

**Table CE2.7 Annual household fuel expenditures in the Northeast—totals and averages, 2015**

	Number of housing units (million)	Total energy expenditures <sup>1</sup> (billion dollars)					Average energy expenditures <sup>1</sup> (dollars per household using the fuel)				
		Total North- east <sup>2</sup>	Total	Electricity	Natural gas	Propane	Fuel oil/ kerosene	Total	Electricity	Natural gas	Propane
<b>All homes</b>	21.0	47.66	28.24	10.28	2.09	7.05	2,269	1,345	766	772	1,305
<b>Census division</b>											
New England	5.6	14.31	7.73	2.10	0.91	3.57	2,541	1,373	843	678	1,472
Middle Atlantic	15.4	33.36	20.51	8.18	1.17	3.49	2,169	1,334	749	866	1,169
<b>Census urban/rural classification<sup>3</sup></b>											
Urban	17.7	39.11	23.45	9.88	0.81	4.98	2,203	1,321	758	680	1,346
Urbanized area	15.6	34.66	21.03	8.93	0.63	4.07	2,223	1,349	751	804	1,379
Urban cluster	2.2	4.44	2.42	0.95	Q	0.91	2,063	1,122	831	432	1,217
Rural	3.3	8.55	4.80	0.40	1.28	2.07	2,626	1,472	1,062	844	1,216
<b>Metropolitan or micropolitan statistical area</b>											
In metropolitan statistical area	18.4	41.70	25.06	9.80	1.69	5.15	2,264	1,360	770	924	1,305
In micropolitan statistical area	Q	Q	Q	Q	Q	Q	2,369	1,373	762	467	1,222
Not in metropolitan or micropolitan statistical area	Q	Q	Q	Q	Q	Q	2,215	1,025	Q	433	1,385
<b>Climate region<sup>4</sup></b>											
Very cold/Cold	13.9	31.76	18.49	6.54	1.78	4.95	2,282	1,328	828	737	1,294
Mixed-humid	7.1	15.90	9.75	3.74	Q	2.10	2,244	1,376	677	Q	1,330
Mixed-dry/Hot-dry	N	N	N	N	N	N	N	N	N	N	N
Hot-humid	N	N	N	N	N	N	N	N	N	N	N
Marine	N	N	N	N	N	N	N	N	N	N	N

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<b>All homes</b>	21.0	47.66	28.24	10.28	2.09	7.05	2,269	1,345	766	772	1,305
<b>Housing unit type</b>											
Single-family detached	10.8	31.19	17.47	6.14	1.81	5.77	2,887	1,617	1,065	879	1,570
Single-family attached	1.9	3.76	2.17	1.38	Q	Q	2,013	1,164	929	Q	Q
Apartments in buildings with 2–4 units	3.2	5.51	3.55	1.44	Q	0.40	1,743	1,123	608	Q	814
Apartments in buildings with 5 or more units	4.7	6.22	4.41	1.19	Q	0.55	1,327	940	331	Q	613
Mobile homes	0.5	0.99	0.64	Q	Q	0.19	2,022	1,308	Q	Q	765
<b>Ownership of housing unit</b>											
Owned	12.9	34.74	20.05	7.21	1.92	5.56	2,693	1,555	981	837	1,456
Single-family	11.1	31.46	17.91	6.43	1.85	5.27	2,824	1,608	1,056	888	1,563
Apartments	1.4	2.44	1.63	0.67	Q	Q	1,797	1,201	616	Q	Q
Mobile homes	0.4	0.84	0.51	Q	Q	Q	2,080	1,277	Q	Q	Q
Rented <sup>5</sup>	8.1	12.93	8.19	3.07	Q	1.50	1,594	1,010	506	409	942
Single-family	1.5	3.48	1.74	1.10	Q	0.64	2,275	1,134	939	Q	1,628
Apartments	6.5	9.29	6.33	1.96	Q	0.85	1,431	975	402	Q	725
Mobile homes	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q

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		Total North- east <sup>2</sup>	Total	Electricity	Natural gas	Propane	Fuel oil/ kerosene	Total	Electricity	Natural gas	Propane
<b>All homes</b>	21.0	47.66	28.24	10.28	2.09	7.05	2,269	1,345	766	772	1,305
<b>Year of construction</b>											
Before 1950	7.3	15.63	8.86	4.02	0.39	2.37	2,141	1,213	735	668	1,315
1950 to 1959	3.0	7.20	3.71	1.76	Q	1.45	2,440	1,256	843	Q	1,504
1960 to 1969	2.4	5.87	3.38	1.31	Q	0.95	2,406	1,384	831	609	1,213
1970 to 1979	2.5	5.37	3.51	0.84	Q	0.79	2,151	1,406	714	678	1,337
1980 to 1989	2.1	4.56	3.00	0.53	0.18	0.84	2,174	1,430	497	732	1,191
1990 to 1999	1.7	4.24	2.75	0.91	0.29	0.30	2,489	1,612	993	862	1,252
2000 to 2009	1.6	4.12	2.66	0.82	0.30	0.35	2,519	1,628	860	863	1,099
2010 to 2015	0.4	0.67	0.39	Q	Q	N	1,756	1,013	Q	Q	N
<b>Total square footage<sup>6</sup></b>											
Fewer than 1,000	5.5	7.34	5.16	1.36	0.16	0.66	1,343	943	351	326	612
1,000 to 1,499	3.7	6.74	4.30	1.72	0.17	0.55	1,822	1,162	635	680	900
1,500 to 1,999	1.9	4.55	2.52	1.08	0.17	0.77	2,454	1,363	922	614	1,400
2,000 to 2,499	2.4	6.05	3.49	1.34	0.35	0.88	2,525	1,456	1,041	990	1,456
2,500 to 2,999	2.5	6.74	3.70	1.55	0.23	1.26	2,652	1,455	1,013	740	1,700
3,000 or greater	5.1	16.25	9.08	3.23	1.01	2.93	3,217	1,797	1,139	985	1,611
<b>Number of household members</b>											
1 member	5.5	8.36	4.98	1.89	0.43	1.05	1,518	904	513	515	906
2 members	7.4	16.46	9.62	3.26	0.91	2.68	2,239	1,309	765	785	1,289
3 members	3.7	9.38	5.41	2.19	0.31	1.47	2,541	1,465	897	908	1,459
4 members	2.5	7.53	4.49	1.54	Q	1.19	3,029	1,805	948	1,515	1,587
5 members	1.2	3.42	2.17	0.88	Q	Q	2,801	1,775	981	Q	Q
6 or more members	0.7	2.50	1.57	0.52	Q	Q	3,360	2,113	1,021	Q	Q

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		Total North- east <sup>2</sup>	Total	Electricity	Natural gas	Propane	Fuel oil/ kerosene	Total	Electricity	Natural gas	Propane
<b>All homes</b>	21.0	47.66	28.24	10.28	2.09	7.05	2,269	1,345	766	772	1,305
<b>2015 annual household income</b>											
Less than \$20,000	4.2	7.22	4.16	1.73	0.19	1.14	1,709	985	605	386	954
\$20,000 to \$39,999	4.3	8.66	4.91	2.25	0.37	1.13	2,012	1,141	731	772	1,313
\$40,000 to \$59,999	2.9	6.26	3.57	1.30	0.31	1.08	2,166	1,236	758	916	1,216
\$60,000 to \$79,999	2.8	6.78	4.26	0.94	0.37	1.21	2,387	1,500	730	765	1,421
\$80,000 to \$99,999	1.6	3.79	2.31	0.84	Q	0.55	2,348	1,433	811	Q	1,504
\$100,000 to \$119,999	1.6	4.28	2.60	1.05	0.24	0.40	2,722	1,651	1,134	842	1,594
\$120,000 to \$139,999	1.2	3.32	1.97	0.72	Q	0.49	2,730	1,618	850	Q	1,563
\$140,000 or more	2.3	7.34	4.46	1.45	Q	1.06	3,140	1,906	869	999	1,551
<b>Payment method for energy bills</b>											
All paid by household	16.3	40.62	23.65	8.92	1.91	6.13	2,492	1,451	912	837	1,452
Some paid by household, some included in rent or condo fee	2.7	4.04	2.37	0.73	Q	0.81	1,489	874	340	Q	828
All included in rent or condo fee	1.9	2.77	2.07	0.56	Q	Q	1,494	1,118	406	Q	Q
Some other method	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Main heating fuel</b>											
Natural gas	11.4	23.66	13.85	9.78	Q	Q	2,075	1,215	858	Q	Q
Electricity	2.8	4.97	4.68	0.13	0.14	Q	1,780	1,674	169	634	Q
Fuel oil/kerosene	4.8	14.13	6.77	0.27	0.31	6.78	2,971	1,423	278	321	1,425
Propane	0.9	2.64	1.19	Q	1.42	Q	3,042	1,369	Q	1,638	Q

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

<sup>2</sup>Total 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.

<sup>3</sup>Housing 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.

<sup>4</sup>These 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).

<sup>5</sup>Rented includes households that occupy their primary housing units without paying rent.

<sup>6</sup>Total 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.