

**Table HC10.16 Average square footage of mobile homes, 2020**

	Number of housing units (million)	Average square footage per housing unit		Average square footage per household member			
	Total mobile homes <sup>a</sup>	Total <sup>b</sup>	Heated <sup>c</sup>	Cooled <sup>c</sup>	Total <sup>b</sup>	Heated	Cooled
<b>All homes</b>	6.83	1,214	1,140	907	500	470	374
<b>Census region and division</b>							
Northeast	0.50	1,081	1,056	572	471	460	249
New England	0.14	1,150	1,150	493	575	575	247
Middle Atlantic	0.36	1,054	1,020	603	437	422	250
Midwest	0.97	1,171	1,151	881	531	521	399
East North Central	0.63	1,114	1,097	825	519	512	385
West North Central	0.35	1,275	1,247	980	549	537	422
South	3.89	1,257	1,169	1,011	494	459	397
South Atlantic	2.00	1,211	1,126	961	514	477	407
East South Central	0.77	1,344	1,262	1,059	516	484	406
West South Central	1.12	1,280	1,180	1,067	451	415	376
West	1.47	1,173	1,086	766	510	472	333
Mountain	0.67	1,146	1,081	816	522	493	372
Mountain North	0.24	1,160	1,160	687	542	542	321
Mountain South	0.43	1,138	1,036	889	511	466	400
Pacific	0.80	1,196	1,089	724	500	456	303
<b>Census urban/rural classification<sup>d</sup></b>							
Urban	3.31	1,117	1,029	849	452	417	344
Urbanized area	2.53	1,111	1,010	836	448	407	337
Urban cluster	0.77	1,136	1,093	894	467	449	367
Rural	3.52	1,306	1,244	962	547	521	403
<b>Climate region<sup>e</sup></b>							
Very cold/Cold	1.52	1,158	1,147	735	532	527	338
Mixed-humid	2.35	1,272	1,212	980	489	466	377
Mixed-dry/Hot-dry	0.83	1,133	1,017	901	476	428	379
Hot-humid	1.80	1,215	1,097	1,022	490	442	412
Marine	0.34	1,260	1,136	583	574	518	265
<b>Year of construction</b>							
Before 1950	0.09	1,008	947	510	392	368	Q
1950 to 1959	0.16	912	853	569	433	405	270
1960 to 1969	0.37	933	879	565	526	496	319
1970 to 1979	1.34	1,042	981	685	445	419	293
1980 to 1989	1.33	1,137	1,059	805	460	428	326
1990 to 1999	1.92	1,315	1,227	986	539	503	404
2000 to 2009	0.98	1,435	1,356	1,233	531	502	456
2010 to 2015	0.32	1,417	1,392	1,270	560	550	502
2016 to 2020	0.31	1,316	1,217	1,123	534	494	456
<b>Fuels used for any use (more than one may apply)</b>							
Electricity	6.83	1,214	1,140	907	500	470	374
Natural gas	2.30	1,135	1,067	825	469	441	341
Propane <sup>f</sup>	1.31	1,185	1,104	804	543	506	368
Wood	0.63	1,473	1,463	1,018	609	604	421
Fuel oil or kerosene	0.28	1,137	1,085	533	438	418	205
<b>Distributed solar generation</b>							
Yes	0.10	1,282	939	942	350	Q	257
No	6.73	1,213	1,143	907	504	475	377
Not asked (apartments)	N	N	N	N	N	N	N

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<b>All homes</b>	6.83	1,214	1,140	907	500	470	374
<b>Main space heating fuel</b>							
Natural gas	1.60	1,155	1,155	870	518	518	390
Electricity	3.87	1,263	1,194	992	503	476	395
Fuel oil or kerosene	0.23	1,102	1,102	471	494	494	211
Propane	0.69	1,168	1,168	851	513	513	374
Wood	0.22	1,164	1,164	546	549	549	257
Some other fuel <sup>b</sup>	Q	Q	Q	Q	Q	Q	Q
Does not use heating equipment	0.22	1,096	0	710	322	0	208
<b>Air-conditioning equipment</b>							
Uses air-conditioning equipment	6.07	1,212	1,145	1,022	497	469	419
Does not use air-conditioning equipment	0.76	1,229	1,103	0	531	476	0
<b>Fuel used by main water heater</b>							
Natural gas	1.28	1,137	1,076	823	475	449	344
Electricity	5.17	1,236	1,164	940	506	476	385
Propane	0.36	1,185	1,083	740	618	565	386
Fuel oil or kerosene	Q	Q	Q	Q	Q	Q	Q
Some other fuel <sup>b</sup>	Q	Q	Q	Q	Q	Q	Q
<b>Indoor light bulbs used at least 4 hours a day</b>							
0 to 2	2.99	1,147	1,067	834	506	471	368
3 to 5	1.91	1,220	1,162	926	503	479	382
6 to 9	1.21	1,286	1,169	970	503	457	379
10 to 19	0.58	1,375	1,359	1,077	474	469	372
20 or more	0.14	1,291	1,232	974	470	449	355
<b>Total number of rooms (excluding bathrooms)</b>							
1 or 2	0.11	513	385	393	215	Q	165
3	0.21	774	637	545	422	347	297
4	1.17	846	744	591	414	364	289
5	1.65	1,025	957	735	412	385	295
6	1.94	1,262	1,209	959	501	480	380
7	0.87	1,535	1,440	1,149	614	576	460
8	0.58	1,800	1,749	1,501	672	653	560
9 or more	0.30	1,900	1,841	1,365	701	679	504
<b>Number of bedrooms</b>							
0	Q	Q	Q	Q	Q	Q	Q
1	0.40	686	545	427	383	304	238
2	2.36	1,002	929	717	510	473	365
3	3.49	1,324	1,266	1,001	504	482	381
4	0.51	1,794	1,696	1,513	540	511	456
5 or more	0.07	1,714	1,330	1,007	338	262	Q
<b>Adequacy of insulation</b>							
Well insulated	1.39	1,330	1,262	1,040	575	545	449
Adequately insulated	3.28	1,249	1,196	942	514	492	387
Poorly insulated	1.87	1,109	1,013	803	443	404	320
No insulation	0.29	941	745	559	391	309	232

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	Total mobile homes <sup>a</sup>	Total <sup>b</sup>	Heated <sup>c</sup>	Cooled <sup>c</sup>	Total <sup>b</sup>	Heated	Cooled
<b>All homes</b>	6.83	1,214	1,140	907	500	470	374
<b>Type of glass in windows</b>							
Single-pane glass	3.46	1,100	1,018	837	457	423	347
Double-pane glass	3.29	1,328	1,269	978	537	513	395
Triple-pane glass	Q	Q	Q	Q	Q	Q	Q
<b>Number of household members</b>							
1 member	2.15	1,123	1,063	797	1,123	1,063	797
2 members	2.31	1,250	1,198	941	625	599	470
3 members	1.00	1,239	1,199	952	413	400	317
4 members	0.72	1,257	1,102	950	314	276	237
5 members	0.30	1,383	1,240	1,171	277	248	234
6 or more members	0.35	1,230	1,047	923	179	152	134
<b>2020 annual household income</b>							
Less than \$5,000	0.56	1,057	997	744	420	396	296
\$5,000 to \$9,999	0.62	1,099	994	719	497	449	325
\$10,000 to \$19,999	1.32	1,130	1,074	823	583	554	425
\$20,000 to \$39,999	2.25	1,170	1,078	879	475	438	357
\$40,000 to \$59,999	1.19	1,310	1,253	1,010	512	490	395
\$60,000 to \$99,999	0.61	1,445	1,351	1,109	512	479	393
\$100,000 to \$149,999	0.23	1,647	1,647	1,414	484	484	416
\$150,000 or more	0.06	1,488	1,426	1,275	485	465	416
<b>Ownership of housing unit<sup>h</sup></b>							
Owned	5.38	1,250	1,184	944	537	509	405
Rented	1.45	1,080	977	773	387	350	277

Data source: U.S. Energy Information Administration, Office of Energy Demand and Integrated Statistics, Form EIA-457A of the 2020 Residential Energy Consumption Survey

Notes: 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 mobile homes includes all primary occupied mobile homes 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. Previous RECS cycles calculated square footage based on interviewer measurements. 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. See 2020 RECS Square Footage Methodology for full details about data collection and processing.

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

<sup>d</sup> Housing units are classified using criteria created by the U.S. Census Bureau based on 2010 Census data. Urbanized areas are densely settled groupings of blocks or tracts with 50,000 or more people, while urban clusters have at least 2,500 but less than 50,000 people. All other areas are rural.

<sup>e</sup> The Building America program, sponsored by the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy (EERE), created these climate regions. We combined climate regions for this publication. The Subarctic region is included with data for Very-cold/Cold.

<sup>f</sup> Households that use propane only for outdoor grilling are excluded from the RECS estimate of households using propane.

<sup>g</sup> Some other fuel includes coal and district steam.

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

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

N = No households in reporting sample.



**Relative standard errors (RSEs) for Table HC10.16 Average square footage of mobile homes, 2020**

	RSEs for number of housing units		RSEs for average square footage per housing unit		RSEs for average square footage per household member		
	Total mobile homes <sup>a</sup>	Total <sup>b</sup>	Heated <sup>c</sup>	Cooled <sup>c</sup>	Total <sup>b</sup>	Heated	Cooled
<b>All homes</b>	0.00	1.27	1.61	2.47	2.95	3.28	3.78
<b>Main space heating fuel</b>							
Natural gas	6.37	2.61	2.61	4.44	5.53	5.53	6.11
Electricity	2.69	1.82	2.21	2.99	3.79	4.14	4.86
Fuel oil or kerosene	16.20	4.33	4.33	18.08	22.01	22.01	24.16
Propane	10.84	3.88	3.88	7.65	6.62	6.62	8.44
Wood	17.05	7.45	7.45	26.62	9.52	9.52	27.03
Some other fuel <sup>b</sup>	100.58	0.00	0.00	0.00	0.00	0.00	0.00
Does not use heating equipment	21.74	10.16	0.00	12.85	23.63	0.00	24.96
<b>Air-conditioning equipment</b>							
Uses air-conditioning equipment	1.18	1.34	1.68	2.07	3.29	3.72	3.75
Does not use air-conditioning equipment	9.41	3.89	5.89	0.00	10.07	11.56	0.00
<b>Fuel used by main water heater</b>							
Natural gas	7.06	3.48	4.43	6.48	6.75	7.55	8.25
Electricity	1.86	1.67	1.98	3.06	3.34	3.64	4.39
Propane	16.18	7.16	7.37	12.21	8.76	9.67	13.16
Fuel oil or kerosene	77.89	25.29	320.42	76.18	74.67	871.73	43.65
Some other fuel <sup>b</sup>	100.93	0.00	0.00	0.00	0.00	0.00	0.00
<b>Indoor light bulbs used at least 4 hours a day</b>							
0 to 2	3.84	1.90	2.50	3.34	4.64	5.04	5.45
3 to 5	5.63	2.53	2.90	4.81	4.02	4.58	5.50
6 to 9	7.64	3.57	4.69	6.76	7.18	7.76	8.75
10 to 19	10.55	3.50	3.64	7.26	8.78	8.87	10.26
20 or more	24.64	11.41	11.38	16.67	22.31	24.06	27.28
<b>Total number of rooms (excluding bathrooms)</b>							
1 or 2	30.16	12.67	25.46	12.51	47.44	67.13	39.52
3	21.23	15.14	15.10	24.39	19.32	18.86	26.73
4	6.69	3.11	4.20	5.99	7.12	8.19	7.78
5	5.89	1.96	2.92	3.85	4.80	5.37	6.09
6	5.87	1.75	2.86	4.43	4.16	4.96	6.06
7	8.07	2.58	3.78	6.72	6.73	8.41	8.42
8	11.74	2.82	3.09	5.26	7.46	7.52	7.66
9 or more	18.49	3.14	3.49	9.55	9.46	10.84	12.01
<b>Number of bedrooms</b>							
0	100.51	0.00	0.00	0.00	0.00	0.00	0.00
1	13.41	9.97	10.06	13.19	19.60	20.66	17.68
2	3.92	1.83	2.90	3.70	4.59	5.46	5.53
3	3.23	1.51	1.86	2.80	3.62	3.72	4.67
4	13.20	4.24	5.88	7.93	11.08	12.33	11.78
5 or more	33.16	13.93	30.31	39.27	26.91	44.89	50.27
<b>Adequacy of insulation</b>							
Well insulated	6.90	2.72	3.41	5.43	6.10	6.63	7.38
Adequately insulated	3.56	2.08	2.51	3.15	4.39	4.78	5.01
Poorly insulated	5.88	2.66	3.09	5.12	4.05	4.38	5.24
No insulation	18.46	8.09	12.45	16.87	13.47	17.63	23.47

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	Total mobile homes <sup>a</sup>	Total <sup>b</sup>	Heated <sup>c</sup>	Cooled <sup>c</sup>	Total <sup>b</sup>	Heated	Cooled
<b>All homes</b>	0.00	1.27	1.61	2.47	2.95	3.28	3.78
<b>Type of glass in windows</b>							
Single-pane glass	3.64	2.12	2.65	3.83	3.61	4.34	4.72
Double-pane glass	3.84	1.94	2.11	3.36	3.63	4.03	4.88
Triple-pane glass	33.40	12.37	25.43	22.54	20.04	26.18	24.44
<b>Number of household members</b>							
1 member	6.37	2.56	3.13	4.69	2.56	3.13	4.69
2 members	5.50	2.06	2.33	4.69	2.06	2.33	4.69
3 members	8.12	3.91	4.53	6.83	3.91	4.53	6.83
4 members	11.10	3.77	5.98	7.74	3.77	5.98	7.74
5 members	15.65	4.68	10.16	9.11	4.68	10.16	9.11
6 or more members	15.85	6.16	10.02	10.81	7.91	11.91	11.59
<b>2020 annual household income</b>							
Less than \$5,000	12.46	5.65	6.71	9.39	10.40	11.46	12.16
\$5,000 to \$9,999	12.50	5.95	6.78	13.02	9.74	10.29	14.89
\$10,000 to \$19,999	7.25	3.23	3.63	5.48	8.16	8.77	9.26
\$20,000 to \$39,999	5.51	2.10	2.64	3.85	4.28	4.60	5.38
\$40,000 to \$59,999	8.45	3.34	4.10	5.81	7.02	7.81	7.21
\$60,000 to \$99,999	11.09	3.22	4.11	7.43	5.35	6.01	9.14
\$100,000 to \$149,999	19.07	5.77	5.77	10.29	9.59	9.59	12.44
\$150,000 or more	38.38	11.32	13.10	18.46	12.46	12.98	15.83
<b>Ownership of housing unit<sup>h</sup></b>							
Owned	2.05	1.34	1.65	2.55	3.57	3.86	4.39
Rented	7.62	3.27	3.80	4.85	5.70	6.22	6.68

Data source: U.S. Energy Information Administration, Office of Energy Demand and Integrated Statistics, Form EIA-457A of the 2020 Residential Energy Consumption Survey

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