 6.5 | 9.1 | 7.4 | 36.8 | 18.2 |
| 1980 to 1989 | 6.1 | 6.1 | 8.0 | 9.4 | 31.4 | 21.2 |
| 1990 to 1999 | 6.3 | 6.2 | 8.8 | 7.9 | 34.2 | 22.6 |
| Census Region | | | | | | |
| Northeast | 7.7 | 7.8 | 17.5 | 7.8 | 13.3 | 17.0 |
| Midwest | 5.0 | 5.3 | 12.0 | 6.7 | 61.6 | 19.9 |
| South | 5.3 | 5.2 | 7.4 | 7.9 | 32.9 | 22.2 |
| West | 6.0 | 6.2 | 9.3 | 9.5 | 61.4 | 23.2 |
| Climate Zone: 45-Year Average | | | | | | |
| Under 2,000 CDD and -- | | | | | | |
| More than 7,000 HDD | 10.5 | 9.9 | 21.8 | 11.3 | 15.9 | 29.4 |
| 5,500-7,000 HDD | 7.1 | 7.2 | 12.0 | 8.3 | 18.2 | 19.9 |
| 4,000-5,499 HDD | 9.1 | 9.0 | 12.8 | 11.7 | 23.9 | 17.2 |
| Fewer than 4,000 HDD | 8.9 | 8.7 | 10.7 | 10.5 | 68.3 | 29.7 |
| 2,000 CDD or More and -- | | | | | | |
| Fewer than 4,000 HDD | 9.4 | 9.7 | 12.1 | 12.8 | 42.6 | 22.6 |

RSEs for Table B23. Primary Space-Heating Energy Sources, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | |
|--|---------------------------|----------------------------------|--|-------------|----------|---------------|
| | All Buildings | All Buildings with Space Heating | Primary Space-Heating Energy Source Used | | | |
| | | | Electricity | Natural Gas | Fuel Oil | District Heat |
| Workers (main shift) | | | | | | |
| Fewer than 5 | 6.3 | 6.8 | 10.4 | 8.8 | 27.3 | 24.5 |
| 5 to 9 | 7.6 | 8.0 | 13.6 | 8.2 | 23.1 | 29.5 |
| 10 to 19 | 6.7 | 7.0 | 11.3 | 10.6 | 35.6 | 28.9 |
| 20 to 49 | 6.6 | 6.5 | 9.9 | 8.2 | 18.5 | 22.9 |
| 50 to 99 | 8.9 | 8.9 | 11.6 | 8.7 | 32.2 | 18.1 |
| 100 to 249 | 7.2 | 7.3 | 10.9 | 10.3 | 21.3 | 21.8 |
| 250 or More | 6.3 | 6.2 | 8.3 | 9.7 | 33.3 | 15.1 |
| Weekly Operating Hours | | | | | | |
| 39 or Fewer | 9.8 | 11.2 | 11.4 | 13.3 | 36.7 | 43.2 |
| 40 to 48 | 6.1 | 6.2 | 10.8 | 7.0 | 24.3 | 26.1 |
| 49 to 60 | 6.1 | 6.2 | 8.8 | 7.6 | 16.3 | 17.5 |
| 61 to 84 | 6.1 | 6.2 | 8.2 | 8.6 | 22.4 | 19.9 |
| 85 to 167 | 7.0 | 6.8 | 14.0 | 10.4 | 32.0 | 17.8 |
| Open Continuously | 5.0 | 4.9 | 9.2 | 9.3 | 20.2 | 14.4 |
| Energy Sources (more than one may apply) | | | | | | |
| Electricity | 3.5 | 3.5 | 5.5 | 4.5 | 12.3 | 10.3 |
| Natural Gas | 3.9 | 3.9 | 7.3 | 4.4 | 17.9 | 14.8 |
| Fuel Oil | 6.9 | 6.9 | 10.3 | 8.8 | 12.4 | 18.6 |
| District Heat | 9.9 | 9.8 | 27.9 | 21.1 | 60.9 | 10.3 |
| District Chilled Water | 12.1 | 12.2 | 28.4 | 20.0 | 100.0 | 15.1 |
| Propane | 10.9 | 11.2 | 17.7 | 12.9 | 21.5 | 45.9 |
| Other | 14.0 | 14.2 | 21.0 | 18.6 | 35.6 | 35.5 |
| Energy End Uses (more than one may apply) | | | | | | |
| Buildings with Space Heating | 3.5 | 3.5 | 5.5 | 4.4 | 12.4 | 10.3 |
| Buildings with Cooling | 3.8 | 3.9 | 5.7 | 4.9 | 15.0 | 10.4 |
| Buildings with Water Heating | 3.7 | 3.7 | 5.7 | 4.6 | 12.8 | 10.5 |
| Buildings with Cooking | 4.4 | 4.4 | 7.2 | 6.2 | 19.3 | 16.9 |
| Buildings with Manufacturing | 12.7 | 12.9 | 24.5 | 17.6 | 38.6 | 58.7 |
| Buildings with Electricity Generation | 7.4 | 7.5 | 9.8 | 9.1 | 24.9 | 17.0 |
| Percent of Floorspace Heated | | | | | | |
| Not Heated | 11.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1 to 50 | 8.0 | 8.0 | 13.7 | 8.9 | 39.5 | 43.6 |
| 51 to 99 | 7.1 | 7.1 | 11.8 | 9.2 | 28.9 | 26.1 |
| 100 | 4.0 | 4.0 | 6.3 | 5.2 | 13.4 | 10.3 |
| Heating Equipment (more than one may apply) | | | | | | |
| Heat Pumps | 6.3 | 6.3 | 9.0 | 11.2 | 37.7 | 25.3 |
| Furnaces | 5.5 | 5.5 | 11.9 | 6.5 | 26.5 | 55.0 |
| Individual Space Heaters | 5.0 | 5.0 | 9.0 | 6.6 | 25.5 | 22.1 |
| District Heat | 9.9 | 9.9 | 37.7 | 22.2 | 60.9 | 10.3 |
| Boilers | 5.6 | 5.6 | 10.6 | 6.3 | 13.1 | 51.2 |
| Packaged Heating Units | 4.8 | 4.8 | 6.9 | 6.6 | 26.1 | 24.6 |
| Other | 7.9 | 7.9 | 9.7 | 13.4 | 41.0 | 42.0 |

RSEs for Table B24. Cooling Energy Sources, Number of Buildings and Floorspace, 1999

| | RSEs for Number of Buildings | | | | | RSEs for Total Floorspace | | | | |
|--|------------------------------|----------------------------|--|-------------|------------------------|---------------------------|----------------------------|--|-------------|------------------------|
| | All Buildings | All Buildings with Cooling | Cooling Energy Sources (more than one may apply) | | | All Buildings | All Buildings with Cooling | Cooling Energy Sources (more than one may apply) | | |
| | | | Electricity | Natural Gas | District Chilled Water | | | Electricity | Natural Gas | District Chilled Water |
| All Buildings | 4.2 | 3.9 | 4.0 | 18.3 | 27.2 | 3.5 | 3.8 | 4.0 | 12.2 | 12.1 |
| Building Floorspace (Square Feet) | | | | | | | | | | |
| 1,001 to 5,000 | 6.8 | 6.3 | 6.3 | 32.1 | 75.7 | 6.1 | 6.2 | 6.2 | 26.6 | 75.6 |
| 5,001 to 10,000 | 6.7 | 8.6 | 8.6 | 36.0 | 82.1 | 7.1 | 8.9 | 8.9 | 38.7 | 84.9 |
| 10,001 to 25,000 | 7.1 | 7.3 | 7.4 | 36.0 | 21.3 | 6.8 | 6.9 | 7.0 | 30.2 | 21.4 |
| 25,001 to 50,000 | 6.9 | 8.0 | 7.9 | 25.7 | 28.4 | 6.8 | 8.0 | 7.9 | 25.4 | 29.9 |
| 50,001 to 100,000 | 10.3 | 10.4 | 10.8 | 25.2 | 14.5 | 10.2 | 10.2 | 10.7 | 25.4 | 14.5 |
| 100,001 to 200,000 | 6.3 | 6.7 | 6.6 | 24.9 | 15.2 | 6.4 | 6.6 | 6.8 | 28.7 | 15.8 |
| 200,001 to 500,000 | 6.5 | 6.4 | 6.2 | 28.8 | 21.9 | 6.6 | 6.8 | 6.7 | 27.2 | 19.9 |
| Over 500,000 | 10.7 | 11.6 | 12.4 | 41.1 | 28.3 | 11.1 | 11.9 | 13.0 | 43.2 | 26.3 |
| Principal Building Activity | | | | | | | | | | |
| Education | 12.3 | 10.9 | 11.3 | 32.7 | 51.7 | 6.2 | 6.3 | 6.7 | 32.6 | 15.4 |
| Food Sales | 17.2 | 18.3 | 18.7 | 72.1 | 0.0 | 16.0 | 16.3 | 16.7 | 58.6 | 0.0 |
| Food Service | 9.3 | 9.8 | 9.7 | 54.8 | 100.0 | 9.7 | 10.2 | 10.5 | 49.6 | 100.0 |
| Health Care | 17.6 | 17.6 | 17.9 | 37.9 | 18.4 | 7.6 | 7.2 | 8.0 | 29.8 | 15.6 |
| Inpatient | 25.6 | 25.9 | 29.3 | 26.5 | 25.4 | 9.9 | 9.4 | 10.3 | 32.1 | 19.0 |
| Outpatient | 19.1 | 19.1 | 19.2 | 71.1 | 33.3 | 10.3 | 10.3 | 10.4 | 73.5 | 33.9 |
| Lodging | 11.4 | 13.6 | 13.9 | 67.0 | 57.1 | 11.0 | 11.8 | 12.1 | 54.2 | 34.7 |
| Mercantile | 9.1 | 9.7 | 9.7 | 42.9 | 97.3 | 8.8 | 8.9 | 9.2 | 24.5 | 72.2 |
| Retail (Other Than Mall) | 10.8 | 11.7 | 11.8 | 52.0 | 100.0 | 10.7 | 11.2 | 11.6 | 36.5 | 100.0 |
| Enclosed and Strip Malls | 17.7 | 17.9 | 18.1 | 68.8 | 100.1 | 10.3 | 10.4 | 10.7 | 36.3 | 100.2 |
| Office | 8.3 | 8.4 | 8.6 | 26.9 | 20.6 | 6.9 | 7.0 | 7.0 | 27.7 | 20.8 |
| Public Assembly | 13.5 | 14.8 | 15.4 | 63.5 | 65.9 | 10.8 | 10.5 | 11.3 | 55.0 | 27.0 |
| Public Order and Safety | 28.1 | 22.7 | 23.1 | 55.5 | 48.6 | 22.2 | 18.6 | 18.9 | 52.9 | 48.9 |
| Religious Worship | 12.1 | 15.3 | 15.3 | 55.9 | 70.4 | 12.0 | 14.6 | 14.6 | 50.1 | 75.0 |
| Service | 12.8 | 15.4 | 15.5 | 57.7 | 100.0 | 11.8 | 14.7 | 14.8 | 51.8 | 100.0 |
| Warehouse and Storage | 12.4 | 14.3 | 14.4 | 37.3 | 102.9 | 9.4 | 10.9 | 11.1 | 31.0 | 102.9 |
| Other | 22.0 | 28.6 | 34.1 | 98.0 | 57.4 | 13.6 | 15.5 | 17.6 | 86.7 | 54.1 |
| Vacant | 14.5 | 28.8 | 28.8 | 0.0 | 0.0 | 12.2 | 23.2 | 23.2 | 0.0 | 0.0 |
| Year Constructed | | | | | | | | | | |
| 1919 or Before | 11.3 | 11.4 | 12.1 | 73.1 | 78.1 | 7.2 | 7.8 | 8.1 | 55.5 | 43.7 |
| 1920 to 1945 | 10.9 | 12.7 | 12.8 | 69.2 | 38.6 | 9.0 | 9.2 | 9.9 | 73.5 | 23.0 |
| 1946 to 1959 | 6.7 | 7.2 | 7.1 | 43.8 | 29.6 | 7.7 | 8.3 | 8.0 | 34.4 | 34.4 |
| 1960 to 1969 | 7.4 | 7.8 | 8.1 | 37.0 | 14.6 | 6.2 | 7.3 | 7.7 | 25.4 | 17.1 |
| 1970 to 1979 | 8.1 | 8.7 | 9.0 | 29.3 | 69.2 | 5.8 | 6.0 | 6.2 | 23.7 | 17.7 |
| 1980 to 1989 | 7.4 | 7.7 | 7.7 | 17.4 | 50.8 | 6.1 | 6.4 | 6.6 | 21.7 | 24.6 |
| 1990 to 1999 | 12.9 | 12.1 | 12.6 | 52.3 | 34.2 | 6.3 | 6.6 | 6.9 | 30.2 | 20.5 |
| Census Region | | | | | | | | | | |
| Northeast | 8.0 | 10.0 | 9.9 | 47.1 | 30.4 | 7.7 | 8.5 | 9.2 | 26.5 | 25.2 |
| Midwest | 9.7 | 9.5 | 9.9 | 26.2 | 49.8 | 5.0 | 6.0 | 6.3 | 12.6 | 26.1 |
| South | 5.6 | 5.4 | 5.4 | 51.6 | 52.5 | 5.3 | 5.5 | 5.6 | 31.3 | 20.1 |
| West | 10.8 | 8.7 | 9.8 | 36.0 | 33.1 | 6.0 | 6.5 | 7.3 | 25.3 | 18.2 |
| Climate Zone: 45-Year Average | | | | | | | | | | |
| Under 2,000 CDD and -- | | | | | | | | | | |
| More than 7,000 HDD | 19.0 | 14.0 | 15.3 | 53.4 | 49.3 | 10.5 | 8.2 | 8.5 | 24.0 | 49.2 |
| 5,500-7,000 HDD | 7.0 | 8.7 | 8.9 | 25.6 | 32.8 | 7.1 | 8.6 | 9.7 | 18.2 | 25.1 |
| 4,000-5,499 HDD | 16.8 | 15.0 | 15.4 | 45.0 | 52.6 | 9.1 | 8.6 | 8.9 | 29.1 | 21.5 |
| Fewer than 4,000 HDD | 10.9 | 9.9 | 10.3 | 44.7 | 18.7 | 8.9 | 9.1 | 9.2 | 36.2 | 26.1 |
| 2,000 CDD or More and -- | | | | | | | | | | |
| Fewer than 4,000 HDD | 11.1 | 10.7 | 10.8 | 76.3 | 49.8 | 9.4 | 9.2 | 9.5 | 38.9 | 19.4 |

RSEs for Table B24. Cooling Energy Sources, Number of Buildings and Floorspace, 1999

| | RSEs for Number of Buildings | | | | | RSEs for Total Floorspace | | | | |
|---|------------------------------|----------------------------|--|-------------|------------------------|---------------------------|----------------------------|--|-------------|------------------------|
| | All Buildings | All Buildings with Cooling | Cooling Energy Sources (more than one may apply) | | | All Buildings | All Buildings with Cooling | Cooling Energy Sources (more than one may apply) | | |
| | | | Electricity | Natural Gas | District Chilled Water | | | Electricity | Natural Gas | District Chilled Water |
| Workers (main shift) | | | | | | | | | | |
| Fewer than 5 | 6.0 | 6.6 | 6.8 | 32.9 | 68.2 | 6.3 | 7.6 | 7.6 | 34.5 | 38.5 |
| 5 to 9 | 7.9 | 8.5 | 8.9 | 25.9 | 49.6 | 7.6 | 8.7 | 8.9 | 25.6 | 49.9 |
| 10 to 19 | 7.6 | 7.9 | 8.2 | 57.6 | 32.6 | 6.7 | 7.5 | 8.0 | 46.9 | 34.7 |
| 20 to 49 | 9.0 | 9.6 | 9.7 | 53.9 | 32.3 | 6.6 | 7.4 | 7.4 | 20.8 | 29.6 |
| 50 to 99 | 10.7 | 10.8 | 11.0 | 59.0 | 43.6 | 8.9 | 8.8 | 9.0 | 27.9 | 20.5 |
| 100 to 249 | 11.7 | 11.9 | 12.3 | 31.2 | 24.3 | 7.2 | 7.2 | 7.5 | 29.0 | 22.6 |
| 250 or More | 8.6 | 8.6 | 8.6 | 31.1 | 23.2 | 6.3 | 6.4 | 6.4 | 26.9 | 17.5 |
| Weekly Operating Hours | | | | | | | | | | |
| 39 or Fewer | 10.3 | 13.6 | 13.6 | 52.6 | 75.6 | 9.8 | 12.9 | 13.0 | 48.7 | 58.0 |
| 40 to 48 | 5.9 | 5.5 | 5.6 | 42.0 | 73.6 | 6.1 | 6.3 | 6.4 | 31.5 | 28.9 |
| 49 to 60 | 8.2 | 8.8 | 9.2 | 41.3 | 48.0 | 6.1 | 6.4 | 6.7 | 33.5 | 21.1 |
| 61 to 84 | 9.6 | 9.8 | 9.9 | 43.7 | 21.0 | 6.1 | 6.4 | 6.6 | 28.2 | 17.9 |
| 85 to 167 | 7.7 | 8.0 | 7.9 | 42.3 | 21.5 | 7.0 | 7.1 | 7.6 | 23.6 | 21.0 |
| Open Continuously | 10.4 | 10.3 | 10.4 | 78.2 | 38.9 | 5.0 | 5.4 | 5.6 | 20.8 | 17.1 |
| Energy Sources (more than one may apply) | | | | | | | | | | |
| Electricity | 4.1 | 3.9 | 4.0 | 18.3 | 27.2 | 3.5 | 3.8 | 4.0 | 12.2 | 12.1 |
| Natural Gas | 4.8 | 4.9 | 5.1 | 18.3 | 33.0 | 3.9 | 4.3 | 4.4 | 12.2 | 14.6 |
| Fuel Oil | 16.7 | 18.9 | 19.0 | 24.9 | 22.6 | 6.9 | 7.4 | 7.5 | 22.0 | 17.4 |
| District Heat | 15.5 | 16.6 | 19.1 | 65.9 | 31.5 | 9.9 | 9.9 | 11.5 | 51.0 | 14.4 |
| District Chilled Water | 27.2 | 27.2 | 48.0 | 92.2 | 27.2 | 12.1 | 12.1 | 15.3 | 70.7 | 12.1 |
| Propane | 15.0 | 15.5 | 15.6 | 53.8 | 52.2 | 10.9 | 11.7 | 11.8 | 48.9 | 38.9 |
| Other | 18.8 | 22.2 | 22.5 | 85.4 | 49.9 | 14.0 | 14.5 | 15.5 | 54.5 | 43.2 |
| Primary Space-Heating Energy Source | | | | | | | | | | |
| Electricity | 7.1 | 7.2 | 7.2 | 54.0 | 61.1 | 5.5 | 5.7 | 5.7 | 34.2 | 28.4 |
| Natural Gas | 6.0 | 6.0 | 6.3 | 19.6 | 25.0 | 4.4 | 4.9 | 5.2 | 13.4 | 20.0 |
| Fuel Oil | 18.8 | 23.7 | 23.7 | 100.0 | 100.0 | 12.5 | 15.0 | 15.0 | 100.0 | 100.0 |
| District Heat | 16.2 | 16.7 | 15.7 | 65.9 | 26.4 | 10.3 | 10.4 | 12.7 | 51.0 | 15.1 |
| Propane | 19.1 | 20.8 | 20.9 | 0.0 | 0.0 | 19.5 | 19.9 | 19.9 | 0.0 | 0.0 |
| Other | 32.6 | 50.6 | 53.0 | 0.0 | 0.0 | 25.8 | 32.0 | 33.2 | 0.0 | 0.0 |
| Water-Heating Energy Sources (more than one may apply) | | | | | | | | | | |
| Electricity | 6.0 | 6.0 | 5.9 | 33.2 | 54.8 | 5.5 | 5.6 | 5.6 | 21.7 | 24.1 |
| Natural Gas | 6.1 | 6.3 | 6.4 | 27.6 | 47.4 | 4.4 | 4.8 | 4.9 | 16.2 | 18.9 |
| Fuel Oil | 20.3 | 35.1 | 35.2 | 63.3 | 84.9 | 11.5 | 15.0 | 15.0 | 55.7 | 85.3 |
| District Heat | 17.3 | 18.8 | 23.4 | 86.5 | 25.5 | 10.8 | 10.6 | 13.2 | 59.0 | 15.9 |
| Propane | 18.9 | 18.5 | 18.6 | 0.0 | 100.1 | 17.3 | 17.8 | 18.1 | 0.0 | 100.1 |
| Cooking Energy Sources (more than one may apply) | | | | | | | | | | |
| Electricity | 8.1 | 8.3 | 8.4 | 39.7 | 26.3 | 5.2 | 5.1 | 5.2 | 22.2 | 21.1 |
| Natural Gas | 8.2 | 8.4 | 8.5 | 43.6 | 30.9 | 5.1 | 5.3 | 5.4 | 17.9 | 23.1 |
| Propane | 22.3 | 23.1 | 23.2 | 0.0 | 100.5 | 16.8 | 17.8 | 17.8 | 0.0 | 100.5 |
| Energy End Uses (more than one may apply) | | | | | | | | | | |
| Buildings with Space Heating | 4.2 | 4.1 | 4.3 | 18.6 | 27.4 | 3.5 | 3.9 | 4.1 | 12.2 | 12.2 |
| Buildings with Cooling | 3.9 | 3.9 | 4.0 | 18.3 | 27.2 | 3.8 | 3.8 | 4.0 | 12.2 | 12.1 |
| Buildings with Water Heating | 4.4 | 4.4 | 4.5 | 22.5 | 21.9 | 3.7 | 3.9 | 4.1 | 13.7 | 12.5 |
| Buildings with Cooking | 5.8 | 6.1 | 6.2 | 34.9 | 21.3 | 4.4 | 4.3 | 4.6 | 16.2 | 20.0 |
| Buildings with Manufacturing | 16.7 | 17.5 | 18.0 | 54.9 | 100.2 | 12.7 | 13.0 | 13.5 | 50.8 | 100.2 |
| Buildings with Electricity Generation | 14.2 | 13.1 | 12.9 | 77.1 | 18.3 | 7.4 | 7.5 | 7.7 | 23.8 | 16.3 |

RSEs for Table B24. Cooling Energy Sources, Number of Buildings and Floorspace, 1999

| | RSEs for Number of Buildings | | | | | RSEs for Total Floorspace | | | | |
|--|------------------------------|----------------------------|--|-------------|------------------------|---------------------------|----------------------------|--|-------------|------------------------|
| | All Buildings | All Buildings with Cooling | Cooling Energy Sources (more than one may apply) | | | All Buildings | All Buildings with Cooling | Cooling Energy Sources (more than one may apply) | | |
| | | | Electricity | Natural Gas | District Chilled Water | | | Electricity | Natural Gas | District Chilled Water |
| Percent of Floorspace Cooled | | | | | | | | | | |
| Not Cooled | 10.4 | 0.0 | 0.0 | 0.0 | 0.0 | 8.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1 to 50 | 9.1 | 9.1 | 9.2 | 33.4 | 37.2 | 6.9 | 6.9 | 7.1 | 22.8 | 31.6 |
| 51 to 99 | 6.9 | 6.9 | 7.3 | 42.6 | 27.7 | 4.5 | 4.5 | 4.9 | 16.8 | 18.3 |
| 100 | 4.5 | 4.5 | 4.7 | 25.5 | 32.8 | 5.2 | 5.2 | 5.4 | 22.2 | 14.1 |
| Cooling Equipment (more than one may apply) | | | | | | | | | | |
| Residential-Type Central | | | | | | | | | | |
| Air Conditioners | 10.3 | 10.3 | 10.3 | 55.4 | 59.5 | 6.8 | 6.8 | 6.8 | 29.0 | 31.4 |
| Heat Pumps | 10.4 | 10.4 | 10.4 | 49.8 | 41.1 | 6.5 | 6.5 | 6.5 | 27.5 | 33.6 |
| Individual Air Conditioners | 8.0 | 8.0 | 8.0 | 47.5 | 59.4 | 5.9 | 5.9 | 5.9 | 23.3 | 24.4 |
| District Chilled Water | 27.2 | 27.2 | 48.0 | 92.2 | 27.2 | 12.1 | 12.1 | 15.3 | 70.7 | 12.1 |
| Central Chillers | 14.5 | 14.5 | 14.8 | 24.2 | 34.3 | 6.0 | 6.0 | 6.1 | 20.3 | 29.5 |
| Packaged Air Conditioning | | | | | | | | | | |
| Units | 4.7 | 4.7 | 4.7 | 23.3 | 60.6 | 4.0 | 4.0 | 4.1 | 14.8 | 18.1 |
| Swamp Coolers | 17.0 | 17.0 | 16.9 | 57.0 | 84.2 | 17.5 | 17.5 | 17.5 | 44.0 | 77.2 |
| Other | 29.6 | 29.6 | 30.4 | 74.6 | 49.9 | 16.3 | 16.3 | 16.8 | 69.7 | 47.1 |

RSEs for Table B25. Water-Heating Energy Sources, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | | |
|------------------------------------|------------------------------|--|--|-------------|----------|---------------|---------|
| | All Buildings | All Buildings with Water Heating | Water-Heating Energy Sources Used (more than one may apply) | | | | |
| | | | Electricity | Natural Gas | Fuel Oil | District Heat | Propane |
| All Buildings | 4.2 | 4.4 | 6.0 | 6.1 | 20.3 | 17.3 | 18.9 |
| Building Floorspace | | | | | | | |
| (Square Feet) | | | | | | | |
| 1,001 to 5,000 | 6.8 | 6.9 | 9.8 | 9.2 | 35.4 | 66.8 | 32.7 |
| 5,001 to 10,000 | 6.7 | 8.5 | 10.8 | 13.2 | 44.0 | 53.0 | 47.6 |
| 10,001 to 25,000 | 7.1 | 7.0 | 12.1 | 10.3 | 42.6 | 29.5 | 40.1 |
| 25,001 to 50,000 | 6.9 | 7.1 | 10.2 | 8.0 | 32.9 | 28.1 | 30.0 |
| 50,001 to 100,000 | 10.3 | 10.6 | 12.7 | 11.2 | 29.7 | 15.9 | 60.7 |
| 100,001 to 200,000 | 6.3 | 6.8 | 10.5 | 9.6 | 32.3 | 14.1 | 53.3 |
| 200,001 to 500,000 | 6.5 | 6.3 | 9.6 | 8.9 | 26.7 | 15.9 | 57.2 |
| Over 500,000 | 10.7 | 11.3 | 19.5 | 14.9 | 17.3 | 23.2 | 0.0 |
| Principal Building Activity | | | | | | | |
| Education | 12.3 | 10.7 | 16.1 | 14.8 | 19.4 | 33.0 | 25.1 |
| Food Sales | 17.2 | 17.1 | 29.4 | 25.0 | 67.7 | 100.3 | 85.7 |
| Food Service | 9.3 | 9.3 | 24.4 | 11.3 | 54.8 | 93.3 | 34.4 |
| Health Care | 17.6 | 17.7 | 26.0 | 20.8 | 80.7 | 28.1 | 100.1 |
| Inpatient | 25.6 | 25.7 | 27.9 | 33.9 | 34.2 | 33.4 | 0.0 |
| Outpatient | 19.1 | 19.2 | 26.4 | 23.6 | 99.5 | 46.3 | 100.1 |
| Lodging | 11.4 | 12.2 | 23.1 | 16.3 | 51.6 | 34.2 | 56.1 |
| Mercantile | 9.1 | 10.4 | 12.3 | 16.7 | 64.1 | 0.0 | 81.5 |
| Retail (Other Than Mall) | 10.8 | 12.1 | 14.9 | 19.8 | 44.8 | 0.0 | 86.7 |
| Enclosed and Strip Malls | 17.7 | 18.2 | 20.4 | 21.6 | 74.5 | 0.0 | 64.7 |
| Office | 8.3 | 8.9 | 10.8 | 14.8 | 40.9 | 29.4 | 73.3 |
| Public Assembly | 13.5 | 15.0 | 21.0 | 19.7 | 62.1 | 31.0 | 63.1 |
| Public Order and Safety | 28.1 | 35.2 | 31.9 | 31.3 | 62.7 | 45.3 | 100.0 |
| Religious Worship | 12.1 | 13.5 | 23.0 | 17.3 | 81.1 | 100.2 | 49.9 |
| Service | 12.8 | 16.3 | 23.1 | 22.9 | 57.1 | 58.3 | 67.2 |
| Warehouse and Storage | 12.4 | 16.6 | 17.5 | 23.1 | 41.8 | 99.7 | 0.0 |
| Other | 22.0 | 30.9 | 43.1 | 44.9 | 99.4 | 55.8 | 0.0 |
| Vacant | 14.5 | 30.6 | 25.0 | 47.3 | 101.7 | 0.0 | 100.0 |
| Year Constructed | | | | | | | |
| 1919 or Before | 11.3 | 12.5 | 18.0 | 14.9 | 43.5 | 49.1 | 67.9 |
| 1920 to 1945 | 10.9 | 12.3 | 20.2 | 16.9 | 49.4 | 48.4 | 60.1 |
| 1946 to 1959 | 6.7 | 7.7 | 12.8 | 11.4 | 28.0 | 31.1 | 56.4 |
| 1960 to 1969 | 7.4 | 8.3 | 11.7 | 12.0 | 49.6 | 18.3 | 50.8 |
| 1970 to 1979 | 8.1 | 9.8 | 13.2 | 13.1 | 66.9 | 49.6 | 41.8 |
| 1980 to 1989 | 7.4 | 7.9 | 10.6 | 11.2 | 54.1 | 48.4 | 38.3 |
| 1990 to 1999 | 12.9 | 13.0 | 22.4 | 14.6 | 38.8 | 55.9 | 70.4 |
| Census Region | | | | | | | |
| Northeast | 8.0 | 7.5 | 11.5 | 12.1 | 20.6 | 31.2 | 23.5 |
| Midwest | 9.7 | 11.1 | 12.5 | 14.7 | 46.2 | 38.5 | 39.0 |
| South | 5.6 | 6.2 | 8.3 | 10.9 | 69.9 | 34.8 | 45.7 |
| West | 10.8 | 9.1 | 16.9 | 12.6 | 72.2 | 32.1 | 56.4 |
| Workers (main shift) | | | | | | | |
| Fewer than 5 | 6.0 | 8.2 | 10.8 | 10.6 | 42.6 | 43.7 | 34.4 |
| 5 to 9 | 7.9 | 8.2 | 11.7 | 11.9 | 45.4 | 43.4 | 41.4 |
| 10 to 19 | 7.6 | 8.5 | 12.7 | 13.1 | 45.6 | 38.4 | 49.4 |
| 20 to 49 | 9.0 | 8.9 | 12.7 | 11.9 | 39.3 | 33.2 | 51.3 |
| 50 to 99 | 10.7 | 10.6 | 14.7 | 13.4 | 36.8 | 47.5 | 33.7 |
| 100 to 249 | 11.7 | 11.9 | 11.2 | 17.3 | 28.1 | 20.4 | 50.7 |
| 250 or More | 8.6 | 8.6 | 9.3 | 13.8 | 27.8 | 15.1 | 68.6 |

RSEs for Table B25. Water-Heating Energy Sources, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | | |
|---|------------------------------|----------------------------------|--|-------------|----------|---------------|---------|
| | All Buildings | All Buildings with Water Heating | Water-Heating Energy Sources Used (more than one may apply) | | | | |
| | | | Electricity | Natural Gas | Fuel Oil | District Heat | Propane |
| Weekly Operating Hours | | | | | | | |
| 39 or Fewer | 10.3 | 14.5 | 19.0 | 19.3 | 52.0 | 82.7 | 45.9 |
| 40 to 48 | 5.9 | 7.3 | 8.6 | 11.2 | 41.6 | 44.1 | 63.1 |
| 49 to 60 | 8.2 | 8.5 | 13.0 | 10.1 | 38.5 | 17.4 | 37.9 |
| 61 to 84 | 9.6 | 10.9 | 14.0 | 16.0 | 48.2 | 23.2 | 68.5 |
| 85 to 167 | 7.7 | 7.8 | 17.6 | 13.6 | 43.7 | 42.7 | 26.5 |
| Open Continuously | 10.4 | 9.9 | 19.0 | 12.6 | 48.0 | 27.1 | 46.2 |
| Energy Sources (more than one may apply) | | | | | | | |
| Electricity | 4.1 | 4.4 | 6.0 | 6.1 | 20.3 | 17.3 | 18.9 |
| Natural Gas | 4.8 | 5.0 | 6.8 | 6.1 | 27.6 | 33.6 | 81.4 |
| Fuel Oil | 16.7 | 16.0 | 19.6 | 22.3 | 20.3 | 20.3 | 41.8 |
| District Heat | 15.5 | 16.4 | 32.3 | 41.2 | 59.6 | 17.3 | 100.1 |
| District Chilled Water | 27.2 | 21.9 | 54.8 | 47.4 | 84.9 | 25.5 | 100.1 |
| Propane | 15.0 | 15.0 | 22.2 | 35.8 | 23.9 | 83.5 | 18.9 |
| Other | 18.8 | 25.2 | 33.8 | 30.6 | 59.5 | 41.7 | 54.4 |
| Primary Space Heating | | | | | | | |
| Energy Source | | | | | | | |
| Electricity | 7.1 | 7.5 | 8.5 | 12.6 | 68.3 | 52.3 | 48.6 |
| Natural Gas | 6.0 | 6.5 | 8.4 | 7.6 | 53.2 | 53.8 | 0.0 |
| Fuel Oil | 18.8 | 19.5 | 26.3 | 50.4 | 22.1 | 95.4 | 43.3 |
| District Heat | 16.2 | 17.8 | 48.2 | 45.5 | 100.1 | 16.1 | 0.0 |
| Propane | 19.1 | 20.1 | 29.2 | 0.0 | 82.5 | 0.0 | 31.5 |
| Other | 32.6 | 45.0 | 59.8 | 51.9 | 100.0 | 0.0 | 97.4 |
| Cooking Energy Sources (more than one may apply) | | | | | | | |
| Electricity | 8.1 | 9.5 | 16.5 | 13.6 | 40.6 | 46.3 | 23.1 |
| Natural Gas | 8.2 | 8.2 | 18.9 | 9.4 | 39.0 | 28.0 | 72.6 |
| Propane | 22.3 | 22.5 | 31.4 | 57.9 | 43.2 | 98.7 | 29.2 |
| Energy End Uses (more than one may apply) | | | | | | | |
| Buildings with Space Heating | 4.2 | 4.5 | 6.3 | 6.2 | 20.4 | 17.6 | 18.8 |
| Buildings with Cooling | 3.9 | 4.4 | 6.0 | 6.3 | 35.1 | 18.8 | 18.5 |
| Buildings with Water Heating | 4.4 | 4.4 | 6.0 | 6.1 | 20.3 | 17.3 | 18.9 |
| Buildings with Cooking | 5.8 | 6.3 | 13.5 | 9.1 | 31.1 | 36.0 | 18.3 |
| Buildings with Manufacturing | 16.7 | 22.2 | 29.6 | 29.6 | 49.8 | 50.8 | 102.6 |
| Buildings with Electricity Generation | 14.2 | 12.9 | 20.2 | 16.6 | 55.0 | 48.4 | 35.3 |
| Water Heating Equipment | | | | | | | |
| Centralized System | 5.0 | 5.0 | 8.3 | 7.1 | 22.4 | 20.1 | 22.5 |
| Distributed System | 9.5 | 9.5 | 12.2 | 18.0 | 59.5 | 27.1 | 64.7 |
| Combination of Centralized and Distributed System | 11.0 | 11.0 | 17.4 | 12.2 | 55.9 | 24.2 | 50.1 |

RSEs for Table B26. Water-Heating Energy Sources, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | | |
|------------------------------------|---------------------------|----------------------------------|--|-------------|----------|---------------|---------|
| | All Buildings | All Buildings with Water Heating | Water-Heating Energy Sources Used (more than one may apply) | | | | |
| | | | Electricity | Natural Gas | Fuel Oil | District Heat | Propane |
| All Buildings | 3.5 | 3.7 | 5.5 | 4.4 | 11.5 | 10.8 | 17.3 |
| Building Floorspace | | | | | | | |
| (Square Feet) | | | | | | | |
| 1,001 to 5,000 | 6.1 | 6.8 | 10.2 | 8.8 | 38.2 | 69.8 | 35.6 |
| 5,001 to 10,000 | 7.1 | 8.7 | 11.1 | 13.4 | 47.1 | 55.3 | 45.6 |
| 10,001 to 25,000 | 6.8 | 6.9 | 11.5 | 9.8 | 40.0 | 29.1 | 41.2 |
| 25,001 to 50,000 | 6.8 | 7.1 | 10.0 | 8.2 | 32.4 | 26.3 | 30.6 |
| 50,001 to 100,000 | 10.2 | 10.5 | 13.1 | 110.0 | 29.6 | 16.1 | 60.0 |
| 100,001 to 200,000 | 6.4 | 6.7 | 10.4 | 9.6 | 34.9 | 13.9 | 52.3 |
| 200,001 to 500,000 | 6.6 | 6.5 | 10.2 | 9.0 | 29.6 | 16.4 | 62.0 |
| Over 500,000 | 11.1 | 11.8 | 18.7 | 16.2 | 24.5 | 23.2 | 0.0 |
| Principal Building Activity | | | | | | | |
| Education | 6.2 | 6.7 | 13.0 | 9.8 | 20.7 | 20.8 | 28.0 |
| Food Sales | 16.0 | 16.3 | 18.8 | 19.1 | 84.5 | 100.3 | 88.9 |
| Food Service | 9.7 | 9.7 | 23.9 | 12.9 | 52.0 | 70.7 | 37.0 |
| Health Care | 7.6 | 7.7 | 12.9 | 9.5 | 23.4 | 19.8 | 100.1 |
| Inpatient | 9.9 | 9.9 | 34.9 | 10.7 | 25.4 | 22.1 | 0.0 |
| Outpatient | 10.3 | 10.5 | 15.6 | 18.1 | 99.5 | 37.3 | 100.1 |
| Lodging | 11.0 | 11.1 | 20.0 | 13.1 | 48.9 | 21.4 | 36.0 |
| Mercantile | 8.8 | 8.6 | 10.3 | 11.6 | 46.2 | 0.0 | 53.6 |
| Retail (Other Than Mall) | 10.7 | 11.6 | 13.5 | 16.6 | 46.9 | 0.0 | 72.1 |
| Enclosed and Strip Malls | 10.3 | 10.1 | 13.0 | 12.7 | 61.1 | 0.0 | 60.3 |
| Office | 6.9 | 6.9 | 7.4 | 9.9 | 24.2 | 15.6 | 69.0 |
| Public Assembly | 10.8 | 10.8 | 15.3 | 15.6 | 60.5 | 23.6 | 63.7 |
| Public Order and Safety | 22.2 | 23.3 | 27.7 | 24.8 | 69.2 | 40.2 | 100.0 |
| Religious Worship | 12.0 | 13.0 | 22.9 | 15.4 | 83.9 | 100.2 | 57.9 |
| Service | 11.8 | 13.6 | 22.1 | 18.1 | 58.1 | 88.2 | 71.1 |
| Warehouse and Storage | 9.4 | 10.5 | 12.8 | 13.7 | 26.9 | 99.7 | 0.0 |
| Other | 13.6 | 18.3 | 30.5 | 26.3 | 78.9 | 50.3 | 0.0 |
| Vacant | 12.2 | 24.1 | 20.2 | 33.4 | 101.7 | 0.0 | 100.0 |
| Year Constructed | | | | | | | |
| 1919 or Before | 7.2 | 8.7 | 13.8 | 13.2 | 28.5 | 35.7 | 66.7 |
| 1920 to 1945 | 9.0 | 9.0 | 16.6 | 12.0 | 30.4 | 37.0 | 90.2 |
| 1946 to 1959 | 7.7 | 8.2 | 14.1 | 9.4 | 26.5 | 23.7 | 48.5 |
| 1960 to 1969 | 6.2 | 6.6 | 9.4 | 10.1 | 23.9 | 13.7 | 44.4 |
| 1970 to 1979 | 5.8 | 6.6 | 10.3 | 9.0 | 38.5 | 19.8 | 51.7 |
| 1980 to 1989 | 6.1 | 6.4 | 8.3 | 9.2 | 29.5 | 21.6 | 29.5 |
| 1990 to 1999 | 6.3 | 6.0 | 10.7 | 7.0 | 39.7 | 22.9 | 34.7 |
| Census Region | | | | | | | |
| Northeast | 7.7 | 7.5 | 15.2 | 9.1 | 12.0 | 17.9 | 27.9 |
| Midwest | 5.0 | 5.0 | 10.9 | 6.3 | 28.9 | 19.8 | 38.4 |
| South | 5.3 | 5.8 | 7.4 | 8.3 | 40.5 | 19.5 | 42.0 |
| West | 6.0 | 6.4 | 8.7 | 9.2 | 66.7 | 27.2 | 56.3 |
| Workers (main shift) | | | | | | | |
| Fewer than 5 | 6.3 | 9.3 | 11.6 | 11.0 | 50.8 | 29.8 | 41.7 |
| 5 to 9 | 7.6 | 8.2 | 12.4 | 9.9 | 34.7 | 33.7 | 50.2 |
| 10 to 19 | 6.7 | 7.1 | 10.5 | 10.9 | 34.1 | 31.9 | 38.5 |
| 20 to 49 | 6.6 | 6.3 | 9.1 | 6.9 | 25.7 | 22.6 | 37.4 |
| 50 to 99 | 8.9 | 8.9 | 10.5 | 9.7 | 26.1 | 22.8 | 35.8 |
| 100 to 249 | 7.2 | 7.2 | 12.0 | 8.9 | 27.1 | 26.2 | 48.8 |
| 250 or More | 6.3 | 6.2 | 8.6 | 10.7 | 24.2 | 16.0 | 60.1 |

RSEs for Table B26. Water-Heating Energy Sources, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | | |
|---|---------------------------|----------------------------------|--|-------------|----------|---------------|---------|
| | All Buildings | All Buildings with Water Heating | Water-Heating Energy Sources Used (more than one may apply) | | | | |
| | | | Electricity | Natural Gas | Fuel Oil | District Heat | Propane |
| Weekly Operating Hours | | | | | | | |
| 39 or Fewer | 9.8 | 13.8 | 18.5 | 15.4 | 56.2 | 71.1 | 59.3 |
| 40 to 48 | 6.1 | 6.8 | 9.1 | 8.0 | 25.0 | 30.2 | 64.7 |
| 49 to 60 | 6.1 | 6.6 | 8.2 | 10.1 | 26.7 | 13.2 | 30.9 |
| 61 to 84 | 6.1 | 6.0 | 8.9 | 8.6 | 30.6 | 22.7 | 45.0 |
| 85 to 167 | 7.0 | 7.1 | 10.7 | 10.3 | 35.3 | 20.3 | 28.1 |
| Open Continuously | 5.0 | 4.9 | 9.8 | 7.5 | 16.2 | 14.0 | 32.7 |
| Energy Sources (more than one may apply) | | | | | | | |
| Electricity | 3.5 | 3.7 | 5.5 | 4.4 | 11.5 | 10.8 | 17.3 |
| Natural Gas | 3.9 | 3.9 | 6.4 | 4.4 | 19.5 | 15.4 | 40.2 |
| Fuel Oil | 6.9 | 6.9 | 12.6 | 8.2 | 11.5 | 20.1 | 35.7 |
| District Heat | 9.9 | 10.2 | 20.6 | 18.7 | 63.9 | 10.8 | 100.1 |
| District Chilled Water | 12.1 | 12.5 | 24.1 | 18.9 | 85.3 | 15.9 | 100.1 |
| Propane | 10.9 | 10.4 | 15.7 | 15.4 | 20.8 | 46.6 | 17.3 |
| Other | 14.0 | 13.9 | 23.0 | 20.9 | 51.5 | 32.4 | 52.3 |
| Primary Space Heating Energy Source | | | | | | | |
| Electricity | 5.5 | 5.7 | 7.0 | 9.0 | 36.5 | 40.8 | 30.7 |
| Natural Gas | 4.4 | 4.6 | 7.1 | 4.9 | 22.7 | 31.2 | 0.0 |
| Fuel Oil | 12.4 | 12.8 | 28.6 | 19.6 | 13.8 | 70.4 | 44.3 |
| District Heat | 10.3 | 10.5 | 25.8 | 24.1 | 100.1 | 11.3 | 0.0 |
| Propane | 19.5 | 20.8 | 30.5 | 0.0 | 72.7 | 0.0 | 28.7 |
| Other | 25.8 | 23.1 | 47.0 | 59.5 | 100.0 | 0.0 | 97.4 |
| Cooking Energy Sources (more than one may apply) | | | | | | | |
| Electricity | 5.2 | 5.6 | 8.8 | 7.6 | 21.9 | 21.5 | 33.3 |
| Natural Gas | 5.1 | 5.2 | 9.9 | 5.6 | 27.7 | 21.6 | 73.3 |
| Propane | 16.8 | 17.4 | 21.5 | 41.4 | 28.2 | 84.6 | 21.9 |
| Energy End Uses (more than one may apply) | | | | | | | |
| Buildings with Space Heating | 3.5 | 3.7 | 5.8 | 4.4 | 11.6 | 10.8 | 17.9 |
| Buildings with Cooling | 3.8 | 3.9 | 5.6 | 4.8 | 15.0 | 10.6 | 17.8 |
| Buildings with Water Heating | 3.7 | 3.7 | 5.5 | 4.4 | 11.5 | 10.8 | 17.3 |
| Buildings with Cooking | 4.4 | 4.5 | 7.6 | 5.5 | 17.8 | 18.0 | 24.3 |
| Buildings with Manufacturing | 12.7 | 14.7 | 16.0 | 21.2 | 48.1 | 58.7 | 102.6 |
| Buildings with Electricity Generation | 7.4 | 7.4 | 11.2 | 9.3 | 26.8 | 18.0 | 33.0 |
| Water Heating Equipment | | | | | | | |
| Centralized System | 4.1 | 4.1 | 6.1 | 5.5 | 14.0 | 11.4 | 19.6 |
| Distributed System | 7.3 | 7.3 | 8.9 | 9.5 | 54.4 | 27.0 | 43.0 |
| Combination of Centralized and Distributed System | 5.5 | 5.5 | 10.4 | 5.7 | 27.0 | 17.9 | 48.7 |

RSEs for Table B27. Cooking Energy Sources, Number of Buildings and Floorspace, 1999

| | RSEs for Number of Buildings | | | | | RSEs for Total Floorspace | | | | |
|--|------------------------------|----------------------------|--|-------------|---------|---------------------------|----------------------------|--|-------------|---------|
| | All Buildings | All Buildings with Cooking | Cooking Energy Sources (more than one may apply) | | | All Buildings | All Buildings with Cooking | Cooking Energy Sources (more than one may apply) | | |
| | | | Electricity | Natural Gas | Propane | | | Electricity | Natural Gas | Propane |
| All Buildings | 4.2 | 5.8 | 8.1 | 8.2 | 22.3 | 3.5 | 4.4 | 5.2 | 5.1 | 16.8 |
| Building Floorspace (Square Feet) | | | | | | | | | | |
| 1,001 to 5,000 | 6.8 | 10.8 | 16.9 | 15.7 | 29.8 | 6.1 | 11.3 | 18.5 | 15.0 | 31.6 |
| 5,001 to 10,000 | 6.7 | 19.4 | 22.8 | 26.4 | 43.7 | 7.1 | 19.8 | 23.5 | 26.8 | 42.5 |
| 10,001 to 25,000 | 7.1 | 14.9 | 22.7 | 19.3 | 46.3 | 6.8 | 14.6 | 22.5 | 18.4 | 43.0 |
| 25,001 to 50,000 | 6.9 | 10.3 | 13.7 | 11.6 | 31.2 | 6.8 | 10.6 | 14.6 | 11.4 | 32.5 |
| 50,001 to 100,000 | 10.3 | 10.8 | 12.1 | 12.3 | 29.6 | 10.2 | 10.4 | 12.0 | 11.6 | 31.9 |
| 100,001 to 200,000 | 6.3 | 9.8 | 9.4 | 13.2 | 30.5 | 6.4 | 9.9 | 10.0 | 13.6 | 31.8 |
| 200,001 to 500,000 | 6.5 | 7.6 | 10.0 | 9.1 | 46.4 | 6.6 | 8.0 | 10.1 | 9.3 | 47.0 |
| Over 500,000 | 10.7 | 12.3 | 14.7 | 13.1 | 73.8 | 11.1 | 12.3 | 14.4 | 14.0 | 67.6 |
| Principal Building Activity | | | | | | | | | | |
| Education | 12.3 | 11.5 | 17.1 | 14.4 | 28.3 | 6.2 | 7.4 | 11.2 | 10.0 | 30.9 |
| Food Sales | 17.2 | 23.7 | 26.8 | 37.9 | 74.8 | 16.0 | 19.6 | 25.7 | 20.5 | 75.4 |
| Food Service | 9.3 | 9.9 | 17.1 | 11.0 | 29.1 | 9.7 | 10.3 | 17.2 | 12.5 | 27.7 |
| Health Care | 17.6 | 25.0 | 17.6 | 31.9 | 65.9 | 7.6 | 10.0 | 12.4 | 12.3 | 69.7 |
| Inpatient | 25.6 | 27.5 | 16.2 | 32.7 | 65.9 | 9.9 | 10.4 | 13.4 | 12.5 | 69.7 |
| Outpatient | 19.1 | 47.0 | 53.6 | 76.0 | 0.0 | 10.3 | 48.2 | 55.5 | 58.3 | 0.0 |
| Lodging | 11.4 | 22.0 | 36.6 | 14.7 | 56.7 | 11.0 | 15.2 | 17.2 | 16.7 | 35.1 |
| Mercantile | 9.1 | 15.9 | 19.0 | 22.9 | 28.4 | 8.8 | 10.8 | 11.6 | 12.8 | 37.3 |
| Retail (Other Than Mall) | 10.8 | 37.5 | 45.4 | 52.5 | 100.4 | 10.7 | 19.3 | 21.9 | 25.9 | 100.4 |
| Enclosed and Strip Malls | 17.7 | 21.1 | 26.8 | 25.8 | 28.5 | 10.3 | 12.2 | 13.8 | 13.8 | 37.7 |
| Office | 8.3 | 10.8 | 11.1 | 16.9 | 71.2 | 6.9 | 10.8 | 10.2 | 13.7 | 70.2 |
| Public Assembly | 13.5 | 22.6 | 31.1 | 33.8 | 69.5 | 10.8 | 15.3 | 18.4 | 20.6 | 36.9 |
| Public Order and Safety | 28.1 | 49.0 | 65.2 | 41.3 | 80.7 | 22.2 | 27.7 | 32.9 | 37.2 | 63.4 |
| Religious Worship | 12.1 | 27.9 | 38.6 | 32.8 | 79.5 | 12.0 | 22.3 | 33.0 | 22.0 | 71.0 |
| Service | 12.8 | 77.3 | 80.3 | 60.4 | 0.0 | 11.8 | 55.2 | 56.4 | 87.3 | 0.0 |
| Warehouse and Storage | 12.4 | 67.0 | 58.8 | 82.6 | 0.0 | 9.4 | 42.4 | 62.2 | 44.8 | 0.0 |
| Other | 22.0 | 96.0 | 66.7 | 75.7 | 100.4 | 13.6 | 51.6 | 77.4 | 58.7 | 100.4 |
| Vacant | 14.5 | 42.7 | 50.5 | 52.8 | 0.0 | 12.2 | 44.2 | 59.1 | 52.0 | 0.0 |
| Year Constructed | | | | | | | | | | |
| 1919 or Before | 11.3 | 20.6 | 28.2 | 24.2 | 60.0 | 7.2 | 16.5 | 24.6 | 19.9 | 29.4 |
| 1920 to 1945 | 10.9 | 21.4 | 26.4 | 30.3 | 43.0 | 9.0 | 15.5 | 21.1 | 17.8 | 38.5 |
| 1946 to 1959 | 6.7 | 16.7 | 25.3 | 19.0 | 38.7 | 7.7 | 12.3 | 13.4 | 12.7 | 48.8 |
| 1960 to 1969 | 7.4 | 15.9 | 21.5 | 17.1 | 68.3 | 6.2 | 10.2 | 11.8 | 11.7 | 36.3 |
| 1970 to 1979 | 8.1 | 13.6 | 19.3 | 16.4 | 37.3 | 5.8 | 8.9 | 11.9 | 11.3 | 30.3 |
| 1980 to 1989 | 7.4 | 16.4 | 23.7 | 22.4 | 33.3 | 6.1 | 8.8 | 11.0 | 10.3 | 26.9 |
| 1990 to 1999 | 12.9 | 19.4 | 26.6 | 22.4 | 29.0 | 6.3 | 7.5 | 9.2 | 8.9 | 26.6 |
| Census Region | | | | | | | | | | |
| Northeast | 8.0 | 10.5 | 11.4 | 24.0 | 41.2 | 7.7 | 9.6 | 12.2 | 11.1 | 22.6 |
| Midwest | 9.7 | 17.3 | 20.8 | 21.5 | 46.7 | 5.0 | 7.9 | 11.2 | 8.1 | 38.5 |
| South | 5.6 | 8.8 | 13.2 | 13.6 | 41.5 | 5.3 | 7.7 | 9.2 | 8.4 | 31.4 |
| West | 10.8 | 14.5 | 18.8 | 15.2 | 49.8 | 6.0 | 9.1 | 9.7 | 13.4 | 34.2 |
| Workers (main shift) | | | | | | | | | | |
| Fewer than 5 | 6.0 | 12.9 | 17.2 | 19.9 | 41.6 | 6.3 | 17.2 | 22.8 | 23.6 | 50.9 |
| 5 to 9 | 7.9 | 16.7 | 27.1 | 18.5 | 36.4 | 7.6 | 14.1 | 25.0 | 18.9 | 36.8 |
| 10 to 19 | 7.6 | 11.2 | 18.2 | 14.3 | 40.3 | 6.7 | 14.4 | 16.8 | 18.2 | 28.5 |
| 20 to 49 | 9.0 | 10.7 | 14.5 | 15.1 | 38.3 | 6.6 | 7.1 | 9.5 | 8.8 | 25.9 |
| 50 to 99 | 10.7 | 13.3 | 12.1 | 18.4 | 33.6 | 8.9 | 10.7 | 12.2 | 13.6 | 34.9 |
| 100 to 249 | 11.7 | 9.3 | 9.7 | 10.9 | 30.7 | 7.2 | 10.0 | 11.8 | 10.5 | 34.3 |
| 250 or More | 8.6 | 8.6 | 8.3 | 10.6 | 40.0 | 6.3 | 8.1 | 9.2 | 10.5 | 45.5 |

RSEs for Table B27. Cooking Energy Sources, Number of Buildings and Floorspace, 1999

| | RSEs for Number of Buildings | | | | | RSEs for Total Floorspace | | | | |
|---|------------------------------|----------------------------|--|-------------|---------|---------------------------|----------------------------|--|-------------|---------|
| | All Buildings | All Buildings with Cooking | Cooking Energy Sources (more than one may apply) | | | All Buildings | All Buildings with Cooking | Cooking Energy Sources (more than one may apply) | | |
| | | | Electricity | Natural Gas | Propane | | | Electricity | Natural Gas | Propane |
| Weekly Operating Hours | | | | | | | | | | |
| 39 or Fewer | 10.3 | 22.0 | 23.6 | 35.9 | 42.5 | 9.8 | 20.6 | 34.5 | 18.7 | 42.4 |
| 40 to 48 | 5.9 | 14.5 | 19.3 | 20.0 | 52.5 | 6.1 | 10.4 | 14.4 | 12.1 | 46.6 |
| 49 to 60 | 8.2 | 14.9 | 25.6 | 18.4 | 41.7 | 6.1 | 11.2 | 13.0 | 13.1 | 31.5 |
| 61 to 84 | 9.6 | 15.7 | 17.9 | 19.2 | 40.9 | 6.1 | 8.6 | 9.5 | 10.5 | 27.6 |
| 85 to 167 | 7.7 | 12.9 | 18.5 | 14.6 | 41.2 | 7.0 | 8.9 | 12.7 | 10.3 | 30.4 |
| Open Continuously | 10.4 | 15.5 | 22.6 | 17.7 | 36.2 | 5.0 | 7.2 | 8.6 | 9.0 | 27.3 |
| Energy Sources (more than one may apply) | | | | | | | | | | |
| Electricity | 4.1 | 5.8 | 8.1 | 8.2 | 22.3 | 3.5 | 4.4 | 5.2 | 5.1 | 16.8 |
| Natural Gas | 4.8 | 7.4 | 10.6 | 8.2 | 40.6 | 3.9 | 4.8 | 5.8 | 5.1 | 32.7 |
| Fuel Oil | 16.7 | 18.5 | 25.1 | 23.0 | 44.6 | 6.9 | 7.7 | 7.8 | 8.0 | 26.6 |
| District Heat | 15.5 | 29.9 | 33.4 | 51.8 | 98.7 | 9.9 | 15.5 | 17.7 | 19.2 | 84.6 |
| District Chilled Water | 27.2 | 21.3 | 26.3 | 30.9 | 100.5 | 12.1 | 20.0 | 21.1 | 23.1 | 100.5 |
| Propane | 15.0 | 16.1 | 18.3 | 25.3 | 22.3 | 10.9 | 13.7 | 16.5 | 14.4 | 16.8 |
| Other | 18.8 | 27.1 | 38.4 | 32.3 | 52.5 | 14.0 | 18.2 | 23.1 | 20.6 | 38.8 |
| Water Heating Energy Sources (more than one may apply) | | | | | | | | | | |
| Electricity | 6.0 | 13.5 | 16.5 | 18.9 | 31.4 | 5.5 | 7.6 | 8.8 | 9.9 | 21.5 |
| Natural Gas | 6.1 | 9.1 | 13.6 | 9.4 | 57.9 | 4.4 | 5.5 | 7.6 | 5.6 | 41.4 |
| Fuel Oil | 20.3 | 31.1 | 40.6 | 39.0 | 43.2 | 11.5 | 17.8 | 21.9 | 27.7 | 28.2 |
| District Heat | 17.3 | 36.0 | 46.3 | 28.0 | 98.7 | 10.8 | 18.0 | 21.5 | 21.6 | 84.6 |
| Propane | 18.9 | 18.3 | 23.1 | 72.6 | 29.2 | 17.3 | 24.3 | 33.3 | 73.3 | 21.9 |
| Energy End Uses (more than one may apply) | | | | | | | | | | |
| Buildings with Space Heating | 4.2 | 6.3 | 8.8 | 8.2 | 23.5 | 3.5 | 4.4 | 5.1 | 5.1 | 17.6 |
| Buildings with Cooling | 3.9 | 6.1 | 8.3 | 8.4 | 23.1 | 3.8 | 4.3 | 5.1 | 5.3 | 17.8 |
| Buildings with Water Heating | 4.4 | 6.3 | 9.5 | 8.2 | 22.5 | 3.7 | 4.5 | 5.6 | 5.2 | 17.4 |
| Buildings with Cooking | 5.8 | 5.8 | 8.1 | 8.2 | 22.3 | 4.4 | 4.4 | 5.2 | 5.1 | 16.8 |
| Buildings with Manufacturing | 16.7 | 55.6 | 65.7 | 42.8 | 100.0 | 12.7 | 30.2 | 39.9 | 39.6 | 100.0 |
| Buildings with Electricity Generation | 14.2 | 15.5 | 21.5 | 19.1 | 40.8 | 7.4 | 8.3 | 8.9 | 8.8 | 31.8 |

RSEs for Table B28. Percent of Floorspace Heated, Number of Buildings and Floorspace, 1999

| | RSEs for Number of Buildings | | | | | RSEs for Total Floorspace | | | | |
|--|------------------------------|------------|------------------------|-------------------------|--------------------|---------------------------|------------|------------------------|-------------------------|--------------------|
| | All Buildings | Not Heated | 1 to 50 Percent Heated | 51 to 99 Percent Heated | 100 Percent Heated | All Buildings | Not Heated | 1 to 50 Percent Heated | 51 to 99 Percent Heated | 100 Percent Heated |
| All Buildings | 4.2 | 10.5 | 10.9 | 8.2 | 4.8 | 3.5 | 11.3 | 8.0 | 7.1 | 4.0 |
| Building Floorspace (Square Feet) | | | | | | | | | | |
| 1,001 to 5,000 | 6.8 | 13.2 | 17.8 | 13.0 | 7.9 | 6.1 | 14.6 | 19.4 | 12.9 | 8.1 |
| 5,001 to 10,000 | 6.7 | 15.8 | 18.9 | 16.5 | 9.1 | 7.1 | 16.7 | 19.6 | 16.9 | 9.6 |
| 10,001 to 25,000 | 7.1 | 23.6 | 19.2 | 15.0 | 9.2 | 6.8 | 23.4 | 18.6 | 15.3 | 8.9 |
| 25,001 to 50,000 | 6.9 | 18.2 | 14.9 | 14.1 | 8.0 | 6.8 | 19.1 | 14.7 | 14.7 | 7.7 |
| 50,001 to 100,000 | 10.3 | 29.3 | 22.5 | 20.3 | 9.4 | 10.2 | 29.0 | 22.0 | 20.6 | 9.3 |
| 100,001 to 200,000 | 6.3 | 27.2 | 23.7 | 18.2 | 7.5 | 6.4 | 29.4 | 23.7 | 19.6 | 7.6 |
| 200,001 to 500,000 | 6.5 | 33.3 | 23.0 | 16.6 | 7.1 | 6.6 | 30.5 | 22.7 | 16.6 | 7.4 |
| Over 500,000 | 10.7 | 63.2 | 32.6 | 15.9 | 12.0 | 11.1 | 65.1 | 33.2 | 18.4 | 11.7 |
| Principal Building Activity | | | | | | | | | | |
| Education | 12.3 | 57.5 | 58.4 | 28.6 | 13.7 | 6.2 | 61.4 | 46.2 | 19.1 | 6.8 |
| Food Sales | 17.2 | 36.0 | 80.8 | 27.2 | 24.6 | 16.0 | 35.2 | 78.2 | 20.2 | 19.4 |
| Food Service | 9.3 | 28.2 | 36.6 | 21.2 | 13.6 | 9.7 | 38.3 | 42.7 | 20.9 | 15.2 |
| Health Care | 17.6 | 0.0 | 62.9 | 44.1 | 21.5 | 7.6 | 0.0 | 49.6 | 27.0 | 6.8 |
| Inpatient | 25.6 | 0.0 | 75.7 | 34.9 | 29.1 | 9.9 | 0.0 | 70.5 | 28.8 | 9.1 |
| Outpatient | 19.1 | 0.0 | 63.8 | 46.9 | 23.9 | 10.3 | 0.0 | 61.8 | 33.6 | 12.4 |
| Lodging | 11.4 | 50.9 | 43.0 | 35.2 | 12.9 | 11.0 | 56.6 | 30.2 | 25.3 | 10.4 |
| Mercantile | 9.1 | 35.7 | 24.3 | 16.6 | 11.2 | 8.8 | 38.3 | 20.7 | 15.8 | 9.6 |
| Retail (Other Than Mall) | 10.8 | 40.4 | 25.4 | 18.0 | 13.5 | 10.7 | 36.4 | 24.3 | 20.1 | 10.7 |
| Enclosed and Strip Malls | 17.7 | 67.3 | 50.4 | 20.0 | 19.5 | 10.3 | 52.1 | 31.5 | 22.2 | 10.8 |
| Office | 8.3 | 69.5 | 40.0 | 21.0 | 9.9 | 6.9 | 42.4 | 20.6 | 12.1 | 7.2 |
| Public Assembly | 13.5 | 40.9 | 44.8 | 31.9 | 15.9 | 10.8 | 33.9 | 34.9 | 24.9 | 12.0 |
| Public Order and Safety | 28.1 | 82.1 | 76.1 | 52.7 | 33.7 | 22.2 | 99.5 | 54.0 | 36.5 | 23.1 |
| Religious Worship | 12.1 | 59.7 | 58.5 | 31.4 | 15.8 | 12.0 | 65.7 | 40.8 | 31.8 | 15.3 |
| Service | 12.8 | 32.8 | 29.9 | 23.8 | 16.3 | 11.8 | 32.3 | 27.9 | 24.2 | 14.9 |
| Warehouse and Storage | 12.4 | 18.6 | 17.3 | 37.2 | 17.1 | 9.4 | 17.4 | 12.1 | 20.8 | 11.1 |
| Other | 22.0 | 51.1 | 67.6 | 58.1 | 30.4 | 13.6 | 35.2 | 56.2 | 41.7 | 19.7 |
| Vacant | 14.5 | 17.3 | 50.7 | 71.8 | 29.1 | 12.2 | 15.9 | 39.0 | 49.9 | 21.8 |
| Year Constructed | | | | | | | | | | |
| 1919 or Before | 11.3 | 27.1 | 27.5 | 23.4 | 16.2 | 7.2 | 27.4 | 27.4 | 21.1 | 10.8 |
| 1920 to 1945 | 10.9 | 27.8 | 25.3 | 16.3 | 12.9 | 9.0 | 27.7 | 21.7 | 15.0 | 10.9 |
| 1946 to 1959 | 6.7 | 25.7 | 24.8 | 23.0 | 8.5 | 7.7 | 20.6 | 15.6 | 16.1 | 9.5 |
| 1960 to 1969 | 7.4 | 23.3 | 19.2 | 20.7 | 9.2 | 6.2 | 16.9 | 14.5 | 17.9 | 6.7 |
| 1970 to 1979 | 8.1 | 24.7 | 22.2 | 23.3 | 9.4 | 5.8 | 22.2 | 17.9 | 15.2 | 7.6 |
| 1980 to 1989 | 7.4 | 19.1 | 17.9 | 16.1 | 9.9 | 6.1 | 23.8 | 18.8 | 9.4 | 7.5 |
| 1990 to 1999 | 12.9 | 40.1 | 33.3 | 25.9 | 13.8 | 6.3 | 26.9 | 15.8 | 12.3 | 7.2 |
| Floors | | | | | | | | | | |
| One | 5.4 | 12.2 | 14.0 | 10.7 | 5.9 | 4.9 | 13.7 | 11.6 | 9.2 | 5.6 |
| Two | 7.4 | 20.0 | 19.0 | 18.5 | 9.9 | 6.1 | 20.4 | 15.6 | 14.4 | 7.7 |
| Three | 9.0 | 39.4 | 39.9 | 16.0 | 14.1 | 7.4 | 27.4 | 24.8 | 15.0 | 8.7 |
| Four to Nine | 9.8 | 61.6 | 42.0 | 18.9 | 11.8 | 5.7 | 37.9 | 20.3 | 15.9 | 6.2 |
| Ten or More | 12.7 | 52.7 | 39.8 | 19.6 | 11.9 | 10.7 | 48.6 | 35.3 | 16.1 | 11.3 |
| Census Region | | | | | | | | | | |
| Northeast | 8.0 | 25.7 | 27.4 | 22.9 | 7.4 | 7.7 | 32.0 | 22.0 | 16.2 | 8.5 |
| Midwest | 9.7 | 24.7 | 18.1 | 15.8 | 12.7 | 5.0 | 22.1 | 16.8 | 17.6 | 6.3 |
| South | 5.6 | 14.9 | 14.3 | 13.6 | 6.8 | 5.3 | 16.5 | 9.5 | 9.9 | 6.4 |
| West | 10.8 | 24.8 | 22.4 | 13.9 | 13.7 | 6.0 | 16.3 | 17.6 | 15.4 | 9.9 |
| Climate Zone: 45-Year Average | | | | | | | | | | |
| Under 2,000 CDD and -- | | | | | | | | | | |
| More than 7,000 HDD | 19.0 | 41.6 | 24.1 | 20.1 | 20.7 | 10.5 | 36.3 | 18.3 | 16.3 | 11.0 |
| 5,500-7,000 HDD | 7.0 | 24.7 | 31.3 | 20.5 | 7.5 | 7.1 | 24.4 | 21.0 | 18.4 | 7.0 |
| 4,000-5,499 HDD | 16.8 | 34.3 | 29.6 | 22.9 | 16.4 | 9.1 | 29.7 | 20.8 | 13.0 | 9.4 |
| Fewer than 4,000 HDD | 10.9 | 21.4 | 23.5 | 15.8 | 11.8 | 8.9 | 18.4 | 18.6 | 15.1 | 9.9 |
| 2,000 CDD or More and -- | | | | | | | | | | |
| Fewer than 4,000 HDD | 11.1 | 17.5 | 19.1 | 22.6 | 14.9 | 9.4 | 19.9 | 15.3 | 16.4 | 10.3 |

RSEs for Table B28. Percent of Floorspace Heated, Number of Buildings and Floorspace, 1999

| | RSEs for Number of Buildings | | | | | RSEs for Total Floorspace | | | | |
|---|------------------------------|------------|------------------------|-------------------------|--------------------|---------------------------|------------|------------------------|-------------------------|--------------------|
| | All Buildings | Not Heated | 1 to 50 Percent Heated | 51 to 99 Percent Heated | 100 Percent Heated | All Buildings | Not Heated | 1 to 50 Percent Heated | 51 to 99 Percent Heated | 100 Percent Heated |
| Workers (main shift) | | | | | | | | | | |
| Fewer than 5 | 6.0 | 10.8 | 12.1 | 12.5 | 7.6 | 6.3 | 10.8 | 15.0 | 15.9 | 8.9 |
| 5 to 9 | 7.9 | 38.6 | 24.2 | 16.7 | 10.1 | 7.6 | 35.5 | 18.5 | 19.0 | 9.8 |
| 10 to 19 | 7.6 | 30.7 | 26.8 | 18.7 | 10.0 | 6.7 | 23.0 | 18.7 | 16.3 | 9.3 |
| 20 to 49 | 9.0 | 38.3 | 15.4 | 25.2 | 10.0 | 6.6 | 33.0 | 17.2 | 17.9 | 7.4 |
| 50 to 99 | 10.7 | 31.6 | 40.3 | 16.4 | 12.0 | 8.9 | 33.1 | 22.8 | 17.3 | 9.3 |
| 100 to 249 | 11.7 | 65.2 | 23.6 | 18.0 | 11.7 | 7.2 | 30.4 | 25.3 | 16.7 | 7.6 |
| 250 or More | 8.6 | 35.7 | 26.7 | 15.0 | 9.5 | 6.3 | 43.7 | 27.7 | 14.5 | 6.3 |
| Weekly Operating Hours | | | | | | | | | | |
| 39 or Fewer | 10.3 | 13.4 | 26.2 | 22.2 | 13.8 | 9.8 | 12.3 | 26.0 | 25.9 | 12.8 |
| 40 to 48 | 5.9 | 35.3 | 14.1 | 13.7 | 6.7 | 6.1 | 27.7 | 13.2 | 13.1 | 7.3 |
| 49 to 60 | 8.2 | 30.9 | 18.6 | 17.3 | 10.3 | 6.1 | 28.2 | 14.5 | 13.5 | 7.0 |
| 61 to 84 | 9.6 | 31.7 | 33.7 | 17.8 | 11.8 | 6.1 | 30.0 | 22.5 | 14.5 | 7.4 |
| 85 to 167 | 7.7 | 30.8 | 35.1 | 25.1 | 7.9 | 7.0 | 30.9 | 20.8 | 18.2 | 7.2 |
| Open Continuously | 10.4 | 31.9 | 42.1 | 24.2 | 11.5 | 5.0 | 23.8 | 20.3 | 13.0 | 4.9 |
| Vacancy Status | | | | | | | | | | |
| Completely Vacant | 20.7 | 21.2 | 97.9 | 96.8 | 52.0 | 14.5 | 16.0 | 86.5 | 93.0 | 40.2 |
| Mostly Vacant | 22.9 | 33.1 | 57.9 | 57.9 | 34.1 | 20.0 | 32.9 | 43.8 | 58.7 | 25.8 |
| Partially Vacant | 7.3 | 18.4 | 24.1 | 15.6 | 11.3 | 6.2 | 19.6 | 15.9 | 12.1 | 7.7 |
| Not At All Vacant | 4.4 | 14.3 | 12.1 | 8.8 | 5.2 | 3.4 | 15.3 | 9.7 | 7.6 | 4.2 |
| Energy Sources (more than one may apply) | | | | | | | | | | |
| Electricity | 4.1 | 13.4 | 11.1 | 8.3 | 4.8 | 3.5 | 13.5 | 8.1 | 7.1 | 4.0 |
| Natural Gas | 4.8 | 26.2 | 13.9 | 8.4 | 6.1 | 3.9 | 24.5 | 8.7 | 8.0 | 4.3 |
| Fuel Oil | 16.7 | 39.9 | 33.9 | 30.2 | 16.6 | 6.9 | 34.5 | 21.2 | 12.0 | 7.8 |
| District Heat | 15.5 | 58.7 | 81.4 | 39.2 | 18.3 | 9.9 | 60.3 | 56.3 | 24.1 | 9.7 |
| District Chilled Water | 27.2 | 98.0 | 56.8 | 33.6 | 30.4 | 12.1 | 82.2 | 51.9 | 28.1 | 12.8 |
| Propane | 15.0 | 50.2 | 27.7 | 28.6 | 16.5 | 10.9 | 39.0 | 19.4 | 22.0 | 12.9 |
| Other | 18.8 | 84.6 | 44.1 | 43.9 | 22.8 | 14.0 | 71.6 | 31.1 | 28.1 | 16.6 |
| Space-Heating Energy Sources (more than one may apply) | | | | | | | | | | |
| Electricity | 5.1 | 0.0 | 13.3 | 14.3 | 5.6 | 4.1 | 0.0 | 9.8 | 9.4 | 4.5 |
| Natural Gas | 5.4 | 103.3 | 14.5 | 9.0 | 6.8 | 4.2 | 103.3 | 9.0 | 8.8 | 4.9 |
| Fuel Oil | 19.2 | 0.0 | 36.2 | 34.4 | 19.1 | 10.7 | 0.0 | 34.7 | 16.0 | 12.0 |
| District Heat | 16.5 | 0.0 | 74.3 | 41.4 | 19.4 | 9.9 | 0.0 | 40.6 | 24.9 | 9.8 |
| Propane | 18.3 | 0.0 | 34.9 | 38.1 | 19.5 | 18.0 | 0.0 | 35.1 | 36.0 | 20.1 |
| Other | 25.8 | 0.0 | 49.7 | 54.0 | 33.6 | 21.5 | 0.0 | 44.2 | 49.0 | 26.9 |
| Primary Space-Heating Energy Source | | | | | | | | | | |
| Electricity | 7.1 | 0.0 | 16.6 | 18.2 | 8.0 | 5.5 | 0.0 | 13.7 | 11.8 | 6.3 |
| Natural Gas | 6.0 | 0.0 | 14.2 | 9.2 | 7.4 | 4.4 | 0.0 | 8.9 | 9.2 | 5.2 |
| Fuel Oil | 18.8 | 0.0 | 43.5 | 39.1 | 18.1 | 12.5 | 0.0 | 39.5 | 29.9 | 13.4 |
| District Heat | 16.2 | 0.0 | 74.9 | 43.8 | 16.3 | 10.3 | 0.0 | 43.6 | 26.1 | 10.3 |
| Propane | 19.1 | 0.0 | 41.9 | 39.0 | 20.2 | 19.5 | 0.0 | 46.2 | 41.2 | 21.8 |
| Other | 32.6 | 0.0 | 56.0 | 78.2 | 51.8 | 25.8 | 0.0 | 54.5 | 46.3 | 42.2 |
| Energy End Uses (more than one may apply) | | | | | | | | | | |
| Buildings with Space Heating | 4.2 | 0.0 | 10.9 | 8.2 | 4.8 | 3.5 | 0.0 | 8.0 | 7.1 | 4.0 |
| Buildings with Cooling | 3.9 | 19.9 | 11.9 | 9.6 | 4.5 | 3.8 | 20.8 | 8.6 | 7.7 | 4.2 |
| Buildings with Water Heating | 4.4 | 20.3 | 12.7 | 9.0 | 5.3 | 3.7 | 17.8 | 8.5 | 7.6 | 4.1 |
| Buildings with Cooking | 5.8 | 24.3 | 26.2 | 12.8 | 7.8 | 4.4 | 27.8 | 15.9 | 10.2 | 4.9 |
| Buildings with Manufacturing | 16.7 | 84.5 | 31.7 | 37.8 | 21.4 | 12.7 | 62.2 | 24.5 | 25.1 | 14.4 |
| Buildings with Electricity Generation | 14.2 | 33.1 | 61.7 | 28.4 | 16.8 | 7.4 | 34.0 | 20.6 | 13.7 | 8.3 |

RSEs for Table B28. Percent of Floorspace Heated, Number of Buildings and Floorspace, 1999

| | RSEs for Number of Buildings | | | | | RSEs for Total Floorspace | | | | |
|---|------------------------------|------------|------------------------|-------------------------|--------------------|---------------------------|------------|------------------------|-------------------------|--------------------|
| | All Buildings | Not Heated | 1 to 50 Percent Heated | 51 to 99 Percent Heated | 100 Percent Heated | All Buildings | Not Heated | 1 to 50 Percent Heated | 51 to 99 Percent Heated | 100 Percent Heated |
| Percent of Floorspace Cooled | | | | | | | | | | |
| Not Cooled | 10.4 | 13.0 | 25.7 | 25.8 | 14.2 | 8.8 | 11.4 | 23.1 | 20.5 | 13.7 |
| 1 to 50 | 9.1 | 31.9 | 13.3 | 17.4 | 12.7 | 6.9 | 32.2 | 9.9 | 12.8 | 8.4 |
| 51 to 99 | 6.9 | 31.6 | 46.1 | 9.5 | 11.5 | 4.5 | 29.9 | 28.5 | 7.8 | 5.7 |
| 100 | 4.5 | 29.8 | 38.0 | 31.3 | 4.8 | 5.2 | 26.3 | 23.9 | 20.9 | 4.8 |
| Percent Lit When Open | | | | | | | | | | |
| Zero | 49.1 | 58.6 | 75.3 | 0.0 | 80.8 | 32.5 | 41.0 | 75.0 | 0.0 | 57.3 |
| 1 to 50 | 9.0 | 23.3 | 15.0 | 18.7 | 11.5 | 8.1 | 27.6 | 13.0 | 17.5 | 9.4 |
| 51 to 99 | 6.4 | 25.1 | 22.2 | 11.8 | 8.4 | 4.9 | 26.1 | 16.5 | 9.4 | 5.4 |
| 100 | 5.8 | 29.1 | 17.6 | 14.8 | 6.3 | 4.2 | 20.2 | 9.6 | 10.5 | 5.0 |
| Building Never Open/ Electricity Not Used | 13.0 | 14.7 | 48.4 | 87.6 | 22.0 | 12.9 | 13.9 | 36.7 | 69.1 | 19.7 |
| Heating Equipment (more than one may apply) | | | | | | | | | | |
| Heat Pumps | 10.5 | 0.0 | 29.1 | 19.7 | 11.6 | 6.3 | 0.0 | 16.4 | 12.8 | 8.0 |
| Furnaces | 7.4 | 0.0 | 19.0 | 11.0 | 8.8 | 5.5 | 0.0 | 12.4 | 11.2 | 6.6 |
| Individual Space Heaters | 6.7 | 0.0 | 17.4 | 14.9 | 8.0 | 5.0 | 0.0 | 10.4 | 11.5 | 6.1 |
| District Heat | 16.5 | 0.0 | 74.3 | 41.4 | 19.4 | 9.9 | 0.0 | 40.6 | 24.9 | 9.8 |
| Boilers | 7.9 | 0.0 | 26.8 | 19.1 | 9.1 | 5.6 | 0.0 | 19.0 | 11.6 | 6.5 |
| Packaged Heating Units | 6.3 | 0.0 | 20.7 | 15.9 | 7.2 | 4.8 | 0.0 | 11.1 | 11.5 | 5.4 |
| Other | 15.1 | 0.0 | 33.4 | 31.8 | 17.9 | 7.9 | 0.0 | 27.6 | 17.6 | 9.1 |
| Building Shell Conservation Features (more than one may apply) | | | | | | | | | | |
| Multipaned Windows | 6.5 | 24.0 | 16.8 | 12.7 | 7.6 | 4.5 | 22.1 | 9.7 | 9.8 | 4.8 |
| Tinted, Reflective, or Shading Glass | 5.7 | 26.3 | 21.0 | 14.7 | 6.9 | 4.8 | 20.1 | 15.0 | 9.1 | 5.6 |
| HVAC Conservation Features (more than one may apply) | | | | | | | | | | |
| Variable Air-Volume System | 9.8 | 48.0 | 30.7 | 24.6 | 10.4 | 5.4 | 29.5 | 14.8 | 11.3 | 5.9 |
| Economizer Cycle | 8.2 | 66.8 | 24.7 | 23.1 | 9.4 | 5.2 | 33.6 | 18.3 | 11.0 | 5.5 |
| HVAC Maintenance | 4.8 | 29.0 | 12.1 | 9.4 | 5.8 | 3.9 | 24.3 | 8.1 | 7.7 | 4.5 |
| Energy Management and Control System (EMCS) | 10.3 | 48.0 | 39.2 | 13.8 | 10.7 | 5.4 | 27.1 | 18.0 | 10.2 | 5.6 |
| Off-Hour Equipment Reduction (more than one may apply) | | | | | | | | | | |
| Heating | 5.0 | 0.0 | 12.3 | 8.6 | 5.4 | 4.0 | 0.0 | 8.0 | 8.1 | 4.6 |
| Cooling | 4.3 | 23.9 | 13.7 | 9.6 | 5.3 | 4.4 | 26.4 | 8.8 | 9.0 | 4.8 |
| Lighting | 4.4 | 18.3 | 11.6 | 9.0 | 5.2 | 4.0 | 17.0 | 8.8 | 8.0 | 4.6 |
| Office Equipment | 8.5 | 57.0 | 20.2 | 28.2 | 9.4 | 6.1 | 46.1 | 21.5 | 14.8 | 6.0 |

RSEs for Table B29. Percent of Floorspace Cooled, Number of Buildings and Floorspace, 1999

| | RSEs for Number of Buildings | | | | | RSEs for Total Floorspace | | | | |
|--|------------------------------|------------|------------------------|-------------------------|--------------------|---------------------------|------------|------------------------|-------------------------|--------------------|
| | All Buildings | Not Cooled | 1 to 50 Percent Cooled | 51 to 99 Percent Cooled | 100 Percent Cooled | All Buildings | Not Cooled | 1 to 50 Percent Cooled | 51 to 99 Percent Cooled | 100 Percent Cooled |
| All Buildings | 4.2 | 10.4 | 9.1 | 6.9 | 4.5 | 3.5 | 8.8 | 6.9 | 4.5 | 5.2 |
| Building Floorspace (Square Feet) | | | | | | | | | | |
| 1,001 to 5,000 | 6.8 | 13.7 | 12.6 | 10.0 | 7.3 | 6.1 | 13.3 | 13.3 | 9.3 | 7.7 |
| 5,001 to 10,000 | 6.7 | 13.3 | 16.3 | 17.3 | 11.6 | 7.1 | 14.1 | 16.6 | 17.5 | 12.1 |
| 10,001 to 25,000 | 7.1 | 19.4 | 14.8 | 15.1 | 8.9 | 6.8 | 19.3 | 14.2 | 14.2 | 8.6 |
| 25,001 to 50,000 | 6.9 | 16.1 | 11.3 | 13.0 | 10.5 | 6.8 | 15.2 | 11.5 | 13.8 | 10.0 |
| 50,001 to 100,000 | 10.3 | 19.3 | 15.0 | 14.4 | 10.7 | 10.2 | 19.4 | 14.3 | 14.6 | 10.7 |
| 100,001 to 200,000 | 6.3 | 32.9 | 14.4 | 10.4 | 9.1 | 6.4 | 34.5 | 13.9 | 10.3 | 9.5 |
| 200,001 to 500,000 | 6.5 | 33.1 | 12.9 | 10.4 | 12.3 | 6.6 | 29.8 | 14.1 | 10.6 | 13.3 |
| Over 500,000 | 10.7 | 49.8 | 21.1 | 12.4 | 24.1 | 11.1 | 46.7 | 21.1 | 12.9 | 23.6 |
| Principal Building Activity | | | | | | | | | | |
| Education | 12.3 | 32.3 | 20.9 | 20.7 | 14.3 | 6.2 | 26.7 | 13.0 | 12.5 | 8.7 |
| Food Sales | 17.2 | 76.8 | 50.2 | 31.2 | 25.0 | 16.0 | 55.7 | 53.7 | 26.7 | 16.3 |
| Food Service | 9.3 | 29.1 | 24.0 | 18.5 | 14.8 | 9.7 | 28.8 | 29.0 | 18.6 | 15.5 |
| Health Care | 17.6 | 84.3 | 44.2 | 37.5 | 20.5 | 7.6 | 85.6 | 37.7 | 12.7 | 9.9 |
| Inpatient | 25.6 | 84.3 | 89.8 | 14.2 | 19.0 | 9.9 | 85.6 | 60.2 | 11.7 | 16.7 |
| Outpatient | 19.1 | 0.0 | 49.1 | 42.5 | 21.9 | 10.3 | 0.0 | 47.8 | 25.6 | 15.2 |
| Lodging | 11.4 | 35.8 | 30.9 | 26.0 | 16.4 | 11.0 | 26.9 | 28.4 | 19.4 | 14.5 |
| Mercantile | 9.1 | 36.2 | 18.6 | 14.9 | 14.9 | 8.8 | 28.9 | 19.2 | 11.9 | 10.4 |
| Retail (Other Than Mall) | 10.8 | 37.1 | 20.6 | 17.6 | 18.2 | 10.7 | 31.9 | 20.1 | 17.4 | 11.4 |
| Enclosed and Strip Malls | 17.7 | 57.6 | 43.5 | 30.0 | 19.9 | 10.3 | 47.6 | 37.4 | 13.9 | 13.1 |
| Office | 8.3 | 45.1 | 22.1 | 16.1 | 10.1 | 6.9 | 34.9 | 17.1 | 9.0 | 8.1 |
| Public Assembly | 13.5 | 31.1 | 31.5 | 30.2 | 17.2 | 10.8 | 28.6 | 22.7 | 19.6 | 12.4 |
| Public Order and Safety | 28.1 | 42.7 | 36.1 | 31.3 | 23.7 | 22.2 | 50.4 | 33.6 | 30.4 | 23.9 |
| Religious Worship | 12.1 | 26.5 | 26.1 | 33.9 | 18.8 | 12.0 | 29.1 | 24.1 | 30.7 | 19.7 |
| Service | 12.8 | 19.8 | 20.1 | 39.7 | 22.0 | 11.8 | 21.0 | 18.2 | 33.3 | 27.3 |
| Warehouse and Storage | 12.4 | 19.7 | 14.9 | 50.9 | 35.3 | 9.4 | 15.6 | 10.8 | 24.9 | 26.4 |
| Other | 22.0 | 42.7 | 45.7 | 49.1 | 41.1 | 13.6 | 37.5 | 28.1 | 30.8 | 23.7 |
| Vacant | 14.5 | 15.7 | 37.3 | 63.4 | 58.5 | 12.2 | 14.0 | 37.0 | 48.8 | 42.0 |
| Year Constructed | | | | | | | | | | |
| 1919 or Before | 11.3 | 21.3 | 18.4 | 24.1 | 25.4 | 7.2 | 19.5 | 16.8 | 18.3 | 15.6 |
| 1920 to 1945 | 10.9 | 18.8 | 20.1 | 18.1 | 20.3 | 9.0 | 20.6 | 16.4 | 13.6 | 18.3 |
| 1946 to 1959 | 6.7 | 17.1 | 13.4 | 21.6 | 10.9 | 7.7 | 14.9 | 12.1 | 11.5 | 11.8 |
| 1960 to 1969 | 7.4 | 20.3 | 17.5 | 17.2 | 11.3 | 6.2 | 15.7 | 10.7 | 10.8 | 8.9 |
| 1970 to 1979 | 8.1 | 15.3 | 14.9 | 16.7 | 10.6 | 5.8 | 18.5 | 11.3 | 10.5 | 9.4 |
| 1980 to 1989 | 7.4 | 18.4 | 19.2 | 14.1 | 9.6 | 6.1 | 19.2 | 15.5 | 8.1 | 8.4 |
| 1990 to 1999 | 12.9 | 31.4 | 23.1 | 21.7 | 16.0 | 6.3 | 21.9 | 12.1 | 9.8 | 7.9 |
| Floors | | | | | | | | | | |
| One | 5.4 | 11.9 | 12.2 | 10.2 | 5.5 | 4.9 | 10.6 | 8.7 | 10.5 | 5.9 |
| Two | 7.4 | 18.3 | 13.5 | 14.4 | 11.5 | 6.1 | 20.6 | 10.6 | 10.5 | 9.0 |
| Three | 9.0 | 21.0 | 16.4 | 15.8 | 19.0 | 7.4 | 16.0 | 12.2 | 13.5 | 11.6 |
| Four to Nine | 9.8 | 38.1 | 23.6 | 19.6 | 17.4 | 5.7 | 24.5 | 15.2 | 9.1 | 10.4 |
| Ten or More | 12.7 | 53.6 | 38.6 | 15.9 | 15.2 | 10.7 | 54.6 | 34.2 | 12.2 | 19.1 |
| Census Region | | | | | | | | | | |
| Northeast | 8.0 | 20.1 | 23.9 | 17.3 | 15.2 | 7.7 | 22.9 | 15.2 | 10.8 | 14.5 |
| Midwest | 9.7 | 21.3 | 10.8 | 12.0 | 14.0 | 5.0 | 18.2 | 9.1 | 7.4 | 8.8 |
| South | 5.6 | 17.5 | 14.8 | 11.4 | 7.7 | 5.3 | 12.3 | 11.5 | 7.7 | 7.6 |
| West | 10.8 | 20.7 | 18.3 | 15.5 | 9.0 | 6.0 | 14.9 | 14.6 | 12.2 | 7.0 |
| Climate Zone: 45-Year Average | | | | | | | | | | |
| Under 2,000 CDD and -- | | | | | | | | | | |
| More than 7,000 HDD | 19.0 | 35.9 | 21.1 | 15.1 | 27.5 | 10.5 | 31.6 | 13.0 | 9.8 | 16.7 |
| 5,500-7,000 HDD | 7.0 | 18.3 | 18.7 | 14.4 | 13.4 | 7.1 | 17.3 | 14.0 | 10.0 | 10.1 |
| 4,000-5,499 HDD | 16.8 | 28.5 | 20.6 | 20.4 | 13.8 | 9.1 | 22.4 | 12.7 | 10.3 | 9.6 |
| Fewer than 4,000 HDD | 10.9 | 22.7 | 21.2 | 18.0 | 10.8 | 8.9 | 16.1 | 16.4 | 13.1 | 10.6 |
| 2,000 CDD or More and -- | | | | | | | | | | |
| Fewer than 4,000 HDD | 11.1 | 22.6 | 22.2 | 16.5 | 13.7 | 9.4 | 23.9 | 17.1 | 12.3 | 10.9 |

RSEs for Table B29. Percent of Floorspace Cooled, Number of Buildings and Floorspace, 1999

| | RSEs for Number of Buildings | | | | | RSEs for Total Floorspace | | | | |
|---|------------------------------|------------|------------------------|-------------------------|--------------------|---------------------------|------------|------------------------|-------------------------|--------------------|
| | All Buildings | Not Cooled | 1 to 50 Percent Cooled | 51 to 99 Percent Cooled | 100 Percent Cooled | All Buildings | Not Cooled | 1 to 50 Percent Cooled | 51 to 99 Percent Cooled | 100 Percent Cooled |
| Workers (main shift) | | | | | | | | | | |
| Fewer than 5 | 6.0 | 10.4 | 11.4 | 12.3 | 9.1 | 6.3 | 9.4 | 12.1 | 14.5 | 8.8 |
| 5 to 9 | 7.9 | 18.1 | 16.8 | 17.3 | 11.1 | 7.6 | 16.5 | 13.4 | 19.6 | 11.5 |
| 10 to 19 | 7.6 | 36.2 | 19.6 | 16.5 | 11.8 | 6.7 | 26.9 | 15.2 | 15.2 | 10.7 |
| 20 to 49 | 9.0 | 26.1 | 19.8 | 19.3 | 13.2 | 6.6 | 22.9 | 12.9 | 12.4 | 9.4 |
| 50 to 99 | 10.7 | 28.0 | 20.5 | 19.6 | 13.0 | 8.9 | 26.8 | 14.9 | 11.2 | 12.5 |
| 100 to 249 | 11.7 | 38.2 | 33.4 | 22.3 | 9.4 | 7.2 | 42.2 | 12.6 | 11.3 | 9.2 |
| 250 or More | 8.6 | 48.2 | 18.1 | 10.0 | 11.1 | 6.3 | 45.1 | 15.6 | 8.7 | 9.6 |
| Weekly Operating Hours | | | | | | | | | | |
| 39 or Fewer | 10.3 | 12.8 | 24.7 | 29.3 | 16.5 | 9.8 | 11.8 | 20.9 | 25.0 | 16.3 |
| 40 to 48 | 5.9 | 20.7 | 12.7 | 15.1 | 7.9 | 6.1 | 16.5 | 10.9 | 11.8 | 7.3 |
| 49 to 60 | 8.2 | 27.0 | 12.4 | 13.9 | 13.8 | 6.1 | 17.9 | 9.9 | 8.6 | 9.3 |
| 61 to 84 | 9.6 | 24.5 | 18.8 | 17.6 | 11.9 | 6.1 | 20.5 | 12.8 | 9.5 | 10.5 |
| 85 to 167 | 7.7 | 35.8 | 15.6 | 20.5 | 9.9 | 7.0 | 33.9 | 12.7 | 11.6 | 8.2 |
| Open Continuously | 10.4 | 20.8 | 21.7 | 20.3 | 13.9 | 5.0 | 18.6 | 13.3 | 9.7 | 8.3 |
| Vacancy Status | | | | | | | | | | |
| Completely Vacant | 20.7 | 21.7 | 93.3 | 87.5 | 84.9 | 14.5 | 14.9 | 98.1 | 78.1 | 57.0 |
| Mostly Vacant | 22.9 | 26.5 | 34.6 | 91.0 | 80.8 | 20.0 | 25.0 | 34.8 | 62.6 | 53.7 |
| Partially Vacant | 7.3 | 21.6 | 18.1 | 15.8 | 13.4 | 6.2 | 14.2 | 14.0 | 7.6 | 11.0 |
| Not At All Vacant | 4.4 | 12.1 | 9.6 | 7.5 | 5.1 | 3.4 | 11.6 | 7.3 | 5.7 | 4.5 |
| Energy Sources (more than one may apply) | | | | | | | | | | |
| Electricity | 4.1 | 11.2 | 9.1 | 6.9 | 4.5 | 3.5 | 9.7 | 6.9 | 4.5 | 5.2 |
| Natural Gas | 4.8 | 14.8 | 9.1 | 8.2 | 6.2 | 3.9 | 11.2 | 6.9 | 5.2 | 6.0 |
| Fuel Oil | 16.7 | 25.6 | 26.7 | 23.6 | 30.0 | 6.9 | 21.9 | 12.4 | 8.6 | 13.5 |
| District Heat | 15.5 | 39.2 | 21.3 | 28.8 | 24.7 | 9.9 | 30.4 | 21.9 | 14.8 | 11.2 |
| District Chilled Water | 27.2 | 0.0 | 37.2 | 27.7 | 32.8 | 12.1 | 0.0 | 31.6 | 18.3 | 14.1 |
| Propane | 15.0 | 27.0 | 26.2 | 25.5 | 21.9 | 10.9 | 27.1 | 12.6 | 17.4 | 21.2 |
| Other | 18.8 | 30.7 | 43.6 | 44.4 | 35.5 | 14.0 | 30.8 | 29.3 | 22.5 | 19.4 |
| Cooling Energy Sources (more than one may apply) | | | | | | | | | | |
| Electricity | 4.0 | 0.0 | 9.2 | 7.3 | 4.7 | 4.0 | 0.0 | 7.1 | 4.9 | 5.4 |
| Natural Gas | 18.3 | 0.0 | 33.4 | 42.6 | 25.5 | 12.2 | 0.0 | 22.8 | 16.8 | 22.2 |
| District Chilled Water | 27.2 | 0.0 | 37.2 | 27.7 | 32.8 | 12.1 | 0.0 | 31.6 | 18.3 | 14.1 |
| Energy End Uses (more than one may apply) | | | | | | | | | | |
| Buildings with Space Heating | 4.2 | 12.9 | 9.3 | 7.1 | 4.7 | 3.5 | 11.0 | 6.7 | 4.6 | 5.0 |
| Buildings with Cooling | 3.9 | 0.0 | 9.1 | 6.9 | 4.5 | 3.8 | 0.0 | 6.9 | 4.5 | 5.2 |
| Buildings with Water Heating | 4.4 | 14.4 | 10.2 | 7.2 | 5.2 | 3.7 | 11.2 | 6.9 | 4.7 | 5.5 |
| Buildings with Cooking | 5.8 | 22.1 | 14.3 | 13.3 | 8.8 | 4.4 | 22.5 | 10.3 | 5.3 | 7.6 |
| Buildings with Manufacturing | 16.7 | 45.8 | 22.9 | 53.0 | 31.2 | 12.7 | 30.7 | 18.8 | 24.9 | 19.9 |
| Buildings with Electricity Generation | 14.2 | 48.2 | 38.4 | 19.4 | 18.3 | 7.4 | 37.8 | 15.3 | 8.9 | 11.8 |
| Percent of Floorspace Heated | | | | | | | | | | |
| Not Heated | 10.5 | 13.0 | 31.9 | 31.6 | 29.8 | 11.3 | 11.4 | 32.2 | 29.9 | 26.3 |
| 1 to 50 | 10.9 | 25.7 | 13.3 | 46.1 | 38.0 | 8.0 | 23.1 | 9.9 | 28.5 | 23.9 |
| 51 to 99 | 8.2 | 25.8 | 17.4 | 9.5 | 31.3 | 7.1 | 20.5 | 12.8 | 7.8 | 20.9 |
| 100 | 4.8 | 14.2 | 12.7 | 11.5 | 4.8 | 4.0 | 13.7 | 8.4 | 5.7 | 4.8 |
| Percent Lit When Open | | | | | | | | | | |
| Zero | 49.1 | 58.2 | 85.1 | 0.0 | 99.3 | 32.5 | 38.9 | 57.5 | 0.0 | 99.3 |
| 1 to 50 | 9.0 | 18.9 | 13.1 | 18.6 | 18.2 | 8.1 | 18.1 | 12.2 | 16.9 | 13.9 |
| 51 to 99 | 6.4 | 17.2 | 13.3 | 9.7 | 9.5 | 4.9 | 15.9 | 8.9 | 6.4 | 7.1 |
| 100 | 5.8 | 14.9 | 16.3 | 10.8 | 6.8 | 4.2 | 13.4 | 8.5 | 7.1 | 6.1 |
| Building Never Open/ Electricity Not Used | 13.0 | 13.5 | 44.4 | 76.6 | 38.5 | 12.9 | 12.9 | 47.2 | 57.6 | 47.2 |

RSEs for Table B29. Percent of Floorspace Cooled, Number of Buildings and Floorspace, 1999

| | RSEs for Number of Buildings | | | | | RSEs for Total Floorspace | | | | |
|---|------------------------------|------------|------------------------|-------------------------|--------------------|---------------------------|------------|------------------------|-------------------------|--------------------|
| | All Buildings | Not Cooled | 1 to 50 Percent Cooled | 51 to 99 Percent Cooled | 100 Percent Cooled | All Buildings | Not Cooled | 1 to 50 Percent Cooled | 51 to 99 Percent Cooled | 100 Percent Cooled |
| Cooling Equipment (more than one may apply) | | | | | | | | | | |
| Residential-Type Central | | | | | | | | | | |
| Air Conditioners | 10.3 | 0.0 | 13.9 | 15.9 | 16.5 | 6.8 | 0.0 | 10.7 | 9.0 | 11.2 |
| Heat Pumps | 10.4 | 0.0 | 22.3 | 15.1 | 12.6 | 6.5 | 0.0 | 13.7 | 9.2 | 8.8 |
| Individual Air Conditioners | 8.0 | 0.0 | 12.5 | 13.8 | 12.8 | 5.9 | 0.0 | 9.8 | 10.5 | 9.6 |
| District Chilled Water | 27.2 | 0.0 | 37.2 | 27.7 | 32.8 | 12.1 | 0.0 | 31.6 | 18.3 | 14.1 |
| Central Chillers | 14.5 | 0.0 | 61.8 | 12.9 | 15.2 | 6.0 | 0.0 | 16.5 | 6.9 | 9.9 |
| Packaged Air Conditioning | | | | | | | | | | |
| Units | 4.7 | 0.0 | 11.1 | 10.3 | 6.4 | 4.0 | 0.0 | 7.4 | 6.2 | 5.8 |
| Swamp Coolers | 17.0 | 0.0 | 28.9 | 36.8 | 21.7 | 17.5 | 0.0 | 23.9 | 36.7 | 21.0 |
| Other | 29.6 | 0.0 | 54.9 | 43.2 | 53.6 | 16.3 | 0.0 | 27.8 | 22.3 | 28.5 |
| Building Shell Conservation Features (more than one may apply) | | | | | | | | | | |
| Multipaned Windows | | | | | | | | | | |
| Tinted, Reflective, or Shading Glass | 6.5 | 19.4 | 12.2 | 10.1 | 7.2 | 4.5 | 15.6 | 8.3 | 5.4 | 6.8 |
| Shading Glass | 5.7 | 20.0 | 15.4 | 12.4 | 7.2 | 4.8 | 15.7 | 8.8 | 6.1 | 6.9 |
| HVAC Conservation Features (more than one may apply) | | | | | | | | | | |
| Variable Air-Volume System | | | | | | | | | | |
| Economizer Cycle | 9.8 | 55.7 | 23.3 | 18.8 | 11.1 | 5.4 | 25.3 | 10.7 | 6.9 | 8.1 |
| HVAC Maintenance | 8.2 | 0.0 | 21.8 | 15.1 | 10.3 | 5.2 | 0.0 | 9.3 | 6.2 | 8.2 |
| Energy Management and Control System (EMCS) | 4.8 | 15.1 | 10.5 | 8.4 | 5.2 | 3.9 | 13.3 | 7.0 | 5.0 | 5.6 |
| Control System (EMCS) | 10.3 | 31.0 | 22.0 | 13.9 | 13.0 | 5.4 | 26.5 | 9.7 | 5.5 | 9.5 |
| Off-Hour Equipment Reduction (more than one may apply) | | | | | | | | | | |
| Heating | | | | | | | | | | |
| Cooling | 5.0 | 16.0 | 10.1 | 7.1 | 7.0 | 4.0 | 12.2 | 7.4 | 5.7 | 5.8 |
| Lighting | 4.3 | 0.0 | 10.4 | 6.7 | 6.2 | 4.4 | 0.0 | 7.7 | 5.8 | 6.0 |
| Office Equipment | 4.4 | 11.6 | 10.2 | 7.6 | 5.0 | 4.0 | 11.0 | 7.7 | 5.3 | 5.2 |
| Office Equipment | 8.5 | 34.4 | 18.4 | 19.4 | 13.0 | 6.1 | 26.6 | 12.7 | 11.6 | 9.0 |

RSEs for Table B30. Percent of Floorspace Lit When Open, Number of Buildings and Floorspace, 1999

| | RSEs for Number of Buildings | | | | | RSEs for Total Floorspace | | | | |
|--|------------------------------|---------|---------------------|----------------------|-----------------|---------------------------|---------|---------------------|----------------------|-----------------|
| | All Buildings | Not Lit | 1 to 50 Percent Lit | 51 to 99 Percent Lit | 100 Percent Lit | All Buildings | Not Lit | 1 to 50 Percent Lit | 51 to 99 Percent Lit | 100 Percent Lit |
| All Buildings | 4.2 | 12.5 | 9.0 | 6.4 | 5.8 | 3.5 | 12.3 | 8.1 | 4.9 | 4.2 |
| Building Floorspace (Square Feet) | | | | | | | | | | |
| 1,001 to 5,000 | 6.8 | 16.1 | 13.1 | 10.0 | 9.1 | 6.1 | 16.1 | 13.3 | 10.2 | 9.6 |
| 5,001 to 10,000 | 6.7 | 20.8 | 13.4 | 11.6 | 11.6 | 7.1 | 22.2 | 14.1 | 12.3 | 12.2 |
| 10,001 to 25,000 | 7.1 | 32.2 | 17.2 | 12.1 | 8.7 | 6.8 | 33.4 | 16.6 | 11.5 | 8.0 |
| 25,001 to 50,000 | 6.9 | 24.0 | 14.4 | 9.7 | 8.4 | 6.8 | 22.6 | 14.6 | 9.6 | 8.3 |
| 50,001 to 100,000 | 10.3 | 33.6 | 19.7 | 13.9 | 10.5 | 10.2 | 33.7 | 19.6 | 14.0 | 10.3 |
| 100,001 to 200,000 | 6.3 | 41.5 | 22.5 | 9.7 | 7.9 | 6.4 | 39.3 | 23.3 | 9.6 | 7.8 |
| 200,001 to 500,000 | 6.5 | 37.9 | 35.5 | 9.7 | 9.1 | 6.6 | 35.6 | 33.4 | 9.8 | 9.9 |
| Over 500,000 | 10.7 | 60.2 | 37.5 | 12.8 | 13.8 | 11.1 | 65.1 | 33.6 | 11.8 | 14.7 |
| Principal Building Activity | | | | | | | | | | |
| Education | 12.3 | 115.9 | 37.2 | 16.2 | 16.2 | 6.2 | 115.9 | 29.0 | 8.5 | 8.4 |
| Food Sales | 17.2 | 61.0 | 55.4 | 38.0 | 23.8 | 16.0 | 58.9 | 55.0 | 25.3 | 15.0 |
| Food Service | 9.3 | 100.3 | 22.0 | 15.8 | 14.9 | 9.7 | 100.3 | 25.8 | 19.1 | 15.6 |
| Health Care | 17.6 | 0.0 | 48.3 | 23.3 | 24.0 | 7.6 | 0.0 | 54.0 | 12.2 | 9.8 |
| Inpatient | 25.6 | 0.0 | 0.0 | 46.9 | 16.5 | 9.9 | 0.0 | 0.0 | 13.7 | 14.4 |
| Outpatient | 19.1 | 0.0 | 48.3 | 25.3 | 26.6 | 10.3 | 0.0 | 54.0 | 18.6 | 15.5 |
| Lodging | 11.4 | 84.5 | 22.1 | 19.4 | 18.1 | 11.0 | 71.7 | 18.0 | 16.9 | 14.9 |
| Mercantile | 9.1 | 85.1 | 24.7 | 15.6 | 12.8 | 8.8 | 75.2 | 21.8 | 12.9 | 9.9 |
| Retail (Other Than Mall) | 10.8 | 85.5 | 29.8 | 19.7 | 14.9 | 10.7 | 79.4 | 30.3 | 19.8 | 12.2 |
| Enclosed and Strip Malls | 17.7 | 103.2 | 50.2 | 33.5 | 19.9 | 10.3 | 103.2 | 31.2 | 15.8 | 12.2 |
| Office | 8.3 | 70.6 | 24.2 | 13.9 | 12.3 | 6.9 | 91.3 | 21.5 | 10.3 | 7.3 |
| Public Assembly | 13.5 | 53.8 | 29.0 | 20.4 | 20.9 | 10.8 | 46.9 | 25.2 | 14.9 | 13.3 |
| Public Order and Safety | 28.1 | 74.1 | 44.1 | 30.9 | 45.6 | 22.2 | 91.1 | 52.2 | 22.0 | 27.3 |
| Religious Worship | 12.1 | 0.0 | 19.4 | 25.8 | 20.6 | 12.0 | 0.0 | 20.3 | 25.6 | 20.9 |
| Service | 12.8 | 63.3 | 22.9 | 17.9 | 20.4 | 11.8 | 64.9 | 28.4 | 17.8 | 15.1 |
| Warehouse and Storage | 12.4 | 19.7 | 19.6 | 28.4 | 18.5 | 9.4 | 19.6 | 17.0 | 21.2 | 9.5 |
| Other | 22.0 | 59.8 | 58.4 | 56.8 | 31.2 | 13.6 | 72.7 | 52.3 | 30.7 | 22.1 |
| Vacant | 14.5 | 15.8 | 40.9 | 102.1 | 83.4 | 12.2 | 14.3 | 27.6 | 102.1 | 75.5 |
| Year Constructed | | | | | | | | | | |
| 1919 or Before | 11.3 | 30.2 | 19.1 | 20.6 | 22.0 | 7.2 | 32.7 | 16.5 | 16.0 | 14.6 |
| 1920 to 1945 | 10.9 | 31.7 | 18.8 | 15.8 | 17.2 | 9.0 | 33.0 | 18.8 | 11.0 | 13.8 |
| 1946 to 1959 | 6.7 | 23.6 | 17.9 | 16.6 | 12.0 | 7.7 | 21.2 | 16.0 | 12.8 | 8.7 |
| 1960 to 1969 | 7.4 | 26.6 | 21.0 | 12.1 | 11.2 | 6.2 | 22.3 | 16.9 | 10.6 | 7.8 |
| 1970 to 1979 | 8.1 | 27.3 | 23.0 | 13.9 | 11.5 | 5.8 | 25.9 | 20.5 | 6.8 | 8.8 |
| 1980 to 1989 | 7.4 | 27.8 | 22.8 | 13.1 | 9.0 | 6.1 | 34.4 | 15.0 | 8.5 | 7.1 |
| 1990 to 1999 | 12.9 | 44.9 | 29.5 | 18.1 | 16.5 | 6.3 | 36.1 | 19.5 | 9.5 | 7.2 |
| Floors | | | | | | | | | | |
| One | 5.4 | 15.5 | 11.0 | 7.8 | 6.9 | 4.9 | 17.0 | 12.3 | 6.8 | 5.4 |
| Two | 7.4 | 21.9 | 13.8 | 12.9 | 10.2 | 6.1 | 24.6 | 14.7 | 9.6 | 6.7 |
| Three | 9.0 | 42.0 | 18.9 | 14.3 | 15.8 | 7.4 | 30.6 | 14.7 | 11.6 | 11.3 |
| Four to Nine | 9.8 | 61.7 | 25.7 | 18.2 | 13.3 | 5.7 | 50.8 | 15.0 | 9.4 | 8.8 |
| Ten or More | 12.7 | 63.1 | 34.8 | 14.7 | 15.2 | 10.7 | 65.8 | 27.9 | 12.3 | 16.3 |
| Census Region | | | | | | | | | | |
| Northeast | 8.0 | 28.7 | 29.9 | 12.7 | 15.2 | 7.7 | 39.1 | 19.1 | 8.4 | 12.2 |
| Midwest | 9.7 | 22.2 | 16.7 | 14.3 | 11.2 | 5.0 | 15.8 | 14.3 | 9.5 | 6.4 |
| South | 5.6 | 19.1 | 13.6 | 10.3 | 8.8 | 5.3 | 20.7 | 11.5 | 7.4 | 6.8 |
| West | 10.8 | 26.7 | 18.8 | 10.8 | 14.5 | 6.0 | 16.3 | 16.8 | 9.8 | 7.1 |

RSEs for Table B30. Percent of Floorspace Lit When Open, Number of Buildings and Floorspace, 1999

| | RSEs for Number of Buildings | | | | | RSEs for Total Floorspace | | | | |
|--|------------------------------|---------|---------------------|----------------------|-----------------|---------------------------|---------|---------------------|----------------------|-----------------|
| | All Buildings | Not Lit | 1 to 50 Percent Lit | 51 to 99 Percent Lit | 100 Percent Lit | All Buildings | Not Lit | 1 to 50 Percent Lit | 51 to 99 Percent Lit | 100 Percent Lit |
| Workers (main shift) | | | | | | | | | | |
| Fewer than 5 | 6.0 | 12.9 | 12.3 | 10.9 | 8.9 | 6.3 | 12.8 | 12.0 | 12.4 | 9.2 |
| 5 to 9 | 7.9 | 61.9 | 19.1 | 14.0 | 10.6 | 7.6 | 72.0 | 17.6 | 15.5 | 9.8 |
| 10 to 19 | 7.6 | 70.1 | 21.5 | 10.8 | 12.0 | 6.7 | 50.3 | 17.0 | 10.1 | 10.0 |
| 20 to 49 | 9.0 | 0.0 | 29.2 | 13.9 | 10.8 | 6.6 | 0.0 | 16.8 | 10.0 | 8.3 |
| 50 to 99 | 10.7 | 0.0 | 23.2 | 18.1 | 9.5 | 8.9 | 0.0 | 19.5 | 10.4 | 10.9 |
| 100 to 249 | 11.7 | 0.0 | 43.0 | 25.9 | 7.6 | 7.2 | 0.0 | 41.2 | 10.7 | 7.8 |
| 250 or More | 8.6 | 0.0 | 52.8 | 13.2 | 9.6 | 6.3 | 0.0 | 37.9 | 9.5 | 7.0 |
| Weekly Operating Hours | | | | | | | | | | |
| 39 or Fewer | 10.3 | 13.1 | 24.5 | 19.0 | 16.1 | 9.8 | 12.6 | 20.2 | 19.2 | 16.1 |
| 40 to 48 | 5.9 | 69.2 | 13.9 | 10.4 | 10.0 | 6.1 | 46.8 | 15.0 | 9.7 | 7.2 |
| 49 to 60 | 8.2 | 79.1 | 17.9 | 12.0 | 11.6 | 6.1 | 59.1 | 15.3 | 8.8 | 7.8 |
| 61 to 84 | 9.6 | 47.7 | 20.3 | 13.1 | 13.3 | 6.1 | 46.5 | 16.7 | 8.8 | 8.3 |
| 85 to 167 | 7.7 | 64.0 | 24.8 | 16.5 | 11.2 | 7.0 | 71.3 | 23.3 | 11.5 | 8.6 |
| Open Continuously | 10.4 | 52.1 | 22.3 | 16.9 | 13.8 | 5.0 | 37.6 | 14.4 | 8.4 | 7.2 |
| Vacancy Status | | | | | | | | | | |
| Completely Vacant | 20.7 | 20.7 | 0.0 | 0.0 | 0.0 | 14.5 | 14.5 | 0.0 | 0.0 | 0.0 |
| Mostly Vacant | 22.9 | 28.1 | 40.9 | 102.1 | 83.4 | 20.0 | 28.2 | 27.6 | 102.1 | 75.5 |
| Partially Vacant | 7.3 | 26.8 | 16.1 | 12.8 | 13.2 | 6.2 | 22.1 | 14.2 | 6.7 | 9.4 |
| Not At All Vacant | 4.4 | 22.0 | 10.6 | 6.5 | 6.2 | 3.4 | 27.3 | 9.4 | 5.7 | 4.3 |
| Energy Sources (more than one may apply) | | | | | | | | | | |
| Electricity | 4.1 | 19.7 | 9.0 | 6.4 | 5.8 | 3.5 | 18.3 | 8.1 | 4.9 | 4.2 |
| Natural Gas | 4.8 | 27.4 | 10.3 | 7.8 | 6.9 | 3.9 | 24.6 | 8.7 | 5.4 | 4.9 |
| Fuel Oil | 16.7 | 55.1 | 35.2 | 18.7 | 21.8 | 6.9 | 72.5 | 22.0 | 8.0 | 9.2 |
| District Heat | 15.5 | 0.0 | 42.8 | 34.1 | 14.7 | 9.9 | 0.0 | 30.3 | 15.2 | 11.3 |
| District Chilled Water | 27.2 | 0.0 | 35.0 | 53.0 | 22.9 | 12.1 | 0.0 | 37.6 | 19.2 | 14.7 |
| Propane | 15.0 | 49.0 | 29.8 | 18.9 | 16.9 | 10.9 | 52.0 | 23.6 | 14.2 | 14.1 |
| Other | 18.8 | 50.9 | 46.8 | 26.7 | 28.1 | 14.0 | 70.3 | 37.6 | 18.0 | 18.0 |
| Energy End Uses (more than one may apply) | | | | | | | | | | |
| Buildings with Space Heating | 4.2 | 18.8 | 9.7 | 6.6 | 5.9 | 3.5 | 16.9 | 8.2 | 4.9 | 4.4 |
| Buildings with Cooling | 3.9 | 30.5 | 9.7 | 7.2 | 5.5 | 3.8 | 31.0 | 8.8 | 5.1 | 4.5 |
| Buildings with Water Heating | 4.4 | 25.2 | 9.4 | 7.1 | 5.7 | 3.7 | 30.1 | 8.1 | 5.2 | 4.4 |
| Buildings with Cooking | 5.8 | 70.9 | 18.1 | 10.7 | 8.0 | 4.4 | 71.0 | 13.5 | 4.7 | 6.7 |
| Buildings with Manufacturing | 16.7 | 93.7 | 43.4 | 36.9 | 20.4 | 12.7 | 98.2 | 25.8 | 27.7 | 14.4 |
| Buildings with Electricity Generation | 14.2 | 76.5 | 54.6 | 15.6 | 24.0 | 7.4 | 81.3 | 22.8 | 8.3 | 9.0 |
| Percent of Floorspace Heated | | | | | | | | | | |
| Not Heated | 10.5 | 14.3 | 23.3 | 25.1 | 29.1 | 11.3 | 13.4 | 27.6 | 26.1 | 20.2 |
| 1 to 50 | 10.9 | 47.4 | 15.0 | 22.2 | 17.6 | 8.0 | 34.7 | 13.0 | 16.5 | 9.6 |
| 51 to 99 | 8.2 | 87.6 | 18.7 | 11.8 | 14.8 | 7.1 | 69.1 | 17.5 | 9.4 | 10.5 |
| 100 | 4.8 | 21.1 | 11.5 | 8.4 | 6.3 | 4.0 | 18.3 | 9.4 | 5.4 | 5.0 |
| Percent of Floorspace Cooled | | | | | | | | | | |
| Not Cooled | 10.4 | 13.2 | 18.9 | 17.2 | 14.9 | 8.8 | 12.4 | 18.1 | 15.9 | 13.4 |
| 1 to 50 | 9.1 | 58.3 | 13.1 | 13.3 | 16.3 | 6.9 | 37.7 | 12.2 | 8.9 | 8.5 |
| 51 to 99 | 6.9 | 76.6 | 18.6 | 9.7 | 10.8 | 4.5 | 57.6 | 16.9 | 6.4 | 7.1 |
| 100 | 4.5 | 37.8 | 18.2 | 9.5 | 6.8 | 5.2 | 44.9 | 13.9 | 7.1 | 6.1 |

RSEs for Table B30. Percent of Floorspace Lit When Open, Number of Buildings and Floorspace, 1999

| | RSEs for Number of Buildings | | | | | RSEs for Total Floorspace | | | | |
|---|------------------------------|---------|---------------------|----------------------|-----------------|---------------------------|---------|---------------------|----------------------|-----------------|
| | All Buildings | Not Lit | 1 to 50 Percent Lit | 51 to 99 Percent Lit | 100 Percent Lit | All Buildings | Not Lit | 1 to 50 Percent Lit | 51 to 99 Percent Lit | 100 Percent Lit |
| Percent Lit When Closed | | | | | | | | | | |
| Zero | 6.2 | 21.7 | 11.2 | 10.0 | 9.5 | 5.9 | 21.4 | 12.3 | 9.3 | 7.4 |
| 1 to 50 | 4.9 | 60.0 | 12.9 | 8.6 | 6.9 | 4.7 | 26.8 | 10.3 | 6.3 | 6.4 |
| 51 to 100 | 16.3 | 69.6 | 53.4 | 31.4 | 21.6 | 10.0 | 69.6 | 45.2 | 21.8 | 11.7 |
| Building Never Closed/ Electricity Not Used | | | | | | | | | | |
| | 9.3 | 13.2 | 22.3 | 16.9 | 13.8 | 4.7 | 14.6 | 14.4 | 8.4 | 7.2 |
| Lighting Equipment Types (more than one may apply) | | | | | | | | | | |
| Incandescent | 4.9 | 80.7 | 10.5 | 7.7 | 6.8 | 4.2 | 52.1 | 9.1 | 5.3 | 6.4 |
| Standard Fluorescent | 4.1 | 60.5 | 9.2 | 5.9 | 6.2 | 3.5 | 28.8 | 7.9 | 4.8 | 4.4 |
| Compact Fluorescent | 9.0 | 59.1 | 20.7 | 11.3 | 12.0 | 5.7 | 63.7 | 13.1 | 6.2 | 7.2 |
| High Intensity Discharge | 10.9 | 100.1 | 24.8 | 15.3 | 12.9 | 5.4 | 100.1 | 17.3 | 7.0 | 6.7 |
| Halogen | 9.1 | 58.7 | 17.3 | 14.5 | 10.4 | 4.4 | 31.8 | 15.0 | 5.5 | 6.2 |
| Other | 32.3 | 100.1 | 47.1 | 39.2 | 37.8 | 14.6 | 100.1 | 55.1 | 20.6 | 17.5 |
| Building Shell Conservation Features (more than one may apply) | | | | | | | | | | |
| Multipaned Windows | 6.5 | 29.9 | 12.9 | 9.6 | 8.4 | 4.5 | 28.5 | 10.4 | 6.2 | 6.0 |
| Tinted, Reflective, or Shading Glass | 5.7 | 33.5 | 14.8 | 10.3 | 8.1 | 4.8 | 24.9 | 11.8 | 6.9 | 5.8 |
| Lighting Conservation Features (more than one may apply) | | | | | | | | | | |
| Specular Reflectors | 8.8 | 69.6 | 19.4 | 13.0 | 11.6 | 6.0 | 60.6 | 16.2 | 7.3 | 8.2 |
| Electronic Ballasts | 5.3 | 56.5 | 11.1 | 7.7 | 7.6 | 3.9 | 60.2 | 9.3 | 5.2 | 5.2 |
| Skylights or Atriums | 8.6 | 44.3 | 20.3 | 13.5 | 11.0 | 5.8 | 19.0 | 10.7 | 8.0 | 6.7 |
| Off-Hour Equipment Reduction (more than one may apply) | | | | | | | | | | |
| Heating | 5.0 | 21.1 | 11.5 | 6.8 | 7.2 | 4.0 | 17.8 | 9.9 | 5.7 | 4.9 |
| Cooling | 4.3 | 36.6 | 10.7 | 7.7 | 6.1 | 4.4 | 38.3 | 9.8 | 6.2 | 5.3 |
| Lighting | 4.4 | 0.0 | 9.5 | 6.9 | 6.3 | 4.0 | 0.0 | 8.9 | 5.6 | 4.8 |
| Office Equipment | 8.5 | 100.8 | 23.7 | 16.4 | 11.2 | 6.1 | 100.8 | 19.1 | 9.0 | 7.9 |

RSEs for Table B31. Heated, Cooled, and Lit Buildings, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | | |
|--------------------------------------|---------------------------|------------------|-------------------|------------------|-------------------|------------------|----------------|
| | All Buildings | Heated Buildings | | Cooled Buildings | | Lit Buildings | |
| | | Total Floorspace | Heated Floorspace | Total Floorspace | Cooled Floorspace | Total Floorspace | Lit Floorspace |
| All Buildings | 3.5 | 3.5 | 3.7 | 3.8 | 4.0 | 3.5 | 3.6 |
| Building Floorspace | | | | | | | |
| (Square Feet) | | | | | | | |
| 1,001 to 5,000 | 6.1 | 6.8 | 7.4 | 6.2 | 6.9 | 6.3 | 7.0 |
| 5,001 to 10,000 | 7.1 | 8.2 | 8.3 | 8.9 | 9.3 | 7.4 | 8.3 |
| 10,001 to 25,000 | 6.8 | 6.6 | 7.1 | 6.9 | 6.9 | 6.5 | 6.4 |
| 25,001 to 50,000 | 6.8 | 7.3 | 7.1 | 8.0 | 8.8 | 6.9 | 7.0 |
| 50,001 to 100,000 | 10.2 | 10.2 | 10.0 | 10.2 | 10.5 | 10.2 | 10.4 |
| 100,001 to 200,000 | 6.4 | 6.5 | 6.7 | 6.6 | 7.2 | 6.4 | 6.6 |
| 200,001 to 500,000 | 6.6 | 6.5 | 6.6 | 6.8 | 7.8 | 6.4 | 6.5 |
| Over 500,000 | 11.1 | 10.9 | 10.8 | 11.9 | 13.5 | 11.1 | 11.7 |
| Principal Building Activity | | | | | | | |
| Education | 6.2 | 6.3 | 6.4 | 6.3 | 6.6 | 6.1 | 6.5 |
| Food Sales | 16.0 | 18.6 | 16.7 | 16.3 | 13.7 | 16.0 | 13.9 |
| Food Service | 9.7 | 10.4 | 11.1 | 10.2 | 10.4 | 9.7 | 9.2 |
| Health Care | 7.6 | 7.6 | 7.2 | 7.2 | 7.1 | 7.6 | 7.5 |
| Inpatient | 9.9 | 9.9 | 9.4 | 9.4 | 9.9 | 9.9 | 9.7 |
| Outpatient | 10.3 | 10.3 | 10.5 | 10.3 | 10.4 | 10.3 | 10.5 |
| Lodging | 11.0 | 11.2 | 10.6 | 11.8 | 12.1 | 11.1 | 11.5 |
| Mercantile | 8.8 | 8.8 | 9.1 | 8.9 | 8.5 | 8.8 | 8.8 |
| Retail (Other Than Mall) | 10.7 | 11.1 | 10.7 | 11.2 | 10.3 | 10.8 | 10.9 |
| Enclosed and Strip Malls | 10.3 | 9.7 | 10.4 | 10.4 | 10.5 | 10.3 | 10.3 |
| Office | 6.9 | 7.0 | 7.1 | 7.0 | 7.2 | 6.9 | 7.2 |
| Public Assembly | 10.8 | 11.0 | 11.0 | 10.5 | 10.9 | 10.9 | 11.2 |
| Public Order and Safety | 22.2 | 21.2 | 21.3 | 18.6 | 18.3 | 21.4 | 22.1 |
| Religious Worship | 12.0 | 12.1 | 12.7 | 14.6 | 15.3 | 12.0 | 14.2 |
| Service | 11.8 | 13.6 | 13.8 | 14.7 | 16.8 | 12.0 | 12.0 |
| Warehouse and Storage | 9.4 | 9.2 | 10.0 | 10.9 | 13.3 | 10.0 | 10.0 |
| Other | 13.6 | 15.4 | 16.6 | 15.5 | 18.4 | 14.3 | 17.0 |
| Vacant | 12.2 | 18.9 | 19.9 | 23.2 | 29.8 | 25.7 | 35.5 |
| Year Constructed | | | | | | | |
| 1919 or Before | 7.2 | 7.3 | 7.8 | 7.8 | 9.2 | 6.9 | 7.4 |
| 1920 to 1945 | 9.0 | 8.4 | 8.6 | 9.2 | 10.0 | 9.1 | 9.4 |
| 1946 to 1959 | 7.7 | 8.0 | 8.4 | 8.3 | 9.0 | 7.7 | 7.7 |
| 1960 to 1969 | 6.2 | 6.5 | 6.6 | 7.3 | 7.9 | 6.4 | 6.7 |
| 1970 to 1979 | 5.8 | 6.5 | 7.0 | 6.0 | 6.7 | 5.9 | 6.0 |
| 1980 to 1989 | 6.1 | 6.1 | 6.2 | 6.4 | 6.2 | 5.7 | 6.2 |
| 1990 to 1999 | 6.3 | 6.2 | 6.6 | 6.6 | 6.7 | 6.1 | 6.2 |
| Floors | | | | | | | |
| One | 4.9 | 5.2 | 5.3 | 5.6 | 5.8 | 4.7 | 4.7 |
| Two | 6.1 | 6.4 | 6.8 | 6.3 | 7.1 | 6.4 | 6.4 |
| Three | 7.4 | 7.4 | 7.7 | 7.9 | 8.4 | 7.5 | 8.1 |
| Four to Nine | 5.7 | 6.0 | 6.0 | 6.6 | 7.4 | 5.9 | 6.4 |
| Ten or More | 10.7 | 10.6 | 10.2 | 11.0 | 11.1 | 10.6 | 11.0 |
| Census Region | | | | | | | |
| Northeast | 7.7 | 7.8 | 7.5 | 8.5 | 8.2 | 7.8 | 8.1 |
| Midwest | 5.0 | 5.3 | 5.8 | 6.0 | 6.8 | 5.3 | 4.9 |
| South | 5.3 | 5.2 | 5.3 | 5.5 | 5.8 | 5.1 | 5.5 |
| West | 6.0 | 6.2 | 7.2 | 6.5 | 6.2 | 6.2 | 5.9 |
| Climate Zone: 45-Year Average | | | | | | | |
| Under 2,000 CDD and -- | | | | | | | |
| More than 7,000 HDD | 10.5 | 9.9 | 10.3 | 8.2 | 9.9 | 9.9 | 10.2 |
| 5,500-7,000 HDD | 7.1 | 7.2 | 7.0 | 8.6 | 8.5 | 7.3 | 7.1 |
| 4,000-5,499 HDD | 9.1 | 9.0 | 8.6 | 8.6 | 8.5 | 9.1 | 8.5 |
| Fewer than 4,000 HDD | 8.9 | 8.7 | 8.9 | 9.1 | 9.4 | 8.5 | 9.2 |
| 2,000 CDD or More and -- | | | | | | | |
| Fewer than 4,000 HDD | 9.4 | 9.7 | 10.1 | 9.2 | 9.7 | 8.9 | 9.2 |

RSEs for Table B31. Heated, Cooled, and Lit Buildings, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | | |
|---|---------------------------|------------------|-------------------|------------------|-------------------|------------------|----------------|
| | All Buildings | Heated Buildings | | Cooled Buildings | | Lit Buildings | |
| | | Total Floorspace | Heated Floorspace | Total Floorspace | Cooled Floorspace | Total Floorspace | Lit Floorspace |
| Workers (main shift) | | | | | | | |
| Fewer than 5 | 6.3 | 6.8 | 7.3 | 7.6 | 8.0 | 6.9 | 6.9 |
| 5 to 9 | 7.6 | 8.0 | 8.6 | 8.7 | 9.2 | 7.8 | 8.2 |
| 10 to 19 | 6.7 | 7.0 | 7.5 | 7.5 | 7.2 | 6.9 | 7.2 |
| 20 to 49 | 6.6 | 6.5 | 6.6 | 7.4 | 7.4 | 6.6 | 6.6 |
| 50 to 99 | 8.9 | 8.9 | 9.1 | 8.8 | 9.5 | 8.9 | 9.0 |
| 100 to 249 | 7.2 | 7.3 | 7.3 | 7.2 | 7.7 | 7.2 | 7.2 |
| 250 or More | 6.3 | 6.2 | 5.9 | 6.4 | 6.9 | 6.3 | 6.2 |
| Weekly Operating Hours | | | | | | | |
| 39 or Fewer | 9.8 | 11.2 | 11.6 | 12.9 | 13.7 | 11.3 | 11.8 |
| 40 to 48 | 6.1 | 6.2 | 6.5 | 6.3 | 6.3 | 6.2 | 6.0 |
| 49 to 60 | 6.1 | 6.2 | 6.4 | 6.4 | 7.1 | 6.1 | 6.5 |
| 61 to 84 | 6.1 | 6.2 | 6.3 | 6.4 | 7.1 | 6.1 | 6.4 |
| 85 to 167 | 7.0 | 6.8 | 6.6 | 7.1 | 6.8 | 7.0 | 6.9 |
| Open Continuously | 5.0 | 4.9 | 4.6 | 5.4 | 5.6 | 5.0 | 5.2 |
| Vacancy Status | | | | | | | |
| Completely Vacant | 14.5 | 34.7 | 37.1 | 43.7 | 47.9 | 0.0 | 0.0 |
| Mostly Vacant | 20.0 | 22.8 | 23.4 | 22.6 | 26.3 | 25.7 | 35.5 |
| Partially Vacant | 6.2 | 6.4 | 7.0 | 6.5 | 7.3 | 6.4 | 7.0 |
| Not At All Vacant | 3.4 | 3.6 | 3.6 | 3.9 | 3.7 | 3.6 | 3.6 |
| Energy Sources (more than one may apply) | | | | | | | |
| Electricity | 3.5 | 3.5 | 3.7 | 3.8 | 4.0 | 3.5 | 3.6 |
| Natural Gas | 3.9 | 3.9 | 4.1 | 4.3 | 4.5 | 3.8 | 4.0 |
| Fuel Oil | 6.9 | 6.9 | 7.0 | 7.4 | 8.4 | 6.8 | 7.2 |
| District Heat | 9.9 | 9.8 | 9.6 | 9.9 | 9.7 | 9.9 | 9.7 |
| District Chilled Water | 12.1 | 12.2 | 12.4 | 12.1 | 12.3 | 12.1 | 12.2 |
| Propane | 10.9 | 11.2 | 11.1 | 11.7 | 14.1 | 10.9 | 10.9 |
| Other | 14.0 | 14.2 | 14.6 | 14.5 | 14.8 | 14.3 | 13.9 |
| Space-Heating Energy Sources (more than one may apply) | | | | | | | |
| Electricity | 4.1 | 4.1 | 4.2 | 4.3 | 4.5 | 4.2 | 4.5 |
| Natural Gas | 4.2 | 4.2 | 4.5 | 4.6 | 4.8 | 4.2 | 4.4 |
| Fuel Oil | 10.7 | 10.7 | 10.5 | 11.4 | 13.0 | 10.6 | 11.0 |
| District Heat | 9.9 | 9.9 | 9.7 | 9.9 | 9.8 | 9.9 | 9.7 |
| Propane | 18.0 | 18.0 | 17.8 | 18.7 | 21.6 | 18.0 | 18.6 |
| Other | 21.5 | 21.5 | 22.3 | 23.8 | 27.4 | 21.7 | 21.8 |
| Primary Space-Heating Energy Source | | | | | | | |
| Electricity | 5.5 | 5.5 | 5.5 | 5.7 | 5.5 | 5.5 | 5.7 |
| Natural Gas | 4.4 | 4.4 | 4.8 | 4.9 | 5.2 | 4.5 | 4.5 |
| Fuel Oil | 12.4 | 12.4 | 12.0 | 15.0 | 17.2 | 12.1 | 12.6 |
| District Heat | 10.3 | 10.3 | 10.2 | 10.4 | 10.4 | 10.3 | 10.2 |
| Propane | 19.5 | 19.5 | 19.5 | 19.9 | 23.4 | 19.6 | 20.0 |
| Other | 25.8 | 25.8 | 29.8 | 32.0 | 42.9 | 26.7 | 27.2 |
| Cooling Energy Sources (more than one may apply) | | | | | | | |
| Electricity | 4.0 | 4.1 | 4.2 | 4.0 | 4.2 | 4.0 | 4.1 |
| Natural Gas | 12.2 | 12.2 | 12.6 | 12.2 | 13.6 | 12.2 | 12.3 |
| District Chilled Water | 12.1 | 12.2 | 12.4 | 12.1 | 12.3 | 12.1 | 12.2 |

RSEs for Table B31. Heated, Cooled, and Lit Buildings, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | | |
|--|---------------------------|------------------|-------------------|------------------|-------------------|------------------|----------------|
| | All Buildings | Heated Buildings | | Cooled Buildings | | Lit Buildings | |
| | | Total Floorspace | Heated Floorspace | Total Floorspace | Cooled Floorspace | Total Floorspace | Lit Floorspace |
| Energy End Uses (more than one may apply) | | | | | | | |
| Buildings with Space Heating | 3.5 | 3.5 | 3.7 | 3.9 | 4.0 | 3.6 | 3.7 |
| Buildings with Cooling | 3.8 | 3.9 | 4.0 | 3.8 | 4.0 | 3.8 | 3.9 |
| Buildings with Water Heating | 3.7 | 3.7 | 3.8 | 3.9 | 4.1 | 3.6 | 3.8 |
| Buildings with Cooking | 4.4 | 4.4 | 4.5 | 4.3 | 4.9 | 4.4 | 4.8 |
| Buildings with Manufacturing | 12.7 | 12.9 | 12.6 | 13.0 | 12.9 | 12.6 | 12.9 |
| Buildings with Electricity Generation | 7.4 | 7.5 | 7.6 | 7.5 | 8.1 | 7.4 | 7.5 |
| Percent of Floorspace Heated | | | | | | | |
| Not Heated | 11.3 | 0.0 | 0.0 | 20.8 | 23.1 | 15.8 | 16.8 |
| 1 to 50 | 8.0 | 8.0 | 9.1 | 8.6 | 10.2 | 8.2 | 7.8 |
| 51 to 99 | 7.1 | 7.1 | 7.3 | 7.7 | 7.9 | 7.1 | 7.6 |
| 100 | 4.0 | 4.0 | 4.0 | 4.2 | 4.2 | 4.0 | 4.2 |
| Percent of Floorspace Cooled | | | | | | | |
| Not Cooled | 8.8 | 11.0 | 11.4 | 0.0 | 0.0 | 10.6 | 10.7 |
| 1 to 50 | 6.9 | 6.7 | 7.3 | 6.9 | 8.1 | 6.9 | 7.2 |
| 51 to 99 | 4.5 | 4.6 | 4.8 | 4.5 | 4.6 | 4.5 | 4.9 |
| 100 | 5.2 | 5.0 | 5.0 | 5.2 | 5.2 | 5.0 | 5.2 |
| Percent Lit When Open | | | | | | | |
| Zero | 32.5 | 40.9 | 52.3 | 49.8 | 63.1 | 0.0 | 0.0 |
| 1 to 50 | 8.1 | 8.2 | 8.3 | 8.8 | 9.4 | 8.1 | 8.4 |
| 51 to 99 | 4.9 | 4.9 | 5.3 | 5.1 | 5.5 | 4.9 | 5.0 |
| 100 | 4.2 | 4.4 | 4.4 | 4.5 | 4.7 | 4.2 | 4.2 |
| Building Never Open/ Electricity Not Used | 12.9 | 18.4 | 18.1 | 34.5 | 42.3 | 0.0 | 0.0 |
| Percent Lit When Closed | | | | | | | |
| Zero | 5.9 | 6.2 | 6.2 | 6.5 | 6.2 | 6.0 | 6.0 |
| 1 to 50 | 4.7 | 4.8 | 5.0 | 5.0 | 5.5 | 4.7 | 5.1 |
| 51 to 100 | 10.0 | 11.2 | 11.3 | 11.3 | 12.2 | 9.9 | 10.6 |
| Building Never Closed/ Electricity Not Used | 4.7 | 4.9 | 4.6 | 5.4 | 5.6 | 5.0 | 5.2 |
| Heating Equipment (more than one may apply) | | | | | | | |
| Heat Pumps | 6.3 | 6.3 | 6.5 | 6.4 | 6.6 | 6.3 | 6.2 |
| Furnaces | 5.5 | 5.5 | 5.7 | 6.2 | 6.8 | 5.5 | 5.6 |
| Individual Space Heaters | 5.0 | 5.0 | 5.6 | 5.3 | 5.5 | 5.1 | 5.1 |
| District Heat | 9.9 | 9.9 | 9.7 | 9.9 | 9.8 | 9.9 | 9.7 |
| Boilers | 5.6 | 5.6 | 5.9 | 5.8 | 7.0 | 5.7 | 6.0 |
| Packaged Heating Units | 4.8 | 4.8 | 5.0 | 4.9 | 5.1 | 4.7 | 5.0 |
| Other | 7.9 | 7.9 | 7.9 | 8.6 | 9.6 | 8.2 | 8.2 |
| Cooling Equipment (more than one may apply) | | | | | | | |
| Residential-Type Central | | | | | | | |
| Air Conditioners | 6.8 | 6.8 | 6.9 | 6.8 | 7.0 | 6.8 | 6.6 |
| Heat Pumps | 6.5 | 6.6 | 7.1 | 6.5 | 6.7 | 6.6 | 6.5 |
| Individual Air Conditioners | 5.9 | 6.1 | 6.3 | 5.9 | 6.3 | 6.2 | 6.3 |
| District Chilled Water | 12.1 | 12.2 | 12.4 | 12.1 | 12.3 | 12.1 | 12.2 |
| Central Chillers | 6.0 | 6.1 | 6.1 | 6.0 | 6.4 | 6.1 | 6.2 |
| Packaged Air Conditioning | | | | | | | |
| Units | 4.0 | 4.2 | 4.4 | 4.0 | 4.4 | 3.9 | 4.2 |
| Swamp Coolers | 17.5 | 17.8 | 18.7 | 17.5 | 18.0 | 17.5 | 16.8 |
| Other | 16.3 | 17.3 | 19.1 | 16.3 | 17.8 | 16.4 | 16.5 |

RSEs for Table B31. Heated, Cooled, and Lit Buildings, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | | |
|--|---------------------------|------------------|-------------------|------------------|-------------------|------------------|----------------|
| | All Buildings | Heated Buildings | | Cooled Buildings | | Lit Buildings | |
| | | Total Floorspace | Heated Floorspace | Total Floorspace | Cooled Floorspace | Total Floorspace | Lit Floorspace |
| Lighting Equipment Types (more than one may apply) | | | | | | | |
| Incandescent | 4.2 | 4.3 | 4.5 | 4.6 | 5.0 | 4.3 | 4.6 |
| Standard Fluorescent | 3.5 | 3.6 | 3.7 | 3.7 | 3.9 | 3.5 | 3.7 |
| Compact Fluorescent | 5.7 | 5.7 | 5.7 | 5.8 | 6.5 | 5.7 | 5.8 |
| High Intensity Discharge | 5.4 | 5.5 | 6.0 | 5.4 | 6.6 | 5.4 | 5.5 |
| Halogen | 4.4 | 4.6 | 4.5 | 4.5 | 4.7 | 4.4 | 4.5 |
| Other | 14.6 | 14.9 | 15.3 | 15.0 | 14.8 | 14.7 | 14.2 |
| Building Shell Conservation Features (more than one may apply) | | | | | | | |
| Multipaned Windows | 4.5 | 4.5 | 4.5 | 4.5 | 4.8 | 4.5 | 4.8 |
| Tinted, Reflective, or Shading Glass | 4.8 | 5.1 | 5.2 | 4.9 | 5.3 | 4.9 | 5.2 |
| HVAC Conservation Features (more than one may apply) | | | | | | | |
| Variable Air-Volume System | 5.4 | 5.5 | 5.6 | 5.4 | 5.9 | 5.4 | 5.8 |
| Economizer Cycle | 5.2 | 5.2 | 5.3 | 5.2 | 5.9 | 5.2 | 5.4 |
| HVAC Maintenance | 3.9 | 4.0 | 4.1 | 4.0 | 4.3 | 3.9 | 4.0 |
| Energy Management and Control System (EMCS) | 5.4 | 5.5 | 5.5 | 5.8 | 6.5 | 5.5 | 5.8 |
| Lighting Conservation Features (more than one may apply) | | | | | | | |
| Specular Reflectors | 6.0 | 6.2 | 6.4 | 6.2 | 6.9 | 6.0 | 6.2 |
| Electronic Ballasts | 3.9 | 4.0 | 4.2 | 4.0 | 4.3 | 3.9 | 4.1 |
| Skylights or Atriums | 5.8 | 6.0 | 6.1 | 5.8 | 6.5 | 5.8 | 6.0 |
| Off-Hour Equipment Reduction (more than one may apply) | | | | | | | |
| Heating | 4.0 | 4.0 | 4.1 | 4.4 | 4.5 | 4.0 | 4.2 |
| Cooling | 4.4 | 4.6 | 4.6 | 4.4 | 4.6 | 4.3 | 4.5 |
| Lighting | 4.0 | 4.1 | 4.2 | 4.3 | 4.2 | 4.0 | 4.1 |
| Office Equipment | 6.1 | 6.2 | 6.1 | 6.5 | 6.7 | 6.1 | 6.3 |

RSEs for Table B32. Heating Equipment, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | | | | |
|--|------------------------------|----------------------|---|----------|--------------------------|---------------|---------|------------------------|-------|
| | All Buildings | All Heated Buildings | Heating Equipment (more than one may apply) | | | | | | |
| | | | Heat Pumps | Furnaces | Individual Space Heaters | District Heat | Boilers | Packaged Heating Units | Other |
| All Buildings | 4.2 | 4.2 | 10.5 | 7.4 | 6.7 | 16.5 | 7.9 | 6.3 | 15.1 |
| Building Floorspace (Square Feet) | | | | | | | | | |
| 1,001 to 5,000 | 6.8 | 7.1 | 15.6 | 10.0 | 11.6 | 44.3 | 16.6 | 12.0 | 23.7 |
| 5,001 to 10,000 | 6.7 | 7.9 | 21.3 | 13.7 | 14.0 | 60.4 | 17.2 | 16.7 | 35.4 |
| 10,001 to 25,000 | 7.1 | 7.0 | 19.4 | 12.7 | 14.0 | 33.2 | 15.1 | 9.7 | 32.0 |
| 25,001 to 50,000 | 6.9 | 7.3 | 13.7 | 13.2 | 11.0 | 22.8 | 11.4 | 9.0 | 23.9 |
| 50,001 to 100,000 | 10.3 | 10.3 | 11.7 | 20.1 | 14.0 | 13.7 | 12.1 | 11.7 | 15.7 |
| 100,001 to 200,000 | 6.3 | 6.6 | 16.3 | 14.9 | 11.1 | 13.2 | 9.6 | 8.6 | 23.0 |
| 200,001 to 500,000 | 6.5 | 6.2 | 14.7 | 18.3 | 12.7 | 14.1 | 9.6 | 9.3 | 20.3 |
| Over 500,000 | 10.7 | 10.6 | 20.9 | 19.9 | 13.0 | 19.1 | 17.0 | 10.3 | 22.4 |
| Principal Building Activity | | | | | | | | | |
| Education | 12.3 | 12.4 | 29.0 | 25.9 | 19.2 | 24.6 | 16.2 | 19.0 | 44.4 |
| Food Sales | 17.2 | 19.2 | 41.3 | 32.7 | 45.8 | 100.3 | 81.9 | 29.4 | 36.5 |
| Food Service | 9.3 | 10.3 | 48.2 | 20.2 | 25.2 | 83.4 | 42.2 | 12.3 | 63.9 |
| Health Care | 17.6 | 17.6 | 48.9 | 31.9 | 33.5 | 25.7 | 29.8 | 25.5 | 78.4 |
| Inpatient | 25.6 | 25.6 | 23.8 | 52.0 | 25.1 | 33.4 | 33.6 | 19.0 | 42.0 |
| Outpatient | 19.1 | 19.1 | 51.1 | 32.2 | 41.4 | 39.1 | 43.6 | 27.6 | 86.8 |
| Lodging | 11.4 | 11.5 | 26.9 | 29.3 | 17.7 | 36.4 | 23.5 | 23.6 | 46.5 |
| Mercantile | 9.1 | 9.2 | 31.3 | 15.8 | 19.6 | 100.0 | 31.2 | 13.0 | 35.1 |
| Retail (Other Than Mall) | 10.8 | 11.0 | 48.7 | 16.7 | 20.6 | 100.0 | 33.2 | 17.4 | 36.8 |
| Enclosed and Strip Malls | 17.7 | 18.1 | 36.1 | 38.4 | 23.7 | 0.0 | 23.0 | 17.7 | 39.1 |
| Office | 8.3 | 8.6 | 16.8 | 16.5 | 17.6 | 36.5 | 22.5 | 14.1 | 24.8 |
| Public Assembly | 13.5 | 13.8 | 36.4 | 26.7 | 18.3 | 48.1 | 24.8 | 19.0 | 51.3 |
| Public Order and Safety | 28.1 | 29.3 | 44.0 | 62.4 | 42.3 | 40.1 | 41.9 | 29.0 | 79.4 |
| Religious Worship | 12.1 | 12.1 | 42.2 | 14.2 | 23.0 | 58.8 | 21.2 | 25.2 | 77.1 |
| Service | 12.8 | 14.1 | 34.0 | 20.4 | 21.5 | 47.2 | 30.6 | 20.2 | 30.6 |
| Warehouse and Storage | 12.4 | 13.0 | 26.9 | 20.6 | 20.5 | 63.4 | 49.4 | 19.5 | 57.1 |
| Other | 22.0 | 26.6 | 72.0 | 38.3 | 42.7 | 46.0 | 47.8 | 22.6 | 63.3 |
| Vacant | 14.5 | 24.5 | 57.5 | 34.9 | 49.3 | 100.1 | 68.2 | 59.6 | 62.9 |
| Year Constructed | | | | | | | | | |
| 1919 or Before | 11.3 | 11.7 | 29.6 | 19.4 | 24.7 | 48.4 | 15.1 | 34.4 | 71.8 |
| 1920 to 1945 | 10.9 | 11.7 | 37.7 | 17.1 | 18.1 | 39.8 | 23.1 | 21.1 | 57.9 |
| 1946 to 1959 | 6.7 | 7.1 | 19.0 | 16.2 | 14.3 | 33.9 | 15.1 | 16.3 | 36.7 |
| 1960 to 1969 | 7.4 | 7.7 | 24.0 | 13.3 | 15.6 | 13.8 | 18.7 | 13.1 | 38.7 |
| 1970 to 1979 | 8.1 | 9.2 | 26.4 | 12.8 | 15.6 | 64.8 | 19.3 | 15.3 | 34.8 |
| 1980 to 1989 | 7.4 | 8.0 | 21.1 | 14.8 | 19.4 | 45.7 | 21.9 | 10.0 | 26.6 |
| 1990 to 1999 | 12.9 | 12.2 | 24.6 | 16.8 | 27.1 | 22.6 | 29.8 | 18.7 | 55.9 |
| Census Region | | | | | | | | | |
| Northeast | 8.0 | 8.4 | 26.3 | 16.8 | 18.9 | 32.4 | 10.6 | 14.0 | 37.5 |
| Midwest | 9.7 | 9.8 | 24.7 | 13.0 | 19.5 | 34.6 | 17.2 | 13.0 | 26.5 |
| South | 5.6 | 6.3 | 12.4 | 12.8 | 11.6 | 30.9 | 17.9 | 9.7 | 27.4 |
| West | 10.8 | 10.4 | 28.8 | 17.7 | 12.0 | 24.6 | 18.9 | 13.0 | 32.5 |
| Climate Zone: 45-Year Average | | | | | | | | | |
| Under 2,000 CDD and -- | | | | | | | | | |
| More than 7,000 HDD | 19.0 | 17.8 | 24.8 | 25.0 | 33.3 | 23.8 | 19.3 | 25.0 | 38.1 |
| 5,500-7,000 HDD | 7.0 | 6.9 | 25.7 | 10.2 | 13.3 | 22.3 | 12.8 | 11.3 | 26.5 |
| 4,000-5,499 HDD | 16.8 | 16.8 | 19.3 | 22.8 | 25.0 | 30.0 | 15.7 | 16.3 | 34.1 |
| Fewer than 4,000 HDD | 10.9 | 11.2 | 21.6 | 14.6 | 16.1 | 23.6 | 25.3 | 13.4 | 45.7 |
| 2,000 CDD or More and -- | | | | | | | | | |
| Fewer than 4,000 HDD | 11.1 | 13.0 | 25.2 | 17.7 | 17.3 | 37.1 | 25.6 | 14.8 | 45.6 |

RSEs for Table B32. Heating Equipment, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | | | | | |
|---|------------------------------|----------------------|---|----------|--------------------------|---------------|---------|------|------------------------|-------|
| | All Buildings | All Heated Buildings | Heating Equipment (more than one may apply) | | | | | | Packaged Heating Units | Other |
| | | | Heat Pumps | Furnaces | Individual Space Heaters | District Heat | Boilers | | | |
| Workers (main shift) | | | | | | | | | | |
| Fewer than 5 | 6.0 | 6.4 | 18.0 | 9.0 | 10.4 | 35.2 | 18.3 | 11.1 | 20.9 | |
| 5 to 9 | 7.9 | 8.2 | 21.3 | 14.3 | 14.9 | 43.8 | 18.3 | 14.2 | 37.5 | |
| 10 to 19 | 7.6 | 7.8 | 19.2 | 13.9 | 14.3 | 33.3 | 16.0 | 13.1 | 47.7 | |
| 20 to 49 | 9.0 | 8.9 | 21.9 | 17.5 | 17.4 | 27.7 | 14.6 | 13.0 | 36.4 | |
| 50 to 99 | 10.7 | 10.7 | 26.3 | 22.8 | 15.9 | 41.5 | 10.7 | 11.8 | 47.5 | |
| 100 to 249 | 11.7 | 10.8 | 15.2 | 35.6 | 12.4 | 14.8 | 10.3 | 9.7 | 22.2 | |
| 250 or More | 8.6 | 8.5 | 13.2 | 18.9 | 15.2 | 18.7 | 11.6 | 10.8 | 15.6 | |
| Weekly Operating Hours | | | | | | | | | | |
| 39 or Fewer | 10.3 | 12.1 | 32.3 | 17.5 | 17.6 | 47.4 | 25.1 | 21.2 | 40.6 | |
| 40 to 48 | 5.9 | 5.7 | 15.8 | 12.6 | 15.5 | 31.5 | 17.1 | 10.5 | 31.4 | |
| 49 to 60 | 8.2 | 8.6 | 20.7 | 12.3 | 14.6 | 41.2 | 18.3 | 14.5 | 30.4 | |
| 61 to 84 | 9.6 | 10.4 | 19.3 | 18.2 | 20.1 | 40.4 | 19.6 | 15.3 | 40.3 | |
| 85 to 167 | 7.7 | 7.9 | 21.3 | 18.3 | 20.6 | 19.1 | 23.4 | 10.4 | 47.9 | |
| Open Continuously | 10.4 | 10.5 | 20.5 | 26.4 | 13.6 | 25.7 | 18.4 | 17.5 | 29.3 | |
| Multibuilding Facility Activity | | | | | | | | | | |
| Not Part of a Multibuilding | | | | | | | | | | |
| Facility | 4.6 | 4.8 | 13.6 | 8.2 | 8.2 | 47.4 | 9.1 | 7.8 | 18.7 | |
| College or University | 19.4 | 19.5 | 28.7 | 53.7 | 54.1 | 22.8 | 32.6 | 23.3 | 65.3 | |
| Primary or Secondary School | 17.7 | 18.8 | 38.3 | 30.4 | 27.3 | 50.3 | 32.5 | 24.1 | 82.6 | |
| Office Complex | 18.9 | 21.0 | 37.3 | 40.1 | 27.3 | 41.8 | 52.9 | 21.0 | 44.3 | |
| Retail Complex | 17.0 | 18.6 | 38.1 | 33.0 | 40.4 | 73.3 | 61.3 | 23.3 | 45.5 | |
| Religious Campus or Complex | 19.4 | 19.6 | 57.0 | 24.4 | 28.5 | 46.6 | 33.6 | 36.0 | 86.1 | |
| Health Care Complex | 24.3 | 23.1 | 48.7 | 49.8 | 53.8 | 21.7 | 48.2 | 40.1 | 42.7 | |
| Government Complex | 26.6 | 26.8 | 64.6 | 33.5 | 49.9 | 57.6 | 19.1 | 25.9 | 82.2 | |
| Other | 10.6 | 11.2 | 26.4 | 21.7 | 20.8 | 34.7 | 23.7 | 20.1 | 48.4 | |
| Energy Sources (more than one may apply) | | | | | | | | | | |
| Electricity | 4.1 | 4.2 | 10.5 | 7.4 | 7.0 | 16.5 | 7.9 | 6.3 | 15.1 | |
| Natural Gas | 4.8 | 5.0 | 15.4 | 7.8 | 9.1 | 27.2 | 8.0 | 8.3 | 18.6 | |
| Fuel Oil | 16.7 | 16.8 | 40.3 | 24.5 | 30.4 | 19.4 | 15.5 | 22.9 | 32.5 | |
| District Heat | 15.5 | 15.7 | 53.3 | 64.7 | 35.5 | 16.5 | 69.8 | 52.7 | 36.2 | |
| District Chilled Water | 27.2 | 27.4 | 42.5 | 63.3 | 48.4 | 33.8 | 29.1 | 76.8 | 35.6 | |
| Propane | 15.0 | 15.0 | 36.4 | 23.4 | 24.6 | 45.9 | 16.9 | 20.0 | 27.9 | |
| Other | 18.8 | 19.0 | 61.7 | 35.4 | 30.2 | 41.1 | 30.4 | 32.1 | 35.2 | |
| Space-Heating Energy Sources (more than one may apply) | | | | | | | | | | |
| Electricity | 5.1 | 5.1 | 10.5 | 9.5 | 8.0 | 45.3 | 11.0 | 8.0 | 20.1 | |
| Natural Gas | 5.4 | 5.4 | 17.3 | 8.1 | 9.9 | 50.4 | 9.5 | 8.8 | 19.8 | |
| Fuel Oil | 19.2 | 19.2 | 59.7 | 25.4 | 35.0 | 53.2 | 17.3 | 36.0 | 36.7 | |
| District Heat | 16.5 | 16.5 | 21.9 | 47.8 | 19.5 | 16.5 | 71.5 | 68.7 | 32.9 | |
| Propane | 18.3 | 18.3 | 50.0 | 25.8 | 27.1 | 106.8 | 26.2 | 29.1 | 32.1 | |
| Other | 25.8 | 25.8 | 68.8 | 44.3 | 38.7 | 100.3 | 43.2 | 58.7 | 35.9 | |
| Primary Space-Heating Energy Source | | | | | | | | | | |
| Electricity | 7.1 | 7.1 | 13.2 | 17.0 | 13.9 | 68.6 | 24.9 | 10.3 | 29.1 | |
| Natural Gas | 6.0 | 6.0 | 17.6 | 8.8 | 10.2 | 37.3 | 9.9 | 9.4 | 21.7 | |
| Fuel Oil | 18.8 | 18.8 | 65.7 | 28.2 | 36.7 | 74.1 | 18.1 | 60.0 | 44.9 | |
| District Heat | 16.2 | 16.2 | 23.6 | 65.1 | 21.1 | 16.2 | 91.1 | 23.8 | 36.2 | |
| Propane | 19.1 | 19.1 | 65.2 | 27.8 | 30.2 | 0.0 | 29.2 | 31.6 | 35.9 | |
| Other | 32.6 | 32.6 | 61.8 | 53.7 | 77.9 | 0.0 | 58.6 | 91.9 | 47.7 | |

RSEs for Table B32. Heating Equipment, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | | | | |
|---|------------------------------|----------------------|---|----------|--------------------------|---------------|---------|------------------------|-------|
| | All Buildings | All Heated Buildings | Heating Equipment (more than one may apply) | | | | | | |
| | | | Heat Pumps | Furnaces | Individual Space Heaters | District Heat | Boilers | Packaged Heating Units | Other |
| Energy End Uses (more than one may apply) | | | | | | | | | |
| Buildings with Space Heating | 4.2 | 4.2 | 10.5 | 7.4 | 6.7 | 16.5 | 7.9 | 6.3 | 15.1 |
| Buildings with Cooling | 3.9 | 4.1 | 10.5 | 7.9 | 7.5 | 18.0 | 8.1 | 6.4 | 17.4 |
| Buildings with Water Heating | 4.4 | 4.5 | 11.5 | 7.5 | 7.1 | 17.6 | 8.6 | 7.3 | 16.9 |
| Buildings with Cooking | 5.8 | 6.3 | 18.1 | 15.9 | 10.9 | 33.5 | 11.9 | 9.2 | 29.1 |
| Buildings with Manufacturing | 16.7 | 16.9 | 54.0 | 29.4 | 28.7 | 50.8 | 26.2 | 19.9 | 62.4 |
| Buildings with Electricity Generation | 14.2 | 14.4 | 28.4 | 30.0 | 21.0 | 17.4 | 25.8 | 19.4 | 15.5 |
| Percent of Floorspace Heated | | | | | | | | | |
| Not Heated | 10.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1 to 50 | 10.9 | 10.9 | 29.1 | 19.0 | 17.4 | 74.3 | 26.8 | 20.7 | 33.4 |
| 51 to 99 | 8.2 | 8.2 | 19.7 | 11.0 | 14.9 | 41.4 | 19.1 | 15.9 | 31.8 |
| 100 | 4.8 | 4.8 | 11.6 | 8.8 | 8.0 | 19.4 | 9.1 | 7.2 | 17.9 |
| Heating Equipment (more than one may apply) | | | | | | | | | |
| Heat Pumps | 10.5 | 10.5 | 10.5 | 26.3 | 14.9 | 21.9 | 24.5 | 19.9 | 44.3 |
| Furnaces | 7.4 | 7.4 | 26.3 | 7.4 | 14.6 | 47.8 | 19.5 | 15.2 | 23.0 |
| Individual Space Heaters | 6.7 | 6.7 | 14.9 | 14.6 | 6.7 | 19.5 | 11.8 | 11.2 | 34.8 |
| District Heat | 16.5 | 16.5 | 21.9 | 47.8 | 19.5 | 16.5 | 71.5 | 68.7 | 32.9 |
| Boilers | 7.9 | 7.9 | 24.5 | 19.5 | 11.8 | 71.5 | 7.9 | 10.0 | 41.7 |
| Packaged Heating Units | 6.3 | 6.3 | 19.9 | 15.2 | 11.2 | 68.7 | 10.0 | 6.3 | 30.9 |
| Other | 15.1 | 15.1 | 44.3 | 23.0 | 34.8 | 32.9 | 41.7 | 30.9 | 15.1 |
| Cooling Equipment (more than one may apply) | | | | | | | | | |
| Residential-Type Central | | | | | | | | | |
| Air Conditioners | 10.3 | 10.4 | 30.3 | 11.0 | 18.4 | 21.8 | 25.3 | 23.2 | 39.6 |
| Heat Pumps | 10.4 | 10.3 | 10.1 | 26.5 | 17.2 | 21.0 | 27.2 | 20.4 | 40.2 |
| Individual Air Conditioners | 8.0 | 8.3 | 27.2 | 15.9 | 9.8 | 20.8 | 11.3 | 16.3 | 29.3 |
| District Chilled Water | 27.2 | 27.4 | 42.5 | 63.3 | 48.4 | 33.8 | 29.1 | 76.8 | 35.6 |
| Central Chillers | 14.5 | 14.8 | 15.9 | 30.7 | 19.9 | 26.8 | 18.1 | 12.3 | 13.1 |
| Packaged Air Conditioning | | | | | | | | | |
| Units | 4.7 | 5.0 | 18.9 | 9.1 | 10.8 | 26.3 | 11.1 | 6.4 | 26.0 |
| Swamp Coolers | 17.0 | 20.4 | 44.3 | 26.4 | 29.2 | 68.3 | 35.2 | 28.8 | 56.1 |
| Other | 29.6 | 30.4 | 62.3 | 49.6 | 25.9 | 78.3 | 45.6 | 27.7 | 65.5 |
| Main Equipment Replaced Since 1995 (more than one may apply) | | | | | | | | | |
| Heating | 6.8 | 6.8 | 16.7 | 11.6 | 11.0 | 50.7 | 21.5 | 10.5 | 37.2 |
| Cooling | 5.9 | 6.3 | 13.8 | 10.4 | 13.1 | 23.8 | 13.2 | 10.3 | 37.0 |
| Building Shell Conservation Features (more than one may apply) | | | | | | | | | |
| Multipaned Windows | 6.5 | 6.6 | 13.3 | 10.2 | 9.6 | 24.9 | 9.6 | 9.2 | 22.3 |
| Tinted, Reflective, or Shading Glass | 5.7 | 6.0 | 16.9 | 11.9 | 10.3 | 26.1 | 13.0 | 9.8 | 25.1 |
| HVAC Conservation Features (more than one may apply) | | | | | | | | | |
| Variable Air-Volume System | 9.8 | 9.9 | 23.1 | 16.9 | 17.4 | 15.3 | 18.2 | 11.1 | 22.2 |
| Economizer Cycle | 8.2 | 8.4 | 16.7 | 21.9 | 12.9 | 25.0 | 11.5 | 12.2 | 33.1 |
| HVAC Maintenance | 4.8 | 5.0 | 10.9 | 9.4 | 8.7 | 16.9 | 8.7 | 6.5 | 19.4 |
| Energy Management and Control System (EMCS) | 10.3 | 10.4 | 14.7 | 22.8 | 15.4 | 19.7 | 13.4 | 14.9 | 31.4 |

RSEs for Table B32. Heating Equipment, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | | | | |
|---|------------------------------|----------------------|---|----------|--------------------------|---------------|---------|------------------------|-------|
| | All Buildings | All Heated Buildings | Heating Equipment (more than one may apply) | | | | | | |
| | | | Heat Pumps | Furnaces | Individual Space Heaters | District Heat | Boilers | Packaged Heating Units | Other |
| Off-Hour Equipment Reduction (more than one may apply) | | | | | | | | | |
| Heating | 5.0 | 5.0 | 13.3 | 8.6 | 8.1 | 21.2 | 9.3 | 8.5 | 21.0 |
| Cooling | 4.3 | 4.7 | 12.9 | 8.4 | 8.7 | 22.4 | 9.5 | 7.9 | 23.1 |
| Lighting | 4.4 | 4.7 | 10.9 | 7.9 | 7.2 | 23.4 | 8.6 | 6.9 | 19.1 |
| Office Equipment | 8.5 | 8.8 | 24.8 | 26.0 | 21.3 | 17.2 | 14.8 | 14.9 | 44.5 |

RSEs for Table B33. Heating Equipment, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | | | | |
|--|---------------------------|----------------------|---|----------|--------------------------|---------------|---------|------------------------|-------|
| | All Buildings | All Heated Buildings | Heating Equipment (more than one may apply) | | | | | | |
| | | | Heat Pumps | Furnaces | Individual Space Heaters | District Heat | Boilers | Packaged Heating Units | Other |
| All Buildings | 3.5 | 3.5 | 6.3 | 5.5 | 5.0 | 9.9 | 5.6 | 4.8 | 7.9 |
| Building Floorspace (Square Feet) | | | | | | | | | |
| 1,001 to 5,000 | 6.1 | 6.8 | 17.5 | 10.1 | 12.2 | 47.9 | 18.5 | 11.7 | 23.1 |
| 5,001 to 10,000 | 7.1 | 8.2 | 21.8 | 14.5 | 14.7 | 62.9 | 17.3 | 16.9 | 35.4 |
| 10,001 to 25,000 | 6.8 | 6.6 | 19.0 | 11.8 | 13.3 | 25.7 | 15.4 | 9.3 | 33.7 |
| 25,001 to 50,000 | 6.8 | 7.3 | 14.6 | 13.2 | 10.9 | 21.3 | 10.7 | 9.0 | 20.4 |
| 50,001 to 100,000 | 10.2 | 10.2 | 11.8 | 19.9 | 14.0 | 13.6 | 12.2 | 11.9 | 15.7 |
| 100,001 to 200,000 | 6.4 | 6.5 | 16.5 | 13.1 | 10.9 | 13.0 | 9.6 | 8.8 | 21.2 |
| 200,001 to 500,000 | 6.6 | 6.5 | 14.6 | 20.0 | 13.3 | 15.0 | 9.7 | 10.4 | 22.0 |
| Over 500,000 | 11.1 | 10.9 | 19.4 | 16.1 | 13.4 | 19.4 | 18.4 | 11.9 | 23.1 |
| Principal Building Activity | | | | | | | | | |
| Education | 6.2 | 6.3 | 17.1 | 18.4 | 12.8 | 17.5 | 9.1 | 12.9 | 32.1 |
| Food Sales | 16.0 | 18.6 | 22.1 | 31.5 | 33.2 | 100.3 | 78.9 | 18.3 | 37.7 |
| Food Service | 9.7 | 10.4 | 42.3 | 17.7 | 30.1 | 70.9 | 31.3 | 13.1 | 57.3 |
| Health Care | 7.6 | 7.6 | 18.1 | 23.5 | 19.5 | 19.5 | 10.6 | 12.5 | 35.1 |
| Inpatient | 9.9 | 9.9 | 22.8 | 41.6 | 24.0 | 22.1 | 10.9 | 15.6 | 46.4 |
| Outpatient | 10.3 | 10.3 | 37.5 | 28.0 | 33.8 | 33.8 | 27.2 | 20.2 | 38.2 |
| Lodging | 11.0 | 11.2 | 19.8 | 19.8 | 16.1 | 25.9 | 18.0 | 16.8 | 35.1 |
| Mercantile | 8.8 | 8.8 | 20.4 | 15.4 | 15.9 | 100.0 | 19.4 | 9.3 | 26.9 |
| Retail (Other Than Mall) | 10.7 | 11.1 | 29.6 | 18.3 | 15.1 | 100.0 | 25.1 | 12.5 | 37.9 |
| Enclosed and Strip Malls | 10.3 | 9.7 | 23.0 | 20.5 | 20.2 | 0.0 | 26.3 | 10.4 | 40.1 |
| Office | 6.9 | 7.0 | 10.4 | 15.3 | 8.7 | 15.0 | 11.4 | 10.9 | 11.6 |
| Public Assembly | 10.8 | 11.0 | 28.1 | 21.9 | 16.4 | 22.9 | 18.1 | 16.3 | 35.8 |
| Public Order and Safety | 22.2 | 21.2 | 41.4 | 47.0 | 32.9 | 36.7 | 28.9 | 21.8 | 49.5 |
| Religious Worship | 12.0 | 12.1 | 44.2 | 14.7 | 21.9 | 54.2 | 19.4 | 21.9 | 43.9 |
| Service | 11.8 | 13.6 | 28.2 | 22.4 | 24.7 | 75.7 | 31.1 | 17.1 | 47.4 |
| Warehouse and Storage | 9.4 | 9.2 | 18.4 | 12.5 | 9.4 | 61.7 | 15.2 | 12.9 | 29.3 |
| Other | 13.6 | 15.4 | 56.2 | 31.6 | 27.0 | 42.2 | 25.4 | 23.7 | 59.5 |
| Vacant | 12.2 | 18.9 | 54.9 | 26.3 | 39.2 | 100.1 | 31.7 | 45.4 | 37.2 |
| Year Constructed | | | | | | | | | |
| 1919 or Before | 7.2 | 7.3 | 27.1 | 13.0 | 14.8 | 32.4 | 13.7 | 18.2 | 66.7 |
| 1920 to 1945 | 9.0 | 8.4 | 30.2 | 14.6 | 18.1 | 32.0 | 14.6 | 15.4 | 34.9 |
| 1946 to 1959 | 7.7 | 8.0 | 16.4 | 13.2 | 13.0 | 21.8 | 10.6 | 14.2 | 25.1 |
| 1960 to 1969 | 6.2 | 6.5 | 12.6 | 11.3 | 12.2 | 10.9 | 10.4 | 10.5 | 25.6 |
| 1970 to 1979 | 5.8 | 6.5 | 14.5 | 11.5 | 11.1 | 18.8 | 13.3 | 8.9 | 22.6 |
| 1980 to 1989 | 6.1 | 6.1 | 12.4 | 12.5 | 11.6 | 19.0 | 12.0 | 6.8 | 10.0 |
| 1990 to 1999 | 6.3 | 6.2 | 12.1 | 13.4 | 8.9 | 18.9 | 10.4 | 7.7 | 18.5 |
| Census Region | | | | | | | | | |
| Northeast | 7.7 | 7.8 | 15.8 | 14.5 | 16.3 | 16.4 | 10.0 | 10.3 | 24.0 |
| Midwest | 5.0 | 5.3 | 18.1 | 9.1 | 9.8 | 18.9 | 8.7 | 7.9 | 20.1 |
| South | 5.3 | 5.2 | 7.7 | 10.2 | 5.5 | 20.8 | 7.9 | 6.7 | 15.1 |
| West | 6.0 | 6.2 | 12.1 | 13.5 | 9.9 | 21.8 | 11.9 | 10.6 | 14.4 |
| Climate Zone: 45-Year Average | | | | | | | | | |
| Under 2,000 CDD and -- | | | | | | | | | |
| More than 7,000 HDD | 10.5 | 9.9 | 25.6 | 16.2 | 20.7 | 26.5 | 11.0 | 11.6 | 28.3 |
| 5,500-7,000 HDD | 7.1 | 7.2 | 19.5 | 10.0 | 12.7 | 19.1 | 11.7 | 9.1 | 17.7 |
| 4,000-5,499 HDD | 9.1 | 9.0 | 10.5 | 16.6 | 10.1 | 16.6 | 9.1 | 7.0 | 11.8 |
| Fewer than 4,000 HDD | 8.9 | 8.7 | 12.1 | 12.5 | 11.4 | 24.2 | 14.0 | 10.6 | 26.4 |
| 2,000 CDD or More and -- | | | | | | | | | |
| Fewer than 4,000 HDD | 9.4 | 9.7 | 20.2 | 17.4 | 10.9 | 21.9 | 16.2 | 11.1 | 13.9 |

RSEs for Table B33. Heating Equipment, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | | | | | |
|---|---------------------------|----------------------|---|----------|--------------------------|---------------|---------|------|------------------------|-------|
| | All Buildings | All Heated Buildings | Heating Equipment (more than one may apply) | | | | | | Packaged Heating Units | Other |
| | | | Heat Pumps | Furnaces | Individual Space Heaters | District Heat | Boilers | | | |
| Workers (main shift) | | | | | | | | | | |
| Fewer than 5 | 6.3 | 6.8 | 20.0 | 9.2 | 9.8 | 23.2 | 17.5 | 11.6 | 22.9 | |
| 5 to 9 | 7.6 | 8.0 | 23.3 | 12.5 | 15.0 | 28.7 | 16.5 | 15.3 | 41.4 | |
| 10 to 19 | 6.7 | 7.0 | 16.9 | 13.0 | 12.0 | 28.8 | 16.9 | 10.2 | 30.5 | |
| 20 to 49 | 6.6 | 6.5 | 14.8 | 11.8 | 10.8 | 23.1 | 9.0 | 9.0 | 18.8 | |
| 50 to 99 | 8.9 | 8.9 | 14.3 | 19.6 | 10.9 | 18.9 | 12.7 | 9.1 | 26.2 | |
| 100 to 249 | 7.2 | 7.3 | 16.3 | 16.4 | 14.2 | 21.0 | 9.4 | 9.5 | 22.6 | |
| 250 or More | 6.3 | 6.2 | 12.1 | 15.7 | 11.4 | 13.9 | 9.1 | 9.8 | 15.4 | |
| Weekly Operating Hours | | | | | | | | | | |
| 39 or Fewer | 9.8 | 11.2 | 23.0 | 17.7 | 18.0 | 40.1 | 17.2 | 19.0 | 27.0 | |
| 40 to 48 | 6.1 | 6.2 | 13.1 | 12.4 | 12.4 | 23.0 | 9.3 | 9.7 | 16.4 | |
| 49 to 60 | 6.1 | 6.2 | 10.6 | 8.9 | 10.7 | 16.7 | 12.5 | 9.3 | 14.4 | |
| 61 to 84 | 6.1 | 6.2 | 16.7 | 12.7 | 12.0 | 19.5 | 12.3 | 8.1 | 16.6 | |
| 85 to 167 | 7.0 | 6.8 | 21.1 | 12.3 | 14.3 | 17.6 | 13.1 | 9.5 | 25.4 | |
| Open Continuously | 5.0 | 4.9 | 11.3 | 13.3 | 8.4 | 13.7 | 9.0 | 7.4 | 18.1 | |
| Multibuilding Facility Activity | | | | | | | | | | |
| Not Part of a Multibuilding | | | | | | | | | | |
| Facility | 4.0 | 4.0 | 8.4 | 6.5 | 5.8 | 20.7 | 6.5 | 5.0 | 10.6 | |
| College or University | 12.4 | 12.3 | 26.8 | 35.7 | 24.5 | 16.7 | 16.6 | 28.0 | 30.9 | |
| Primary or Secondary School | 13.1 | 13.5 | 26.2 | 25.2 | 23.9 | 53.3 | 15.6 | 22.0 | 64.1 | |
| Office Complex | 11.1 | 11.1 | 21.1 | 30.9 | 28.6 | 26.6 | 23.6 | 17.8 | 33.5 | |
| Retail Complex | 13.6 | 13.8 | 21.7 | 23.0 | 23.7 | 71.8 | 32.8 | 13.7 | 50.5 | |
| Religious Campus or Complex | 13.4 | 13.6 | 52.3 | 20.9 | 32.2 | 60.3 | 27.9 | 25.9 | 59.9 | |
| Health Care Complex | 11.3 | 11.4 | 20.0 | 37.9 | 25.1 | 19.9 | 13.8 | 18.0 | 43.4 | |
| Government Complex | 21.2 | 21.0 | 39.4 | 34.2 | 28.3 | 35.2 | 21.5 | 25.0 | 41.4 | |
| Other | 9.6 | 9.0 | 18.2 | 18.6 | 13.1 | 31.3 | 16.1 | 12.5 | 33.6 | |
| Energy Sources (more than one may apply) | | | | | | | | | | |
| Electricity | 3.5 | 3.5 | 6.3 | 5.5 | 5.0 | 9.9 | 5.6 | 4.8 | 7.9 | |
| Natural Gas | 3.9 | 3.9 | 8.5 | 5.6 | 5.9 | 13.6 | 5.3 | 5.7 | 11.5 | |
| Fuel Oil | 6.9 | 6.9 | 10.6 | 13.3 | 11.2 | 16.9 | 8.8 | 9.9 | 13.6 | |
| District Heat | 9.9 | 9.8 | 21.1 | 45.6 | 18.4 | 9.9 | 30.5 | 19.9 | 36.6 | |
| District Chilled Water | 12.1 | 12.2 | 33.5 | 57.1 | 22.2 | 14.2 | 28.5 | 25.6 | 30.2 | |
| Propane | 10.9 | 11.2 | 20.6 | 17.4 | 14.1 | 42.1 | 14.3 | 13.8 | 31.7 | |
| Other | 14.0 | 14.2 | 28.3 | 28.6 | 24.8 | 31.1 | 21.3 | 24.8 | 32.7 | |
| Space-Heating Energy Sources (more than one may apply) | | | | | | | | | | |
| Electricity | 4.1 | 4.1 | 6.3 | 7.5 | 5.4 | 15.4 | 5.9 | 5.1 | 9.3 | |
| Natural Gas | 4.2 | 4.2 | 9.2 | 5.7 | 6.1 | 25.9 | 5.9 | 5.8 | 13.5 | |
| Fuel Oil | 10.7 | 10.7 | 17.9 | 16.8 | 21.4 | 38.1 | 10.5 | 13.1 | 31.0 | |
| District Heat | 9.9 | 9.9 | 21.5 | 42.0 | 20.1 | 9.9 | 32.1 | 21.7 | 38.6 | |
| Propane | 18.0 | 18.0 | 32.9 | 25.8 | 23.1 | 91.7 | 28.2 | 23.3 | 38.1 | |
| Other | 21.5 | 21.5 | 49.1 | 43.7 | 30.8 | 100.3 | 32.4 | 41.6 | 31.7 | |
| Primary Space-Heating Energy Source | | | | | | | | | | |
| Electricity | 5.5 | 5.5 | 9.0 | 11.9 | 9.0 | 37.7 | 10.6 | 6.9 | 9.7 | |
| Natural Gas | 4.4 | 4.4 | 11.2 | 6.5 | 6.6 | 22.2 | 6.3 | 6.6 | 13.4 | |
| Fuel Oil | 12.4 | 12.4 | 37.7 | 26.5 | 25.5 | 60.9 | 13.1 | 26.1 | 41.0 | |
| District Heat | 10.3 | 10.3 | 25.3 | 55.0 | 22.1 | 10.3 | 51.2 | 24.6 | 42.0 | |
| Propane | 19.5 | 19.5 | 50.8 | 28.3 | 27.7 | 0.0 | 37.2 | 30.6 | 54.0 | |
| Other | 25.8 | 25.8 | 63.2 | 64.8 | 56.9 | 0.0 | 36.4 | 68.1 | 37.4 | |

RSEs for Table B33. Heating Equipment, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | | | | |
|---|---------------------------|----------------------|---|----------|--------------------------|---------------|---------|------------------------|-------|
| | All Buildings | All Heated Buildings | Heating Equipment (more than one may apply) | | | | | | |
| | | | Heat Pumps | Furnaces | Individual Space Heaters | District Heat | Boilers | Packaged Heating Units | Other |
| Energy End Uses (more than one may apply) | | | | | | | | | |
| Buildings with Space Heating | 3.5 | 3.5 | 6.3 | 5.5 | 5.0 | 9.9 | 5.6 | 4.8 | 7.9 |
| Buildings with Cooling | 3.8 | 3.9 | 6.4 | 6.2 | 5.3 | 9.9 | 5.8 | 4.9 | 8.6 |
| Buildings with Water Heating | 3.7 | 3.7 | 6.8 | 5.6 | 5.2 | 10.1 | 5.7 | 4.9 | 8.1 |
| Buildings with Cooking | 4.4 | 4.4 | 7.9 | 8.5 | 7.6 | 15.5 | 7.0 | 5.6 | 12.8 |
| Buildings with Manufacturing | 12.7 | 12.9 | 29.2 | 20.6 | 19.6 | 58.7 | 27.7 | 15.3 | 34.4 |
| Buildings with Electricity Generation | 7.4 | 7.5 | 10.9 | 15.7 | 11.4 | 15.6 | 10.3 | 10.0 | 14.4 |
| Percent of Floorspace Heated | | | | | | | | | |
| Not Heated | 11.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1 to 50 | 8.0 | 8.0 | 16.4 | 12.4 | 10.4 | 40.6 | 19.0 | 11.1 | 27.6 |
| 51 to 99 | 7.1 | 7.1 | 12.8 | 11.2 | 11.5 | 24.9 | 11.6 | 11.5 | 17.6 |
| 100 | 4.0 | 4.0 | 8.0 | 6.6 | 6.1 | 9.8 | 6.5 | 5.4 | 9.1 |
| Heating Equipment (more than one may apply) | | | | | | | | | |
| Heat Pumps | 6.3 | 6.3 | 6.3 | 16.2 | 12.3 | 21.5 | 9.8 | 9.6 | 24.7 |
| Furnaces | 5.5 | 5.5 | 16.2 | 5.5 | 8.6 | 42.0 | 10.0 | 7.9 | 31.5 |
| Individual Space Heaters | 5.0 | 5.0 | 12.3 | 8.6 | 5.0 | 20.1 | 8.2 | 7.0 | 19.0 |
| District Heat | 9.9 | 9.9 | 21.5 | 42.0 | 20.1 | 9.9 | 32.1 | 21.7 | 38.6 |
| Boilers | 5.6 | 5.6 | 9.8 | 10.0 | 8.2 | 32.1 | 5.6 | 8.3 | 26.6 |
| Packaged Heating Units | 4.8 | 4.8 | 9.6 | 7.9 | 7.0 | 21.7 | 8.3 | 4.8 | 19.6 |
| Other | 7.9 | 7.9 | 24.7 | 31.5 | 19.0 | 38.6 | 26.6 | 19.6 | 7.9 |
| Cooling Equipment (more than one may apply) | | | | | | | | | |
| Residential-Type Central | | | | | | | | | |
| Air Conditioners | 6.8 | 6.8 | 11.6 | 9.0 | 9.2 | 28.7 | 13.1 | 8.6 | 26.0 |
| Heat Pumps | 6.5 | 6.6 | 6.5 | 16.3 | 12.0 | 20.8 | 10.5 | 10.1 | 21.1 |
| Individual Air Conditioners | 5.9 | 6.1 | 17.8 | 11.5 | 8.2 | 19.6 | 8.8 | 10.1 | 15.4 |
| District Chilled Water | 12.1 | 12.2 | 33.5 | 57.1 | 22.2 | 14.2 | 28.5 | 25.6 | 30.2 |
| Central Chillers | 6.0 | 6.1 | 11.7 | 13.3 | 9.7 | 15.3 | 7.7 | 9.3 | 13.7 |
| Packaged Air Conditioning | | | | | | | | | |
| Units | 4.0 | 4.2 | 9.2 | 6.2 | 6.3 | 13.6 | 5.9 | 5.0 | 14.5 |
| Swamp Coolers | 17.5 | 17.8 | 24.1 | 22.1 | 20.8 | 55.0 | 24.6 | 21.0 | 68.9 |
| Other | 16.3 | 17.3 | 34.2 | 24.1 | 26.4 | 26.8 | 25.6 | 29.3 | 23.6 |
| Main Equipment Replaced Since 1995 (more than one may apply) | | | | | | | | | |
| Heating | 7.6 | 7.6 | 12.4 | 10.2 | 9.9 | 43.6 | 11.2 | 9.6 | 26.3 |
| Cooling | 5.5 | 5.4 | 9.6 | 9.9 | 7.9 | 25.2 | 9.1 | 7.6 | 19.4 |
| Building Shell Conservation Features (more than one may apply) | | | | | | | | | |
| Multipaned Windows | 4.5 | 4.5 | 6.6 | 6.8 | 5.8 | 12.8 | 5.9 | 5.1 | 11.4 |
| Tinted, Reflective, or Shading Glass | 4.8 | 5.1 | 8.5 | 8.4 | 6.3 | 12.4 | 8.3 | 6.3 | 9.7 |
| HVAC Conservation Features (more than one may apply) | | | | | | | | | |
| Variable Air-Volume System | 5.4 | 5.5 | 11.2 | 8.8 | 9.2 | 10.6 | 8.5 | 6.9 | 12.8 |
| Economizer Cycle | 5.2 | 5.2 | 8.7 | 8.3 | 7.9 | 10.5 | 7.4 | 6.5 | 13.9 |
| HVAC Maintenance | 3.9 | 4.0 | 7.3 | 7.1 | 5.8 | 9.6 | 5.8 | 4.9 | 9.9 |
| Energy Management and Control System (EMCS) | 5.4 | 5.5 | 9.0 | 11.5 | 8.0 | 9.6 | 8.6 | 6.9 | 12.1 |

RSEs for Table B33. Heating Equipment, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | | | | |
|---|---------------------------|----------------------|---|----------|--------------------------|---------------|---------|------------------------|-------|
| | All Buildings | All Heated Buildings | Heating Equipment (more than one may apply) | | | | | | |
| | | | Heat Pumps | Furnaces | Individual Space Heaters | District Heat | Boilers | Packaged Heating Units | Other |
| Off-Hour Equipment Reduction (more than one may apply) | | | | | | | | | |
| Heating | 4.0 | 4.0 | 7.6 | 6.6 | 6.3 | 11.7 | 6.9 | 5.4 | 10.0 |
| Cooling | 4.4 | 4.6 | 7.9 | 7.6 | 6.6 | 12.2 | 7.9 | 5.6 | 10.2 |
| Lighting | 4.0 | 4.1 | 7.3 | 6.3 | 6.7 | 11.1 | 6.7 | 5.6 | 8.4 |
| Office Equipment | 6.1 | 6.2 | 13.3 | 18.4 | 14.0 | 21.0 | 8.8 | 9.6 | 20.7 |

RSEs for Table B34. Cooling Equipment, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | | | | | |
|--|------------------------------|----------------------|---|------------|-----------------------------|------------------------|------------------|---------------------------------|---------------|-------|
| | All Buildings | All Cooled Buildings | Cooling Equipment (more than one may apply) | | | | | | | |
| | | | Residential-Type Central Air Conditioners | Heat Pumps | Individual Air Conditioners | District Chilled Water | Central Chillers | Packaged Air Conditioning Units | Swamp Coolers | Other |
| All Buildings | 4.2 | 3.9 | 10.3 | 10.4 | 8.0 | 27.2 | 14.5 | 4.7 | 17.0 | 29.6 |
| Building Floorspace (Square Feet) | | | | | | | | | | |
| 1,001 to 5,000 | 6.8 | 6.3 | 13.8 | 15.8 | 12.5 | 75.7 | 66.5 | 8.7 | 17.8 | 68.7 |
| 5,001 to 10,000 | 6.7 | 8.6 | 19.2 | 20.8 | 18.5 | 82.1 | 60.0 | 11.6 | 37.7 | 56.5 |
| 10,001 to 25,000 | 7.1 | 7.3 | 22.0 | 19.6 | 15.6 | 21.3 | 15.7 | 7.6 | 32.6 | 38.9 |
| 25,001 to 50,000 | 6.9 | 8.0 | 14.6 | 14.0 | 11.7 | 28.4 | 17.2 | 8.4 | 44.7 | 25.7 |
| 50,001 to 100,000 | 10.3 | 10.4 | 17.8 | 11.6 | 14.1 | 14.5 | 16.7 | 10.7 | 30.0 | 24.4 |
| 100,001 to 200,000 | 6.3 | 6.7 | 18.6 | 15.9 | 12.0 | 15.2 | 12.6 | 6.4 | 22.1 | 29.8 |
| 200,001 to 500,000 | 6.5 | 6.4 | 20.4 | 14.7 | 13.7 | 21.9 | 9.7 | 8.3 | 39.3 | 39.5 |
| Over 500,000 | 10.7 | 11.6 | 27.7 | 21.7 | 18.4 | 28.3 | 12.4 | 10.7 | 56.0 | 46.9 |
| Principal Building Activity | | | | | | | | | | |
| Education | 12.3 | 10.9 | 40.4 | 28.4 | 20.1 | 51.7 | 20.4 | 14.0 | 53.5 | 38.9 |
| Food Sales | 17.2 | 18.3 | 45.9 | 38.7 | 48.0 | 0.0 | 59.0 | 22.3 | 82.3 | 83.1 |
| Food Service | 9.3 | 9.8 | 32.6 | 48.2 | 23.3 | 100.0 | 48.7 | 9.6 | 36.3 | 100.1 |
| Health Care | 17.6 | 17.6 | 52.5 | 44.6 | 47.0 | 18.4 | 12.6 | 21.1 | 38.5 | 84.4 |
| Inpatient | 25.6 | 25.9 | 28.5 | 24.0 | 54.9 | 25.4 | 13.0 | 15.9 | 62.8 | 81.4 |
| Outpatient | 19.1 | 19.1 | 55.8 | 46.5 | 66.5 | 33.3 | 30.1 | 22.4 | 48.6 | 101.9 |
| Lodging | 11.4 | 13.6 | 23.2 | 27.9 | 15.0 | 57.1 | 37.3 | 22.8 | 56.1 | 44.2 |
| Mercantile | 9.1 | 9.7 | 26.4 | 30.9 | 20.0 | 97.3 | 27.0 | 9.7 | 40.8 | 48.6 |
| Retail (Other Than Mall) | 10.8 | 11.7 | 27.0 | 46.8 | 21.7 | 100.0 | 44.0 | 13.4 | 47.2 | 57.8 |
| Enclosed and Strip Malls | 17.7 | 17.9 | 63.1 | 36.9 | 58.4 | 100.1 | 22.5 | 17.6 | 40.0 | 71.2 |
| Office | 8.3 | 8.4 | 21.3 | 16.2 | 24.2 | 20.6 | 12.8 | 11.8 | 41.3 | 45.8 |
| Public Assembly | 13.5 | 14.8 | 31.3 | 35.8 | 30.5 | 65.9 | 41.5 | 17.4 | 74.1 | 55.0 |
| Public Order and Safety | 28.1 | 22.7 | 43.5 | 46.2 | 46.2 | 48.6 | 30.3 | 24.9 | 100.1 | 67.3 |
| Religious Worship | 12.1 | 15.3 | 28.1 | 35.1 | 26.2 | 70.4 | 59.4 | 16.9 | 68.7 | 62.0 |
| Service | 12.8 | 15.4 | 32.0 | 32.9 | 28.0 | 100.0 | 49.9 | 17.6 | 45.2 | 85.6 |
| Warehouse and Storage | 12.4 | 14.3 | 24.3 | 28.4 | 23.0 | 102.9 | 82.3 | 18.0 | 56.2 | 37.7 |
| Other | 22.0 | 28.6 | 65.9 | 72.0 | 62.5 | 57.4 | 34.6 | 20.2 | 72.9 | 69.9 |
| Vacant | 14.5 | 28.8 | 83.6 | 57.5 | 56.8 | 0.0 | 49.9 | 46.1 | 87.6 | 124.9 |
| Year Constructed | | | | | | | | | | |
| 1919 or Before | 11.3 | 11.4 | 26.3 | 64.2 | 19.7 | 78.1 | 52.7 | 21.4 | 61.5 | 84.9 |
| 1920 to 1945 | 10.9 | 12.7 | 26.2 | 35.9 | 14.7 | 38.6 | 36.8 | 17.2 | 49.5 | 50.2 |
| 1946 to 1959 | 6.7 | 7.2 | 21.8 | 19.8 | 15.6 | 29.6 | 15.6 | 12.4 | 35.3 | 34.0 |
| 1960 to 1969 | 7.4 | 7.8 | 22.5 | 24.4 | 16.7 | 14.6 | 23.1 | 10.8 | 40.2 | 52.5 |
| 1970 to 1979 | 8.1 | 8.7 | 20.1 | 24.9 | 19.1 | 69.2 | 13.6 | 12.3 | 34.3 | 54.9 |
| 1980 to 1989 | 7.4 | 7.7 | 17.0 | 21.9 | 21.0 | 50.8 | 23.6 | 9.4 | 48.7 | 50.6 |
| 1990 to 1999 | 12.9 | 12.1 | 28.3 | 24.7 | 25.2 | 34.2 | 41.0 | 16.7 | 33.0 | 92.9 |
| Census Region | | | | | | | | | | |
| Northeast | 8.0 | 10.0 | 21.8 | 21.4 | 23.0 | 30.4 | 17.4 | 10.6 | 46.1 | 79.3 |
| Midwest | 9.7 | 9.5 | 15.2 | 23.9 | 13.3 | 49.8 | 18.0 | 10.1 | 65.2 | 52.2 |
| South | 5.6 | 5.4 | 17.1 | 12.1 | 10.6 | 52.5 | 28.0 | 7.9 | 62.8 | 50.6 |
| West | 10.8 | 8.7 | 30.6 | 30.0 | 24.8 | 33.1 | 24.8 | 8.7 | 17.3 | 54.4 |
| Climate Zone: 45-Year Average | | | | | | | | | | |
| Under 2,000 CDD and -- | | | | | | | | | | |
| More than 7,000 HDD | 19.0 | 14.0 | 23.9 | 24.0 | 21.2 | 49.3 | 36.5 | 15.0 | 95.7 | 80.6 |
| 5,500-7,000 HDD | 7.0 | 8.7 | 12.6 | 22.3 | 17.8 | 32.8 | 13.7 | 7.7 | 54.5 | 50.2 |
| 4,000-5,499 HDD | 16.8 | 15.0 | 28.8 | 20.9 | 20.1 | 52.6 | 33.1 | 14.0 | 62.5 | 77.9 |
| Fewer than 4,000 HDD | 10.9 | 9.9 | 22.3 | 21.8 | 22.0 | 18.7 | 22.1 | 11.6 | 28.7 | 61.2 |
| 2,000 CDD or More and -- | | | | | | | | | | |
| Fewer than 4,000 HDD | 11.1 | 10.7 | 24.6 | 23.1 | 16.0 | 49.8 | 27.9 | 11.4 | 51.2 | 59.9 |

RSEs for Table B34. Cooling Equipment, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | | | | | |
|---|------------------------------|----------------------|---|------------|-----------------------------|------------------------|------------------|---------------------------------|---------------|-------|
| | All Buildings | All Cooled Buildings | Cooling Equipment (more than one may apply) | | | | | | | |
| | | | Residential-Type Central Air Conditioners | Heat Pumps | Individual Air Conditioners | District Chilled Water | Central Chillers | Packaged Air Conditioning Units | Swamp Coolers | Other |
| Workers (main shift) | | | | | | | | | | |
| Fewer than 5 | 6.0 | 6.6 | 14.3 | 16.3 | 10.0 | 68.2 | 48.1 | 8.6 | 20.4 | 52.7 |
| 5 to 9 | 7.9 | 8.5 | 20.2 | 21.0 | 19.9 | 49.6 | 39.2 | 9.3 | 34.8 | 72.9 |
| 10 to 19 | 7.6 | 7.9 | 19.5 | 20.1 | 17.1 | 32.6 | 32.4 | 10.7 | 46.1 | 35.5 |
| 20 to 49 | 9.0 | 9.6 | 29.9 | 22.5 | 22.6 | 32.3 | 19.2 | 9.9 | 34.9 | 47.4 |
| 50 to 99 | 10.7 | 10.8 | 35.1 | 25.5 | 23.1 | 43.6 | 15.0 | 11.3 | 25.9 | 31.5 |
| 100 to 249 | 11.7 | 11.9 | 42.7 | 15.3 | 31.7 | 24.3 | 11.6 | 9.7 | 26.7 | 30.4 |
| 250 or More | 8.6 | 8.6 | 16.9 | 13.3 | 14.3 | 23.2 | 10.8 | 9.2 | 34.9 | 22.5 |
| Weekly Operating Hours | | | | | | | | | | |
| 39 or Fewer | 10.3 | 13.6 | 22.5 | 35.2 | 20.7 | 75.6 | 23.3 | 16.7 | 54.1 | 70.4 |
| 40 to 48 | 5.9 | 5.5 | 17.3 | 16.0 | 13.5 | 73.6 | 29.9 | 9.0 | 35.8 | 48.3 |
| 49 to 60 | 8.2 | 8.8 | 16.0 | 17.9 | 16.9 | 48.0 | 31.6 | 12.0 | 45.0 | 60.6 |
| 61 to 84 | 9.6 | 9.8 | 22.2 | 17.0 | 23.6 | 21.0 | 12.8 | 10.8 | 22.4 | 29.4 |
| 85 to 167 | 7.7 | 8.0 | 31.0 | 21.3 | 21.4 | 21.5 | 15.3 | 8.8 | 37.0 | 78.0 |
| Open Continuously | 10.4 | 10.3 | 22.8 | 20.9 | 13.1 | 38.9 | 16.2 | 14.3 | 46.4 | 30.3 |
| Multibuilding Facility Activity | | | | | | | | | | |
| Not Part of a Multibuilding | | | | | | | | | | |
| Facility | 4.6 | 4.9 | 11.3 | 13.5 | 9.5 | 34.4 | 13.6 | 6.1 | 15.4 | 34.8 |
| College or University | 19.4 | 16.0 | 59.2 | 61.8 | 36.4 | 18.2 | 16.6 | 18.1 | 60.3 | 78.2 |
| Primary or Secondary School | 17.7 | 18.0 | 30.0 | 35.0 | 29.8 | 93.5 | 32.9 | 21.5 | 68.3 | 71.5 |
| Office Complex | 18.9 | 21.4 | 64.2 | 36.3 | 43.8 | 68.0 | 62.5 | 18.1 | 46.6 | 38.5 |
| Retail Complex | 17.0 | 18.2 | 56.6 | 38.5 | 47.2 | 93.6 | 37.2 | 20.1 | 62.2 | 96.2 |
| Religious Campus or Complex | 19.4 | 21.9 | 49.8 | 55.5 | 37.7 | 72.3 | 66.3 | 28.3 | 87.4 | 90.0 |
| Health Care Complex | 24.3 | 23.7 | 69.1 | 49.0 | 24.3 | 23.6 | 13.3 | 33.6 | 73.6 | 84.4 |
| Government Complex | 26.6 | 29.5 | 75.9 | 66.7 | 58.2 | 74.0 | 25.0 | 24.1 | 100.0 | 93.0 |
| Other | 10.6 | 10.8 | 23.9 | 27.3 | 19.3 | 61.5 | 39.1 | 15.9 | 42.2 | 44.2 |
| Energy Sources (more than one may apply) | | | | | | | | | | |
| Electricity | 4.1 | 3.9 | 10.3 | 10.4 | 8.0 | 27.2 | 14.5 | 4.7 | 17.0 | 29.6 |
| Natural Gas | 4.8 | 4.9 | 11.3 | 16.8 | 10.5 | 33.0 | 17.0 | 6.1 | 18.9 | 31.6 |
| Fuel Oil | 16.7 | 18.9 | 35.8 | 38.3 | 23.6 | 22.6 | 10.2 | 18.4 | 31.4 | 27.7 |
| District Heat | 15.5 | 16.6 | 25.3 | 53.8 | 24.8 | 31.5 | 25.4 | 23.9 | 66.5 | 53.6 |
| District Chilled Water | 27.2 | 27.2 | 59.5 | 41.1 | 59.4 | 27.2 | 34.3 | 60.6 | 84.2 | 49.9 |
| Propane | 15.0 | 15.5 | 34.7 | 38.4 | 22.6 | 52.2 | 30.6 | 16.5 | 40.1 | 86.6 |
| Other | 18.8 | 22.2 | 41.6 | 61.1 | 41.0 | 49.9 | 26.8 | 21.5 | 68.0 | 76.4 |
| Cooling Energy Sources (more than one may apply) | | | | | | | | | | |
| Electricity | 4.0 | 4.0 | 10.3 | 10.4 | 8.0 | 48.0 | 14.8 | 4.7 | 16.9 | 30.4 |
| Natural Gas | 18.3 | 18.3 | 55.4 | 49.8 | 47.5 | 92.2 | 24.2 | 23.3 | 57.0 | 74.6 |
| District Chilled Water | 27.2 | 27.2 | 59.5 | 41.1 | 59.4 | 27.2 | 34.3 | 60.6 | 84.2 | 49.9 |
| Energy End Uses (more than one may apply) | | | | | | | | | | |
| Buildings with Space Heating | 4.2 | 4.1 | 10.4 | 10.3 | 8.3 | 27.4 | 14.8 | 5.0 | 20.4 | 30.4 |
| Buildings with Cooling | 3.9 | 3.9 | 10.3 | 10.4 | 8.0 | 27.2 | 14.5 | 4.7 | 17.0 | 29.6 |
| Buildings with Water Heating | 4.4 | 4.4 | 12.1 | 12.3 | 8.8 | 21.9 | 15.0 | 5.7 | 19.5 | 29.5 |
| Buildings with Cooking | 5.8 | 6.1 | 26.9 | 19.4 | 12.6 | 21.3 | 16.4 | 7.6 | 27.5 | 26.6 |
| Buildings with Manufacturing | 16.7 | 17.5 | 42.2 | 51.7 | 29.9 | 100.2 | 33.6 | 20.2 | 64.4 | 100.0 |
| Buildings with Electricity Generation | 14.2 | 13.1 | 42.5 | 29.3 | 23.4 | 18.3 | 31.3 | 15.6 | 29.4 | 24.0 |
| Percent of Floorspace Cooled | | | | | | | | | | |
| Not Cooled | 10.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1 to 50 | 9.1 | 9.1 | 13.9 | 22.3 | 12.5 | 37.2 | 61.8 | 11.1 | 28.9 | 54.9 |
| 51 to 99 | 6.9 | 6.9 | 15.9 | 15.1 | 13.8 | 27.7 | 12.9 | 10.3 | 36.8 | 43.2 |
| 100 | 4.5 | 4.5 | 16.5 | 12.6 | 12.8 | 32.8 | 15.2 | 6.4 | 21.7 | 53.6 |

RSEs for Table B34. Cooling Equipment, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | | | | | |
|---|------------------------------|----------------------|---|------------|-----------------------------|------------------------|------------------|---------------------------------|---------------|-------|
| | All Buildings | All Cooled Buildings | Cooling Equipment (more than one may apply) | | | | | | | |
| | | | Residential-Type Central Air Conditioners | Heat Pumps | Individual Air Conditioners | District Chilled Water | Central Chillers | Packaged Air Conditioning Units | Swamp Coolers | Other |
| Heating Equipment (more than one may apply) | | | | | | | | | | |
| Heat Pumps | 10.5 | 10.5 | 30.3 | 10.1 | 27.2 | 42.5 | 15.9 | 18.9 | 44.3 | 62.3 |
| Furnaces | 7.4 | 7.9 | 11.0 | 26.5 | 15.9 | 63.3 | 30.7 | 9.1 | 26.4 | 49.6 |
| Individual Space Heaters | 6.7 | 7.5 | 18.4 | 17.2 | 9.8 | 48.4 | 19.9 | 10.8 | 29.2 | 25.9 |
| District Heat | 16.5 | 18.0 | 21.8 | 21.0 | 20.8 | 33.8 | 26.8 | 26.3 | 68.3 | 78.3 |
| Boilers | 7.9 | 8.1 | 25.3 | 27.2 | 11.3 | 29.1 | 18.1 | 11.1 | 35.2 | 45.6 |
| Packaged Heating Units | 6.3 | 6.4 | 23.2 | 20.4 | 16.3 | 76.8 | 12.3 | 6.4 | 28.8 | 27.7 |
| Other | 15.1 | 17.4 | 39.6 | 40.2 | 29.3 | 35.6 | 13.1 | 26.0 | 56.1 | 65.5 |
| Cooling Equipment (more than one may apply) | | | | | | | | | | |
| Residential-Type Central Air Conditioners | 10.3 | 10.3 | 10.3 | 31.1 | 18.3 | 59.5 | 16.2 | 20.9 | 57.6 | 43.2 |
| Heat Pumps | 10.4 | 10.4 | 31.1 | 10.4 | 25.9 | 41.1 | 15.4 | 17.4 | 34.7 | 62.2 |
| Individual Air Conditioners | 8.0 | 8.0 | 18.3 | 25.9 | 8.0 | 59.4 | 24.7 | 13.6 | 49.6 | 74.2 |
| District Chilled Water | 27.2 | 27.2 | 59.5 | 41.1 | 59.4 | 27.2 | 34.3 | 60.6 | 84.2 | 49.9 |
| Central Chillers | 14.5 | 14.5 | 16.2 | 15.4 | 24.7 | 34.3 | 14.5 | 13.8 | 25.7 | 46.3 |
| Packaged Air Conditioning Units | 4.7 | 4.7 | 20.9 | 17.4 | 13.6 | 60.6 | 13.8 | 4.7 | 29.2 | 47.1 |
| Swamp Coolers | 17.0 | 17.0 | 57.6 | 34.7 | 49.6 | 84.2 | 25.7 | 29.2 | 17.0 | 53.0 |
| Other | 29.6 | 29.6 | 43.2 | 62.2 | 74.2 | 49.9 | 46.3 | 47.1 | 53.0 | 29.6 |
| Main Equipment Replaced Since 1995 (more than one may apply) | | | | | | | | | | |
| Heating | 6.8 | 7.2 | 15.8 | 16.8 | 14.7 | 74.2 | 21.3 | 8.7 | 33.7 | 61.3 |
| Cooling | 5.9 | 5.9 | 16.9 | 13.7 | 11.9 | 77.6 | 16.5 | 7.8 | 21.0 | 55.2 |
| Building Shell Conservation Features (more than one may apply) | | | | | | | | | | |
| Multipaned Windows | 6.5 | 6.0 | 13.6 | 13.3 | 11.8 | 33.0 | 19.3 | 7.3 | 35.4 | 37.9 |
| Tinted, Reflective, or Shading Glass | 5.7 | 5.7 | 16.8 | 16.6 | 14.4 | 32.4 | 22.0 | 8.3 | 26.3 | 33.8 |
| HVAC Conservation Features (more than one may apply) | | | | | | | | | | |
| Variable Air-Volume System | 9.8 | 9.3 | 23.8 | 21.3 | 23.7 | 23.0 | 22.1 | 10.6 | 41.4 | 37.9 |
| Economizer Cycle | 8.2 | 8.2 | 32.9 | 15.2 | 21.0 | 31.8 | 13.3 | 9.1 | 34.5 | 45.8 |
| HVAC Maintenance | 4.8 | 4.7 | 13.4 | 12.1 | 11.4 | 27.9 | 14.9 | 4.8 | 22.4 | 28.9 |
| Energy Management and Control System (EMCS) | 10.3 | 10.5 | 31.7 | 17.5 | 20.5 | 27.8 | 10.6 | 13.6 | 41.2 | 33.4 |
| Off-Hour Equipment Reduction (more than one may apply) | | | | | | | | | | |
| Heating | 5.0 | 5.0 | 11.1 | 13.2 | 10.5 | 34.7 | 19.9 | 6.7 | 24.5 | 35.1 |
| Cooling | 4.3 | 4.3 | 10.9 | 12.9 | 10.3 | 36.6 | 19.4 | 5.5 | 20.8 | 32.4 |
| Lighting | 4.4 | 4.3 | 11.0 | 10.9 | 9.2 | 33.2 | 17.9 | 5.1 | 17.2 | 31.6 |
| Office Equipment | 8.5 | 8.9 | 20.8 | 24.0 | 19.4 | 21.9 | 15.7 | 12.2 | 33.2 | 34.4 |

RSEs for Table B35. Cooling Equipment, Floorspace, 1999

| | RSEs for Floorspace | | | | | | | | | |
|--|---------------------|----------------------|---|------------|-----------------------------|------------------------|------------------|---------------------------------|---------------|-------|
| | All Buildings | All Cooled Buildings | Cooling Equipment (more than one may apply) | | | | | | | |
| | | | Residential-Type Central Air Conditioners | Heat Pumps | Individual Air Conditioners | District Chilled Water | Central Chillers | Packaged Air Conditioning Units | Swamp Coolers | Other |
| All Buildings | 3.5 | 3.8 | 6.8 | 6.5 | 5.9 | 12.1 | 6.0 | 4.0 | 17.5 | 16.3 |
| Building Floorspace (Square Feet) | | | | | | | | | | |
| 1,001 to 5,000 | 6.1 | 6.2 | 15.0 | 19.2 | 13.5 | 75.6 | 66.2 | 8.6 | 25.8 | 67.0 |
| 5,001 to 10,000 | 7.1 | 8.9 | 19.4 | 21.0 | 19.2 | 84.9 | 54.4 | 11.7 | 36.8 | 58.7 |
| 10,001 to 25,000 | 6.8 | 6.9 | 20.1 | 19.3 | 16.3 | 21.4 | 14.4 | 6.8 | 31.3 | 30.9 |
| 25,001 to 50,000 | 6.8 | 8.0 | 14.8 | 15.4 | 11.2 | 29.9 | 16.0 | 8.5 | 46.7 | 24.3 |
| 50,001 to 100,000 | 10.2 | 10.2 | 18.1 | 11.5 | 13.7 | 14.5 | 16.4 | 10.7 | 30.1 | 24.5 |
| 100,001 to 200,000 | 6.4 | 6.6 | 18.5 | 15.9 | 11.1 | 15.8 | 13.3 | 6.3 | 20.2 | 29.5 |
| 200,001 to 500,000 | 6.6 | 6.8 | 21.7 | 15.4 | 14.7 | 19.9 | 10.0 | 8.8 | 40.7 | 40.2 |
| Over 500,000 | 11.1 | 11.9 | 26.7 | 20.2 | 20.9 | 26.3 | 13.6 | 11.7 | 55.1 | 46.4 |
| Principal Building Activity | | | | | | | | | | |
| Education | 6.2 | 6.3 | 19.5 | 16.5 | 11.2 | 15.4 | 13.4 | 10.0 | 46.1 | 32.8 |
| Food Sales | 16.0 | 16.3 | 47.0 | 26.1 | 61.3 | 0.0 | 57.9 | 13.9 | 64.7 | 42.5 |
| Food Service | 9.7 | 10.2 | 31.3 | 42.3 | 27.1 | 100.0 | 60.9 | 11.2 | 39.1 | 100.1 |
| Health Care | 7.6 | 7.2 | 23.0 | 17.9 | 18.4 | 15.6 | 9.4 | 10.3 | 68.1 | 77.3 |
| Inpatient | 9.9 | 9.4 | 26.7 | 22.7 | 18.0 | 19.0 | 10.5 | 11.9 | 76.5 | 76.7 |
| Outpatient | 10.3 | 10.3 | 41.6 | 34.8 | 43.3 | 33.9 | 28.0 | 15.0 | 62.9 | 101.9 |
| Lodging | 11.0 | 11.8 | 22.1 | 19.6 | 14.2 | 34.7 | 25.2 | 14.8 | 37.6 | 52.0 |
| Mercantile | 8.8 | 8.9 | 23.5 | 20.4 | 21.9 | 72.2 | 24.3 | 8.3 | 24.3 | 47.9 |
| Retail (Other Than Mall) | 10.7 | 11.2 | 28.2 | 28.9 | 23.9 | 100.0 | 56.0 | 10.7 | 26.6 | 58.2 |
| Enclosed and Strip Malls | 10.3 | 10.4 | 33.0 | 23.2 | 45.4 | 100.2 | 26.9 | 10.6 | 36.4 | 79.0 |
| Office | 6.9 | 7.0 | 16.2 | 9.7 | 14.6 | 20.8 | 8.6 | 8.1 | 30.4 | 24.4 |
| Public Assembly | 10.8 | 10.5 | 28.5 | 25.2 | 22.9 | 27.0 | 18.6 | 14.2 | 43.0 | 46.8 |
| Public Order and Safety | 22.2 | 18.6 | 20.8 | 40.4 | 32.4 | 48.9 | 26.6 | 21.0 | 100.1 | 61.3 |
| Religious Worship | 12.0 | 14.6 | 23.6 | 33.2 | 23.8 | 75.0 | 75.5 | 17.4 | 57.4 | 53.5 |
| Service | 11.8 | 14.7 | 26.6 | 29.0 | 25.7 | 100.0 | 57.0 | 16.2 | 39.2 | 80.9 |
| Warehouse and Storage | 9.4 | 10.9 | 16.4 | 18.7 | 16.7 | 102.9 | 37.2 | 12.0 | 46.9 | 35.1 |
| Other | 13.6 | 15.5 | 40.5 | 56.2 | 36.7 | 54.1 | 29.8 | 21.0 | 62.3 | 58.6 |
| Vacant | 12.2 | 23.2 | 59.0 | 54.9 | 46.4 | 0.0 | 42.4 | 29.4 | 83.5 | 124.9 |
| Year Constructed | | | | | | | | | | |
| 1919 or Before | 7.2 | 7.8 | 28.0 | 27.7 | 13.0 | 43.7 | 37.6 | 14.7 | 39.1 | 75.8 |
| 1920 to 1945 | 9.0 | 9.2 | 20.1 | 29.4 | 13.9 | 23.0 | 15.7 | 10.4 | 34.5 | 62.9 |
| 1946 to 1959 | 7.7 | 8.3 | 16.5 | 17.4 | 12.2 | 34.4 | 15.3 | 11.4 | 31.5 | 37.6 |
| 1960 to 1969 | 6.2 | 7.3 | 15.3 | 13.7 | 11.8 | 17.1 | 11.8 | 8.5 | 26.3 | 34.1 |
| 1970 to 1979 | 5.8 | 6.0 | 13.3 | 13.5 | 15.8 | 17.7 | 11.0 | 6.4 | 34.8 | 36.5 |
| 1980 to 1989 | 6.1 | 6.4 | 11.8 | 12.8 | 14.1 | 24.6 | 10.1 | 7.0 | 36.3 | 26.7 |
| 1990 to 1999 | 6.3 | 6.6 | 19.9 | 12.3 | 12.4 | 20.5 | 10.2 | 7.5 | 23.8 | 24.5 |
| Census Region | | | | | | | | | | |
| Northeast | 7.7 | 8.5 | 11.9 | 17.1 | 13.1 | 25.2 | 12.5 | 8.9 | 59.8 | 36.9 |
| Midwest | 5.0 | 6.0 | 9.9 | 19.8 | 9.7 | 26.1 | 8.9 | 6.7 | 35.3 | 30.8 |
| South | 5.3 | 5.5 | 13.4 | 7.1 | 9.7 | 20.1 | 12.0 | 5.7 | 41.4 | 19.9 |
| West | 6.0 | 6.5 | 18.1 | 12.3 | 15.4 | 18.2 | 11.2 | 9.0 | 21.3 | 27.1 |
| Climate Zone: 45-Year Average | | | | | | | | | | |
| Under 2,000 CDD and -- | | | | | | | | | | |
| More than 7,000 HDD | 10.5 | 8.2 | 13.8 | 26.9 | 15.3 | 49.2 | 18.8 | 10.0 | 64.0 | 56.2 |
| 5,500-7,000 HDD | 7.1 | 8.6 | 14.7 | 20.9 | 10.9 | 25.1 | 9.3 | 7.4 | 42.3 | 38.9 |
| 4,000-5,499 HDD | 9.1 | 8.6 | 20.2 | 11.1 | 12.4 | 21.5 | 10.5 | 8.4 | 43.1 | 29.2 |
| Fewer than 4,000 HDD | 8.9 | 9.1 | 17.3 | 12.0 | 18.7 | 26.1 | 16.9 | 10.1 | 26.5 | 23.4 |
| 2,000 CDD or More and -- | | | | | | | | | | |
| Fewer than 4,000 HDD | 9.4 | 9.2 | 20.3 | 18.3 | 15.2 | 19.4 | 12.0 | 9.6 | 35.1 | 33.5 |

RSEs for Table B35. Cooling Equipment, Floorspace, 1999

| | RSEs for Floorspace | | | | | | | | | |
|---|---------------------|----------------------|---|------------|-----------------------------|------------------------|------------------|---------------------------------|---------------|-------|
| | All Buildings | All Cooled Buildings | Cooling Equipment (more than one may apply) | | | | | | | |
| | | | Residential-Type Central Air Conditioners | Heat Pumps | Individual Air Conditioners | District Chilled Water | Central Chillers | Packaged Air Conditioning Units | Swamp Coolers | Other |
| Workers (main shift) | | | | | | | | | | |
| Fewer than 5 | 6.3 | 7.6 | 16.2 | 18.4 | 12.2 | 38.5 | 32.9 | 9.4 | 27.8 | 49.5 |
| 5 to 9 | 7.6 | 8.7 | 14.6 | 22.7 | 18.9 | 49.9 | 43.1 | 11.2 | 41.8 | 59.6 |
| 10 to 19 | 6.7 | 7.5 | 18.7 | 17.6 | 16.1 | 34.7 | 27.2 | 7.4 | 36.6 | 39.2 |
| 20 to 49 | 6.6 | 7.4 | 16.3 | 14.9 | 13.6 | 29.6 | 15.2 | 7.5 | 26.7 | 26.2 |
| 50 to 99 | 8.9 | 8.8 | 19.4 | 14.1 | 11.6 | 20.5 | 16.7 | 8.9 | 24.1 | 31.7 |
| 100 to 249 | 7.2 | 7.2 | 22.3 | 16.5 | 9.7 | 22.6 | 9.6 | 9.0 | 23.3 | 34.9 |
| 250 or More | 6.3 | 6.4 | 18.4 | 12.2 | 12.9 | 17.5 | 8.0 | 8.2 | 36.5 | 26.4 |
| Weekly Operating Hours | | | | | | | | | | |
| 39 or Fewer | 9.8 | 12.9 | 22.5 | 25.5 | 21.6 | 58.0 | 26.1 | 15.7 | 48.6 | 60.6 |
| 40 to 48 | 6.1 | 6.3 | 16.1 | 12.7 | 11.5 | 28.9 | 16.3 | 7.4 | 32.5 | 27.1 |
| 49 to 60 | 6.1 | 6.4 | 13.9 | 10.3 | 13.0 | 21.1 | 11.8 | 7.6 | 40.3 | 34.0 |
| 61 to 84 | 6.1 | 6.4 | 15.0 | 15.0 | 16.7 | 17.9 | 13.5 | 6.7 | 22.6 | 26.3 |
| 85 to 167 | 7.0 | 7.1 | 17.6 | 20.8 | 15.3 | 21.0 | 13.3 | 7.7 | 30.2 | 33.4 |
| Open Continuously | 5.0 | 5.4 | 10.8 | 11.2 | 9.5 | 17.1 | 9.1 | 7.0 | 28.4 | 28.5 |
| Multibuilding Facility Activity | | | | | | | | | | |
| Not Part of a Multibuilding | | | | | | | | | | |
| Facility | 4.0 | 4.3 | 8.6 | 8.4 | 7.7 | 24.6 | 8.0 | 4.6 | 17.5 | 17.9 |
| College or University | 12.4 | 12.1 | 30.6 | 29.1 | 24.5 | 18.4 | 13.1 | 16.7 | 59.2 | 48.8 |
| Primary or Secondary School | 13.1 | 13.0 | 30.5 | 24.9 | 18.9 | 49.6 | 23.0 | 18.0 | 60.9 | 71.4 |
| Office Complex | 11.1 | 11.6 | 44.0 | 23.9 | 26.5 | 33.2 | 15.6 | 11.9 | 32.7 | 49.3 |
| Retail Complex | 13.6 | 13.9 | 36.1 | 20.8 | 33.8 | 59.9 | 37.8 | 14.0 | 44.1 | 59.2 |
| Religious Campus or Complex | 13.4 | 16.4 | 38.9 | 46.6 | 37.7 | 77.7 | 52.4 | 19.8 | 97.5 | 65.5 |
| Health Care Complex | 11.3 | 11.2 | 26.5 | 20.9 | 18.8 | 17.1 | 12.2 | 14.1 | 83.0 | 77.3 |
| Government Complex | 21.2 | 19.9 | 46.8 | 40.5 | 35.1 | 39.1 | 27.2 | 25.0 | 100.0 | 79.3 |
| Other | 9.6 | 8.8 | 19.1 | 18.7 | 13.4 | 31.2 | 22.7 | 11.4 | 34.8 | 40.2 |
| Energy Sources (more than one may apply) | | | | | | | | | | |
| Electricity | 3.5 | 3.8 | 6.8 | 6.5 | 5.9 | 12.1 | 6.0 | 4.0 | 17.5 | 16.3 |
| Natural Gas | 3.9 | 4.3 | 7.0 | 9.0 | 6.4 | 14.6 | 6.9 | 4.8 | 18.2 | 18.9 |
| Fuel Oil | 6.9 | 7.4 | 13.3 | 12.5 | 10.9 | 17.4 | 8.5 | 8.0 | 32.9 | 28.4 |
| District Heat | 9.9 | 9.9 | 26.6 | 20.3 | 18.0 | 14.4 | 15.1 | 13.5 | 48.9 | 23.7 |
| District Chilled Water | 12.1 | 12.1 | 31.4 | 33.6 | 24.4 | 12.1 | 29.5 | 18.1 | 77.2 | 47.1 |
| Propane | 10.9 | 11.7 | 24.3 | 21.2 | 13.9 | 38.9 | 17.0 | 13.1 | 29.9 | 44.1 |
| Other | 14.0 | 14.5 | 26.0 | 28.0 | 22.1 | 43.2 | 28.1 | 20.4 | 35.2 | 46.5 |
| Cooling Energy Sources (more than one may apply) | | | | | | | | | | |
| Electricity | 4.0 | 4.0 | 6.8 | 6.5 | 5.9 | 15.3 | 6.1 | 4.1 | 17.5 | 16.8 |
| Natural Gas | 12.2 | 12.2 | 29.0 | 27.5 | 23.3 | 70.7 | 20.3 | 14.8 | 44.0 | 69.7 |
| District Chilled Water | 12.1 | 12.1 | 31.4 | 33.6 | 24.4 | 12.1 | 29.5 | 18.1 | 77.2 | 47.1 |
| Energy End Uses (more than one may apply) | | | | | | | | | | |
| Buildings with Space Heating | 3.5 | 3.9 | 6.8 | 6.6 | 6.1 | 12.2 | 6.1 | 4.2 | 17.8 | 17.3 |
| Buildings with Cooling | 3.8 | 3.8 | 6.8 | 6.5 | 5.9 | 12.1 | 6.0 | 4.0 | 17.5 | 16.3 |
| Buildings with Water Heating | 3.7 | 3.9 | 7.5 | 6.8 | 5.7 | 12.5 | 6.2 | 4.2 | 18.4 | 17.3 |
| Buildings with Cooking | 4.4 | 4.3 | 9.7 | 8.3 | 8.7 | 20.0 | 7.4 | 5.2 | 24.2 | 27.4 |
| Buildings with Manufacturing | 12.7 | 13.0 | 29.7 | 25.9 | 23.2 | 100.2 | 31.9 | 14.6 | 35.3 | 100.0 |
| Buildings with Electricity Generation | 7.4 | 7.5 | 14.1 | 11.8 | 12.2 | 16.3 | 9.4 | 8.4 | 28.3 | 26.1 |
| Percent of Floorspace Cooled | | | | | | | | | | |
| Not Cooled | 8.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1 to 50 | 6.9 | 6.9 | 10.7 | 13.7 | 9.8 | 31.6 | 16.5 | 7.4 | 23.9 | 27.8 |
| 51 to 99 | 4.5 | 4.5 | 9.0 | 9.2 | 10.5 | 18.3 | 6.9 | 6.2 | 36.7 | 22.3 |
| 100 | 5.2 | 5.2 | 11.2 | 8.8 | 9.6 | 14.1 | 9.9 | 5.8 | 21.0 | 28.5 |

RSEs for Table B35. Cooling Equipment, Floorspace, 1999

| | RSEs for Floorspace | | | | | | | | | |
|---|---------------------|----------------------|---|------------|-----------------------------|------------------------|------------------|---------------------------------|---------------|-------|
| | All Buildings | All Cooled Buildings | Cooling Equipment (more than one may apply) | | | | | | | |
| | | | Residential-Type Central Air Conditioners | Heat Pumps | Individual Air Conditioners | District Chilled Water | Central Chillers | Packaged Air Conditioning Units | Swamp Coolers | Other |
| Heating Equipment (more than one may apply) | | | | | | | | | | |
| Heat Pumps | 6.3 | 6.4 | 11.6 | 6.5 | 17.8 | 33.5 | 11.7 | 9.2 | 24.1 | 34.2 |
| Furnaces | 5.5 | 6.2 | 9.0 | 16.3 | 11.5 | 57.1 | 13.3 | 6.2 | 22.1 | 24.1 |
| Individual Space Heaters | 5.0 | 5.3 | 9.2 | 12.0 | 8.2 | 22.2 | 9.7 | 6.3 | 20.8 | 26.4 |
| District Heat | 9.9 | 9.9 | 28.7 | 20.8 | 19.6 | 14.2 | 15.3 | 13.6 | 55.0 | 26.8 |
| Boilers | 5.6 | 5.8 | 13.1 | 10.5 | 8.8 | 28.5 | 7.7 | 5.9 | 24.6 | 25.6 |
| Packaged Heating Units | 4.8 | 4.9 | 8.6 | 10.1 | 10.1 | 25.6 | 9.3 | 5.0 | 21.0 | 29.3 |
| Other | 7.9 | 8.6 | 26.0 | 21.1 | 15.4 | 30.2 | 13.7 | 14.5 | 68.9 | 23.6 |
| Cooling Equipment (more than one may apply) | | | | | | | | | | |
| Residential-Type Central Air Conditioners | 6.8 | 6.8 | 6.8 | 11.5 | 11.6 | 31.4 | 14.2 | 7.8 | 29.8 | 54.3 |
| Heat Pumps | 6.5 | 6.5 | 11.5 | 6.5 | 17.6 | 33.6 | 11.4 | 9.1 | 26.7 | 33.4 |
| Individual Air Conditioners | 5.9 | 5.9 | 11.6 | 17.6 | 5.9 | 24.4 | 12.6 | 7.6 | 22.6 | 32.9 |
| District Chilled Water | 12.1 | 12.1 | 31.4 | 33.6 | 24.4 | 12.1 | 29.5 | 18.1 | 77.2 | 47.1 |
| Central Chillers | 6.0 | 6.0 | 14.2 | 11.4 | 12.6 | 29.5 | 6.0 | 7.8 | 28.6 | 34.4 |
| Packaged Air Conditioning Units | 4.0 | 4.0 | 7.8 | 9.1 | 7.6 | 18.1 | 7.8 | 4.0 | 18.6 | 24.4 |
| Swamp Coolers | 17.5 | 17.5 | 29.8 | 26.7 | 22.6 | 77.2 | 28.6 | 18.6 | 17.5 | 59.4 |
| Other | 16.3 | 16.3 | 54.3 | 33.4 | 32.9 | 47.1 | 34.4 | 24.4 | 59.4 | 16.3 |
| Main Equipment Replaced Since 1995 (more than one may apply) | | | | | | | | | | |
| Heating | 7.6 | 8.0 | 13.9 | 12.6 | 13.7 | 35.2 | 12.8 | 8.2 | 23.3 | 34.2 |
| Cooling | 5.5 | 5.5 | 10.2 | 9.5 | 7.8 | 38.9 | 10.0 | 5.8 | 23.6 | 29.3 |
| Building Shell Conservation Features (more than one may apply) | | | | | | | | | | |
| Multipaned Windows | 4.5 | 4.5 | 8.2 | 6.7 | 7.2 | 14.2 | 6.7 | 4.7 | 16.7 | 20.7 |
| Tinted, Reflective, or Shading Glass | 4.8 | 4.9 | 11.0 | 8.2 | 8.3 | 14.9 | 7.8 | 5.5 | 25.4 | 24.1 |
| HVAC Conservation Features (more than one may apply) | | | | | | | | | | |
| Variable Air-Volume System | 5.4 | 5.4 | 13.0 | 10.5 | 12.1 | 13.7 | 7.4 | 6.4 | 26.8 | 20.9 |
| Economizer Cycle | 5.2 | 5.2 | 11.0 | 9.0 | 8.1 | 14.6 | 7.3 | 5.6 | 22.3 | 24.5 |
| HVAC Maintenance | 3.9 | 4.0 | 8.4 | 7.7 | 6.7 | 12.2 | 6.1 | 4.1 | 18.1 | 17.3 |
| Energy Management and Control System (EMCS) | 5.4 | 5.8 | 10.3 | 8.6 | 9.2 | 12.7 | 7.3 | 6.4 | 31.7 | 23.1 |
| Off-Hour Equipment Reduction (more than one may apply) | | | | | | | | | | |
| Heating | 4.0 | 4.4 | 8.5 | 7.5 | 8.4 | 14.9 | 8.2 | 4.7 | 22.5 | 23.4 |
| Cooling | 4.4 | 4.4 | 9.1 | 8.0 | 8.6 | 15.9 | 7.9 | 4.6 | 24.0 | 21.5 |
| Lighting | 4.0 | 4.3 | 8.3 | 7.4 | 8.1 | 14.4 | 7.4 | 4.4 | 20.0 | 18.4 |
| Office Equipment | 6.1 | 6.5 | 23.4 | 14.4 | 12.8 | 23.4 | 10.5 | 7.4 | 30.6 | 29.6 |

RSEs for Table B36. Refrigeration Equipment, Number of Buildings and Floorspace, 1999

| | RSEs for Number of Buildings | | | | | RSEs for Total Floorspace | | | | |
|--|------------------------------|--|---|------------------------|--------------------------|---------------------------|--|---|------------------------|--------------------------|
| | All Buildings | All Buildings with Refrigeration Equipment | Type of Equipment (more than one may apply) | | | All Buildings | All Buildings with Refrigeration Equipment | Type of Equipment (more than one may apply) | | |
| | | | Walk-In | Open Cases or Cabinets | Closed Cases or Cabinets | | | Walk-In | Open Cases or Cabinets | Closed Cases or Cabinets |
| All Buildings | 4.2 | 5.9 | 6.7 | 13.3 | 5.7 | 3.5 | 3.9 | 5.2 | 7.9 | 3.9 |
| Building Floorspace (Square Feet) | | | | | | | | | | |
| 1,001 to 5,000 | 6.8 | 9.6 | 11.0 | 22.6 | 10.3 | 6.1 | 10.6 | 12.1 | 21.1 | 11.1 |
| 5,001 to 10,000 | 6.7 | 17.7 | 21.8 | 28.0 | 18.7 | 7.1 | 18.6 | 22.7 | 28.6 | 19.7 |
| 10,001 to 25,000 | 7.1 | 15.4 | 20.5 | 29.9 | 18.3 | 6.8 | 15.1 | 18.2 | 33.7 | 18.4 |
| 25,001 to 50,000 | 6.9 | 10.0 | 13.2 | 14.9 | 10.1 | 6.8 | 9.9 | 13.7 | 15.3 | 9.8 |
| 50,001 to 100,000 | 10.3 | 10.5 | 13.0 | 17.2 | 11.0 | 10.2 | 10.3 | 12.6 | 17.2 | 11.0 |
| 100,001 to 200,000 | 6.3 | 8.2 | 9.6 | 11.2 | 10.7 | 6.4 | 8.5 | 10.2 | 12.3 | 11.2 |
| 200,001 to 500,000 | 6.5 | 7.2 | 7.6 | 11.4 | 8.6 | 6.6 | 7.7 | 8.0 | 10.6 | 9.2 |
| Over 500,000 | 10.7 | 11.7 | 11.7 | 17.9 | 12.4 | 11.1 | 12.3 | 12.7 | 18.5 | 12.7 |
| Principal Building Activity | | | | | | | | | | |
| Education | 12.3 | 10.3 | 11.5 | 20.7 | 13.5 | 6.2 | 7.8 | 10.6 | 15.6 | 9.9 |
| Food Sales | 17.2 | 18.6 | 20.4 | 26.2 | 17.1 | 16.0 | 16.5 | 13.2 | 18.5 | 17.3 |
| Food Service | 9.3 | 9.8 | 10.6 | 19.3 | 11.1 | 9.7 | 9.8 | 10.6 | 20.9 | 11.4 |
| Health Care | 17.6 | 23.7 | 15.5 | 22.8 | 30.9 | 7.6 | 10.1 | 10.4 | 12.1 | 11.0 |
| Inpatient | 25.6 | 27.5 | 15.4 | 24.3 | 37.7 | 9.9 | 10.4 | 10.7 | 12.2 | 11.2 |
| Outpatient | 19.1 | 37.4 | 67.1 | 48.7 | 38.1 | 10.3 | 29.7 | 54.3 | 51.2 | 28.9 |
| Lodging | 11.4 | 13.4 | 15.6 | 21.4 | 12.9 | 11.0 | 14.5 | 16.9 | 23.0 | 16.1 |
| Mercantile | 9.1 | 15.2 | 18.7 | 25.5 | 17.7 | 8.8 | 10.2 | 11.1 | 11.2 | 10.9 |
| Retail (Other Than Mall) | 10.8 | 22.6 | 30.9 | 50.1 | 27.3 | 10.7 | 15.8 | 17.4 | 21.0 | 17.5 |
| Enclosed and Strip Malls | 17.7 | 20.5 | 20.4 | 25.9 | 22.0 | 10.3 | 11.8 | 12.4 | 12.4 | 12.5 |
| Office | 8.3 | 22.4 | 34.0 | 14.8 | 11.4 | 6.9 | 10.8 | 12.7 | 14.9 | 12.5 |
| Public Assembly | 13.5 | 27.9 | 35.3 | 67.1 | 34.0 | 10.8 | 15.7 | 19.2 | 31.1 | 17.6 |
| Public Order and Safety | 28.1 | 64.0 | 36.0 | 66.7 | 79.8 | 22.2 | 28.5 | 27.0 | 59.1 | 44.6 |
| Religious Worship | 12.1 | 33.3 | 62.7 | 100.0 | 36.0 | 12.0 | 27.6 | 62.3 | 100.0 | 26.6 |
| Service | 12.8 | 62.6 | 89.5 | 69.9 | 77.9 | 11.8 | 50.0 | 58.1 | 78.9 | 54.9 |
| Warehouse and Storage | 12.4 | 33.1 | 15.4 | 62.7 | 52.4 | 9.4 | 17.2 | 18.3 | 79.8 | 33.2 |
| Other | 22.0 | 34.6 | 46.6 | 59.8 | 36.7 | 13.6 | 34.3 | 41.1 | 66.9 | 37.7 |
| Vacant | 14.5 | 48.8 | 55.2 | 0.0 | 50.8 | 12.2 | 54.9 | 59.5 | 0.0 | 64.7 |
| Year Constructed | | | | | | | | | | |
| 1919 or Before | 11.3 | 29.1 | 36.0 | 77.4 | 32.1 | 7.2 | 22.5 | 29.2 | 42.9 | 24.6 |
| 1920 to 1945 | 10.9 | 21.1 | 25.4 | 50.1 | 21.9 | 9.0 | 16.5 | 18.6 | 21.0 | 18.1 |
| 1946 to 1959 | 6.7 | 17.9 | 22.9 | 28.1 | 20.8 | 7.7 | 12.1 | 13.4 | 15.6 | 14.2 |
| 1960 to 1969 | 7.4 | 17.9 | 20.9 | 18.6 | 20.0 | 6.2 | 10.3 | 11.7 | 17.2 | 11.0 |
| 1970 to 1979 | 8.1 | 15.0 | 16.4 | 26.5 | 17.0 | 5.8 | 9.0 | 9.3 | 12.4 | 9.7 |
| 1980 to 1989 | 7.4 | 17.1 | 20.8 | 24.2 | 18.0 | 6.1 | 8.6 | 9.6 | 13.9 | 9.6 |
| 1990 to 1999 | 12.9 | 19.7 | 24.1 | 30.7 | 20.9 | 6.3 | 7.4 | 9.2 | 11.1 | 7.3 |
| Census Region | | | | | | | | | | |
| Northeast | 8.0 | 10.4 | 15.7 | 38.6 | 13.2 | 7.7 | 9.2 | 10.5 | 17.0 | 10.4 |
| Midwest | 9.7 | 16.1 | 16.8 | 25.6 | 18.6 | 5.0 | 6.7 | 7.6 | 11.3 | 8.2 |
| South | 5.6 | 9.9 | 10.5 | 21.5 | 10.0 | 5.3 | 7.4 | 9.0 | 9.2 | 7.4 |
| West | 10.8 | 13.8 | 16.0 | 23.4 | 13.5 | 6.0 | 7.4 | 10.3 | 16.9 | 9.6 |
| Workers (main shift) | | | | | | | | | | |
| Fewer than 5 | 6.0 | 11.7 | 16.6 | 29.6 | 11.9 | 6.3 | 13.1 | 17.3 | 33.1 | 14.4 |
| 5 to 9 | 7.9 | 17.0 | 20.8 | 37.1 | 17.9 | 7.6 | 14.5 | 19.7 | 29.7 | 16.2 |
| 10 to 19 | 7.6 | 13.8 | 15.1 | 22.6 | 15.3 | 6.7 | 14.5 | 14.6 | 17.2 | 18.9 |
| 20 to 49 | 9.0 | 11.9 | 12.7 | 21.1 | 15.4 | 6.6 | 7.6 | 9.4 | 12.1 | 9.5 |
| 50 to 99 | 10.7 | 15.5 | 18.2 | 27.9 | 17.2 | 8.9 | 10.5 | 11.2 | 13.9 | 11.2 |
| 100 to 249 | 11.7 | 8.9 | 10.2 | 14.4 | 9.4 | 7.2 | 9.4 | 10.3 | 15.4 | 10.6 |
| 250 or More | 8.6 | 7.9 | 8.2 | 10.3 | 8.4 | 6.3 | 7.5 | 9.2 | 11.9 | 8.1 |

RSEs for Table B36. Refrigeration Equipment, Number of Buildings and Floorspace, 1999

| | RSEs for Number of Buildings | | | | | RSEs for Total Floorspace | | | | |
|---|------------------------------|--|---|------------------------|--------------------------|---------------------------|--|---|------------------------|--------------------------|
| | All Buildings | All Buildings with Refrigeration Equipment | Type of Equipment (more than one may apply) | | | All Buildings | All Buildings with Refrigeration Equipment | Type of Equipment (more than one may apply) | | |
| | | | Walk-In | Open Cases or Cabinets | Closed Cases or Cabinets | | | Walk-In | Open Cases or Cabinets | Closed Cases or Cabinets |
| Weekly Operating Hours | | | | | | | | | | |
| 39 or Fewer | 10.3 | 29.4 | 38.0 | 62.5 | 30.7 | 9.8 | 22.8 | 21.7 | 41.6 | 25.7 |
| 40 to 48 | 5.9 | 16.6 | 20.6 | 40.1 | 20.2 | 6.1 | 9.3 | 11.7 | 16.9 | 10.5 |
| 49 to 60 | 8.2 | 17.3 | 20.6 | 32.8 | 19.8 | 6.1 | 11.5 | 14.1 | 19.4 | 10.1 |
| 61 to 84 | 9.6 | 12.5 | 14.5 | 20.8 | 15.5 | 6.1 | 8.3 | 9.9 | 13.9 | 8.8 |
| 85 to 167 | 7.7 | 11.7 | 12.4 | 19.3 | 11.3 | 7.0 | 8.8 | 9.4 | 11.2 | 9.7 |
| Open Continuously | 10.4 | 18.6 | 21.9 | 34.9 | 16.6 | 5.0 | 6.5 | 7.4 | 10.3 | 7.7 |
| Multibuilding Facility Activity | | | | | | | | | | |
| Not Part of a Multibuilding | | | | | | | | | | |
| Facility | 4.6 | 6.6 | 8.2 | 15.9 | 6.5 | 4.0 | 4.3 | 5.3 | 7.5 | 5.1 |
| College or University | 19.4 | 20.9 | 24.5 | 34.3 | 24.0 | 12.4 | 20.8 | 20.5 | 31.1 | 25.6 |
| Primary or Secondary School | 17.7 | 18.0 | 19.8 | 32.9 | 24.5 | 13.1 | 17.3 | 18.8 | 26.4 | 16.5 |
| Office Complex | 18.9 | 20.2 | 25.6 | 23.7 | 21.5 | 11.1 | 21.9 | 22.4 | 27.5 | 24.6 |
| Retail Complex | 17.0 | 26.6 | 26.0 | 37.6 | 30.9 | 13.6 | 16.5 | 16.7 | 17.4 | 17.0 |
| Religious Campus or Complex | 19.4 | 18.5 | 64.4 | 100.0 | 16.8 | 13.4 | 27.8 | 56.0 | 100.0 | 30.0 |
| Health Care Complex | 24.3 | 38.8 | 45.2 | 24.1 | 19.1 | 11.3 | 11.4 | 11.9 | 14.1 | 13.3 |
| Government Complex | 26.6 | 22.0 | 34.3 | 48.6 | 29.3 | 21.2 | 29.0 | 38.1 | 61.5 | 33.5 |
| Other | 10.6 | 25.2 | 28.2 | 52.0 | 29.6 | 9.6 | 10.3 | 12.9 | 30.6 | 13.9 |
| Energy Sources (more than one may apply) | | | | | | | | | | |
| Electricity | 4.1 | 5.9 | 6.7 | 13.3 | 5.7 | 3.5 | 3.9 | 5.2 | 7.9 | 3.9 |
| Natural Gas | 4.8 | 6.8 | 7.5 | 12.9 | 7.8 | 3.9 | 4.3 | 5.8 | 8.2 | 4.2 |
| Fuel Oil | 16.7 | 17.9 | 23.1 | 12.2 | 19.3 | 6.9 | 7.9 | 8.3 | 14.1 | 9.0 |
| District Heat | 15.5 | 31.8 | 37.3 | 53.5 | 30.9 | 9.9 | 15.5 | 17.2 | 18.4 | 17.3 |
| District Chilled Water | 27.2 | 20.2 | 23.6 | 27.8 | 23.0 | 12.1 | 19.1 | 20.3 | 20.4 | 20.6 |
| Propane | 15.0 | 16.3 | 23.0 | 33.4 | 17.0 | 10.9 | 13.7 | 15.4 | 18.9 | 14.0 |
| Other | 18.8 | 30.7 | 25.3 | 74.3 | 35.1 | 14.0 | 17.9 | 19.9 | 31.5 | 19.1 |
| Energy End Uses (more than one may apply) | | | | | | | | | | |
| Buildings with Space Heating | 4.2 | 6.4 | 6.7 | 14.2 | 6.4 | 3.5 | 3.9 | 5.2 | 8.2 | 4.0 |
| Buildings with Cooling | 3.9 | 6.1 | 6.8 | 13.5 | 6.1 | 3.8 | 4.1 | 5.4 | 8.0 | 3.9 |
| Buildings with Water Heating | 4.4 | 5.9 | 6.8 | 13.4 | 5.7 | 3.7 | 4.0 | 5.4 | 8.1 | 3.9 |
| Buildings with Cooking | 5.8 | 6.5 | 7.2 | 12.0 | 6.5 | 4.4 | 4.4 | 5.8 | 8.3 | 4.3 |
| Buildings with Manufacturing | 16.7 | 49.5 | 25.5 | 42.8 | 61.6 | 12.7 | 25.4 | 30.0 | 46.0 | 30.3 |
| Buildings with Electricity Generation | 14.2 | 14.9 | 18.2 | 10.4 | 17.0 | 7.4 | 9.0 | 9.0 | 13.7 | 9.5 |
| Energy-Related Space Functions (more than one may apply) | | | | | | | | | | |
| Commercial Food Preparation | 5.8 | 6.8 | 7.1 | 12.3 | 7.1 | 4.5 | 4.4 | 5.8 | 8.4 | 4.3 |
| Activities with Large Amounts of Hot Water | 6.3 | 7.6 | 7.5 | 16.1 | 8.2 | 4.0 | 4.6 | 5.6 | 9.3 | 4.4 |

RSEs for Table B37. Water Heating Equipment, Number of Buildings and Floorspace, 1999

| | RSEs for Number of Buildings | | | | | RSEs for Total Floorspace | | | | |
|--|------------------------------|----------------------------------|---------------------------------|--------------------|---|---------------------------|----------------------------------|---------------------------------|--------------------|---|
| | All Buildings | All Buildings with Water Heating | Type of Water Heating Equipment | | | All Buildings | All Buildings with Water Heating | Type of Water Heating Equipment | | |
| | | | Centralized System | Distributed System | Combination Centralized and Distributed Systems | | | Centralized System | Distributed System | Combination Centralized and Distributed Systems |
| All Buildings | 4.2 | 4.4 | 5.0 | 9.5 | 11.0 | 3.5 | 3.7 | 4.1 | 7.3 | 5.5 |
| Building Floorspace (Square Feet) | | | | | | | | | | |
| 1,001 to 5,000 | 6.8 | 6.9 | 7.4 | 16.1 | 36.2 | 6.1 | 6.8 | 7.2 | 19.9 | 36.5 |
| 5,001 to 10,000 | 6.7 | 8.5 | 10.6 | 16.2 | 33.1 | 7.1 | 8.7 | 10.7 | 16.0 | 34.1 |
| 10,001 to 25,000 | 7.1 | 7.0 | 8.0 | 15.6 | 20.8 | 6.8 | 6.9 | 8.3 | 14.7 | 19.7 |
| 25,001 to 50,000 | 6.9 | 7.1 | 8.4 | 15.1 | 14.6 | 6.8 | 7.1 | 8.4 | 16.1 | 13.3 |
| 50,001 to 100,000 | 10.3 | 10.6 | 11.9 | 18.1 | 12.4 | 10.2 | 10.5 | 11.9 | 19.1 | 12.3 |
| 100,001 to 200,000 | 6.3 | 6.8 | 8.3 | 14.0 | 11.4 | 6.4 | 6.7 | 8.2 | 14.1 | 11.6 |
| 200,001 to 500,000 | 6.5 | 6.3 | 8.5 | 15.7 | 12.6 | 6.6 | 6.5 | 8.1 | 17.4 | 13.1 |
| Over 500,000 | 10.7 | 11.3 | 14.4 | 22.1 | 11.1 | 11.1 | 11.8 | 14.6 | 19.6 | 12.9 |
| Principal Building Activity | | | | | | | | | | |
| Education | 12.3 | 10.7 | 12.4 | 25.0 | 17.0 | 6.2 | 6.7 | 8.5 | 22.3 | 11.3 |
| Food Sales | 17.2 | 17.1 | 17.5 | 54.6 | 57.6 | 16.0 | 16.3 | 15.7 | 39.0 | 40.6 |
| Food Service | 9.3 | 9.3 | 10.4 | 64.5 | 35.3 | 9.7 | 9.7 | 10.8 | 66.1 | 34.8 |
| Health Care | 17.6 | 17.7 | 17.1 | 59.6 | 24.3 | 7.6 | 7.7 | 8.9 | 40.8 | 11.9 |
| Inpatient | 25.6 | 25.7 | 33.8 | 54.5 | 28.6 | 9.9 | 9.9 | 12.1 | 54.8 | 14.1 |
| Outpatient | 19.1 | 19.2 | 18.6 | 60.3 | 40.7 | 10.3 | 10.5 | 12.3 | 39.0 | 38.1 |
| Lodging | 11.4 | 12.2 | 13.8 | 41.6 | 21.7 | 11.0 | 11.1 | 12.2 | 30.4 | 22.4 |
| Mercantile | 9.1 | 10.4 | 13.0 | 15.8 | 21.4 | 8.8 | 8.6 | 11.5 | 11.0 | 21.1 |
| Retail (Other Than Mall) | 10.8 | 12.1 | 13.2 | 26.9 | 39.4 | 10.7 | 11.6 | 13.4 | 17.6 | 33.8 |
| Enclosed and Strip Malls | 17.7 | 18.2 | 30.6 | 21.5 | 26.5 | 10.3 | 10.1 | 15.8 | 13.0 | 23.2 |
| Office | 8.3 | 8.9 | 11.9 | 20.0 | 23.6 | 6.9 | 6.9 | 8.8 | 12.3 | 9.6 |
| Public Assembly | 13.5 | 15.0 | 16.7 | 33.0 | 43.1 | 10.8 | 10.8 | 12.5 | 24.8 | 19.7 |
| Public Order and Safety | 28.1 | 35.2 | 38.0 | 46.5 | 38.2 | 22.2 | 23.3 | 26.7 | 35.9 | 27.7 |
| Religious Worship | 12.1 | 13.5 | 14.4 | 41.2 | 41.9 | 12.0 | 13.0 | 13.6 | 46.4 | 32.1 |
| Service | 12.8 | 16.3 | 17.8 | 32.2 | 38.3 | 11.8 | 13.6 | 11.9 | 35.2 | 67.6 |
| Warehouse and Storage | 12.4 | 16.6 | 15.9 | 31.5 | 23.4 | 9.4 | 10.5 | 11.3 | 15.6 | 22.1 |
| Other | 22.0 | 30.9 | 36.6 | 53.6 | 30.0 | 13.6 | 18.3 | 25.2 | 38.2 | 34.4 |
| Vacant | 14.5 | 30.6 | 31.6 | 54.7 | 71.0 | 12.2 | 24.1 | 28.1 | 55.1 | 75.7 |
| Year Constructed | | | | | | | | | | |
| 1919 or Before | 11.3 | 12.5 | 12.9 | 32.5 | 32.7 | 7.2 | 8.7 | 9.9 | 18.4 | 21.0 |
| 1920 to 1945 | 10.9 | 12.3 | 14.8 | 27.7 | 30.6 | 9.0 | 9.0 | 11.5 | 25.0 | 15.9 |
| 1946 to 1959 | 6.7 | 7.7 | 10.1 | 26.0 | 22.5 | 7.7 | 8.2 | 9.2 | 20.2 | 17.1 |
| 1960 to 1969 | 7.4 | 8.3 | 9.7 | 23.7 | 31.2 | 6.2 | 6.6 | 7.4 | 19.6 | 14.8 |
| 1970 to 1979 | 8.1 | 9.8 | 11.3 | 17.8 | 24.2 | 5.8 | 6.6 | 6.7 | 14.9 | 15.6 |
| 1980 to 1989 | 7.4 | 7.9 | 8.9 | 16.8 | 23.2 | 6.1 | 6.4 | 8.8 | 10.7 | 12.2 |
| 1990 to 1999 | 12.9 | 13.0 | 13.9 | 22.5 | 26.5 | 6.3 | 6.0 | 6.7 | 12.3 | 9.8 |
| Census Region | | | | | | | | | | |
| Northeast | 8.0 | 7.5 | 9.1 | 14.7 | 34.3 | 7.7 | 7.5 | 7.2 | 19.8 | 14.8 |
| Midwest | 9.7 | 11.1 | 12.2 | 21.7 | 22.4 | 5.0 | 5.0 | 5.9 | 11.5 | 8.6 |
| South | 5.6 | 6.2 | 8.0 | 14.1 | 18.7 | 5.3 | 5.8 | 7.0 | 9.9 | 10.5 |
| West | 10.8 | 9.1 | 10.2 | 16.4 | 14.1 | 6.0 | 6.4 | 8.9 | 10.7 | 8.7 |
| Workers (main shift) | | | | | | | | | | |
| Fewer than 5 | 6.0 | 8.2 | 8.3 | 20.7 | 31.5 | 6.3 | 9.3 | 9.3 | 18.9 | 32.2 |
| 5 to 9 | 7.9 | 8.2 | 10.0 | 19.2 | 36.6 | 7.6 | 8.2 | 9.4 | 19.1 | 29.4 |
| 10 to 19 | 7.6 | 8.5 | 10.0 | 18.6 | 30.2 | 6.7 | 7.1 | 7.9 | 15.7 | 20.5 |
| 20 to 49 | 9.0 | 8.9 | 11.5 | 20.4 | 19.4 | 6.6 | 6.3 | 7.4 | 13.5 | 14.3 |
| 50 to 99 | 10.7 | 10.6 | 15.0 | 17.8 | 16.5 | 8.9 | 8.9 | 10.4 | 16.2 | 14.1 |
| 100 to 249 | 11.7 | 11.9 | 15.3 | 14.5 | 13.5 | 7.2 | 7.2 | 7.4 | 14.3 | 13.1 |
| 250 or More | 8.6 | 8.6 | 11.1 | 12.9 | 12.3 | 6.3 | 6.2 | 8.2 | 11.1 | 9.0 |

RSEs for Table B37. Water Heating Equipment, Number of Buildings and Floorspace, 1999

| | RSEs for Number of Buildings | | | | | RSEs for Total Floorspace | | | | |
|---|------------------------------|----------------------------------|---------------------------------|--------------------|---|---------------------------|----------------------------------|---------------------------------|--------------------|---|
| | All Buildings | All Buildings with Water Heating | Type of Water Heating Equipment | | | All Buildings | All Buildings with Water Heating | Type of Water Heating Equipment | | |
| | | | Centralized System | Distributed System | Combination Centralized and Distributed Systems | | | Centralized System | Distributed System | Combination Centralized and Distributed Systems |
| Weekly Operating Hours | | | | | | | | | | |
| 39 or Fewer | 10.3 | 14.5 | 15.1 | 34.6 | 44.1 | 9.8 | 13.8 | 15.2 | 20.0 | 40.7 |
| 40 to 48 | 5.9 | 7.3 | 9.6 | 17.3 | 21.8 | 6.1 | 6.8 | 8.7 | 12.9 | 14.3 |
| 49 to 60 | 8.2 | 8.5 | 9.9 | 19.9 | 19.0 | 6.1 | 6.6 | 6.6 | 15.5 | 10.5 |
| 61 to 84 | 9.6 | 10.9 | 12.8 | 22.7 | 20.5 | 6.1 | 6.0 | 8.4 | 11.6 | 11.0 |
| 85 to 167 | 7.7 | 7.8 | 9.3 | 24.5 | 27.0 | 7.0 | 7.1 | 8.3 | 14.6 | 16.0 |
| Open Continuously | 10.4 | 9.9 | 10.9 | 22.9 | 27.4 | 5.0 | 4.9 | 7.2 | 13.2 | 11.0 |
| Multibuilding Facility Activity | | | | | | | | | | |
| Not Part of a Multibuilding | | | | | | | | | | |
| Facility | 4.6 | 5.2 | 6.2 | 9.6 | 13.8 | 4.0 | 4.2 | 5.3 | 7.8 | 8.4 |
| College or University | 19.4 | 19.4 | 19.3 | 44.9 | 23.4 | 12.4 | 12.0 | 13.6 | 28.3 | 22.0 |
| Primary or Secondary School | 17.7 | 13.4 | 16.0 | 38.3 | 21.6 | 13.1 | 14.5 | 15.4 | 34.0 | 17.2 |
| Office Complex | 18.9 | 20.9 | 15.9 | 41.2 | 25.9 | 11.1 | 11.6 | 14.0 | 26.7 | 19.2 |
| Retail Complex | 17.0 | 18.6 | 21.5 | 27.3 | 34.1 | 13.6 | 13.2 | 18.1 | 17.0 | 25.0 |
| Religious Campus or Complex | 19.4 | 18.9 | 20.6 | 46.5 | 55.7 | 13.4 | 13.6 | 14.4 | 34.1 | 41.4 |
| Health Care Complex | 24.3 | 21.8 | 21.1 | 78.4 | 51.7 | 11.3 | 10.4 | 11.9 | 34.7 | 18.3 |
| Government Complex | 26.6 | 29.3 | 37.3 | 50.0 | 41.6 | 21.2 | 21.1 | 24.3 | 38.8 | 39.4 |
| Other | 10.6 | 11.8 | 14.6 | 25.8 | 33.0 | 9.6 | 8.7 | 10.0 | 17.8 | 20.6 |
| Energy Sources (more than one may apply) | | | | | | | | | | |
| Electricity | 4.1 | 4.4 | 5.0 | 9.5 | 11.0 | 3.5 | 3.7 | 4.1 | 7.3 | 5.5 |
| Natural Gas | 4.8 | 5.0 | 5.9 | 13.2 | 10.6 | 3.9 | 3.9 | 4.6 | 7.7 | 5.6 |
| Fuel Oil | 16.7 | 16.0 | 18.2 | 34.3 | 26.2 | 6.9 | 6.9 | 8.4 | 17.8 | 9.2 |
| District Heat | 15.5 | 16.4 | 18.9 | 23.0 | 28.7 | 9.9 | 10.2 | 10.9 | 23.5 | 15.2 |
| District Chilled Water | 27.2 | 21.9 | 28.6 | 35.4 | 23.0 | 12.1 | 12.5 | 15.1 | 30.0 | 17.1 |
| Propane | 15.0 | 15.0 | 17.4 | 31.4 | 34.6 | 10.9 | 10.4 | 12.8 | 19.8 | 25.0 |
| Other | 18.8 | 25.2 | 28.8 | 47.5 | 27.1 | 14.0 | 13.9 | 16.2 | 33.5 | 33.0 |
| Water-Heating Energy Sources (more than one may apply) | | | | | | | | | | |
| Electricity | 6.0 | 6.0 | 8.3 | 12.2 | 17.4 | 5.5 | 5.5 | 6.1 | 8.9 | 10.4 |
| Natural Gas | 6.1 | 6.1 | 7.1 | 18.0 | 12.2 | 4.4 | 4.4 | 5.5 | 9.5 | 5.7 |
| Fuel Oil | 20.3 | 20.3 | 22.4 | 59.5 | 55.9 | 11.5 | 11.5 | 14.0 | 54.4 | 27.0 |
| District Heat | 17.3 | 17.3 | 20.1 | 27.1 | 24.2 | 10.8 | 10.8 | 11.4 | 27.0 | 17.9 |
| Propane | 18.9 | 18.9 | 22.5 | 64.7 | 50.1 | 17.3 | 17.3 | 19.6 | 43.0 | 48.7 |
| Energy End Uses (more than one may apply) | | | | | | | | | | |
| Buildings with Space Heating | 4.2 | 4.5 | 5.1 | 10.1 | 10.8 | 3.5 | 3.7 | 4.0 | 7.5 | 5.5 |
| Buildings with Cooling | 3.9 | 4.4 | 5.3 | 10.1 | 11.4 | 3.8 | 3.9 | 4.3 | 7.7 | 5.5 |
| Buildings with Water Heating | 4.4 | 4.4 | 5.0 | 9.5 | 11.0 | 3.7 | 3.7 | 4.1 | 7.3 | 5.5 |
| Buildings with Cooking | 5.8 | 6.3 | 7.3 | 17.2 | 14.4 | 4.4 | 4.5 | 5.0 | 10.8 | 7.1 |
| Buildings with Manufacturing | 16.7 | 22.2 | 27.6 | 38.7 | 30.1 | 12.7 | 14.7 | 15.6 | 22.9 | 32.4 |
| Buildings with Electricity Generation | 14.2 | 12.9 | 13.8 | 53.1 | 10.5 | 7.4 | 7.4 | 9.4 | 12.9 | 9.0 |
| Energy-Related Space Functions (more than one may apply) | | | | | | | | | | |
| Commercial Food Preparation | 5.8 | 6.3 | 7.3 | 18.0 | 14.2 | 4.5 | 4.6 | 5.2 | 10.9 | 7.0 |
| Activities with Large Amounts of Hot Water | 6.3 | 6.3 | 7.8 | 22.6 | 13.1 | 4.0 | 4.0 | 5.1 | 12.1 | 7.0 |

RSEs for Table B38. Lighting Equipment, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | | |
|--|------------------------------|-------------------|--|----------------------|---------------------|--------------------------|---------|
| | All Buildings | All Lit Buildings | Lighting Equipment (more than one may apply) | | | | |
| | | | Incandescent | Standard Fluorescent | Compact Fluorescent | High-Intensity Discharge | Halogen |
| All Buildings | 4.2 | 4.1 | 4.9 | 4.1 | 9.0 | 10.9 | 9.1 |
| Building Floorspace (Square Feet) | | | | | | | |
| 1,001 to 5,000 | 6.8 | 6.7 | 8.7 | 6.8 | 18.7 | 27.5 | 17.5 |
| 5,001 to 10,000 | 6.7 | 7.2 | 10.4 | 7.4 | 17.0 | 26.5 | 22.7 |
| 10,001 to 25,000 | 7.1 | 6.8 | 9.3 | 7.3 | 12.1 | 20.7 | 14.9 |
| 25,001 to 50,000 | 6.9 | 7.0 | 9.3 | 7.6 | 11.4 | 10.0 | 11.9 |
| 50,001 to 100,000 | 10.3 | 10.3 | 10.7 | 10.1 | 12.3 | 13.9 | 10.4 |
| 100,001 to 200,000 | 6.3 | 6.4 | 8.2 | 6.3 | 9.2 | 8.0 | 8.6 |
| 200,001 to 500,000 | 6.5 | 6.4 | 8.5 | 6.6 | 8.1 | 8.0 | 9.2 |
| Over 500,000 | 10.7 | 10.7 | 14.4 | 11.1 | 13.6 | 13.5 | 11.0 |
| Principal Building Activity | | | | | | | |
| Education | 12.3 | 12.3 | 11.5 | 12.3 | 16.1 | 10.2 | 18.4 |
| Food Sales | 17.2 | 17.3 | 28.3 | 17.4 | 58.2 | 34.6 | 50.5 |
| Food Service | 9.3 | 9.3 | 10.6 | 10.6 | 25.7 | 53.0 | 18.4 |
| Health Care | 17.6 | 17.6 | 17.1 | 17.7 | 31.6 | 38.7 | 31.0 |
| Inpatient | 25.6 | 25.6 | 29.5 | 25.7 | 39.6 | 21.3 | 21.0 |
| Outpatient | 19.1 | 19.1 | 18.9 | 19.2 | 44.7 | 61.1 | 34.5 |
| Lodging | 11.4 | 12.3 | 13.6 | 12.3 | 12.7 | 33.9 | 23.4 |
| Mercantile | 9.1 | 9.2 | 12.4 | 9.2 | 21.3 | 26.6 | 18.8 |
| Retail (Other Than Mall) | 10.8 | 10.8 | 14.1 | 10.8 | 27.7 | 31.8 | 25.3 |
| Enclosed and Strip Malls | 17.7 | 17.7 | 25.5 | 17.9 | 39.5 | 51.6 | 30.2 |
| Office | 8.3 | 8.3 | 11.9 | 8.3 | 15.6 | 21.7 | 20.8 |
| Public Assembly | 13.5 | 14.4 | 17.5 | 15.2 | 25.0 | 27.9 | 32.9 |
| Public Order and Safety | 28.1 | 29.4 | 33.5 | 29.7 | 36.9 | 33.7 | 67.1 |
| Religious Worship | 12.1 | 12.1 | 12.1 | 13.2 | 29.2 | 22.3 | 26.8 |
| Service | 12.8 | 12.8 | 15.3 | 13.5 | 44.6 | 23.2 | 31.0 |
| Warehouse and Storage | 12.4 | 13.4 | 22.6 | 14.0 | 32.1 | 25.4 | 33.4 |
| Other | 22.0 | 22.8 | 43.0 | 22.9 | 61.4 | 22.5 | 35.0 |
| Vacant | 14.5 | 35.9 | 52.3 | 36.8 | 45.7 | 100.1 | 50.5 |
| Year Constructed | | | | | | | |
| 1919 or Before | 11.3 | 11.0 | 12.1 | 11.9 | 25.6 | 26.1 | 27.9 |
| 1920 to 1945 | 10.9 | 11.1 | 12.5 | 11.4 | 23.8 | 29.8 | 28.1 |
| 1946 to 1959 | 6.7 | 6.8 | 10.8 | 7.0 | 23.7 | 26.4 | 22.1 |
| 1960 to 1969 | 7.4 | 7.8 | 10.6 | 7.5 | 17.7 | 17.5 | 22.6 |
| 1970 to 1979 | 8.1 | 8.5 | 10.5 | 9.0 | 18.6 | 20.9 | 20.0 |
| 1980 to 1989 | 7.4 | 7.5 | 9.4 | 7.7 | 14.8 | 17.9 | 19.0 |
| 1990 to 1999 | 12.9 | 11.9 | 15.2 | 13.0 | 21.2 | 25.5 | 22.1 |
| Census Region | | | | | | | |
| Northeast | 8.0 | 8.2 | 13.5 | 8.9 | 14.8 | 25.5 | 21.7 |
| Midwest | 9.7 | 9.9 | 13.9 | 9.9 | 18.6 | 16.1 | 21.8 |
| South | 5.6 | 5.6 | 6.6 | 6.1 | 11.1 | 17.8 | 13.7 |
| West | 10.8 | 10.5 | 9.5 | 10.8 | 15.2 | 27.2 | 14.0 |
| Workers (main shift) | | | | | | | |
| Fewer than 5 | 6.0 | 6.3 | 8.3 | 6.7 | 15.3 | 21.9 | 18.8 |
| 5 to 9 | 7.9 | 8.0 | 9.5 | 8.0 | 20.3 | 20.4 | 22.6 |
| 10 to 19 | 7.6 | 7.8 | 10.4 | 8.0 | 20.3 | 24.5 | 18.5 |
| 20 to 49 | 9.0 | 9.0 | 10.7 | 8.7 | 16.3 | 15.3 | 16.2 |
| 50 to 99 | 10.7 | 10.7 | 15.0 | 11.0 | 13.8 | 12.5 | 16.8 |
| 100 to 249 | 11.7 | 11.7 | 17.1 | 12.0 | 9.7 | 9.8 | 21.5 |
| 250 or More | 8.6 | 8.6 | 9.7 | 8.7 | 9.8 | 8.9 | 10.5 |

RSEs for Table B38. Lighting Equipment, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | | |
|---|------------------------------|-------------------|--|----------------------|---------------------|--------------------------|---------|
| | All Buildings | All Lit Buildings | Lighting Equipment (more than one may apply) | | | | |
| | | | Incandescent | Standard Fluorescent | Compact Fluorescent | High-Intensity Discharge | Halogen |
| Weekly Operating Hours | | | | | | | |
| 39 or Fewer | 10.3 | 12.7 | 14.0 | 13.7 | 33.9 | 33.0 | 31.7 |
| 40 to 48 | 5.9 | 5.9 | 9.2 | 5.9 | 17.6 | 23.4 | 19.3 |
| 49 to 60 | 8.2 | 8.2 | 9.5 | 8.8 | 15.7 | 19.4 | 16.8 |
| 61 to 84 | 9.6 | 10.0 | 13.1 | 10.5 | 20.8 | 19.4 | 19.7 |
| 85 to 167 | 7.7 | 7.7 | 10.8 | 8.0 | 22.6 | 19.9 | 17.9 |
| Open Continuously | 10.4 | 10.2 | 12.5 | 9.7 | 16.9 | 18.8 | 20.3 |
| Space in Building Vacant for at Least Three Consecutive Months | | | | | | | |
| Completely Vacant | 20.7 | 46.3 | 85.4 | 46.3 | 70.9 | 0.0 | 98.2 |
| Mostly Vacant | 22.9 | 38.9 | 53.9 | 40.0 | 60.9 | 100.1 | 81.4 |
| Partially Vacant | 7.3 | 7.1 | 10.3 | 7.5 | 15.0 | 23.2 | 17.5 |
| Not At All Vacant | 4.4 | 4.4 | 5.1 | 4.5 | 9.5 | 11.1 | 9.8 |
| Multibuilding Facility Activity | | | | | | | |
| Not Part of a Multibuilding | | | | | | | |
| Facility | 4.6 | 4.9 | 6.0 | 5.0 | 11.8 | 12.4 | 11.3 |
| College or University | 19.4 | 19.5 | 29.1 | 19.9 | 22.2 | 35.0 | 31.6 |
| Primary or Secondary School | 17.7 | 17.8 | 18.8 | 18.3 | 23.0 | 26.5 | 15.9 |
| Office Complex | 18.9 | 20.8 | 22.3 | 21.3 | 15.7 | 63.1 | 21.6 |
| Retail Complex | 17.0 | 18.0 | 23.5 | 18.7 | 23.1 | 41.9 | 24.0 |
| Religious Campus or Complex | 19.4 | 20.6 | 23.9 | 20.7 | 41.4 | 59.4 | 35.4 |
| Health Care Complex | 24.3 | 23.1 | 23.7 | 23.4 | 31.9 | 26.3 | 52.2 |
| Government Complex | 26.6 | 28.7 | 49.1 | 29.6 | 35.3 | 63.2 | 52.5 |
| Other | 10.6 | 10.5 | 14.1 | 11.1 | 21.3 | 23.5 | 23.2 |
| Energy Sources (more than one may apply) | | | | | | | |
| Electricity | 4.1 | 4.1 | 4.9 | 4.1 | 9.0 | 10.9 | 9.1 |
| Natural Gas | 4.8 | 4.9 | 6.1 | 5.0 | 12.4 | 11.3 | 12.6 |
| Fuel Oil | 16.7 | 16.4 | 21.4 | 17.1 | 22.4 | 22.6 | 22.0 |
| District Heat | 15.5 | 15.5 | 21.7 | 16.2 | 21.8 | 28.7 | 36.5 |
| District Chilled Water | 27.2 | 27.2 | 32.7 | 27.7 | 25.7 | 39.9 | 22.0 |
| Propane | 15.0 | 14.8 | 16.8 | 15.2 | 21.5 | 25.0 | 26.1 |
| Other | 18.8 | 18.8 | 22.2 | 18.9 | 54.3 | 42.2 | 31.6 |
| Energy End Uses (more than one may apply) | | | | | | | |
| Buildings with Space Heating | 4.2 | 4.2 | 5.1 | 4.4 | 9.2 | 10.1 | 9.3 |
| Buildings with Cooling | 3.9 | 4.0 | 5.4 | 4.0 | 9.0 | 10.6 | 8.9 |
| Buildings with Water Heating | 4.4 | 4.4 | 5.4 | 4.4 | 10.4 | 12.2 | 9.1 |
| Buildings with Cooking | 5.8 | 5.8 | 6.6 | 6.2 | 13.0 | 14.9 | 11.7 |
| Buildings with Manufacturing | 16.7 | 16.3 | 21.4 | 16.6 | 39.2 | 27.4 | 34.5 |
| Buildings with Electricity Generation | 14.2 | 14.2 | 16.2 | 14.9 | 13.9 | 30.6 | 17.9 |
| Percent Lit When Open | | | | | | | |
| Zero | 49.1 | 100.1 | 0.0 | 0.0 | 0.0 | 100.1 | 0.0 |
| 1 to 50 | 9.0 | 9.0 | 10.5 | 9.2 | 20.7 | 24.8 | 17.3 |
| 51 to 99 | 6.4 | 6.4 | 7.7 | 5.9 | 11.3 | 15.3 | 14.5 |
| 100 | 5.8 | 5.8 | 6.8 | 6.2 | 12.0 | 12.9 | 10.4 |
| Building Never Open/ Electricity Not Used | 13.0 | 57.9 | 80.7 | 60.5 | 59.1 | 0.0 | 58.7 |
| Percent Lit When Closed | | | | | | | |
| Zero | 6.2 | 6.3 | 9.2 | 6.9 | 13.6 | 17.0 | 18.7 |
| 1 to 50 | 4.9 | 4.9 | 6.1 | 4.9 | 11.2 | 15.0 | 10.6 |
| 51 to 100 | 16.3 | 16.3 | 26.4 | 19.1 | 39.4 | 41.9 | 36.0 |
| Building Never Closed/ Electricity Not Used | 9.3 | 10.2 | 12.5 | 9.7 | 16.9 | 18.8 | 20.3 |

RSEs for Table B38. Lighting Equipment, Number of Buildings, 1999

| | RSEs for Number of Buildings | | | | | | |
|--|------------------------------|-------------------|--|----------------------|---------------------|--------------------------|---------|
| | All Buildings | All Lit Buildings | Lighting Equipment (more than one may apply) | | | | |
| | | | Incandescent | Standard Fluorescent | Compact Fluorescent | High-Intensity Discharge | Halogen |
| Lighting Equipment Types (more than one may apply) | | | | | | | |
| Incandescent..... | 4.9 | 4.9 | 4.9 | 4.9 | 11.3 | 13.2 | 10.9 |
| Standard Fluorescent..... | 4.1 | 4.1 | 4.9 | 4.1 | 9.5 | 10.7 | 9.0 |
| Compact Fluorescent..... | 9.0 | 9.0 | 11.3 | 9.5 | 9.0 | 15.4 | 12.4 |
| High-Intensity Discharge..... | 10.9 | 10.9 | 13.2 | 10.7 | 15.4 | 10.9 | 14.9 |
| Halogen..... | 9.1 | 9.1 | 10.9 | 9.0 | 12.4 | 14.9 | 9.1 |
| Other..... | 32.3 | 32.3 | 33.3 | 33.5 | 26.5 | 25.2 | 51.3 |
| Lighting Conservation Features (more than one may apply) | | | | | | | |
| Specular Reflectors | 8.8 | 8.8 | 11.3 | 8.8 | 13.3 | 17.4 | 13.6 |
| Electronic Ballasts | 5.3 | 5.3 | 6.3 | 5.3 | 8.8 | 12.2 | 10.5 |
| Skylights or Atriums | 8.6 | 8.1 | 9.0 | 8.3 | 15.7 | 13.4 | 14.0 |
| Off-Hour Equipment Reduction (more than one may apply) | | | | | | | |
| Heating | 5.0 | 5.0 | 6.1 | 5.4 | 9.3 | 12.5 | 10.7 |
| Cooling | 4.3 | 4.4 | 6.1 | 4.6 | 10.1 | 13.8 | 8.8 |
| Lighting | 4.4 | 4.4 | 5.2 | 4.6 | 9.0 | 12.0 | 10.0 |
| Office Equipment | 8.5 | 8.5 | 14.7 | 8.9 | 17.7 | 10.3 | 19.6 |

RSEs for Table B39. Lighting Equipment, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | | |
|--|---------------------------|-------------------|--|----------------------|---------------------|--------------------------|---------|
| | All Buildings | All Lit Buildings | Lighting Equipment (more than one may apply) | | | | |
| | | | Incandescent | Standard Fluorescent | Compact Fluorescent | High-Intensity Discharge | Halogen |
| All Buildings | 3.5 | 3.5 | 4.2 | 3.5 | 5.7 | 5.4 | 4.4 |
| Building Floorspace (Square Feet) | | | | | | | |
| 1,001 to 5,000 | 6.1 | 6.3 | 8.4 | 6.6 | 20.1 | 32.4 | 19.1 |
| 5,001 to 10,000 | 7.1 | 7.5 | 10.6 | 7.6 | 16.3 | 25.7 | 22.6 |
| 10,001 to 25,000 | 6.8 | 6.4 | 9.0 | 6.9 | 10.8 | 19.9 | 14.6 |
| 25,001 to 50,000 | 6.8 | 6.9 | 9.2 | 7.4 | 11.4 | 9.5 | 12.5 |
| 50,001 to 100,000 | 10.2 | 10.2 | 10.6 | 10.0 | 12.5 | 13.7 | 10.6 |
| 100,001 to 200,000 | 6.4 | 6.4 | 8.6 | 6.3 | 9.4 | 8.3 | 9.0 |
| 200,001 to 500,000 | 6.6 | 6.5 | 8.4 | 6.7 | 8.2 | 8.2 | 9.5 |
| Over 500,000 | 11.1 | 11.1 | 14.6 | 11.6 | 13.3 | 13.3 | 11.6 |
| Principal Building Activity | | | | | | | |
| Education | 6.2 | 6.2 | 8.2 | 6.1 | 11.0 | 9.4 | 11.6 |
| Food Sales | 16.0 | 16.0 | 27.1 | 16.1 | 35.7 | 35.2 | 38.2 |
| Food Service | 9.7 | 9.7 | 10.1 | 10.9 | 24.2 | 42.3 | 21.2 |
| Health Care | 7.6 | 7.6 | 9.0 | 7.7 | 9.5 | 12.5 | 10.9 |
| Inpatient | 9.9 | 9.9 | 10.8 | 9.9 | 10.5 | 14.1 | 13.9 |
| Outpatient | 10.3 | 10.3 | 14.4 | 10.0 | 25.4 | 34.4 | 20.9 |
| Lodging | 11.0 | 11.1 | 11.6 | 11.2 | 12.2 | 22.3 | 18.1 |
| Mercantile | 8.8 | 8.8 | 11.2 | 8.9 | 14.3 | 14.6 | 13.1 |
| Retail (Other Than Mall) | 10.7 | 10.7 | 14.9 | 10.8 | 22.2 | 14.1 | 17.8 |
| Enclosed and Strip Malls | 10.3 | 10.3 | 13.6 | 10.5 | 16.2 | 18.9 | 16.5 |
| Office | 6.9 | 6.9 | 9.2 | 6.8 | 8.5 | 7.4 | 7.5 |
| Public Assembly | 10.8 | 10.9 | 14.1 | 11.1 | 16.1 | 18.1 | 15.9 |
| Public Order and Safety | 22.2 | 21.4 | 23.9 | 21.4 | 29.5 | 33.4 | 40.4 |
| Religious Worship | 12.0 | 12.0 | 12.4 | 12.7 | 24.3 | 31.5 | 23.6 |
| Service | 11.8 | 12.0 | 18.8 | 12.5 | 29.0 | 20.0 | 29.1 |
| Warehouse and Storage | 9.4 | 10.0 | 14.6 | 10.3 | 16.1 | 10.3 | 13.3 |
| Other | 13.6 | 14.3 | 25.9 | 14.3 | 28.4 | 27.2 | 32.4 |
| Vacant | 12.2 | 19.7 | 32.9 | 20.7 | 43.9 | 100.1 | 32.6 |
| Year Constructed | | | | | | | |
| 1919 or Before | 7.2 | 6.8 | 9.0 | 8.0 | 17.0 | 18.8 | 16.6 |
| 1920 to 1945 | 9.0 | 9.1 | 11.1 | 9.4 | 11.8 | 18.6 | 14.2 |
| 1946 to 1959 | 7.7 | 7.8 | 10.7 | 7.4 | 14.8 | 16.1 | 14.7 |
| 1960 to 1969 | 6.2 | 6.4 | 8.2 | 6.5 | 12.3 | 9.4 | 11.9 |
| 1970 to 1979 | 5.8 | 5.9 | 7.9 | 6.1 | 9.9 | 11.0 | 10.3 |
| 1980 to 1989 | 6.1 | 5.8 | 6.4 | 5.9 | 8.7 | 10.6 | 8.1 |
| 1990 to 1999 | 6.3 | 6.1 | 8.3 | 6.5 | 8.2 | 9.3 | 7.4 |
| Census Region | | | | | | | |
| Northeast | 7.7 | 7.8 | 9.9 | 7.9 | 9.4 | 12.5 | 10.2 |
| Midwest | 5.0 | 5.3 | 7.0 | 5.4 | 8.5 | 9.0 | 7.2 |
| South | 5.3 | 5.1 | 5.8 | 5.1 | 11.1 | 10.0 | 8.0 |
| West | 6.0 | 6.1 | 7.6 | 6.4 | 9.4 | 12.5 | 9.7 |
| Workers (main shift) | | | | | | | |
| Fewer than 5 | 6.3 | 6.9 | 8.9 | 7.2 | 12.6 | 20.9 | 17.4 |
| 5 to 9 | 7.6 | 7.8 | 9.0 | 8.5 | 15.6 | 22.1 | 18.9 |
| 10 to 19 | 6.7 | 6.9 | 9.1 | 7.2 | 14.0 | 16.0 | 15.1 |
| 20 to 49 | 6.6 | 6.6 | 6.7 | 6.3 | 9.4 | 9.6 | 7.9 |
| 50 to 99 | 8.9 | 8.9 | 11.4 | 9.0 | 11.9 | 10.2 | 11.0 |
| 100 to 249 | 7.2 | 7.2 | 9.4 | 7.3 | 9.8 | 10.2 | 9.9 |
| 250 or More | 6.3 | 6.3 | 7.8 | 6.3 | 8.6 | 8.6 | 8.9 |

RSEs for Table B39. Lighting Equipment, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | | |
|---|---------------------------|-------------------|--|----------------------|---------------------|--------------------------|---------|
| | All Buildings | All Lit Buildings | Lighting Equipment (more than one may apply) | | | | |
| | | | Incandescent | Standard Fluorescent | Compact Fluorescent | High-Intensity Discharge | Halogen |
| Weekly Operating Hours | | | | | | | |
| 39 or Fewer | 9.8 | 11.3 | 13.9 | 11.7 | 18.8 | 16.9 | 19.2 |
| 40 to 48 | 6.1 | 6.2 | 9.0 | 5.8 | 12.1 | 13.9 | 11.2 |
| 49 to 60 | 6.1 | 6.1 | 8.9 | 6.5 | 9.9 | 10.4 | 10.1 |
| 61 to 84 | 6.1 | 6.1 | 8.0 | 6.2 | 11.1 | 8.9 | 9.9 |
| 85 to 167 | 7.0 | 7.0 | 9.1 | 7.1 | 9.3 | 10.1 | 10.3 |
| Open Continuously | 5.0 | 5.0 | 5.7 | 5.0 | 7.0 | 9.2 | 8.8 |
| Space in Building Vacant for at Least Three Consecutive Months | | | | | | | |
| Completely Vacant | 14.5 | 33.8 | 94.8 | 33.8 | 70.7 | 0.0 | 98.2 |
| Mostly Vacant | 20.0 | 23.0 | 34.6 | 23.8 | 56.1 | 100.1 | 63.9 |
| Partially Vacant | 6.2 | 6.4 | 8.2 | 6.6 | 9.4 | 10.6 | 9.2 |
| Not At All Vacant | 3.4 | 3.6 | 4.1 | 3.6 | 6.2 | 5.6 | 5.3 |
| Multibuilding Facility Activity | | | | | | | |
| Not Part of a Multibuilding | | | | | | | |
| Facility | 4.0 | 4.1 | 4.6 | 4.1 | 7.4 | 6.2 | 5.7 |
| College or University | 12.4 | 12.3 | 18.5 | 13.2 | 15.0 | 24.1 | 16.7 |
| Primary or Secondary School | 13.1 | 13.1 | 15.9 | 13.4 | 23.2 | 19.2 | 20.8 |
| Office Complex | 11.1 | 11.3 | 18.2 | 11.5 | 12.2 | 17.3 | 13.7 |
| Retail Complex | 13.6 | 13.8 | 14.5 | 14.2 | 18.0 | 21.7 | 15.9 |
| Religious Campus or Complex | 13.4 | 13.6 | 16.0 | 14.1 | 30.0 | 40.2 | 31.8 |
| Health Care Complex | 11.3 | 11.4 | 12.4 | 11.6 | 11.2 | 16.5 | 14.6 |
| Government Complex | 21.2 | 21.3 | 28.5 | 21.5 | 31.0 | 29.5 | 48.1 |
| Other | 9.6 | 10.1 | 12.1 | 10.2 | 11.5 | 11.6 | 12.9 |
| Energy Sources (more than one may apply) | | | | | | | |
| Electricity | 3.5 | 3.5 | 4.2 | 3.5 | 5.7 | 5.4 | 4.4 |
| Natural Gas | 3.9 | 3.8 | 4.5 | 3.9 | 7.3 | 5.7 | 5.7 |
| Fuel Oil | 6.9 | 6.8 | 8.5 | 6.9 | 7.8 | 7.3 | 8.8 |
| District Heat | 9.9 | 9.9 | 12.8 | 10.1 | 10.6 | 15.7 | 15.0 |
| District Chilled Water | 12.1 | 12.1 | 15.3 | 12.3 | 14.3 | 17.3 | 18.2 |
| Propane | 10.9 | 10.9 | 13.5 | 10.9 | 11.2 | 15.3 | 17.0 |
| Other | 14.0 | 14.0 | 16.3 | 14.0 | 20.7 | 21.7 | 17.3 |
| Energy End Uses (more than one may apply) | | | | | | | |
| Buildings with Space Heating | 3.5 | 3.6 | 4.3 | 3.6 | 5.7 | 5.5 | 4.6 |
| Buildings with Cooling | 3.8 | 3.8 | 4.6 | 3.7 | 5.8 | 5.4 | 4.5 |
| Buildings with Water Heating | 3.7 | 3.6 | 4.5 | 3.6 | 5.9 | 5.5 | 4.4 |
| Buildings with Cooking | 4.4 | 4.4 | 5.6 | 4.3 | 7.2 | 7.4 | 5.9 |
| Buildings with Manufacturing | 12.7 | 12.6 | 16.8 | 12.7 | 17.9 | 19.7 | 16.6 |
| Buildings with Electricity Generation | 7.4 | 7.4 | 9.0 | 7.4 | 8.6 | 8.2 | 8.4 |
| Percent Lit When Open | | | | | | | |
| Zero | 32.5 | 100.1 | 0.0 | 0.0 | 0.0 | 100.1 | 0.0 |
| 1 to 50 | 8.1 | 8.1 | 9.1 | 7.9 | 13.1 | 17.3 | 15.0 |
| 51 to 99 | 4.9 | 4.9 | 5.3 | 4.8 | 6.2 | 7.0 | 5.5 |
| 100 | 4.2 | 4.2 | 6.4 | 4.4 | 7.2 | 6.7 | 6.2 |
| Building Never Open/ Electricity Not Used | 12.9 | 26.2 | 52.1 | 28.8 | 63.7 | 0.0 | 31.8 |
| Percent Lit When Closed | | | | | | | |
| Zero | 5.9 | 6.0 | 7.9 | 6.2 | 10.1 | 11.1 | 11.7 |
| 1 to 50 | 4.7 | 4.7 | 6.3 | 4.7 | 7.5 | 8.3 | 7.0 |
| 51 to 100 | 10.0 | 10.0 | 14.3 | 9.3 | 16.6 | 15.7 | 17.0 |
| Building Never Closed/ Electricity Not Used | 4.7 | 5.0 | 5.7 | 5.0 | 7.0 | 9.2 | 8.8 |

RSEs for Table B39. Lighting Equipment, Floorspace, 1999

| | RSEs for Total Floorspace | | | | | | |
|--|---------------------------|-------------------|--|----------------------|---------------------|--------------------------|---------|
| | All Buildings | All Lit Buildings | Lighting Equipment (more than one may apply) | | | | |
| | | | Incandescent | Standard Fluorescent | Compact Fluorescent | High-Intensity Discharge | Halogen |
| Lighting Equipment Types (more than one may apply) | | | | | | | |
| Incandescent..... | 4.2 | 4.2 | 4.2 | 4.3 | 6.5 | 5.9 | 5.2 |
| Standard Fluorescent..... | 3.5 | 3.5 | 4.3 | 3.5 | 5.7 | 5.3 | 4.6 |
| Compact Fluorescent..... | 5.7 | 5.7 | 6.5 | 5.7 | 5.7 | 7.2 | 6.6 |
| High-Intensity Discharge..... | 5.4 | 5.4 | 5.9 | 5.3 | 7.2 | 5.4 | 6.6 |
| Halogen..... | 4.4 | 4.4 | 5.2 | 4.6 | 6.6 | 6.6 | 4.4 |
| Other..... | 14.6 | 14.6 | 15.4 | 14.2 | 24.5 | 24.6 | 23.0 |
| Lighting Conservation Features (more than one may apply) | | | | | | | |
| Specular Reflectors | 6.0 | 6.0 | 7.7 | 6.0 | 7.1 | 7.4 | 6.9 |
| Electronic Ballasts | 3.9 | 3.9 | 5.0 | 3.9 | 6.0 | 6.0 | 5.4 |
| Skylights or Atriums | 5.8 | 5.8 | 7.5 | 5.9 | 7.2 | 7.5 | 6.8 |
| Off-Hour Equipment Reduction (more than one may apply) | | | | | | | |
| Heating | 4.0 | 4.1 | 5.4 | 4.1 | 6.9 | 7.3 | 6.6 |
| Cooling | 4.4 | 4.4 | 6.1 | 4.4 | 7.1 | 7.5 | 6.5 |
| Lighting | 4.0 | 4.0 | 5.1 | 4.1 | 6.6 | 6.8 | 6.2 |
| Office Equipment | 6.1 | 6.1 | 8.9 | 6.4 | 9.3 | 10.5 | 11.9 |