

Table HC10.15 Average square footage of apartment units, 2024

	Number of housing units (million)	Average square footage per housing unit		Average square footage per household member				
		Total apartment units ^a	Total ^b	Heated ^c	Cooled ^c	Total ^b	Heated	Cooled
All homes	34.74		909	779	647	472	404	336
Census region and division								
Northeast	8.63		886	841	535	439	416	265
New England	2.21		902	872	498	464	449	256
Middle Atlantic	6.42		880	830	548	430	406	268
Midwest	6.54		886	850	641	503	483	364
East North Central	4.62		870	834	625	499	478	358
West North Central	1.91		922	887	682	513	493	379
South	11.39		966	763	834	523	413	451
South Atlantic	6.32		1,005	722	877	555	399	485
East South Central	1.38		952	847	813	518	461	442
West South Central	3.69		906	802	768	473	418	401
West	8.18		872	681	508	421	328	245
Mountain	2.24		905	813	741	478	430	391
Mountain North	1.17		887	875	707	502	495	400
Mountain South	1.07		923	747	778	455	368	383
Pacific	5.94		860	630	421	402	295	197
Census urban-rural classification^d								
Urban	33.80		909	777	648	472	404	336
Rural	0.95		907	844	602	470	438	312
Climate region^e								
Very cold/Cold	10.79		886	855	576	487	470	317
Mixed-humid	10.88		923	851	695	485	447	365
Mixed-dry/Hot-dry	4.47		874	613	611	382	268	267
Hot-humid	6.41		964	657	846	501	341	440
Marine	2.20		867	749	250	470	406	135
Year of construction								
Before 1950	5.56		828	775	467	460	431	260
1950 to 1959	2.05		796	721	451	392	355	222
1960 to 1969	3.24		823	732	508	449	400	277
1970 to 1979	4.92		870	695	539	435	348	270
1980 to 1989	5.23		921	771	667	457	383	331
1990 to 1999	3.13		970	827	790	473	403	386
2000 to 2009	4.96		1,013	842	806	524	436	417
2010 to 2019	3.95		972	823	817	518	438	435
2020 to 2024	1.70		989	851	863	553	475	482
Number of indoor light bulbs used at least 4 hours a day								
0 to 2	17.23		879	735	619	492	412	347
3 to 5	8.88		898	792	609	467	412	316
6 to 9	5.07		942	810	693	447	384	329
10 to 19	2.93		1,029	897	791	460	401	354
20 or more	0.64		1,059.00	997.00	892.00	365.00	344.00	307.00

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	Number of housing units (million)	Average square footage per housing unit			Average square footage per household member		
		Total apartment units ^a	Total ^b	Heated ^c	Cooled ^c	Total ^b	Heated
All homes	34.74	909	779	647	472	404	336
Total number of rooms (excluding bathrooms)							
One or two	5.69	634	520	455	460	377	329
Three	8.17	771	665	538	489	422	341
Four	10.63	930	790	663	455	386	324
Five	6.33	1,067	928	779	470	408	343
Six	2.50	1,220	1,041	872	471	401	336
Seven	0.84	1,358	1,214	978	545	488	393
Eight	0.30	1,230	1,211	810	504	496	332
Nine or more	0.29	1,622	1,466	911	613	554	344
Number of bedrooms							
None	2.42	593	446	439	429	323	318
One	12.37	731	638	514	517	451	363
Two	16.14	1,005	853	720	472	401	338
Three	3.21	1,240	1,097	874	414	366	292
Four	0.47	1,541	1,381	1,144	473	424	351
Five or more	0.13	1,405	1,229	714	319	279	162
Adequacy of insulation							
Well insulated	7.92	948	797	735	493	415	383
Adequately insulated	17.68	912	791	664	502	435	365
Poorly insulated	7.52	878	780	546	401	356	249
Not insulated	1.62	826	558	494	432	292	258
Type of glass in windows							
Single-pane glass	15.83	874	726	606	443	368	307
Double-pane glass	18.38	937	827	680	497	438	360
Triple-pane glass	0.53	990	701	700	516	366	365
Number of household members							
One person	17.40	832	728	599	832	728	599
Two persons	9.43	952	814	700	476	407	350
Three persons	3.95	988	852	654	329	284	218
Four persons	2.43	1,067	870	736	267	217	184
Five persons	0.91	979	747	666	196	149	133
Six or more persons	0.63	1,168	921	745	161	127	103
Annual household income							
Less than \$10,000	3.36	822	648	519	376	296	237
\$10,000 to \$14,999	2.86	813	709	516	449	392	285
\$15,000 to \$29,999	4.92	839	716	545	451	385	293
\$30,000 to \$59,999	9.04	890	759	631	463	395	328
\$60,000 to \$99,999	7.01	923	780	696	492	416	372
\$100,000 to \$199,999	5.52	980	872	737	527	469	396
\$200,000 or more	2.02	1,205.00	1,085.00	946.00	547.00	492.00	429.00

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		Total apartment units ^a	Total ^b	Heated ^c	Cooled ^c	Total ^b	Heated
All homes	34.74	909	779	647	472	404	336
Ownership of housing unit							
Owned	4.78	1,144	962	901	606	510	477
Rented ^f	29.97	872.00	750.00	606.00	451.00	388.00	314.00

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 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.

^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.

Relative standard errors (RSEs) for Table HC10.15 Average square footage of apartment units, 2024

	RSEs for number of housing units	RSEs for average square footage per housing unit			RSEs for average square footage per household member		
	Total apartment units ^a	Total ^b	Heated ^c	Cooled ^c	Total ^b	Heated	Cooled
All homes	P	0.79	1.26	1.71	1.58	1.82	2.15
Census region and division							
Northeast	P	1.48	1.46	2.33	2.55	2.42	2.68
New England	P	2.33	2.26	4.63	4.24	4.32	5.45
Middle Atlantic	P	1.84	1.78	2.61	2.95	2.83	3.02
Midwest	P	2.14	2.33	4.40	2.93	3.27	4.49
East North Central	P	2.08	2.26	4.52	3.30	3.52	5.02
West North Central	P	4.44	4.88	7.32	5.54	6.06	7.72
South	P	1.21	2.35	2.19	2.60	3.32	3.33
South Atlantic	P	1.86	3.80	3.05	3.36	4.67	4.07
East South Central	P	2.45	4.53	4.42	5.73	7.24	6.95
West South Central	P	1.75	3.21	3.59	4.12	4.88	5.43
West	P	1.30	2.79	3.68	3.78	4.64	5.34
Mountain	P	2.21	2.53	3.70	4.31	4.66	5.63
Mountain North	P	3.09	3.33	5.58	6.81	7.04	8.66
Mountain South	P	2.84	4.95	4.76	5.75	7.46	7.47
Pacific	P	1.87	4.11	5.54	4.65	6.37	7.12
Census urban-rural classification^d							
Urban	0.31	0.81	1.28	1.70	1.59	1.80	2.11
Rural	11.03	4.41	5.40	8.79	8.75	8.46	12.77
Climate region^e							
Very cold/Cold	1.61	1.34	1.46	2.87	2.34	2.38	2.86
Mixed-humid	1.75	1.60	2.00	2.61	2.41	2.82	3.26
Mixed-dry/Hot-dry	2.79	1.47	4.56	4.48	5.04	6.36	6.83
Hot-humid	1.65	1.34	3.72	2.51	3.13	4.53	3.90
Marine	5.54	3.44	4.86	12.73	5.11	6.93	12.60
Year of construction							
Before 1950	3.53	2.81	3.25	5.30	3.38	3.71	5.40
1950 to 1959	8.32	3.03	4.31	7.43	5.73	7.01	8.45
1960 to 1969	4.65	2.16	3.58	4.96	4.28	5.16	6.15
1970 to 1979	3.86	1.40	2.88	3.70	2.98	4.09	4.61
1980 to 1989	3.53	1.56	2.22	4.25	4.89	5.04	6.34
1990 to 1999	5.50	2.00	3.53	3.92	5.08	6.27	5.64
2000 to 2009	4.10	1.77	3.35	3.24	3.45	4.39	4.53
2010 to 2019	5.25	2.05	3.42	3.50	3.87	5.03	4.85
2020 to 2024	8.89	3.30	5.38	4.62	5.50	5.87	6.39
Number of indoor light bulbs used at least 4 hours a day							
0 to 2	2.04	0.94	1.80	2.32	2.07	2.50	2.67
3 to 5	3.44	1.33	1.88	2.71	2.74	3.15	3.87
6 to 9	5.78	2.09	3.10	3.89	4.03	4.84	5.20
10 to 19	6.00	2.47	3.64	4.19	4.88	5.63	6.06
20 or more	14.49	6.70	8.34	10.67	21.26	23.45	22.32

Relative standard errors (RSEs) for Table HC10.15 Average square footage of apartment units, 2024

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	Total apartment units ^a	Total ^b	Heated ^c	Cooled ^c	Total ^b	Heated	Cooled
All homes	P	0.79	1.26	1.71	1.58	1.82	2.15
Total number of rooms (excluding bathrooms)							
One or two	4.66	1.55	3.20	3.34	3.21	4.52	4.63
Three	2.75	1.26	2.09	3.24	2.80	3.15	3.61
Four	3.04	0.92	1.66	2.39	2.33	2.65	3.45
Five	4.78	1.53	2.72	3.93	4.22	4.89	5.50
Six	6.33	2.25	3.93	4.63	6.00	7.73	7.72
Seven	12.63	3.72	5.41	10.31	9.46	10.32	13.54
Eight	23.02	9.51	9.92	20.50	11.00	11.05	20.27
Nine or more	21.78	14.85	18.15	28.71	16.03	17.52	28.32
Number of bedrooms							
None	7.15	2.88	5.85	5.54	4.70	7.14	6.43
One	2.75	0.93	1.40	2.42	2.57	2.75	3.37
Two	2.37	0.76	1.41	2.07	2.24	2.55	3.04
Three	5.24	1.94	2.76	4.96	5.18	5.90	7.26
Four	17.66	10.22	13.20	13.93	11.08	15.11	14.41
Five or more	29.29	9.73	14.80	33.82	18.49	15.66	30.53
Adequacy of insulation							
Well insulated	3.43	1.65	2.82	3.25	3.54	4.17	4.59
Adequately insulated	1.98	1.14	1.69	2.31	1.92	2.18	2.82
Poorly insulated	3.07	1.50	1.98	3.99	3.26	3.51	4.68
Not insulated	9.15	4.39	9.27	9.25	5.68	9.98	9.80
Type of glass in windows							
Single-pane glass	2.37	0.92	1.63	2.25	2.17	2.69	3.11
Double-pane glass	2.03	1.25	1.69	2.37	1.99	2.40	2.68
Triple-pane glass	16.34	6.60	11.27	14.22	12.26	18.06	18.52
Number of household members							
One person	2.05	1.16	1.79	2.03	1.16	1.79	2.03
Two persons	3.53	1.45	2.42	2.71	1.45	2.42	2.71
Three persons	6.02	2.33	3.72	4.87	2.33	3.72	4.87
Four persons	7.25	3.03	4.81	6.54	3.03	4.81	6.54
Five persons	12.71	3.84	8.50	8.57	3.84	8.50	8.57
Six or more persons	16.35	5.91	11.42	12.47	8.69	13.14	13.27
Annual household income							
Less than \$10,000	5.99	2.32	4.18	5.29	3.89	4.67	5.76
\$10,000 to \$14,999	6.82	4.00	4.75	7.08	6.56	7.53	9.47
\$15,000 to \$29,999	4.61	1.53	2.91	4.25	3.63	4.52	6.03
\$30,000 to \$59,999	2.99	1.19	2.27	2.62	3.20	3.80	4.17
\$60,000 to \$99,999	4.70	1.18	1.97	2.79	2.54	2.89	3.73
\$100,000 to \$199,999	4.94	1.71	2.40	2.99	2.77	2.96	3.50
\$200,000 or more	7.86	3.29	3.90	4.83	8.19	8.69	8.36

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All homes	P	0.79	1.26	1.71	1.58	1.82	2.15
Ownership of housing unit							
Owned	5.03	2.34	3.64	3.43	4.85	5.71	5.45
Rented ^f	0.80	0.79	1.20	1.94	1.56	1.79	2.32

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.

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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.