

Data release date: June 2023

**CE4.11.FO.ST Annual household fuel oil or kerosene end-use expenditures in the United States by state—totals and percentages, 2020**

	Number of housing units (million)	Total fuel oil or kerosene expenditures (billion dollars)						
	Total U.S. <sup>a</sup>	Total	Space heating <sup>b</sup>		Water heating		Other <sup>c</sup>	
<b>All homes</b>	123.53	6.95	5.51	79%	0.95	14%	0.48	7%
Alabama	1.90	Q	Q	Q	N	N	Q	Q
Alaska	0.26	0.12	0.10	85%	0.02	15%	Q	Q
Arizona	2.68	Q	Q	Q	Q	Q	N	N
Arkansas	1.14	N	N	N	N	N	N	N
California	13.18	Q	N	N	Q	Q	N	N
Colorado	2.26	Q	N	N	Q	Q	N	N
Connecticut	1.38	0.77	0.64	83%	0.09	12%	0.04	5%
Delaware	0.38	0.04	0.03	81%	Q	Q	Q	Q
District of Columbia	0.32	Q	Q	Q	Q	Q	N	N
Florida	8.06	N	N	N	N	N	N	N
Georgia	3.88	Q	Q	Q	N	N	N	N
Hawaii	0.47	N	N	N	N	N	N	N
Idaho	0.66	Q	Q	Q	N	N	N	N
Illinois	4.90	Q	Q	Q	N	N	N	N
Indiana	2.60	Q	Q	Q	Q	Q	N	N
Iowa	1.28	Q	Q	Q	N	N	N	N
Kansas	1.13	N	N	N	N	N	N	N
Kentucky	1.74	Q	Q	Q	N	N	Q	Q
Louisiana	1.73	N	N	N	N	N	N	N
Maine	0.56	0.38	0.28	76%	0.06	17%	0.03	7%
Maryland	2.28	0.21	0.18	88%	Q	Q	Q	Q
Massachusetts	2.71	1.01	0.79	78%	0.14	14%	0.08	8%
Michigan	3.92	0.13	0.11	85%	Q	Q	Q	Q
Minnesota	2.23	Q	Q	Q	N	N	N	N
Mississippi	1.08	Q	Q	Q	N	N	N	N

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<b>All homes</b>	123.53	6.95	5.51	79%	0.95	14%	0.48	7%
Missouri	2.43	N	N	N	N	N	N	N
Montana	0.43	Q	Q	Q	Q	Q	Q	Q
Nebraska	0.77	N	N	N	N	N	N	N
Nevada	1.14	N	N	N	N	N	N	N
New Hampshire	0.54	0.33	0.28	84%	0.04	13%	Q	Q
New Jersey	3.39	0.29	0.23	78%	0.04	15%	Q	Q
New Mexico	0.79	N	N	N	N	N	N	N
New York	7.52	1.82	1.31	72%	0.34	19%	0.17	9%
North Carolina	4.01	0.06	0.06	91%	N	N	Q	Q
North Dakota	0.32	0.01	0.01	98%	Q	Q	N	N
Ohio	4.74	0.18	0.16	90%	Q	Q	Q	Q
Oklahoma	1.49	N	N	N	N	N	N	N
Oregon	1.65	Q	Q	Q	N	N	N	N
Pennsylvania	5.13	0.83	0.68	83%	0.09	10%	0.06	7%
Rhode Island	0.42	0.17	0.14	81%	0.02	15%	Q	Q
South Carolina	1.97	Q	Q	Q	N	N	N	N
South Dakota	0.35	Q	Q	Q	N	N	N	N
Tennessee	2.66	Q	Q	Q	N	N	Q	Q
Texas	10.26	Q	N	N	Q	Q	N	N
Utah	1.04	N	N	N	N	N	N	N
Vermont	0.26	0.16	0.14	84%	0.02	13%	Q	Q
Virginia	3.24	0.16	0.14	88%	Q	Q	Q	Q
Washington	2.94	Q	Q	Q	N	N	N	N
West Virginia	0.70	Q	Q	Q	N	N	N	N
Wisconsin	2.39	Q	Q	Q	Q	Q	Q	Q
Wyoming	0.23	N	N	N	N	N	N	N

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	Number of housing units (million)	Total fuel oil or kerosene expenditures (billion dollars)						
	Total U.S. <sup>a</sup>	Total	Space heating <sup>b</sup>		Water heating		Other <sup>c</sup>	
<b>All homes</b>	123.53	6.95	5.51	79%	0.95	14%	0.48	7%

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. Percentages are calculated on unrounded numbers. See RECS Terminology for the definitions of terms used in these tables. Differences in estimates between states may not be statistically significant.

<sup>a</sup> Total U.S. includes all primary occupied housing units in the 50 states and the District of Columbia. Vacant housing units, seasonal units, second homes, military houses, and group quarters are excluded.

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

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

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 CE4.11.FO.ST Annual household site fuel oil or kerosene end-use expenditures in the United States by state—totals and percentages, 2020**

	RSEs for number of housing units	RSEs for total fuel oil or kerosene expenditures						
	Total U.S. <sup>a</sup>	Total	Space heating <sup>b</sup>		Water heating		Other <sup>c</sup>	
<b>All homes</b>	0.00	3.55	3.54	1.30	5.46	4.50	12.84	11.28
Alabama	0.00	91.22	76.41	207.01	0.00	0.00	17.43	99.79
Alaska	0.00	11.67	12.13	2.20	15.58	12.33	75.16	74.26
Arizona	0.00	20.25	20.25	0.00	20.25	0.00	0.00	0.00
Arkansas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California	0.00	20.14	0.00	0.00	20.14	0.00	0.00	0.00
Colorado	0.00	22.86	0.00	0.00	22.86	0.00	0.00	0.00
Connecticut	0.00	8.70	9.07	2.39	11.99	10.11	37.74	36.36
Delaware	0.00	29.71	31.73	8.19	45.38	42.30	13.72	104.67
District of Columbia	0.00	54.36	64.20	52.49	70.46	55.23	0.00	0.00
Florida	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Georgia	0.00	97.30	97.30	0.00	0.00	0.00	0.00	0.00
Hawaii	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Idaho	0.00	69.28	69.28	0.00	0.00	0.00	0.00	0.00
Illinois	0.00	97.51	97.51	0.00	0.00	0.00	0.00	0.00
Indiana	0.00	69.23	91.82	100.22	71.58	54.46	0.00	0.00
Iowa	0.00	18.09	18.09	0.00	0.00	0.00	0.00	0.00
Kansas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kentucky	0.00	55.12	49.78	19.44	0.00	0.00	15.66	103.94
Louisiana	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maine	0.00	7.05	7.65	3.00	9.20	7.82	24.72	22.48
Maryland	0.00	19.25	18.78	3.43	41.43	36.04	70.70	69.00
Massachusetts	0.00	7.60	8.02	2.42	12.00	7.80	20.39	20.37
Michigan	0.00	33.88	37.30	9.26	57.19	58.04	14.83	107.36
Minnesota	0.00	49.61	49.61	0.00	0.00	0.00	0.00	0.00
Mississippi	0.00	19.31	19.31	0.00	0.00	0.00	0.00	0.00



**Relative standard errors (RSEs) for CE4.11.FO.ST Annual household site fuel oil or kerosene end-use expenditures in the United States by state—totals and percentages, 2020**

	RSEs for number of housing units	RSEs for total fuel oil or kerosene expenditures						
	Total U.S. <sup>a</sup>	Total	Space heating <sup>b</sup>	Water heating	Other <sup>c</sup>			
<b>All homes</b>	0.00	3.55	3.54	1.30	5.46	4.50	12.84	11.28

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> *Total U.S.* includes all primary occupied housing units in the 50 states and the District of Columbia. Vacant housing units, seasonal units, second homes, military houses, and group quarters are excluded.

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