Table R8.82p. Total and Average Primaary Consumption and Expenditures for All Major Energy Sources in Residential Buildings, 1982

| 111 1/03                                | identiai Buildi                | 95, 1562                   |                 |                     |   |   |                 |  |                 |              |
|---|--------------------------------|----------------------------|-----------------|---------------------|---|---|-----------------|--|-----------------|--------------|
|   |                                | Average                    |                 |                     |   |   |                 |  |                 |              |
|   |                                |                            |                 | ditures<br>dollars) |   | Expenditures<br>(dollars per<br>sq.ft.) |                 | Expenditures<br>(dollars per<br>million Btu) |                 |              |
| Building Characteristics                | Floorspace<br>(million sq.ft.) | Consumption (trillion Btu) | 1987<br>Dollars | 1982<br>Dollars     | Consumption<br>(thousand Btu<br>per sq.ft.) | 1987<br>Dollars                         | 1982<br>Dollars | 1987<br>Dollars                              | 1982<br>Dollars | RSE<br>Row   |
| RSE Column Factors:                     | 1.6                            | 1.5                        | 1.6             | 1.6                 | 0.9   | 0.9                                     | 0.9             | 0.5  | 0.5             | Fac-<br>tors |
| All Buildings                           | 142,247                        | 13,417                     | 102,034         | 86,525              | 94.32                                       | 0.72                                    | 0.61            | 7.60   | 6.45            | 1.3          |
| Census Region                           |                                |                            |                 |                     |   |   |                 |  |                 |              |
| Northeast                               | 34,352                         | 2,943                      | 28,635          | 24,283              | 85.67                                       | 0.83                                    | 0.71            | 9.73   |                 |              |
| Midwest                                 | 39,916                         | 3,763                      | 26,531          | 22,498              | 94.28                                       | 0.66                                    | 0.56            | 7.05   | 5.98            |              |
| South                                   | 43,688                         | 4,525                      | 33,093          |                     | 103.56                                      | 0.76                                    | 0.64            | 7.31   | 6.20            |              |
| West                                    | 24,291                         | 2,186                      | 13,776          | 11,682              | 89.99                                       | 0.57                                    | 0.48            | 6.30   | 5.34            | 2.0          |
| Census Division                         |                                |                            |                 |                     |   |   |                 |  |                 |              |
| New England                             | 9,134                          | 702                        | 6,960           | 5,902               | 76.90                                       | 0.76                                    | 0.65            | 9.91   | 8.40            |              |
| Middle Atlantic                         | 25,219                         | 2,241                      | 21,675          | 18,380              | 88.85                                       | 0.86                                    | 0.73            | 9.67   | 8.20            |              |
| East North Central                      | 27,434                         | 2,615                      | 18,708          | 15,865              | 95.31                                       | 0.68                                    | 0.58            | 7.15   | 6.07            |              |
| West North Central South Atlantic       | 12,482                         | 1,148                      | 7,822           | 6,633               | 92.00                                       | 0.63                                    | 0.53            | 6.81   | 5.78            | 3.9          |
| East South Central                      | 22,298<br>9,103                | 2,045<br>985               | 16,193<br>6,078 | 13,732<br>5,154     | 91.71<br>108.18                             | 0.73<br>0.67                            | 0.62<br>0.57    | 7.92<br>6.17                                 | 6.71<br>5.23    | 4.2<br>4.5   |
| West South Central                      | 12,287                         | 1,495                      | 10,822          |                     | 121.65                                      | 0.87                                    | 0.57            |  | 6.14            |              |
| Mountain                                | 6,458                          | 647                        | 4,294           | 3,641               | 100.24                                      | 0.66                                    | 0.75            | 6.63   |                 |              |
| Pacific                                 | 17,833                         | 1,539                      | 9,482           |                     | 86.29                                       | 0.53                                    | 0.45            | 6.16   |                 |              |
| Type of Home                            |                                |                            |                 |                     |   |   |                 |  |                 |              |
| Type of Home  Mobile Home Single-Family | 3,220                          | 495                        | 3,798           | 3,221               | 153.84                                      | 1.18                                    | 1.00            | 7.67   | 6.50            | 6.3          |
| Detached                                | 110,840                        | 9,703                      | 71,454          | 60,593              | 87.54                                       | 0.64                                    | 0.55            | 7.36   | 6.24            | 1.8          |
| Attached                                | 6,916                          | 629                        | 5,191           | 4,402               | 90.89                                       | 0.75                                    | 0.64            | 8.26   | 7.00            | 7.9          |
| 2 to 4 Units                            | 11,543                         | 1,345                      | 11,142          | 9,448               | 116.55                                      | 0.97                                    | 0.82            | 8.28   | 7.02            | 4.6          |
| 5 or More Units                         | 9,728                          | 1,245                      | 10,450          | 8,862               | 127.96                                      | 1.07                                    | 0.91            | 8.39   | 7.12            | 4.1          |
| Building Floorspace<br>(square feet)    |                                |                            |                 |                     |   |   |                 |  |                 |              |
| Fewer than 1,001                        | 7,726                          | 1,196                      | 9,024           | 7,653               | 154.77                                      | 1.17                                    | 0.99            | 7.55   | 6.40            | 3.0          |
| 1,001 to 2,000                          | 40,297                         | 4,530                      | 33,132          |                     | 112.41                                      | 0.82                                    | 0.70            |  | 6.20            |              |
| 2,001 to 5,000                          | 76,236                         | 6,111                      | 46,564          | 39,486              | 80.16                                       | 0.61                                    | 0.52            |  |                 |              |
| 5,001 to 10,000                         | 12,363                         | 907                        | 7,371           | 6,250               | 73.37                                       | 0.60                                    | 0.51            | 8.13   |                 |              |
| 10,001 to 25,000                        | 2,844                          | 312                        | 2,543           | 2,156               | 109.68                                      | 0.89                                    | 0.76            | 8.15   | 6.91            | 5.8          |
| 25,001 to 50,000                        | 1,089                          | 135                        | 1,081           | 916                 | 123.68                                      | 0.99                                    | 0.84            | 8.02   | 6.80            | 13.7         |
| 50,001 to 100,000                       | 654                            | 82                         | 770             | 653                 | 124.89                                      | 1.18                                    | 1.00            | 9.42   | 7.99            | 14.9         |
| 100,001 to 200,000                      | 691                            | 93                         | 912             |                     | 134.95                                      | 1.32                                    | 1.12            |  | 8.30            |              |
| Over 200,000                            | Q                              | Q                          | Q               | Q                   | 148.53                                      | 1.84                                    | 1.56            | 12.38  | 10.50           | 17.7         |
| Year Constructed                        |                                |                            |                 |                     |   |   |                 |  |                 |              |
| 1939 or Before                          | 41,179                         | 3,733                      | 30,049          | 25,482              | 90.65                                       | 0.73                                    | 0.62            | 8.05   | 6.83            | 3.2          |
| 1940 to 1949                            | 11,681                         | 1,110                      | 8,632           |                     | 95.04                                       | 0.74                                    | 0.63            | 7.78   | 6.59            | 4.6          |
| 1950 to 1959                            | 22,210                         | 2,136                      | 16,469          | 13,966              | 96.15                                       | 0.74                                    | 0.63            | 7.71   | 6.54            |              |
| 1960 to 1969                            | 28,507                         | 2,755                      | 20,461          | 17,351              | 96.65                                       | 0.72                                    | 0.61            | 7.43   | 6.30            |              |
| 1970 to 1979                            | 34,197                         | 3,278                      | 23,593          | 20,007              | 95.85                                       | 0.69                                    | 0.59            | 7.20   | 6.10            |              |
| 1980 to 1982                            | 4,474                          | 406                        | 2,829           | 2,399               | 90.63                                       | 0.63                                    | 0.54            | 6.98   | 5.92            | 8.3          |

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households 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.

<sup>•</sup> See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

Table R8.82s. Total and Average Site Consumption and Expenditures for All Major Energy Sources in Residential Buildings, 1982

| - ItCSIGC                               | inda Bunding                   | 3, 1302                       |                 |                     |   |   |                 |  |                 | _            |  |
|---|--------------------------------|-------------------------------|-----------------|---------------------|---|---|-----------------|--|-----------------|--------------|--|
|   |                                | Average                       |                 |                     |   |   |                 |  |                 |              |  |
|   |                                |                               |                 | ditures<br>dollars) |   | Expenditures<br>(dollars per<br>sq.ft.) |                 | Expenditures<br>(dollars per<br>million Btu) |                 |              |  |
| Building Characteristics                | Floorspace<br>(million sq.ft.) | Consumption<br>(trillion Btu) | 1987<br>Dollars | 1982<br>Dollars     | Consumption<br>(thousand Btu<br>per sq.ft.) | 1987<br>Dollars                         | 1982<br>Dollars | 1987<br>Dollars                              | 1982<br>Dollars | RSE<br>Row   |  |
| RSE Column Factors:                     | 1.5                            | 1.4                           | 1.4             | 1.4                 | 0.9   | 0.8                                     | 0.8             | 0.6  | 0.6             | Fac-<br>tors |  |
| All Buildings                           | 142,247                        | 8,575                         | 102,034         | 86,525              | 60.28                                       | 0.72                                    | 0.61            | 11.90  | 10.09           | 1.4          |  |
| Census Region                           |                                |                               |                 |                     |   |   |                 |  |                 |              |  |
| Northeast                               | 34,352                         | 2,185                         | 28,635          | 24,283              | 63.61                                       | 0.83                                    | 0.71            | 13.10  | 11.11           |              |  |
| Midwest                                 | 39,916                         | 2,610                         | 26,531          | 22,498              | 65.38                                       | 0.66                                    | 0.56            | 10.17  | 8.62            |              |  |
| South                                   | 43,688                         | 2,446                         | 33,093          | 28,063              | 55.98                                       | 0.76                                    | 0.64            |  |                 |              |  |
| West                                    | 24,210                         | 1,334                         | 13,776          | 11,682              | 54.93                                       | 0.57                                    | 0.48            | 10.32  | 8.75            | 2.3          |  |
| Census Division                         |                                |                               |                 |                     |   |   |                 |  |                 |              |  |
| New England                             | 9,134                          | 513                           | 6,960           | 5,902               | 56.20                                       | 0.76                                    | 0.65            | 13.56  |                 |              |  |
| Middle Atlantic                         | 25,219                         | 1,672                         | 21,675          | 18,380              | 66.30                                       | 0.86                                    | 0.73            | 12.96  | 10.99           |              |  |
| East North Central                      | 27,434                         | 1,837                         | 18,708          | 15,865              | 66.97                                       | 0.68                                    | 0.58            | 10.18  | 8.64            |              |  |
| West North Central                      | 12,482                         | 773                           | 7,822           | 6,633               | 61.90                                       | 0.63                                    | 0.53            | 10.12  | 8.59            |              |  |
| South Atlantic                          | 22,298                         | 1,104                         | 16,193          | 13,732              | 49.50                                       | 0.73                                    | 0.62            |  | 12.44           |              |  |
| East South Central                      | 9,103<br>12,287                | 474<br>868                    | 6,078<br>10,822 | 5,154<br>9,177      | 52.11<br>70.62                              | 0.67<br>0.88                            | 0.57<br>0.75    | 12.81<br>12.47                               | 10.87<br>10.58  |              |  |
| Mountain                                | 6,458                          | 412                           | 4,294           | 3,641               | 63.75                                       | 0.66                                    | 0.75            | 10.43  |                 |              |  |
| Pacific                                 | 17,833                         | 923                           | 9,482           | 8,040               | 51.74                                       | 0.53                                    | 0.45            | 10.28  | 8.71            |              |  |
| T                                       |                                |                               |                 |                     |   |   |                 |  |                 |              |  |
| Type of Home  Mobile Home Single-Family | 3,220                          | 268                           | 3,798           | 3,221               | 83.29                                       | 1.18                                    | 1.00            | 14.16  | 12.01           | 7.6          |  |
| Detached                                | 110,840                        | 6,066                         | 71,454          | 60,593              | 54.73                                       | 0.64                                    | 0.55            | 11.78  | 9.99            | 2.0          |  |
| Attached                                | 6,916                          | 434                           | 5,191           | 4,402               | 62.75                                       | 0.75                                    | 0.64            | 11.96  | 10.14           | 7.9          |  |
| 2 to 4 Units                            | 11,543                         | 981                           | 11,142          | 9,448               | 85.00                                       | 0.97                                    | 0.82            | 11.36  | 9.63            | 4.8          |  |
| 5 or More Units                         | 9,728                          | 826                           | 10,450          | 8,862               | 84.86                                       | 1.07                                    | 0.91            | 12.66  | 10.73           | 4.6          |  |
| Building Floorspace                     |                                |                               |                 |                     |   |   |                 |  |                 |              |  |
| (square feet) Fewer than 1,001          | 7,726                          | 708                           | 9,024           | 7,653               | 91.67                                       | 1.17                                    | 0.99            | 12.74  | 10.81           | 3.5          |  |
| 1,001 to 2,000                          | 40,297                         | 2,784                         | 33,132          | 28,096              | 69.09                                       | 0.82                                    | 0.33            |  | 10.01           |              |  |
| 2,001 to 5,000                          | 76,236                         | 4,025                         | 46,564          | 39,486              | 52.80                                       | 0.61                                    | 0.52            |  | 9.81            |              |  |
| 5,001 to 10,000                         | 12,363                         | 604                           | 7,371           | 6,250               | 48.83                                       | 0.60                                    | 0.51            | 12.21  | 10.35           |              |  |
| 10,001 to 25,000                        | 2,844                          | 206                           | 2,543           | 2,156               | 72.30                                       | 0.89                                    | 0.76            | 12.37  | 10.49           | 6.9          |  |
| 25,001 to 50,000                        | 1,089                          | 86                            | 1,081           | 916                 | 79.22                                       | 0.99                                    | 0.84            | 12.52  | 10.62           | 16.4         |  |
| 50,001 to 100,000                       | 654                            | 54                            | 770             | 653                 | 81.79                                       | 1.18                                    | 1.00            | 14.39  | 12.20           | 18.7         |  |
| 100,001 to 200,000                      | 691                            | 65                            | 912             |                     | 94.13                                       | 1.32                                    | 1.12            | 14.03  | 11.90           | 19.4         |  |
| Over 200,000                            | Q                              | Q                             | Q               | Q                   | 124.74                                      | 1.84                                    | 1.56            | 14.74  | 12.50           | 18.2         |  |
| Year Constructed                        |                                |                               |                 |                     |   |   |                 |  |                 |              |  |
| 1939 or Before                          | 41,179                         | 2,758                         | 30,049          | 25,482              | 66.97                                       | 0.73                                    | 0.62            | 10.90  | 9.24            | 3.4          |  |
| 1940 to 1949                            | 11,681                         | 751                           | 8,632           | 7,320               | 64.30                                       | 0.74                                    | 0.63            | 11.49  | 9.74            | 5.0          |  |
| 1950 to 1959                            | 22,210                         | 1,444                         | 16,469          | 13,966              | 65.01                                       | 0.74                                    | 0.63            | 11.41  | 9.67            | 3.1          |  |
| 1960 to 1969                            | 28,507                         | 1,679                         | 20,461          | 17,351              | 58.90                                       | 0.72                                    | 0.61            | 12.19  | 10.33           |              |  |
| 1970 to 1979                            | 34,197                         | 1,751                         | 23,593          | 20,007              | 51.19                                       | 0.69                                    | 0.59            | 13.48  | 11.43           |              |  |
| 1980 to 1982                            | 4,474                          | 193                           | 2,829           | 2,399               | 43.12                                       | 0.63                                    | 0.54            | 14.67  | 12.44           | 9.7          |  |

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households 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.

<sup>•</sup> See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

Table R9.82p. Total and Average Primary Consumption and Expenditures for Electricity in Residential Buildings, 1982

|                                |                                | Average                    |                    |                     |   |                 |                           |                 |                             |              |
|--------------------------------|--------------------------------|----------------------------|--------------------|---------------------|---|-----------------|---------------------------|-----------------|-----------------------------|--------------|
|                                |                                |                            | Expend<br>(million | ditures<br>dollars) |   | (dolla          | ditures<br>rs per<br>ft.) | (dolla          | ditures<br>rs per<br>n Btu) |              |
| Building Characteristics       | Floorspace<br>(million sq.ft.) | Consumption (trillion Btu) | 1987<br>Dollars    | 1982<br>Dollars     | Consumption<br>(thousand Btu<br>per sq.ft.) | 1987<br>Dollars | 1982<br>Dollars           | 1987<br>Dollars | 1982<br>Dollars             | RSE<br>Row   |
| RSE Column Factors:            | 1.2                            | 1.5                        | 1.4                | 1.4                 | 1.1   | 0.9             | 0.9                       | 0.5             | 0.5                         | Fac-<br>tors |
| All Buildings                  | 142,220                        | 7,187                      | 55,116             | 46,739              | 50.54                                       | 0.39            | 0.33                      | 7.67            | 6.50                        | 1.8          |
| Census Region                  |                                |                            |                    |                     |   |                 |                           |                 |                             |              |
| Northeast                      | 34,352                         | 1,125                      | 11,836             | 10,037              | 32.75                                       | 0.34            | 0.29                      | 10.52           | 8.92                        | 3.4          |
| Midwest                        | 39,916                         | 1,712                      | 12,893             | 10,934              | 42.90                                       | 0.32            | 0.27                      | 7.53            | 6.39                        | 4.2          |
| South                          | 43,678                         | 3,086                      | 22,233             | 18,854              | 70.65                                       | 0.51            | 0.43                      | 7.21            | 6.11                        | 3.0          |
| West                           | 24,274                         | 1,264                      | 8,153              | 6,914               | 52.08                                       | 0.34            | 0.28                      | 6.45            | 5.47                        | 3.7          |
| Census Division                |                                |                            |                    |                     |   |                 |                           |                 |                             |              |
| New England                    | 9,134                          | 281                        | 2,723              | 2,309               | 30.73                                       | 0.30            | 0.25                      |                 | 8.23                        |              |
| Middle Atlantic                | 25,219                         | 844                        | 9,113              | 7,728               | 33.48                                       | 0.36            | 0.31                      | 10.79           | 9.15                        |              |
| East North Central             | 27,434                         | 1,154                      | 8,839              | 7,496               | 42.08                                       | 0.32            | 0.27                      |                 | 6.49                        |              |
| West North Central             | 12,482                         | 558                        | 4,054              | 3,438               | 44.69                                       | 0.32            | 0.28                      |                 | 6.16                        |              |
| South Atlantic                 | 22,298                         | 1,397                      | 10,447             | 8,859               | 62.66                                       | 0.47            | 0.40                      |                 | 6.34                        |              |
| East South Central             | 9,093                          | 758                        | 4,526              | 3,838               | 83.34                                       | 0.50            | 0.42                      |                 | 5.06                        |              |
| Mountain                       | 12,287                         | 931<br>350                 | 7,261              | 6,157               | 75.75<br>54.30                              | 0.59<br>0.38    | 0.50                      |                 | 6.62<br>5.96                |              |
| Pacific                        | 6,442<br>17,833                | 915                        | 2,460<br>5,693     | 2,086<br>4,828      | 51.29                                       | 0.30            | 0.32<br>0.27              |                 | 5.28                        |              |
| Type of Home                   |                                |                            |                    |                     |   |                 |                           |                 |                             |              |
| Mobile Home                    | 3,220                          | 337                        | 2,460              | 2,086               | 104.72                                      | 0.76            | 0.65                      | 7.30            | 6.19                        | 7.6          |
| Detached                       | 110,814                        | 5,398                      | 40,247             | 34,129              | 48.71                                       | 0.36            | 0.31                      | 7.46            | 6.32                        | 2.4          |
| Attached                       | 6,916                          | 289                        | 2,447              | 2,075               | 41.78                                       | 0.35            | 0.30                      | 8.47            | 7.18                        | 11.5         |
| 2 to 4 Units                   | 11,543                         | 541                        | 4,725              | 4,007               | 46.83                                       | 0.41            | 0.35                      | 8.74            | 7.41                        | 5.8          |
| 5 or More Units                | 9,728                          | 622                        | 5,237              | 4,441               | 63.98                                       | 0.54            | 0.46                      | 8.41            | 7.14                        | 4.8          |
| Building Floorspace            |                                |                            |                    |                     |   |                 |                           |                 |                             |              |
| (square feet) Fewer than 1,001 | 7,699                          | 724                        | 5,408              | 4,586               | 94.00                                       | 0.70            | 0.60                      | 7.47            | 6.34                        | 3.9          |
| 1,001 to 2,000                 | 40,297                         | 2,591                      | 19,199             | 16,281              | 64.30                                       | 0.70            | 0.60                      |                 | 6.28                        |              |
| 2,001 to 5,000                 | 76,236                         | 3,096                      | 23,946             | 20,306              | 40.62                                       | 0.31            | 0.27                      |                 | 6.56                        |              |
| 5,001 to 10,000                | 12,363                         | 450                        | 3,691              | 3,130               | 36.42                                       | 0.30            | 0.25                      |                 | 6.95                        |              |
| 10,001 to 25,000               | 2,844                          | 158                        | 1,316              | 1,116               | 55.49                                       | 0.46            | 0.39                      |                 | 7.07                        |              |
| 25,001 to 50,000               | 1,089                          | 72                         | 547                | 464                 | 65.99                                       | 0.50            | 0.43                      |                 | 6.45                        |              |
| 50,001 to 100,000              | 654                            | 42                         | 387                | 329                 | 63.99                                       | 0.59            | 0.50                      |                 | 7.85                        |              |
| 100,001 to 200,000             | 691                            | 42                         | 431                | 365                 | 60.60                                       | 0.62            | 0.53                      |                 | 8.73                        |              |
| Over 200,000                   | Q                              | 12                         | 192                |                     | 35.32                                       | 0.55            | 0.47                      |                 | 13.26                       |              |
| Year Constructed               |                                |                            |                    |                     |   |                 |                           |                 |                             |              |
| 1939 or Before                 | 41,152                         | 1,447                      | 12,096             | 10,257              | 35.17                                       | 0.29            | 0.25                      | 8.36            | 7.09                        | 3.6          |
| 1940 to 1949                   | 11,681                         | 533                        | 4,153              | 3,521               | 45.62                                       | 0.36            | 0.30                      | 7.79            | 6.61                        | 5.1          |
| 1950 to 1959                   | 22,210                         | 1,027                      | 8,365              | 7,094               | 46.24                                       | 0.38            | 0.32                      | 8.15            | 6.91                        | 3.4          |
| 1960 to 1969                   | 28,507                         | 1,597                      | 12,055             | 10,223              | 56.04                                       | 0.42            | 0.36                      | 7.55            | 6.40                        |              |
| 1970 to 1979                   | 34,197                         | 2,267                      | 16,272             |                     | 66.29                                       | 0.48            | 0.40                      |                 | 6.09                        |              |
| 1980 to 1982                   | 4,474                          | 316                        | 2,175              | 1,844               | 70.53                                       | 0.49            | 0.41                      | 6.89            | 5.84                        | 10.4         |

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households 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.

<sup>•</sup> See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

Table R9.82s. Total and Average Site Consumption and Expenditures for Electricity in Residential Buildings, 1982

| 1902                                    |                                |                               |                                   |                 |   |   |                 |  |                 |              |
|---|--------------------------------|-------------------------------|-----------------------------------|-----------------|---|---|-----------------|--|-----------------|--------------|
|   | <u> </u>                       | Average                       |                                   |                 |   |   |                 |  |                 |              |
|   |                                |                               | Expenditures<br>(million dollars) |                 |   | Expenditures<br>(dollars per<br>sq.ft.) |                 | Expenditures<br>(dollars per<br>million Btu) |                 |              |
| Building Characteristics                | Floorspace<br>(million sq.ft.) | Consumption<br>(trillion Btu) | 1987<br>Dollars                   | 1982<br>Dollars | Consumption<br>(thousand Btu<br>per sq.ft.) | 1987<br>Dollars                         | 1982<br>Dollars | 1987<br>Dollars                              | 1982<br>Dollars | RSE<br>Row   |
| RSE Column Factors:                     | 1.2                            | 1.5                           | 1.4                               | 1.4             | 1.1   | 0.9                                     | 0.9             | 0.5  | 0.5             | Fac-<br>tors |
| All Buildings                           | 142,220                        | 2,346                         | 55,116                            | 46,739          | 16.49                                       | 0.39                                    | 0.33            | 23.50  | 19.93           | 1.8          |
| Census Region                           |                                |                               |                                   |                 |   |   |                 |  |                 |              |
| Northeast                               | 34,352                         | 367                           | 11,836                            | 10,037          | 10.69                                       | 0.34                                    | 0.29            |  | 27.34           |              |
| Midwest                                 | 39,916                         | 559                           | 12,893                            | 10,934          | 14.00                                       | 0.32                                    | 0.27            | 23.07  | 19.56           |              |
| South                                   | 43,678                         | 1,007<br>413                  | 22,233                            | 18,854          | 23.06<br>17.00                              | 0.51<br>0.34                            | 0.43            | 22.08<br>19.76                               |                 |              |
| West                                    | 24,274                         | 413                           | 8,153                             | 6,914           | 17.00                                       | 0.34                                    | 0.28            | 19.76  | 10.70           | 3.1          |
| Census Division                         |                                |                               |                                   |                 |   |   |                 |  |                 |              |
| New England                             | 9,134                          | 92                            | 2,723                             | 2,309           | 10.03                                       | 0.30                                    | 0.25            | 29.73  |                 |              |
| Middle Atlantic                         | 25,219                         | 276                           | 9,113                             | 7,728           | 10.93                                       | 0.36                                    | 0.31            | 33.07  | 28.05           |              |
| East North Central                      | 27,434                         | 377                           | 8,839                             | 7,496           | 13.73                                       | 0.32                                    | 0.27            | 23.46  | 19.89           |              |
| West North Central                      | 12,482                         | 182                           | 4,054                             | 3,438           | 14.59                                       | 0.32                                    | 0.28            | 22.27  | 18.88           |              |
| South Atlantic                          | 22,298                         | 456                           | 10,447                            | 8,859           | 20.45                                       | 0.47                                    | 0.40            | 22.91  | 19.43           |              |
| East South Central                      | 9,092<br>12,287                | 247<br>304                    | 4,526<br>7,261                    | 3,838<br>6,157  | 27.20<br>24.72                              | 0.50<br>0.59                            | 0.42<br>0.50    |  | 15.52<br>20.27  |              |
| Mountain                                | 6,442                          | 114                           | 2,460                             | 2,086           | 17.72                                       | 0.39                                    | 0.30            |  | 18.27           |              |
| Pacific                                 | 17,833                         | 298                           | 5,693                             | 4,828           | 16.74                                       | 0.32                                    | 0.32            | 19.07  | 16.17           |              |
|   |                                |                               |                                   |                 |   |   |                 |  |                 |              |
| Type of Home  Mobile Home Single-Family | 3,220                          | 110                           | 2,460                             | 2,086           | 34.18                                       | 0.76                                    | 0.65            | 22.36  | 18.96           | 7.6          |
| Detached                                | 110,814                        | 1,762                         | 40,247                            | 34,129          | 15.90                                       | 0.36                                    | 0.31            | 22.84  | 19.37           | 2.4          |
| Attached                                | 6,916                          | 94                            | 2,447                             | 2,075           | 13.64                                       | 0.35                                    | 0.30            | 25.95  | 22.00           | 11.5         |
| 2 to 4 Units                            | 11,543                         | 176                           | 4,725                             | 4,007           | 15.28                                       | 0.41                                    | 0.35            |  |                 |              |
| 5 or More Units                         | 9,728                          | 203                           | 5,237                             | 4,441           | 20.88                                       | 0.54                                    | 0.46            | 25.78  | 21.86           | 4.8          |
| Building Floorspace                     |                                |                               |                                   |                 |   |   |                 |  |                 |              |
| (square feet)                           | 7 600                          | 236                           | 5,408                             | 1 506           | 30.68                                       | 0.70                                    | 0.60            | 22.90  | 19.42           | 2.0          |
| Fewer than 1,001                        | 7,699<br>40,297                | 236<br>846                    | 19,199                            | 4,586<br>16,281 | 20.99                                       | 0.70<br>0.48                            | 0.60            | 22.90  | 19.42           |              |
| 2,001 to 5,000                          | 76,236                         | 1,011                         | 23,946                            | 20,306          | 13.26                                       | 0.40                                    | 0.40            | 23.69  | 20.09           |              |
| 5,001 to 10,000                         | 12,363                         | 147                           | 3,691                             | 3,130           | 11.89                                       | 0.30                                    | 0.25            |  | 21.30           |              |
| 10,001 to 25,000                        | 2,844                          | 52                            | 1,316                             | 1,116           | 18.11                                       | 0.46                                    | 0.39            | 25.54  | 21.66           |              |
| 25,001 to 50,000                        | 1,089                          | 23                            | 547                               | 464             | 21.54                                       | 0.50                                    | 0.43            |  | 19.77           |              |
| 50,001 to 100,000                       | 654                            | 14                            |                                   | 329             | 20.88                                       | 0.59                                    | 0.50            |  | 24.05           |              |
| 100,001 to 200,000                      | 691                            | 14                            | 431                               | 365             | 19.78                                       | 0.62                                    | 0.53            | 31.55  | 26.75           | 24.9         |
| Over 200,000                            | Q                              | 4                             | 192                               | 163             | 11.53                                       | 0.55                                    | 0.47            | 47.90  | 40.62           | 26.6         |
| Year Constructed                        |                                |                               |                                   |                 |   |   |                 |  |                 |              |
| 1939 or Before                          | 41,152                         | 472                           | 12,096                            | 10,257          | 11.48                                       | 0.29                                    | 0.25            | 25.61  | 21.71           | 3.6          |
| 1940 to 1949                            | 11,681                         | 174                           | 4,153                             | 3,521           | 14.89                                       | 0.36                                    | 0.30            | 23.88  | 20.25           |              |
| 1950 to 1959                            | 22,210                         | 335                           | 8,365                             | 7,094           | 15.09                                       | 0.38                                    | 0.32            |  | 21.17           |              |
| 1960 to 1969                            | 28,507                         | 521                           | 12,055                            | 10,223          | 18.29                                       | 0.42                                    | 0.36            | 23.12  |                 |              |
| 1970 to 1979                            | 34,197                         | 740                           | 16,272                            | 13,799          | 21.64                                       | 0.48                                    | 0.40            | 21.99  | 18.65           |              |
| 1980 to 1982                            | 4,474                          | 103                           | 2,175                             | 1,844           | 23.02                                       | 0.49                                    | 0.41            | 21.12  | 17.91           | 10.4         |

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households 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.

<sup>•</sup> See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

Table R10.82. Total and Average Consumption and Expenditures for Natural Gas in Residential Buildings, 1982

| 1902                              |                                |                            |                 |                     |   |   |                 |  |                 |              |
|-----------------------------------|--------------------------------|----------------------------|-----------------|---------------------|---|---|-----------------|--|-----------------|--------------|
|                                   |                                | Total                      | Average         |                     |   |   |                 |  |                 |              |
|                                   |                                |                            |                 | ditures<br>dollars) |   | Expenditures<br>(dollars per<br>sq.ft.) |                 | Expenditures<br>(dollars per<br>million Btu) |                 |              |
| Building Characteristics          | Floorspace<br>(million sq.ft.) | Consumption (trillion Btu) | 1987<br>Dollars | 1982<br>Dollars     | Consumption<br>(thousand Btu<br>per sq.ft.) | 1987<br>Dollars                         | 1982<br>Dollars | 1987<br>Dollars                              | 1982<br>Dollars | RSE<br>Row   |
| RSE Column Factors:               | 1.6                            | 1.7                        | 1.7             | 1.7                 | 0.9   | 0.9                                     | 0.9             | 0.4  | 0.4             | Fac-<br>tors |
| All Buildings                     | 91,847                         | 4,743                      | 31,798          | 26,964              | 51.64                                       | 0.35                                    | 0.29            | 6.70   | 5.68            | 2.0          |
| Census Region                     |                                |                            |                 |                     |   |   |                 |  |                 |              |
| Northeast                         | 21,086                         | 962                        | 8,204           | 6,957               | 45.63                                       | 0.39                                    | 0.33            | 8.53   | 7.23            | 5.3          |
| Midwest                           | 29,475                         | 1,784                      | 11,008          | 9,335               | 60.54                                       | 0.37                                    | 0.32            | 6.17   | 5.23            |              |
| South                             | 23,440                         | 1,143                      | ,               | 6,530               | 48.74                                       | 0.33                                    | 0.28            | 6.74   | 5.72            |              |
| West                              | 17,846                         | 854                        | 4,886           | 4,143               | 47.87                                       | 0.27                                    | 0.23            | 5.72   | 4.85            | 2.8          |
| Census Division                   |                                |                            |                 |                     |   |   |                 |  |                 |              |
| New England                       | 4,539                          | 159                        | 1,586           | 1,345               | 35.11                                       | 0.35                                    | 0.30            | 9.95   | 8.44            | 8.1          |
| Middle Atlantic                   | 16,547                         | 803                        | 6,618           | 5,612               | 48.52                                       | 0.40                                    | 0.34            | 8.24   | 6.99            | 6.1          |
| East North Central                | 19,948                         | 1,267                      | 7,921           | 6,717               | 63.50                                       | 0.40                                    | 0.34            | 6.25   | 5.30            |              |
| West North Central                | 9,526                          | 518                        | 3,087           | 2,618               | 54.35                                       | 0.32                                    | 0.27            | 5.96   | 5.06            |              |
| South Atlantic                    | 9,615                          | 420                        | ,               | 2,807               | 43.66                                       | 0.34                                    | 0.29            | 7.89   | 6.69            |              |
| East South Central                | 3,891                          | 200                        | 1,267           | 1,074               | 51.48                                       | 0.33                                    | 0.28            | 6.33   | 5.36            |              |
| West South Central                | 9,935                          | 522                        | ,               |                     | 52.58                                       | 0.31                                    | 0.27            | 5.98   | 5.07            | 7.5          |
| Mountain                          | 4,462<br>13,384                | 266<br>588                 | 1,514<br>3,372  | 1,284<br>2,860      | 59.61<br>43.96                              | 0.34<br>0.25                            | 0.29<br>0.21    | 5.69<br>5.73                                 | 4.83<br>4.86    |              |
| r dollo                           | 13,304                         | 300                        | 3,372           | 2,000               | 40.30                                       | 0.23                                    | 0.21            | 5.75   | 4.00            | 5.4          |
| Type of Home                      |                                |                            |                 |                     |   |   |                 |  |                 |              |
| Mobile Home                       | 1,004                          | 74                         | 426             | 361                 | 73.63                                       | 0.42                                    | 0.36            | 5.76   | 4.88            | 11.9         |
| Detached                          | 69,092                         | 3,350                      | 21,467          | 18,204              | 48.49                                       | 0.31                                    | 0.26            | 6.41   | 5.43            |              |
| Attached                          | 5,722                          | 293                        | ,               | 1,925               | 51.19                                       | 0.40                                    | 0.34            | 7.75   | 6.57            | 9.0          |
| 2 to 4 Units                      | 9,417                          | 622                        | ,               |                     | 66.08                                       | 0.49                                    |                 | 7.38   | 6.26            |              |
| 5 or More Units                   | 6,612                          | 404                        | 3,045           | 2,583               | 61.10                                       | 0.46                                    | 0.39            | 7.54   | 6.39            | 6.8          |
| Building Floorspace (square feet) |                                |                            |                 |                     |   |   |                 |  |                 |              |
| Fewer than 1,001                  | 3,788                          | 336                        | 2,130           | 1,806               | 88.78                                       | 0.56                                    | 0.48            | 6.33   | 5.37            | 4.8          |
| 1,001 to 2,000                    | 25,618                         | 1,572                      |                 | 8,555               | 61.36                                       | 0.39                                    | 0.33            | 6.42   |                 |              |
| 2,001 to 5,000                    | 50,700                         | 2,330                      | 15,808          | 13,405              | 45.96                                       | 0.31                                    | 0.26            | 6.78   | 5.75            | 2.7          |
| 5,001 to 10,000                   | 7,770                          | 328                        | 2,393           | 2,030               | 42.28                                       | 0.31                                    | 0.26            | 7.29   | 6.18            | 7.2          |
| 10,001 to 25,000                  | 2,084                          | 102                        | 709             | 601                 | 48.90                                       | 0.34                                    | 0.29            | 6.96   | 5.90            | 10.7         |
| 25,001 to 50,000                  | 733                            | 31                         | 221             | 187                 | 42.69                                       | 0.31                                    | 0.26            | 7.06   | 5.99            |              |
| 50,001 to 100,000                 | 265                            | 10                         |                 | 71                  | 36.56                                       | 0.32                                    | 0.27            | 8.62   | 7.31            |              |
| 100,001 to 200,000                | 550                            | 23                         |                 |                     | 41.69                                       | 0.36                                    |                 | 8.69   | 7.37            |              |
| Over 200,000                      | Q                              | Q                          | Q               | Q                   | Q   | Q                                       | Q               | 15.17  | 12.86           | 91.6         |
| Year Constructed                  |                                |                            |                 |                     |   |   |                 |  |                 |              |
| 1939 or Before                    | 28,992                         | 1,608                      | 11,104          | 9,416               | 55.46                                       | 0.38                                    | 0.32            | 6.91   | 5.86            | 3.6          |
| 1940 to 1949                      | 8,328                          | 421                        | 2,906           | 2,464               | 50.54                                       | 0.35                                    | 0.30            | 6.90   | 5.86            | 5.9          |
| 1950 to 1959                      | 16,166                         | 888                        | 5,858           | 4,967               | 54.94                                       | 0.36                                    |                 | 6.60   | 5.59            | 4.0          |
| 1960 to 1969                      | 19,414                         | 960                        | 6,364           | 5,397               | 49.45                                       | 0.33                                    | 0.28            | 6.63   | 5.62            |              |
| 1970 to 1979                      | 16,900                         | 792                        | 5,079           | 4,307               | 46.86                                       | 0.30                                    | 0.25            | 6.41   | 5.44            |              |
| 1980 to 1982                      | 2,047                          | 75                         | 487             | 413                 | 36.41                                       | 0.24                                    | 0.20            | 6.53   | 5.54            | 12.5         |

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households 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.

<sup>•</sup> See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

Table R11.82. Total and Average Consumption and Expenditures for Fuel Oil<sup>1</sup> in Residential Buildings, 1982

| Total                           |                                |                            |                    |                     | Average                                     |                          |                 |                              |                 |              |  |
|---------------------------------|--------------------------------|----------------------------|--------------------|---------------------|---|--------------------------|-----------------|------------------------------|-----------------|--------------|--|
|                                 |                                |                            | Expend<br>(million | ditures<br>dollars) |   | Expend<br>(dollar<br>sq. | rs per          | Expend<br>(dollar<br>million | rs per          |              |  |
| Building Characteristics        | Floorspace<br>(million sq.ft.) | Consumption (trillion Btu) | 1987<br>Dollars    | 1982<br>Dollars     | Consumption<br>(thousand Btu<br>per sq.ft.) | 1987<br>Dollars          | 1982<br>Dollars | 1987<br>Dollars              | 1982<br>Dollars | RSE<br>Row   |  |
| RSE Column Factors:             | 2.1                            | 2.2                        | 2.2                | 2.2                 | 1.5   | 1.5                      | 1.5             | 0.1                          | 0.1             | Fac-<br>tors |  |
| All Buildings                   | 30,030                         | 1,196                      | 11,879             | 10,074              | 39.83                                       | 0.40                     | 0.34            | 9.93                         | 8.42            | 2.8          |  |
| Census Region                   |                                |                            |                    |                     |   |                          |                 |                              |                 |              |  |
| Northeast                       | 17,381                         | 833                        | 8,271              | 7,014               | 47.90                                       | 0.48                     | 0.40            | 9.93                         | 8.42            | 3.6          |  |
| Midwest                         | 4,769                          | 156                        | 1,523              | 1,291               | 32.70                                       | 0.32                     | 0.27            | 9.77                         | 8.28            | 5.5          |  |
| South                           | 6,692                          | 178                        | 1,784              | 1,513               | 26.58                                       | 0.27                     | 0.23            | 10.03                        | 8.50            | 7.3          |  |
| West                            | 1,187                          | 30                         | 301                | 256                 | 25.09                                       | 0.25                     | 0.22            | 10.12                        | 8.58            | 9.4          |  |
| Census Division                 |                                |                            | _                  |                     |   |                          |                 |                              |                 |              |  |
| New England                     | 5,903                          | 254                        | 2,537              | 2,152               | 43.04                                       | 0.43                     | 0.36            | 9.99                         | 8.47            |              |  |
| Middle Atlantic                 | 11,479                         | 578                        | 5,734              | 4,862               | 50.39                                       | 0.50                     | 0.42            | 9.91                         | 8.41            | 4.8          |  |
| East North Central              | 3,804                          | 132                        | 1,298              | 1,100               | 34.78                                       | 0.34                     | 0.29            | 9.81                         | 8.32            |              |  |
| West North Central              | 965                            | 24                         | 225                | 191                 | 24.46                                       | 0.23                     | 0.20            | 9.53                         | 8.08            |              |  |
| South Atlantic                  | 5,762                          | 169                        | 1,700              | 1,441               | 29.41                                       | 0.30                     | 0.25            | 10.03                        | 8.51            | 7.7          |  |
| East South Central              | 807                            | 8                          | 81                 | 68                  | 10.02                                       | 0.10                     | 0.08            | 9.97                         | 8.45            |              |  |
| West South Central              | Q                              | Q                          | Q                  |                     | Q   | Q                        | Q               | 10.28                        | 8.72            |              |  |
| Mountain                        | Q<br>856                       | Q<br>22                    | Q<br>224           | Q<br>190            | Q<br>25.45                                  | Q<br>0.26                | Q<br>0.22       | 9.72<br>10.26                | 8.24<br>8.70    |              |  |
| Type of Home                    |                                |                            |                    |                     |   |                          |                 |                              |                 |              |  |
| Mobile Home                     | 600                            | 36                         | 366                | 310                 | 59.61                                       | 0.61                     | 0.52            | 10.23                        | 8.68            | 10.0         |  |
| Single-Family                   |                                |                            |                    |                     |   |                          |                 |                              |                 |              |  |
| Detached                        | 23,884                         | 725                        | 7,190              | 6,097               | 30.34                                       | 0.30                     | 0.26            | 9.92                         | 8.41            | 2.8          |  |
| Attached                        | 1,202                          | 40                         | 401                | 340                 | 33.61                                       | 0.33                     | 0.28            | 9.93                         | 8.42            | 14.3         |  |
| 2 to 4 Units                    | 2,628                          | 177                        | 1,758              | 1,491               | 67.37                                       | 0.67                     | 0.57            | 9.93                         | 8.42            |              |  |
| 5 or More Units                 | 1,716                          | 218                        | 2,165              |                     | 127.18                                      | 1.26                     | 1.07            | 9.92                         | 8.41            | 5.0          |  |
| Building Floorspace             |                                |                            |                    |                     |   |                          |                 |                              |                 |              |  |
| (square feet)                   |                                |                            |                    |                     |   |                          |                 |                              |                 |              |  |
| Fewer than 1,001                | 1,127                          | 68                         | 689                | 585                 | 60.29                                       | 0.61                     | 0.52            | 10.14                        | 8.60            |              |  |
| 1,001 to 2,000                  | 5,406                          | 242                        | 2,428              | 2,059               | 44.71                                       | 0.45                     | 0.38            | 10.05                        | 8.52            |              |  |
| 2,001 to 5,000                  | 17,994                         | 589                        | 5,810              | 4,927               | 32.75                                       | 0.32                     | 0.27            | 9.86                         | 8.36            |              |  |
| 5,001 to 10,000                 | 3,974                          | 126                        | 1,258              | 1,067               | 31.79                                       | 0.32                     | 0.27            | 9.96                         | 8.44            |              |  |
| 10,001 to 25,000                | 612                            | 52                         | 518                | 439                 | 85.26                                       | 0.85                     | 0.72            | 9.92                         | 8.41            | 10.4         |  |
| 25,001 to 50,000                | 191                            | 32<br>30                   | 313                | 265                 | 165.42                                      | 1.64                     | 1.39            | 9.92                         | 8.41            | 7.1          |  |
| 50,001 to 100,000               | 224                            |                            | 299                | 253                 | 134.75                                      | 1.34                     | 1.13            | 9.91                         | 8.41            |              |  |
| 100,001 to 200,000 Over 200,000 | 259<br>Q                       | 28<br>Q                    | 282<br>Q           |                     | 109.82<br>116.99                            | 1.09<br>1.16             | 0.92<br>0.98    | 9.91<br>9.91                 | 8.41<br>8.41    |              |  |
| Year Constructed                |                                |                            |                    |                     |   |                          |                 |                              |                 |              |  |
| 1939 or Before                  | 12,468                         | 575                        | 5,700              | 4,834               | 46.14                                       | 0.46                     | 0.39            | 9.91                         | 8.40            | 4.9          |  |
| 1940 to 1949                    | 2,895                          | 143                        | 1,424              | 1,208               | 49.47                                       | 0.49                     | 0.42            | 9.95                         | 8.43            |              |  |
| 1950 to 1959                    | 5,197                          | 185                        | 1,840              |                     | 35.58                                       | 0.35                     | 0.30            | 9.95                         | 8.44            |              |  |
| 1960 to 1969                    | 5,196                          | 151                        | 1,503              |                     | 29.11                                       | 0.29                     | 0.25            | 9.94                         | 8.43            |              |  |
| 1970 to 1979                    | 4,135                          | 141                        | 1,402              |                     | 34.02                                       |                          | 0.29            | 9.97                         | 8.45            |              |  |
| 1980 to 1982                    | Q                              | Q                          |                    |                     | Q   |                          | Q               | 9.96                         | 8.45            |              |  |

<sup>&</sup>lt;sup>1</sup> Includes kerosene.

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households 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.

<sup>•</sup> See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.