

Table HC10.14 Average square footage of single-family homes, 2024

	Number of housing units (million)	Average square footage per housing unit			Average square footage per household member		
		Total single-family ^a	Total ^b	Heated ^c	Cooled ^c	Total ^b	Heated
All homes	91.16	2,248	1,945	1,667	893	772	662
Census region and division							
Northeast	13.81	2,421	2,030	1,344	992	832	551
New England	3.85	2,538	2,060	1,162	1,048	851	480
Middle Atlantic	9.95	2,375	2,019	1,414	971	825	578
Midwest	21.02	2,386	2,179	1,866	951	869	744
East North Central	14.23	2,395	2,175	1,822	946	859	720
West North Central	6.79	2,369	2,187	1,959	962	888	795
South	36.28	2,210	1,859	1,807	875	736	715
South Atlantic	19.11	2,259	1,874	1,875	924	767	767
East South Central	5.86	2,211	1,907	1,716	915	789	710
West South Central	11.31	2,127	1,808	1,738	782	665	639
West	20.06	2,052	1,796	1,430	798	699	557
Mountain	7.30	2,248	2,047	1,737	904	823	698
Mountain North	3.73	2,453	2,312	1,758	990	933	710
Mountain South	3.57	2,033	1,770	1,715	814	709	687
Pacific	12.76	1,940	1,653	1,255	741	632	480
Census urban-rural classification^d							
Urban	69.50	2,195	1,889	1,668	867	746	659
Rural	21.66	2,416	2,123	1,665	976	857	673
Climate region^e							
Very cold/Cold	29.92	2,436	2,187	1,640	977	877	658
Mixed-humid	28.77	2,291	2,005	1,789	939	821	733
Mixed-dry/Hot-dry	11.02	1,936	1,640	1,530	722	612	571
Hot-humid	16.94	2,109	1,653	1,762	808	633	675
Marine	4.51	2,008	1,798	1,057	824	738	434
Year of construction							
Before 1950	14.58	2,099	1,701	1,137	892	723	483
1950 to 1959	10.00	1,856	1,598	1,283	751	646	519
1960 to 1969	9.25	1,975	1,708	1,434	808	699	587
1970 to 1979	12.00	2,048	1,804	1,513	830	731	613
1980 to 1989	10.23	2,206	1,908	1,662	912	789	687
1990 to 1999	11.22	2,448	2,147	1,952	969	850	773
2000 to 2009	12.14	2,595	2,276	2,143	958	840	791
2010 to 2019	7.78	2,762	2,467	2,299	1,027	917	855
2020 to 2024	3.95	2,491	2,184	2,112	865	759	734
Number of stories							
One story	50.14	1,984	1,678	1,474	831	703	617
Two stories	35.67	2,596	2,288	1,925	966	852	716
Three or more stories	3.01	2,520	2,242	1,807	947	842	679
Split-level	2.34	2,241	2,050	1,709	879	804	671
Not asked (apartments and mobile homes)	N	N	N	N	N	N	N
Number of indoor light bulbs used at least 4 hours a day							
0 to 2	33.73	2,049	1,752	1,474	885	757	637
3 to 5	22.73	2,178	1,859	1,579	895	763	648
6 to 9	17.79	2,317	2,014	1,707	901	783	664
10 to 19	13.24	2,591	2,300	2,042	897	797	707
20 or more	3.67	2,928	2,635	2,449	884	795	739
Total number of rooms (excluding bathrooms)							
One or two	0.28	795	560	327	393	277	162
Three	1.27	1,225	888	672	628	455	345
Four	5.18	1,371	1,084	892	651	515	423
Five	11.87	1,582	1,300	1,071	710	584	481
Six	19.23	1,812	1,541	1,281	761	648	539
Seven	18.37	2,093	1,793	1,532	835	716	611
Eight	14.48	2,538	2,198	1,885	952	824	707
Nine or more	20.49	3,281.00	2,957.00	2,619.00	1,143.00	1,030.00	913.00

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		Total single-family ^a	Total ^b	Heated ^c	Cooled ^c	Total ^b	Heated
All homes	91.16	2,248	1,945	1,667	893	772	662
Number of bedrooms							
None	0.09	Q	Q	Q	Q	Q	Q
One	1.39	1,090	850	598	736	574	404
Two	13.92	1,560	1,293	1,026	787	653	518
Three	44.88	2,005	1,717	1,449	849	727	614
Four	23.66	2,740	2,416	2,124	940	829	729
Five or more	7.22	3,701	3,292	2,973	1,082	963	870
Basement							
Yes	39.14	2,640	2,298	1,840	1,031	898	719
Finished basement	23.04	2,722	2,513	2,126	1,032	953	806
Unfinished basement	16.10	2,521	1,989	1,430	1,030	812	584
No	52.02	1,953	1,680	1,538	785	675	618
Not asked (apartments and mobile homes)	N	N	N	N	N	N	N
Adequacy of insulation							
Well insulated	29.12	2,552	2,220	1,989	1,037	902	808
Adequately insulated	46.80	2,187	1,916	1,628	871	763	648
Poorly insulated	13.56	1,879	1,561	1,218	705	586	457
Not insulated	1.68	1,644	1,076	820	658	431	328
Type of glass in windows							
Single-pane glass	24.47	1,933	1,588	1,322	752	618	514
Double-pane glass	64.60	2,354	2,070	1,785	940	827	713
Triple-pane glass	2.09	2,666	2,256	2,066	1,116	944	865
Number of household members							
One person	24.34	2,012	1,728	1,455	2,012	1,728	1,455
Two persons	32.25	2,297	1,997	1,704	1,149	998	852
Three persons	13.84	2,286	1,972	1,698	762	657	566
Four persons	11.41	2,382	2,079	1,809	596	520	452
Five persons	5.40	2,536	2,255	2,022	507	451	404
Six or more persons	3.93	2,385	1,950	1,677	352	288	248
Annual household income							
Less than \$10,000	2.37	1,695	1,293	899	661	504	351
\$10,000 to \$14,999	2.42	1,647	1,249	954	702	532	407
\$15,000 to \$29,999	7.03	1,849	1,505	1,135	878	714	538
\$30,000 to \$59,999	19.93	1,899	1,598	1,320	853	718	593
\$60,000 to \$99,999	21.01	2,105	1,833	1,539	862	750	630
\$100,000 to \$199,999	26.19	2,437	2,150	1,921	890	785	702
\$200,000 or more	12.21	3,112	2,781	2,507	1,066	953	859
Ownership of housing unit							
Owned	79.66	2,340	2,039	1,758	945	824	710
Rented ^f	11.50	1,609.00	1,294.00	1,042.00	571.00	459.00	369.00

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 single-family includes all single-family (detached and attached) primary occupied housing units in the 50 states and the District of Columbia. 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 HC10.14 Average square footage of single-family 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 single-family ^a	Total ^b	Heated ^c	Cooled ^c	Total ^b	Heated	Cooled
All homes	P	0.53	0.54	0.67	0.83	0.82	0.95
Census region and division							
Northeast		0.13	0.96	1.01	1.65	1.76	2.27
New England		0.63	1.44	1.48	3.17	2.31	3.47
Middle Atlantic		0.30	1.28	1.30	1.90	2.26	2.68
Midwest		0.09	1.17	1.14	1.45	1.57	1.74
East North Central	P	1.55	1.54	2.07	1.84	1.82	2.31
West North Central		0.27	1.57	1.63	1.88	2.47	2.51
South		0.01	0.82	0.83	0.86	1.50	1.45
South Atlantic		0.01	1.10	1.19	1.18	1.83	1.90
East South Central	P	1.76	1.67	2.06	2.52	2.32	2.72
West South Central	P	1.59	1.67	1.76	2.58	2.58	2.73
West	P	1.05	1.28	1.28	1.69	1.81	2.20
Mountain	P	1.63	1.92	1.92	2.31	2.39	3.08
Mountain North	P	1.57	1.90	1.90	3.11	2.96	4.38
Mountain South	P	2.84	3.25	3.25	3.56	3.44	4.08
Pacific	P	1.42	1.87	1.87	2.59	2.46	3.00
Census urban-rural classification^d							
Urban		0.57	0.60	0.62	0.84	0.91	1.10
Rural		1.82	1.10	1.13	1.51	1.91	1.86
Climate region^e							
Very cold/Cold		0.79	0.95	0.98	1.27	1.19	1.46
Mixed-humid		0.88	0.92	0.88	1.20	1.31	1.51
Mixed-dry/Hot-dry		1.56	1.69	2.02	2.39	2.65	3.32
Hot-humid		0.98	1.40	1.53	1.32	2.40	2.38
Marine		3.86	2.35	2.88	5.05	3.55	5.65
Year of construction							
Before 1950		1.30	1.42	1.54	2.27	1.95	2.70
1950 to 1959		1.79	1.61	2.03	2.25	2.48	2.97
1960 to 1969		1.71	1.51	1.59	1.98	2.59	3.04
1970 to 1979		1.69	1.49	1.74	1.89	2.33	2.63
1980 to 1989		1.79	1.69	1.73	2.05	2.49	2.76
1990 to 1999		1.70	1.30	1.34	1.66	1.98	2.09
2000 to 2009		1.67	1.38	1.59	1.62	2.35	2.45
2010 to 2019		2.94	1.69	1.89	2.02	2.67	2.77
2020 to 2024		4.74	2.28	3.08	2.82	3.44	3.66
Number of stories							
One story		0.92	0.65	0.79	1.08	1.12	1.57
Two stories		1.36	0.79	0.82	1.13	1.02	1.24
Three or more stories		5.51	3.00	2.87	4.50	4.55	5.75
Split-level		7.41	2.61	3.03	3.58	4.39	5.02
Not asked (apartments and mobile homes)	N	N	N	N	N	N	N
Number of indoor light bulbs used at least 4 hours a day							
0 to 2		1.44	0.91	1.00	1.37	1.51	1.74
3 to 5		1.78	1.16	1.32	1.47	1.62	1.96
6 to 9		2.26	1.16	1.15	1.77	1.83	2.38
10 to 19		2.69	1.40	1.45	1.82	2.25	2.75
20 or more		4.50	2.49	2.97	3.31	4.18	4.21
Total number of rooms (excluding bathrooms)							
One or two		17.13	9.57	13.12	20.42	23.81	33.93
Three		8.92	5.34	7.45	8.34	8.12	8.80
Four		4.67	1.90	2.70	3.06	3.75	4.24
Five		2.75	1.36	1.69	1.99	2.48	3.23
Six		2.07	0.87	1.17	1.67	1.99	2.44
Seven		2.27	1.09	1.09	1.34	1.92	2.12
Eight		1.88	1.00	1.20	1.55	1.82	1.95
Nine or more		2.00	0.81	0.93	0.99	1.55	1.53

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	Total single-family ^a	Total ^b	Heated ^c	Cooled ^c	Total ^b	Heated	Cooled
All homes	P	0.53	0.54	0.67	0.83	0.82	0.95
Number of bedrooms							
None	35.37	Q	Q	Q	Q	Q	Q
One	8.15	4.80	6.88	7.61	6.10	7.79	8.10
Two	2.56	1.13	1.34	2.29	2.19	2.30	3.00
Three	0.95	0.77	0.87	1.14	1.27	1.39	1.62
Four	1.89	0.78	0.79	1.02	1.43	1.47	1.60
Five or more	3.09	1.21	1.70	1.88	2.61	2.78	3.00
Basement							
Yes	0.88	0.74	0.79	0.99	0.94	1.02	1.21
Finished basement	1.62	1.05	1.20	1.43	1.40	1.57	1.77
Unfinished basement	1.73	1.07	1.10	1.86	1.63	1.50	2.24
No	0.66	0.74	0.74	0.94	1.24	1.18	1.46
Not asked (apartments and mobile homes)	N	N	N	N	N	N	N
Adequacy of insulation							
Well insulated	1.47	0.97	1.12	1.18	1.35	1.48	1.52
Adequately insulated	1.13	0.70	0.77	0.89	1.25	1.16	1.34
Poorly insulated	3.32	1.31	1.88	2.44	2.14	2.59	2.84
Not insulated	7.58	5.07	6.61	8.70	7.19	8.78	9.01
Type of glass in windows							
Single-pane glass	1.72	1.07	1.28	1.61	1.44	1.63	1.86
Double-pane glass	0.64	0.69	0.73	0.89	1.04	1.05	1.17
Triple-pane glass	6.44	3.16	4.21	3.83	5.79	7.02	6.66
Number of household members							
One person	1.94	1.28	1.26	1.52	1.28	1.26	1.52
Two persons	1.40	0.96	1.04	1.27	0.96	1.04	1.27
Three persons	2.89	1.41	1.51	1.99	1.41	1.51	1.99
Four persons	2.40	1.30	1.52	2.12	1.30	1.52	2.12
Five persons	4.47	2.03	2.41	3.06	2.03	2.41	3.06
Six or more persons	5.67	2.43	3.18	3.98	2.63	3.54	4.40
Annual household income							
Less than \$10,000	7.30	4.02	5.48	6.15	6.77	8.37	8.73
\$10,000 to \$14,999	5.73	3.13	4.68	5.97	6.55	8.00	7.68
\$15,000 to \$29,999	3.57	2.10	2.44	2.97	3.84	3.96	4.28
\$30,000 to \$59,999	1.90	1.13	1.13	1.66	1.72	1.82	2.06
\$60,000 to \$99,999	2.03	1.10	1.23	1.29	1.82	2.04	2.17
\$100,000 to \$199,999	1.46	0.89	0.91	1.20	1.57	1.55	1.74
\$200,000 or more	2.36	1.24	1.35	1.57	1.69	1.77	1.85
Ownership of housing unit							
Owned	0.34	0.56	0.55	0.70	0.96	0.92	1.10
Rented ^f	2.38	1.42	1.76	2.77	2.06	2.35	2.61

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)

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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.

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