

## CE5.1.ST Detailed household site electricity end-use consumption in the United States by state—totals, 2020

	Total site electricity consumption <sup>a</sup> (trillion Btu)														
	Space heating <sup>b</sup>	Air handlers for heating	Air conditioning <sup>c</sup>	Air handlers for cooling	Water heating	Cooking <sup>d</sup>	All refrigerators	Most used refrigerators	Second refrigerators	Separate freezers	Clothes washers	Clothes dryers	All TVs and related <sup>e</sup>	Most-used TVs	Lighting
<b>All homes</b>	549.6	80.2	866.1	129.6	532.9	79.6	351.8	258.8	71.7	80.0	24.2	190.6	258.1	85.9	275.7
Alabama	14.3	0.6	18.7	2.9	13.4	1.6	5.9	4.2	1.4	2.0	0.5	4.3	4.7	1.7	4.7
Alaska	0.7	0.3	*	Q	0.8	0.2	0.7	0.5	0.1	0.3	*	0.4	0.5	0.2	0.6
Arizona	7.1	0.5	44.4	6.6	12.1	1.6	8.4	6.1	2.0	1.5	0.5	4.5	5.8	2.0	6.0
Arkansas	9.0	0.7	10.5	1.5	7.6	1.1	3.2	2.4	0.5	1.0	0.3	2.8	2.4	1.0	3.1
California	10.6	3.1	53.6	7.6	15.0	4.4	37.2	27.8	7.3	4.5	2.1	9.3	25.6	8.1	23.7
Colorado	5.3	2.4	8.3	1.3	4.1	1.6	6.6	4.8	1.2	1.3	0.4	4.0	4.4	1.4	5.2
Connecticut	4.1	1.3	5.0	0.6	3.6	0.9	3.3	2.5	0.6	0.6	0.2	1.9	2.8	0.9	2.3
Delaware	2.2	0.2	2.3	0.4	2.3	0.2	1.0	0.8	0.2	0.2	0.1	0.6	0.9	0.3	0.7
District of Columbia	0.9	0.1	1.5	0.2	1.1	0.1	0.7	0.6	0.1	0.1	*	0.3	0.4	0.2	0.7
Florida	28.6	0.5	115.4	18.3	57.0	6.7	25.2	18.4	5.5	4.0	1.6	14.5	17.1	5.5	16.0
Georgia	19.4	1.6	38.1	6.1	26.0	2.9	12.2	8.8	2.7	2.8	0.9	7.8	10.0	3.0	11.1
Hawaii	*	Q	2.6	0.1	2.4	0.3	1.5	1.0	0.4	0.3	0.1	0.6	0.9	0.3	0.7
Idaho	3.8	0.6	2.4	0.4	4.0	0.6	2.0	1.4	0.4	0.7	0.2	1.6	1.3	0.4	1.6
Illinois	15.4	5.8	24.2	3.8	10.2	1.9	13.4	10.0	2.6	3.0	0.9	4.1	9.9	3.3	10.4
Indiana	19.1	3.2	14.8	2.5	13.0	1.7	7.9	5.6	1.6	2.3	0.6	4.9	5.7	1.9	5.8
Iowa	6.6	2.0	6.2	0.9	3.8	0.8	3.8	2.7	0.8	1.3	0.3	2.3	2.9	1.1	2.7
Kansas	4.4	1.1	9.2	1.5	3.5	0.9	3.4	2.3	0.8	0.9	0.2	2.3	2.4	0.8	2.9
Kentucky	15.9	1.1	12.9	2.1	11.5	1.6	4.9	3.6	1.1	1.3	0.4	4.0	3.8	1.3	4.1
Louisiana	8.5	0.3	24.7	3.6	10.9	1.2	5.3	3.7	1.2	2.0	0.4	3.8	4.6	1.5	5.4
Maine	1.1	0.4	1.0	*	1.5	0.5	1.3	1.1	0.2	0.3	0.1	1.0	0.9	0.4	1.0
Maryland	16.5	1.4	13.6	2.3	12.6	1.6	6.6	4.9	1.3	1.5	0.4	3.4	5.2	1.5	5.2
Massachusetts	7.0	2.0	9.9	0.8	5.6	1.7	6.4	5.0	1.1	0.9	0.4	3.5	4.8	1.5	4.9
Michigan	9.8	6.7	14.2	2.0	9.5	1.9	10.6	8.1	2.2	2.8	0.8	3.8	7.7	2.7	7.9
Minnesota	9.5	3.4	7.5	1.1	8.6	1.7	6.1	4.5	1.3	2.3	0.5	3.4	4.0	1.3	5.1
Mississippi	7.8	0.4	12.7	2.0	6.8	0.9	3.4	2.4	0.7	1.2	0.3	2.3	2.7	0.9	2.7
Missouri	17.2	2.3	18.1	3.0	11.3	1.9	7.4	5.2	1.6	2.2	0.5	4.6	4.8	1.7	6.0
Montana	2.9	0.4	0.8	0.1	1.9	0.3	1.1	0.9	0.2	0.4	0.1	0.9	0.7	0.2	1.0
Nebraska	5.0	0.9	4.2	0.7	2.1	0.6	2.4	1.6	0.5	0.8	0.2	1.7	1.5	0.5	1.7
Nevada	2.0	0.4	13.2	1.9	2.4	0.5	3.5	2.6	0.7	0.5	0.2	1.4	2.7	0.9	2.7
New Hampshire	0.6	0.5	1.4	0.1	1.7	0.4	1.4	1.0	0.3	0.3	0.1	0.9	1.0	0.3	1.0

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(trillion Btu)

	Space heating <sup>b</sup>	Air handlers for heating	Air conditioning <sup>c</sup>	Air handlers for cooling	Water heating	Cooking <sup>d</sup>	All refrigerators	Most used refrigerators	Second refrigerators	Separate freezers	Clothes washers	Clothes dryers	All TVs and related <sup>e</sup>	Most-used TVs	Lighting
<b>All homes</b>	549.6	80.2	866.1	129.6	532.9	79.6	351.8	258.8	71.7	80.0	24.2	190.6	258.1	85.9	275.7
New Jersey	6.6	2.1	19.5	2.8	6.7	1.1	9.5	6.7	2.0	1.3	0.6	2.5	7.0	2.1	7.4
New Mexico	1.8	0.5	4.1	0.5	1.2	0.5	2.1	1.6	0.4	0.6	0.1	1.3	1.4	0.5	1.3
New York	17.3	4.9	29.3	2.2	15.3	2.8	17.5	13.9	2.8	2.7	0.9	6.1	13.2	4.5	14.1
North Carolina	28.5	1.5	30.6	5.3	29.7	3.8	11.4	8.6	2.3	2.5	0.9	8.3	8.4	2.8	9.2
North Dakota	3.2	0.5	0.8	0.1	2.0	0.3	0.9	0.6	0.2	0.4	0.1	0.6	0.7	0.2	0.7
Ohio	26.4	5.8	23.2	3.5	17.3	3.2	13.1	9.9	2.5	3.3	0.9	7.8	10.4	3.6	10.1
Oklahoma	11.3	1.0	15.5	2.5	6.6	1.2	4.5	3.3	0.9	1.3	0.4	3.4	3.5	1.2	4.1
Oregon	12.1	0.8	4.4	0.6	13.6	1.4	4.6	3.3	0.9	1.5	0.3	3.2	3.0	1.1	4.2
Pennsylvania	29.5	4.0	24.7	3.0	24.0	3.4	14.1	10.2	3.0	3.7	1.0	7.4	11.6	3.7	11.2
Rhode Island	0.6	0.3	1.5	0.1	0.7	0.3	1.1	0.8	0.2	0.1	0.1	0.6	0.8	0.2	0.7
South Carolina	13.6	0.6	19.5	3.1	15.4	1.6	5.8	4.3	1.1	1.4	0.5	4.2	4.1	1.4	4.5
South Dakota	2.2	0.5	1.4	0.2	1.7	0.3	1.0	0.7	0.2	0.4	0.1	0.6	0.7	0.2	0.8
Tennessee	23.8	1.1	22.1	3.6	21.3	2.5	7.6	5.6	1.5	2.2	0.6	5.9	5.7	2.0	7.3
Texas	49.4	3.1	132.2	20.6	51.3	7.0	31.4	22.5	6.9	7.0	2.2	18.7	24.5	8.4	28.1
Utah	2.0	1.1	6.0	1.0	1.6	0.8	3.1	2.2	0.6	1.0	0.2	1.9	2.1	0.6	2.6
Vermont	0.4	0.3	0.4	*	0.8	0.2	0.6	0.5	0.1	0.2	*	0.4	0.4	0.1	0.4
Virginia	20.7	1.5	23.4	3.9	22.2	2.5	9.7	7.1	2.0	2.1	0.7	6.0	6.8	2.3	8.4
Washington	29.0	1.4	4.7	0.6	20.6	2.4	7.7	5.9	1.4	2.0	0.6	5.3	5.3	1.8	7.4
West Virginia	8.2	0.7	3.7	0.5	5.8	0.6	1.9	1.5	0.4	0.6	0.2	1.4	1.4	0.5	1.4
Wisconsin	6.3	4.0	7.3	1.1	8.0	1.5	6.6	4.8	1.5	2.1	0.4	3.5	4.8	1.6	4.6
Wyoming	1.4	0.3	0.5	0.1	0.8	0.2	0.6	0.5	0.1	0.3	*	0.4	0.4	0.1	0.4

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. 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

<sup>a</sup> Electricity consumption from on-site solar photovoltaic generation (that is, solar panels) is included. Small amounts of standby power for devices that some households have but do not use (for example, dishwashers) are not included.

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

<sup>c</sup> Includes electricity used by evaporative coolers.

<sup>d</sup> Cooking includes ranges (units with both a cooktop and an oven), separate cooktops, and separate ovens. Microwaves, small kitchen appliances, and outdoor cooking are excluded.

<sup>e</sup> All TVs and related includes TVs and peripherals such as cable and satellite boxes, DVRs, internet streaming devices, video game consoles, DVD or Blu-ray players, VCRs, and home theater or audio systems.

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.

\* = Estimate is less than 0.05 and rounds to zero.

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	Space heating <sup>b</sup>	Air handlers for heating	Air conditioning	Air handlers for cooling	Water heating	Cooking <sup>b</sup>	All refrigerators	Most used refrigerators	Second refrigerators	Separate freezers	Clothes washers	Clothes dryers	All TVs and related <sup>c</sup>	Most-used TVs	Lighting
<b>All homes</b>	161.1	23.5	253.8	38.0	156.2	23.3	103.1	75.8	21.0	23.4	7.1	55.9	75.7	25.2	80.8
Alabama	4.2	0.2	5.5	0.8	3.9	0.5	1.7	1.2	0.4	0.6	0.1	1.3	1.4	0.5	1.4
Alaska	0.2	0.1	*	Q	0.2	0.1	0.2	0.2	*	0.1	*	0.1	0.1	*	0.2
Arizona	2.1	0.1	13.0	1.9	3.6	0.5	2.5	1.8	0.6	0.4	0.2	1.3	1.7	0.6	1.8
Arkansas	2.6	0.2	3.1	0.4	2.2	0.3	0.9	0.7	0.2	0.3	0.1	0.8	0.7	0.3	0.9
California	3.1	0.9	15.7	2.2	4.4	1.3	10.9	8.1	2.1	1.3	0.6	2.7	7.5	2.4	6.9
Colorado	1.6	0.7	2.4	0.4	1.2	0.5	1.9	1.4	0.4	0.4	0.1	1.2	1.3	0.4	1.5
Connecticut	1.2	0.4	1.5	0.2	1.1	0.3	1.0	0.7	0.2	0.2	0.1	0.6	0.8	0.3	0.7
Delaware	0.7	0.1	0.7	0.1	0.7	0.1	0.3	0.2	0.1	0.1	*	0.2	0.3	0.1	0.2
District of Columbia	0.3	*	0.4	0.1	0.3	*	0.2	0.2	*	*	*	0.1	0.1	*	0.2
Florida	8.4	0.2	33.8	5.4	16.7	2.0	7.4	5.4	1.6	1.2	0.5	4.3	5.0	1.6	4.7
Georgia	5.7	0.5	11.2	1.8	7.6	0.9	3.6	2.6	0.8	0.8	0.3	2.3	2.9	0.9	3.3
Hawaii	*	Q	0.8	*	0.7	0.1	0.4	0.3	0.1	0.1	*	0.2	0.3	0.1	0.2
Idaho	1.1	0.2	0.7	0.1	1.2	0.2	0.6	0.4	0.1	0.2	*	0.5	0.4	0.1	0.5
Illinois	4.5	1.7	7.1	1.1	3.0	0.6	3.9	2.9	0.8	0.9	0.3	1.2	2.9	1.0	3.0
Indiana	5.6	0.9	4.3	0.7	3.8	0.5	2.3	1.6	0.5	0.7	0.2	1.4	1.7	0.6	1.7
Iowa	1.9	0.6	1.8	0.3	1.1	0.2	1.1	0.8	0.2	0.4	0.1	0.7	0.8	0.3	0.8
Kansas	1.3	0.3	2.7	0.4	1.0	0.3	1.0	0.7	0.2	0.3	0.1	0.7	0.7	0.2	0.9
Kentucky	4.7	0.3	3.8	0.6	3.4	0.5	1.4	1.0	0.3	0.4	0.1	1.2	1.1	0.4	1.2
Louisiana	2.5	0.1	7.2	1.1	3.2	0.4	1.5	1.1	0.3	0.6	0.1	1.1	1.4	0.4	1.6
Maine	0.3	0.1	0.3	*	0.5	0.1	0.4	0.3	0.1	0.1	*	0.3	0.3	0.1	0.3
Maryland	4.8	0.4	4.0	0.7	3.7	0.5	1.9	1.4	0.4	0.4	0.1	1.0	1.5	0.4	1.5
Massachusetts	2.1	0.6	2.9	0.2	1.6	0.5	1.9	1.5	0.3	0.3	0.1	1.0	1.4	0.4	1.4
Michigan	2.9	2.0	4.2	0.6	2.8	0.6	3.1	2.4	0.6	0.8	0.2	1.1	2.2	0.8	2.3
Minnesota	2.8	1.0	2.2	0.3	2.5	0.5	1.8	1.3	0.4	0.7	0.1	1.0	1.2	0.4	1.5
Mississippi	2.3	0.1	3.7	0.6	2.0	0.3	1.0	0.7	0.2	0.3	0.1	0.7	0.8	0.3	0.8
Missouri	5.1	0.7	5.3	0.9	3.3	0.6	2.2	1.5	0.5	0.6	0.2	1.4	1.4	0.5	1.8
Montana	0.8	0.1	0.2	*	0.5	0.1	0.3	0.3	0.1	0.1	*	0.3	0.2	0.1	0.3
Nebraska	1.5	0.3	1.2	0.2	0.6	0.2	0.7	0.5	0.2	0.2	0.1	0.5	0.4	0.1	0.5
Nevada	0.6	0.1	3.9	0.6	0.7	0.1	1.0	0.8	0.2	0.1	0.1	0.4	0.8	0.3	0.8
New Hampshire	0.2	0.1	0.4	*	0.5	0.1	0.4	0.3	0.1	0.1	*	0.3	0.3	0.1	0.3

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Total site electricity consumption<sup>a</sup>  
(billion kWh)

	Space heating <sup>b</sup>	Air handlers for heating	Air conditioning	Air handlers for cooling	Water heating	Cooking <sup>b</sup>	All refrigerators	Most used refrigerators	Second refrigerators	Separate freezers	Clothes washers	Clothes dryers	All TVs and related <sup>c</sup>	Most-used TVs	Lighting
<b>All homes</b>	161.1	23.5	253.8	38.0	156.2	23.3	103.1	75.8	21.0	23.4	7.1	55.9	75.7	25.2	80.8
New Jersey	1.9	0.6	5.7	0.8	1.9	0.3	2.8	2.0	0.6	0.4	0.2	0.7	2.1	0.6	2.2
New Mexico	0.5	0.1	1.2	0.1	0.4	0.1	0.6	0.5	0.1	0.2	*	0.4	0.4	0.1	0.4
New York	5.1	1.4	8.6	0.7	4.5	0.8	5.1	4.1	0.8	0.8	0.3	1.8	3.9	1.3	4.1
North Carolina	8.4	0.4	9.0	1.5	8.7	1.1	3.3	2.5	0.7	0.7	0.3	2.4	2.5	0.8	2.7
North Dakota	0.9	0.1	0.2	*	0.6	0.1	0.3	0.2	0.1	0.1	*	0.2	0.2	0.1	0.2
Ohio	7.7	1.7	6.8	1.0	5.1	0.9	3.9	2.9	0.7	1.0	0.3	2.3	3.1	1.1	3.0
Oklahoma	3.3	0.3	4.5	0.7	1.9	0.3	1.3	1.0	0.3	0.4	0.1	1.0	1.0	0.3	1.2
Oregon	3.6	0.2	1.3	0.2	4.0	0.4	1.3	1.0	0.3	0.4	0.1	0.9	0.9	0.3	1.2
Pennsylvania	8.6	1.2	7.2	0.9	7.0	1.0	4.1	3.0	0.9	1.1	0.3	2.2	3.4	1.1	3.3
Rhode Island	0.2	0.1	0.4	*	0.2	0.1	0.3	0.2	0.1	*	*	0.2	0.2	0.1	0.2
South Carolina	4.0	0.2	5.7	0.9	4.5	0.5	1.7	1.3	0.3	0.4	0.1	1.2	1.2	0.4	1.3
South Dakota	0.6	0.1	0.4	0.1	0.5	0.1	0.3	0.2	0.1	0.1	*	0.2	0.2	0.1	0.2
Tennessee	7.0	0.3	6.5	1.1	6.2	0.7	2.2	1.6	0.4	0.6	0.2	1.7	1.7	0.6	2.1
Texas	14.5	0.9	38.7	6.0	15.0	2.1	9.2	6.6	2.0	2.1	0.7	5.5	7.2	2.5	8.2
Utah	0.6	0.3	1.8	0.3	0.5	0.2	0.9	0.7	0.2	0.3	0.1	0.6	0.6	0.2	0.8
Vermont	0.1	0.1	0.1	*	0.2	*	0.2	0.1	*	0.1	*	0.1	0.1	*	0.1
Virginia	6.1	0.5	6.9	1.1	6.5	0.7	2.9	2.1	0.6	0.6	0.2	1.8	2.0	0.7	2.5
Washington	8.5	0.4	1.4	0.2	6.0	0.7	2.3	1.7	0.4	0.6	0.2	1.6	1.5	0.5	2.2
West Virginia	2.4	0.2	1.1	0.2	1.7	0.2	0.5	0.4	0.1	0.2	*	0.4	0.4	0.2	0.4
Wisconsin	1.9	1.2	2.1	0.3	2.3	0.4	1.9	1.4	0.4	0.6	0.1	1.0	1.4	0.5	1.3
Wyoming	0.4	0.1	0.2	*	0.2	0.1	0.2	0.1	*	0.1	*	0.1	0.1	*	0.1

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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kWh = kilowatthours

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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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## Relative standard errors (RSEs) for CE5.1.ST Detailed household site electricity end-use consumption in the United States by state—totals, 2020

	RSEs for total site electricity consumption <sup>a</sup>														
	Space heating <sup>b</sup>	Air handlers for heating	Air conditioning <sup>c</sup>	Air handlers for cooling	Water heating	Cooking <sup>d</sup>	All refrigerators	Most used refrigerators	Second refrigerators	Separate freezers	Clothes washers	Clothes dryers	All TVs and related <sup>e</sup>	Most-used TVs	Lighting
<b>All homes</b>	1.43	0.93	0.66	0.89	1.17	0.88	0.34	0.24	0.79	1.43	0.65	0.96	0.61	0.79	0.89
Alabama	8.50	9.98	4.71	5.98	6.52	6.68	4.20	1.98	10.22	10.20	6.02	7.73	4.40	4.89	7.38
Alaska	12.60	9.45	28.55	63.37	13.00	6.91	3.18	1.67	12.08	8.08	5.51	7.46	5.02	5.11	6.75
Arizona	8.51	7.06	2.82	3.76	6.85	5.41	2.52	1.46	5.66	8.39	3.64	4.63	3.57	3.71	7.68
Arkansas	8.23	9.49	6.01	10.55	8.11	7.41	3.23	2.00	10.12	7.80	7.16	8.58	5.03	7.32	8.03
California	8.66	4.14	3.30	4.05	8.64	3.85	1.41	0.74	4.48	7.03	2.87	5.21	2.72	2.35	4.13
Colorado	13.30	5.09	5.21	7.71	13.54	5.78	2.80	1.52	6.92	8.77	4.22	5.17	4.63	5.63	5.43
Connecticut	13.90	7.91	5.36	11.15	14.06	7.02	3.53	2.02	9.27	13.21	5.15	6.40	5.45	5.91	8.03
Delaware	14.41	12.35	6.21	8.62	10.41	8.60	3.91	2.67	11.99	16.21	5.94	7.13	6.72	6.20	7.78
District of Columbia	11.79	11.25	6.80	10.03	9.07	12.78	3.39	1.94	16.23	16.50	8.10	9.08	7.93	6.33	7.96
Florida	6.32	7.92	2.86	3.45	3.37	3.48	2.24	0.94	5.96	7.14	3.54	4.76	2.98	2.94	4.99
Georgia	7.64	7.05	4.68	6.08	6.95	5.25	2.91	1.66	7.55	7.21	4.19	4.89	4.46	4.47	5.56
Hawaii	47.35	76.97	8.60	20.31	6.72	6.66	3.18	1.73	7.76	10.56	6.26	9.96	4.82	5.07	9.63
Idaho	10.33	7.18	6.40	8.91	10.28	5.79	2.65	1.77	7.83	8.01	5.56	7.16	5.31	5.16	8.41
Illinois	11.80	3.68	3.33	4.47	10.22	7.76	2.32	1.20	7.42	7.65	3.70	7.69	3.36	3.06	5.24
Indiana	8.18	5.15	3.55	4.74	8.09	7.14	3.32	1.65	7.34	7.91	3.60	5.43	4.44	4.34	5.38
Iowa	15.26	5.67	4.29	5.06	12.68	7.78	3.04	1.96	7.52	7.72	5.03	7.89	4.06	4.70	7.41
Kansas	15.29	7.08	5.63	7.10	14.97	7.40	4.94	2.02	10.06	9.75	6.56	8.78	5.48	6.95	10.26
Kentucky	6.32	5.95	3.25	4.87	4.94	4.56	2.90	1.58	8.14	8.78	3.49	4.63	3.20	3.23	5.60
Louisiana	6.86	8.99	4.87	7.89	6.59	7.37	3.52	2.05	9.25	7.85	4.43	4.82	4.52	4.88	6.87
Maine	18.66	8.90	9.27	28.99	11.94	7.69	3.08	2.29	12.62	12.08	4.95	6.29	5.58	6.00	8.06
Maryland	8.74	5.61	4.09	5.45	5.54	7.16	2.48	1.64	7.52	9.72	4.37	5.65	4.40	4.37	6.80
Massachusetts	10.21	4.82	3.80	6.50	8.18	4.75	2.24	1.35	6.39	8.89	3.48	4.32	3.42	4.36	5.46
Michigan	17.12	4.31	5.61	6.59	12.76	6.10	2.86	1.82	7.81	8.59	5.21	8.84	3.57	3.67	8.52
Minnesota	16.81	6.11	4.57	6.73	9.79	5.40	2.93	1.68	8.46	8.24	5.60	8.55	4.07	4.06	7.22
Mississippi	11.18	13.93	5.44	6.81	8.17	7.95	4.78	3.00	11.42	11.22	5.90	7.91	7.28	9.90	7.31
Missouri	9.81	5.58	4.13	5.27	9.60	6.29	3.25	2.05	7.95	8.46	4.96	6.28	3.89	4.16	7.28
Montana	13.69	11.40	9.37	12.62	14.90	8.52	4.91	2.82	12.64	10.52	7.49	7.92	5.85	6.11	8.41
Nebraska	13.96	7.58	6.23	6.78	12.86	7.71	4.46	2.54	10.55	9.37	7.84	8.55	6.56	5.37	8.13
Nevada	17.08	9.57	6.38	7.86	17.22	9.44	3.88	1.90	11.06	13.79	5.78	10.60	5.87	4.95	6.18
New Hampshire	21.69	9.42	9.41	20.67	12.50	8.03	3.70	2.00	11.72	13.17	6.37	7.96	5.90	6.70	7.66

Relative standard errors (RSEs) for CE5.1.ST Detailed household site electricity end-use consumption in the United States by state—totals, 2020

RSEs for total site electricity consumption<sup>a</sup>

	Space heating <sup>b</sup>	Air handlers for heating	Air conditioning <sup>c</sup>	Air handlers for cooling	Water heating	Cooking <sup>d</sup>	All refrigerators	Most used refrigerators	Second refrigerators	Separate freezers	Clothes washers	Clothes dryers	All TVs and related <sup>e</sup>	Most-used TVs	Lighting
<b>All homes</b>	1.43	0.93	0.66	0.89	1.17	0.88	0.34	0.24	0.79	1.43	0.65	0.96	0.61	0.79	0.89
New Jersey	12.34	8.16	3.69	7.01	10.36	8.32	2.62	1.48	5.92	9.77	4.14	8.00	4.14	3.98	6.26
New Mexico	17.47	11.36	7.81	11.41	19.24	11.52	4.82	3.08	13.35	11.60	6.28	9.73	5.90	5.22	9.21
New York	10.41	4.63	3.36	7.62	6.38	6.10	1.58	1.21	4.98	8.01	3.94	6.02	3.12	3.73	4.80
North Carolina	5.43	5.83	3.54	3.99	3.69	5.05	2.60	1.46	7.62	8.69	3.56	4.18	3.68	4.10	5.41
North Dakota	8.72	6.66	5.82	8.50	7.92	4.93	2.79	1.64	7.65	6.30	5.82	6.59	4.58	5.13	6.40
Ohio	11.85	6.18	4.66	6.18	9.10	5.61	2.77	1.95	7.35	7.61	4.83	6.43	5.26	4.79	4.99
Oklahoma	11.99	5.89	4.85	6.32	11.80	9.43	4.34	2.15	10.89	10.37	6.17	7.63	5.42	5.09	8.75
Oregon	8.84	6.79	6.01	9.15	6.10	5.12	3.48	1.77	8.69	8.75	4.27	6.11	5.78	5.21	7.03
Pennsylvania	10.45	5.07	3.56	5.69	5.77	5.07	2.49	1.26	5.99	6.90	3.39	5.04	3.60	3.32	3.85
Rhode Island	21.40	7.88	6.94	15.88	16.68	8.06	5.10	2.23	13.76	18.27	6.86	9.21	5.48	5.47	8.96
South Carolina	6.19	6.58	3.95	5.13	5.07	4.76	3.45	1.43	9.60	9.76	4.15	5.05	4.58	4.92	7.39
South Dakota	14.97	9.26	6.95	8.24	11.36	6.49	4.64	2.23	10.28	7.28	5.81	6.70	5.61	7.32	8.90
Tennessee	5.25	6.57	3.58	4.54	4.27	3.59	3.00	1.43	7.94	7.68	3.48	3.78	3.17	3.43	5.78
Texas	5.03	3.67	2.12	3.17	3.79	4.45	1.90	0.97	4.41	6.53	2.65	3.62	2.47	2.40	3.61
Utah	19.79	6.97	6.35	7.50	25.85	8.36	4.59	2.34	11.11	8.04	4.77	8.51	6.28	7.43	9.03
Vermont	16.87	7.97	6.85	27.76	12.34	7.22	2.98	1.86	11.09	11.12	5.86	8.85	5.85	5.87	7.11
Virginia	6.66	6.51	4.47	5.28	5.97	5.96	2.24	1.55	6.27	9.27	3.96	4.73	3.63	4.47	5.74
Washington	6.21	8.56	7.96	11.50	4.32	4.65	2.70	1.71	6.44	9.65	4.35	5.67	4.09	4.12	6.04
West Virginia	9.64	15.12	7.92	10.77	7.86	8.20	3.17	1.96	11.42	14.21	4.82	7.22	5.06	6.18	8.65
Wisconsin	17.62	6.10	4.21	5.90	9.49	5.33	2.94	1.46	8.08	7.48	4.47	6.41	4.10	3.92	6.44
Wyoming	17.15	9.31	7.88	12.78	17.28	6.91	3.85	2.00	8.76	9.44	7.91	9.29	5.98	6.10	10.92

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 the definitions of terms used in these tables.

<sup>a</sup> Electricity consumption from on-site solar photovoltaic generation (that is, solar panels) is included. Small amounts of standby power for devices that some households have but do not use (for example, dishwashers) are not included.

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

<sup>c</sup> Includes electricity used by evaporative coolers.

<sup>d</sup> Cooking includes ranges (units with both a cooktop and an oven), separate cooktops, and separate ovens. Microwaves, small kitchen appliances, and outdoor cooking are excluded.

<sup>e</sup> All TVs and related includes TVs and peripherals such as cable and satellite boxes, DVRs, Internet streaming devices, video game consoles, DVD or Blu-ray players, VCRs, and home theater or audio systems.