

Data release date: June 2023

CE4.6.FO.ST Annual household site fuel oil or kerosene end-use consumption in the United States by state—averages, 2020

	Number of housing units (million)	Average site fuel oil or kerosene consumption (million Btu per household using the end use)			
	Total U.S. ^a	Total	Space heating ^b	Water heating	Other ^c
All homes	123.53	69.7	58.5	20.0	37.3
Alabama	1.90	Q	Q	N	Q
Alaska	0.26	92.3	83.1	23.8	Q
Arizona	2.68	Q	Q	Q	N
Arkansas	1.14	N	N	N	N
California	13.18	Q	N	Q	N
Colorado	2.26	Q	N	Q	N
Connecticut	1.38	86.4	70.8	19.8	50.1
Delaware	0.38	48.4	49.1	Q	Q
District of Columbia	0.32	Q	Q	Q	N
Florida	8.06	N	N	N	N
Georgia	3.88	Q	Q	N	N
Hawaii	0.47	N	N	N	N
Idaho	0.66	Q	Q	N	N
Illinois	4.90	Q	Q	N	N
Indiana	2.60	Q	Q	Q	N
Iowa	1.28	Q	Q	N	N
Kansas	1.13	N	N	N	N
Kentucky	1.74	Q	Q	N	Q
Louisiana	1.73	N	N	N	N
Maine	0.56	77.9	61.1	21.2	36.5
Maryland	2.28	58.6	51.9	Q	Q
Massachusetts	2.71	85.0	68.3	21.1	36.6
Michigan	3.92	61.4	56.8	Q	Q
Minnesota	2.23	Q	Q	N	N
Mississippi	1.08	Q	Q	N	N
Missouri	2.43	N	N	N	N
Montana	0.43	Q	Q	Q	Q
Nebraska	0.77	N	N	N	N
Nevada	1.14	N	N	N	N
New Hampshire	0.54	81.2	71.6	20.3	Q

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	Total U.S. ^a	Total	Space heating ^b	Water heating	Other ^c
All homes	123.53	69.7	58.5	20.0	37.3
New Jersey	3.39	58.1	51.9	20.0	Q
New Mexico	0.79	N	N	N	N
New York	7.52	69.3	54.4	19.8	42.2
North Carolina	4.01	33.7	30.6	N	Q
North Dakota	0.32	67.0	65.4	Q	N
Ohio	4.74	70.3	63.2	Q	Q
Oklahoma	1.49	N	N	N	N
Oregon	1.65	Q	Q	N	N
Pennsylvania	5.13	67.4	58.4	18.3	34.5
Rhode Island	0.42	80.3	65.2	19.0	Q
South Carolina	1.97	Q	Q	N	N
South Dakota	0.35	Q	Q	N	N
Tennessee	2.66	Q	Q	N	Q
Texas	10.26	Q	N	Q	N
Utah	1.04	N	N	N	N
Vermont	0.26	71.2	62.0	20.9	Q
Virginia	3.24	44.7	39.5	Q	Q
Washington	2.94	Q	Q	N	N
West Virginia	0.70	Q	Q	N	N
Wisconsin	2.39	Q	Q	Q	Q
Wyoming	0.23	N	N	N	N

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		Total U.S. ^a	Total	Space heating ^b	Water heating
All homes	123.53	69.7	58.5	20.0	37.3

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.

^a *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.

^b Includes main (primary) and secondary space heating.

^c 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.

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CE4.6.FO.ST Annual household site fuel oil or kerosene end-use consumption in the United States by state—averages, 2020

	Number of housing units (million)	Average site fuel oil or kerosene consumption (gallons per household using the end use)			
	Total U.S. ^a	Total	Space heating ^b	Water heating	Other ^c
All homes	123.53	507	426	145	272
Alabama	1.90	Q	Q	N	Q
Alaska	0.26	672	605	174	Q
Arizona	2.68	Q	Q	Q	N
Arkansas	1.14	N	N	N	N
California	13.18	Q	N	Q	N
Colorado	2.26	Q	N	Q	N
Connecticut	1.38	629	515	144	365
Delaware	0.38	352	357	Q	Q
District of Columbia	0.32	Q	Q	Q	N
Florida	8.06	N	N	N	N
Georgia	3.88	Q	Q	N	N
Hawaii	0.47	N	N	N	N
Idaho	0.66	Q	Q	N	N
Illinois	4.90	Q	Q	N	N
Indiana	2.60	Q	Q	Q	N
Iowa	1.28	Q	Q	N	N
Kansas	1.13	N	N	N	N
Kentucky	1.74	Q	Q	N	Q
Louisiana	1.73	N	N	N	N
Maine	0.56	567	445	155	265
Maryland	2.28	426	378	Q	Q
Massachusetts	2.71	619	497	153	266
Michigan	3.92	447	413	Q	Q
Minnesota	2.23	Q	Q	N	N
Mississippi	1.08	Q	Q	N	N
Missouri	2.43	N	N	N	N
Montana	0.43	Q	Q	Q	Q
Nebraska	0.77	N	N	N	N
Nevada	1.14	N	N	N	N
New Hampshire	0.54	591	521	147	Q

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	Total U.S. ^a	Total	Space heating ^b	Water heating	Other ^c
All homes	123.53	507	426	145	272
New Jersey	3.39	423	377	146	Q
New Mexico	0.79	N	N	N	N
New York	7.52	505	396	144	307
North Carolina	4.01	245	223	N	Q
North Dakota	0.32	488	476	Q	N
Ohio	4.74	512	460	Q	Q
Oklahoma	1.49	N	N	N	N
Oregon	1.65	Q	Q	N	N
Pennsylvania	5.13	491	425	134	251
Rhode Island	0.42	585	475	138	Q
South Carolina	1.97	Q	Q	N	N
South Dakota	0.35	Q	Q	N	N
Tennessee	2.66	Q	Q	N	Q
Texas	10.26	Q	N	Q	N
Utah	1.04	N	N	N	N
Vermont	0.26	518	451	152	Q
Virginia	3.24	326	287	Q	Q
Washington	2.94	Q	Q	N	N
West Virginia	0.70	Q	Q	N	N
Wisconsin	2.39	Q	Q	Q	Q
Wyoming	0.23	N	N	N	N

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		Total U.S. ^a	Total	Space heating ^b	Water heating
All homes	123.53	507	426	145	272

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^b Includes main (primary) and secondary space heating.

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N = No households in reporting sample.

Relative standard errors (RSEs) for CE4.6.FO.ST Annual household site fuel oil or kerosene end-use consumption in the United States by state—averages, 2020

	RSEs for number of housing units				
	Total U.S. ^a	Total	Space heating ^b	Water heating	Other ^c
All homes	0.00	2.14	2.48	1.58	5.32
Alabama	0.00	107.05	48.73	0.00	0.00
Alaska	0.00	7.45	7.80	6.03	2.04
Arizona	0.00	0.00	0.00	0.00	0.00
Arkansas	0.00	0.00	0.00	0.00	0.00
California	0.00	0.00	0.00	0.00	0.00
Colorado	0.00	0.00	0.00	0.00	0.00
Connecticut	0.00	5.58	6.31	5.54	22.84
Delaware	0.00	16.46	14.35	18.76	0.00
District of Columbia	0.00	31.46	46.16	25.04	0.00
Florida	0.00	0.00	0.00	0.00	0.00
Georgia	0.00	122.16	122.16	0.00	0.00
Hawaii	0.00	0.00	0.00	0.00	0.00
Idaho	0.00	54.29	54.29	0.00	0.00
Illinois	0.00	87.18	87.18	0.00	0.00
Indiana	0.00	61.20	130.55	35.54	0.00
Iowa	0.00	0.00	0.00	0.00	0.00
Kansas	0.00	0.00	0.00	0.00	0.00
Kentucky	0.00	45.40	35.32	0.00	0.00
Louisiana	0.00	0.00	0.00	0.00	0.00
Maine	0.00	3.99	5.49	4.29	16.80
Maryland	0.00	9.63	8.59	12.95	4.24
Massachusetts	0.00	3.71	4.76	3.56	13.53
Michigan	0.00	20.53	24.49	42.19	0.00
Minnesota	0.00	15.26	15.26	0.00	0.00
Mississippi	0.00	0.00	0.00	0.00	0.00
Missouri	0.00	0.00	0.00	0.00	0.00
Montana	0.00	76.06	104.42	0.00	0.00
Nebraska	0.00	0.00	0.00	0.00	0.00
Nevada	0.00	0.00	0.00	0.00	0.00
New Hampshire	0.00	5.34	5.58	7.82	32.24

Relative standard errors (RSEs) for CE4.6.FO.ST Annual household site fuel oil or kerosene end-use consumption in the United States by state—averages, 2020

	RSEs for number of housing units	RSEs for average site fuel oil or kerosene consumption			
	Total U.S. ^a	Total	Space heating ^b	Water heating	Other ^c
All homes	0.00	2.14	2.48	1.58	5.32
New Jersey	0.00	11.17	10.78	6.92	83.85
New Mexico	0.00	0.00	0.00	0.00	0.00
New York	0.00	5.33	6.45	3.41	11.93
North Carolina	0.00	20.87	20.41	0.00	0.00
North Dakota	0.00	17.23	17.60	0.00	0.00
Ohio	0.00	19.60	20.72	0.00	7.66
Oklahoma	0.00	0.00	0.00	0.00	0.00
Oregon	0.00	24.00	24.00	0.00	0.00
Pennsylvania	0.00	6.88	7.61	7.90	15.97
Rhode Island	0.00	5.86	7.53	6.34	14.62
South Carolina	0.00	0.00	0.00	0.00	0.00
South Dakota	0.00	55.51	55.51	0.00	0.00
Tennessee	0.00	47.96	82.19	0.00	3.53
Texas	0.00	14.83	0.00	14.83	0.00
Utah	0.00	0.00	0.00	0.00	0.00
Vermont	0.00	4.90	4.87	5.78	34.67
Virginia	0.00	15.87	18.19	18.07	44.14
Washington	0.00	0.00	0.00	0.00	0.00
West Virginia	0.00	31.28	31.28	0.00	0.00
Wisconsin	0.00	43.43	39.70	0.00	156.37
Wyoming	0.00	0.00	0.00	0.00	0.00

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