

Preliminary data release date: June 2022

Final data release date: March 2023

Highlights for water heating in U.S. homes by state, 2020

Number (million) and percentage of housing units

Main water heating fuel

	Total ^a	Electricity	Natural gas	Propane	Fuel oil or kerosene				
All homes	123.53	57.04	46%	59.33	48%	4.12	3%	2.62	2%
Alabama	1.90	1.37	72%	0.49	26%	Q	Q	N	N
Alaska	0.26	0.07	28%	0.13	52%	0.01	3%	0.04	14%
Arizona	2.68	1.48	55%	1.08	40%	0.08	3%	Q	Q
Arkansas	1.14	0.68	59%	0.42	37%	0.04	4%	N	N
California	13.18	2.48	19%	10.27	78%	0.40	3%	Q	Q
Colorado	2.26	0.50	22%	1.66	73%	0.08	3%	Q	Q
Connecticut	1.38	0.51	37%	0.52	38%	0.05	3%	0.30	21%
Delaware	0.38	0.22	57%	0.11	29%	0.04	10%	Q	Q
District of Columbia	0.32	0.17	52%	0.15	46%	Q	Q	Q	Q
Florida	8.06	7.09	88%	0.83	10%	0.12	1%	N	N
Georgia	3.88	2.31	59%	1.46	38%	0.11	3%	N	N
Hawaii	0.47	0.31	66%	0.05	11%	0.02	5%	N	N
Idaho	0.66	0.31	47%	0.33	50%	Q	Q	N	N
Illinois	4.90	1.38	28%	3.39	69%	0.13	3%	N	N
Indiana	2.60	1.13	43%	1.35	52%	0.09	4%	Q	Q
Iowa	1.28	0.42	33%	0.75	58%	0.11	9%	N	N
Kansas	1.13	0.36	32%	0.69	61%	0.08	7%	N	N
Kentucky	1.74	1.13	65%	0.58	33%	Q	Q	N	N
Louisiana	1.73	1.05	61%	0.63	37%	Q	Q	N	N
Maine	0.56	0.20	35%	0.08	14%	0.08	14%	0.19	34%
Maryland	2.28	1.30	57%	0.88	39%	Q	Q	Q	Q
Massachusetts	2.71	0.81	30%	1.42	52%	0.06	2%	0.41	15%
Michigan	3.92	1.07	27%	2.60	66%	0.21	5%	Q	Q
Minnesota	2.23	0.83	37%	1.32	59%	0.07	3%	N	N
Mississippi	1.08	0.70	65%	0.31	29%	0.07	7%	N	N
Missouri	2.43	1.14	47%	1.22	50%	Q	Q	N	N
Montana	0.43	0.18	41%	0.22	52%	Q	Q	Q	Q
Nebraska	0.77	0.25	33%	0.49	65%	Q	Q	N	N
Nevada	1.14	0.31	27%	0.77	67%	0.06	5%	N	N
New Hampshire	0.54	0.20	38%	0.12	22%	0.09	17%	0.12	22%

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	Total ^a	Electricity	Natural gas	Propane	Fuel oil or kerosene				
All homes	123.53	57.04	46%	59.33	48%	4.12	3%	2.62	2%
New Jersey	3.39	0.87	26%	2.36	70%	Q	Q	0.11	3%
New Mexico	0.79	0.16	20%	0.55	70%	0.08	10%	N	N
New York	7.52	2.11	28%	4.28	57%	0.27	4%	0.83	11%
North Carolina	4.01	3.00	75%	0.90	22%	0.11	3%	N	N
North Dakota	0.32	0.18	58%	0.11	36%	0.02	5%	Q	Q
Ohio	4.74	1.78	38%	2.71	57%	0.23	5%	Q	Q
Oklahoma	1.49	0.68	45%	0.74	50%	0.07	5%	N	N
Oregon	1.65	1.07	65%	0.54	33%	Q	Q	N	N
Pennsylvania	5.13	2.28	45%	2.36	46%	0.17	3%	0.29	6%
Rhode Island	0.42	0.11	26%	0.21	51%	Q	Q	0.08	19%
South Carolina	1.97	1.52	77%	0.40	21%	Q	Q	N	N
South Dakota	0.35	0.17	48%	0.16	46%	0.02	6%	N	N
Tennessee	2.66	1.97	74%	0.63	24%	0.05	2%	N	N
Texas	10.26	5.56	54%	4.35	42%	0.32	3%	Q	Q
Utah	1.04	0.16	15%	0.86	83%	Q	Q	N	N
Vermont	0.26	0.09	36%	0.05	21%	0.05	20%	0.06	23%
Virginia	3.24	2.04	63%	1.05	33%	0.13	4%	Q	Q
Washington	2.94	1.84	62%	1.01	34%	0.08	3%	N	N
West Virginia	0.70	0.50	71%	0.20	28%	Q	Q	N	N
Wisconsin	2.39	0.94	39%	1.37	57%	0.06	3%	Q	Q
Wyoming	0.23	0.08	33%	0.14	62%	Q	Q	N	N

Data source: U.S. Energy Information Administration, Office of Energy Demand and Integrated Statistics, Form EIA-457A 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 characteristics between states may not be statistically significant.

^a Total includes all primary occupied housing units. Vacant housing units, seasonal units, second homes, military houses, and group quarters are excluded.

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

N = No households in reporting sample.

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Relative standard errors (RSEs) for Highlights for water heating in U.S. homes by state, 2020

RSEs for number and percentage of housing units

Main water heating fuel

	Total ^a	Electricity		Natural gas		Propane	Fuel oil or kerosene		
All homes	0.00	0.80	0.80	0.75	0.75	4.44	4.44	5.20	5.20
Alabama	0.00	4.21	4.21	11.61	11.61	41.07	41.07	0.00	0.00
Alaska	0.00	10.14	10.14	5.75	5.75	30.96	30.96	13.77	13.77
Arizona	0.00	3.95	3.95	5.32	5.32	24.75	24.75	101.21	101.21
Arkansas	0.00	5.48	5.48	8.56	8.56	32.95	32.95	0.00	0.00
California	0.00	6.46	6.46	1.71	1.71	16.01	16.01	101.19	101.19
Colorado	0.00	9.74	9.74	3.55	3.55	39.79	39.79	101.76	101.76
Connecticut	0.00	8.44	8.44	7.95	7.95	26.92	26.92	10.83	10.83
Delaware	0.00	8.03	8.03	14.24	14.24	24.27	24.27	43.57	43.57
District of Columbia	0.00	6.26	6.26	7.05	7.05	100.01	100.01	71.37	71.37
Florida	0.00	1.48	1.48	11.66	11.66	28.21	28.21	0.00	0.00
Georgia	0.00	4.37	4.37	6.94	6.94	29.68	29.68	0.00	0.00
Hawaii	0.00	4.14	4.14	14.96	14.96	26.81	26.81	0.00	0.00
Idaho	0.00	6.99	6.99	6.00	6.00	33.91	33.91	0.00	0.00
Illinois	0.00	7.85	7.85	3.51	3.51	26.84	26.84	0.00	0.00
Indiana	0.00	5.91	5.91	5.17	5.17	29.52	29.52	75.73	75.73
Iowa	0.00	8.96	8.96	5.21	5.21	16.94	16.94	0.00	0.00
Kansas	0.00	10.48	10.48	5.50	5.50	24.28	24.28	0.00	0.00
Kentucky	0.00	3.02	3.02	5.65	5.65	41.26	41.26	0.00	0.00
Louisiana	0.00	4.99	4.99	8.29	8.29	40.49	40.49	0.00	0.00
Maine	0.00	7.99	7.99	16.07	16.07	15.01	15.01	8.12	8.12
Maryland	0.00	5.09	5.09	7.45	7.45	36.69	36.69	40.72	40.72
Massachusetts	0.00	6.84	6.84	4.15	4.15	28.13	28.13	12.06	12.06
Michigan	0.00	10.01	10.01	4.41	4.41	25.27	25.27	58.47	58.47
Minnesota	0.00	7.38	7.38	4.72	4.72	29.23	29.23	0.00	0.00
Mississippi	0.00	6.68	6.68	14.14	14.14	30.01	30.01	0.00	0.00

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RSEs for number and percentage of housing units

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All homes	0.00	0.80	0.80	0.75	0.75	4.44	4.44	5.20	5.20
Missouri	0.00	6.64	6.64	6.36	6.36	34.56	34.56	0.00	0.00
Montana	0.00	8.83	8.83	7.37	7.37	36.41	36.41	101.94	101.94
Nebraska	0.00	10.26	10.26	5.47	5.47	47.64	47.64	0.00	0.00
Nevada	0.00	12.73	12.73	5.66	5.66	30.21	30.21	0.00	0.00
New Hampshire	0.00	9.53	9.53	15.31	15.31	15.72	15.72	15.67	15.67
New Jersey	0.00	7.64	7.64	3.08	3.08	38.01	38.01	28.55	28.55
New Mexico	0.00	16.19	16.19	5.49	5.49	25.36	25.36	0.00	0.00
New York	0.00	5.14	5.14	2.75	2.75	16.46	16.46	11.26	11.26
North Carolina	0.00	2.76	2.76	8.46	8.46	26.08	26.08	0.00	0.00
North Dakota	0.00	4.80	4.80	7.75	7.75	21.85	21.85	100.43	100.43
Ohio	0.00	7.14	7.14	4.69	4.69	25.65	25.65	100.37	100.37
Oklahoma	0.00	7.82	7.82	6.99	6.99	30.41	30.41	0.00	0.00
Oregon	0.00	4.20	4.20	8.08	8.08	41.20	41.20	0.00	0.00
Pennsylvania	0.00	4.09	4.09	4.15	4.15	21.85	21.85	17.15	17.15
Rhode Island	0.00	14.70	14.70	8.40	8.40	54.90	54.90	15.03	15.03
South Carolina	0.00	3.14	3.14	11.41	11.41	35.91	35.91	0.00	0.00
South Dakota	0.00	8.90	8.90	9.54	9.54	28.88	28.88	0.00	0.00
Tennessee	0.00	2.72	2.72	7.75	7.75	29.67	29.67	0.00	0.00
Texas	0.00	3.14	3.14	4.02	4.02	17.78	17.78	81.12	81.12
Utah	0.00	20.20	20.20	4.06	4.06	72.75	72.75	0.00	0.00
Vermont	0.00	9.25	9.25	14.03	14.03	12.66	12.66	10.92	10.92
Virginia	0.00	3.64	3.64	6.71	6.71	27.15	27.15	57.34	57.34
Washington	0.00	3.14	3.14	5.78	5.78	28.25	28.25	0.00	0.00
West Virginia	0.00	5.05	5.05	12.65	12.65	100.20	100.20	0.00	0.00
Wisconsin	0.00	6.54	6.54	4.63	4.63	35.42	35.42	99.90	99.90
Wyoming	0.00	10.25	10.25	5.62	5.62	31.99	31.99	0.00	0.00

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RSEs for number and percentage of housing units

Main water heating fuel

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All homes	0.00	0.80	0.80	0.75	0.75	4.44	4.44	5.20	5.20

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