

Table C9.79p. Total and Average Primary Consumption and Expenditures for All Major Energy Sources in Commercial Buildings, 1979

| Building Characteristics | Total | | | | Average | | | | | RSE Row Factors |
|--------------------------------------|--------------------------------|-------------------------------|-----------------------------------|-----------------|---|---|-----------------|--|-----------------|-----------------------|
| | Floorspace (million sq.ft.) | Consumption (trillion Btu) | Expenditures (million dollars) | | Consumption (thousand Btu per sq.ft.) | Expenditures (dollars per sq.ft.) | | Expenditures (dollars per million Btu) | | |
| | | | 1987 Dollars | 1979 Dollars | | 1987 Dollars | 1979 Dollars | 1987 Dollars | 1979 Dollars | |
| | | | | | | | | | | |
| RSE Column Factors: | 1.0 | 1.4 | 1.3 | 1.3 | 1.1 | 1.0 | 1.0 | 0.6 | 0.6 | |
| All Buildings | 43,546 | 8,847 | 50,445 | 33,596 | 203.16 | 1.16 | 0.77 | 5.70 | 3.80 | 5.0 |
| Census Region | | | | | | | | | | |
| Northeast | 9,531 | 2,082 | 14,122 | 9,405 | 218.46 | 1.48 | 0.99 | 6.78 | 4.52 | 11.4 |
| Midwest | 14,197 | 3,033 | 16,007 | 10,661 | 213.66 | 1.13 | 0.75 | 5.28 | 3.51 | 6.3 |
| South | 13,661 | 2,742 | 15,174 | 10,106 | 200.74 | 1.11 | 0.74 | 5.53 | 3.69 | 9.4 |
| West | 6,156 | 989 | 5,142 | 3,424 | 160.61 | 0.84 | 0.56 | 5.20 | 3.46 | 10.5 |
| Census Division ¹ | | | | | | | | | | |
| New England | | | | | | | | | | |
| Middle Atlantic | | | | | | | | | | |
| East North Central | | | | | | | | | | |
| West North Central | | | | | | | | | | |
| South Atlantic | | | | | | | | | | |
| East South Central | | | | | | | | | | |
| West South Central | | | | | | | | | | |
| Mountain | | | | | | | | | | |
| Pacific | | | | | | | | | | |
| Principal Building Activity | | | | | | | | | | |
| Assembly | 5,329 | 702 | 4,099 | 2,730 | 131.67 | 0.77 | 0.51 | 5.84 | 3.89 | 8.5 |
| Education | 5,969 | 842 | 4,582 | 3,051 | 141.11 | 0.77 | 0.51 | 5.44 | 3.62 | 8.3 |
| Food Sales and Service | 1,770 | 685 | 3,982 | 2,652 | 387.03 | 2.25 | 1.50 | 5.81 | 3.87 | 9.7 |
| Health Care | 1,955 | 730 | 3,592 | 2,392 | 373.42 | 1.84 | 1.22 | 4.92 | 3.28 | 8.7 |
| Lodging | 2,074 | 520 | 2,866 | 1,909 | 250.88 | 1.38 | 0.92 | 5.51 | 3.67 | 15.1 |
| Mercantile and Service | 9,959 | 1,627 | 9,586 | 6,384 | 163.37 | 0.96 | 0.64 | 5.89 | 3.92 | 9.2 |
| Office | 6,986 | 1,723 | 11,168 | 7,438 | 246.56 | 1.60 | 1.06 | 6.48 | 4.32 | 5.8 |
| Warehouse | 6,007 | 1,093 | 5,707 | 3,801 | 181.90 | 0.95 | 0.63 | 5.22 | 3.48 | 11.0 |
| Other | 2,129 | 764 | 3,886 | 2,588 | 358.82 | 1.83 | 1.22 | 5.09 | 3.39 | 21.6 |
| Vacant | 1,367 | 161 | 977 | 650 | 117.75 | 0.71 | 0.48 | 6.07 | 4.04 | 19.1 |
| Building Floorspace (square feet) | | | | | | | | | | |
| 1,001 to 2,000 | 786 | 288 | 2,004 | 1,335 | 366.97 | 2.55 | 1.70 | 6.95 | 4.63 | 8.8 |
| 2,001 to 5,000 | 3,356 | 888 | 5,373 | 3,579 | 264.50 | 1.60 | 1.07 | 6.05 | 4.03 | 6.6 |
| 5,001 to 10,000 | 5,073 | 950 | 5,515 | 3,673 | 187.35 | 1.09 | 0.72 | 5.80 | 3.86 | 7.8 |
| 10,001 to 25,000 | 7,665 | 1,463 | 8,206 | 5,465 | 190.86 | 1.07 | 0.71 | 5.61 | 3.74 | 8.6 |
| 25,001 to 50,000 | 6,780 | 1,322 | 8,242 | 5,489 | 195.00 | 1.22 | 0.81 | 6.23 | 4.15 | 9.6 |
| 50,001 to 100,000 | 6,449 | 1,191 | 6,255 | 4,166 | 184.75 | 0.97 | 0.65 | 5.25 | 3.50 | 7.9 |
| 100,001 to 200,000 | 5,558 | 1,083 | 5,571 | 3,711 | 194.82 | 1.00 | 0.67 | 5.15 | 3.43 | 13.0 |
| 200,001 to 500,000 | 5,169 | 1,077 | 5,692 | 3,791 | 208.38 | 1.10 | 0.73 | 5.28 | 3.52 | 8.2 |
| Over 500,000 | 2,710 | 584 | 3,586 | 2,388 | 215.40 | 1.32 | 0.88 | 6.14 | 4.09 | 15.3 |
| Year Constructed | | | | | | | | | | |
| 1899 or Before | 1,999 | 362 | 2,862 | 1,906 | 181.07 | 1.43 | 0.95 | 7.91 | 5.27 | 13.9 |
| 1900 to 1919 | 4,660 | 623 | 3,687 | 2,456 | 133.74 | 0.79 | 0.53 | 5.92 | 3.94 | 9.6 |
| 1920 to 1945 | 8,660 | 1,684 | 9,132 | 6,082 | 194.42 | 1.05 | 0.70 | 5.42 | 3.61 | 12.5 |
| 1946 to 1959 | 8,391 | 1,569 | 9,193 | 6,123 | 187.00 | 1.10 | 0.73 | 5.86 | 3.90 | 8.6 |
| 1960 to 1969 | 9,360 | 2,053 | 11,341 | 7,553 | 219.31 | 1.21 | 0.81 | 5.53 | 3.68 | 6.4 |
| 1970 to 1979 | 10,478 | 2,556 | 14,229 | 9,477 | 243.97 | 1.36 | 0.90 | 5.57 | 3.71 | 5.9 |

¹ Census Division Data were not collected in 1979.

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.
• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-143 of the 1979 Nonresidential Buildings Energy Consumption Survey.

Table C9.79s. Total and Average Site Consumption and Expenditures for All Major Energy Sources in Commercial Buildings, 1979

| Building Characteristics | Total | | | | Average | | | | | RSE Row Factors |
|--------------------------------------|--------------------------------|-------------------------------|-----------------------------------|-----------------|---|---|-----------------|--|-----------------|-----------------------|
| | Floorspace (million sq.ft.) | Consumption (trillion Btu) | Expenditures (million dollars) | | Consumption (thousand Btu per sq.ft.) | Expenditures (dollars per sq.ft.) | | Expenditures (dollars per million Btu) | | |
| | | | 1987 Dollars | 1979 Dollars | | 1987 Dollars | 1979 Dollars | 1987 Dollars | 1979 Dollars | |
| | | | | | | | | | | |
| RSE Column Factors: | 1.0 | 1.2 | 1.2 | 1.2 | 1.0 | 1.0 | 1.0 | 0.8 | 0.8 | |
| All Buildings | 43,546 | 4,965 | 50,445 | 33,596 | 114.01 | 1.16 | 0.77 | 10.16 | 6.77 | 5.6 |
| Census Region | | | | | | | | | | |
| Northeast | 9,531 | 1,217 | 14,122 | 9,405 | 127.68 | 1.48 | 0.99 | 11.60 | 7.73 | 11.1 |
| Midwest | 14,197 | 1,826 | 16,007 | 10,661 | 128.65 | 1.13 | 0.75 | 8.76 | 5.84 | 8.2 |
| South | 13,661 | 1,395 | 15,174 | 10,106 | 102.13 | 1.11 | 0.74 | 10.88 | 7.24 | 10.0 |
| West | 6,156 | 526 | 5,142 | 3,424 | 85.47 | 0.84 | 0.56 | 9.77 | 6.51 | 13.7 |
| Census Division ¹ | | | | | | | | | | |
| New England | | | | | | | | | | |
| Middle Atlantic | | | | | | | | | | |
| East North Central | | | | | | | | | | |
| West North Central | | | | | | | | | | |
| South Atlantic | | | | | | | | | | |
| East South Central | | | | | | | | | | |
| West South Central | | | | | | | | | | |
| Mountain | | | | | | | | | | |
| Pacific | | | | | | | | | | |
| Principal Building Activity | | | | | | | | | | |
| Assembly | 5,329 | 429 | 4,099 | 2,730 | 80.51 | 0.77 | 0.51 | 9.55 | 6.36 | 12.6 |
| Education | 5,969 | 511 | 4,582 | 3,051 | 85.64 | 0.77 | 0.51 | 8.96 | 5.97 | 7.0 |
| Food Sales and Service . . . | 1,770 | 336 | 3,982 | 2,652 | 190.08 | 2.25 | 1.50 | 11.84 | 7.88 | 8.6 |
| Health Care | 1,955 | 469 | 3,592 | 2,392 | 239.71 | 1.84 | 1.22 | 7.66 | 5.10 | 10.1 |
| Lodging | 2,074 | 278 | 2,866 | 1,909 | 134.23 | 1.38 | 0.92 | 10.29 | 6.85 | 11.1 |
| Mercantile and Service | 9,959 | 894 | 9,586 | 6,384 | 89.72 | 0.96 | 0.64 | 10.73 | 7.15 | 8.7 |
| Office | 6,986 | 861 | 11,168 | 7,438 | 123.21 | 1.60 | 1.06 | 12.97 | 8.64 | 9.6 |
| Warehouse | 6,007 | 641 | 5,707 | 3,801 | 106.79 | 0.95 | 0.63 | 8.90 | 5.93 | 10.8 |
| Other | 2,129 | 456 | 3,886 | 2,588 | 214.12 | 1.83 | 1.22 | 8.53 | 5.68 | 25.2 |
| Vacant | 1,367 | 89 | 977 | 650 | 65.32 | 0.71 | 0.48 | 10.94 | 7.28 | 16.4 |
| Building Floorspace (square feet) | | | | | | | | | | |
| 1,001 to 2,000 | 786 | 155 | 2,004 | 1,335 | 197.30 | 2.55 | 1.70 | 12.93 | 8.61 | 12.5 |
| 2,001 to 5,000 | 3,356 | 504 | 5,373 | 3,579 | 150.31 | 1.60 | 1.07 | 10.65 | 7.09 | 7.6 |
| 5,001 to 10,000 | 5,073 | 595 | 5,515 | 3,673 | 117.36 | 1.09 | 0.72 | 9.26 | 6.17 | 8.1 |
| 10,001 to 25,000 | 7,665 | 902 | 8,206 | 5,465 | 117.71 | 1.07 | 0.71 | 9.10 | 6.06 | 14.4 |
| 25,001 to 50,000 | 6,780 | 669 | 8,242 | 5,489 | 98.74 | 1.22 | 0.81 | 12.31 | 8.20 | 13.3 |
| 50,001 to 100,000 | 6,449 | 630 | 6,255 | 4,166 | 97.76 | 0.97 | 0.65 | 9.92 | 6.61 | 8.3 |
| 100,001 to 200,000 | 5,558 | 595 | 5,571 | 3,711 | 107.04 | 1.00 | 0.67 | 9.36 | 6.24 | 8.5 |
| 200,001 to 500,000 | 5,169 | 596 | 5,692 | 3,791 | 115.34 | 1.10 | 0.73 | 9.55 | 6.36 | 8.1 |
| Over 500,000 | 2,710 | 317 | 3,586 | 2,388 | 116.83 | 1.32 | 0.88 | 11.33 | 7.54 | 13.6 |
| Year Constructed | | | | | | | | | | |
| 1899 or Before | 1,999 | 211 | 2,862 | 1,906 | 105.80 | 1.43 | 0.95 | 13.54 | 9.02 | 30.8 |
| 1900 to 1919 | 4,660 | 400 | 3,687 | 2,456 | 85.79 | 0.79 | 0.53 | 9.22 | 6.14 | 8.9 |
| 1920 to 1945 | 8,660 | 1,080 | 9,132 | 6,082 | 124.69 | 1.05 | 0.70 | 8.46 | 5.63 | 12.7 |
| 1946 to 1959 | 8,391 | 914 | 9,193 | 6,123 | 108.89 | 1.10 | 0.73 | 10.06 | 6.70 | 8.7 |
| 1960 to 1969 | 9,360 | 1,102 | 11,341 | 7,553 | 117.76 | 1.21 | 0.81 | 10.29 | 6.85 | 6.1 |
| 1970 to 1979 | 10,478 | 1,258 | 14,229 | 9,477 | 120.06 | 1.36 | 0.90 | 11.31 | 7.53 | 7.6 |

¹ Census Division Data were not collected in 1979.

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

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Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-143 of the 1979 Nonresidential Buildings Energy Consumption Survey.

Table C10.79p. Total and Average Primary Consumption and Expenditures for Electricity in Commercial Buildings, 1979

| Building Characteristics | Total | | | | Average | | | | | RSE Row Factors |
|--------------------------------------|--------------------------------|-------------------------------|-----------------------------------|-----------------|---|---|-----------------|--|-----------------|-----------------------|
| | Floorspace (million sq.ft.) | Consumption (trillion Btu) | Expenditures (million dollars) | | Consumption (thousand Btu per sq.ft.) | Expenditures (dollars per sq.ft.) | | Expenditures (dollars per million Btu) | | |
| | | | 1987 Dollars | 1979 Dollars | | 1987 Dollars | 1979 Dollars | 1987 Dollars | 1979 Dollars | |
| | | | | | | | | | | |
| RSE Column Factors: | 0.9 | 1.4 | 1.3 | 1.3 | 1.2 | 1.0 | 1.0 | 0.6 | 0.6 | |
| All Buildings | 43,153 | 5,790 | 35,662 | 23,751 | 134.18 | 0.83 | 0.55 | 6.16 | 4.10 | 6.4 |
| Census Region | | | | | | | | | | |
| Northeast | 9,455 | 1,291 | 9,749 | 6,493 | 136.49 | 1.03 | 0.69 | 7.55 | 5.03 | 15.8 |
| Midwest | 14,160 | 1,800 | 10,524 | 7,009 | 127.14 | 0.74 | 0.49 | 5.85 | 3.89 | 7.2 |
| South | 13,425 | 2,009 | 11,646 | 7,756 | 149.68 | 0.87 | 0.58 | 5.80 | 3.86 | 11.4 |
| West | 6,113 | 690 | 3,743 | 2,493 | 112.89 | 0.61 | 0.41 | 5.42 | 3.61 | 12.6 |
| Census Division¹ | | | | | | | | | | |
| New England | | | | | | | | | | |
| Middle Atlantic | | | | | | | | | | |
| East North Central | | | | | | | | | | |
| West North Central | | | | | | | | | | |
| South Atlantic | | | | | | | | | | |
| East South Central | | | | | | | | | | |
| West South Central | | | | | | | | | | |
| Mountain | | | | | | | | | | |
| Pacific | | | | | | | | | | |
| Principal Building Activity | | | | | | | | | | |
| Assembly | 5,321 | 407 | 2,686 | 1,789 | 76.42 | 0.50 | 0.34 | 6.61 | 4.40 | 11.1 |
| Education | 5,965 | 494 | 2,906 | 1,936 | 82.80 | 0.49 | 0.32 | 5.88 | 3.92 | 10.2 |
| Food Sales and Service | 1,766 | 520 | 3,176 | 2,115 | 294.48 | 1.80 | 1.20 | 6.11 | 4.07 | 12.2 |
| Health Care | 1,953 | 390 | 2,017 | 1,343 | 199.68 | 1.03 | 0.69 | 5.17 | 3.44 | 11.0 |
| Lodging | 2,074 | 361 | 2,074 | 1,381 | 174.00 | 1.00 | 0.67 | 5.74 | 3.83 | 18.9 |
| Mercantile and Service | 9,922 | 1,094 | 6,990 | 4,655 | 110.26 | 0.70 | 0.47 | 6.39 | 4.25 | 11.3 |
| Office | 6,979 | 1,285 | 8,802 | 5,862 | 184.17 | 1.26 | 0.84 | 6.85 | 4.56 | 6.5 |
| Warehouse | 5,940 | 673 | 3,850 | 2,564 | 113.30 | 0.65 | 0.43 | 5.72 | 3.81 | 11.6 |
| Other | 2,115 | 460 | 2,487 | 1,657 | 217.30 | 1.18 | 0.78 | Q | Q | 19.7 |
| Vacant | 1,117 | 107 | 675 | 450 | 95.75 | 0.60 | 0.40 | 6.31 | 4.20 | 23.0 |
| Building Floorspace (square feet) | | | | | | | | | | |
| 1,001 to 2,000 | 763 | 199 | 1,552 | 1,034 | 260.78 | 2.04 | 1.36 | 7.81 | 5.20 | 10.2 |
| 2,001 to 5,000 | 3,237 | 572 | 3,829 | 2,550 | 176.61 | 1.18 | 0.79 | 6.70 | 4.46 | 9.1 |
| 5,001 to 10,000 | 4,986 | 530 | 3,565 | 2,374 | 106.22 | 0.71 | 0.48 | 6.73 | 4.48 | 11.1 |
| 10,001 to 25,000 | 7,636 | 836 | 5,386 | 3,587 | 109.52 | 0.71 | 0.47 | 6.44 | 4.29 | 9.0 |
| 25,001 to 50,000 | 6,702 | 974 | 6,509 | 4,335 | 145.26 | 0.97 | 0.65 | 6.69 | 4.45 | 11.8 |
| 50,001 to 100,000 | 6,418 | 837 | 4,613 | 3,072 | 130.37 | 0.72 | 0.48 | 5.51 | 3.67 | 9.3 |
| 100,001 to 200,000 | 5,548 | 728 | 3,717 | 2,476 | 131.20 | 0.67 | 0.45 | 5.11 | 3.40 | 15.9 |
| 200,001 to 500,000 | 5,160 | 717 | 3,919 | 2,610 | 139.02 | 0.76 | 0.51 | 5.46 | 3.64 | 9.4 |
| Over 500,000 | 2,703 | 398 | 2,571 | 1,712 | 147.41 | 0.95 | 0.63 | 6.45 | 4.30 | 17.7 |
| Year Constructed | | | | | | | | | | |
| 1899 or Before | 1,951 | 224 | 2,162 | 1,440 | 115.01 | 1.11 | 0.74 | 9.63 | 6.42 | 19.2 |
| 1900 to 1919 | 4,611 | 333 | 2,214 | 1,474 | 72.27 | 0.48 | 0.32 | 6.64 | 4.42 | 13.0 |
| 1920 to 1945 | 8,591 | 901 | 5,504 | 3,666 | 104.85 | 0.64 | 0.43 | 6.11 | 4.07 | 16.5 |
| 1946 to 1959 | 8,312 | 978 | 6,188 | 4,121 | 117.62 | 0.74 | 0.50 | 6.33 | 4.22 | 11.0 |
| 1960 to 1969 | 9,328 | 1,418 | 8,275 | 5,511 | 152.00 | 0.89 | 0.59 | 5.84 | 3.89 | 7.4 |
| 1970 to 1979 | 10,361 | 1,936 | 11,320 | 7,539 | 186.91 | 1.09 | 0.73 | 5.85 | 3.89 | 7.3 |

¹ Census Division Data were not collected in 1979.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

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Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-143 of the 1979 Nonresidential Buildings Energy Consumption Survey.

Table C10.79s. Total and Average Site Consumption and Expenditures for Electricity in Commercial Buildings, 1979

| Building Characteristics | Total | | | | Average | | | | | RSE Row Factors |
|--------------------------------------|--------------------------------|-------------------------------|-----------------------------------|-----------------|---|---|-----------------|--|-----------------|-----------------------|
| | Floorspace (million sq.ft.) | Consumption (trillion Btu) | Expenditures (million dollars) | | Consumption (thousand Btu per sq.ft.) | Expenditures (dollars per sq.ft.) | | Expenditures (dollars per million Btu) | | |
| | | | 1987 Dollars | 1979 Dollars | | 1987 Dollars | 1979 Dollars | 1987 Dollars | 1979 Dollars | |
| | | | | | | | | | | |
| RSE Column Factors: | 0.9 | 1.4 | 1.4 | 1.4 | 1.2 | 1.2 | 1.2 | 0.5 | 0.5 | |
| All Buildings | 43,153 | 1,908 | 35,662 | 23,751 | 44.23 | 0.83 | 0.55 | 18.69 | 12.45 | 6.3 |
| Census Region | | | | | | | | | | |
| Northeast | 9,455 | 425 | 9,749 | 6,493 | 44.99 | 1.03 | 0.69 | 22.92 | 15.26 | 12.4 |
| Midwest | 14,160 | 593 | 10,524 | 7,009 | 41.91 | 0.74 | 0.49 | 17.74 | 11.81 | 8.2 |
| South | 13,425 | 662 | 11,646 | 7,756 | 49.34 | 0.87 | 0.58 | 17.58 | 11.71 | 10.8 |
| West | 6,113 | 227 | 3,743 | 2,493 | 37.21 | 0.61 | 0.41 | 16.46 | 10.96 | 16.6 |
| Census Division¹ | | | | | | | | | | |
| New England | | | | | | | | | | |
| Middle Atlantic | | | | | | | | | | |
| East North Central | | | | | | | | | | |
| West North Central | | | | | | | | | | |
| South Atlantic | | | | | | | | | | |
| East South Central | | | | | | | | | | |
| West South Central | | | | | | | | | | |
| Mountain | | | | | | | | | | |
| Pacific | | | | | | | | | | |
| Principal Building Activity | | | | | | | | | | |
| Assembly | 5,321 | 134 | 2,686 | 1,789 | 25.19 | 0.50 | 0.34 | 20.04 | 13.35 | 14.1 |
| Education | 5,965 | 163 | 2,906 | 1,936 | 27.29 | 0.49 | 0.32 | 17.85 | 11.89 | 7.4 |
| Food Sales and Service | 1,766 | 171 | 3,176 | 2,115 | 97.06 | 1.80 | 1.20 | 18.53 | 12.34 | 10.3 |
| Health Care | 1,953 | 129 | 2,017 | 1,343 | 65.81 | 1.03 | 0.69 | 15.69 | 10.45 | 11.4 |
| Lodging | 2,074 | 119 | 2,074 | 1,381 | 57.35 | 1.00 | 0.67 | 17.43 | 11.61 | 13.2 |
| Mercantile and Service | 9,922 | 361 | 6,990 | 4,655 | 36.34 | 0.70 | 0.47 | 19.38 | 12.91 | 9.6 |
| Office | 6,979 | 424 | 8,802 | 5,862 | 60.70 | 1.26 | 0.84 | 20.78 | 13.84 | 11.1 |
| Warehouse | 5,940 | 222 | 3,850 | 2,564 | 37.34 | 0.65 | 0.43 | 17.36 | 11.56 | 9.3 |
| Other | 2,115 | 151 | 2,487 | 1,657 | 71.62 | 1.18 | 0.78 | Q | Q | 25.9 |
| Vacant | 1,117 | 35 | 675 | 450 | 31.56 | 0.60 | 0.40 | 19.15 | 12.75 | 14.4 |
| Building Floorspace (square feet) | | | | | | | | | | |
| 1,001 to 2,000 | 763 | 66 | 1,552 | 1,034 | 85.95 | 2.04 | 1.36 | 23.68 | 15.77 | 14.4 |
| 2,001 to 5,000 | 3,237 | 188 | 3,829 | 2,550 | 58.21 | 1.18 | 0.79 | 20.32 | 13.53 | 9.4 |
| 5,001 to 10,000 | 4,986 | 175 | 3,565 | 2,374 | 35.01 | 0.71 | 0.48 | 20.42 | 13.60 | 8.3 |
| 10,001 to 25,000 | 7,636 | 276 | 5,386 | 3,587 | 36.10 | 0.71 | 0.47 | 19.54 | 13.01 | 9.2 |
| 25,001 to 50,000 | 6,702 | 321 | 6,509 | 4,335 | 47.88 | 0.97 | 0.65 | 20.28 | 13.51 | 15.7 |
| 50,001 to 100,000 | 6,418 | 276 | 4,613 | 3,072 | 42.97 | 0.72 | 0.48 | 16.73 | 11.14 | 8.2 |
| 100,001 to 200,000 | 5,548 | 240 | 3,717 | 2,476 | 43.24 | 0.67 | 0.45 | 15.50 | 10.32 | 15.1 |
| 200,001 to 500,000 | 5,160 | 236 | 3,919 | 2,610 | 45.82 | 0.76 | 0.51 | 16.58 | 11.04 | 8.1 |
| Over 500,000 | 2,703 | 131 | 2,571 | 1,712 | 48.59 | 0.95 | 0.63 | 19.58 | 13.04 | 14.1 |
| Year Constructed | | | | | | | | | | |
| 1899 or Before | 1,951 | 74 | 2,162 | 1,440 | 37.91 | 1.11 | 0.74 | 29.23 | 19.47 | 33.1 |
| 1900 to 1919 | 4,611 | 110 | 2,214 | 1,474 | 23.82 | 0.48 | 0.32 | 20.16 | 13.42 | 11.5 |
| 1920 to 1945 | 8,591 | 297 | 5,504 | 3,666 | 34.56 | 0.64 | 0.43 | 18.54 | 12.35 | 13.0 |
| 1946 to 1959 | 8,312 | 322 | 6,188 | 4,121 | 38.77 | 0.74 | 0.50 | 19.20 | 12.79 | 10.5 |
| 1960 to 1969 | 9,328 | 467 | 8,275 | 5,511 | 50.10 | 0.89 | 0.59 | 17.71 | 11.79 | 6.3 |
| 1970 to 1979 | 10,361 | 638 | 11,320 | 7,539 | 61.60 | 1.09 | 0.73 | 17.74 | 11.81 | 8.3 |

¹ Census Division Data were not collected in 1979.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

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Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-143 of the 1979 Nonresidential Buildings Energy Consumption Survey.

Table C11.79. Total and Average Consumption and Expenditures for Natural Gas in Commercial Buildings, 1979

| Building Characteristics | Total | | | | Average | | | | | RSE Row Factors |
|--------------------------------------|--------------------------------|-------------------------------|-----------------------------------|-----------------|---|---|-----------------|--|-----------------|-----------------------|
| | Floorspace (million sq.ft.) | Consumption (trillion Btu) | Expenditures (million dollars) | | Consumption (thousand Btu per sq.ft.) | Expenditures (dollars per sq.ft.) | | Expenditures (dollars per million Btu) | | |
| | | | 1987 Dollars | 1979 Dollars | | 1987 Dollars | 1979 Dollars | 1987 Dollars | 1979 Dollars | |
| | | | | | | | | | | |
| RSE Column Factors: | 1.1 | 1.6 | 1.5 | 1.5 | 1.3 | 1.2 | 1.2 | 0.4 | 0.4 | |
| All Buildings | 30,477 | 2,174 | 8,729 | 5,814 | 71.35 | 0.29 | 0.19 | 4.01 | 2.67 | 6.3 |
| Census Region | | | | | | | | | | |
| Northeast | 6,746 | 443 | 1,982 | 1,320 | 65.64 | 0.29 | 0.20 | 4.48 | 2.98 | 17.6 |
| Midwest | 11,807 | 1,007 | 3,824 | 2,547 | 85.25 | 0.32 | 0.22 | 3.80 | 2.53 | 7.7 |
| South | 7,771 | 470 | 1,885 | 1,255 | 60.46 | 0.24 | 0.16 | 4.01 | 2.67 | 11.1 |
| West | 4,153 | 255 | 1,039 | 692 | 61.47 | 0.25 | 0.17 | 4.07 | 2.71 | 11.6 |
| Census Division ¹ | | | | | | | | | | |
| New England | | | | | | | | | | |
| Middle Atlantic | | | | | | | | | | |
| East North Central | | | | | | | | | | |
| West North Central | | | | | | | | | | |
| South Atlantic | | | | | | | | | | |
| East South Central | | | | | | | | | | |
| West South Central | | | | | | | | | | |
| Mountain | | | | | | | | | | |
| Pacific | | | | | | | | | | |
| Principal Building Activity | | | | | | | | | | |
| Assembly | 4,001 | 214 | 838 | 558 | 53.50 | 0.21 | 0.14 | 3.91 | 2.61 | 11.1 |
| Education | 4,170 | 214 | 828 | 551 | 51.29 | 0.20 | 0.13 | 3.87 | 2.58 | 9.4 |
| Food Sales and Service | 1,141 | 145 | 657 | 438 | 127.16 | 0.58 | 0.38 | 4.53 | 3.02 | 9.1 |
| Health Care | 1,742 | 221 | 857 | 571 | 127.03 | 0.49 | 0.33 | 3.87 | 2.58 | 11.1 |
| Lodging | 1,527 | 115 | 437 | 291 | 75.52 | 0.29 | 0.19 | 3.79 | 2.53 | 9.8 |
| Mercantile and Service | 7,563 | 422 | 1,848 | 1,231 | 55.85 | 0.24 | 0.16 | 4.38 | 2.91 | 8.2 |
| Office | 4,611 | 272 | 1,093 | 728 | 59.05 | 0.24 | 0.16 | 4.01 | 2.67 | 6.9 |
| Warehouse | 3,639 | 305 | 1,063 | 708 | 83.90 | 0.29 | 0.19 | 3.48 | 2.32 | 17.2 |
| Other | 1,393 | 232 | 955 | 636 | 166.55 | 0.69 | 0.46 | 4.11 | 2.74 | 13.5 |
| Vacant | 690 | 33 | 153 | 102 | 47.39 | 0.22 | 0.15 | 4.67 | 3.11 | 22.2 |
| Building Floorspace (square feet) | | | | | | | | | | |
| 1,001 to 2,000 | 414 | 76 | 357 | 238 | 183.21 | 0.86 | 0.57 | 4.70 | 3.13 | 10.8 |
| 2,001 to 5,000 | 1,924 | 233 | 973 | 648 | 121.09 | 0.51 | 0.34 | 4.18 | 2.78 | 7.5 |
| 5,001 to 10,000 | 3,237 | 337 | 1,378 | 918 | 104.03 | 0.43 | 0.28 | 4.09 | 2.73 | 9.9 |
| 10,001 to 25,000 | 5,172 | 494 | 1,950 | 1,299 | 95.52 | 0.38 | 0.25 | 3.95 | 2.63 | 21.0 |
| 25,001 to 50,000 | 4,762 | 235 | 981 | 653 | 49.40 | 0.21 | 0.14 | 4.17 | 2.78 | 8.2 |
| 50,001 to 100,000 | 4,472 | 267 | 1,054 | 702 | 59.74 | 0.24 | 0.16 | 3.95 | 2.63 | 9.9 |
| 100,001 to 200,000 | 4,268 | 194 | 771 | 513 | 45.45 | 0.18 | 0.12 | 3.97 | 2.65 | 9.9 |
| 200,001 to 500,000 | 4,122 | 221 | 818 | 545 | 53.63 | 0.20 | 0.13 | 3.70 | 2.46 | 9.7 |
| Over 500,000 | 2,106 | 117 | 447 | 298 | 55.74 | 0.21 | 0.14 | 3.81 | 2.54 | 13.4 |
| Year Constructed | | | | | | | | | | |
| 1899 or Before | 1,479 | 88 | 333 | 222 | 59.74 | 0.22 | 0.15 | 3.77 | 2.51 | 15.6 |
| 1900 to 1919 | 3,676 | 185 | 701 | 467 | 50.21 | 0.19 | 0.13 | 3.80 | 2.53 | 10.7 |
| 1920 to 1945 | 6,374 | 595 | 2,338 | 1,557 | 93.31 | 0.37 | 0.24 | 3.93 | 2.62 | 17.9 |
| 1946 to 1959 | 6,067 | 388 | 1,666 | 1,110 | 64.01 | 0.27 | 0.18 | 4.29 | 2.86 | 9.5 |
| 1960 to 1969 | 6,920 | 457 | 1,853 | 1,234 | 65.97 | 0.27 | 0.18 | 4.06 | 2.70 | 6.5 |
| 1970 to 1979 | 5,961 | 462 | 1,838 | 1,224 | 77.47 | 0.31 | 0.21 | 3.98 | 2.65 | 7.6 |

¹ Census Division Data were not collected in 1979.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-143 of the 1979 Nonresidential Buildings Energy Consumption Survey.

Table C12.79. Total and Average Consumption and Expenditures for Fuel Oil in Commercial Buildings, 1979

| Building Characteristics | Total | | | | Average | | | | | RSE Row Factors |
|--------------------------------------|--------------------------------|-------------------------------|-----------------------------------|-----------------|---|---|-----------------|--|-----------------|-----------------------|
| | Floorspace (million sq.ft.) | Consumption (trillion Btu) | Expenditures (million dollars) | | Consumption (thousand Btu per sq.ft.) | Expenditures (dollars per sq.ft.) | | Expenditures (dollars per million Btu) | | |
| | | | 1987 Dollars | 1979 Dollars | | 1987 Dollars | 1979 Dollars | 1987 Dollars | 1979 Dollars | |
| | | | | | | | | | | |
| RSE Column Factors: | 1.3 | 1.7 | 1.7 | 1.7 | 1.4 | 1.4 | 1.4 | 0.2 | 0.2 | |
| All Buildings | 11,397 | 681 | 4,152 | 2,765 | 59.73 | 0.36 | 0.24 | 6.10 | 4.06 | 5.7 |
| Census Region | | | | | | | | | | |
| Northeast | 4,415 | 285 | 1,725 | 1,149 | 64.52 | 0.39 | 0.26 | 6.05 | 4.03 | 7.1 |
| Midwest | 2,973 | 133 | 855 | 569 | 44.88 | 0.29 | 0.19 | 6.41 | 4.27 | 13.9 |
| South | 2,968 | 237 | 1,399 | 931 | 79.74 | 0.47 | 0.31 | 5.91 | 3.94 | 9.6 |
| West | 1,040 | 26 | 173 | 116 | 24.76 | 0.17 | 0.11 | 6.73 | 4.48 | 20.1 |
| Census Division¹ | | | | | | | | | | |
| New England | | | | | | | | | | |
| Middle Atlantic | | | | | | | | | | |
| East North Central | | | | | | | | | | |
| West North Central | | | | | | | | | | |
| South Atlantic | | | | | | | | | | |
| East South Central | | | | | | | | | | |
| West South Central | | | | | | | | | | |
| Mountain | | | | | | | | | | |
| Pacific | | | | | | | | | | |
| Principal Building Activity | | | | | | | | | | |
| Assembly | 1,372 | 61 | 399 | 266 | 44.21 | 0.29 | 0.19 | 6.59 | 4.39 | 10.1 |
| Education | 2,285 | 107 | 594 | 396 | 46.91 | 0.26 | 0.17 | 5.54 | 3.69 | 10.2 |
| Food Sales and Service | 319 | 15 | 108 | 72 | 47.92 | 0.34 | 0.23 | 7.08 | 4.71 | 15.4 |
| Health Care | 1,117 | 97 | 555 | 370 | 86.59 | 0.50 | 0.33 | 5.74 | 3.82 | 13.7 |
| Lodging | 453 | 20 | 118 | 78 | 43.81 | 0.26 | 0.17 | 5.93 | 3.95 | 18.1 |
| Mercantile and Service | 2,087 | 103 | 686 | 457 | 49.39 | 0.33 | 0.22 | 6.66 | 4.44 | 9.8 |
| Office | 1,748 | 107 | 666 | 443 | 61.03 | 0.38 | 0.25 | 6.24 | 4.16 | 12.2 |
| Warehouse | 1,302 | 97 | 601 | 400 | 74.46 | 0.46 | 0.31 | 6.20 | 4.13 | 14.6 |
| Other | 537 | 59 | 333 | 222 | 110.20 | 0.62 | 0.41 | 5.64 | 3.76 | 22.2 |
| Vacant | 177 | Q | Q | Q | 85.68 | 0.51 | 0.34 | 5.97 | 3.97 | 21.2 |
| Building Floorspace (square feet) | | | | | | | | | | |
| 1,001 to 2,000 | 128 | 14 | 95 | 63 | 106.57 | 0.74 | 0.49 | 6.94 | 4.62 | 10.3 |
| 2,001 to 5,000 | 625 | 82 | 557 | 371 | 130.65 | 0.89 | 0.59 | 6.82 | 4.54 | 12.6 |
| 5,001 to 10,000 | 1,164 | 82 | 546 | 364 | 70.11 | 0.47 | 0.31 | 6.69 | 4.46 | 10.8 |
| 10,001 to 25,000 | 1,757 | 125 | 792 | 527 | 70.98 | 0.45 | 0.30 | 6.35 | 4.23 | 14.6 |
| 25,001 to 50,000 | 1,585 | 92 | 568 | 378 | 58.10 | 0.36 | 0.24 | 6.17 | 4.11 | 14.0 |
| 50,001 to 100,000 | 1,385 | 56 | 318 | 212 | 40.11 | 0.23 | 0.15 | 5.72 | 3.81 | 12.5 |
| 100,001 to 200,000 | 1,921 | 120 | 666 | 444 | 62.45 | 0.35 | 0.23 | 5.56 | 3.70 | 10.9 |
| 200,001 to 500,000 | 1,843 | 82 | 445 | 296 | 44.31 | 0.24 | 0.16 | 5.45 | 3.63 | 10.1 |
| Over 500,000 | 990 | Q | Q | Q | Q | Q | Q | 5.52 | 3.68 | 23.6 |
| Year Constructed | | | | | | | | | | |
| 1899 or Before | 551 | 35 | 223 | 149 | 64.23 | 0.41 | 0.27 | 6.31 | 4.21 | 19.2 |
| 1900 to 1919 | 1,296 | 76 | 460 | 306 | 58.85 | 0.35 | 0.24 | 6.03 | 4.01 | 12.2 |
| 1920 to 1945 | 2,685 | 149 | 929 | 619 | 55.32 | 0.35 | 0.23 | 6.26 | 4.17 | 11.3 |
| 1946 to 1959 | 2,730 | 164 | 986 | 656 | 60.00 | 0.36 | 0.24 | 6.02 | 4.01 | 8.5 |
| 1960 to 1969 | 2,091 | 130 | 758 | 505 | 61.98 | 0.36 | 0.24 | 5.85 | 3.90 | 11.4 |
| 1970 to 1979 | 2,044 | 127 | 795 | 530 | 62.22 | 0.39 | 0.26 | 6.26 | 4.17 | 12.8 |

¹ Census Division Data were not collected in 1979.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-143 of the 1979 Nonresidential Buildings Energy Consumption Survey.

Table C13.79. Total and Average Consumption and Expenditures for District Heat in Commercial Buildings, 1979

| Building Characteristics | Total | | | Average | | | RSE Row Factors |
|--|--------------------------------|-------------------------------|--|---|--|---|-----------------------|
| | Floorspace (million sq.ft.) | Consumption (trillion Btu) | Expenditures ¹ (million dollars) | Consumption (thousand Btu per sq.ft.) | Expenditures ¹ (dollars per sq.ft.) | Expenditures ¹ (dollars per million Btu) | |
| | RSE Column Factors: | 1.5 | 1.5 | 0.8 | 0.9 | 0.4 | |
| All Buildings | 3,722 | 201 | 1,267 | 54.04 | 0.34 | 6.30 | 10.9 |
| Census Region | | | | | | | |
| Northeast | 1,209 | 64 | 444 | 52.88 | 0.37 | 6.95 | 19.3 |
| Midwest | 1,514 | 93 | 535 | 61.51 | 0.35 | 5.75 | 20.4 |
| South | 631 | 26 | 163 | 41.82 | 0.26 | 6.18 | 17.8 |
| West | 368 | 18 | 124 | 48.00 | 0.34 | 7.02 | 25.9 |
| Census Division² | | | | | | | |
| New England | | | | | | | |
| Middle Atlantic | | | | | | | |
| East North Central | | | | | | | |
| West North Central | | | | | | | |
| South Atlantic | | | | | | | |
| East South Central | | | | | | | |
| West South Central | | | | | | | |
| Mountain | | | | | | | |
| Pacific | | | | | | | |
| Principal Building Activity | | | | | | | |
| Assembly | 502 | 20 | 117 | 40.42 | 0.23 | 5.76 | 20.6 |
| Education | 399 | 27 | 169 | 68.51 | 0.42 | 6.17 | 26.6 |
| Food Sales and Service | 63 | 5 | 27 | 74.14 | 0.43 | 5.81 | 30.4 |
| Health Care | 212 | 22 | 109 | 104.44 | 0.51 | 4.92 | 14.9 |
| Lodging | 468 | 24 | 158 | 52.09 | 0.34 | 6.49 | 20.8 |
| Mercantile and Service | 304 | Q | Q | 24.56 | 0.14 | 5.53 | 18.8 |
| Office | 1,149 | 58 | 405 | 50.64 | 0.35 | 6.96 | 10.8 |
| Warehouse | 159 | Q | Q | Q | Q | 7.42 | 41.7 |
| Other | 297 | 13 | 74 | 44.78 | 0.25 | 5.57 | 27.7 |
| Vacant | Q | Q | Q | Q | Q | 6.31 | 38.7 |
| Building Floorspace (square feet) | | | | | | | |
| 1,001 to 2,000 | Q | Q | Q | 9.31 | 0.08 | 8.25 | 0.0 |
| 2,001 to 5,000 | Q | Q | Q | 235.83 | 1.65 | 6.99 | 0.0 |
| 5,001 to 10,000 | 49 | Q | Q | Q | Q | 6.91 | 23.5 |
| 10,001 to 25,000 | 184 | 8 | 52 | 43.04 | 0.28 | 6.61 | 27.2 |
| 25,001 to 50,000 | 349 | 21 | 123 | 60.65 | 0.35 | 5.80 | 19.7 |
| 50,001 to 100,000 | 542 | 32 | 180 | 59.03 | 0.33 | 5.62 | 13.1 |
| 100,001 to 200,000 | 644 | 41 | 278 | 63.76 | 0.43 | 6.75 | 28.8 |
| 200,001 to 500,000 | 1,183 | 57 | 339 | 48.27 | 0.29 | 5.94 | 15.3 |
| Over 500,000 | 763 | 38 | 268 | 49.81 | 0.35 | 7.05 | 14.1 |
| Year Constructed | | | | | | | |
| 1899 or Before | 288 | 14 | Q | 47.71 | 0.33 | 6.99 | 30.6 |
| 1900 to 1919 | 653 | 29 | 208 | 44.55 | 0.32 | 7.15 | 32.4 |
| 1920 to 1945 | 830 | 40 | 240 | 47.67 | 0.29 | 6.07 | 16.2 |
| 1946 to 1959 | 595 | 39 | 235 | 65.93 | 0.40 | 6.00 | 15.3 |
| 1960 to 1969 | 846 | 49 | 303 | 57.64 | 0.36 | 6.21 | 11.7 |
| 1970 to 1979 | 509 | 31 | 184 | 60.31 | 0.36 | 5.99 | 16.5 |

¹ Current (1979) dollars only.

² Census Division Data were not collected in 1979.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-143 of the 1979 Nonresidential Buildings Energy Consumption Survey.