

Table CE1.5 Summary annual household site consumption and expenditures in the West—totals and intensities, 2015

	Number of housing units (million)	Site energy consumption ¹			Energy expenditures ¹				
		Total West ²	Total (trillion Btu)	Per household (million Btu)	Per household member (million Btu)	Per square foot (thousand Btu)	Total (billion dollars)	Per household (dollars)	Per household member (dollars)
All homes	26.4	1,581	59.9	22.3	33.4	40.06	1,518	565	0.85
Census division									
Mountain	8.5	631	74.1	28.7	36.9	13.94	1,638	634	0.82
Mountain North	4.2	357	84.0	31.4	38.7	6.74	1,586	593	0.73
Mountain South	4.3	274	64.3	25.8	34.9	7.20	1,688	678	0.92
Pacific	17.9	949	53.1	19.4	31.5	26.12	1,461	534	0.87
Census urban/rural classification³									
Urban	22.8	1,317	57.7	21.3	33.0	33.32	1,459	539	0.84
Urbanized area	21.4	1,213	56.7	21.0	32.5	31.14	1,457	540	0.83
Urban cluster	1.5	104	71.4	24.9	41.8	2.19	1,497	523	0.88
Rural	3.6	264	74.3	29.1	35.6	6.74	1,898	743	0.91
Metropolitan or micropolitan statistical area									
In metropolitan statistical area	24.1	1,403	58.1	21.5	32.8	36.41	1,508	559	0.85
In micropolitan statistical area	1.1	78	68.4	25.7	33.8	1.45	1,276	480	0.63
Not in metropolitan or micropolitan statistical area	1.1	100	90.4	36.6	46.6	2.21	1,995	808	1.03

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Climate region⁴									
Very cold/Cold	6.5	528	80.6	30.5	39.6	10.47	1,600	605	0.79
Mixed-humid	N	N	N	N	N	N	N	N	N
Mixed-dry/Hot-dry	12.7	660	51.8	19.3	31.1	18.89	1,484	552	0.89
Hot-humid	0.4	11	24.1	11.4	25.0	0.84	1,883	889	1.95
Marine	6.7	382	57.3	20.8	31.1	9.86	1,479	536	0.80
Housing unit type									
Single-family detached	16.2	1,213	74.8	26.2	32.6	29.78	1,837	644	0.80
Single-family attached	1.6	78	49.3	18.6	33.0	1.97	1,240	466	0.83
Apartments in buildings with 2–4 units	1.9	70	37.6	13.9	41.3	1.81	972	358	1.07
Apartments in buildings with 5 or more units	5.3	141	26.6	12.2	32.2	4.40	831	380	1.00
Mobile homes	1.4	78	54.6	20.6	48.4	2.11	1,471	555	1.30

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Ownership of housing unit									
Owned	15.4	1,108	72.0	27.0	32.0	27.54	1,790	671	0.79
Single-family	13.9	1,041	75.0	27.5	31.5	25.40	1,829	671	0.77
Apartments	0.6	16	28.8	16.7	27.7	0.78	1,358	786	1.31
Mobile homes	0.9	50	54.3	22.8	47.1	1.37	1,474	620	1.28
Rented ⁵	11.0	473	43.0	15.8	37.5	12.52	1,138	419	0.99
Single-family	3.9	250	64.0	19.8	38.1	6.35	1,623	502	0.97
Apartments	6.6	194	29.5	12.4	35.5	5.43	825	347	0.99
Mobile homes	0.5	28	55.3	17.6	50.8	0.74	1,465	466	1.35
Year of construction									
Before 1950	3.4	211	62.9	24.1	34.1	5.14	1,533	586	0.83
1950 to 1959	2.8	160	57.9	24.4	37.9	3.86	1,394	587	0.91
1960 to 1969	2.9	149	51.3	19.3	34.9	3.84	1,321	497	0.90
1970 to 1979	4.7	257	54.8	19.8	35.4	6.81	1,453	524	0.94
1980 to 1989	3.9	189	48.5	18.8	32.6	5.10	1,307	505	0.88
1990 to 1999	3.9	267	68.3	24.2	32.7	6.61	1,690	599	0.81
2000 to 2009	4.1	295	72.8	25.8	30.4	7.48	1,842	653	0.77
2010 to 2015	0.8	51	64.0	22.8	31.3	1.22	1,532	545	0.75

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All homes	26.4	1,581	59.9	22.3	33.4	40.06	1,518	565	0.85
Total square footage⁶									
Fewer than 1,000	7.4	251	33.8	14.7	46.2	6.93	934	405	1.27
1,000 to 1,499	6.2	329	53.2	19.4	43.3	8.36	1,353	493	1.10
1,500 to 1,999	3.9	256	64.9	22.8	37.5	6.50	1,645	578	0.95
2,000 to 2,499	3.1	229	73.0	26.4	32.7	5.79	1,848	669	0.83
2,500 to 2,999	1.9	162	86.7	32.4	31.7	3.81	2,044	764	0.75
3,000 or greater	3.8	354	92.2	29.6	23.1	8.67	2,259	725	0.57
Number of household members									
1 member	5.5	251	45.7	45.7	33.0	6.06	1,102	1,102	0.80
2 members	9.7	567	58.5	29.2	32.2	14.77	1,524	762	0.84
3 members	4.3	255	58.9	19.6	32.2	6.37	1,469	490	0.80
4 members	3.6	244	68.1	17.0	34.4	6.37	1,779	445	0.90
5 members	1.8	134	76.1	15.2	37.1	3.37	1,911	382	0.93
6 or more members	1.5	129	85.4	13.1	37.8	3.12	2,059	316	0.91

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All homes	26.4	1,581	59.9	22.3	33.4	40.06	1,518	565	0.85
2015 annual household income									
Less than \$20,000	5.0	222	44.9	19.0	39.2	5.73	1,157	490	1.01
\$20,000 to \$39,999	5.3	295	55.5	21.1	35.3	6.84	1,290	490	0.82
\$40,000 to \$59,999	3.6	201	55.6	21.5	33.5	4.95	1,370	530	0.83
\$60,000 to \$79,999	3.5	229	65.4	23.9	34.9	5.55	1,589	582	0.85
\$80,000 to \$99,999	2.4	158	66.4	24.3	34.0	3.90	1,634	599	0.84
\$100,000 to \$119,999	2.3	156	67.7	22.8	28.8	4.06	1,765	595	0.75
\$120,000 to \$139,999	1.2	95	75.8	25.3	30.9	2.41	1,932	646	0.79
\$140,000 or more	3.1	225	73.1	24.3	29.6	6.61	2,144	714	0.87
Payment method for energy bills									
All paid by household	23.7	1,482	62.4	22.8	33.1	37.05	1,561	571	0.83
Some paid by household, some included in rent or condo fee	1.1	35	32.8	13.6	35.8	0.96	905	374	0.99
All included in rent or condo fee	1.4	54	38.5	18.7	40.6	1.83	1,291	627	1.36
Some other method	0.2	10	57.1	19.5	43.5	0.22	1,331	456	1.01
Main heating fuel									
Natural gas	13.9	1,010	72.7	26.7	36.5	22.60	1,627	598	0.82
Electricity	7.8	361	46.0	17.7	29.3	10.61	1,352	521	0.86
Fuel oil/kerosene	Q	Q	Q	Q	Q	Q	Q	Q	Q
Propane	0.8	54	71.3	32.9	32.6	1.73	2,303	1,064	1.05

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¹Consumption and expenditures for biomass (wood), coal, district steam, and solar thermal are excluded. Electricity consumption from on-site solar photovoltaic generation (i.e., solar panels) is included.

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.

³Housing 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.

⁴These 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).

⁵Rented includes households that occupy their primary housing units without paying rent.

⁶Total 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.