

Data release date: June 2023

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Table CE3.10 Annual household site end-use expenditures in the West—totals and averages, 2020

	Number of housing units (million)	Total energy expenditures ^a (billion dollars)						Average energy expenditures ^a (dollars 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	Air conditioning	Refrigerators
All homes	27.72	45.84	8.92	7.84	6.06	3.46	19.55	1,653	355	284	293	125	705
Census division													
Mountain	9.22	15.24	3.25	2.13	2.82	0.95	6.08	1,653	367	232	353	104	660
Mountain North	4.62	6.80	2.08	0.96	0.58	0.44	2.74	1,474	456	208	153	96	594
Mountain South	4.60	8.43	1.17	1.17	2.24	0.51	3.34	1,833	273	256	531	111	725
Pacific	18.51	30.60	5.67	5.71	3.23	2.51	13.47	1,653	349	310	256	136	728
Census urban/rural classification^e													
Urban	25.24	40.40	7.40	6.91	5.61	3.13	17.34	1,601	325	275	297	125	687
Urbanized area	22.74	36.36	6.39	6.17	5.19	2.85	15.75	1,599	313	273	301	126	693
Urban cluster	2.50	4.04	1.01	0.74	0.42	0.28	1.59	1,616	433	299	258	113	637
Rural	2.48	5.43	1.52	0.93	0.44	0.33	2.21	2,188	646	376	252	133	889
Climate region^f													
Very cold and Cold	6.35	9.85	3.11	1.49	0.71	0.63	3.91	1,550	496	236	144	99	615
Mixed-humid	N	N	N	N	N	N	N	N	N	N	N	N	N
Mixed-dry and Hot-dry	14.03	24.44	3.12	3.74	4.74	1.97	10.87	1,742	253	268	396	141	774
Hot-humid	0.47	0.98	*	0.23	0.17	0.11	0.47	2,058	99	569	638	225	986
Marine	6.87	10.57	2.69	2.38	0.44	0.75	4.31	1,540	417	347	124	111	628
Housing unit type													
Single-family detached	16.97	33.84	7.13	5.07	4.64	2.45	14.56	1,994	444	300	352	144	858
Single-family attached	1.69	2.38	0.41	0.44	0.29	0.20	1.04	1,413	280	261	238	120	617

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All homes	27.72	45.84	8.92	7.84	6.06	3.46	19.55	1,653	355	284	293	125	705
Apartments in buildings with 2–4 units	1.89	2.04	0.26	0.51	0.22	0.17	0.88	1,079	163	272	199	92	465
Apartments in buildings with 5 or more units	5.70	5.33	0.60	1.42	0.60	0.49	2.23	935	131	250	150	86	391
Mobile homes	1.47	2.24	0.52	0.41	0.31	0.15	0.84	1,520	381	275	272	105	572
Ownership of housing unit													
Owned	17.40	33.31	7.13	5.04	4.46	2.46	14.22	1,915	434	291	329	142	817
Single-family	15.57	30.79	6.59	4.54	4.14	2.27	13.26	1,978	445	293	339	146	852
Apartments	0.59	0.61	0.08	0.15	0.07	0.06	0.25	1,029	179	263	175	109	421
Mobile homes	1.24	1.91	0.46	0.34	0.26	0.13	0.71	1,545	390	278	268	105	576
Rented ^e	10.33	12.53	1.80	2.80	1.59	1.00	5.33	1,213	207	273	225	98	516
Single-family	3.09	5.44	0.95	0.97	0.79	0.38	2.35	1,758	348	314	361	124	758
Apartments	7.00	6.76	0.79	1.77	0.75	0.60	2.86	966	136	255	159	86	408
Mobile homes	0.24	0.33	0.06	0.06	0.05	0.03	0.13	1,394	322	263	296	107	548
Year of construction													
Before 1950	3.27	4.97	1.25	0.91	0.41	0.39	2.00	1,522	415	282	214	119	614
1950 to 1959	2.73	4.34	0.91	0.72	0.56	0.36	1.79	1,589	370	264	292	133	653
1960 to 1969	2.95	4.61	0.91	0.86	0.52	0.38	1.94	1,565	349	293	253	131	657
1970 to 1979	4.71	7.62	1.60	1.31	0.98	0.56	3.17	1,619	382	281	283	120	674
1980 to 1989	3.95	6.72	1.21	1.10	0.95	0.50	2.95	1,702	341	280	325	127	748
1990 to 1999	4.05	7.24	1.34	1.21	1.03	0.53	3.13	1,789	365	300	322	132	773
2000 to 2009	3.89	7.06	1.14	1.17	1.16	0.50	3.09	1,814	323	300	352	129	794
2010 to 2015	1.16	1.85	0.30	0.33	0.25	0.13	0.84	1,590	280	286	259	113	723

Table CE3.10 Annual household site end-use expenditures in the West—totals and averages, 2020

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		Total West ^b	Total	Space heating ^c	Water heating	Air conditioning	Refrigerators	Other ^d	Total	Space heating ^c	Water heating	Air conditioning	Refrigerators
All homes	27.72	45.84	8.92	7.84	6.06	3.46	19.55	1,653	355	284	293	125	705
2016 to 2020	1.02	1.42	0.25	0.23	0.19	0.10	0.64	1,390	254	230	217	101	629
Total square footage^h													
Less than 1,000	7.89	8.01	1.14	1.92	0.90	0.72	3.32	1,015	174	245	170	92	422
1,000 to 1,499	6.53	9.88	1.79	1.91	1.27	0.77	4.14	1,512	305	295	264	118	634
1,500 to 1,999	5.30	9.73	1.88	1.57	1.35	0.74	4.19	1,834	385	296	341	141	789
2,000 to 2,499	3.34	7.02	1.61	1.02	0.90	0.48	3.02	2,103	496	308	340	143	904
2,500 to 2,999	1.92	4.29	0.97	0.57	0.64	0.30	1.82	2,232	520	298	400	154	945
3,000 or more	2.74	6.90	1.53	0.85	1.00	0.46	3.07	2,522	575	311	431	166	1,121
Number of household members													
1 member	7.23	8.00	1.91	1.31	0.95	0.71	3.12	1,106	296	182	197	99	431
2 members	9.31	15.80	3.34	2.45	2.11	1.18	6.72	1,697	387	265	296	127	722
3 members	4.12	7.75	1.37	1.37	0.98	0.57	3.47	1,882	365	335	316	139	843
4 members	4.08	7.98	1.39	1.53	1.08	0.57	3.43	1,957	374	375	338	139	840
5 members	1.71	3.51	0.54	0.67	0.51	0.25	1.55	2,055	350	396	370	144	905
6 or more members	1.28	2.80	0.39	0.51	0.43	0.19	1.28	2,181	372	405	420	148	995
2020 annual household income													
Less than \$5,000	0.90	1.09	0.17	0.25	0.14	0.08	0.44	1,210	221	285	240	94	490
\$5,000 to \$9,999	0.72	0.76	0.13	0.18	0.07	0.07	0.31	1,055	221	246	169	98	432
\$10,000 to \$19,999	2.03	2.40	0.49	0.49	0.28	0.20	0.95	1,182	276	240	211	99	467
\$20,000 to \$39,999	5.26	7.19	1.43	1.33	0.98	0.57	2.88	1,367	305	255	252	109	547
\$40,000 to \$59,999	4.32	6.53	1.32	1.19	0.85	0.51	2.65	1,513	340	276	272	119	614
\$60,000 to \$99,999	6.30	10.71	2.15	1.83	1.40	0.82	4.51	1,699	372	293	290	130	716
\$100,000 to \$149,999	4.06	7.66	1.49	1.21	1.02	0.55	3.39	1,887	400	299	314	137	835

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		Total West ^b	Total	Space heating ^c	Water heating	Air condi- tioning	Refrig- erators	Other ^d	Total	Space heating ^c	Water heating	Air condi- tioning	Refrig- erators
All homes	27.72	45.84	8.92	7.84	6.06	3.46	19.55	1,653	355	284	293	125	705
\$150,000 or more	4.13	9.49	1.74	1.36	1.32	0.65	4.43	2,298	450	332	406	158	1,071
Payment method for energy bills													
All paid by household	25.56	43.43	8.57	7.28	5.77	3.26	18.55	1,699	367	286	300	128	726
Some paid by household, some included in rent or condo fee	1.27	1.40	0.19	0.32	0.15	0.12	0.62	1,105	192	251	172	98	486
All included in rent or condo fee	0.89	1.00	0.16	0.24	0.13	0.08	0.38	1,127	223	275	246	89	433
Some other method	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Main heating fuel													
Natural gas	16.13	28.37	5.68	4.05	3.82	2.16	12.66	1,759	352	251	299	134	785
Electricity	7.62	10.92	2.33	2.31	1.51	0.77	4.00	1,432	305	304	278	102	524
Fuel oil or kerosene	0.11	0.33	0.14	0.06	Q	0.01	0.10	2,876	1,254	551	Q	124	905
Propane	0.72	1.98	0.66	0.33	0.14	0.11	0.74	2,752	922	459	256	152	1,026
Wood	0.67	1.08	0.11	0.32	0.07	0.07	0.51	1,611	210	499	173	108	761
Some other fuel ⁱ	N	N	N	N	N	N	N	N	N	N	N	N	N
Does not use heating equipment	2.47	3.15	N	0.76	0.51	0.33	1.54	1,277	N	323	352	134	625

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All homes	27.72	45.84	8.92	7.84	6.06	3.46	19.55	1,653	355	284	293	125	705

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 Consumption and expenditures for biomass (wood), coal, district steam, and solar thermal are excluded.

^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.

* = Estimate is less than 0.005 and rounds to zero.

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Relative standard errors (RSEs) for Table CE3.10 Annual household site end-use expenditures in the West—totals and averages, 2020

	RSEs for number of housing units	RSEs for total energy expenditures ^a						RSEs for average energy expenditures ^a					
	Total West ^b	Total	Space heating ^c	Water heating	Air condi- tioning	Refrig- erators	Other ^d	Total	Space heating ^c	Water heating	Air condi- tioning	Refrig- erators	Other ^d
All homes	0.00	0.86	1.39	1.18	1.97	0.88	1.23	0.86	1.54	1.17	1.67	0.89	1.23
Census division													
Mountain	0.00	1.12	1.70	1.69	2.42	1.26	1.69	1.12	1.66	1.67	2.08	1.25	1.69
Mountain North	0.00	1.53	2.05	2.88	3.66	1.85	2.12	1.53	1.96	2.85	3.34	1.84	2.12
Mountain South	0.00	1.65	3.11	2.42	2.63	1.55	2.54	1.65	3.19	2.41	2.35	1.54	2.54
Pacific	0.00	1.13	1.94	1.29	3.40	1.21	1.63	1.13	2.18	1.31	2.85	1.23	1.63
Census urban/rural classification^e													
Urban	0.58	1.08	1.44	1.34	2.05	1.11	1.42	0.91	1.52	1.25	1.73	0.95	1.25
Urbanized area	0.81	1.28	1.93	1.46	2.10	1.34	1.60	0.98	1.79	1.35	1.78	1.07	1.31
Urban cluster	5.53	6.27	6.44	6.21	11.23	6.50	7.52	3.14	4.29	3.33	7.93	3.26	5.18
Rural	5.87	6.20	6.59	6.99	9.96	6.99	7.20	2.69	4.77	3.60	6.71	3.72	4.34
Climate region^f													
Very cold and Cold	1.37	1.81	2.28	2.77	3.35	2.31	2.24	1.14	1.71	2.26	2.69	1.87	1.77
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
Mixed-dry and Hot-dry	1.21	1.76	3.38	2.02	2.34	1.96	2.20	1.49	3.21	1.78	2.03	1.51	1.95
Hot-humid	0.00	3.99	47.77	5.44	9.42	3.53	5.51	3.99	44.87	4.77	7.27	3.61	5.51
Marine	2.39	2.81	3.33	2.84	6.30	3.79	3.69	1.96	2.83	2.37	5.56	2.46	2.82
Housing unit type													
Single-family detached	0.00	1.17	1.67	1.51	2.49	1.06	1.60	1.17	1.63	1.49	2.15	1.06	1.60
Single-family attached	0.00	3.15	5.58	3.57	8.21	3.20	4.48	3.15	5.85	3.58	6.40	3.25	4.48

Relative standard errors (RSEs) for Table CE3.10 Annual household site end-use expenditures in the West—totals and averages, 2020

	RSEs for number of housing units	RSEs for total energy expenditures ^a						RSEs for average energy expenditures ^a						
		Total West ^b	Total	Space heating ^c	Water heating	Air conditioning	Refrigerators	Other ^d	Total	Space heating ^c	Water heating	Air conditioning	Refrigerators	Other ^d
		All homes	0.00	0.86	1.39	1.18	1.97	0.88	1.23	0.86	1.54	1.17	1.67	0.89
Apartment in buildings with 2–4 units	0.00	3.82	6.46	4.86	11.06	5.23	6.19	3.82	6.12	4.72	10.62	5.23	6.19	
Apartment in buildings with 5 or more units	0.00	1.79	5.05	3.14	4.62	2.35	3.06	1.79	5.05	3.24	4.21	2.31	3.06	
Mobile homes	0.00	3.07	5.77	4.38	8.02	4.89	4.96	3.07	5.59	4.38	7.23	4.77	4.96	
Ownership of housing unit														
Owned	0.92	1.27	1.70	1.53	2.53	1.29	1.78	1.11	1.75	1.35	2.12	1.20	1.58	
Single-family	0.90	1.42	1.82	1.64	2.71	1.38	1.94	1.14	1.77	1.48	2.20	1.18	1.65	
Apartments	11.85	11.01	18.71	11.37	16.10	12.34	12.37	6.74	14.34	7.67	13.20	5.58	9.27	
Mobile homes	3.65	4.78	6.82	5.90	10.83	6.48	6.40	3.39	6.58	4.44	8.72	5.28	5.28	
Rented ^e	1.55	2.88	4.27	2.52	5.43	2.55	3.24	1.95	3.17	1.96	4.00	1.90	2.48	
Single-family	4.55	5.88	6.44	5.51	8.41	5.72	6.78	2.98	4.22	3.38	5.53	2.98	4.03	
Apartments	1.00	2.00	4.56	2.83	5.46	2.53	3.01	1.87	4.21	2.96	4.74	2.32	2.84	
Mobile homes	19.20	21.32	20.30	25.56	29.64	23.42	23.78	10.49	11.79	17.53	18.00	11.77	15.00	
Year of construction														
Before 1950	0.00	3.67	4.54	4.53	9.22	3.86	4.74	3.67	4.51	4.57	8.30	3.80	4.74	
1950 to 1959	0.00	3.05	5.72	3.31	7.81	4.05	3.82	3.05	5.51	3.29	6.79	4.05	3.82	
1960 to 1969	0.00	3.62	5.97	4.61	8.02	4.52	4.52	3.62	5.80	4.57	7.07	4.46	4.52	
1970 to 1979	0.00	2.50	3.62	2.82	5.45	2.70	3.18	2.50	3.74	2.83	4.37	2.62	3.18	
1980 to 1989	0.00	3.36	5.67	3.30	6.35	3.26	4.56	3.36	5.36	3.28	5.61	3.26	4.56	
1990 to 1999	0.00	2.69	3.57	3.16	5.41	2.70	3.57	2.69	3.53	3.17	4.93	2.70	3.57	
2000 to 2009	0.00	2.27	3.77	3.11	4.06	2.64	3.12	2.27	3.53	3.09	3.64	2.64	3.12	
2010 to 2015	5.40	7.13	7.68	8.21	9.93	8.25	9.00	4.47	5.99	6.59	7.66	4.83	6.61	

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		Total West ^b	Total	Space heating ^c	Water heating	Air conditioning	Refrigerators	Other ^d	Total	Space heating ^c	Water heating	Air conditioning	Refrigerators
All homes	0.00	0.86	1.39	1.18	1.97	0.88	1.23	0.86	1.54	1.17	1.67	0.89	1.23
2016 to 2020	6.14	6.92	8.29	6.99	12.44	8.10	8.85	4.10	5.82	4.95	10.24	4.22	6.91
Total square footage^h													
Less than 1,000	2.20	2.62	3.28	3.32	4.74	3.57	3.36	1.77	3.22	2.64	3.87	2.28	2.82
1,000 to 1,499	3.39	3.82	5.13	4.45	5.52	4.71	4.05	1.80	3.84	2.89	3.85	2.57	2.28
1,500 to 1,999	3.51	3.91	4.27	4.96	5.95	3.80	4.23	1.83	2.52	2.94	4.04	2.40	2.85
2,000 to 2,499	4.58	5.39	5.76	5.52	8.17	5.78	5.94	2.08	4.04	2.93	5.04	2.96	2.89
2,500 to 2,999	5.90	6.79	8.24	7.32	9.52	7.91	7.00	3.09	5.35	3.99	7.59	4.53	3.76
3,000 or more	4.59	5.62	5.21	5.58	9.23	5.50	6.48	2.97	3.77	3.39	7.12	3.37	3.92
Number of household members													
1 member	3.10	3.63	4.57	3.94	5.20	4.23	4.14	2.04	3.31	2.17	3.76	2.17	2.85
2 members	2.87	3.26	3.61	3.46	4.92	3.68	3.66	1.58	2.46	2.11	3.74	2.27	2.28
3 members	5.32	5.63	6.67	6.60	6.90	5.45	6.00	2.53	4.32	3.41	4.56	2.93	3.08
4 members	4.26	4.51	4.85	5.43	6.91	5.63	4.77	2.41	4.21	2.82	4.63	3.31	2.90
5 members	6.30	6.60	7.15	7.14	10.83	7.63	7.11	4.07	6.69	4.79	8.08	4.23	4.68
6 or more members	8.85	8.65	11.61	9.96	11.77	8.83	9.27	4.18	9.44	4.78	7.26	3.65	5.84
2020 annual household income													
Less than \$5,000	9.77	10.61	12.79	11.07	17.71	11.57	12.33	6.24	9.47	7.47	13.14	6.62	8.37
\$5,000 to \$9,999	14.97	15.46	16.92	17.66	19.72	16.31	17.64	6.94	13.86	10.08	11.36	7.29	10.52
\$10,000 to \$19,999	6.11	6.63	8.58	7.05	11.13	8.50	8.67	4.77	6.74	4.99	9.85	5.76	7.39
\$20,000 to \$39,999	3.64	4.23	5.48	5.37	6.02	5.44	4.58	2.34	4.38	3.52	4.50	3.10	3.02
\$40,000 to \$59,999	4.01	4.05	4.95	5.00	6.53	5.01	4.62	2.58	4.16	3.60	5.56	3.08	3.24
\$60,000 to \$99,999	2.99	3.47	3.96	3.95	5.67	4.11	3.59	2.02	3.47	2.69	3.49	2.43	2.47

Relative standard errors (RSEs) for Table CE3.10 Annual household site end-use expenditures in the West—totals and averages, 2020

	RSEs for total energy expenditures ^a							RSEs for average energy expenditures ^a					
	Total West ^b	RSEs for number of housing units					Other ^d	Total	RSEs for number of housing units				
		Total	Space heating ^c	Water heating	Air conditioning	Refrigerators			Space heating ^c	Water heating	Air conditioning	Refrigerators	Other ^d
All homes	0.00	0.86	1.39	1.18	1.97	0.88	1.23	0.86	1.54	1.17	1.67	0.89	1.23
\$100,000 to \$149,999	4.08	4.63	5.49	5.15	7.01	5.17	5.13	2.46	3.90	3.14	5.06	2.99	3.18
\$150,000 or more	4.34	5.13	5.15	5.62	7.44	4.91	5.65	2.41	3.07	2.54	5.28	2.78	3.17
Payment method for energy bills													
All paid by household	0.50	0.98	1.47	1.35	2.03	1.00	1.36	0.96	1.60	1.24	1.79	0.97	1.32
Some paid by household, some included in rent or condo fee	8.83	9.43	12.34	10.88	13.59	9.60	10.82	5.10	10.60	5.40	10.65	5.26	7.38
All included in rent or condo fee	9.52	11.01	13.45	12.41	16.10	11.21	12.57	5.43	10.92	7.99	11.71	4.63	7.54
Some other method	63.98	56.89	67.96	62.49	84.47	60.17	55.19	23.41	42.85	20.23	162.71	59.50	41.89
Main heating fuel													
Natural gas	1.30	1.73	1.91	1.92	3.04	1.59	2.06	1.25	1.61	1.46	2.27	1.45	1.71
Electricity	2.75	3.55	4.03	3.69	5.23	3.85	4.25	1.96	3.21	2.22	3.69	2.24	2.99
Fuel oil or kerosene	17.12	13.68	13.21	17.52	84.06	14.35	14.75	6.97	12.79	7.70	78.77	9.12	8.35
Propane	10.97	11.41	12.65	12.49	17.15	13.35	12.43	5.41	8.24	5.39	12.26	7.63	7.80
Wood	12.40	16.30	19.52	13.68	34.24	17.15	18.41	7.72	13.47	5.48	27.47	10.20	11.53
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
Does not use heating equipment	6.32	6.74	0.00	7.00	8.27	6.27	7.93	3.45	0.00	3.67	6.49	3.44	4.94

Relative standard errors (RSEs) for Table CE3.10 Annual household site end-use expenditures in the West—totals and averages, 2020

	RSEs for number of housing units													
	RSEs for total energy expenditures ^a							RSEs for average energy expenditures ^a						
	Total West ^b	Total	Space heating ^c	Water heating	Air conditioning	Refrigerators	Other ^d	Total	Space heating ^c	Water heating	Air conditioning	Refrigerators	Other ^d	
All homes	0.00	0.86	1.39	1.18	1.97	0.88	1.23	0.86	1.54	1.17	1.67	0.89	1.23	

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.

^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.