

Data release date: June 2023  
 Revised data release date: March 2024

**Table CE3.7 Annual household site end-use expenditures in the Northeast—totals and averages, 2020**

	Number of housing units (million)	Total energy expenditures <sup>a</sup> (billion dollars)						Average energy expenditures <sup>a</sup> (dollars per household using the end use)					
		Total North-east <sup>b</sup>	Total	Space heating <sup>c</sup>	Water heating	Air conditioning	Refrigerators	Other <sup>d</sup>	Total	Space heating <sup>c</sup>	Water heating	Air conditioning	Refrigerators
<b>All homes</b>	21.92	49.60	16.66	7.40	4.77	2.88	17.89	2,263	769	339	245	132	816
<b>Census division</b>													
New England	5.88	14.92	5.31	2.08	1.16	0.86	5.51	2,539	914	357	234	147	937
Middle Atlantic	16.04	34.68	11.35	5.32	3.61	2.02	12.38	2,162	715	333	248	127	772
<b>Census urban/rural classification<sup>e</sup></b>													
Urban	18.56	40.72	13.16	6.16	4.28	2.45	14.68	2,194	715	333	255	133	791
Urbanized area	17.30	38.12	12.06	5.80	4.09	2.31	13.86	2,203	703	336	259	135	801
Urban cluster	1.25	2.60	1.10	0.36	0.19	0.13	0.83	2,076	882	287	185	106	659
Rural	3.36	8.88	3.51	1.24	0.50	0.43	3.21	2,640	1,072	372	182	128	953
<b>Climate region<sup>f</sup></b>													
Very cold and Cold	13.69	30.83	11.18	4.18	2.48	1.73	11.27	2,252	825	307	209	128	823
Mixed-humid	8.23	18.77	5.49	3.22	2.30	1.14	6.62	2,281	675	393	300	140	804
Mixed-dry and 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
<b>Housing unit type</b>													
Single-family detached	11.23	31.13	11.39	3.76	2.78	1.66	11.54	2,773	1,022	336	275	148	1,028
Single-family attached	1.95	4.03	1.37	0.60	0.44	0.25	1.36	2,060	704	308	254	129	695
Apartments in buildings with 2–4 units	3.15	5.71	1.72	1.03	0.62	0.36	1.98	1,814	549	330	230	116	630

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	Number of housing units (million)	Total energy expenditures <sup>a</sup> (billion dollars)						Average energy expenditures <sup>a</sup> (dollars per household using the end use)					
		Total	Space heating <sup>c</sup>	Water heating	Air conditioning	Refrigerators	Other <sup>d</sup>	Total	Space heating <sup>c</sup>	Water heating	Air conditioning	Refrigerators	Other <sup>d</sup>
<b>All homes</b>	21.92	49.60	16.66	7.40	4.77	2.88	17.89	2,263	769	339	245	132	816
Apartments in buildings with 5 or more units	5.10	7.71	1.79	1.80	0.87	0.56	2.71	1,514	357	354	192	111	531
Mobile homes	0.50	1.02	0.41	0.21	0.06	0.05	0.30	2,054	870	431	140	94	604
<b>Ownership of housing unit</b>													
Owned	13.77	36.22	12.88	4.64	3.35	2.02	13.33	2,631	944	339	268	147	968
Single-family	11.89	32.28	11.71	3.92	2.94	1.76	11.95	2,715	992	331	272	149	1,005
Apartments	1.50	3.16	0.85	0.57	0.37	0.23	1.15	2,104	567	384	267	151	764
Mobile homes	0.38	0.79	0.32	0.15	0.04	0.04	0.24	2,080	914	411	138	96	624
Rented <sup>e</sup>	8.15	13.38	3.79	2.76	1.42	0.85	4.56	1,641	471	339	203	106	559
Single-family	1.29	2.88	1.05	0.44	0.29	0.15	0.95	2,233	813	343	270	116	738
Apartments	6.74	10.26	2.65	2.26	1.11	0.69	3.54	1,522	400	336	192	104	525
Mobile homes	0.12	0.24	0.09	0.06	0.02	0.01	0.06	1,971	736	491	148	89	541
<b>Year of construction</b>													
Before 1950	7.15	16.20	5.90	2.39	1.53	0.93	5.45	2,266	834	335	251	131	763
1950 to 1959	3.02	7.32	2.61	1.05	0.79	0.40	2.46	2,422	874	350	284	133	814
1960 to 1969	2.56	5.93	1.96	0.83	0.62	0.35	2.17	2,315	766	323	273	137	846
1970 to 1979	2.62	5.59	1.95	0.83	0.54	0.32	1.96	2,134	750	316	226	123	748
1980 to 1989	2.20	4.79	1.55	0.73	0.44	0.28	1.78	2,174	724	337	228	126	808
1990 to 1999	1.80	4.07	1.16	0.65	0.37	0.25	1.64	2,262	649	363	228	139	911
2000 to 2009	1.58	3.76	1.05	0.59	0.32	0.23	1.58	2,385	672	379	220	147	1,002
2010 to 2015	0.56	1.07	0.25	0.19	0.09	0.07	0.46	1,893	449	337	168	133	824
2016 to 2020	0.43	0.88	0.23	0.14	0.06	0.06	0.39	2,049	561	337	154	133	900
<b>Total square footage<sup>h</sup></b>													

**Table CE3.7 Annual household site end-use expenditures in the Northeast—totals and averages, 2020**

	Number of housing units (million)	Total energy expenditures <sup>a</sup> (billion dollars)						Average energy expenditures <sup>a</sup> (dollars per household using the end use)					
		Total North-east <sup>b</sup>	Space heating <sup>c</sup>	Water heating	Air conditioning	Refrigerators	Other <sup>d</sup>	Total	Space heating <sup>c</sup>	Water heating	Air conditioning	Refrigerators	Other <sup>d</sup>
<b>All homes</b>	21.92	49.60	16.66	7.40	4.77	2.88	17.89	2,263	769	339	245	132	816
Less than 1,000	6.04	9.33	2.40	2.05	0.96	0.65	3.28	1,545	405	341	183	109	543
1,000 to 1,499	4.39	8.65	2.80	1.48	0.86	0.51	3.00	1,970	646	340	223	117	682
1,500 to 1,999	3.56	8.29	2.99	1.12	0.76	0.48	2.94	2,330	845	316	246	134	827
2,000 to 2,499	2.71	6.80	2.43	0.86	0.66	0.38	2.46	2,509	900	316	264	141	910
2,500 to 2,999	1.90	5.23	1.90	0.66	0.49	0.28	1.90	2,753	1,003	352	276	149	1,000
3,000 or more	3.33	11.31	4.14	1.23	1.05	0.58	4.31	3,400	1,262	372	343	173	1,296
<b>Number of household members</b>													
1 member	6.02	9.63	3.63	1.42	0.85	0.65	3.09	1,599	612	237	167	109	512
2 members	7.96	17.76	6.30	2.45	1.66	1.04	6.31	2,232	801	309	235	131	793
3 members	3.53	9.14	2.95	1.44	0.89	0.48	3.38	2,592	841	410	277	137	958
4 members	2.76	7.85	2.27	1.25	0.84	0.44	3.05	2,846	829	458	321	159	1,106
5 members	0.91	2.83	0.80	0.46	0.28	0.15	1.14	3,102	882	503	325	165	1,246
6 or more members	0.75	2.40	0.72	0.37	0.25	0.13	0.93	3,212	986	519	376	170	1,241
<b>2020 annual household income</b>													
Less than \$5,000	0.66	1.29	0.38	0.24	0.14	0.08	0.45	1,954	620	369	273	122	681
\$5,000 to \$9,999	0.69	1.11	0.34	0.23	0.10	0.07	0.37	1,621	503	339	194	100	543
\$10,000 to \$19,999	1.77	2.98	1.10	0.51	0.28	0.18	0.90	1,684	634	292	198	104	507
\$20,000 to \$39,999	3.36	6.19	2.18	0.99	0.54	0.36	2.12	1,842	654	296	189	110	630
\$40,000 to \$59,999	3.04	6.10	2.21	0.94	0.54	0.38	2.05	2,008	730	308	198	124	674
\$60,000 to \$99,999	5.03	11.46	3.93	1.73	1.07	0.65	4.07	2,278	792	346	243	129	810
\$100,000 to \$149,999	3.29	8.20	2.60	1.23	0.81	0.48	3.07	2,493	796	378	262	148	934
\$150,000 or more	4.09	12.27	3.92	1.53	1.29	0.68	4.86	3,001	966	374	325	166	1,189
<b>Payment method for energy bills</b>													

**Table CE3.7 Annual household site end-use expenditures in the Northeast—totals and averages, 2020**

	Number of housing units (million)	Total energy expenditures <sup>a</sup> (billion dollars)						Average energy expenditures <sup>a</sup> (dollars per household using the end use)					
		Total North- east <sup>b</sup>	Total	Space heating <sup>c</sup>	Water heating	Air condi- tioning	Refrig- erators	Other <sup>d</sup>	Total	Space heating <sup>c</sup>	Water heating	Air condi- tioning	Refrig- erators
<b>All homes</b>	21.92	49.60	16.66	7.40	4.77	2.88	17.89	2,263	769	339	245	132	816
All paid by household	18.00	43.03	14.99	5.95	4.02	2.42	15.64	2,390	841	332	250	135	869
Some paid by household, some included in rent or condo fee	2.54	4.38	1.07	0.97	0.50	0.31	1.54	1,726	428	384	219	122	606
All included in rent or condo fee	1.32	2.08	0.57	0.46	0.24	0.14	0.67	1,575	439	352	222	109	507
Some other method	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Main heating fuel</b>													
Natural gas	12.24	26.77	8.42	3.72	2.96	1.71	9.96	2,187	688	305	268	140	814
Electricity	3.99	6.70	2.23	1.32	0.68	0.38	2.09	1,679	559	333	188	96	524
Fuel oil or kerosene	4.07	12.20	4.70	1.65	0.91	0.59	4.37	3,000	1,155	406	253	145	1,074
Propane	0.99	2.84	1.20	0.46	0.14	0.13	0.91	2,879	1,214	463	172	130	926
Wood	0.47	0.88	0.11	0.20	0.07	0.06	0.44	1,877	307	456	192	127	942
Some other fuel <sup>i</sup>	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Does not use heating equipment	0.12	0.15	N	0.04	Q	0.01	0.08	1,223	N	356	Q	105	678

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		Total North-east <sup>b</sup>	Space heating <sup>c</sup>	Water heating	Air conditioning	Refrigerators	Other <sup>d</sup>	Total	Space heating <sup>c</sup>	Water heating	Air conditioning	Refrigerators	Other <sup>d</sup>
<b>All homes</b>	21.92	49.60	16.66	7.40	4.77	2.88	17.89	2,263	769	339	245	132	816

Data source: U.S. Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Forms EIA-457A, D, E, F, G of the *2020 Residential Energy Consumption Survey*  
 Notes: Because of rounding, data may not sum to totals. See RECS Terminology for definition of terms used in these tables.

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

<sup>b</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>c</sup> Includes main (primary) and secondary space heating.

<sup>d</sup> Includes end uses not shown in this table. A more detailed breakout of end uses is shown in the *CE5* tables.

<sup>e</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>f</sup> The Building America program, sponsored by the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy (EERE), created these climate regions. We combined climate regions for this publication. The Subarctic region is included with data for *Very-cold and Cold*.

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

<sup>h</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 of the home is based on respondent reports. Previous RECS cycles calculated square footage based on interviewer measurements. For households that did not report an exact square footage estimate, the square footage of the home was imputed based on a reported square footage range and/or characteristics of the home. See *2020 RECS Square Footage Methodology* for full details about data collection and processing.

<sup>i</sup> *Some other fuel* includes coal and district steam.

Q = Data withheld because either the relative standard error (RSE) was greater than 50% or fewer than 10 households in reporting sample.

N = No households in reporting sample.

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**Relative standard errors (RSEs) for Table CE3.7 Annual household site end-use expenditures in the Northeast—totals and averages, 2020**

	RSEs for number of housing units	RSEs for total energy expenditures <sup>a</sup>						RSEs for average energy expenditures <sup>a</sup>					
		Total North-east <sup>b</sup>	Space heating <sup>c</sup>	Water heating	Air conditioning	Refrigerators	Other <sup>d</sup>	Total	Space heating <sup>c</sup>	Water heating	Air conditioning	Refrigerators	Other <sup>d</sup>
<b>All homes</b>	0.00	0.88	1.20	1.66	1.92	0.98	1.41	0.88	1.24	1.64	1.71	0.96	1.41
<b>Census division</b>													
New England	0.00	1.25	1.78	2.03	2.75	1.67	1.92	1.25	1.79	2.00	2.68	1.63	1.92
Middle Atlantic	0.00	1.26	1.54	2.16	2.38	1.27	2.06	1.26	1.57	2.15	2.13	1.25	2.06
<b>Census urban/rural classification<sup>e</sup></b>													
Urban	0.56	1.12	1.52	2.01	2.15	1.27	1.62	1.05	1.41	2.01	1.95	1.09	1.65
Urbanized area	0.59	1.35	1.57	2.26	2.22	1.37	1.85	1.16	1.50	2.15	1.98	1.12	1.69
Urban cluster	6.76	7.69	8.90	8.34	10.27	7.96	8.63	3.41	5.41	4.83	7.28	4.29	5.62
Rural	3.09	2.89	3.84	3.98	5.82	3.33	3.48	1.96	3.16	2.94	4.89	2.34	3.02
<b>Climate region<sup>f</sup></b>													
Very cold and Cold	1.29	1.42	1.65	1.99	2.61	1.66	1.91	0.85	1.41	1.50	1.85	1.05	1.48
Mixed-humid	2.15	2.83	3.18	3.78	3.21	2.97	3.56	1.78	2.38	3.18	2.58	1.78	2.60
Mixed-dry and Hot-dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hot-humid	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Marine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Housing unit type</b>													
Single-family detached	0.00	0.98	1.43	1.87	2.21	1.20	1.46	0.98	1.42	1.85	2.10	1.18	1.46
Single-family attached	0.00	2.58	3.73	3.95	6.21	4.09	4.01	2.58	3.74	3.94	6.03	4.01	4.01
Apartments in buildings with 2–4 units	0.00	3.30	4.46	3.05	6.69	4.08	6.70	3.30	4.35	3.06	5.76	4.12	6.70

**Relative standard errors (RSEs) for Table CE3.7 Annual household site end-use expenditures in the Northeast—totals and averages, 2020**

	RSEs for number of housing units	RSEs for total energy expenditures <sup>a</sup>						RSEs for average energy expenditures <sup>a</sup>					
		Total Northeast <sup>b</sup>	Space heating <sup>c</sup>	Water heating	Air conditioning	Refrigerators	Other <sup>d</sup>	Total	Space heating <sup>c</sup>	Water heating	Air conditioning	Refrigerators	Other <sup>d</sup>
<b>All homes</b>	0.00	0.88	1.20	1.66	1.92	0.98	1.41	0.88	1.24	1.64	1.71	0.96	1.41
Apartments in buildings with 5 or more units	0.00	2.81	4.39	4.58	4.48	2.17	3.13	2.81	4.36	4.62	4.12	2.07	3.13
Mobile homes	0.00	3.93	6.77	8.18	8.76	6.23	7.08	3.93	7.59	7.58	7.59	6.06	7.08
<b>Ownership of housing unit</b>													
Owned	1.01	1.49	1.59	2.16	2.66	1.54	1.99	0.98	1.26	1.82	2.03	1.12	1.59
Single-family	0.74	1.30	1.56	2.01	2.35	1.26	1.68	0.95	1.32	1.76	1.92	1.05	1.41
Apartments	8.09	10.89	11.05	10.72	11.86	10.18	14.17	6.83	7.00	7.89	7.67	4.98	11.07
Mobile homes	6.90	8.35	10.97	11.76	13.03	10.24	10.26	4.72	8.41	9.46	9.16	7.78	8.29
Rented <sup>e</sup>	1.70	2.75	3.87	3.54	3.86	2.66	3.25	1.84	3.23	3.00	2.70	1.82	2.51
Single-family	6.82	8.03	9.89	8.49	10.41	8.26	9.08	4.09	6.80	5.43	5.85	5.91	6.16
Apartments	1.80	2.98	4.19	4.06	4.52	2.80	3.52	2.09	3.70	3.52	3.34	1.88	2.76
Mobile homes	21.86	21.66	23.12	24.61	29.16	20.89	22.25	10.08	14.70	14.83	18.50	7.43	11.04
<b>Year of construction</b>													
Before 1950	0.00	1.83	2.54	3.25	3.26	2.18	3.02	1.83	2.58	3.20	2.94	2.11	3.02
1950 to 1959	0.00	2.92	3.24	5.33	5.90	2.71	3.72	2.92	3.18	5.29	5.60	2.60	3.72
1960 to 1969	0.00	3.16	4.82	5.84	5.47	3.59	4.25	3.16	4.82	5.86	5.37	3.59	4.25
1970 to 1979	0.00	2.70	4.33	3.17	4.22	2.72	3.65	2.70	4.34	3.15	4.04	2.74	3.65
1980 to 1989	0.00	3.05	4.69	4.81	4.44	3.31	3.95	3.05	4.80	4.76	4.16	3.24	3.95
1990 to 1999	0.00	3.28	4.71	4.52	6.21	3.36	4.18	3.28	4.65	4.43	5.72	3.36	4.18
2000 to 2009	0.00	4.39	5.32	5.22	6.63	3.80	6.06	4.39	5.31	5.18	6.64	3.70	6.06
2010 to 2015	7.00	7.82	9.73	9.58	11.88	8.13	8.50	4.93	8.25	6.77	8.83	4.67	6.30
2016 to 2020	9.20	12.27	15.17	12.68	13.88	13.06	14.19	8.09	11.64	7.85	10.08	8.97	11.40

**Relative standard errors (RSEs) for Table CE3.7 Annual household site end-use expenditures in the Northeast—totals and averages, 2020**

	RSEs for number of housing units	RSEs for total energy expenditures <sup>a</sup>						RSEs for average energy expenditures <sup>a</sup>					
		Total Northeast <sup>b</sup>	Space heating <sup>c</sup>	Water heating	Air conditioning	Refrigerators	Other <sup>d</sup>	Total	Space heating <sup>c</sup>	Water heating	Air conditioning	Refrigerators	Other <sup>d</sup>
<b>All homes</b>	0.00	0.88	1.20	1.66	1.92	0.98	1.41	0.88	1.24	1.64	1.71	0.96	1.41
<b>Total square footage<sup>h</sup></b>													
Less than 1,000	2.12	3.17	4.10	4.62	3.97	2.77	3.87	2.23	3.66	3.95	2.70	1.97	3.01
1,000 to 1,499	3.75	4.06	5.28	5.11	5.11	4.75	4.40	2.21	3.45	3.98	4.02	2.77	3.17
1,500 to 1,999	3.87	3.67	3.93	4.35	5.04	4.64	4.45	1.75	2.35	3.33	4.58	2.83	2.56
2,000 to 2,499	4.21	4.35	4.87	5.68	6.01	4.69	4.69	1.72	2.48	3.38	4.18	3.01	3.08
2,500 to 2,999	5.59	5.84	6.67	7.21	7.83	6.47	5.86	2.20	3.55	4.75	4.66	3.33	3.20
3,000 or more	3.86	3.92	4.32	5.14	5.50	3.96	4.53	1.88	2.73	3.39	3.71	2.37	3.09
<b>Number of household members</b>													
1 member	2.99	4.03	4.77	5.52	4.92	3.63	4.39	2.05	3.28	4.09	3.39	1.62	2.64
2 members	2.54	2.86	3.04	3.66	4.16	3.01	3.14	1.66	2.25	2.64	2.86	1.76	2.08
3 members	3.66	4.20	4.65	6.28	5.51	4.82	4.46	2.05	2.97	4.87	3.45	2.88	2.79
4 members	5.11	5.47	5.79	5.82	6.81	6.06	6.03	2.55	3.42	2.98	4.34	3.66	3.56
5 members	8.00	8.11	8.21	9.48	11.03	8.79	9.64	3.99	4.68	4.86	7.74	5.04	7.06
6 or more members	10.62	10.89	12.93	11.83	13.63	12.55	13.44	5.13	11.35	6.57	8.42	6.41	7.60
<b>2020 annual household income</b>													
Less than \$5,000	12.39	13.97	18.77	15.22	17.04	15.65	14.67	7.89	13.97	8.28	12.31	9.35	10.92
\$5,000 to \$9,999	10.11	12.34	13.35	16.19	17.58	13.03	13.35	5.98	9.27	11.74	11.21	6.84	7.36
\$10,000 to \$19,999	7.27	8.01	8.68	9.08	13.91	8.95	8.58	3.38	6.17	4.92	8.76	4.32	4.24
\$20,000 to \$39,999	5.04	5.46	5.53	6.72	7.76	6.10	6.15	2.57	3.56	4.36	4.85	3.47	3.59
\$40,000 to \$59,999	4.76	4.86	5.39	6.17	6.88	5.30	5.01	2.40	3.80	3.75	4.21	2.91	2.86
\$60,000 to \$99,999	3.55	3.79	4.16	5.15	5.45	4.39	4.02	1.66	2.47	3.67	3.21	2.18	2.54
\$100,000 to \$149,999	3.99	4.88	4.89	6.43	6.29	5.01	5.53	2.60	3.49	4.73	3.68	2.78	3.32



**Relative standard errors (RSEs) for Table CE3.7 Annual household site end-use expenditures in the Northeast—totals and averages, 2020**

	RSEs for number of housing units	RSEs for total energy expenditures <sup>a</sup>						RSEs for average energy expenditures <sup>a</sup>					
		Total Northeast <sup>b</sup>	Space heating <sup>c</sup>	Water heating	Air conditioning	Refrigerators	Other <sup>d</sup>	Total	Space heating <sup>c</sup>	Water heating	Air conditioning	Refrigerators	Other <sup>d</sup>
<b>All homes</b>	0.00	0.88	1.20	1.66	1.92	0.98	1.41	0.88	1.24	1.64	1.71	0.96	1.41
\$150,000 or more	3.22	3.72	3.90	4.54	4.58	3.64	4.29	2.24	2.59	3.17	3.14	1.97	3.16
<b>Payment method for energy bills</b>													
All paid by household	0.77	1.01	1.30	1.57	2.05	1.30	1.59	0.88	1.31	1.45	1.75	1.11	1.49
Some paid by household, some included in rent or condo fee	5.15	6.59	8.10	7.85	7.55	5.87	7.23	4.16	5.73	6.22	5.70	3.32	5.21
All included in rent or condo fee	7.09	9.15	9.51	13.51	12.33	8.36	9.35	5.37	7.10	10.78	8.46	5.33	5.67
Some other method	37.55	37.13	39.47	38.84	47.81	41.73	38.89	14.68	26.13	17.84	15.80	23.90	19.89
<b>Main heating fuel</b>													
Natural gas	1.51	1.80	1.92	3.05	2.95	1.99	2.28	1.36	1.65	2.66	2.50	1.47	1.93
Electricity	4.25	5.41	6.30	5.53	7.07	5.44	6.11	2.79	4.88	2.93	4.52	2.39	3.47
Fuel oil or kerosene	3.90	3.67	4.15	4.38	6.01	4.07	4.05	1.55	2.57	3.08	3.70	2.10	2.53
Propane	8.29	8.82	10.79	7.56	10.71	9.27	8.54	3.51	5.36	4.75	6.84	3.72	4.50
Wood	10.55	11.84	17.60	12.19	18.27	12.46	11.82	5.21	14.62	5.20	13.03	6.60	5.36
Some other fuel <sup>l</sup>	39.10	40.17	75.71	41.20	66.73	40.62	43.80	15.35	74.36	17.69	43.85	16.38	26.72
Does not use heating equipment	27.39	31.50	0.00	35.36	43.91	27.16	37.37	15.20	0.00	19.78	29.80	7.64	26.75

## Relative standard errors (RSEs) for Table CE3.7 Annual household site end-use expenditures in the Northeast—totals and averages, 2020

	RSEs for number of housing units	RSEs for total energy expenditures <sup>a</sup>						RSEs for average energy expenditures <sup>a</sup>						
		Total North-east <sup>b</sup>	Total	Space heating <sup>c</sup>	Water heating	Air conditioning	Refrigerators	Other <sup>d</sup>	Total	Space heating <sup>c</sup>	Water heating	Air conditioning	Refrigerators	Other <sup>d</sup>
<b>All homes</b>	0.00	0.88	1.20	1.66	1.92	0.98	1.41	0.88	1.24	1.64	1.71	0.96	1.41	

Data source: U.S. Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Forms EIA-457A, D, E, F, G of the *2020 Residential Energy Consumption Survey*  
 Notes: See RECS Terminology for definition of terms used in these tables.

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

<sup>b</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>c</sup> Includes main (primary) and secondary space heating.

<sup>d</sup> Includes end uses not shown in this table. A more detailed breakout of end uses is shown in the *CE5* tables.

<sup>e</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>f</sup> The Building America program, sponsored by the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy (EERE), created these climate regions. We combined climate regions for this publication. The Subarctic region is included with data for *Very-cold and Cold*.

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

<sup>h</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 of the home is based on respondent reports. Previous RECS cycles calculated square footage based on interviewer measurements. For households that did not report an exact square footage estimate, the square footage of the home was imputed based on a reported square footage range and/or characteristics of the home. See *2020 RECS Square Footage Methodology* for full details about data collection and processing.

<sup>i</sup> *Some other fuel* includes coal and district steam.