

Data release date: June 2023

CE4.1.FO.ST Annual household site fuel oil or kerosene end-use consumption in the United States by state—totals and percentages, 2020

	Number of housing units (million)		Total site fuel oil or kerosene consumption (trillion Btu)					
	Total U.S. ^a	Total	Space heating ^b		Water heating		Other ^c	
All homes	123.53	395.7	315.3	80%	53.4	14%	27.0	7%
Alabama	1.90	Q	Q	Q	N	N	Q	Q
Alaska	0.26	6.3	5.4	86%	0.9	14%	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	47.5	38.9	82%	6.0	13%	2.6	6%
Delaware	0.38	1.9	1.5	80%	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	23.8	18.0	76%	4.1	17%	1.6	7%
Maryland	2.28	9.8	8.7	89%	Q	Q	Q	Q
Massachusetts	2.71	59.5	46.4	78%	8.6	14%	4.6	8%
Michigan	3.92	7.2	6.1	84%	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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Number
of
housing
units Total site fuel oil or kerosene consumption
(million) (trillion Btu)

	Total U.S. ^a	Total	Space heating ^b		Water heating		Other ^c	
All homes	123.53	395.7	315.3	80%	53.4	14%	27.0	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	18.9	15.9	84%	2.4	13%	Q	Q
New Jersey	3.39	15.4	12.3	80%	2.2	14%	Q	Q
New Mexico	0.79	N	N	N	N	N	N	N
New York	7.52	94.7	69.5	73%	16.8	18%	8.4	9%
North Carolina	4.01	3.1	2.8	91%	N	N	Q	Q
North Dakota	0.32	0.8	0.7	98%	Q	Q	N	N
Ohio	4.74	10.3	9.3	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	52.5	43.1	82%	5.5	11%	3.9	7%
Rhode Island	0.42	10.7	8.7	81%	1.5	14%	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	9.7	8.2	84%	1.2	13%	Q	Q
Virginia	3.24	8.3	7.4	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 site fuel oil or kerosene consumption (trillion Btu)						
		Total U.S. ^a	Total	Space heating ^b	Water heating	Other ^c		
All homes	123.53	395.7	315.3	80%	53.4	14%	27.0	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.

Btu = British thermal units

^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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CE4.1.FO.ST Annual household site fuel oil or kerosene end-use consumption in the United States by state—totals and percentages, 2020

	Number of housing units (million)	Total site fuel oil or kerosene consumption (million gallons)						
	Total U.S. ^a	Total	Space heating ^b		Water heating		Other ^c	
All homes	123.53	2,880.3	2,294.8	80%	389.0	14%	196.5	7%
Alabama	1.90	Q	Q	Q	N	N	Q	Q
Alaska	0.26	45.9	39.2	86%	6.3	14%	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	345.7	283.1	82%	43.4	13%	19.2	6%
Delaware	0.38	13.6	10.9	80%	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	173.1	131.0	76%	30.2	17%	12.0	7%
Maryland	2.28	71.3	63.2	89%	Q	Q	Q	Q
Massachusetts	2.71	433.4	337.5	78%	62.6	14%	33.3	8%
Michigan	3.92	52.6	44.4	84%	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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	Total U.S. ^a	Total	Space heating ^b		Water heating		Other ^c	
All homes	123.53	2,880.3	2,294.8	80%	389.0	14%	196.5	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	137.2	115.5	84%	17.5	13%	Q	Q
New Jersey	3.39	112.0	89.3	80%	16.1	14%	Q	Q
New Mexico	0.79	N	N	N	N	N	N	N
New York	7.52	689.1	505.6	73%	122.6	18%	60.9	9%
North Carolina	4.01	22.7	20.6	91%	N	N	Q	Q
North Dakota	0.32	5.5	5.4	98%	Q	Q	N	N
Ohio	4.74	75.2	67.6	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	382.3	313.5	82%	40.3	11%	28.4	7%
Rhode Island	0.42	77.9	63.2	81%	11.2	14%	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	70.6	59.4	84%	9.0	13%	Q	Q
Virginia	3.24	60.8	53.6	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 site fuel oil or kerosene consumption (million gallons)						
		Total U.S. ^a	Total	Space heating ^b	Water heating	Other ^c		
All homes	123.53	2,880.3	2,294.8	80%	389.0	14%	196.5	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*

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Relative standard errors (RSEs) for CE4.1.FO.ST Annual household site fuel oil or kerosene end-use consumption in the United States by state—totals and percentages, 2020

	RSEs for number of housing units	RSEs for total site fuel oil or kerosene consumption						
	Total U.S. ^a	Total	Space heating ^b		Water heating		Other ^c	
All homes	0.00	3.43	3.41	1.13	5.16	4.28	11.81	10.29
Alabama	0.00	91.22	76.41	207.00	0.00	0.00	17.43	99.79
Alaska	0.00	12.10	12.53	1.89	14.78	11.14	75.08	74.36
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	8.73	9.00	2.55	12.15	10.11	39.31	37.72
Delaware	0.00	29.18	30.68	8.14	45.76	41.98	13.72	104.12
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	69.59	69.59	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	55.07	49.74	19.41	0.00	0.00	15.66	103.95
Louisiana	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maine	0.00	7.23	7.82	3.01	9.21	7.66	24.88	22.54
Maryland	0.00	19.34	18.89	3.34	41.32	36.37	70.78	68.86
Massachusetts	0.00	7.36	7.77	2.43	11.84	7.98	20.71	20.57
Michigan	0.00	33.06	36.25	9.39	57.00	55.51	14.83	106.81
Minnesota	0.00	46.71	46.71	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 CE4.1.FO.ST Annual household site fuel oil or kerosene end-use consumption in the United States by state—totals and percentages, 2020

	RSEs for number of housing units	RSEs for total site fuel oil or kerosene consumption						
	Total U.S. ^a	Total	Space heating ^b	Water heating	Other ^c			
All homes	0.00	3.43	3.41	1.13	5.16	4.28	11.81	10.29

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*

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