

Table CE4.20 Annual household end-use expenditures by fuel in the West—averages, 2015

	Number of housing units (million)		Average energy expenditures ¹ (dollars per household using the fuel and end use)																	
	Total West ²	Total	Electricity					Natural gas				Propane				Fuel oil/kerosene				
			Total	Space heating ³	Water heating	Air conditioning	Refrigerators	Other ⁴	Total	Space heating ³	Water heating	Other ⁴	Total	Space heating ³	Water heating	Other ⁴	Total	Space heating ³	Water heating	Other
All homes	26.4	1,518	1,145	291	372	220	110	642	448	285	205	70	626	501	396	140	1,021	698	Q	Q
Census division																				
Mountain	8.5	1,638	1,172	287	348	272	101	646	571	383	207	65	700	472	385	153	N	N	N	N
Mountain North	4.2	1,586	1,017	344	346	107	102	645	635	434	212	50	948	664	Q	Q	N	N	N	N
Mountain South	4.3	1,688	1,326	247	349	412	99	646	484	300	201	78	588	Q	402	126	N	N	N	N
Pacific	17.9	1,461	1,132	293	382	192	115	640	391	225	203	72	577	528	406	131	1,021	698	Q	Q
Census urban/rural classification⁵																				
Urban	22.8	1,459	1,111	251	361	232	110	626	432	269	203	69	309	189	529	103	Q	Q	N	Q
Urbanized area	21.4	1,457	1,109	240	361	238	111	630	424	260	203	67	316	Q	529	102	Q	Q	N	Q
Urban cluster	1.5	1,497	1,133	371	361	147	95	573	600	426	219	92	Q	Q	N	Q	Q	Q	N	N
Rural	3.6	1,898	1,362	519	411	116	107	740	765	543	231	105	745	542	370	152	Q	Q	Q	N
Metropolitan or micropolitan statistical area																				
In metropolitan statistical area	24.1	1,508	1,145	273	378	231	112	648	431	267	203	70	606	447	406	135	Q	Q	N	Q
In micropolitan statistical area	1.1	1,276	1,092	436	271	42	63	409	563	427	177	Q	579	Q	Q	Q	N	N	N	N
Not in metropolitan or micropolitan statistical area	1.1	1,995	1,179	442	517	116	123	747	854	593	258	69	805	Q	Q	Q	Q	Q	Q	N
Climate region⁶																				
Very cold/Cold	6.5	1,600	1,068	410	345	90	93	644	636	440	208	60	700	495	375	154	Q	Q	Q	N
Mixed-humid	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Mixed-dry/Hot-dry	12.7	1,484	1,156	194	350	319	117	640	369	190	198	77	532	530	430	127	Q	Q	N	N
Hot-humid	0.4	1,883	1,852	Q	478	887	176	773	Q	N	Q	Q	N	N	N	N	N	N	N	N
Marine	6.7	1,479	1,151	339	398	60	109	634	459	284	221	59	631	495	384	131	Q	Q	N	Q
Housing unit type																				
Single-family detached	16.2	1,837	1,362	371	384	275	128	770	557	347	224	81	709	602	382	164	Q	Q	Q	Q
Single-family attached	1.6	1,240	937	203	386	178	98	528	364	197	186	57	Q	Q	Q	Q	N	N	N	N
Apartments in buildings with 2-4 units	1.9	972	734	179	432	106	82	407	281	104	190	54	Q	N	N	Q	Q	Q	Q	N
Apartments in buildings with 5 or more units	5.3	831	695	108	294	127	77	373	184	61	150	45	Q	Q	Q	Q	N	N	N	N
Mobile homes	1.4	1,471	1,104	376	489	Q	77	619	468	247	237	31	572	Q	374	101	Q	Q	N	N

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			Total West ²	Total	Space heating ³	Water heating	Air conditioning	Refrigerators	Other ⁴	Total	Space heating ³	Water heating	Other ⁴	Total	Space heating ³	Water heating	Other ⁴	Total	Space heating ³	Water heating
All homes	26.4	1,518	1,145	291	372	220	110	642	448	285	205	70	626	501	396	140	1,021	698	Q	Q
Ownership of housing unit																				
Owned	15.4	1,790	1,325	345	383	277	128	752	539	337	211	81	675	555	398	164	975	750	Q	Q
Single-family	13.9	1,829	1,345	351	370	278	131	769	554	346	215	85	698	618	380	163	Q	Q	Q	Q
Apartments	0.6	1,358	1,232	111	433	487	142	545	210	82	125	65	N	N	N	N	N	N	N	N
Mobile homes	0.9	1,474	1,082	338	514	Q	82	634	454	254	202	32	575	Q	Q	168	Q	Q	N	N
Rented ⁷	11.0	1,138	892	228	358	139	85	487	315	176	195	51	494	Q	393	78	Q	Q	Q	N
Single-family	3.9	1,623	1,250	368	427	225	108	674	481	285	241	58	Q	Q	Q	Q	N	N	N	N
Apartments	6.6	825	660	128	305	91	72	368	212	75	165	46	Q	Q	Q	Q	Q	Q	Q	N
Mobile homes	0.5	1,465	1,145	Q	460	Q	67	590	Q	Q	Q	Q	Q	Q	Q	Q	N	N	N	N
Year of construction																				
Before 1950	3.4	1,533	1,121	369	377	144	104	615	473	325	193	68	1,045	Q	378	Q	Q	Q	N	N
1950 to 1959	2.8	1,394	1,004	291	385	172	96	611	444	293	199	68	Q	N	Q	Q	Q	Q	N	Q
1960 to 1969	2.9	1,321	1,026	369	411	184	100	543	363	253	181	48	487	Q	Q	Q	N	N	N	N
1970 to 1979	4.7	1,453	1,149	296	409	237	109	603	408	263	190	70	489	410	Q	Q	Q	Q	N	N
1980 to 1989	3.9	1,307	1,020	176	295	174	106	595	348	192	201	64	733	Q	Q	289	Q	Q	N	N
1990 to 1999	3.9	1,690	1,238	270	369	294	124	692	524	326	228	77	667	505	503	165	Q	Q	Q	N
2000 to 2009	4.1	1,842	1,372	311	358	279	127	792	544	315	233	80	676	424	334	47	Q	Q	Q	N
2010 to 2015	0.8	1,532	1,140	361	397	155	94	665	504	299	193	Q	Q	Q	N	Q	Q	Q	Q	N
Total square footage⁸																				
Fewer than 1,000	7.4	934	741	178	327	97	77	405	236	116	164	48	444	Q	467	194	Q	Q	Q	Q
1,000 to 1,499	6.2	1,353	1,025	228	400	185	99	570	412	242	207	55	614	Q	Q	56	Q	Q	N	N
1,500 to 1,999	3.9	1,645	1,242	363	410	218	116	684	493	288	218	85	640	532	394	127	Q	Q	N	N
2,000 to 2,499	3.1	1,848	1,369	376	345	308	138	777	561	320	225	75	716	Q	Q	Q	Q	Q	Q	N
2,500 to 2,999	1.9	2,044	1,497	472	407	325	133	831	631	429	207	71	Q	Q	Q	Q	N	N	N	N
3,000 or greater	3.8	2,259	1,663	428	384	360	150	969	646	408	246	103	731	552	339	165	Q	Q	Q	N
Number of household members																				
1 member	5.5	1,102	797	244	209	151	94	426	365	302	108	52	648	589	204	140	Q	Q	N	Q
2 members	9.7	1,524	1,150	303	302	235	112	644	445	302	177	77	727	500	365	140	Q	Q	N	N
3 members	4.3	1,469	1,115	261	426	186	108	641	433	250	223	71	310	Q	Q	89	Q	Q	Q	N
4 members	3.6	1,779	1,354	303	605	269	121	769	489	250	276	74	580	Q	Q	Q	Q	Q	Q	N
5 members	1.8	1,911	1,514	381	660	267	120	796	516	288	293	74	Q	Q	Q	Q	Q	Q	N	N
6 or more members	1.5	2,059	1,531	361	568	284	121	933	606	299	352	72	Q	Q	Q	Q	Q	Q	Q	N

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All homes	26.4	1,518	1,145	291	372	220	110	642	448	285	205	70	626	501	396	140	1,021	698	Q	Q
2015 annual household income																				
Less than \$20,000	5.0	1,157	915	318	319	155	77	439	311	198	178	45	665	Q	Q	123	N	N	N	N
\$20,000 to \$39,999	5.3	1,290	962	295	395	166	90	497	397	283	179	47	424	337	Q	Q	Q	Q	Q	Q
\$40,000 to \$59,999	3.6	1,370	1,055	227	351	199	107	593	413	257	197	56	Q	Q	Q	Q	Q	Q	N	N
\$60,000 to \$79,999	3.5	1,589	1,191	312	366	244	119	679	473	306	202	83	630	494	Q	106	Q	Q	N	N
\$80,000 to \$99,999	2.4	1,634	1,173	289	419	181	123	705	507	317	221	63	Q	Q	Q	Q	Q	Q	Q	N
\$100,000 to \$119,999	2.3	1,765	1,338	236	385	273	123	797	495	288	223	66	545	Q	Q	Q	N	N	N	N
\$120,000 to \$139,999	1.2	1,932	1,402	281	570	328	143	820	594	340	247	111	Q	Q	Q	Q	N	N	N	N
\$140,000 or more	3.1	2,144	1,609	355	374	329	157	995	549	316	242	110	787	664	424	157	Q	Q	N	N
Payment method for energy bills																				
All paid by household	23.7	1,561	1,170	302	365	221	112	660	469	297	210	72	670	501	388	142	975	750	Q	Q
Some paid by household, some included in rent or condo fee	1.1	905	694	125	391	154	86	403	218	109	165	31	Q	N	N	Q	N	N	N	N
All included in rent or condo fee	1.4	1,291	1,073	208	465	259	95	514	288	166	150	34	Q	N	Q	Q	Q	Q	Q	N
Some other method	0.2	1,331	961	Q	Q	Q	68	599	Q	Q	Q	Q	Q	N	Q	Q	N	N	N	N
Main heating fuel																				
Natural gas	13.9	1,627	1,103	163	407	243	123	729	523	294	207	66	Q	N	Q	Q	Q	Q	N	N
Electricity	7.8	1,352	1,245	337	338	168	88	460	260	49	207	118	292	238	Q	158	N	N	N	N
Fuel oil/kerosene	Q	Q	Q	Q	Q	Q	Q	Q	N	N	N	N	Q	N	N	Q	Q	Q	Q	Q
Propane	0.8	2,303	1,304	Q	Q	218	118	958	Q	N	Q	N	989	665	328	59	N	N	N	N

¹Consumption and expenditures for biomass (wood), coal, district steam, and solar thermal are excluded.

²Total 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.

³Includes main (primary) and secondary space heating.

⁴Includes end uses not shown in this table. A more detailed breakout of end uses is shown in the Series 5 tables.

⁵Housing 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.

⁶These climate regions were created by the Building America program, sponsored by the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy (EERE).

⁷Rented includes households that occupy their primary housing units without paying rent.

⁸Total 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 for some housing units was calculated based on measurements taken by the interviewer. For households responding without the presence of an interviewer, square footage was imputed based on characteristics of the housing unit. See 2015 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 cases responded.
 N = No cases responded.

Notes: Because of rounding, data may not sum to totals. See RECS Terminology for definition of terms used in these tables.
 Source: U.S. Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Forms EIA-457A, C, D, E, F, G of the 2015 Residential Energy Consumption Survey.