

Preliminary data release date: March 2026

Table HC10.5 Total square footage of West homes, 2024

	Number of housing units (million)	Total square footage (billion square feet)		
	Total West ^a	Total ^b	Heated	Cooled
All homes	29.63	49.90	43.02	33.91
Census division				
Mountain	10.19	19.18	17.40	14.89
Mountain North	5.13	10.45	9.91	7.53
Mountain South	5.06	8.73	7.49	7.35
Pacific	19.44	30.72	25.62	19.02
Census urban-rural classification^c				
Urban	26.68	43.50	37.23	30.06
Rural	2.95	6.40	5.79	3.84
Climate region^d				
Very cold/Cold	6.93	13.66	12.97	9.36
Mixed-humid	N	N	N	N
Mixed-dry/Hot-dry	15.22	24.25	19.93	18.83
Hot-humid	0.49	0.67	Q	0.24
Marine	6.98	11.33	10.12	5.47
Housing unit type				
Single-family detached	18.08	38.29	33.76	26.85
Single-family attached	1.98	2.86	2.27	1.84
Apartment in a building with 2-4 units	1.98	1.67	1.37	0.84
Apartment in a building with 5 or more units	6.20	5.46	4.20	3.32
Mobile home	1.39	1.61	1.42	1.06
Year of construction				
Before 1950	3.27	5.16	4.20	2.14
1950 to 1959	2.62	3.74	3.12	2.26
1960 to 1969	2.85	4.30	3.64	2.61
1970 to 1979	4.62	6.98	5.87	4.25
1980 to 1989	4.12	6.12	5.41	4.22
1990 to 1999	3.72	7.00	6.16	5.32
2000 to 2009	4.34	8.75	7.64	6.69
2010 to 2019	2.82	5.37	4.79	4.34
2020 to 2024	1.27	2.48	2.17	2.07

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	Number of housing units (million)	Total square footage (billion square feet)		
	Total West ^a	Total ^b	Heated	Cooled
All homes	29.63	49.90	43.02	33.91
Number of stories				
One story	12.51	22.74	19.56	15.60
Two stories	6.44	15.76	14.01	11.42
Three or more stories	0.60	1.43	1.31	0.93
Split-level	0.51	1.22	1.15	0.74
Not asked (apartments and mobile homes)	9.57	8.75	6.99	5.22
Number of indoor light bulbs used at least 4 hours a day				
0 to 2	12.35	18.34	15.21	11.92
3 to 5	7.45	11.91	10.35	7.97
6 to 9	5.14	9.41	8.25	6.35
10 to 19	3.70	7.67	6.84	5.66
20 or more	0.98	2.57	2.36	1.99
Total number of rooms (excluding bathrooms)				
One or two	1.86	1.15	0.83	0.69
Three	2.47	2.00	1.53	1.19
Four	4.23	4.38	3.40	2.47
Five	4.39	5.58	4.45	3.40
Six	5.04	8.48	7.26	5.45
Seven	4.36	8.28	7.16	5.54
Eight	3.05	6.85	6.13	4.99
Nine or more	4.23	13.19	12.26	10.17
Number of bedrooms				
None	0.83	0.48	0.30	0.27
One	3.41	2.50	1.96	1.47
Two	7.52	8.71	6.99	5.00
Three	10.37	18.10	15.82	11.83
Four	5.46	13.05	11.60	9.65
Five or more	2.04	7.07	6.35	5.69

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	Number of housing units (million)	Total square footage (billion square feet)		
	Total West ^a	Total ^b	Heated	Cooled
All homes	29.63	49.90	43.02	33.91
Basement				
Yes	4.21	11.64	10.30	7.48
Finished basement	3.09	8.72	8.10	6.14
Unfinished basement	1.11	2.92	2.19	1.33
No	15.85	29.51	25.73	21.21
Not asked (apartments and mobile homes)	9.57	8.75	6.99	5.22
Adequacy of insulation				
Well insulated	8.56	17.53	15.32	12.77
Adequately insulated	14.53	23.47	20.68	16.01
Poorly insulated	5.49	7.79	6.48	4.61
Not insulated	1.05	1.11	0.54	0.51
Type of glass in windows				
Single-pane glass	9.45	12.27	9.62	7.29
Double-pane glass	19.67	36.51	32.37	25.71
Triple-pane glass	0.51	1.13	1.03	0.90
Number of household members				
One person	9.47	12.97	11.23	8.30
Two persons	9.50	17.16	15.33	11.96
Three persons	4.44	7.80	6.50	5.30
Four persons	3.39	6.45	5.43	4.37
Five persons	1.63	3.16	2.74	2.26
Six or more persons	1.19	2.36	1.79	1.72
Annual household income				
Less than \$10,000	1.36	1.50	1.02	0.85
\$10,000 to \$14,999	1.16	1.33	0.95	0.68
\$15,000 to \$29,999	2.74	3.47	2.75	2.07
\$30,000 to \$59,999	5.90	8.18	6.84	5.07
\$60,000 to \$99,999	6.46	10.24	8.89	6.87
\$100,000 to \$199,999	7.75	14.47	12.82	10.14
\$200,000 or more	4.26	10.72	9.75	8.23

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	Number of housing units (million)	Total square footage (billion square feet)		
		Total West ^a	Total ^b	Heated
All homes	29.63	49.90	43.02	33.91
Ownership of housing unit				
Owned	19.06	38.86	34.45	27.35
Rented ^e	10.57	11.04	8.57	6.56

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 *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.

^d 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*.

^e *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 HC10.5 Total square footage of West homes, 2024

	RSEs for number of housing units	RSEs for total square footage		
	Total West ^a	Total ^b	Heated	Cooled
All homes	P	0.83	1.10	1.46
Census division				
Mountain	P	1.43	1.72	2.02
Mountain North	P	1.43	1.71	2.82
Mountain South	P	2.33	2.87	3.01
Pacific	P	1.15	1.63	2.29
Census urban-rural classification^c				
Urban	0.53	1.01	1.31	1.73
Rural	4.81	5.02	5.14	6.48
Climate region^d				
Very cold/Cold	1.73	2.09	2.24	3.08
Mixed-humid	N	N	N	N
Mixed-dry/Hot-dry	1.17	1.97	2.32	2.54
Hot-humid	P	3.69	Q	8.05
Marine	2.91	3.88	4.11	5.60
Housing unit type				
Single-family detached	P	1.15	1.36	1.76
Single-family attached	P	2.80	3.60	4.04
Apartment in a building with 2-4 units	P	3.46	5.52	7.54
Apartment in a building with 5 or more units	P	1.54	3.41	4.23
Mobile home	P	3.09	4.90	6.57
Year of construction				
Before 1950	P	3.36	4.00	7.27
1950 to 1959	P	3.86	5.81	8.31
1960 to 1969	P	3.51	4.28	6.90
1970 to 1979	P	2.89	3.60	4.43
1980 to 1989	P	2.62	3.02	3.88
1990 to 1999	P	2.81	3.58	4.26
2000 to 2009	P	2.64	3.19	3.69
2010 to 2019	3.83	5.37	5.97	6.12
2020 to 2024	8.50	10.12	10.07	11.57

Relative standard errors (RSEs) for Table HC10.5 Total square footage of West homes, 2024

	RSEs for number of housing units		RSEs for total square footage	
	Total West ^a	Total ^b	Heated	Cooled
All homes	P	0.83	1.10	1.46
Number of stories				
One story	1.93	2.45	2.59	3.19
Two stories	3.44	3.77	4.18	4.81
Three or more stories	12.00	13.93	14.34	15.43
Split-level	13.17	13.58	13.97	16.64
Not asked (apartments and mobile homes)	P	1.20	2.58	3.01
Number of indoor light bulbs used at least 4 hours a day				
0 to 2	3.04	3.14	3.20	3.78
3 to 5	4.21	4.14	4.59	4.91
6 to 9	4.17	4.75	4.98	6.22
10 to 19	5.16	5.99	6.46	6.81
20 or more	10.14	12.74	13.19	14.02
Total number of rooms (excluding bathrooms)				
One or two	7.00	7.17	9.27	9.57
Three	7.21	8.01	8.52	9.54
Four	5.57	5.29	5.99	6.93
Five	4.71	5.05	6.23	6.58
Six	4.28	4.44	4.76	5.58
Seven	4.80	4.95	5.35	5.34
Eight	5.25	5.37	5.85	6.24
Nine or more	3.97	4.33	4.38	4.77
Number of bedrooms				
None	12.21	12.25	16.71	16.46
One	5.46	5.85	6.55	7.16
Two	3.51	3.75	4.35	4.93
Three	2.23	2.30	2.62	3.24
Four	4.02	4.06	4.17	4.97
Five or more	6.07	7.21	7.60	7.81

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Basement				
Yes	3.50	4.08	4.15	5.16
Finished basement	4.82	4.95	4.88	5.92
Unfinished basement	8.22	9.01	9.59	14.23
No	0.93	1.55	1.91	2.19
Not asked (apartments and mobile homes)	P	1.20	2.58	3.01
Adequacy of insulation				
Well insulated	2.57	2.78	2.82	3.43
Adequately insulated	1.84	2.11	2.30	2.77
Poorly insulated	4.31	4.94	5.07	6.47
Not insulated	12.44	12.97	17.38	19.09
Type of glass in windows				
Single-pane glass	2.06	3.38	4.11	4.35
Double-pane glass	1.01	1.51	1.59	2.12
Triple-pane glass	15.21	15.89	16.67	19.05
Number of household members				
One person	2.76	3.39	3.80	4.78
Two persons	3.36	3.73	3.98	4.08
Three persons	4.68	5.10	5.56	6.34
Four persons	5.39	5.47	6.31	6.49
Five persons	6.97	7.41	8.07	9.55
Six or more persons	10.77	10.33	10.86	10.68
Annual household income				
Less than \$10,000	8.66	10.16	12.24	14.55
\$10,000 to \$14,999	11.57	12.69	13.15	16.32
\$15,000 to \$29,999	6.53	7.32	8.11	9.89
\$30,000 to \$59,999	3.91	3.74	4.69	4.86
\$60,000 to \$99,999	3.50	3.72	4.28	4.24
\$100,000 to \$199,999	2.96	3.07	3.19	3.98
\$200,000 or more	3.75	4.02	4.19	4.99

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Rented ^e	1.71	2.73	3.39	4.00

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^e *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.