

**Table HC10.7 Total square footage of apartment units, 2024**

|  | Number of<br>housing units<br>(million) | Total square footage (billion square feet) |        |        |
|--|---|--|--------|--------|
|  | Total apartment<br>units <sup>a</sup>   | Total <sup>b</sup>                         | Heated | Cooled |
| <b>All homes</b>                                     | 34.74                                   | 31.58                                      | 27.07  | 22.47  |
| <b>Census region and division</b>                    |   |  |        |        |
| Northeast  | 8.63                                    | 7.64                                       | 7.25   | 4.62   |
| New England  | 2.21                                    | 1.99                                       | 1.93   | 1.10   |
| Middle Atlantic                                      | 6.42                                    | 5.65                                       | 5.33   | 3.52   |
| Midwest  | 6.54                                    | 5.79                                       | 5.55   | 4.19   |
| East North Central                                   | 4.62                                    | 4.02                                       | 3.86   | 2.89   |
| West North Central                                   | 1.91                                    | 1.76                                       | 1.70   | 1.31   |
| South  | 11.39                                   | 11.01                                      | 8.69   | 9.50   |
| South Atlantic                                       | 6.32                                    | 6.35                                       | 4.57   | 5.54   |
| East South Central                                   | 1.38                                    | 1.31                                       | 1.17   | 1.12   |
| West South Central                                   | 3.69                                    | 3.34                                       | 2.96   | 2.83   |
| West   | 8.18                                    | 7.14                                       | 5.57   | 4.16   |
| Mountain   | 2.24                                    | 2.03                                       | 1.82   | 1.66   |
| Mountain North                                       | 1.17                                    | 1.04                                       | 1.02   | 0.83   |
| Mountain South                                       | 1.07                                    | 0.99                                       | 0.80   | 0.83   |
| Pacific  | 5.94                                    | 5.11                                       | 3.75   | 2.50   |
| <b>Census urban-rural classification<sup>c</sup></b> |   |  |        |        |
| Urban  | 33.80                                   | 30.72                                      | 26.27  | 21.90  |
| Rural  | 0.95                                    | 0.86                                       | 0.80   | 0.57   |
| <b>Climate region<sup>d</sup></b>                    |   |  |        |        |
| Very cold/Cold                                       | 10.79                                   | 9.56                                       | 9.22   | 6.21   |
| Mixed-humid  | 10.88                                   | 10.03                                      | 9.25   | 7.56   |
| Mixed-dry/Hot-dry                                    | 4.47                                    | 3.90                                       | 2.74   | 2.73   |
| Hot-humid  | 6.41                                    | 6.18                                       | 4.21   | 5.42   |
| Marine   | 2.20                                    | 1.91                                       | 1.65   | 0.55   |

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|   | Number of<br>housing units<br>(million) | Total square footage (billion square feet) |        |        |
|---|---|--|--------|--------|
|   | Total apartment<br>units <sup>a</sup>   | Total <sup>b</sup>                         | Heated | Cooled |
| <b>All homes</b>  | 34.74                                   | 31.58                                      | 27.07  | 22.47  |
| <b>Year of construction</b>   |   |  |        |        |
| Before 1950   | 5.56                                    | 4.61                                       | 4.31   | 2.60   |
| 1950 to 1959  | 2.05                                    | 1.63                                       | 1.48   | 0.93   |
| 1960 to 1969  | 3.24                                    | 2.67                                       | 2.38   | 1.65   |
| 1970 to 1979  | 4.92                                    | 4.28                                       | 3.42   | 2.65   |
| 1980 to 1989  | 5.23                                    | 4.82                                       | 4.03   | 3.49   |
| 1990 to 1999  | 3.13                                    | 3.03                                       | 2.58   | 2.47   |
| 2000 to 2009  | 4.96                                    | 5.02                                       | 4.17   | 4.00   |
| 2010 to 2019  | 3.95                                    | 3.84                                       | 3.25   | 3.23   |
| 2020 to 2024  | 1.70                                    | 1.68                                       | 1.44   | 1.46   |
| <b>Number of indoor light bulbs used at<br/>least 4 hours a day</b> |   |  |        |        |
| 0 to 2  | 17.23                                   | 15.14                                      | 12.67  | 10.67  |
| 3 to 5  | 8.88                                    | 7.97                                       | 7.03   | 5.41   |
| 6 to 9  | 5.07                                    | 4.78                                       | 4.11   | 3.51   |
| 10 to 19  | 2.93                                    | 3.01                                       | 2.62   | 2.31   |
| 20 or more  | 0.64                                    | 0.67                                       | 0.63   | 0.57   |
| <b>Total number of rooms (excluding<br/>bathrooms)</b>              |   |  |        |        |
| One or two  | 5.69                                    | 3.61                                       | 2.96   | 2.59   |
| Three   | 8.17                                    | 6.30                                       | 5.43   | 4.39   |
| Four  | 10.63                                   | 9.89                                       | 8.40   | 7.05   |
| Five  | 6.33                                    | 6.75                                       | 5.87   | 4.93   |
| Six   | 2.50                                    | 3.05                                       | 2.61   | 2.18   |
| Seven   | 0.84                                    | 1.14                                       | 1.02   | 0.82   |
| Eight   | 0.30                                    | 0.37                                       | 0.36   | 0.24   |
| Nine or more  | 0.29                                    | 0.47                                       | 0.43   | 0.26   |

**Table HC10.7 Total square footage of apartment units, 2024**

|                                    | Number of<br>housing units<br>(million) | Total square footage (billion square feet) |        |        |
|------------------------------------|---|--|--------|--------|
|                                    | Total apartment<br>units <sup>a</sup>   | Total <sup>b</sup>                         | Heated | Cooled |
| <b>All homes</b>                   | 34.74                                   | 31.58                                      | 27.07  | 22.47  |
| <b>Number of bedrooms</b>          |   |  |        |        |
| None                               | 2.42                                    | 1.44                                       | 1.08   | 1.06   |
| One                                | 12.37                                   | 9.04                                       | 7.89   | 6.35   |
| Two                                | 16.14                                   | 16.22                                      | 13.77  | 11.62  |
| Three                              | 3.21                                    | 3.98                                       | 3.52   | 2.81   |
| Four                               | 0.47                                    | 0.72                                       | 0.64   | 0.53   |
| Five or more                       | 0.13                                    | 0.19                                       | 0.16   | 0.09   |
| <b>Adequacy of insulation</b>      |   |  |        |        |
| Well insulated                     | 7.92                                    | 7.51                                       | 6.32   | 5.83   |
| Adequately insulated               | 17.68                                   | 16.13                                      | 13.99  | 11.74  |
| Poorly insulated                   | 7.52                                    | 6.60                                       | 5.87   | 4.11   |
| Not insulated                      | 1.62                                    | 1.34                                       | 0.90   | 0.80   |
| <b>Type of glass in windows</b>    |   |  |        |        |
| Single-pane glass                  | 15.83                                   | 13.83                                      | 11.49  | 9.59   |
| Double-pane glass                  | 18.38                                   | 17.23                                      | 15.21  | 12.50  |
| Triple-pane glass                  | 0.53                                    | 0.53                                       | 0.37   | 0.37   |
| <b>Number of household members</b> |   |  |        |        |
| One person                         | 17.40                                   | 14.48                                      | 12.66  | 10.42  |
| Two persons                        | 9.43                                    | 8.98                                       | 7.68   | 6.60   |
| Three persons                      | 3.95                                    | 3.90                                       | 3.36   | 2.58   |
| Four persons                       | 2.43                                    | 2.59                                       | 2.11   | 1.79   |
| Five persons                       | 0.91                                    | 0.89                                       | 0.68   | 0.61   |
| Six or more persons                | 0.63                                    | 0.74                                       | 0.58   | 0.47   |
| <b>Annual household income</b>     |   |  |        |        |
| Less than \$10,000                 | 3.36                                    | 2.77                                       | 2.18   | 1.75   |
| \$10,000 to \$14,999               | 2.86                                    | 2.33                                       | 2.03   | 1.48   |
| \$15,000 to \$29,999               | 4.92                                    | 4.13                                       | 3.52   | 2.68   |
| \$30,000 to \$59,999               | 9.04                                    | 8.05                                       | 6.86   | 5.71   |
| \$60,000 to \$99,999               | 7.01                                    | 6.47                                       | 5.47   | 4.88   |
| \$100,000 to \$199,999             | 5.52                                    | 5.41                                       | 4.82   | 4.07   |
| \$200,000 or more                  | 2.02                                    | 2.43                                       | 2.19   | 1.91   |

**Table HC10.7 Total square footage of apartment units, 2024**

|                                  | Number of housing units (million)  | Total square footage (billion square feet) |        |        |
|----------------------------------|------------------------------------|--|--------|--------|
|                                  | Total apartment units <sup>a</sup> | Total <sup>b</sup>                         | Heated | Cooled |
| <b>All homes</b>                 | 34.74                              | 31.58                                      | 27.07  | 22.47  |
| <b>Ownership of housing unit</b> |                                    |  |        |        |
| Owned                            | 4.78                               | 5.46                                       | 4.59   | 4.30   |
| Rented <sup>e</sup>              | 29.97                              | 26.12                                      | 22.48  | 18.17  |

Data source: U.S. Energy Information Administration, Office of Energy Demand and Integrated Statistics, Form EIA-457A of the 2024 Residential Energy Consumption Survey (RECS)

Note: Because of rounding, data may not sum to totals. See RECS Terminology for the definitions of terms used in these tables.

<sup>a</sup> Total apartment units includes all primary occupied housing units located in apartment buildings in the 50 states and the District of Columbia. Vacant housing units, seasonal units, second homes, military houses, and group quarters are excluded.

<sup>b</sup> Total square footage includes all basements, finished or conditioned (heated or cooled) areas of attics, and conditioned garage space that is attached to the home. Unconditioned and unfinished areas in attics and attached garages are excluded. The square footage of the home is based on respondent reports. For households that did not report an exact square footage estimate, the square footage of the home was imputed based on a reported square footage range and/or characteristics of the home.

<sup>c</sup> Census urban-rural classification is based on categories defined by the U.S. Census Bureau for the 2020 census. Urban areas are densely settled cores of blocks with at least 2,000 housing units or a population of at least 5,000. All other areas are rural.

<sup>d</sup> The Building America program, sponsored by the U.S. Department of Energy, created these climate regions. We combined climate regions for this publication. The Subarctic region is included with data for Very cold/Cold.

<sup>e</sup> Rented includes households that occupy their primary housing unit without paying rent.

**Relative standard errors (RSEs) for Table HC10.7 Total square footage of apartment units, 2024**

|  | RSEs for number<br>of housing units   | RSEs for total square footage |        |        |
|--|---------------------------------------|-------------------------------|--------|--------|
|  | Total apartment<br>units <sup>a</sup> | Total <sup>b</sup>            | Heated | Cooled |
| <b>All homes</b>                                     | P                                     | 0.79                          | 1.26   | 1.71   |
| <b>Census region and division</b>                    |                                       |                               |        |        |
| Northeast  | P                                     | 1.48                          | 1.46   | 2.33   |
| New England  | P                                     | 2.33                          | 2.26   | 4.63   |
| Middle Atlantic                                      | P                                     | 1.84                          | 1.78   | 2.61   |
| Midwest  | P                                     | 2.14                          | 2.33   | 4.40   |
| East North Central                                   | P                                     | 2.08                          | 2.26   | 4.52   |
| West North Central                                   | P                                     | 4.44                          | 4.88   | 7.32   |
| South  | P                                     | 1.21                          | 2.35   | 2.19   |
| South Atlantic                                       | P                                     | 1.86                          | 3.80   | 3.05   |
| East South Central                                   | P                                     | 2.45                          | 4.53   | 4.42   |
| West South Central                                   | P                                     | 1.75                          | 3.21   | 3.59   |
| West   | P                                     | 1.30                          | 2.79   | 3.68   |
| Mountain   | P                                     | 2.21                          | 2.53   | 3.70   |
| Mountain North                                       | P                                     | 3.09                          | 3.33   | 5.58   |
| Mountain South                                       | P                                     | 2.84                          | 4.95   | 4.76   |
| Pacific  | P                                     | 1.87                          | 4.11   | 5.54   |
| <b>Census urban-rural classification<sup>c</sup></b> |                                       |                               |        |        |
| Urban  | 0.31                                  | 0.79                          | 1.23   | 1.70   |
| Rural  | 11.03                                 | 11.23                         | 11.74  | 12.89  |
| <b>Climate region<sup>d</sup></b>                    |                                       |                               |        |        |
| Very cold/Cold                                       | 1.61                                  | 2.46                          | 2.53   | 3.55   |
| Mixed-humid  | 1.75                                  | 2.48                          | 2.64   | 3.11   |
| Mixed-dry/Hot-dry                                    | 2.79                                  | 3.06                          | 5.37   | 5.02   |
| Hot-humid  | 1.65                                  | 1.94                          | 4.06   | 2.98   |
| Marine   | 5.54                                  | 6.53                          | 7.71   | 13.56  |

**Relative standard errors (RSEs) for Table HC10.7 Total square footage of apartment units, 2024**

|   | RSEs for number of housing units   |                    | RSEs for total square footage |        |
|---|------------------------------------|--------------------|-------------------------------|--------|
|   | Total apartment units <sup>a</sup> | Total <sup>b</sup> | Heated                        | Cooled |
| <b>All homes</b>  | P                                  | 0.79               | 1.26                          | 1.71   |
| <b>Year of construction</b>                                     |                                    |                    |                               |        |
| Before 1950   | 3.53                               | 4.27               | 4.54                          | 6.39   |
| 1950 to 1959  | 8.32                               | 7.89               | 8.18                          | 10.11  |
| 1960 to 1969  | 4.65                               | 5.05               | 5.77                          | 6.74   |
| 1970 to 1979  | 3.86                               | 4.35               | 5.37                          | 5.48   |
| 1980 to 1989  | 3.53                               | 3.96               | 4.23                          | 5.25   |
| 1990 to 1999  | 5.50                               | 5.77               | 6.33                          | 6.64   |
| 2000 to 2009  | 4.10                               | 4.33               | 5.23                          | 5.15   |
| 2010 to 2019  | 5.25                               | 5.38               | 6.38                          | 6.40   |
| 2020 to 2024  | 8.89                               | 9.33               | 10.64                         | 9.83   |
| <b>Number of indoor light bulbs used at least 4 hours a day</b> |                                    |                    |                               |        |
| 0 to 2  | 2.04                               | 2.14               | 2.64                          | 2.91   |
| 3 to 5  | 3.44                               | 3.59               | 3.71                          | 4.27   |
| 6 to 9  | 5.78                               | 6.15               | 6.60                          | 7.02   |
| 10 to 19  | 6.00                               | 7.02               | 7.70                          | 7.92   |
| 20 or more  | 14.49                              | 15.83              | 16.50                         | 17.28  |
| <b>Total number of rooms (excluding bathrooms)</b>              |                                    |                    |                               |        |
| One or two  | 4.66                               | 4.69               | 5.44                          | 5.47   |
| Three   | 2.75                               | 3.14               | 3.49                          | 3.86   |
| Four  | 3.04                               | 3.15               | 3.28                          | 3.89   |
| Five  | 4.78                               | 5.16               | 5.58                          | 6.10   |
| Six   | 6.33                               | 6.92               | 7.54                          | 8.47   |
| Seven   | 12.63                              | 12.96              | 13.68                         | 15.94  |
| Eight   | 23.02                              | 23.80              | 24.24                         | 30.76  |
| Nine or more  | 21.78                              | 27.18              | 29.76                         | 36.88  |

**Relative standard errors (RSEs) for Table HC10.7 Total square footage of apartment units, 2024**

|                                    | RSEs for number of housing units   |                    | RSEs for total square footage |        |
|------------------------------------|------------------------------------|--------------------|-------------------------------|--------|
|                                    | Total apartment units <sup>a</sup> | Total <sup>b</sup> | Heated                        | Cooled |
| <b>All homes</b>                   | P                                  | 0.79               | 1.26                          | 1.71   |
| <b>Number of bedrooms</b>          |                                    |                    |                               |        |
| None                               | 7.15                               | 7.67               | 9.05                          | 7.89   |
| One                                | 2.75                               | 2.85               | 3.05                          | 3.23   |
| Two                                | 2.37                               | 2.47               | 2.76                          | 3.26   |
| Three                              | 5.24                               | 5.93               | 6.26                          | 7.57   |
| Four                               | 17.66                              | 21.26              | 23.57                         | 25.83  |
| Five or more                       | 29.29                              | 30.59              | 32.19                         | 37.89  |
| <b>Adequacy of insulation</b>      |                                    |                    |                               |        |
| Well insulated                     | 3.43                               | 4.13               | 4.49                          | 5.09   |
| Adequately insulated               | 1.98                               | 2.38               | 2.63                          | 3.31   |
| Poorly insulated                   | 3.07                               | 3.56               | 3.50                          | 5.35   |
| Not insulated                      | 9.15                               | 9.62               | 13.27                         | 12.22  |
| <b>Type of glass in windows</b>    |                                    |                    |                               |        |
| Single-pane glass                  | 2.37                               | 2.46               | 2.96                          | 3.28   |
| Double-pane glass                  | 2.03                               | 2.41               | 2.92                          | 3.11   |
| Triple-pane glass                  | 16.34                              | 16.60              | 18.67                         | 19.18  |
| <b>Number of household members</b> |                                    |                    |                               |        |
| One person                         | 2.05                               | 2.35               | 2.59                          | 2.91   |
| Two persons                        | 3.53                               | 3.94               | 4.45                          | 4.85   |
| Three persons                      | 6.02                               | 6.70               | 7.43                          | 8.61   |
| Four persons                       | 7.25                               | 7.62               | 8.31                          | 9.94   |
| Five persons                       | 12.71                              | 13.06              | 15.15                         | 14.20  |
| Six or more persons                | 16.35                              | 17.48              | 20.62                         | 20.13  |
| <b>Annual household income</b>     |                                    |                    |                               |        |
| Less than \$10,000                 | 5.99                               | 6.37               | 7.08                          | 8.25   |
| \$10,000 to \$14,999               | 6.82                               | 7.73               | 8.26                          | 9.14   |
| \$15,000 to \$29,999               | 4.61                               | 4.89               | 5.50                          | 6.62   |
| \$30,000 to \$59,999               | 2.99                               | 3.24               | 3.72                          | 3.93   |
| \$60,000 to \$99,999               | 4.70                               | 4.85               | 4.90                          | 5.97   |
| \$100,000 to \$199,999             | 4.94                               | 5.26               | 5.36                          | 6.21   |
| \$200,000 or more                  | 7.86                               | 8.74               | 9.33                          | 9.61   |

## Relative standard errors (RSEs) for Table HC10.7 Total square footage of apartment units, 2024

|                                  | RSEs for number<br>of housing units   | RSEs for total square footage |        |        |
|----------------------------------|---------------------------------------|-------------------------------|--------|--------|
|                                  | Total apartment<br>units <sup>a</sup> | Total <sup>b</sup>            | Heated | Cooled |
| <b>All homes</b>                 | P                                     | 0.79                          | 1.26   | 1.71   |
| <b>Ownership of housing unit</b> |                                       |                               |        |        |
| Owned                            | 5.03                                  | 5.85                          | 6.38   | 6.96   |
| Rented <sup>e</sup>              | 0.80                                  | 1.26                          | 1.49   | 2.23   |

Data source: U.S. Energy Information Administration, Office of Energy Demand and Integrated Statistics, Form EIA-457A of the 2024 Residential Energy Consumption Survey (RECS)

Note: Because of rounding, data may not sum to totals. See RECS Terminology for the definitions of terms used in these tables.

<sup>a</sup> Total apartment units includes all primary occupied housing units located in apartment buildings in the 50 states and the District of Columbia. Vacant housing units, seasonal units, second homes, military houses, and group quarters are excluded.

<sup>b</sup> Total square footage includes all basements, finished or conditioned (heated or cooled) areas of attics, and conditioned garage space that is attached to the home. Unconditioned and unfinished areas in attics and attached garages are excluded. The square footage of the home is based on respondent reports. For households that did not report an exact square footage estimate, the square footage of the home was imputed based on a reported square footage range and/or characteristics of the home.

<sup>c</sup> Census urban-rural classification is based on categories defined by the U.S. Census Bureau for the 2020 census. Urban areas are densely settled cores of blocks with at least 2,000 housing units or a population of at least 5,000. All other areas are rural.

<sup>d</sup> The Building America program, sponsored by the U.S. Department of Energy, created these climate regions. We combined climate regions for this publication. The Subarctic region is included with data for Very cold/Cold.

<sup>e</sup> Rented includes households that occupy their primary housing unit without paying rent.

P=Estimate is equal to the control total that is used in poststratification and is based on the U.S. Census Bureau's 2024 American Community Survey one-year estimates.