

Preliminary data release date: June 2022

Final data release date: March 2023

Highlights for fuels used in U.S. homes by state, 2020

Number (million) and percentage of housing units

	Fuels used in home for any use										
	Total ^a	Home is all-electric ^b		Natural gas		Propane ^c		Wood		Fuel oil or kerosene	
All homes	123.53	31.17	25%	75.31	61%	11.14	9%	11.05	9%	5.68	5%
Alabama	1.90	0.73	38%	0.83	44%	0.26	14%	0.20	10%	Q	Q
Alaska	0.26	0.03	10%	0.16	62%	0.02	10%	0.06	24%	0.07	27%
Arizona	2.68	1.06	39%	1.37	51%	0.17	6%	0.19	7%	Q	Q
Arkansas	1.14	0.35	31%	0.58	51%	0.16	14%	0.15	13%	N	N
California	13.18	1.03	8%	11.60	88%	0.63	5%	1.03	8%	Q	Q
Colorado	2.26	0.23	10%	1.88	83%	0.12	5%	0.20	9%	Q	Q
Connecticut	1.38	0.14	10%	0.67	49%	0.19	14%	0.22	16%	0.55	40%
Delaware	0.38	0.11	28%	0.18	47%	0.08	22%	Q	Q	0.04	10%
District of Columbia	0.32	0.07	23%	0.24	75%	Q	Q	Q	Q	Q	Q
Florida	8.06	6.21	77%	1.26	16%	0.38	5%	0.34	4%	N	N
Georgia	3.88	1.24	32%	2.12	55%	0.41	11%	0.32	8%	Q	Q
Hawaii	0.47	0.34	72%	0.08	16%	0.06	12%	Q	Q	N	N
Idaho	0.66	0.12	18%	0.43	65%	0.06	10%	0.10	15%	Q	Q
Illinois	4.90	0.53	11%	4.13	84%	0.21	4%	0.30	6%	Q	Q
Indiana	2.60	0.48	19%	1.83	71%	0.24	9%	0.18	7%	Q	Q
Iowa	1.28	0.15	12%	0.94	73%	0.19	15%	0.07	6%	Q	Q
Kansas	1.13	0.16	14%	0.84	75%	0.12	11%	0.11	10%	N	N
Kentucky	1.74	0.63	37%	0.84	48%	0.18	10%	0.13	7%	Q	Q
Louisiana	1.73	0.74	43%	0.81	47%	0.10	6%	0.18	11%	N	N
Maine	0.56	0.04	7%	0.13	22%	0.21	37%	0.16	28%	0.31	54%
Maryland	2.28	0.66	29%	1.25	55%	0.14	6%	0.24	11%	0.17	7%
Massachusetts	2.71	0.28	10%	1.73	64%	0.21	8%	0.31	12%	0.70	26%
Michigan	3.92	0.23	6%	3.15	80%	0.42	11%	0.37	9%	0.12	3%
Minnesota	2.23	0.20	9%	1.60	72%	0.40	18%	0.16	7%	Q	Q
Mississippi	1.08	0.40	37%	0.43	40%	0.20	19%	0.08	7%	Q	Q
Missouri	2.43	0.60	25%	1.54	64%	0.22	9%	0.25	10%	N	N
Montana	0.43	0.08	18%	0.27	63%	0.05	12%	0.08	18%	Q	Q
Nebraska	0.77	0.15	19%	0.56	74%	0.05	6%	0.05	7%	N	N
Nevada	1.14	0.18	16%	0.87	77%	0.06	6%	0.12	11%	N	N
New Hampshire	0.54	0.04	7%	0.17	31%	0.18	34%	0.16	29%	0.23	43%

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	Total ^a	Home is all-electric ^b		Natural gas		Propane ^c		Wood		Fuel oil or kerosene	
All homes	123.53	31.17	25%	75.31	61%	11.14	9%	11.05	9%	5.68	5%
New Jersey	3.39	0.36	11%	2.78	82%	0.15	4%	0.25	7%	0.26	8%
New Mexico	0.79	Q	Q	0.64	82%	0.08	10%	0.15	20%	N	N
New York	7.52	0.51	7%	5.86	78%	0.79	11%	0.45	6%	1.37	18%
North Carolina	4.01	1.75	44%	1.47	37%	0.52	13%	0.26	7%	0.09	2%
North Dakota	0.32	0.08	26%	0.16	52%	0.06	18%	0.02	6%	0.01	4%
Ohio	4.74	0.78	17%	3.31	70%	0.44	9%	0.39	8%	0.15	3%
Oklahoma	1.49	0.33	22%	0.93	62%	0.15	10%	0.25	17%	N	N
Oregon	1.65	0.56	34%	0.80	49%	0.11	7%	0.37	23%	Q	Q
Pennsylvania	5.13	0.84	16%	2.93	57%	0.71	14%	0.61	12%	0.78	15%
Rhode Island	0.42	0.03	7%	0.26	62%	0.04	10%	0.05	13%	0.13	32%
South Carolina	1.97	0.89	45%	0.78	40%	0.24	12%	0.12	6%	Q	Q
South Dakota	0.35	0.07	20%	0.22	63%	0.05	16%	0.03	7%	Q	Q
Tennessee	2.66	1.18	45%	1.10	42%	0.23	8%	0.22	8%	Q	Q
Texas	10.26	3.70	36%	5.53	54%	0.60	6%	0.82	8%	Q	Q
Utah	1.04	0.09	9%	0.94	90%	Q	Q	0.07	7%	N	N
Vermont	0.26	Q	Q	0.07	26%	0.10	39%	0.07	29%	0.14	53%
Virginia	3.24	1.05	32%	1.45	45%	0.45	14%	0.38	12%	0.19	6%
Washington	2.94	1.22	41%	1.32	45%	0.24	8%	0.33	11%	Q	Q
West Virginia	0.70	0.22	31%	0.33	48%	0.09	13%	0.10	14%	Q	Q
Wisconsin	2.39	0.26	11%	1.79	75%	0.30	13%	0.28	12%	Q	Q
Wyoming	0.23	0.03	12%	0.17	74%	0.02	11%	0.04	16%	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.

^b Home is all-electric refers to homes that only use electricity and do not use natural gas, propane, wood, fuel oil or kerosene for any end use. May include homes that use other fuels for outdoor grilling only.

^c Households that use propane only for outdoor grilling are excluded from the RECS estimate of households using propane.

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 fuels used in U.S. homes by state, 2020

RSEs for number and percentage of housing units

	Fuels used in home for any use										
	Total ^a	Home is all-electric ^b		Natural gas		Propane ^c		Wood		Fuel oil or kerosene	
All homes	0.00	1.30	1.30	0.57	0.57	2.48	2.48	2.35	2.35	3.26	3.26
Alabama	0.00	7.43	7.43	8.12	8.12	15.09	15.09	21.32	21.32	71.36	71.36
Alaska	0.00	18.89	18.89	4.38	4.38	16.12	16.12	10.52	10.52	9.72	9.72
Arizona	0.00	5.74	5.74	4.42	4.42	19.18	19.18	15.15	15.15	101.21	101.21
Arkansas	0.00	10.34	10.34	6.07	6.07	14.67	14.67	16.46	16.46	0.00	0.00
California	0.00	10.48	10.48	1.05	1.05	14.04	14.04	10.24	10.24	101.19	101.19
Colorado	0.00	14.98	14.98	2.70	2.70	31.18	31.18	15.86	15.86	101.76	101.76
Connecticut	0.00	19.88	19.88	6.19	6.19	13.91	13.91	13.22	13.22	6.65	6.65
Delaware	0.00	15.09	15.09	10.00	10.00	15.16	15.16	48.52	48.52	25.70	25.70
District of Columbia	0.00	13.65	13.65	4.32	4.32	100.01	100.01	44.15	44.15	49.57	49.57
Florida	0.00	2.16	2.16	8.72	8.72	14.71	14.71	18.33	18.33	0.00	0.00
Georgia	0.00	8.87	8.87	5.28	5.28	12.93	12.93	16.01	16.01	70.56	70.56
Hawaii	0.00	3.66	3.66	11.36	11.36	16.35	16.35	100.31	100.31	0.00	0.00
Idaho	0.00	14.43	14.43	4.15	4.15	17.61	17.61	13.31	13.31	56.64	56.64
Illinois	0.00	14.27	14.27	1.99	1.99	18.90	18.90	16.22	16.22	84.48	84.48
Indiana	0.00	11.70	11.70	3.56	3.56	16.46	16.46	18.20	18.20	61.41	61.41
Iowa	0.00	20.46	20.46	4.09	4.09	11.75	11.75	26.66	26.66	100.80	100.80
Kansas	0.00	20.46	20.46	4.03	4.03	19.70	19.70	19.96	19.96	0.00	0.00
Kentucky	0.00	5.77	5.77	4.47	4.47	12.73	12.73	20.21	20.21	40.98	40.98
Louisiana	0.00	7.25	7.25	7.22	7.22	24.91	24.91	13.88	13.88	0.00	0.00
Maine	0.00	32.34	32.34	13.71	13.71	9.15	9.15	10.97	10.97	6.34	6.34
Maryland	0.00	8.60	8.60	4.86	4.86	18.52	18.52	13.13	13.13	17.32	17.32
Massachusetts	0.00	13.59	13.59	3.17	3.17	13.13	13.13	12.56	12.56	7.34	7.34
Michigan	0.00	27.40	27.40	2.95	2.95	15.14	15.14	17.96	17.96	28.14	28.14
Minnesota	0.00	21.29	21.29	3.78	3.78	11.15	11.15	20.32	20.32	43.84	43.84
Mississippi	0.00	11.00	11.00	10.42	10.42	16.65	16.65	28.81	28.81	101.02	101.02
Missouri	0.00	11.58	11.58	5.27	5.27	17.95	17.95	18.54	18.54	0.00	0.00
Montana	0.00	18.21	18.21	6.70	6.70	22.54	22.54	17.13	17.13	73.13	73.13
Nebraska	0.00	15.14	15.14	4.81	4.81	25.41	25.41	24.21	24.21	0.00	0.00
Nevada	0.00	18.16	18.16	4.56	4.56	27.70	27.70	23.59	23.59	0.00	0.00
New Hampshire	0.00	29.01	29.01	12.17	12.17	11.08	11.08	10.80	10.80	9.66	9.66

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RSEs for number and percentage of housing units

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	Total ^a	Home is all-electric ^b		Natural gas		Propane ^c		Wood		Fuel oil or kerosene	
All homes	0.00	1.30	1.30	0.57	0.57	2.48	2.48	2.35	2.35	3.26	3.26
New Jersey	0.00	12.50	12.50	2.27	2.27	24.37	24.37	16.31	16.31	17.77	17.77
New Mexico	0.00	40.91	40.91	3.95	3.95	25.36	25.36	14.47	14.47	0.00	0.00
New York	0.00	12.46	12.46	1.42	1.42	8.10	8.10	11.36	11.36	8.43	8.43
North Carolina	0.00	6.05	6.05	6.49	6.49	12.85	12.85	17.91	17.91	30.88	30.88
North Dakota	0.00	9.22	9.22	4.73	4.73	12.29	12.29	22.13	22.13	37.17	37.17
Ohio	0.00	11.99	11.99	2.90	2.90	16.82	16.82	19.55	19.55	29.41	29.41
Oklahoma	0.00	13.77	13.77	5.16	5.16	19.29	19.29	14.32	14.32	0.00	0.00
Oregon	0.00	9.23	9.23	5.99	5.99	22.53	22.53	11.28	11.28	41.16	41.16
Pennsylvania	0.00	12.04	12.04	3.85	3.85	10.77	10.77	10.24	10.24	8.81	8.81
Rhode Island	0.00	30.83	30.83	6.51	6.51	23.92	23.92	15.78	15.78	11.24	11.24
South Carolina	0.00	6.41	6.41	6.67	6.67	15.64	15.64	21.00	21.00	100.18	100.18
South Dakota	0.00	19.64	19.64	6.90	6.90	18.23	18.23	31.85	31.85	71.62	71.62
Tennessee	0.00	4.74	4.74	5.11	5.11	15.34	15.34	15.13	15.13	43.82	43.82
Texas	0.00	3.98	3.98	2.81	2.81	11.83	11.83	10.33	10.33	81.12	81.12
Utah	0.00	31.26	31.26	3.13	3.13	60.92	60.92	28.69	28.69	0.00	0.00
Vermont	0.00	36.73	36.73	11.59	11.59	7.61	7.61	9.96	9.96	7.30	7.30
Virginia	0.00	5.90	5.90	5.32	5.32	11.30	11.30	12.61	12.61	21.21	21.21
Washington	0.00	5.15	5.15	4.92	4.92	14.79	14.79	12.41	12.41	100.22	100.22
West Virginia	0.00	11.10	11.10	8.06	8.06	19.82	19.82	17.44	17.44	36.23	36.23
Wisconsin	0.00	17.65	17.65	3.33	3.33	12.37	12.37	14.63	14.63	34.39	34.39
Wyoming	0.00	20.87	20.87	4.23	4.23	20.65	20.65	16.55	16.55	0.00	0.00

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: See RECS Terminology for the definitions of terms used in these tables. Differences in characteristics between states may not be statistically significant.

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