

Table CE3.7 Annual household end-use expenditures in the Northeast—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 North- east 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	21.0	47.66	17.56	7.00	3.09	2.49	17.52	2,269	850	335	174	120	834
Census division													
New England	5.6	14.31	5.74	2.13	0.53	0.69	5.21	2,541	1,046	379	127	124	926
Middle Atlantic	15.4	33.36	11.82	4.87	2.56	1.80	12.31	2,169	779	318	188	118	800
Census urban/rural classification⁵													
Urban	17.7	39.11	14.06	5.58	2.88	2.12	14.46	2,203	797	315	186	121	815
Urbanized area	15.6	34.66	12.23	4.82	2.76	1.89	12.97	2,223	786	310	200	123	831
Urban cluster	2.2	4.44	1.84	0.76	0.12	0.23	1.50	2,063	874	354	71	107	694
Rural	3.3	8.55	3.49	1.42	0.21	0.37	3.06	2,626	1,163	443	92	114	938
Metropolitan or micropolitan statistical area													
In metropolitan statistical area	18.4	41.70	15.00	5.92	2.98	2.21	15.59	2,264	824	323	185	121	846
In micropolitan statistical area	Q	Q	Q	Q	Q	Q	Q	2,369	977	443	76	115	834
Not in metropolitan or micropolitan statistical area	Q	Q	Q	Q	Q	Q	Q	2,215	1,138	382	54	100	618
Climate region⁶													
Very cold/Cold	13.9	31.76	12.28	4.67	1.49	1.57	11.75	2,282	903	337	132	113	844
Mixed-humid	7.1	15.90	5.28	2.33	1.61	0.92	5.76	2,244	748	331	248	132	813
Mixed-dry/Hot-dry	N	N	N	N	N	N	N	N	N	N	N	N	N
Hot-humid	N	N	N	N	N	N	N	N	N	N	N	N	N
Marine	N	N	N	N	N	N	N	N	N	N	N	N	N

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All homes	21.0	47.66	17.56	7.00	3.09	2.49	17.52	2,269	850	335	174	120	834
Housing unit type													
Single-family detached	10.8	31.19	12.66	3.93	1.94	1.43	11.24	2,887	1,205	366	204	132	1,040
Single-family attached	1.9	3.76	1.46	0.49	0.29	0.20	1.32	2,013	783	260	187	111	705
Apartments in buildings with 2–4 units	3.2	5.51	1.74	1.05	0.31	0.31	2.09	1,743	553	333	125	100	663
Apartments in buildings with 5 or more units	4.7	6.22	1.31	1.29	0.53	0.51	2.57	1,327	282	279	139	110	549
Mobile homes	0.5	0.99	0.39	0.24	0.03	0.04	0.30	2,022	791	485	62	89	602
Ownership of housing unit													
Owned	12.9	34.74	13.61	4.46	2.28	1.72	12.67	2,693	1,084	347	201	134	982
Single-family	11.1	31.46	12.69	3.86	2.05	1.49	11.38	2,824	1,171	348	207	134	1,022
Apartments	1.4	2.44	0.58	0.42	0.21	0.20	1.03	1,797	444	308	187	151	758
Mobile homes	0.4	0.84	0.34	0.18	0.02	0.04	0.26	2,080	846	449	63	96	636
Rented ⁷	8.1	12.93	3.95	2.54	0.82	0.77	4.85	1,594	487	315	127	96	598
Single-family	1.5	3.48	1.43	0.55	0.18	0.15	1.17	2,275	935	362	155	95	767
Apartments	6.5	9.29	2.47	1.93	0.63	0.62	3.64	1,431	381	299	122	97	561
Mobile homes	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q

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All homes	21.0	47.66	17.56	7.00	3.09	2.49	17.52	2,269	850	335	174	120	834
Year of construction													
Before 1950	7.3	15.63	5.86	2.24	1.14	0.80	5.59	2,141	817	310	193	111	766
1950 to 1959	3.0	7.20	2.94	0.91	0.57	0.37	2.42	2,440	995	307	212	124	820
1960 to 1969	2.4	5.87	2.17	0.74	0.44	0.30	2.22	2,406	896	304	214	128	909
1970 to 1979	2.5	5.37	2.12	0.88	0.30	0.27	1.81	2,151	862	352	144	107	724
1980 to 1989	2.1	4.56	1.44	0.77	0.25	0.25	1.84	2,174	708	368	136	120	880
1990 to 1999	1.7	4.24	1.51	0.61	0.22	0.24	1.65	2,489	905	364	146	146	970
2000 to 2009	1.6	4.12	1.29	0.69	0.16	0.23	1.75	2,519	819	423	111	139	1,067
2010 to 2015	0.4	0.67	0.23	0.15	0.02	0.03	0.23	1,756	617	400	54	85	614
Total square footage⁸													
Fewer than 1,000	5.5	7.34	1.84	1.54	0.48	0.55	2.92	1,343	338	284	111	104	535
1,000 to 1,499	3.7	6.74	2.15	1.27	0.39	0.39	2.54	1,822	587	343	125	106	686
1,500 to 1,999	1.9	4.55	1.82	0.60	0.33	0.23	1.57	2,454	1,004	327	193	127	849
2,000 to 2,499	2.4	6.05	2.42	0.89	0.42	0.29	2.03	2,525	1,047	370	202	121	846
2,500 to 2,999	2.5	6.74	2.72	0.86	0.44	0.32	2.41	2,652	1,098	337	205	125	948
3,000 or greater	5.1	16.25	6.61	1.85	1.03	0.71	6.05	3,217	1,338	368	234	141	1,197
Number of household members													
1 member	5.5	8.36	3.31	0.98	0.48	0.59	3.02	1,518	612	177	116	108	548
2 members	7.4	16.46	6.49	2.28	1.06	0.88	5.76	2,239	898	314	161	122	783
3 members	3.7	9.38	3.39	1.49	0.57	0.45	3.48	2,541	933	404	181	121	943
4 members	2.5	7.53	2.56	1.18	0.52	0.32	2.95	3,029	1,040	476	236	129	1,188
5 members	1.2	3.42	1.03	0.57	0.31	0.16	1.36	2,801	842	464	279	128	1,114
6 or more members	0.7	2.50	0.79	0.50	0.16	0.10	0.95	3,360	1,088	677	249	137	1,269

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All homes	21.0	47.66	17.56	7.00	3.09	2.49	17.52	2,269	850	335	174	120	834
2015 annual household income													
Less than \$20,000	4.2	7.22	2.64	1.24	0.38	0.39	2.58	1,709	627	292	122	95	610
\$20,000 to \$39,999	4.3	8.66	3.27	1.29	0.52	0.46	3.13	2,012	772	298	151	109	727
\$40,000 to \$59,999	2.9	6.26	2.25	1.03	0.38	0.34	2.26	2,166	795	356	155	117	783
\$60,000 to \$79,999	2.8	6.78	2.62	1.12	0.37	0.34	2.34	2,387	940	401	153	119	822
\$80,000 to \$99,999	1.6	3.79	1.30	0.52	0.27	0.22	1.47	2,348	828	326	177	139	914
\$100,000 to \$119,999	1.6	4.28	1.82	0.54	0.26	0.20	1.46	2,722	1,164	342	176	130	931
\$120,000 to \$139,999	1.2	3.32	1.27	0.42	0.28	0.16	1.19	2,730	1,052	348	255	130	976
\$140,000 or more	2.3	7.34	2.40	0.84	0.63	0.38	3.09	3,140	1,059	368	281	161	1,320
Payment method for energy bills													
All paid by household	16.3	40.62	15.70	5.59	2.55	2.00	14.78	2,492	984	344	182	123	907
Some paid by household, some included in rent or condo fee	2.7	4.04	1.07	0.81	0.32	0.32	1.52	1,489	395	300	141	121	562
All included in rent or condo fee	1.9	2.77	0.71	0.53	0.22	0.16	1.13	1,494	385	295	154	92	613
Some other method	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Main heating fuel													
Natural gas	11.4	23.66	7.84	2.84	2.00	1.42	9.56	2,075	687	249	200	126	839
Electricity	2.8	4.97	1.81	1.15	0.23	0.26	1.53	1,780	646	412	98	93	549
Fuel oil/kerosene	4.8	14.13	6.35	2.07	0.71	0.55	4.46	2,971	1,335	435	180	117	937
Propane	0.9	2.64	1.26	0.38	0.06	0.10	0.85	3,042	1,447	432	94	118	977

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All homes	21.0	47.66	17.56	7.00	3.09	2.49	17.52	2,269	850	335	174	120	834

¹Consumption and expenditures for biomass (wood), coal, district steam, and solar thermal are excluded.

²Total Northeast includes all primary occupied housing units in the Northeast 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.