

Table CE1.1 Summary annual household site consumption and expenditures in the U.S.—totals and intensities, 2015

	Number of housing units (million)	Site energy consumption ¹				Energy expenditures ¹			
		Total U.S. ² (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)	Per square foot (dollars)
All homes	118.2	9,114	77.1	30.3	38.4	219.34	1,856	728	0.92
Census region and division									
Northeast	21.0	1,984	94.4	38.1	45.2	47.66	2,269	915	1.09
New England	5.6	547	97.3	40.3	44.5	14.31	2,541	1,054	1.16
Middle Atlantic	15.4	1,436	93.4	37.3	45.5	33.36	2,169	866	1.06
Midwest	26.4	2,486	94.3	37.8	41.4	46.42	1,760	706	0.77
East North Central	18.1	1,755	97.0	38.1	43.1	31.88	1,762	693	0.78
West North Central	8.3	731	88.3	37.0	37.8	14.54	1,757	737	0.75
South	44.4	3,064	68.9	27.3	35.6	85.19	1,917	758	0.99
South Atlantic	23.5	1,584	67.5	27.0	33.8	46.09	1,963	787	0.98
East South Central	7.2	498	69.2	27.5	37.0	13.72	1,907	757	1.02
West South Central	13.8	981	71.3	27.6	38.1	25.38	1,843	713	0.98
West	26.4	1,581	59.9	22.3	33.4	40.06	1,518	565	0.85
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	94.7	7,181	75.8	29.9	39.2	167.97	1,773	700	0.92
Urbanized area	82.2	6,239	75.9	29.7	39.1	146.57	1,782	698	0.92
Urban cluster	12.5	942	75.2	31.4	40.4	21.40	1,710	714	0.92
Rural	23.5	1,933	82.4	31.6	35.5	51.37	2,190	841	0.94

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Metropolitan or micropolitan statistical area									
In metropolitan statistical area	98.5	7,577	76.9	30.0	38.2	181.34	1,840	717	0.91
In micropolitan statistical area	12.3	950	77.2	31.8	38.3	22.92	1,861	767	0.92
Not in metropolitan or micropolitan statistical area	7.4	586	79.7	32.0	41.3	15.08	2,050	823	1.06
Climate region⁴									
Very cold/Cold	42.5	4,004	94.2	37.8	42.3	79.60	1,874	751	0.84
Mixed-humid	33.5	2,705	80.7	31.4	38.9	69.92	2,086	812	1.01
Mixed-dry/Hot-dry	12.7	660	51.8	19.3	31.1	18.89	1,484	552	0.89
Hot-humid	22.8	1,363	59.7	24.1	34.3	41.06	1,800	728	1.03
Marine	6.7	382	57.3	20.8	31.1	9.86	1,479	536	0.80
Housing unit type									
Single-family detached	73.9	6,991	94.6	34.6	37.1	161.65	2,188	801	0.86
Single-family attached	7.0	491	70.0	28.6	39.5	11.23	1,602	655	0.90
Apartments in buildings with 2–4 units	9.4	503	53.5	22.3	52.5	12.48	1,329	555	1.30
Apartments in buildings with 5 or more units	21.1	724	34.2	17.3	38.8	22.10	1,045	529	1.18
Mobile homes	6.8	406	59.8	22.8	50.0	11.88	1,750	666	1.46

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All homes	118.2	9,114	77.1	30.3	38.4	219.34	1,856	728	0.92
Ownership of housing unit									
Owned	74.5	6,825	91.6	35.4	37.1	159.90	2,146	829	0.87
Single-family	66.2	6,347	95.9	36.5	36.5	146.21	2,208	840	0.84
Apartments	3.3	175	52.4	26.6	45.5	4.92	1,476	748	1.28
Mobile homes	5.0	304	61.1	24.6	49.9	8.77	1,768	712	1.44
Rented ⁵	43.7	2,289	52.4	21.2	42.7	59.43	1,360	550	1.11
Single-family	14.7	1,135	77.4	25.3	41.8	26.67	1,818	594	0.98
Apartments	27.2	1,052	38.7	18.2	43.1	29.66	1,090	514	1.22
Mobile homes	1.8	103	56.3	18.7	50.2	3.10	1,702	565	1.52
Year of construction									
Before 1950	20.8	1,842	88.7	35.5	44.1	39.48	1,901	762	0.94
1950 to 1959	12.6	1,067	84.4	34.5	45.2	23.52	1,861	760	1.00
1960 to 1969	12.8	961	75.0	32.0	40.0	22.50	1,756	750	0.94
1970 to 1979	18.3	1,290	70.3	27.9	39.8	32.36	1,765	700	1.00
1980 to 1989	16.0	1,053	65.7	27.3	35.9	27.99	1,747	725	0.95
1990 to 1999	16.8	1,317	78.3	29.1	35.9	32.57	1,937	719	0.89
2000 to 2009	17.0	1,328	78.2	28.0	32.7	34.21	2,013	721	0.84
2010 to 2015	3.8	257	67.0	23.9	28.5	6.72	1,755	626	0.75

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All homes	118.2	9,114	77.1	30.3	38.4	219.34	1,856	728	0.92
Total square footage⁶									
Fewer than 1,000	26.6	1,072	40.3	19.9	53.8	29.91	1,126	554	1.50
1,000 to 1,499	26.1	1,542	59.0	23.2	48.2	41.01	1,569	618	1.28
1,500 to 1,999	17.5	1,359	77.8	30.4	44.6	33.54	1,919	750	1.10
2,000 to 2,499	14.1	1,268	89.8	32.7	40.3	29.46	2,088	759	0.94
2,500 to 2,999	10.8	1,111	102.9	38.5	37.7	24.65	2,282	854	0.84
3,000 or greater	23.1	2,762	119.6	40.4	29.4	60.76	2,631	888	0.65
Number of household members									
1 member	28.7	1,591	55.3	55.3	36.6	37.91	1,319	1,319	0.87
2 members	42.7	3,229	75.6	37.8	36.6	78.96	1,849	924	0.90
3 members	19.4	1,643	84.6	28.2	39.9	39.02	2,009	670	0.95
4 members	15.5	1,472	94.9	23.7	40.2	35.27	2,274	569	0.96
5 members	7.2	698	97.1	19.4	42.2	16.80	2,338	468	1.02
6 or more members	4.6	481	103.8	15.7	42.0	11.38	2,457	371	0.99

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All homes	118.2	9,114	77.1	30.3	38.4	219.34	1,856	728	0.92
2015 annual household income									
Less than \$20,000	22.9	1,303	57.0	25.9	43.1	32.47	1,421	645	1.08
\$20,000 to \$39,999	27.3	1,882	68.9	29.3	40.7	44.49	1,629	692	0.96
\$40,000 to \$59,999	18.4	1,354	73.6	29.9	38.7	32.73	1,778	723	0.93
\$60,000 to \$79,999	15.2	1,218	80.0	29.9	37.0	29.55	1,940	725	0.90
\$80,000 to \$99,999	9.7	827	85.4	31.5	37.4	19.50	2,014	741	0.88
\$100,000 to \$119,999	8.1	733	90.4	30.6	34.2	17.74	2,187	739	0.83
\$120,000 to \$139,999	5.4	552	101.7	33.7	37.1	13.00	2,396	794	0.87
\$140,000 or more	11.2	1,244	111.2	36.8	36.0	29.87	2,669	884	0.86
Payment method for energy bills									
All paid by household	105.8	8,540	80.7	31.0	37.9	203.80	1,927	740	0.90
Some paid by household, some included in rent or condo fee	6.1	283	46.4	23.1	48.3	7.44	1,220	607	1.27
All included in rent or condo fee	5.5	241	44.0	21.4	46.1	6.92	1,262	614	1.32
Some other method	0.9	50	58.4	24.9	46.1	1.17	1,369	584	1.08
Main heating fuel									
Natural gas	57.7	5,517	95.7	37.0	43.1	108.13	1,875	726	0.84
Electricity	40.9	2,096	51.2	20.6	30.5	68.43	1,672	672	1.00
Fuel oil/kerosene	5.8	645	111.2	43.6	47.9	16.94	2,919	1,144	1.26
Propane	5.0	468	93.4	37.6	37.4	13.26	2,645	1,066	1.06

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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 U.S. includes all primary occupied housing units in the 50 states and the District of Columbia. 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.