

Table CE5.8 Detailed household natural gas and propane end-use expenditures—averages, 2015

	Average energy expenditures									
	Natural gas (dollars per household using the end use)						Propane (dollars per household using the end use)			
	Space heating ¹	Water heating	Clothes dryers ²	Cooking ³	Pool heaters	Hot tub heaters	Space heating ¹	Water heating	Clothes dryers ²	Cooking ³
All homes	448	197	22	34	119	41	658	394	54	79
Census region and division										
Northeast	614	229	26	41	Q	Q	986	453	60	105
New England	648	277	36	47	N	N	954	461	63	103
Middle Atlantic	606	218	24	40	Q	Q	1,013	447	Q	108
Midwest	520	164	17	27	57	29	723	324	44	56
East North Central	533	162	17	26	58	Q	818	327	41	55
West North Central	489	169	15	27	Q	Q	608	319	Q	56
South	385	202	31	37	166	42	531	400	56	75
South Atlantic	441	231	33	40	Q	69	577	489	Q	83
East South Central	391	228	24	38	Q	N	411	399	Q	70
West South Central	312	163	31	33	124	28	587	312	Q	66
West	285	205	23	31	123	49	501	396	55	68
Mountain	383	207	26	33	Q	Q	472	385	Q	50
Mountain North	434	212	20	33	Q	Q	664	Q	Q	Q
Mountain South	300	201	29	32	Q	Q	Q	402	Q	50
Pacific	225	203	22	30	122	41	528	406	69	81
Census urban/rural classification⁴										
Urban	444	197	22	33	121	43	617	482	69	84
Urbanized area	441	198	22	34	126	43	714	534	Q	89
Urban cluster	464	187	25	32	Q	Q	432	328	Q	71
Rural	495	201	28	38	Q	Q	672	366	51	77

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All homes	448	197	22	34	119	41	658	394	54	79
Metropolitan or micropolitan statistical area										
In metropolitan statistical area	445	198	22	34	122	43	725	418	57	74
In micropolitan statistical area	468	177	23	34	Q	Q	526	361	Q	87
Not in metropolitan or micropolitan statistical area	489	215	37	31	Q	Q	592	303	50	92
Climate region⁵										
Very cold/Cold	539	184	19	31	60	32	779	385	43	79
Mixed-humid	499	223	29	39	Q	23	644	435	71	77
Mixed-dry/Hot-dry	190	198	24	31	132	48	530	430	Q	79
Hot-humid	274	177	30	37	173	48	311	325	Q	89
Marine	284	221	21	31	Q	Q	495	384	Q	58
Housing unit type										
Single-family detached	515	206	23	33	121	43	712	392	57	87
Single-family attached	470	190	20	37	Q	Q	Q	Q	Q	Q
Apartments in buildings with 2–4 units	326	204	20	34	N	Q	Q	Q	N	Q
Apartments in buildings with 5 or more units	157	157	24	36	N	Q	Q	Q	N	Q
Mobile homes	364	200	27	27	N	Q	371	385	Q	44

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All homes	448	197	22	34	119	41	658	394	54	79
Ownership of housing unit										
Owned	512	200	22	33	120	42	689	399	51	80
Single-family	524	200	22	33	120	43	723	397	53	87
Apartments	356	206	23	34	N	Q	Q	Q	N	N
Mobile homes	373	167	28	28	N	Q	381	435	Q	47
Rented ⁶	304	192	24	35	Q	Q	467	372	Q	74
Single-family	446	230	26	35	Q	Q	553	359	Q	90
Apartments	201	169	21	35	N	Q	Q	420	N	Q
Mobile homes	Q	Q	Q	22	N	N	Q	Q	Q	Q
Year of construction										
Before 1950	524	195	20	36	Q	Q	876	410	70	87
1950 to 1959	494	185	21	32	Q	Q	834	372	Q	105
1960 to 1969	439	182	23	36	Q	Q	751	336	Q	87
1970 to 1979	402	181	18	31	86	56	644	405	Q	80
1980 to 1989	358	196	22	35	101	28	472	415	29	74
1990 to 1999	452	216	26	32	112	47	558	425	38	79
2000 to 2009	403	229	26	34	183	46	639	395	Q	63
2010 to 2015	389	209	33	35	Q	Q	595	344	Q	78

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All homes	448	197	22	34	119	41	658	394	54	79
Total square footage⁷										
Fewer than 1,000	207	160	19	31	N	Q	361	416	Q	80
1,000 to 1,499	346	206	20	35	N	Q	433	393	Q	60
1,500 to 1,999	438	199	21	36	Q	39	627	299	Q	81
2,000 to 2,499	500	209	22	32	Q	58	767	407	Q	90
2,500 to 2,999	570	201	25	33	152	69	602	376	50	84
3,000 or greater	616	216	25	35	114	33	841	419	68	82
Number of household members										
1 member	418	107	13	25	Q	Q	601	238	32	65
2 members	460	170	21	34	131	43	622	335	41	75
3 members	471	232	23	35	Q	Q	731	534	Q	94
4 members	431	284	28	36	112	41	754	629	Q	93
5 members	482	299	33	40	Q	Q	946	548	Q	80
6 or more members	444	349	33	48	Q	Q	550	Q	Q	88
2015 annual household income										
Less than \$20,000	357	177	22	36	N	Q	548	337	Q	66
\$20,000 to \$39,999	440	181	18	31	Q	Q	597	437	Q	83
\$40,000 to \$59,999	438	189	21	32	Q	27	603	415	Q	81
\$60,000 to \$79,999	444	191	25	36	Q	Q	655	340	Q	78
\$80,000 to \$99,999	468	209	19	32	Q	Q	782	376	Q	100
\$100,000 to \$119,999	487	226	26	36	Q	35	677	417	Q	73
\$120,000 to \$139,999	527	226	22	29	Q	60	680	342	Q	99
\$140,000 or more	525	232	27	36	133	46	848	478	76	80

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All homes	448	197	22	34	119	41	658	394	54	79
Payment method for energy bills										
All paid by household	472	201	22	33	121	41	661	392	54	79
Some paid by household, some included in rent or condo fee	222	164	31	41	Q	Q	Q	Q	N	Q
All included in rent or condo fee	248	173	21	34	N	Q	Q	Q	N	Q
Some other method	344	198	Q	24	N	N	Q	Q	N	Q

¹Includes main (primary) and secondary space heating.

²Excludes electricity used for controls and spinning the drum.

³Includes stoves (units with both a cooktop and an oven), separate cooktops, and separate ovens. Microwaves, small kitchen appliances, and outdoor cooking are excluded.

⁴Housing 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.

⁵These 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).

⁶Rented includes households that occupy their primary housing units without paying rent.

⁷Total 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.