

Table CE5.7a Detailed household electricity end-use expenditures, part 1—averages, 2015

	Average electricity expenditures ¹ (dollars per household using the end use)											
	Space heating ²	Air handlers for heating	Air conditioning	Air handlers for cooling	Evaporative coolers	Ceiling fans	Dehumidifiers	Humidifiers	Water heating	Clothes washers	Clothes dryers	Lighting
All homes	381	30	265	16	161	36	128	44	381	8	98	147
Census region and division												
Northeast	445	44	174	10	N	31	132	50	461	9	117	168
New England	385	53	127	8	N	38	134	49	473	10	127	171
Middle Atlantic	465	40	188	11	N	29	131	51	456	8	112	167
Midwest	425	51	148	9	N	32	116	43	374	8	101	147
East North Central	435	55	140	8	N	28	116	42	393	8	103	141
West North Central	407	43	166	10	N	39	113	46	339	7	99	159
South	384	15	392	22	202	41	137	39	368	7	91	144
South Atlantic	377	17	386	22	207	41	147	44	376	7	88	151
East South Central	437	13	304	16	Q	41	85	32	389	8	98	136
West South Central	366	14	447	25	Q	42	136	32	336	7	91	136
West	291	20	220	15	151	35	156	40	372	8	102	136
Mountain	287	24	272	17	126	41	102	39	348	7	88	133
Mountain North	344	34	107	7	93	31	Q	39	346	7	93	142
Mountain South	247	14	412	24	152	49	Q	40	349	7	81	124
Pacific	293	17	192	13	195	31	171	41	382	8	111	138
Census urban/rural classification³												
Urban	322	29	269	16	168	36	126	43	365	8	99	146
Urbanized area	312	29	279	17	171	37	127	44	363	8	98	148
Urban cluster	384	32	202	12	146	31	119	39	374	8	103	129
Rural	574	34	253	15	128	37	132	46	423	8	98	153

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Metropolitan or micropolitan statistical area												
In metropolitan statistical area	352	30	274	17	172	37	130	45	375	8	98	150
In micropolitan statistical area	488	33	195	11	Q	31	115	38	397	8	96	129
Not in metropolitan or micropolitan statistical area	525	30	270	16	72	34	119	43	417	9	106	135
Climate region⁴												
Very cold/Cold	398	50	120	8	100	30	120	44	393	8	102	146
Mixed-humid	519	25	262	15	Q	40	137	46	421	8	97	162
Mixed-dry/Hot-dry	194	11	319	19	196	39	125	38	350	9	114	136
Hot-humid	272	8	525	29	211	42	147	35	329	7	90	135
Marine	339	20	60	4	Q	25	199	44	398	8	99	143
Housing unit type												
Single-family detached	452	39	328	20	168	42	131	49	397	8	103	171
Single-family attached	319	22	211	11	Q	25	105	35	350	7	81	136
Apartments in buildings with 2–4 units	304	13	136	6	Q	17	80	25	363	7	92	109
Apartments in buildings with 5 or more units	201	6	126	6	193	16	129	23	317	7	87	100
Mobile homes	444	11	218	9	110	30	116	35	455	7	87	100

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Ownership of housing unit												
Owned	443	37	315	19	154	41	131	48	393	8	99	168
Single-family	453	40	326	20	160	42	131	49	392	8	99	174
Apartments	204	12	220	11	Q	21	130	31	306	8	104	153
Mobile homes	440	11	227	10	124	32	Q	31	433	7	87	98
Rented ⁵	296	15	174	10	177	23	106	29	365	8	98	111
Single-family	392	27	277	16	202	31	113	37	396	9	110	140
Apartments	232	8	117	6	185	15	91	22	332	7	86	96
Mobile homes	454	9	191	8	Q	26	Q	Q	514	8	89	106
Year of construction												
Before 1950	403	41	219	14	200	29	122	39	386	8	104	139
1950 to 1959	349	41	269	16	126	30	120	40	382	8	96	127
1960 to 1969	402	34	288	17	179	31	132	47	339	8	96	123
1970 to 1979	455	29	256	15	167	33	128	44	383	8	97	137
1980 to 1989	333	19	270	16	155	39	137	40	355	7	90	145
1990 to 1999	384	25	284	17	151	41	141	48	403	8	104	166
2000 to 2009	354	24	291	18	159	46	120	47	399	8	100	184
2010 to 2015	323	22	241	15	N	39	115	50	402	7	97	156
Total square footage⁶												
Fewer than 1,000	248	9	134	6	152	18	109	23	339	7	90	93
1,000 to 1,499	340	14	229	12	162	26	109	32	378	7	89	123
1,500 to 1,999	415	25	316	17	160	37	118	40	397	8	102	139
2,000 to 2,499	416	35	306	18	162	40	134	44	393	8	95	153
2,500 to 2,999	460	44	314	19	144	43	141	54	391	8	105	174
3,000 or greater	560	57	355	24	175	50	130	54	425	8	110	227

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All homes	381	30	265	16	161	36	128	44	381	8	98	147
Number of household members												
1 member	330	20	198	11	156	25	118	36	194	5	58	102
2 members	402	31	272	17	157	37	128	45	327	7	87	145
3 members	357	33	277	17	165	41	127	41	468	8	108	154
4 members	408	36	313	20	186	41	136	52	578	10	134	184
5 members	439	37	331	20	Q	41	144	44	656	12	150	208
6 or more members	450	41	293	19	151	43	109	44	719	13	158	200
2015 annual household income												
Less than \$20,000	357	18	198	11	160	25	118	31	347	7	83	96
\$20,000 to \$39,999	354	28	230	13	141	30	105	39	358	7	86	117
\$40,000 to \$59,999	350	28	267	15	211	34	119	37	375	8	94	132
\$60,000 to \$79,999	409	33	258	16	149	36	122	39	423	8	101	151
\$80,000 to \$99,999	362	36	287	17	155	42	144	44	403	8	103	160
\$100,000 to \$119,999	417	36	301	18	167	43	136	52	409	9	123	195
\$120,000 to \$139,999	463	40	360	22	Q	47	141	50	455	8	109	206
\$140,000 or more	522	43	382	25	Q	55	149	62	421	9	125	272
Payment method for energy bills												
All paid by household	391	32	278	17	159	37	128	45	384	8	99	151
Some paid by household, some included in rent or condo fee	263	12	137	7	Q	17	90	24	297	7	89	99
All included in rent or condo fee	300	12	171	9	Q	20	178	35	393	8	101	140
Some other method	301	29	182	11	Q	27	Q	Q	306	6	89	87

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¹Small amounts of standby power for devices that some households have but do not use (e.g., dishwasher) are not included.

²Includes main (primary) and secondary space heating.

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.