

Table HC10.13 Average square footage of West homes, 2024

| | Number of housing units (million) | Average square footage per housing unit | | | Average square footage per household member | | |
|---|-----------------------------------|---|--------------------|---------------------|---|--------------------|--------|
| | | Total West ^a | Total ^b | Heated ^c | Cooled ^c | Total ^b | Heated |
| All homes | 29.63 | 1,684 | 1,452 | 1,144 | 693 | 598 | 471 |
| Census division | | | | | | | |
| Mountain | 10.19 | 1,882 | 1,708 | 1,460 | 795 | 722 | 617 |
| Mountain North | 5.13 | 2,037 | 1,932 | 1,467 | 883 | 837 | 636 |
| Mountain South | 5.06 | 1,725 | 1,480 | 1,454 | 711 | 610 | 599 |
| Pacific | 19.44 | 1,581 | 1,318 | 979 | 642 | 535 | 397 |
| Census urban-rural classification^d | | | | | | | |
| Urban | 26.68 | 1,630 | 1,395 | 1,127 | 676 | 578 | 467 |
| Rural | 2.95 | 2,173 | 1,966 | 1,304 | 841 | 761 | 505 |
| Climate region^e | | | | | | | |
| Very cold/Cold | 6.93 | 1,970 | 1,870 | 1,350 | 848 | 805 | 581 |
| Mixed-humid | N | N | N | N | N | N | N |
| Mixed-dry/Hot-dry | 15.22 | 1,593 | 1,309 | 1,238 | 623 | 512 | 484 |
| Hot-humid | 0.49 | 1,352 | Q | 483 | 534 | Q | 191 |
| Marine | 6.98 | 1,622 | 1,449 | 784 | 722 | 645 | 349 |
| Housing unit type | | | | | | | |
| Single-family detached | 18.08 | 2,118 | 1,867 | 1,485 | 810 | 714 | 568 |
| Single-family attached | 1.98 | 1,447 | 1,147 | 928 | 671 | 532 | 431 |
| Apartment in a building with 2-4 units | 1.98 | 843 | 689 | 425 | 369 | 301 | 186 |
| Apartment in a building with 5 or more units | 6.20 | 881 | 678 | 535 | 440 | 338 | 267 |
| Mobile home | 1.39 | 1,164 | 1,026 | 762 | 462 | 407 | 302 |
| Year of construction | | | | | | | |
| Before 1950 | 3.27 | 1,577 | 1,286 | 653 | 725 | 591 | 300 |
| 1950 to 1959 | 2.62 | 1,425 | 1,189 | 862 | 565 | 471 | 342 |
| 1960 to 1969 | 2.85 | 1,511 | 1,280 | 918 | 611 | 518 | 371 |
| 1970 to 1979 | 4.62 | 1,513 | 1,272 | 920 | 630 | 530 | 383 |
| 1980 to 1989 | 4.12 | 1,487 | 1,315 | 1,026 | 620 | 549 | 428 |
| 1990 to 1999 | 3.72 | 1,879 | 1,654 | 1,430 | 757 | 666 | 576 |
| 2000 to 2009 | 4.34 | 2,015 | 1,760 | 1,541 | 818 | 714 | 625 |
| 2010 to 2019 | 2.82 | 1,907 | 1,701 | 1,540 | 806 | 719 | 651 |
| 2020 to 2024 | 1.27 | 1,956 | 1,708 | 1,629 | 679 | 593 | 566 |
| Number of stories | | | | | | | |
| One story | 12.51 | 1,818 | 1,564 | 1,247 | 736 | 633 | 505 |
| Two stories | 6.44 | 2,446 | 2,175 | 1,773 | 888 | 789 | 643 |
| Three or more stories | 0.60 | 2,388 | 2,173 | 1,547 | 867 | 789 | 562 |
| Split-level | 0.51 | 2,401 | 2,277 | 1,457 | 990 | 939 | 601 |
| Not asked (apartments and mobile homes) | 9.57 | 915 | 731 | 545 | 428 | 342 | 255 |
| Number of indoor light bulbs used at least 4 hours a day | | | | | | | |
| 0 to 2 | 12.35 | 1,485 | 1,232 | 966 | 660 | 547 | 429 |
| 3 to 5 | 7.45 | 1,598 | 1,389 | 1,070 | 680 | 591 | 456 |
| 6 to 9 | 5.14 | 1,832 | 1,605 | 1,236 | 732 | 641 | 494 |
| 10 to 19 | 3.70 | 2,071 | 1,848 | 1,529 | 752 | 670 | 555 |
| 20 or more | 0.98 | 2,614.00 | 2,401.00 | 2,025.00 | 710.00 | 652.00 | 550.00 |

Table HC10.13 Average square footage of West homes, 2024

| | Number of housing units (million) | Average square footage per housing unit | | | | Average square footage per household member | | |
|--|-----------------------------------|---|--------------------|---------------------|---------------------|---|--------|--------|
| | | Total West ^a | Total ^b | Heated ^c | Cooled ^c | Total ^b | Heated | Cooled |
| All homes | 29.63 | 1,684 | 1,452 | 1,144 | 693 | 598 | 471 | |
| Total number of rooms (excluding bathrooms) | | | | | | | | |
| One or two | 1.86 | 617 | 448 | 370 | 389 | 283 | 233 | |
| Three | 2.47 | 809 | 621 | 484 | 452 | 347 | 270 | |
| Four | 4.23 | 1,037 | 804 | 584 | 467 | 362 | 263 | |
| Five | 4.39 | 1,272 | 1,014 | 775 | 521 | 416 | 318 | |
| Six | 5.04 | 1,683 | 1,440 | 1,082 | 663 | 568 | 427 | |
| Seven | 4.36 | 1,896 | 1,640 | 1,270 | 759 | 656 | 508 | |
| Eight | 3.05 | 2,247 | 2,012 | 1,636 | 806 | 722 | 587 | |
| Nine or more | 4.23 | 3,116 | 2,896 | 2,403 | 1,069 | 994 | 825 | |
| Number of bedrooms | | | | | | | | |
| None | 0.83 | 571 | 364 | 319 | 345 | 219 | 193 | |
| One | 3.41 | 733 | 574 | 433 | 476 | 373 | 281 | |
| Two | 7.52 | 1,158 | 930 | 665 | 525 | 422 | 301 | |
| Three | 10.37 | 1,747 | 1,526 | 1,141 | 708 | 618 | 463 | |
| Four | 5.46 | 2,391 | 2,126 | 1,768 | 808 | 719 | 598 | |
| Five or more | 2.04 | 3,460 | 3,105 | 2,783 | 1,002 | 899 | 806 | |
| Basement | | | | | | | | |
| Yes | 4.21 | 2,766 | 2,447 | 1,777 | 992 | 877 | 637 | |
| Finished basement | 3.09 | 2,818 | 2,619 | 1,986 | 1,008 | 937 | 710 | |
| Unfinished basement | 1.11 | 2,622 | 1,968 | 1,198 | 946 | 710 | 432 | |
| No | 15.85 | 1,862 | 1,624 | 1,338 | 741 | 647 | 533 | |
| Not asked (apartments and mobile homes) | 9.57 | 915 | 731 | 545 | 428 | 342 | 255 | |
| Adequacy of insulation | | | | | | | | |
| Well insulated | 8.56 | 2,047 | 1,789 | 1,491 | 838 | 732 | 610 | |
| Adequately insulated | 14.53 | 1,616 | 1,423 | 1,102 | 677 | 597 | 462 | |
| Poorly insulated | 5.49 | 1,421 | 1,181 | 841 | 549 | 456 | 325 | |
| Not insulated | 1.05 | 1,056 | 512 | 487 | 503 | 244 | 232 | |
| Type of glass in windows | | | | | | | | |
| Single-pane glass | 9.45 | 1,298 | 1,018 | 772 | 539 | 423 | 320 | |
| Double-pane glass | 19.67 | 1,856 | 1,645 | 1,307 | 761 | 675 | 536 | |
| Triple-pane glass | 0.51 | 2,229 | 2,029 | 1,787 | 891 | 811 | 715 | |
| Number of household members | | | | | | | | |
| One person | 9.47 | 1,369 | 1,186 | 876 | 1,369 | 1,186 | 876 | |
| Two persons | 9.50 | 1,806 | 1,614 | 1,258 | 903 | 807 | 629 | |
| Three persons | 4.44 | 1,757 | 1,464 | 1,195 | 586 | 488 | 398 | |
| Four persons | 3.39 | 1,901 | 1,600 | 1,290 | 475 | 400 | 322 | |
| Five persons | 1.63 | 1,935 | 1,675 | 1,383 | 387 | 335 | 277 | |
| Six or more persons | 1.19 | 1,989 | 1,508 | 1,444 | 280 | 212 | 203 | |
| Annual household income | | | | | | | | |
| Less than \$10,000 | 1.36 | 1,098 | 750 | 621 | 379 | 259 | 214 | |
| \$10,000 to \$14,999 | 1.16 | 1,149 | 815 | 585 | 534 | 379 | 272 | |
| \$15,000 to \$29,999 | 2.74 | 1,267 | 1,005 | 757 | 593 | 470 | 354 | |
| \$30,000 to \$59,999 | 5.90 | 1,386 | 1,160 | 859 | 606 | 507 | 376 | |
| \$60,000 to \$99,999 | 6.46 | 1,586 | 1,377 | 1,064 | 698 | 606 | 468 | |
| \$100,000 to \$199,999 | 7.75 | 1,867 | 1,655 | 1,308 | 748 | 662 | 524 | |
| \$200,000 or more | 4.26 | 2,514.00 | 2,286.00 | 1,930.00 | 880.00 | 800.00 | 675.00 | |

Table HC10.13 Average square footage of West homes, 2024

| | Number of housing units (million) | Average square footage per housing unit | | | | Average square footage per household member | | |
|----------------------------------|-----------------------------------|---|--------------------|---------------------|---------------------|---|--------|--------|
| | | Total West ^a | Total ^b | Heated ^c | Cooled ^c | Total ^b | Heated | Cooled |
| All homes | 29.63 | 1,684 | 1,452 | 1,144 | 693 | 598 | 471 | |
| Ownership of housing unit | | | | | | | | |
| Owned | 19.06 | 2,039 | 1,808 | 1,435 | 819 | 726 | 576 | |
| Rented ^f | 10.57 | 1,045.00 | 811.00 | 620.00 | 450.00 | 349.00 | 267.00 | |

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.

^a *Total West* includes all primary occupied housing units in the West Census Region. Vacant housing units, seasonal units, second homes, military houses, and group quarters are excluded.

^b 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.

^c When calculating average heated and cooled square footage, all housing units are considered, including those that are not heated or cooled.

^d *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.

^e 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*.

^f *Rented* includes households that occupy their primary housing unit without paying rent.

N=No households in reporting sample.

Q=Data withheld because either the relative standard error (RSE) was greater than 50% or fewer than 10 households were in the reporting sample.

Relative standard errors (RSEs) for Table HC10.13 Average square footage of West homes, 2024

| | RSEs for number of housing units | | RSEs for average square footage per housing unit | | RSEs for average square footage per household member | | | |
|---|----------------------------------|-------|--|---------------------|--|--------------------|--------|--------|
| | Total West ^a | | Total ^b | Heated ^c | Cooled ^c | Total ^b | Heated | Cooled |
| All homes | P | | 0.83 | 1.10 | 1.46 | 1.60 | 1.86 | 1.97 |
| Census division | | | | | | | | |
| Mountain | P | | 1.43 | 1.72 | 2.02 | 1.93 | 2.18 | 2.62 |
| Mountain North | P | | 1.43 | 1.71 | 2.82 | 2.50 | 2.69 | 3.84 |
| Mountain South | P | | 2.33 | 2.87 | 3.01 | 2.96 | 3.47 | 3.70 |
| Pacific | P | | 1.15 | 1.63 | 2.29 | 2.30 | 2.67 | 2.73 |
| Census urban-rural classification^d | | | | | | | | |
| Urban | | 0.53 | 0.84 | 1.18 | 1.61 | 1.72 | 2.07 | 2.20 |
| Rural | | 4.81 | 3.03 | 3.53 | 4.98 | 5.39 | 5.81 | 6.33 |
| Climate region^e | | | | | | | | |
| Very cold/Cold | | 1.73 | 1.61 | 1.75 | 2.86 | 2.36 | 2.42 | 3.53 |
| Mixed-humid | N | | N | N | N | N | N | N |
| Mixed-dry/Hot-dry | | 1.17 | 1.49 | 1.99 | 2.24 | 2.75 | 3.32 | 3.31 |
| Hot-humid | P | | 3.69 | Q | 8.05 | 4.43 | Q | 8.84 |
| Marine | | 2.91 | 2.07 | 2.37 | 4.38 | 2.92 | 3.28 | 4.87 |
| Housing unit type | | | | | | | | |
| Single-family detached | P | | 1.15 | 1.36 | 1.76 | 1.86 | 2.01 | 2.26 |
| Single-family attached | P | | 2.80 | 3.60 | 4.04 | 4.90 | 5.62 | 5.43 |
| Apartment in a building with 2-4 units | P | | 3.46 | 5.52 | 7.54 | 6.99 | 8.42 | 9.92 |
| Apartment in a building with 5 or more units | P | | 1.54 | 3.41 | 4.23 | 4.34 | 5.44 | 6.16 |
| Mobile home | P | | 3.09 | 4.90 | 6.57 | 7.73 | 9.09 | 8.70 |
| Year of construction | | | | | | | | |
| Before 1950 | P | | 3.36 | 4.00 | 7.27 | 4.50 | 5.18 | 7.41 |
| 1950 to 1959 | P | | 3.86 | 5.81 | 8.31 | 5.58 | 7.11 | 8.85 |
| 1960 to 1969 | P | | 3.51 | 4.28 | 6.90 | 4.71 | 5.02 | 6.87 |
| 1970 to 1979 | P | | 2.89 | 3.60 | 4.43 | 4.08 | 4.38 | 5.00 |
| 1980 to 1989 | P | | 2.62 | 3.02 | 3.88 | 5.55 | 5.75 | 6.54 |
| 1990 to 1999 | P | | 2.81 | 3.58 | 4.26 | 4.63 | 5.51 | 5.47 |
| 2000 to 2009 | P | | 2.64 | 3.19 | 3.69 | 3.65 | 4.29 | 4.36 |
| 2010 to 2019 | | 3.83 | 4.52 | 5.28 | 5.08 | 5.73 | 6.45 | 5.83 |
| 2020 to 2024 | | 8.50 | 4.81 | 5.95 | 6.29 | 4.95 | 6.42 | 6.10 |
| Number of stories | | | | | | | | |
| One story | | 1.93 | 1.40 | 1.68 | 2.40 | 2.25 | 2.58 | 3.09 |
| Two stories | | 3.44 | 1.49 | 2.01 | 2.87 | 2.52 | 2.88 | 3.36 |
| Three or more stories | | 12.00 | 6.92 | 7.72 | 10.50 | 11.89 | 12.35 | 13.07 |
| Split-level | | 13.17 | 3.47 | 3.44 | 8.84 | 6.75 | 6.43 | 9.93 |
| Not asked (apartments and mobile homes) | P | | 1.20 | 2.58 | 3.01 | 3.49 | 4.38 | 4.45 |
| Number of indoor light bulbs used at least 4 hours a day | | | | | | | | |
| 0 to 2 | | 3.04 | 1.64 | 2.14 | 2.71 | 2.26 | 2.43 | 2.90 |
| 3 to 5 | | 4.21 | 2.41 | 2.87 | 4.06 | 3.16 | 3.76 | 4.56 |
| 6 to 9 | | 4.17 | 2.89 | 3.43 | 4.80 | 4.04 | 4.64 | 5.48 |
| 10 to 19 | | 5.16 | 2.77 | 3.46 | 3.76 | 3.30 | 4.14 | 4.77 |
| 20 or more | | 10.14 | 7.77 | 8.57 | 11.11 | 13.67 | 14.50 | 14.91 |

Relative standard errors (RSEs) for Table HC10.13 Average square footage of West homes, 2024

| | RSEs for number of housing units | | RSEs for average square footage per housing unit | | RSEs for average square footage per household member | | |
|--|----------------------------------|--------------------|--|---------------------|--|--------|--------|
| | Total West ^a | Total ^b | Heated ^c | Cooled ^c | Total ^b | Heated | Cooled |
| All homes | P | 0.83 | 1.10 | 1.46 | 1.60 | 1.86 | 1.97 |
| Total number of rooms (excluding bathrooms) | | | | | | | |
| One or two | 7.00 | 2.68 | 6.76 | 7.97 | 6.75 | 9.91 | 10.23 |
| Three | 7.21 | 2.40 | 4.99 | 6.16 | 5.51 | 7.59 | 6.93 |
| Four | 5.57 | 2.30 | 4.39 | 4.97 | 4.20 | 5.67 | 6.23 |
| Five | 4.71 | 2.02 | 3.27 | 4.47 | 4.86 | 6.41 | 6.47 |
| Six | 4.28 | 1.69 | 2.35 | 3.45 | 2.87 | 3.19 | 4.01 |
| Seven | 4.80 | 1.85 | 2.55 | 3.70 | 3.34 | 4.08 | 4.63 |
| Eight | 5.25 | 1.93 | 2.76 | 3.65 | 4.10 | 4.73 | 5.06 |
| Nine or more | 3.97 | 2.16 | 2.19 | 2.75 | 3.57 | 3.41 | 3.67 |
| Number of bedrooms | | | | | | | |
| None | 12.21 | 4.73 | 12.08 | 14.05 | 11.27 | 16.86 | 19.69 |
| One | 5.46 | 2.23 | 3.85 | 5.43 | 7.02 | 7.58 | 8.54 |
| Two | 3.51 | 1.46 | 2.42 | 3.44 | 3.16 | 4.14 | 4.47 |
| Three | 2.23 | 1.41 | 1.80 | 2.18 | 2.14 | 2.52 | 2.58 |
| Four | 4.02 | 1.57 | 2.04 | 2.92 | 3.13 | 3.54 | 3.82 |
| Five or more | 6.07 | 2.93 | 3.51 | 4.18 | 5.60 | 5.71 | 6.21 |
| Basement | | | | | | | |
| Yes | 3.50 | 2.43 | 2.94 | 4.30 | 4.09 | 4.63 | 5.61 |
| Finished basement | 4.82 | 2.96 | 3.43 | 5.07 | 4.52 | 4.91 | 6.37 |
| Unfinished basement | 8.22 | 3.17 | 4.57 | 10.98 | 7.81 | 8.99 | 12.14 |
| No | 0.93 | 1.23 | 1.58 | 2.10 | 1.94 | 2.17 | 2.42 |
| Not asked (apartments and mobile homes) | P | 1.20 | 2.58 | 3.01 | 3.49 | 4.38 | 4.45 |
| Adequacy of insulation | | | | | | | |
| Well insulated | 2.57 | 2.15 | 2.51 | 3.00 | 2.54 | 2.89 | 3.41 |
| Adequately insulated | 1.84 | 1.22 | 1.55 | 2.35 | 2.24 | 2.45 | 2.68 |
| Poorly insulated | 4.31 | 2.28 | 2.99 | 4.39 | 4.44 | 5.45 | 5.67 |
| Not insulated | 12.44 | 5.65 | 11.30 | 12.43 | 6.33 | 12.41 | 11.86 |
| Type of glass in windows | | | | | | | |
| Single-pane glass | 2.06 | 2.25 | 3.22 | 3.60 | 3.18 | 3.93 | 4.02 |
| Double-pane glass | 1.01 | 1.34 | 1.43 | 1.96 | 2.01 | 2.20 | 2.48 |
| Triple-pane glass | 15.21 | 6.80 | 7.81 | 10.42 | 11.05 | 12.69 | 14.33 |
| Number of household members | | | | | | | |
| One person | 2.76 | 2.18 | 2.74 | 3.70 | 2.18 | 2.74 | 3.70 |
| Two persons | 3.36 | 1.80 | 2.05 | 2.77 | 1.80 | 2.05 | 2.77 |
| Three persons | 4.68 | 3.10 | 4.01 | 5.51 | 3.10 | 4.01 | 5.51 |
| Four persons | 5.39 | 2.58 | 4.04 | 5.31 | 2.58 | 4.04 | 5.31 |
| Five persons | 6.97 | 4.07 | 5.16 | 7.56 | 4.07 | 5.16 | 7.56 |
| Six or more persons | 10.77 | 5.03 | 7.88 | 9.27 | 6.10 | 9.04 | 10.57 |
| Annual household income | | | | | | | |
| Less than \$10,000 | 8.66 | 5.94 | 11.52 | 13.18 | 6.56 | 13.36 | 14.35 |
| \$10,000 to \$14,999 | 11.57 | 7.23 | 8.48 | 10.43 | 10.88 | 11.65 | 13.91 |
| \$15,000 to \$29,999 | 6.53 | 3.72 | 5.45 | 8.19 | 6.10 | 7.17 | 9.25 |
| \$30,000 to \$59,999 | 3.91 | 1.92 | 2.58 | 3.63 | 2.89 | 3.80 | 4.13 |
| \$60,000 to \$99,999 | 3.50 | 2.05 | 2.74 | 2.94 | 3.21 | 3.83 | 3.82 |
| \$100,000 to \$199,999 | 2.96 | 1.93 | 2.18 | 2.97 | 2.51 | 2.82 | 3.15 |
| \$200,000 or more | 3.75 | 2.79 | 2.91 | 3.99 | 5.42 | 5.48 | 6.01 |

Relative standard errors (RSEs) for Table HC10.13 Average square footage of West homes, 2024

| | RSEs for number of housing units | RSEs for average square footage per housing unit | | | RSEs for average square footage per household member | | |
|----------------------------------|-------------------------------------|--|---------------------|---------------------|---|--------|--------|
| | Total West ^a | Total ^b | Heated ^c | Cooled ^c | Total ^b | Heated | Cooled |
| All homes | P | 0.83 | 1.10 | 1.46 | 1.60 | 1.86 | 1.97 |
| Ownership of housing unit | | | | | | | |
| Owned | 0.95 | 1.09 | 1.29 | 1.66 | 2.07 | 2.24 | 2.53 |
| Rented ^f | 1.71 | 1.58 | 2.39 | 3.37 | 2.27 | 3.18 | 3.60 |

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.

^a *Total West* includes all primary occupied housing units in the West Census Region. Vacant housing units, seasonal units, second homes, military houses, and group quarters are excluded.

^b 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.

^c When calculating average heated and cooled square footage, all housing units are considered, including those that are not heated or cooled.

^d *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.

^e 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*.

^f *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.

N=No households in reporting sample.

Q=Data withheld because either the relative standard error (RSE) was greater than 50% or fewer than 10 households were in the reporting sample.