

Table CE4.7 Annual household site end-use consumption by fuel in the Northeast—averages, 2020

	Number of housing units (million)	Average site energy consumption <sup>a</sup> (million Btu per household using the fuel and end use)																		
		Electricity						Natural gas					Propane				Fuel oil or kerosene			
		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	Other <sup>d</sup>	Total	Space heating <sup>c</sup>	Water heating	Other <sup>d</sup>	Total	Space heating <sup>c</sup>	Water heating	Other <sup>d</sup>
<b>All homes</b>	21.92	89.2	27.3	7.3	8.3	4.8	2.5	14.8	64.9	52.4	19.9	5.9	31.7	38.7	17.9	7.7	74.5	61.2	20.0	38.8
<b>Census division</b>																				
New England	5.88	89.9	24.9	6.0	7.2	3.9	2.4	14.5	60.7	49.9	19.6	4.2	31.7	35.6	17.3	9.9	82.7	67.7	20.5	39.1
Middle Atlantic	16.04	89.0	28.2	7.8	8.6	5.1	2.6	14.9	66.0	53.0	20.0	6.2	31.7	40.3	18.4	6.5	67.5	55.4	19.5	38.5
<b>Census urban/rural classification<sup>e</sup></b>																				
Urban	18.56	86.4	25.7	6.3	7.7	4.8	2.5	13.9	63.9	51.5	19.9	5.5	28.7	32.3	18.8	10.7	69.9	56.5	19.7	41.5
Urbanized area	17.30	85.7	25.4	5.8	7.6	4.9	2.5	13.9	63.3	50.8	19.9	5.5	30.0	33.3	18.8	11.8	69.4	55.1	20.1	42.6
Urban cluster	1.25	95.7	30.7	12.5	9.0	4.5	2.5	14.9	76.1	63.5	19.7	4.3	22.4	26.9	18.7	4.1	73.6	67.2	16.3	Q
Rural	3.36	104.8	36.2	13.7	10.2	4.3	2.9	19.6	83.4	68.8	19.8	Q	34.2	43.9	17.3	5.8	83.7	70.5	20.6	34.5
<b>Climate region<sup>f</sup></b>																				
Very cold and Cold	13.69	94.0	29.0	8.9	8.4	4.3	2.6	15.9	72.2	57.4	19.5	6.0	31.8	39.4	17.2	7.2	80.2	66.8	19.9	38.3
Mixed-humid	8.23	81.4	24.7	4.8	7.9	5.4	2.4	12.9	56.3	45.5	20.4	5.7	30.9	35.4	21.6	10.1	60.2	46.4	20.2	40.2
Mixed-dry and Hot-dry	N	N	N	N	N	N	N	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	N	N	N	N	N	N	N
Marine	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
<b>Housing unit type</b>																				
Single-family detached	11.23	120.7	34.7	9.7	10.4	5.8	3.1	20.0	93.2	72.7	22.0	7.8	34.5	41.7	18.5	8.4	86.2	72.6	20.2	38.0
Single-family attached	1.95	85.4	27.5	9.2	9.0	5.2	2.6	13.8	64.8	47.9	20.6	3.1	31.0	31.6	18.5	4.8	55.4	48.9	17.9	Q
Apartments in buildings with 2–4 units	3.15	68.0	19.3	5.9	6.3	3.9	1.9	9.6	54.9	39.5	20.5	6.3	14.9	Q	15.6	Q	50.3	27.6	22.5	Q
Apartments in buildings with 5 or more units	5.10	36.2	15.9	4.3	5.2	2.9	1.7	7.1	22.4	15.6	14.5	3.1	11.4	8.2	14.7	7.5	31.7	14.8	18.0	34.0
Mobile homes	0.50	72.1	28.8	7.0	10.5	3.2	2.1	12.5	48.0	51.4	Q	Q	31.8	41.6	Q	3.8	46.1	44.1	Q	Q
<b>Ownership of housing unit</b>																				
Owned	13.77	110.8	32.2	8.7	9.9	5.5	3.0	18.3	82.3	64.6	20.9	6.9	34.2	41.7	18.2	7.6	81.8	68.3	20.4	40.1
Single-family	11.89	117.9	34.1	9.2	10.3	5.7	3.1	19.6	89.9	69.5	21.6	7.0	34.7	41.9	18.3	8.1	86.1	72.3	20.3	37.9
Apartments	1.50	64.0	18.0	4.9	5.6	3.9	2.2	9.2	44.0	32.9	17.0	6.5	Q	Q	Q	Q	41.2	20.9	22.8	Q
Mobile homes	0.38	74.1	29.1	7.9	10.2	3.2	2.1	13.2	51.0	51.2	Q	Q	31.7	43.8	Q	2.4	48.6	45.9	Q	Q
Rented <sup>g</sup>	8.15	52.7	19.2	5.8	6.3	3.5	1.8	8.8	38.2	29.6	18.2	4.0	19.9	21.2	16.7	8.6	47.4	34.2	18.3	34.8
Single-family	1.29	92.9	30.1	12.7	9.3	5.7	2.3	14.2	68.1	52.4	23.5	5.8	29.9	31.6	20.1	11.8	70.6	63.5	18.2	Q
Apartments	6.74	44.8	17.0	4.8	5.5	3.1	1.7	7.8	33.1	24.7	17.2	3.7	13.2	9.5	15.3	7.5	36.8	19.1	18.3	35.0
Mobile homes	0.12	65.6	27.7	Q	11.3	3.2	2.0	10.4	Q	Q	Q	Q	32.1	Q	N	7.2	38.9	38.9	N	N
<b>Year of construction</b>																				
Before 1950	7.15	93.5	24.5	6.7	7.8	4.8	2.4	13.2	66.8	56.0	19.2	5.8	27.1	43.8	17.1	5.8	70.3	59.1	18.1	44.0
1950 to 1959	3.02	96.5	27.6	6.3	9.6	5.4	2.5	14.9	68.6	54.0	19.5	3.7	18.3	36.4	Q	5.7	77.2	66.3	19.5	40.8
1960 to 1969	2.56	90.3	28.0	7.3	7.4	5.2	2.6	15.3	66.8	54.5	19.3	6.0	26.6	37.6	14.7	8.0	75.9	59.2	18.6	39.2
1970 to 1979	2.62	83.1	29.4	10.2	8.0	4.6	2.5	14.5	64.6	51.4	21.2	5.2	27.1	41.0	14.1	6.5	72.3	61.8	19.3	24.0
1980 to 1989	2.20	79.7	28.1	8.3	8.2	4.5	2.5	14.6	57.3	45.8	18.9	5.8	35.0	39.6	17.9	7.5	85.4	65.8	22.0	39.8
1990 to 1999	1.80	88.8	29.6	6.6	8.7	4.6	2.8	17.2	66.8	47.2	22.7	8.0	40.9	39.9	20.7	11.2	65.1	48.6	22.8	36.7
2000 to 2009	1.58	91.8	32.3	6.9	9.6	4.4	3.0	19.1	62.3	47.8	22.8	7.3	33.4	31.9	21.8	8.8	92.6	75.7	27.4	33.3

**Table CE4.7 Annual household site end-use consumption by fuel in the Northeast—averages, 2020**

	Number of housing units (million)	Average site energy consumption <sup>a</sup> (million Btu per household using the fuel and end use)																		
		Electricity							Natural gas				Propane			Fuel oil or kerosene				
		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	Other <sup>d</sup>	Total	Space heating <sup>c</sup>	Water heating	Other <sup>d</sup>	Total	Space heating <sup>c</sup>	Water heating	Other <sup>d</sup>
<b>All homes</b>	21.92	89.2	27.3	7.3	8.3	4.8	2.5	14.8	64.9	52.4	19.9	5.9	31.7	38.7	17.9	7.7	74.5	61.2	20.0	38.8
2010 to 2015	0.56	64.6	26.0	5.0	7.5	3.2	2.5	14.9	41.7	35.5	19.3	5.0	46.6	41.3	18.8	6.4	Q	Q	Q	Q
2016 to 2020	0.43	71.7	27.0	7.4	7.5	3.0	2.5	15.1	57.7	40.2	18.6	14.9	43.6	35.1	16.3	11.2	Q	Q	N	N
<b>Total square footage<sup>h</sup></b>																				
Less than 1,000	6.04	45.2	16.4	4.1	5.5	3.0	1.8	7.9	32.0	23.3	16.5	3.8	16.0	21.6	15.0	4.6	38.8	22.5	18.3	48.8
1,000 to 1,499	4.39	72.7	23.7	7.3	7.9	4.1	2.2	11.7	54.7	41.8	19.5	5.7	28.6	40.1	14.1	4.7	55.0	45.5	20.5	34.5
1,500 to 1,999	3.56	98.6	28.0	8.8	8.4	4.9	2.7	15.4	75.1	60.8	20.9	4.4	28.5	31.3	16.8	6.1	72.9	58.4	19.8	36.8
2,000 to 2,499	2.71	107.3	32.0	8.1	10.0	5.5	2.9	18.0	79.4	62.5	20.3	4.1	30.6	37.7	17.4	6.3	79.1	65.5	19.0	35.4
2,500 to 2,999	1.90	121.4	36.8	11.4	12.1	5.9	3.2	20.5	96.5	76.1	23.3	5.6	33.0	38.0	19.7	7.2	78.7	69.1	19.0	32.0
3,000 or more	3.33	147.8	42.1	11.8	11.8	7.2	3.7	24.9	111.5	86.1	23.5	13.6	42.5	50.7	20.7	11.9	111.5	96.6	22.1	40.0
<b>Number of household members</b>																				
1 member	6.02	60.4	17.2	5.9	4.2	3.0	2.0	8.7	45.3	39.2	13.0	3.8	26.5	36.4	10.4	5.2	59.6	48.6	13.4	35.4
2 members	7.96	89.6	27.1	7.9	7.5	4.6	2.6	14.6	66.0	54.6	18.1	6.0	32.3	40.2	17.5	8.3	77.4	65.5	18.6	36.2
3 members	3.53	103.5	31.8	7.9	10.4	5.6	2.7	17.4	74.0	55.6	24.9	7.2	33.6	41.0	21.8	7.9	79.5	65.5	23.3	39.9
4 members	2.76	112.8	37.2	7.2	14.2	6.3	3.1	20.6	81.2	61.2	26.7	6.9	33.5	43.6	23.8	8.9	79.3	63.2	27.4	42.7
5 members	0.91	121.7	40.2	6.8	15.0	6.4	3.3	23.9	79.7	60.5	29.2	6.5	34.5	36.8	20.4	8.8	86.1	68.9	30.0	Q
6 or more members	0.75	123.0	39.5	12.2	13.8	6.9	3.0	21.6	83.4	69.0	30.5	6.7	38.0	25.0	25.0	Q	92.0	65.1	29.6	Q
<b>2020 annual household income</b>																				
Less than \$5,000	0.66	65.6	25.0	12.2	6.7	4.8	1.9	11.6	45.4	33.0	22.5	3.8	16.8	Q	Q	Q	59.4	50.2	Q	Q
\$5,000 to \$9,999	0.69	59.3	19.8	4.7	7.9	3.9	1.9	9.2	46.2	41.1	15.3	2.9	25.1	Q	Q	Q	59.0	41.9	Q	Q
\$10,000 to \$19,999	1.77	65.7	20.5	7.0	6.2	3.7	1.9	9.6	50.9	43.1	18.1	3.9	28.9	62.4	Q	3.3	49.5	43.5	15.9	Q
\$20,000 to \$39,999	3.36	74.8	22.2	6.2	7.4	3.7	2.2	11.8	56.7	46.9	18.7	4.2	23.5	34.1	14.7	4.4	62.9	52.9	16.5	38.2
\$40,000 to \$59,999	3.04	82.4	24.1	7.7	8.0	3.9	2.4	12.5	61.5	49.8	19.1	3.6	30.7	42.4	14.3	5.1	69.2	56.2	18.8	35.6
\$60,000 to \$99,999	5.03	89.2	27.8	7.9	9.1	4.8	2.5	14.7	65.6	49.5	18.8	6.4	29.0	33.3	18.0	6.1	80.4	66.9	18.7	37.6
\$100,000 to \$149,999	3.29	95.0	30.6	7.5	9.0	5.2	2.8	17.0	66.4	53.2	20.4	5.3	37.3	38.2	20.3	6.5	72.3	54.6	22.5	48.2
\$150,000 or more	4.09	120.5	35.5	7.0	9.0	6.2	3.2	21.1	82.5	68.4	23.1	9.0	41.1	47.0	21.0	15.0	94.6	79.5	24.1	33.5
<b>Payment method for energy bills</b>																				
All paid by household	18.00	98.1	29.8	8.2	8.7	5.0	2.7	16.3	74.9	58.1	20.9	6.4	33.3	40.5	18.1	7.9	82.0	68.5	20.3	38.9
Some paid by household, some included in rent or condo fee	2.54	48.5	15.0	3.4	5.7	3.3	1.8	7.3	26.8	21.2	16.3	4.0	16.7	Q	15.8	Q	37.9	20.2	19.6	38.2
All included in rent or condo fee	1.32	46.5	17.7	4.6	6.3	3.7	1.9	8.1	36.1	31.5	14.9	3.4	15.0	Q	Q	7.8	24.7	17.3	13.4	Q
Some other method	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	N	Q	Q	Q	Q	N	N
<b>Main heating fuel</b>																				
Natural gas	12.24	99.5	24.0	2.7	8.1	5.2	2.7	14.9	74.9	52.8	20.1	6.3	10.4	Q	Q	8.4	42.8	Q	24.7	Q
Electricity	3.99	39.6	33.9	12.7	6.9	3.7	1.9	10.2	11.0	11.3	17.6	4.3	15.3	9.4	18.1	12.6	36.9	Q	20.3	Q
Fuel oil or kerosene	4.07	112.3	29.6	3.9	9.9	4.8	2.7	17.9	11.4	Q	19.4	2.7	11.5	10.3	16.9	7.8	78.0	63.3	19.6	38.8
Propane	0.99	95.9	32.4	3.7	12.1	3.9	2.9	19.2	Q	N	Q	Q	62.9	50.0	18.3	6.8	N	N	N	N
Wood	0.47	52.3	31.4	5.2	11.3	4.1	2.7	16.7	17.1	Q	Q	Q	13.5	11.2	15.7	6.6	41.0	25.0	21.6	33.1
Some other fuel <sup>l</sup>	Q	Q	Q	Q	Q	Q	Q	Q	Q	N	N	Q	Q	N	N	Q	Q	Q	N	Q
Does not use heating equipment	0.12	23.8	15.1	N	Q	Q	1.6	9.8	8.9	N	Q	2.9	Q	N	N	Q	Q	N	Q	N

**Table CE4.7 Annual household site end-use consumption by fuel in the Northeast—averages, 2020**

	Number of housing units (million)	Average site energy consumption <sup>a</sup> (million Btu per household using the fuel and end use)																		
		Electricity							Natural gas				Propane			Fuel oil or kerosene				
		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	Other <sup>d</sup>	Total	Space heating <sup>c</sup>	Water heating	Other <sup>d</sup>	Total	Space heating <sup>c</sup>	Water heating	Other <sup>d</sup>
<b>All homes</b>	21.92	89.2	27.3	7.3	8.3	4.8	2.5	14.8	64.9	52.4	19.9	5.9	31.7	38.7	17.9	7.7	74.5	61.2	20.0	38.8

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.

Btu = British thermal units

<sup>a</sup> Consumption and expenditures for biomass (wood), coal, district steam, and solar thermal are excluded. Electricity consumption from on-site solar photovoltaic generation (that is, solar panels) is included.

<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 CES 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.

Data release date: June 2023

Revised data release date: March 2024

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		Electricity (kWh per household using the end use)						Natural gas (ccf per household using the end use)				Propane (gallons per household using the end use)				Fuel oil or kerosene (gallons 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	Other <sup>d</sup>	Total	Space heating <sup>c</sup>	Water heating	Other <sup>d</sup>	Total	Space heating <sup>c</sup>	Water heating
<b>All homes</b>	21.92	8,016	2,151	2,421	1,395	743	4,336	635	513	194	57	346	423	196	85	542	445	145	282
<b>Census division</b>																			
New England	5.88	7,308	1,748	2,124	1,136	709	4,257	593	488	191	41	346	389	189	108	602	493	149	284
Middle Atlantic	16.04	8,275	2,287	2,528	1,483	755	4,365	646	519	195	61	346	441	202	71	491	403	142	281
<b>Census urban/rural classification<sup>e</sup></b>																			
Urban	18.56	7,547	1,853	2,251	1,419	723	4,083	625	503	194	53	314	353	205	117	509	411	143	302
Urbanized area	17.30	7,442	1,696	2,214	1,425	723	4,063	618	496	194	54	329	364	205	129	506	401	146	310
Urban cluster	1.25	8,988	3,676	2,651	1,327	720	4,368	757	631	196	43	245	294	205	45	536	489	118	Q
Rural	3.36	10,603	4,001	2,975	1,247	852	5,731	831	688	197	Q	374	480	189	64	609	513	150	251
<b>Climate region<sup>f</sup></b>																			
Very cold and Cold	13.69	8,487	2,609	2,473	1,267	760	4,666	711	566	192	59	348	431	188	78	584	486	145	278
Mixed-humid	8.23	7,231	1,404	2,311	1,592	714	3,788	545	441	198	55	338	387	236	111	438	338	147	293
Mixed-dry and Hot-dry	N	N	N	N	N	N	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	N	N	N	N	N	N
Marine	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
<b>Housing unit type</b>																			
Single-family detached	11.23	10,181	2,835	3,048	1,702	902	5,869	913	713	215	76	378	456	202	92	627	528	147	277
Single-family attached	1.95	8,069	2,688	2,652	1,523	772	4,058	631	467	201	30	338	345	202	52	403	356	130	Q
Apartments in buildings with 2–4 units	3.15	5,646	1,740	1,840	1,135	563	2,807	536	386	200	62	163	Q	171	Q	366	201	163	Q
Apartments in buildings with 5 or more units	5.10	4,650	1,248	1,521	855	501	2,077	219	152	141	30	125	90	161	82	231	107	131	247
Mobile homes	0.50	8,433	2,051	3,081	926	618	3,666	470	504	Q	Q	348	454	Q	41	336	321	Q	Q
<b>Ownership of housing unit</b>																			
Owned	13.77	9,428	2,549	2,911	1,599	871	5,372	806	632	204	68	374	456	199	83	596	497	149	292
Single-family	11.89	9,981	2,695	3,033	1,677	906	5,758	880	681	211	68	379	458	201	89	627	526	148	276
Apartments	1.50	5,277	1,444	1,629	1,147	657	2,701	428	321	165	63	Q	Q	Q	Q	300	152	166	Q
Mobile homes	0.38	8,533	2,305	2,999	926	628	3,859	499	502	Q	Q	346	478	Q	26	354	334	Q	Q
Rented <sup>g</sup>	8.15	5,629	1,697	1,842	1,029	523	2,586	373	289	177	39	218	231	183	94	345	249	133	253
Single-family	1.29	8,822	3,708	2,726	1,660	667	4,152	667	514	229	57	327	345	219	129	514	462	132	Q
Apartments	6.74	4,975	1,412	1,612	915	495	2,279	323	241	168	36	144	104	168	82	268	139	133	255

**Table CE4.7 Annual household site end-use consumption by fuel in the Northeast—averages, 2020**

	Number of housing units (million)	Average site energy consumption <sup>a</sup>																	
		Electricity (kWh per household using the end use)						Natural gas (ccf per household using the end use)				Propane (gallons per household using the end use)			Fuel oil or kerosene (gallons 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	Other <sup>d</sup>	Total	Space heating <sup>c</sup>	Water heating	Other <sup>d</sup>	Total	Space heating <sup>c</sup>	Water heating	Other <sup>d</sup>
<b>All homes</b>	21.92	8,016	2,151	2,421	1,395	743	4,336	635	513	194	57	346	423	196	85	542	445	145	282
Mobile homes	0.12	8,116	Q	3,308	927	589	3,054	Q	Q	Q	Q	351	Q	N	78	283	283	N	N
<b>Year of construction</b>																			
Before 1950	7.15	7,186	1,954	2,287	1,414	709	3,858	654	549	188	56	297	479	187	64	512	430	132	320
1950 to 1959	3.02	8,085	1,838	2,804	1,584	730	4,379	670	528	191	36	200	398	Q	62	562	482	142	297
1960 to 1969	2.56	8,198	2,136	2,174	1,529	757	4,495	653	533	189	59	291	411	161	88	552	431	135	286
1970 to 1979	2.62	8,613	3,000	2,336	1,350	722	4,241	633	504	207	50	296	448	155	71	526	450	140	175
1980 to 1989	2.20	8,248	2,426	2,405	1,313	722	4,267	560	448	184	57	382	434	196	81	622	479	160	290
1990 to 1999	1.80	8,664	1,920	2,553	1,337	820	5,033	653	462	221	78	447	436	226	122	474	354	166	267
2000 to 2009	1.58	9,458	2,014	2,803	1,299	875	5,591	609	468	223	71	365	349	238	97	674	551	199	242
2010 to 2015	0.56	7,627	1,480	2,205	938	738	4,370	407	347	188	49	510	451	205	70	Q	Q	Q	Q
2016 to 2020	0.43	7,914	2,180	2,204	865	739	4,415	566	395	182	147	477	383	178	122	Q	Q	N	N
<b>Total square footage<sup>h</sup></b>																			
Less than 1,000	6.04	4,818	1,200	1,626	871	513	2,321	313	228	162	37	175	236	164	51	282	164	134	355
1,000 to 1,499	4.39	6,933	2,138	2,302	1,203	633	3,433	534	409	190	56	313	438	154	51	400	331	150	251
1,500 to 1,999	3.56	8,220	2,587	2,472	1,444	778	4,499	736	597	205	43	311	342	184	66	531	425	144	268
2,000 to 2,499	2.71	9,393	2,369	2,942	1,607	845	5,275	775	611	198	40	334	412	190	69	576	476	139	258
2,500 to 2,999	1.90	10,792	3,343	3,557	1,728	926	6,006	946	746	229	55	361	416	215	79	573	503	139	233
3,000 or more	3.33	12,325	3,444	3,465	2,116	1,074	7,298	1,093	844	230	133	465	554	227	131	812	703	161	292
<b>Number of household members</b>																			
1 member	6.02	5,027	1,725	1,226	893	575	2,536	445	385	127	37	290	398	113	56	434	354	98	257
2 members	7.96	7,933	2,327	2,212	1,363	753	4,276	646	535	177	59	353	439	192	91	563	477	135	263
3 members	3.53	9,330	2,312	3,057	1,633	794	5,111	724	544	244	70	368	449	238	86	579	477	170	290
4 members	2.76	10,896	2,105	4,150	1,847	899	6,035	792	597	261	68	366	477	260	97	577	460	199	311
5 members	0.91	11,788	1,996	4,407	1,866	962	6,990	777	590	284	63	378	402	223	96	627	502	219	Q
6 or more members	0.75	11,564	3,582	4,046	2,014	882	6,333	816	675	297	66	415	273	274	Q	669	474	215	Q
<b>2020 annual household income</b>																			
Less than \$5,000	0.66	7,320	3,576	1,953	1,411	556	3,408	443	322	219	36	183	Q	Q	Q	432	365	Q	Q
\$5,000 to \$9,999	0.69	5,815	1,384	2,322	1,143	553	2,708	454	404	150	28	274	Q	Q	Q	430	305	Q	Q
\$10,000 to \$19,999	1.77	6,002	2,045	1,824	1,085	558	2,803	499	423	177	38	316	683	Q	36	361	316	116	Q
\$20,000 to \$39,999	3.36	6,514	1,814	2,181	1,084	633	3,446	556	461	184	41	257	373	160	48	458	385	120	278
\$40,000 to \$59,999	3.04	7,054	2,244	2,352	1,140	705	3,650	603	489	187	35	336	463	156	56	504	409	137	259
\$60,000 to \$99,999	5.03	8,145	2,323	2,669	1,417	740	4,319	643	486	184	63	317	364	197	67	585	487	136	274
\$100,000 to \$149,999	3.29	8,962	2,209	2,644	1,511	835	4,975	649	520	199	52	408	418	222	71	526	398	164	351

**Table CE4.7 Annual household site end-use consumption by fuel in the Northeast—averages, 2020**

	Number of housing units (million)	Average site energy consumption <sup>a</sup>																	
		Electricity (kWh per household using the end use)						Natural gas (ccf per household using the end use)				Propane (gallons per household using the end use)				Fuel oil or kerosene (gallons per household using the end use)			
		Total North- east <sup>b</sup>	Space heating <sup>c</sup>	Water heating	Air condi- tioning	Refriger- ators	Other <sup>d</sup>	Total	Space heating <sup>c</sup>	Water heating	Other <sup>d</sup>	Total	Space heating <sup>c</sup>	Water heating	Other <sup>d</sup>	Total	Space heating <sup>c</sup>	Water heating	Other <sup>d</sup>
<b>All homes</b>	21.92	8,016	2,151	2,421	1,395	743	4,336	635	513	194	57	346	423	196	85	542	445	145	282
\$150,000 or more	4.09	10,395	2,053	2,651	1,820	930	6,170	805	667	225	88	450	513	230	164	689	578	176	244
<b>Payment method for energy bills</b>																			
All paid by household	18.00	8,736	2,396	2,551	1,475	787	4,790	733	569	204	62	364	443	198	86	597	499	147	283
Some paid by household, some included in rent or condo fee	2.54	4,383	996	1,665	965	529	2,136	261	206	159	39	182	Q	173	Q	276	147	143	278
All included in rent or condo fee	1.32	5,180	1,344	1,852	1,097	552	2,374	354	309	146	33	164	Q	Q	86	180	126	98	Q
Some other method	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	N	Q	Q	Q	Q	N	N
<b>Main heating fuel</b>																			
Natural gas	12.24	7,035	802	2,381	1,522	777	4,368	733	517	196	62	114	Q	Q	92	312	Q	180	Q
Electricity	3.99	9,947	3,714	2,013	1,098	571	2,988	107	111	172	42	168	103	198	138	268	Q	148	Q
Fuel oil or kerosene	4.07	8,679	1,154	2,900	1,396	779	5,238	111	Q	188	27	126	113	185	85	567	460	143	282
Propane	0.99	9,497	1,083	3,534	1,143	851	5,631	Q	N	Q	Q	688	546	200	74	N	N	N	N
Wood	0.47	9,210	1,537	3,312	1,210	794	4,889	168	Q	Q	Q	148	123	172	72	298	182	157	241
Some other fuel <sup>l</sup>	Q	Q	Q	Q	Q	Q	Q	Q	N	N	Q	Q	N	N	Q	Q	Q	N	Q
Does not use heating equipment	0.12	4,434	N	Q	Q	476	2,861	87	N	Q	28	Q	N	N	Q	Q	N	Q	N

**Table CE4.7 Annual household site end-use consumption by fuel in the Northeast—averages, 2020**

	Number of housing units (million)	Average site energy consumption <sup>a</sup>																	
		Electricity (kWh per household using the end use)						Natural gas (ccf per household using the end use)				Propane (gallons per household using the end use)			Fuel oil or kerosene (gallons 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	Other <sup>d</sup>	Total	Space heating <sup>c</sup>	Water heating	Other <sup>d</sup>	Total	Space heating <sup>c</sup>	Water heating	Other <sup>d</sup>
<b>All homes</b>	21.92	8,016	2,151	2,421	1,395	743	4,336	635	513	194	57	346	423	196	85	542	445	145	282

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.

kWh = kilowatthours

ccf = hundred cubic feet

<sup>a</sup> Consumption and expenditures for biomass (wood), coal, district steam, and solar thermal are excluded. Electricity consumption from on-site solar photovoltaic generation (that is, solar panels) is included.

<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.

Relative standard errors (RSEs) for Table CE4.7 Annual household site end-use consumption by fuel in the Northeast—averages, 2020

	RSEs for average site energy consumption <sup>a</sup>																				
	RSEs for number of housing units	Electricity							Natural gas				Propane			Fuel oil or kerosene					
		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	Other <sup>d</sup>	Total	Space heating <sup>c</sup>	Water heating	Other <sup>d</sup>	Total	Space heating <sup>c</sup>	Water heating	Other <sup>d</sup>	
<b>All homes</b>	0.00	0.78	1.14	5.27	2.24	1.47	0.80	1.37	1.39	1.63	1.35	8.72	6.66	6.45	3.05	8.74	2.25	2.55	1.69	6.11	
<b>Census division</b>																					
New England	0.00	1.34	1.39	6.02	3.59	2.53	1.27	1.70	2.55	2.43	2.98	9.36	7.09	6.99	4.26	12.99	2.09	2.82	2.10	9.42	
Middle Atlantic	0.00	1.07	1.49	6.57	3.09	1.80	1.01	1.83	1.67	2.03	1.64	9.82	8.93	8.55	4.47	11.56	4.08	4.70	2.86	9.74	
<b>Census urban/rural classification<sup>e</sup></b>																					
Urban	0.56	0.94	1.13	5.42	2.70	1.65	0.89	1.43	1.42	1.74	1.38	7.18	10.47	11.70	5.55	13.12	2.62	3.03	2.35	8.97	
Urbanized area	0.59	1.08	1.24	5.10	3.04	1.74	0.99	1.50	1.52	1.83	1.44	7.43	10.71	12.52	6.97	13.25	2.84	3.34	2.49	9.22	
Urban cluster	6.76	3.33	5.79	20.11	8.88	7.78	3.38	4.67	6.53	7.18	7.22	16.06	28.21	31.84	9.62	21.76	8.40	7.23	8.55	26.31	
Rural	3.09	2.63	3.05	11.10	4.00	4.98	2.10	3.12	11.94	6.59	7.01	65.37	7.18	6.66	4.91	10.31	3.71	4.15	3.21	8.92	
<b>Climate region<sup>f</sup></b>																					
Very cold and Cold	1.29	1.04	1.38	6.09	2.76	1.85	1.02	1.57	2.10	2.08	1.57	15.43	6.45	6.60	3.67	9.11	1.96	2.41	1.92	6.96	
Mixed-humid	2.15	1.70	2.00	7.33	4.54	2.25	1.73	2.58	2.46	2.96	2.57	10.43	18.73	20.10	9.01	17.35	5.97	6.88	3.93	18.95	
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	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	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
<b>Housing unit type</b>																					
Single-family detached	0.00	0.97	1.37	6.88	3.23	1.91	1.07	1.51	1.78	1.82	2.01	12.44	7.49	6.21	3.24	9.73	2.21	2.54	1.71	7.71	
Single-family attached	0.00	2.68	3.44	13.77	8.67	5.02	3.66	3.14	3.58	4.34	3.63	9.46	21.94	16.06	19.61	21.08	10.94	10.60	21.60	21.95	
Apartments in buildings with 2–4 units	0.00	3.64	4.29	15.84	6.46	5.35	3.23	4.90	4.40	4.69	3.46	27.49	13.12	36.06	8.80	61.90	13.47	11.43	10.54	32.23	
Apartments in buildings with 5 or more units	0.00	2.22	2.42	5.92	4.45	3.26	1.86	2.89	3.36	3.64	2.27	6.93	22.46	22.02	20.50	29.27	8.66	4.30	6.10	10.72	
Mobile homes	0.00	4.52	6.73	30.63	8.90	8.67	4.95	8.67	18.83	8.16	11.11	72.42	14.46	12.47	16.50	27.82	10.01	10.16	6.28	41.02	
<b>Ownership of housing unit</b>																					
Owned	1.01	0.94	1.31	6.12	3.15	1.77	1.01	1.43	1.81	1.76	1.74	11.57	6.78	6.40	3.23	9.31	2.02	2.34	1.66	7.21	
Single-family	0.74	1.01	1.29	6.13	3.53	1.74	1.05	1.38	1.81	1.79	1.86	12.25	7.13	6.25	3.35	9.75	2.07	2.51	1.65	7.59	
Apartments	8.09	7.15	4.77	15.21	11.87	7.05	4.46	6.26	8.15	8.96	4.34	42.13	80.89	30.07	0.00	0.94	22.14	10.64	10.29	33.68	
Mobile homes	6.90	5.38	8.30	35.56	12.28	10.97	5.90	10.37	19.87	9.57	14.30	76.51	18.60	14.50	16.50	26.42	10.80	11.27	6.28	41.02	
Rented <sup>g</sup>	1.70	2.35	2.53	9.22	3.32	2.49	1.71	2.75	2.83	3.92	2.18	9.55	14.30	17.28	8.08	21.34	6.29	8.47	5.55	10.56	
Single-family	6.82	3.98	6.58	23.47	7.81	4.92	4.45	5.96	5.75	7.37	6.13	33.31	27.09	19.36	14.38	44.47	10.59	10.44	15.32	32.24	
Apartments	1.80	2.49	2.48	8.61	3.80	2.97	1.77	3.05	3.59	4.51	2.40	8.11	14.01	20.09	9.02	28.45	7.09	8.55	5.60	10.93	
Mobile homes	21.86	9.20	10.68	50.38	10.77	15.58	9.01	10.55	75.22	61.46	0.00	10.22	26.12	27.57	0.00	45.15	27.18	27.18	0.00	0.00	
<b>Year of construction</b>																					
Before 1950	0.00	2.11	2.67	12.53	5.79	3.20	1.80	2.59	3.37	3.20	2.48	21.10	17.75	16.36	7.12	19.83	5.08	5.89	4.23	14.94	
1950 to 1959	0.00	2.77	3.54	12.23	9.93	4.48	2.42	3.34	3.80	4.21	3.97	12.80	29.35	34.51	27.98	36.61	3.87	4.64	3.44	15.38	
1960 to 1969	0.00	3.51	3.89	17.05	7.80	4.37	3.01	4.24	5.05	5.85	3.54	12.56	20.35	23.73	12.63	29.08	6.35	6.99	4.67	24.74	
1970 to 1979	0.00	3.44	3.26	10.91	6.31	4.28	2.73	3.33	5.25	5.31	4.08	14.81	22.48	23.87	10.24	30.26	6.39	7.43	5.04	20.94	
1980 to 1989	0.00	3.30	3.17	10.19	5.94	4.50	2.78	3.81	5.49	5.42	4.62	18.84	11.93	11.09	9.07	27.42	6.50	7.38	6.72	13.73	
1990 to 1999	0.00	4.31	3.64	14.63	7.94	5.28	3.45	4.22	6.15	6.75	5.21	23.12	13.43	17.77	5.61	23.03	8.48	9.45	4.60	8.82	



Relative standard errors (RSEs) for Table CE4.7 Annual household site end-use consumption by fuel in the Northeast—averages, 2020

	RSEs for number of housing units																			
	RSEs for average site energy consumption <sup>a</sup>																			
	Total North-east <sup>b</sup>	Electricity							Natural gas				Propane			Fuel oil or kerosene				
Total		Total	Space heating <sup>c</sup>	Water heating	Air conditioning	Refrigerators	Other <sup>d</sup>	Total	Space heating <sup>c</sup>	Water heating	Other <sup>d</sup>	Total	Space heating <sup>c</sup>	Water heating	Other <sup>d</sup>	Total	Space heating <sup>c</sup>	Water heating	Other <sup>d</sup>	
<b>All homes</b>	0.00	0.78	1.14	5.27	2.24	1.47	0.80	1.37	1.39	1.63	1.35	8.72	6.66	6.45	3.05	8.74	2.25	2.55	1.69	6.11
2000 to 2009	0.00	4.60	6.22	19.11	11.28	6.00	3.81	6.57	7.37	7.61	5.00	21.43	12.71	18.80	11.31	21.91	10.56	12.63	3.89	21.71
2010 to 2015	7.00	7.33	6.30	18.56	10.98	7.75	5.61	7.68	12.56	15.80	8.22	20.51	16.43	17.33	18.84	32.13	15.58	52.03	31.00	22.81
2016 to 2020	9.20	10.72	6.82	23.70	13.02	9.84	7.05	9.51	16.09	14.10	7.34	43.66	12.80	12.33	8.19	31.28	0.00	0.00	0.00	0.00
<b>Total square footage<sup>b</sup></b>																				
Less than 1,000	2.12	2.35	2.20	5.99	4.30	2.70	1.48	2.76	3.55	4.61	2.69	8.98	17.52	25.14	10.39	28.39	9.07	7.70	6.49	17.11
1,000 to 1,499	3.75	2.39	2.77	12.27	5.24	3.23	2.52	3.01	3.29	3.73	2.27	24.15	13.29	11.59	13.53	16.63	5.53	6.69	5.64	21.06
1,500 to 1,999	3.87	1.75	2.44	9.16	6.61	3.67	2.76	2.67	3.77	3.42	3.58	10.68	14.85	16.64	9.59	21.07	4.15	4.07	4.22	12.96
2,000 to 2,499	4.21	1.86	2.43	10.29	6.21	3.65	2.47	3.33	3.17	3.31	3.19	8.91	14.26	16.20	11.89	19.21	3.65	3.68	5.02	14.36
2,500 to 2,999	5.59	2.31	2.63	12.83	10.28	3.64	2.59	2.65	3.64	4.18	4.52	16.65	15.72	18.89	9.64	29.00	5.64	6.18	6.77	26.73
3,000 or more	3.86	2.47	2.68	16.96	6.09	3.26	1.94	2.76	4.06	2.99	3.82	23.09	9.90	8.55	5.96	12.61	3.85	4.16	2.35	13.48
<b>Number of household members</b>																				
1 member	2.99	2.39	2.15	7.67	3.58	2.88	1.63	3.18	3.20	3.55	1.94	9.92	14.48	12.73	8.11	22.84	5.59	6.89	4.74	11.94
2 members	2.54	2.28	1.97	9.03	3.56	2.79	1.71	1.84	3.64	3.28	1.59	21.15	8.81	9.60	5.94	14.06	3.56	4.25	2.27	14.17
3 members	3.66	2.20	2.18	9.55	5.20	3.47	2.94	2.54	3.78	4.16	3.54	24.17	13.27	12.33	5.22	18.16	4.49	5.68	3.20	15.11
4 members	5.11	2.64	3.10	10.38	6.57	3.70	3.02	3.68	3.65	4.00	2.88	10.54	12.47	12.75	4.42	20.17	6.13	7.12	3.93	16.34
5 members	8.00	3.92	5.40	19.38	9.47	6.02	4.79	6.57	6.70	6.28	6.55	19.44	26.47	29.89	16.21	37.33	8.63	9.07	7.53	19.05
6 or more members	10.62	5.75	7.96	43.24	15.45	6.84	4.61	6.35	8.24	8.78	5.45	26.08	28.51	36.42	13.34	59.21	10.33	15.14	10.23	40.48
<b>2020 annual household income</b>																				
Less than \$5,000	12.39	8.67	14.24	37.09	18.42	11.37	6.75	14.78	10.92	15.73	9.13	49.12	35.09	84.17	12.53	66.78	16.90	19.75	18.14	128.91
\$5,000 to \$9,999	10.11	8.80	8.35	24.04	13.83	12.16	6.17	8.28	16.02	19.63	7.19	12.75	33.03	39.45	37.69	79.78	14.90	24.61	12.22	16.49
\$10,000 to \$19,999	7.27	4.54	6.11	18.62	8.28	7.13	3.03	5.14	7.21	7.72	4.99	27.27	28.61	19.97	23.43	38.99	7.99	10.58	9.03	3.64
\$20,000 to \$39,999	5.04	2.74	2.94	13.35	7.57	3.80	3.06	3.21	4.70	5.35	3.52	11.62	15.12	15.72	15.57	22.90	5.60	6.15	5.16	17.10
\$40,000 to \$59,999	4.76	2.95	3.96	16.57	6.02	4.15	2.71	3.63	4.71	4.96	4.63	9.77	18.66	17.73	9.73	20.69	6.66	8.34	7.66	7.36
\$60,000 to \$99,999	3.55	1.86	1.91	8.98	4.36	2.74	1.76	2.04	3.38	3.91	2.77	21.73	10.89	10.18	8.99	16.30	4.41	5.25	3.53	14.00
\$100,000 to \$149,999	3.99	2.30	3.31	10.92	5.46	3.75	2.56	3.41	3.58	3.44	3.04	11.70	11.98	13.26	7.10	20.80	5.51	6.44	4.94	13.24
\$150,000 or more	3.22	2.84	2.73	8.38	7.36	2.91	1.94	3.17	4.43	3.29	3.11	20.10	10.57	9.28	5.66	13.59	4.43	4.65	2.76	18.51
<b>Payment method for energy bills</b>																				
All paid by household	0.77	0.94	1.20	5.57	2.58	1.57	0.86	1.38	1.64	1.83	1.57	10.58	6.85	5.92	3.14	9.01	1.99	2.33	1.80	7.47
Some paid by household, some included in rent or condo fee	5.15	3.51	4.88	14.47	10.81	5.47	3.19	5.76	6.30	5.60	3.27	13.53	34.01	53.16	12.05	61.41	9.18	12.38	5.33	17.23
All included in rent or condo fee	7.09	5.91	4.44	7.84	6.64	6.40	4.60	5.07	9.98	11.42	3.02	23.47	36.67	74.21	31.29	42.50	14.16	16.81	20.85	0.00
Some other method	37.55	27.13	18.59	77.33	6.55	21.33	29.21	23.40	37.24	40.95	13.98	40.61	183.79	0.00	0.00	24.65	113.71	113.71	0.00	0.00
<b>Main heating fuel</b>																				
Natural gas	1.51	1.29	1.49	8.35	5.90	2.28	1.19	1.90	1.50	1.63	1.42	9.88	28.39	26.32	40.06	35.34	20.64	109.26	10.08	19.00
Electricity	4.25	3.54	3.68	6.08	3.30	4.21	1.98	3.91	10.97	26.62	7.15	21.15	11.77	26.56	8.77	21.09	25.77	24.57	14.69	42.65
Fuel oil or kerosene	3.90	1.67	2.47	10.63	5.93	3.35	1.97	3.00	18.35	49.13	11.29	19.39	9.39	18.65	10.13	14.21	2.18	2.47	1.88	7.35
Propane	8.29	3.53	4.93	19.05	9.33	7.74	4.50	5.05	27.91	0.00	26.05	50.02	4.46	5.02	3.97	15.95	0.00	0.00	0.00	0.00
Wood	10.55	5.45	5.37	19.66	5.22	12.09	5.38	5.27	20.49	171.19	15.31	57.75	16.30	28.37	27.08	19.62	10.59	16.60	12.00	19.55
Some other fuel <sup>f</sup>	39.10	27.75	20.75	0.00	26.75	17.18	24.82	28.73	0.00	0.00	0.00	0.00	45.18	0.00	0.00	45.18	88.70	36.95	0.00	0.00
Does not use heating equipment	27.39	14.18	26.23	0.00	24.13	19.90	7.68	37.28	22.72	0.00	12.61	39.98	0.00	0.00	0.00	0.00	13.51	0.00	13.51	0.00

Relative standard errors (RSEs) for Table CE4.7 Annual household site end-use consumption by fuel in the Northeast—averages, 2020

	RSEs for average site energy consumption <sup>a</sup>																				
	Total North-east <sup>b</sup>	Electricity							Natural gas				Propane			Fuel oil or kerosene					
		Total	Total	Space heating <sup>c</sup>	Water heating	Air conditioning	Refrigerators	Other <sup>d</sup>	Total	Space heating <sup>c</sup>	Water heating	Other <sup>d</sup>	Total	Space heating <sup>c</sup>	Water heating	Other <sup>d</sup>	Total	Space heating <sup>c</sup>	Water heating	Other <sup>d</sup>	
All homes	0.00	0.78	1.14	5.27	2.24	1.47	0.80	1.37	1.39	1.63	1.35	8.72	6.66	6.45	3.05	8.74	2.25	2.55	1.69	6.11	

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. Electricity consumption from on-site solar photovoltaic generation (that is, solar panels) is included.

<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.