

Data release date: June 2023

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Table CE7.1 Wood types used in United States homes, 2020

	Number of housing units (million)			
	Total U.S. ^a	Use wood	Wood types used	
			Wood logs ^b	Wood pellets
All homes	123.5	11.1	10.0	1.0
Census region and division				
Northeast	21.9	2.3	1.9	0.4
New England	5.9	1.0	0.8	0.2
Middle Atlantic	16.0	1.3	1.1	0.2
Midwest	27.0	2.2	2.0	0.2
East North Central	18.5	1.5	1.4	0.1
West North Central	8.5	0.7	0.6	Q
South	46.8	3.8	3.6	0.2
South Atlantic	24.8	1.8	1.7	0.1
East South Central	7.4	0.6	0.6	Q
West South Central	14.6	1.4	1.4	Q
West	27.7	2.8	2.5	0.3
Mountain	9.2	1.0	0.8	0.2
Mountain North	4.6	0.5	0.4	0.1
Mountain South	4.6	0.5	0.4	0.1
Pacific	18.5	1.8	1.7	0.1
Census urban/rural classification^c				
Urban	100.4	6.0	5.5	0.5
Urbanized area	89.2	5.0	4.6	0.4
Urban cluster	11.2	1.0	0.9	0.1
Rural	23.1	5.1	4.5	0.5
Climate region^d				
Very cold and Cold	42.5	4.7	4.1	0.6
Mixed-humid	36.8	3.0	2.8	0.2
Mixed-dry and Hot-dry	15.1	1.1	1.1	0.1
Hot-humid	22.3	1.4	1.4	Q
Marine	6.9	0.8	0.7	0.1
Housing unit type				
Single-family detached	77.1	9.6	8.8	0.8
Single-family attached	7.5	0.2	0.2	Q
Apartments in buildings with 2-4 units	9.3	0.1	0.1	Q
Apartments in buildings with 5 or more units	22.8	0.4	0.4	Q

Table CE7.1 Wood types used in United States homes, 2020

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	Total U.S. ^a	Wood types used		
		Use wood	Wood logs ^b	Wood pellets
All homes	123.5	11.1	10.0	1.0
Mobile homes	6.8	0.6	0.5	0.1
Ownership of housing unit				
Owned	82.9	9.7	8.7	1.0
Single-family	73.2	9.0	8.2	0.8
Apartments	4.3	0.1	Q	Q
Mobile homes	5.4	0.6	0.4	0.1
Rented ^e	40.6	1.4	1.3	0.1
Single-family	11.3	0.8	0.8	0.1
Apartments	27.9	0.5	0.5	Q
Mobile homes	1.5	0.1	0.1	N
Year of construction				
Before 1950	20.3	1.8	1.6	0.2
1950 to 1959	12.5	0.8	0.7	0.1
1960 to 1969	12.8	1.1	1.0	0.1
1970 to 1979	18.3	2.0	1.9	0.2
1980 to 1989	16.3	1.9	1.8	0.2
1990 to 1999	17.2	1.7	1.5	0.2
2000 to 2009	16.2	1.2	1.1	0.1
2010 to 2015	5.5	0.2	0.2	*
2016 to 2020	4.6	0.2	0.2	Q
Total square footage^f				
Less than 1,000	30.0	1.0	0.9	0.1
1,000 to 1,499	28.1	1.8	1.6	0.2
1,500 to 1,999	22.2	2.5	2.2	0.3
2,000 to 2,499	15.6	1.9	1.8	0.2
2,500 to 2,999	10.3	1.3	1.1	0.1
3,000 or more	17.3	2.6	2.4	0.2
Number of household members				
1 member	33.6	2.0	1.8	0.2
2 members	45.3	4.8	4.3	0.5
3 members	18.3	1.7	1.6	0.2
4 members	15.6	1.5	1.3	0.2
5 members	6.4	0.5	0.4	Q
6 or more members	4.4	0.6	0.5	Q

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	Total U.S. ^a	Wood types used		
		Use wood	Wood logs ^b	Wood pellets
All homes	123.5	11.1	10.0	1.0
2020 annual household income				
Less than \$5,000	4.5	0.3	0.2	Q
\$5,000 to \$9,999	4.0	0.2	0.2	Q
\$10,000 to \$19,999	10.2	0.7	0.6	0.1
\$20,000 to \$39,999	24.1	1.8	1.6	0.2
\$40,000 to \$59,999	19.6	1.7	1.5	0.2
\$60,000 to \$99,999	27.7	2.9	2.6	0.3
\$100,000 to \$149,999	16.5	1.9	1.8	0.1
\$150,000 or more	16.9	1.7	1.5	0.2
Payment method for energy bills				
All paid by household	112.7	10.9	9.9	1.0
Some paid by household, some included in rent or condo fee	6.3	0.1	0.1	Q
All included in rent or condo fee	4.3	Q	Q	Q
Some other method	0.2	Q	Q	N

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All homes	123.5	11.1	10.0	1.0

Data source: U.S. Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Forms EIA-457A, D, E, F, G of the *2020 Residential Energy Consumption Survey*

Notes: Because of rounding, data may not sum to totals. See RECS Terminology for definition of terms used in these tables.

^a *Total U.S.* includes all 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 *Wood logs* include scrap and other wood.

^d 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. Urban clusters have at least 2,500 but less than 50,000 people. All other areas are rural.

^e 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 and Cold*.

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

^g *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.

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

N = No households in reporting sample.

* = Estimate is less than 0.05 and rounds to zero.

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Relative standard errors (RSEs) for Table CE7.1 Wood types used in United States homes, 2020

RSEs for number of housing units

	Total U.S. ^a	Wood types used		
		Use wood	Wood logs ^b	Wood pellets
All homes	0.0	2.4	2.6	7.5
Census region and division				
Northeast	0.0	3.9	4.6	10.1
New England	0.0	5.9	5.7	12.3
Middle Atlantic	0.0	5.8	6.3	19.4
Midwest	0.0	6.1	6.5	21.2
East North Central	0.0	8.0	8.7	25.4
West North Central	0.0	10.2	10.7	37.3
South	0.0	3.9	4.0	25.4
South Atlantic	0.0	5.3	5.5	32.2
East South Central	0.0	10.7	10.8	74.5
West South Central	0.0	6.7	6.7	46.8
West	0.0	4.8	5.0	15.9
Mountain	0.0	6.7	7.1	19.8
Mountain North	0.0	7.8	8.9	23.9
Mountain South	0.0	9.9	11.0	26.0
Pacific	0.0	6.5	6.8	20.5
Census urban/rural classification^c				
Urban	0.3	3.6	3.8	10.8
Urbanized area	0.4	3.9	4.2	12.0
Urban cluster	2.7	8.0	8.5	20.8
Rural	1.2	3.4	3.8	10.3
Climate region^d				
Very cold and Cold	0.5	3.6	4.0	8.8
Mixed-humid	0.8	3.7	4.2	20.2
Mixed-dry and Hot-dry	1.2	8.6	9.2	32.2
Hot-humid	0.7	8.5	8.6	58.4
Marine	2.4	9.0	9.3	25.5
Housing unit type				
Single-family detached	0.0	2.6	2.8	8.1
Single-family attached	0.0	14.4	15.2	37.6
Apartments in buildings with 2-4 units	0.0	23.7	25.6	70.7

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RSEs for number of housing units

	Total U.S. ^a	Wood types used		
		Use wood	Wood logs ^b	Wood pellets
All homes	0.0	2.4	2.6	7.5
Apartments in buildings with 5 or more units	0.0	15.2	16.3	82.3
Mobile homes	0.0	9.7	12.3	22.2
Ownership of housing unit				
Owned	0.4	2.3	2.6	7.7
Single-family	0.4	2.5	2.7	7.6
Apartments	4.1	37.0	38.7	15.0
Mobile homes	2.1	10.1	12.9	22.2
Rented ^e	0.9	9.9	10.5	29.4
Single-family	2.4	11.5	12.1	34.5
Apartments	0.6	15.3	16.2	63.6
Mobile homes	7.6	34.6	34.6	0.0
Year of construction				
Before 1950	0.0	7.2	8.0	17.5
1950 to 1959	0.0	8.7	9.1	30.8
1960 to 1969	0.0	8.3	8.4	24.0
1970 to 1979	0.0	4.6	4.9	19.6
1980 to 1989	0.0	6.1	6.3	19.1
1990 to 1999	0.0	6.6	7.3	20.5
2000 to 2009	0.0	7.9	7.8	20.8
2010 to 2015	2.8	15.3	16.2	31.9
2016 to 2020	3.44	17.63	17.72	20.91
Total square footage^f				
Less than 1,000	1.2	9.5	10.4	30.6
1,000 to 1,499	1.5	6.1	6.6	24.8
1,500 to 1,999	1.6	5.9	6.1	13.7
2,000 to 2,499	2.3	6.0	6.4	18.0
2,500 to 2,999	2.6	6.9	7.5	23.5
3,000 or more	1.9	4.7	5.0	12.9
Number of household members				
1 member	1.3	5.3	5.7	20.2
2 members	1.2	4.0	4.3	11.0
3 members	1.9	6.5	7.3	17.4
4 members	2.1	6.7	7.0	19.8

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RSEs for number of housing units

	Total U.S. ^a	Wood types used		
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All homes	0.0	2.4	2.6	7.5
5 members	4.1	11.7	12.3	41.2
6 or more members	4.6	12.4	12.7	46.5
2020 annual household income				
Less than \$5,000	4.6	16.3	17.5	50.3
\$5,000 to \$9,999	5.5	25.0	27.3	60.3
\$10,000 to \$19,999	3.2	11.2	12.0	32.7
\$20,000 to \$39,999	2.0	6.3	7.2	17.8
\$40,000 to \$59,999	1.8	6.6	6.6	19.6
\$60,000 to \$99,999	1.6	5.2	5.3	16.5
\$100,000 to \$149,999	1.8	5.8	6.0	20.7
\$150,000 or more	1.9	5.7	6.3	16.2
Payment method for energy bills				
All paid by household	0.3	2.3	2.6	7.7
Some paid by household, some included in rent or condo fee	3.9	27.5	34.3	70.6
All included in rent or condo fee	4.8	38.3	46.7	17.3
Some other method	25.0	72.2	72.2	0.0

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RSEs for number of housing units

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All homes	0.0	2.4	2.6	7.5

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