

Table CE3.10 Annual household end-use expenditures in the West—totals and averages, 2015

	Number of housing units (million)	Total energy expenditures ¹ (billion dollars)						Average energy expenditures ¹ (dollars per household using the end use)					
		Total West ²	Space heating ³	Water heating	Air condi- tioning	Refrig- erators	Other ⁴	Total	Space heating ³	Water heating	Air condi- tioning	Refrig- erators	Other ⁴
All homes	26.4	40.06	7.99	7.08	4.06	2.90	18.03	1,518	344	269	220	110	683
Census division													
Mountain	8.5	13.94	3.27	2.22	1.80	0.86	5.79	1,638	399	261	272	101	680
Mountain North	4.2	6.74	2.07	1.06	0.32	0.43	2.85	1,586	489	250	107	102	670
Mountain South	4.3	7.20	1.20	1.16	1.47	0.42	2.94	1,688	302	272	412	99	690
Pacific	17.9	26.12	4.72	4.85	2.27	2.04	12.24	1,461	314	272	192	115	685
Census urban/rural classification⁵													
Urban	22.8	33.32	6.05	5.74	3.84	2.52	15.17	1,459	302	252	232	110	664
Urbanized area	21.4	31.14	5.45	5.32	3.71	2.38	14.28	1,457	292	250	238	111	668
Urban cluster	1.5	2.19	0.60	0.42	Q	0.14	0.89	1,497	440	286	147	95	610
Rural	3.6	6.74	1.94	1.34	0.22	0.38	2.86	1,898	607	376	116	107	805
Metropolitan or micropolitan statistical area													
In metropolitan statistical area	24.1	36.41	6.69	6.37	3.99	2.69	16.66	1,508	318	264	231	112	690
In micropolitan statistical area	1.1	1.45	0.56	0.29	0.04	0.07	0.49	1,276	494	258	42	63	430
Not in metropolitan or micropolitan statistical area	1.1	2.21	Q	0.41	Q	Q	0.88	1,995	679	372	116	123	793
Climate region⁶													
Very cold/Cold	6.5	10.47	3.23	1.78	0.42	0.61	4.43	1,600	504	273	90	93	677
Mixed-humid	N	N	N	N	N	N	N	N	N	N	N	N	N
Mixed-dry/Hot-dry	12.7	18.89	2.35	3.04	3.21	1.49	8.80	1,484	221	240	319	117	692
Hot-humid	0.4	0.84	Q	0.18	0.23	0.08	0.35	1,883	Q	405	887	176	784
Marine	6.7	9.86	2.42	2.07	0.21	0.72	4.44	1,479	392	311	60	109	666

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All homes	26.4	40.06	7.99	7.08	4.06	2.90	18.03	1,518	344	269	220	110	683
Housing unit type													
Single-family detached	16.2	29.78	6.63	4.58	3.17	2.08	13.31	1,837	438	283	275	128	821
Single-family attached	1.6	1.97	0.33	0.39	0.20	0.16	0.89	1,240	233	246	178	98	561
Apartments in buildings with 2–4 units	1.9	1.81	0.25	0.47	0.13	0.15	0.81	972	151	255	106	82	435
Apartments in buildings with 5 or more units	5.3	4.40	0.35	1.10	0.47	0.41	2.07	831	92	209	127	77	390
Mobile homes	1.4	2.11	0.43	0.53	Q	0.11	0.95	1,471	352	367	Q	77	661
Ownership of housing unit													
Owned	15.4	27.54	5.92	4.24	3.01	1.97	12.40	1,790	419	276	277	128	806
Single-family	13.9	25.40	5.63	3.76	2.76	1.81	11.43	1,829	432	271	278	131	823
Apartments	0.6	0.78	0.03	0.15	0.19	0.08	0.33	1,358	103	264	487	142	574
Mobile homes	0.9	1.37	0.25	0.33	Q	0.07	0.64	1,474	321	356	Q	82	695
Rented ⁷	11.0	12.52	2.08	2.84	1.05	0.93	5.62	1,138	228	258	139	85	511
Single-family	3.9	6.35	1.33	1.21	0.61	0.42	2.77	1,623	379	311	225	108	709
Apartments	6.6	5.43	0.57	1.43	0.41	0.48	2.55	825	110	217	91	72	387
Mobile homes	0.5	0.74	0.18	0.20	Q	0.03	0.30	1,465	408	386	Q	67	600

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All homes	26.4	40.06	7.99	7.08	4.06	2.90	18.03	1,518	344	269	220	110	683
Year of construction													
Before 1950	3.4	5.14	1.37	0.94	0.29	0.35	2.19	1,533	439	282	144	104	653
1950 to 1959	2.8	3.86	0.84	0.68	0.27	0.26	1.80	1,394	346	246	172	96	651
1960 to 1969	2.9	3.84	0.77	0.78	0.33	0.29	1.67	1,321	348	268	184	100	574
1970 to 1979	4.7	6.81	1.27	1.26	0.79	0.51	2.98	1,453	317	269	237	109	635
1980 to 1989	3.9	5.10	0.75	0.95	0.51	0.41	2.48	1,307	223	244	174	106	635
1990 to 1999	3.9	6.61	1.24	1.13	0.84	0.48	2.92	1,690	346	288	294	124	747
2000 to 2009	4.1	7.48	1.48	1.11	0.95	0.52	3.42	1,842	393	276	279	127	842
2010 to 2015	0.8	1.22	0.27	0.22	0.09	0.07	0.57	1,532	362	278	155	94	710
Total square footage⁸													
Fewer than 1,000	7.4	6.93	0.97	1.71	0.48	0.57	3.20	934	166	230	97	77	431
1,000 to 1,499	6.2	8.36	1.51	1.75	0.78	0.61	3.70	1,353	273	284	185	99	599
1,500 to 1,999	3.9	6.50	1.40	1.15	0.58	0.46	2.90	1,645	397	292	218	116	736
2,000 to 2,499	3.1	5.79	1.22	0.84	0.70	0.43	2.61	1,848	411	268	308	138	832
2,500 to 2,999	1.9	3.81	0.99	0.50	0.45	0.25	1.63	2,044	567	267	325	133	874
3,000 or greater	3.8	8.67	1.91	1.12	1.08	0.58	3.98	2,259	524	295	360	150	1,037
Number of household members													
1 member	5.5	6.06	1.68	0.80	0.57	0.51	2.50	1,102	337	146	151	94	454
2 members	9.7	14.77	3.08	2.28	1.65	1.09	6.67	1,524	364	236	235	112	688
3 members	4.3	6.37	1.17	1.27	0.52	0.47	2.95	1,469	307	292	186	108	679
4 members	3.6	6.37	0.98	1.34	0.68	0.43	2.93	1,779	314	379	269	121	818
5 members	1.8	3.37	0.58	0.75	0.35	0.21	1.48	1,911	366	424	267	120	842
6 or more members	1.5	3.12	0.50	0.64	0.30	0.18	1.50	2,059	396	420	284	121	990

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All homes	26.4	40.06	7.99	7.08	4.06	2.90	18.03	1,518	344	269	220	110	683
2015 annual household income													
Less than \$20,000	5.0	5.73	1.32	1.23	0.50	0.38	2.31	1,157	306	248	155	77	465
\$20,000 to \$39,999	5.3	6.84	1.55	1.43	0.58	0.48	2.80	1,290	341	270	166	90	528
\$40,000 to \$59,999	3.6	4.95	0.90	0.91	0.52	0.39	2.24	1,370	282	251	199	107	620
\$60,000 to \$79,999	3.5	5.55	1.11	0.90	0.60	0.42	2.53	1,589	376	258	244	119	723
\$80,000 to \$99,999	2.4	3.90	0.87	0.67	0.29	0.29	1.78	1,634	382	281	181	123	744
\$100,000 to \$119,999	2.3	4.06	0.74	0.64	0.46	0.28	1.94	1,765	345	279	273	123	843
\$120,000 to \$139,999	1.2	2.41	0.41	0.42	0.29	0.18	1.11	1,932	372	340	328	143	890
\$140,000 or more	3.1	6.61	1.10	0.87	0.83	0.48	3.32	2,144	405	286	329	157	1,078
Payment method for energy bills													
All paid by household	23.7	37.05	7.61	6.40	3.68	2.66	16.71	1,561	360	270	221	112	704
Some paid by household, some included in rent or condo fee	1.1	0.96	0.11	0.22	0.10	0.09	0.45	905	128	204	154	86	422
All included in rent or condo fee	1.4	1.83	0.23	0.43	0.28	0.13	0.76	1,291	201	301	259	95	534
Some other method	0.2	0.22	Q	0.04	Q	0.01	0.12	1,331	Q	231	Q	68	685
Main heating fuel													
Natural gas	13.9	22.60	4.50	3.17	2.48	1.71	10.75	1,627	324	228	243	123	774
Electricity	7.8	10.61	2.73	2.34	1.00	0.69	3.84	1,352	348	299	168	88	489
Fuel oil/kerosene	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Propane	0.8	1.73	0.55	0.25	0.10	0.09	0.76	2,303	725	327	218	118	1,006

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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.