

Data release date: June 2023

Revised data release date: March 2024

Table CE4.10 Annual household site end-use consumption by fuel in the West—averages, 2020

	Number of housing units (million)	Average site energy consumption ^a (million Btu per household using the fuel and end use)																			
		Electricity							Natural gas				Propane			Fuel oil or kerosene					
		Total West ^b	Total	Total	Space heating ^c	Water heating	Air conditioning	Refrigerators	Other ^d	Total	Space heating ^c	Water heating	Other ^d	Total	Space heating ^c	Water heating	Other ^d	Total	Space heating ^c	Water heating	Other ^d
All homes	27.72	64.6	29.4	6.3	8.8	7.0	2.9	15.5	44.6	29.7	19.3	5.6	32.3	30.1	16.6	7.4	60.3	57.2	23.0	Q	
Census division																					
Mountain	9.22	78.9	35.8	6.1	8.7	10.0	3.0	18.3	56.6	40.7	18.8	6.8	42.9	42.0	17.1	5.5	Q	Q	Q	Q	Q
Mountain North	4.62	89.5	30.5	8.0	9.8	4.8	2.9	17.7	69.4	51.8	20.3	6.1	56.4	54.5	17.4	Q	Q	Q	Q	Q	Q
Mountain South	4.60	68.3	41.2	4.6	8.0	14.6	3.1	18.9	40.1	24.7	16.7	7.4	30.7	25.6	17.0	5.8	Q	Q	Q	Q	N
Pacific	18.51	57.4	26.2	6.4	8.8	5.2	2.8	14.2	39.0	23.6	19.6	5.2	26.4	21.8	16.2	8.3	68.7	66.2	24.7	Q	Q
Census urban/rural classification^e																					
Urban	25.24	62.8	28.1	5.3	8.2	7.1	2.8	15.1	43.7	29.0	19.2	5.5	22.1	21.4	16.1	5.0	54.6	48.8	24.7	Q	Q
Urbanized area	22.74	62.3	27.9	4.9	8.0	7.1	2.8	15.1	43.0	28.0	19.2	5.6	19.2	18.3	16.8	4.5	51.0	44.2	25.5	Q	Q
Urban cluster	2.50	66.7	30.1	9.1	9.4	6.5	2.7	15.1	51.6	38.3	19.8	3.9	28.2	26.4	15.0	5.8	61.1	55.2	Q	Q	Q
Rural	2.48	82.9	41.8	15.1	12.9	6.4	3.4	20.4	62.0	42.9	20.7	8.3	40.8	35.9	16.9	9.3	67.6	68.3	20.8	N	N
Climate region^f																					
Very cold and Cold	6.35	86.3	31.4	9.7	10.1	4.4	2.9	17.5	69.0	52.0	20.4	5.1	41.1	38.8	17.7	4.9	77.0	74.0	21.4	Q	Q
Mixed-humid	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Mixed-dry and Hot-dry	14.03	58.0	28.8	2.8	6.7	9.2	3.0	15.2	34.3	18.1	17.8	6.1	29.8	24.9	16.7	7.9	Q	Q	Q	Q	N
Hot-humid	0.47	30.3	27.2	1.4	7.4	9.7	3.1	13.5	12.8	Q	14.9	2.8	9.4	Q	11.9	3.9	N	N	N	N	N
Marine	6.87	60.2	28.7	9.2	10.5	3.1	2.6	14.6	46.2	30.2	22.3	4.5	25.0	18.7	15.1	10.8	Q	Q	Q	Q	N
Housing unit type																					
Single-family detached	16.97	81.5	35.1	7.9	10.5	8.6	3.4	19.3	54.2	34.6	20.7	6.3	37.6	31.3	16.9	8.9	69.7	63.6	24.3	Q	Q
Single-family attached	1.69	51.0	22.1	4.4	6.4	5.2	2.4	12.0	35.1	21.5	18.6	3.5	Q	Q	Q	Q	127.5	Q	Q	Q	Q
Apartments in buildings with 2–4 units	1.89	36.2	19.3	4.5	8.1	4.4	2.0	8.9	24.2	11.2	15.2	6.7	Q	Q	Q	Q	Q	Q	Q	Q	N
Apartments in buildings with 5 or more units	5.70	29.2	17.4	3.1	6.5	3.3	1.8	8.2	19.6	9.3	16.1	3.2	7.8	Q	Q	Q	Q	Q	Q	Q	N
Mobile homes	1.47	58.1	31.2	10.4	10.2	6.7	2.6	13.6	36.2	25.7	16.4	2.8	30.5	34.2	16.0	4.9	Q	Q	Q	Q	N
Ownership of housing unit																					
Owned	17.40	78.3	33.9	8.0	10.0	8.1	3.3	18.5	52.7	33.9	20.0	6.1	36.0	31.0	16.5	8.4	75.2	69.2	24.6	Q	Q
Single-family	15.57	81.7	34.8	7.8	10.1	8.3	3.4	19.2	54.5	34.7	20.4	6.3	37.4	30.9	16.7	9.4	76.5	70.3	24.6	Q	Q
Apartments	0.59	29.7	16.6	5.1	7.7	3.0	2.0	7.6	19.5	10.6	14.3	1.9	Q	Q	Q	Q	N	N	N	N	N
Mobile homes	1.24	58.8	31.7	10.8	10.5	6.6	2.6	13.6	37.4	24.8	16.4	2.9	31.2	33.9	16.0	5.0	Q	Q	Q	Q	N
Rented ^g	10.33	41.4	21.7	4.2	7.5	5.0	2.1	10.7	28.6	17.7	17.7	4.6	18.1	24.5	16.8	2.6	36.4	28.9	22.2	N	N
Single-family	3.09	64.0	29.7	6.4	9.8	7.9	2.6	15.5	41.9	26.3	20.7	4.8	37.9	34.5	18.9	Q	55.0	46.5	Q	Q	N
Apartments	7.00	31.0	17.9	3.3	6.8	3.6	1.8	8.4	21.0	9.9	16.0	4.6	6.8	Q	Q	Q	29.0	Q	Q	Q	N
Mobile homes	0.24	54.1	28.9	7.8	9.1	7.1	2.6	13.1	31.0	31.0	16.6	2.3	Q	Q	Q	Q	Q	N	Q	Q	N
Year of construction																					
Before 1950	3.27	62.3	24.1	6.5	7.9	4.7	2.6	13.0	45.8	34.1	19.0	4.5	28.7	37.7	Q	Q	48.2	43.3	Q	Q	Q
1950 to 1959	2.73	64.7	26.2	5.6	10.1	6.8	2.9	13.9	42.0	28.5	18.1	4.8	Q	Q	Q	Q	Q	Q	Q	Q	N
1960 to 1969	2.95	57.7	25.8	5.3	9.4	5.6	2.8	13.7	40.3	26.8	18.0	4.5	22.3	22.0	Q	3.6	Q	Q	Q	Q	N
1970 to 1979	4.71	60.2	29.3	8.2	8.5	6.7	2.7	14.5	43.4	30.0	19.0	4.9	36.1	40.1	15.0	4.7	107.2	99.9	Q	Q	N
1980 to 1989	3.95	60.9	29.6	6.2	8.2	7.4	2.8	15.4	39.6	26.4	17.9	5.5	37.4	28.3	17.0	Q	104.6	91.4	23.8	Q	Q

Table CE4.10 Annual household site end-use consumption by fuel in the West—averages, 2020

	Number of housing units (million)		Average site energy consumption ^a (million Btu per household using the fuel and end use)																	
			Electricity					Natural gas					Propane				Fuel oil or kerosene			
	Total West ^b	Total	Total	Space heating ^c	Water heating	Air conditioning	Refrigerators	Other ^d	Total	Space heating ^c	Water heating	Other ^d	Total	Space heating ^c	Water heating	Other ^d	Total	Space heating ^c	Water heating	Other ^d
All homes	27.72	64.6	29.4	6.3	8.8	7.0	2.9	15.5	44.6	29.7	19.3	5.6	32.3	30.1	16.6	7.4	60.3	57.2	23.0	Q
1990 to 1999	4.05	72.4	32.9	6.2	9.2	7.9	3.2	17.9	51.6	32.9	20.9	6.9	37.8	35.7	16.4	4.4	48.2	Q	Q	N
2000 to 2009	3.89	74.5	34.5	5.5	9.2	9.1	3.2	18.8	49.3	29.7	21.8	7.2	26.8	16.4	18.3	Q	55.1	63.8	28.8	N
2010 to 2015	1.16	64.3	31.3	5.3	10.1	6.6	2.8	17.1	43.8	27.6	19.7	7.3	14.7	Q	Q	Q	Q	Q	Q	N
2016 to 2020	1.02	57.0	28.6	4.8	7.5	5.6	2.6	15.2	40.9	26.8	17.8	6.1	17.4	Q	Q	Q	N	N	N	N
Total square footage^h																				
Less than 1,000	7.89	34.7	18.3	3.8	6.4	3.9	2.0	8.7	24.2	13.8	16.0	4.6	13.4	13.0	15.0	3.2	36.5	26.6	19.9	Q
1,000 to 1,499	6.53	54.7	27.1	6.2	9.4	6.1	2.6	13.8	35.9	22.2	18.1	3.5	25.8	26.3	18.0	5.5	60.1	55.5	Q	N
1,500 to 1,999	5.30	71.5	32.4	7.4	9.8	8.2	3.2	17.5	47.2	30.1	20.2	4.1	31.0	22.9	16.1	Q	59.0	60.0	25.8	Q
2,000 to 2,499	3.34	82.9	36.5	9.0	11.4	8.0	3.3	20.0	54.7	34.9	20.0	6.3	37.2	34.4	15.9	4.7	68.8	65.2	Q	N
2,500 to 2,999	1.92	95.7	39.7	9.5	12.2	9.8	3.8	22.2	61.8	40.1	21.3	7.2	45.0	34.8	17.5	Q	Q	Q	Q	N
3,000 or more	2.74	116.7	44.8	9.0	12.1	11.0	4.2	25.5	79.9	51.3	24.5	12.2	54.1	43.4	18.0	13.2	Q	Q	Q	N
Number of household members																				
1 member	7.23	43.5	19.2	5.3	4.6	4.8	2.2	9.3	33.1	26.0	13.3	4.0	26.9	26.1	12.0	7.3	69.2	58.3	18.1	Q
2 members	9.31	67.7	30.3	6.9	8.5	7.2	2.9	16.1	46.7	32.2	18.0	5.6	32.1	26.6	15.6	8.5	58.4	63.4	17.3	N
3 members	4.12	68.9	31.8	6.5	10.7	7.0	3.0	17.3	46.8	28.7	20.8	6.4	34.9	36.7	19.5	6.2	50.6	45.0	Q	Q
4 members	4.08	76.7	35.2	6.5	13.3	8.0	3.3	18.9	49.8	30.2	24.1	5.8	37.4	38.9	20.1	9.0	68.5	Q	Q	N
5 members	1.71	80.8	39.2	5.7	16.6	9.4	3.5	21.6	49.6	29.6	25.0	5.1	32.4	33.4	23.4	2.2	Q	Q	N	N
6 or more members	1.28	86.3	40.5	7.5	15.5	10.1	3.4	22.4	56.1	30.5	27.7	10.1	52.5	Q	Q	3.9	Q	Q	Q	N
2020 annual household income																				
Less than \$5,000	0.90	43.0	23.6	5.5	8.4	5.8	2.1	10.4	29.5	18.9	18.5	5.5	Q	Q	Q	Q	Q	Q	Q	N
\$5,000 to \$9,999	0.72	38.1	20.8	5.9	7.5	4.2	2.3	9.8	25.0	18.4	15.6	3.2	12.4	Q	Q	Q	Q	Q	Q	N
\$10,000 to \$19,999	2.03	46.5	21.5	4.8	6.9	5.1	2.3	10.6	33.5	25.4	17.2	4.0	25.6	26.7	15.0	Q	Q	Q	N	N
\$20,000 to \$39,999	5.26	54.4	25.7	6.4	8.4	6.3	2.6	12.6	38.2	25.3	17.5	4.3	22.7	23.1	15.5	2.8	48.7	43.6	21.2	N
\$40,000 to \$59,999	4.32	58.9	27.9	6.7	9.0	6.7	2.7	14.0	40.9	28.1	18.0	3.9	30.6	31.3	16.3	4.3	43.2	Q	Q	Q
\$60,000 to \$99,999	6.30	65.4	30.5	6.7	8.7	7.0	3.0	16.1	45.3	30.4	19.6	4.7	37.5	33.4	17.6	5.2	90.6	85.3	17.0	Q
\$100,000 to \$149,999	4.06	75.8	33.1	6.7	10.2	7.5	3.2	18.6	49.0	32.0	20.1	5.4	39.9	40.4	18.7	8.8	Q	104.3	21.1	N
\$150,000 or more	4.13	89.2	36.8	5.8	9.8	9.0	3.4	21.5	59.0	35.8	22.7	9.8	43.9	27.6	16.6	23.0	82.7	71.9	Q	N
Payment method for energy bills																				
All paid by household	25.56	66.9	30.2	6.5	9.0	7.2	2.9	16.1	46.4	30.3	19.5	5.7	34.7	30.6	16.7	7.8	71.6	65.2	24.5	Q
Some paid by household, some included in rent or condo fee	1.27	38.5	18.0	2.7	6.5	3.8	2.1	9.6	22.2	19.5	16.0	3.9	13.4	Q	14.4	Q	32.1	Q	Q	Q
All included in rent or condo fee	0.89	34.9	20.9	5.4	6.9	5.1	1.9	8.8	24.0	16.1	16.6	4.0	Q	N	Q	Q	Q	Q	Q	N
Some other method	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	N	Q	N	Q	Q	Q	N
Main heating fuel																				
Natural gas	16.13	79.4	27.6	2.2	8.1	7.2	3.1	17.3	51.8	30.2	19.5	5.9	Q	Q	Q	Q	Q	Q	Q	Q
Electricity	7.62	42.0	35.0	8.6	8.5	7.0	2.5	12.6	18.9	7.3	19.2	5.5	12.9	9.3	14.8	5.6	Q	Q	N	N
Fuel oil or kerosene	0.11	105.5	27.5	4.2	13.0	Q	2.3	16.0	Q	Q	Q	Q	4.9	N	Q	2.2	72.9	63.2	23.9	Q
Propane	0.72	87.4	33.9	3.6	13.2	5.4	3.5	20.7	Q	N	Q	Q	53.0	37.9	16.3	7.0	N	N	N	N
Wood	0.67	51.0	36.3	6.9	14.0	4.2	2.9	18.0	24.4	Q	Q	2.5	26.7	11.0	18.8	Q	Q	Q	Q	N
Some other fuel ⁱ	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Does not use heating equipment	2.47	32.2	20.5	N	7.7	7.1	2.5	11.0	16.7	N	16.7	3.2	13.6	N	16.6	3.3	Q	N	Q	Q

Table CE4.10 Annual household site end-use consumption by fuel in the West—averages, 2020

	Number of housing units (million)	Average site energy consumption ^a (million Btu per household using the fuel and end use)																		
		Electricity							Natural gas				Propane			Fuel oil or kerosene				
		Total West ^b	Total	Space heating ^c	Water heating	Air conditioning	Refrigerators	Other ^d	Total	Space heating ^c	Water heating	Other ^d	Total	Space heating ^c	Water heating	Other ^d	Total	Space heating ^c	Water heating	Other ^d
All homes	27.72	64.6	29.4	6.3	8.8	7.0	2.9	15.5	44.6	29.7	19.3	5.6	32.3	30.1	16.6	7.4	60.3	57.2	23.0	Q

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.

Btu = British thermal units

^a Consumption and expenditures for biomass (wood), coal, district steam, and solar thermal are excluded. Electricity consumption from on-site solar photovoltaic generation (that is, solar panels) is included.

^b 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.

^c Includes main (primary) and secondary space heating.

^d Includes end uses not shown in this table. A more detailed breakout of end uses is shown in the CES tables.

^e 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.

^f 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.

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

^h 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.

ⁱ Some other fuel includes coal and district steam.

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.

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	Number of housing units (million) Average site energy consumption ^a																			
	Electricity (kWh per household using the end use)							Natural gas (ccf per household using the end use)				Propane (gallons per household using the end use)				Fuel oil or kerosene (gallons per household using the end use)				
	Total West ^b	Total	Space heating ^c	Water heating	Air conditioning	Refrigerators	Other ^d	Total	Space heating ^c	Water heating	Other ^d	Total	Space heating ^c	Water heating	Other ^d	Total	Space heating ^c	Water heating	Other ^d	
All homes	27.72	8,608	1,840	2,575	2,059	840	4,557	462	312	197	57	354	330	181	81	439	417	168	Q	
Census division																				
Mountain	9.22	10,500	1,795	2,550	2,918	878	5,367	633	458	208	74	469	459	187	60	Q	Q	Q	Q	
Mountain North	4.62	8,942	2,339	2,881	1,396	857	5,192	781	584	228	68	617	596	190	Q	Q	Q	Q	Q	
Mountain South	4.60	12,064	1,356	2,340	4,276	899	5,542	442	278	181	78	335	280	186	63	Q	Q	Q	N	
Pacific	18.51	7,665	1,864	2,588	1,514	821	4,153	382	231	192	51	289	238	177	91	500	482	180	Q	
Census urban/rural classification^e																				
Urban	25.24	8,249	1,548	2,405	2,076	826	4,417	452	303	196	55	242	234	176	54	398	355	180	Q	
Urbanized area	22.74	8,187	1,423	2,354	2,093	829	4,417	442	292	195	56	209	201	183	49	371	322	185	Q	
Urban cluster	2.50	8,810	2,676	2,748	1,903	801	4,415	557	418	210	42	308	289	164	64	444	402	Q	Q	
Rural	2.48	12,258	4,436	3,789	1,869	985	5,978	670	469	220	88	446	392	184	101	492	497	152	N	
Climate region^f																				
Very cold and Cold	6.35	9,206	2,857	2,969	1,304	849	5,135	770	581	228	57	449	424	193	54	560	539	156	Q	
Mixed-humid	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	
Mixed-dry and Hot-dry	14.03	8,455	811	1,965	2,690	867	4,445	347	185	178	62	326	272	182	87	Q	Q	Q	N	
Hot-humid	0.47	7,976	423	2,179	2,837	910	3,969	136	Q	158	30	103	Q	130	42	N	N	N	N	
Marine	6.87	8,410	2,696	3,073	902	773	4,289	444	289	215	44	273	205	165	118	Q	Q	Q	N	
Housing unit type																				
Single-family detached	16.97	10,287	2,302	3,079	2,512	989	5,652	562	363	211	64	411	342	185	97	508	463	177	Q	
Single-family attached	1.69	6,465	1,289	1,862	1,518	715	3,504	364	229	189	35	Q	Q	Q	Q	928	Q	Q	Q	
Apartments in buildings with 2–4 units	1.89	5,644	1,309	2,381	1,296	576	2,619	246	118	154	67	Q	Q	Q	Q	Q	Q	Q	N	
Apartments in buildings with 5 or more units	5.70	5,086	920	1,893	960	535	2,401	200	99	163	32	86	Q	Q	Q	Q	Q	Q	N	
Mobile homes	1.47	9,153	3,052	2,999	1,964	768	3,972	385	279	170	29	333	374	175	53	Q	Q	Q	N	
Ownership of housing unit																				
Owned	17.40	9,942	2,337	2,942	2,365	972	5,408	547	356	205	62	394	339	181	92	548	504	179	Q	
Single-family	15.57	10,187	2,276	2,963	2,445	1,002	5,641	566	365	209	64	409	338	183	103	557	512	179	Q	
Apartments	0.59	4,859	1,485	2,253	871	591	2,235	201	114	145	19	Q	Q	Q	Q	N	N	N	N	
Mobile homes	1.24	9,285	3,175	3,070	1,940	770	3,999	397	267	170	30	341	371	175	55	Q	Q	Q	N	
Rented ^g	10.33	6,361	1,222	2,198	1,470	617	3,123	293	186	179	46	198	268	183	28	265	210	161	N	

Table CE4.10 Annual household site end-use consumption by fuel in the West—averages, 2020

	Number of housing units (million) Average site energy consumption ^a																		
	Electricity (kWh per household using the end use)							Natural gas (ccf per household using the end use)				Propane (gallons per household using the end use)				Fuel oil or kerosene (gallons per household using the end use)			
	Total West ^b	Total	Space heating ^c	Water heating	Air conditioning	Refrigerators	Other ^d	Total	Space heating ^c	Water heating	Other ^d	Total	Space heating ^c	Water heating	Other ^d	Total	Space heating ^c	Water heating	Other ^d
All homes	27.72	8,608	1,840	2,575	2,059	840	4,557	462	312	197	57	354	330	181	81	439	417	168	Q
Single-family	3.09	8,703	1,879	2,880	2,329	776	4,537	431	275	209	49	414	377	207	Q	400	338	Q	N
Apartments	7.00	5,255	973	1,988	1,045	542	2,474	214	104	162	45	75	Q	Q	Q	211	Q	Q	N
Mobile homes	0.24	8,457	2,280	2,674	2,092	760	3,828	336	343	174	24	Q	Q	Q	Q	Q	N	Q	N
Year of construction																			
Before 1950	3.27	7,071	1,893	2,315	1,391	761	3,796	463	348	189	45	313	412	Q	Q	351	315	Q	Q
1950 to 1959	2.73	7,691	1,635	2,973	1,981	852	4,076	430	297	182	47	Q	Q	Q	Q	Q	Q	Q	N
1960 to 1969	2.95	7,576	1,564	2,750	1,631	818	4,029	411	278	180	45	244	241	Q	39	Q	Q	Q	N
1970 to 1979	4.71	8,579	2,416	2,499	1,957	783	4,257	451	317	193	50	395	439	164	51	780	727	Q	N
1980 to 1989	3.95	8,667	1,831	2,401	2,157	815	4,522	413	280	183	55	409	310	186	Q	762	665	173	Q
1990 to 1999	4.05	9,650	1,824	2,711	2,325	932	5,250	541	349	217	70	414	391	180	48	351	Q	Q	N
2000 to 2009	3.89	10,104	1,613	2,688	2,665	939	5,501	518	316	226	75	293	179	200	Q	401	464	210	N
2010 to 2015	1.16	9,175	1,544	2,952	1,935	822	5,009	460	293	204	76	161	Q	Q	Q	Q	Q	Q	N
2016 to 2020	1.02	8,386	1,414	2,184	1,652	759	4,462	431	284	187	63	191	Q	Q	Q	N	N	N	N
Total square footage^h																			
Less than 1,000	7.89	5,362	1,122	1,879	1,132	578	2,560	247	145	161	45	147	142	164	35	266	194	145	Q
1,000 to 1,499	6.53	7,952	1,807	2,766	1,796	770	4,046	369	231	184	36	282	288	197	60	438	404	Q	N
1,500 to 1,999	5.30	9,492	2,174	2,866	2,413	940	5,119	488	315	205	42	339	250	176	Q	429	437	188	Q
2,000 to 2,499	3.34	10,705	2,635	3,344	2,349	954	5,859	566	364	204	64	407	377	174	52	501	475	Q	N
2,500 to 2,999	1.92	11,643	2,788	3,585	2,882	1,116	6,501	644	421	219	74	493	381	191	Q	Q	Q	Q	N
3,000 or more	2.74	13,118	2,635	3,550	3,225	1,228	7,485	845	549	256	125	591	475	196	144	Q	Q	Q	N
Number of household members																			
1 member	7.23	5,635	1,556	1,345	1,419	654	2,729	345	275	137	40	295	286	132	80	503	425	132	Q
2 members	9.31	8,875	2,016	2,481	2,108	860	4,721	487	340	185	57	351	291	171	93	425	461	126	N
3 members	4.12	9,327	1,908	3,146	2,050	876	5,073	481	299	211	65	382	401	214	68	369	328	Q	Q
4 members	4.08	10,303	1,908	3,910	2,341	960	5,526	512	315	245	59	408	425	220	98	499	Q	Q	N
5 members	1.71	11,489	1,667	4,854	2,748	1,019	6,340	510	311	253	51	355	366	255	24	Q	Q	N	N
6 or more members	1.28	11,881	2,199	4,548	2,960	997	6,553	580	320	283	103	574	Q	Q	43	Q	Q	Q	N
2020 annual household income																			
Less than \$5,000	0.90	6,909	1,603	2,467	1,715	627	3,058	305	198	190	56	Q	Q	Q	Q	Q	Q	Q	N
\$5,000 to \$9,999	0.72	6,103	1,739	2,200	1,218	673	2,869	258	194	159	32	136	Q	Q	Q	Q	Q	N	N
\$10,000 to \$19,999	2.03	6,295	1,406	2,030	1,494	681	3,104	346	268	174	40	279	292	164	Q	Q	Q	N	N
\$20,000 to \$39,999	5.26	7,525	1,890	2,462	1,860	751	3,702	398	268	179	44	248	252	169	30	354	317	154	N
\$40,000 to \$59,999	4.32	8,185	1,955	2,645	1,954	799	4,098	425	296	185	40	334	343	178	48	315	Q	Q	Q

Table CE4.10 Annual household site end-use consumption by fuel in the West—averages, 2020

	Number of housing units (million) Average site energy consumption ^a																		
	Electricity (kWh per household using the end use)							Natural gas (ccf per household using the end use)				Propane (gallons per household using the end use)				Fuel oil or kerosene (gallons per household using the end use)			
	Total West ^b	Total	Space heating ^c	Water heating	Air conditioning	Refrigerators	Other ^d	Total	Space heating ^c	Water heating	Other ^d	Total	Space heating ^c	Water heating	Other ^d	Total	Space heating ^c	Water heating	Other ^d
All homes	27.72	8,608	1,840	2,575	2,059	840	4,557	462	312	197	57	354	330	181	81	439	417	168	Q
\$60,000 to \$99,999	6.30	8,937	1,966	2,556	2,058	869	4,731	472	321	201	48	410	365	192	56	659	621	123	Q
\$100,000 to \$149,999	4.06	9,711	1,950	2,991	2,202	936	5,464	510	337	205	55	436	441	204	96	Q	759	154	N
\$150,000 or more	4.13	10,786	1,699	2,866	2,652	1,008	6,302	603	370	229	99	480	302	182	251	602	523	Q	N
Payment method for energy bills																			
All paid by household	25.56	8,861	1,912	2,644	2,118	861	4,712	481	318	199	58	379	335	183	86	521	474	178	Q
Some paid by household, some included in rent or condo fee	1.27	5,285	787	1,908	1,125	619	2,824	230	208	163	39	147	Q	158	Q	234	Q	Q	Q
All included in rent or condo fee	0.89	6,111	1,597	2,014	1,497	543	2,579	252	173	173	40	Q	N	Q	Q	Q	Q	Q	N
Some other method	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	N	Q	N	Q	Q	Q	N
Main heating fuel																			
Natural gas	16.13	8,091	643	2,383	2,106	904	5,074	538	317	200	60	Q	Q	Q	Q	Q	Q	Q	Q
Electricity	7.62	10,245	2,531	2,501	2,049	728	3,685	190	73	193	55	141	102	162	61	Q	Q	N	N
Fuel oil or kerosene	0.11	8,060	1,236	3,823	Q	678	4,702	Q	Q	Q	Q	53	N	Q	24	531	460	174	Q
Propane	0.72	9,948	1,062	3,867	1,575	1,016	6,067	Q	N	Q	Q	579	415	178	77	N	N	N	N
Wood	0.67	10,627	2,022	4,108	1,244	843	5,268	250	Q	Q	26	291	120	206	Q	Q	Q	Q	N
Some other fuel ^f	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Does not use heating equipment	2.47	6,015	N	2,247	2,090	724	3,228	165	N	165	32	149	N	181	36	Q	N	Q	Q

Table CE4.10 Annual household site end-use consumption by fuel in the West—averages, 2020

	Number of housing units (million) Average site energy consumption ^a																		
	Electricity (kWh per household using the end use)							Natural gas (ccf per household using the end use)				Propane (gallons per household using the end use)				Fuel oil or kerosene (gallons per household using the end use)			
	Total West ^b	Total	Space heating ^c	Water heating	Air conditioning	Refrigerators	Other ^d	Total	Space heating ^c	Water heating	Other ^d	Total	Space heating ^c	Water heating	Other ^d	Total	Space heating ^c	Water heating	Other ^d
All homes	27.72	8,608	1,840	2,575	2,059	840	4,557	462	312	197	57	354	330	181	81	439	417	168	Q

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.

kWh = kilowatthours

ccf = hundred cubic feet

^a Consumption and expenditures for biomass (wood), coal, district steam, and solar thermal are excluded. Electricity consumption from on-site solar photovoltaic generation (that is, solar panels) is included.

^b 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.

^c Includes main (primary) and secondary space heating.

^d Includes end uses not shown in this table. A more detailed breakout of end uses is shown in the CE5 tables.

^e 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.

^f 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.

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

^h 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.

ⁱ Some other fuel includes coal and district steam.

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.

Relative standard errors (RSEs) for Table CE4.10 Annual household site end-use consumption by fuel in the West—averages, 2020

	RSEs for number of housing units																			
	RSEs average site energy consumption ^a																			
	Electricity					Natural gas					Propane					Fuel oil or kerosene				
	Total West ^b	Total	Space heating ^c	Water heating	Air conditioning	Refrigerators	Other ^d	Total	Space heating ^c	Water heating	Other ^d	Total	Space heating ^c	Water heating	Other ^d	Total	Space heating ^c	Water heating	Other ^d	
All homes	0.00	0.74	0.80	2.84	1.87	1.31	0.76	0.98	1.09	1.45	1.08	5.92	7.05	9.35	3.65	23.63	9.90	11.77	9.35	3.95
Census division																				
Mountain	0.00	1.03	1.42	4.74	2.89	1.93	1.12	1.64	1.57	1.97	1.52	10.84	9.30	11.35	5.18	23.49	27.36	82.95	31.49	0.00
Mountain North	0.00	1.40	1.76	5.32	4.40	2.93	1.74	1.86	1.73	1.94	1.99	16.45	12.68	13.92	6.23	53.97	45.03	47.79	25.54	0.00
Mountain South	0.00	1.70	1.94	6.19	4.16	2.21	1.45	2.54	3.03	3.87	2.76	14.13	13.90	19.64	8.01	24.05	0.00	0.00	0.00	0.00
Pacific	0.00	1.09	1.16	3.87	2.57	2.29	1.13	1.34	1.70	2.26	1.39	6.94	10.61	13.12	4.83	29.86	9.86	9.73	7.75	2.04
Census urban/rural classification^e																				
Urban	0.58	0.74	0.83	3.17	2.16	1.36	0.80	0.99	1.11	1.47	1.11	6.04	11.62	14.78	6.38	25.96	12.59	20.48	7.30	3.95
Urbanized area	0.81	0.86	0.90	3.76	2.47	1.45	0.93	1.07	1.27	1.69	1.13	6.22	17.01	21.92	8.33	29.53	19.79	39.74	7.35	0.00
Urban cluster	5.53	2.91	3.06	8.27	4.45	6.86	2.49	3.86	3.70	4.83	4.20	14.39	9.83	14.54	7.76	46.84	17.82	15.70	16.29	5.73
Rural	5.87	2.61	2.79	6.03	4.72	4.94	2.73	2.86	6.31	6.67	4.96	26.05	8.35	10.94	4.01	31.25	18.71	15.30	16.85	0.00
Climate region^f																				
Very cold and Cold	1.37	1.16	1.54	5.60	3.64	2.35	1.71	1.54	1.42	1.88	1.70	11.18	9.14	11.22	4.85	30.66	12.32	9.56	10.17	3.95
Mixed-humid	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mixed-dry and Hot-dry	1.21	1.36	1.22	5.46	3.47	1.71	1.29	1.54	2.04	2.84	1.77	7.76	13.02	17.95	4.99	36.25	0.00	0.00	0.00	0.00
Hot-humid	0.00	3.62	4.13	44.03	5.55	6.10	3.23	5.07	9.68	0.00	8.45	17.90	17.45	0.00	14.12	22.53	0.00	0.00	0.00	0.00
Marine	2.39	2.16	2.27	5.97	3.79	4.69	1.79	2.46	3.06	3.28	2.87	8.91	17.64	17.46	8.64	44.75	19.79	22.02	0.00	0.00
Housing unit type																				
Single-family detached	0.00	0.92	1.00	3.57	2.76	1.58	0.89	1.11	1.14	1.61	1.32	7.03	7.52	9.68	4.22	25.56	11.02	10.58	7.85	0.00
Single-family attached	0.00	2.71	3.25	9.91	7.34	5.88	2.47	3.37	3.56	6.24	2.79	10.09	31.81	285.21	29.75	60.44	18.25	19.77	14.08	2.04
Apartments in buildings with 2–4 units	0.00	4.11	4.12	10.93	6.77	9.38	5.04	4.51	7.38	8.92	4.65	30.51	88.84	0.00	25.16	34.05	36.00	240.88	35.86	0.00
Apartments in buildings with 5 or more units	0.00	1.75	2.36	7.65	4.99	4.31	1.89	2.95	3.22	5.04	2.94	14.27	28.00	39.32	22.63	36.00	21.27	81.21	6.29	0.00
Mobile homes	0.00	3.12	3.86	10.45	6.61	7.21	4.00	4.15	5.70	8.07	5.64	12.98	12.69	12.35	7.14	27.97	49.35	29.81	5.74	0.00
Ownership of housing unit																				
Owned	0.92	1.02	1.05	3.45	3.00	1.70	0.96	1.19	1.34	1.71	1.39	7.12	7.53	9.75	3.90	25.04	9.97	9.82	7.80	3.95
Single-family	0.90	1.02	1.07	4.05	3.26	1.70	0.92	1.24	1.26	1.74	1.42	7.26	8.58	10.91	4.55	27.07	10.98	10.81	8.14	3.95
Apartments	11.85	6.84	10.30	29.11	18.15	12.64	4.39	7.68	8.62	21.24	6.65	14.58	67.89	0.00	18.79	52.78	0.00	0.00	0.00	0.00
Mobile homes	3.65	3.79	4.10	11.49	6.35	8.67	4.20	4.36	7.26	9.24	6.39	15.50	12.70	12.63	6.07	28.02	18.53	29.81	0.00	0.00
Rented ^g	1.55	2.02	2.15	5.91	3.12	3.96	1.59	2.39	3.35	4.38	2.52	13.14	22.76	31.36	9.81	36.91	17.03	40.59	13.37	0.00
Single-family	4.55	2.97	3.52	11.09	5.46	5.46	2.33	3.91	4.24	4.62	3.86	21.00	20.58	25.24	6.36	52.80	38.20	34.26	14.22	0.00
Apartments	1.00	1.84	2.29	6.30	4.43	4.38	2.06	2.52	3.68	5.30	2.94	18.26	30.67	52.74	21.11	26.44	25.05	94.07	22.58	0.00
Mobile homes	19.20	9.16	12.71	29.25	24.86	17.59	9.68	14.73	16.35	22.81	7.72	23.21	61.04	55.78	113.10	134.98	0.00	0.00	0.00	0.00
Year of construction																				
Before 1950	0.00	3.36	3.86	10.66	7.71	6.73	3.15	3.91	4.39	5.70	4.14	12.32	31.84	26.72	26.09	70.09	19.89	17.68	38.41	0.00
1950 to 1959	0.00	2.41	3.29	13.47	8.80	5.71	3.09	3.42	3.19	3.94	3.31	19.29	29.83	14.71	24.02	51.62	33.51	39.62	14.62	0.00
1960 to 1969	0.00	3.29	2.95	13.45	7.68	5.69	3.25	3.32	4.05	5.04	3.70	12.43	29.46	41.28	18.06	46.60	43.34	20.30	57.34	0.00

Relative standard errors (RSEs) for Table CE4.10 Annual household site end-use consumption by fuel in the West—averages, 2020

	RSEs for number of housing units																			
	RSEs average site energy consumption ^a																			
	Electricity					Natural gas					Propane					Fuel oil or kerosene				
Total West ^b	Total	Total	Space heating ^c	Water heating	Air conditioning	Refrigerators	Other ^d	Total	Space heating ^c	Water heating	Other ^d	Total	Space heating ^c	Water heating	Other ^d	Total	Space heating ^c	Water heating	Other ^d	
All homes	0.00	0.74	0.80	2.84	1.87	1.31	0.76	0.98	1.09	1.45	1.08	5.92	7.05	9.35	3.65	23.63	9.90	11.77	9.35	3.95
1970 to 1979	0.00	2.49	2.59	6.64	4.37	4.21	2.12	2.88	3.17	4.07	3.56	14.13	16.05	17.92	8.07	29.21	19.97	18.75	14.13	0.00
1980 to 1989	0.00	2.74	2.97	10.79	4.89	4.52	2.22	3.14	3.51	4.48	3.23	13.78	16.58	17.16	7.86	50.94	24.61	26.87	12.15	2.04
1990 to 1999	0.00	2.40	2.42	8.42	4.82	4.52	1.96	2.61	3.41	4.19	2.49	16.09	13.33	14.22	6.86	36.62	48.05	112.93	12.50	0.00
2000 to 2009	0.00	2.39	2.57	11.02	8.05	3.86	1.87	3.00	3.34	3.87	3.05	13.73	16.11	14.50	7.73	54.79	33.55	13.81	6.18	0.00
2010 to 2015	5.40	4.49	4.62	14.80	8.75	6.97	3.98	5.37	6.77	5.70	7.29	35.11	28.96	32.00	9.32	65.53	70.82	22.62	0.00	0.00
2016 to 2020	6.14	5.02	3.58	13.23	7.94	9.56	3.39	5.35	6.29	6.48	5.87	26.02	31.83	32.27	29.92	47.87	0.00	0.00	0.00	0.00
Total square footage^h																				
Less than 1,000	2.20	1.78	2.46	5.94	4.23	3.97	2.01	2.80	2.98	3.99	2.69	14.62	20.61	35.24	6.96	35.00	22.42	49.75	19.88	0.00
1,000 to 1,499	3.39	1.64	2.15	7.53	3.87	4.18	2.22	1.88	2.24	3.48	2.54	5.51	16.67	15.21	10.67	47.97	21.10	18.93	12.22	0.00
1,500 to 1,999	3.51	1.38	2.19	7.63	4.28	3.73	1.75	2.22	1.86	2.44	2.78	6.59	16.00	14.10	7.36	53.87	17.69	16.49	22.87	5.73
2,000 to 2,499	4.58	1.76	2.53	9.11	6.04	4.36	2.27	2.27	2.85	3.64	3.47	17.58	9.49	12.51	7.65	24.91	25.28	25.57	10.53	0.00
2,500 to 2,999	5.90	2.55	3.30	13.31	9.55	6.75	2.64	3.39	3.08	4.10	4.19	12.60	18.46	24.45	7.75	70.80	42.68	38.18	14.59	0.00
3,000 or more	4.59	2.31	3.04	11.92	7.81	5.91	2.42	2.65	2.79	3.59	3.43	14.98	17.52	21.52	7.35	44.37	27.66	28.68	23.75	0.00
Number of household members																				
1 member	3.10	2.11	2.50	6.21	3.51	3.91	1.71	2.96	3.18	3.34	2.68	17.08	18.06	22.45	7.02	43.67	17.28	22.92	5.16	5.73
2 members	2.87	1.57	1.57	5.02	3.51	3.19	1.48	1.63	1.99	2.71	1.73	9.89	11.56	11.06	4.44	45.69	19.74	16.62	16.03	0.00
3 members	5.32	2.49	2.78	9.12	4.91	4.85	2.42	2.46	3.46	4.40	2.39	12.81	20.26	26.27	6.38	45.42	35.30	32.42	17.02	0.00
4 members	4.26	2.63	2.73	9.59	5.29	4.12	2.76	2.65	3.48	5.23	2.59	11.12	14.89	20.61	6.62	35.40	48.47	80.06	13.10	0.00
5 members	6.30	3.79	4.44	14.15	9.39	7.66	3.70	4.78	4.99	6.58	4.82	10.42	24.79	40.59	6.60	21.77	47.11	47.11	0.00	0.00
6 or more members	8.85	5.15	4.73	21.57	9.95	7.13	3.09	5.05	6.44	8.85	5.84	30.10	29.60	31.62	5.02	25.57	65.08	25.19	30.37	0.00
2020 annual household income																				
Less than \$5,000	9.77	6.77	6.91	15.25	13.17	13.57	5.24	7.17	9.42	12.85	7.77	39.13	15.94	0.00	29.81	87.63	61.54	37.02	0.00	0.00
\$5,000 to \$9,999	14.97	6.97	8.72	23.44	12.28	11.37	8.21	11.38	8.34	13.76	7.54	33.69	39.05	78.46	26.15	22.56	0.00	0.00	0.00	0.00
\$10,000 to \$19,999	6.11	4.77	4.57	11.81	8.08	8.70	4.49	6.20	6.63	7.98	7.10	38.72	26.06	26.61	19.15	53.67	23.32	23.32	0.00	0.00
\$20,000 to \$39,999	3.64	2.12	2.83	8.03	5.34	4.70	2.20	2.92	3.12	5.10	2.72	15.97	16.45	24.64	9.15	27.14	14.04	16.12	7.01	0.00
\$40,000 to \$59,999	4.01	3.02	3.47	8.66	6.53	5.52	2.81	3.37	3.97	4.55	3.22	12.04	15.26	17.21	7.92	28.02	23.23	51.11	6.68	0.00
\$60,000 to \$99,999	2.99	2.06	1.67	6.25	4.25	3.03	1.90	2.17	2.46	3.43	2.37	12.98	11.55	13.51	5.68	34.78	13.66	14.13	9.42	2.04
\$100,000 to \$149,999	4.08	2.07	2.65	10.78	7.02	4.08	2.51	2.62	2.72	3.61	3.01	7.68	16.83	18.59	9.66	30.31	60.60	17.73	45.41	0.00
\$150,000 or more	4.34	2.18	2.60	11.58	5.97	5.08	2.12	2.41	2.93	3.64	2.57	12.33	21.07	22.75	9.81	45.47	29.63	30.37	18.86	0.00
Payment method for energy bills																				
All paid by household	0.50	0.85	0.86	3.01	2.02	1.43	0.80	1.02	1.16	1.50	1.15	6.11	7.35	9.27	3.76	24.07	9.89	9.44	6.53	5.73
Some paid by household, some included in rent or condo fee	8.83	5.82	5.63	14.66	11.85	12.07	5.72	6.62	9.07	11.91	4.41	19.56	44.72	121.84	20.41	42.96	36.24	31.49	34.55	0.00
All included in rent or condo fee	9.52	5.94	6.23	15.59	7.32	11.31	3.51	7.47	10.46	16.40	8.56	38.87	69.74	0.00	20.04	37.28	78.25	739.37	41.09	0.00
Some other method	63.98	25.71	21.28	0.00	0.00	106.73	4.63	13.34	57.04	24.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Main heating fuel																				
Natural gas	1.30	0.96	1.06	7.75	4.78	1.90	1.18	1.08	1.15	1.45	1.07	6.67	54.71	51.78	17.75	92.15	119.43	0.00	88.46	0.00
Electricity	2.75	1.99	1.90	3.26	2.71	3.58	1.97	2.65	4.66	23.51	3.77	13.77	12.26	21.49	8.71	23.90	0.00	0.00	0.00	0.00
Fuel oil or kerosene	17.12	6.10	6.15	23.48	11.74	77.54	6.97	7.91	56.35	0.00	0.00	95.01	33.28	0.00	35.69	18.00	10.16	12.75	6.21	0.00
Propane	10.97	5.43	4.54	19.88	10.60	9.88	4.97	6.51	86.05	0.00	0.00	60.78	7.65	8.98	4.86	29.35	0.00	0.00	0.00	0.00

Relative standard errors (RSEs) for Table CE4.10 Annual household site end-use consumption by fuel in the West—averages, 2020

RSEs for
number
of
housing
units

RSEs average site energy consumption^a

	Electricity								Natural gas				Propane				Fuel oil or kerosene			
	Total West ^b	Total	Space heating ^c	Water heating	Air conditioning	Refrigerators	Other ^d	Total	Space heating ^c	Water heating	Other ^d	Total	Space heating ^c	Water heating	Other ^d	Total	Space heating ^c	Water heating	Other ^d	
	All homes	0.00	0.74	0.80	2.84	1.87	1.31	0.76	0.98	1.09	1.45	1.08	5.92	7.05	9.35	3.65	23.63	9.90	11.77	9.35
Wood	12.40	7.44	5.45	15.00	8.18	15.41	6.06	7.32	40.59	23.91	56.01	28.67	24.15	48.66	5.53	59.39	56.08	61.12	19.06	0.00
Some other fuel ⁱ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Does not use heating equipment	6.32	3.25	3.94	0.00	7.47	7.33	2.76	4.42	5.21	0.00	4.48	10.98	19.25	0.00	13.75	19.48	19.03	0.00	20.65	0.00

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: See RECS Terminology for definition of terms used in these tables.

^a Consumption and expenditures for biomass (wood), coal, district steam, and solar thermal are excluded. Electricity consumption from on-site solar photovoltaic generation (that is, solar panels) is included.

^b 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.

^c Includes main (primary) and secondary space heating.

^d Includes end uses not shown in this table. A more detailed breakout of end uses is shown in the CE5 tables.

^e 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.

^f 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.

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

^h 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.

ⁱ Some other fuel includes coal and district steam.