

Data release date: June 2023

**CE4.1.EL.ST Annual household site end-use electricity consumption in the United States by state—totals and percentages, 2020**

	Number of housing units (million)	Total site electricity consumption <sup>a</sup> (trillion Btu)										
	Total U.S. <sup>b</sup>	Total	Space heating <sup>c</sup>		Water heating		Air conditioning		Refrigerators		Other <sup>d</sup>	
<b>All homes</b>	123.53	4,453.3	549.6	12%	532.9	12%	866.1	19%	351.8	8%	2,153.0	48%
Alabama	1.90	89.5	14.3	16%	13.4	15%	18.7	21%	5.9	7%	37.3	42%
Alaska	0.26	6.5	0.7	10%	0.8	13%	*	*	0.7	10%	4.3	66%
Arizona	2.68	124.2	7.1	6%	12.1	10%	44.4	36%	8.4	7%	52.1	42%
Arkansas	1.14	52.3	9.0	17%	7.6	14%	10.5	20%	3.2	6%	22.1	42%
California	13.18	291.5	10.6	4%	15.0	5%	53.6	18%	37.2	13%	175.1	60%
Colorado	2.26	62.8	5.3	8%	4.1	7%	8.3	13%	6.6	11%	38.5	61%
Connecticut	1.38	36.7	4.1	11%	3.6	10%	5.0	14%	3.3	9%	20.7	56%
Delaware	0.38	14.5	2.2	15%	2.3	16%	2.3	16%	1.0	7%	6.7	46%
District of Columbia	0.32	7.6	0.9	12%	1.1	15%	1.5	20%	0.7	9%	3.4	45%
Florida	8.06	384.8	28.6	7%	57.0	15%	115.4	30%	25.2	7%	158.5	41%
Georgia	3.88	175.7	19.4	11%	26.0	15%	38.1	22%	12.2	7%	80.1	46%
Hawaii	0.47	12.9	*	*	2.4	19%	2.6	20%	1.5	11%	6.4	50%
Idaho	0.66	24.8	3.8	15%	4.0	16%	2.4	10%	2.0	8%	12.7	51%
Illinois	4.90	141.3	15.4	11%	10.2	7%	24.2	17%	13.4	9%	78.1	55%
Indiana	2.60	103.2	19.1	19%	13.0	13%	14.8	14%	7.9	8%	48.4	47%

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	Number of housing units (million)	Total site electricity consumption <sup>a</sup> (trillion Btu)										
	Total U.S. <sup>b</sup>	Total	Space heating <sup>c</sup>		Water heating		Air conditioning		Refrigerators		Other <sup>d</sup>	
<b>All homes</b>	123.53	4,453.3	549.6	12%	532.9	12%	866.1	19%	351.8	8%	2,153.0	48%
Iowa	1.28	44.9	6.6	15%	3.8	8%	6.2	14%	3.8	9%	24.5	55%
Kansas	1.13	41.6	4.4	10%	3.5	8%	9.2	22%	3.4	8%	21.2	51%
Kentucky	1.74	79.1	15.9	20%	11.5	15%	12.9	16%	4.9	6%	33.8	43%
Louisiana	1.73	87.1	8.5	10%	10.9	13%	24.7	28%	5.3	6%	37.8	43%
Maine	0.56	13.6	1.1	8%	1.5	11%	1.0	8%	1.3	10%	8.7	64%
Maryland	2.28	89.7	16.5	18%	12.6	14%	13.6	15%	6.6	7%	40.4	45%
Massachusetts	2.71	67.0	7.0	10%	5.6	8%	9.9	15%	6.4	10%	38.1	57%
Michigan	3.92	111.9	9.8	9%	9.5	8%	14.2	13%	10.6	10%	67.8	61%
Minnesota	2.23	71.0	9.5	13%	8.6	12%	7.5	10%	6.1	9%	39.3	55%
Mississippi	1.08	52.0	7.8	15%	6.8	13%	12.7	24%	3.4	6%	21.4	41%
Missouri	2.43	99.3	17.2	17%	11.3	11%	18.1	18%	7.4	7%	45.3	46%
Montana	0.43	13.8	2.9	21%	1.9	14%	0.8	6%	1.1	8%	7.1	52%
Nebraska	0.77	28.0	5.0	18%	2.1	8%	4.2	15%	2.4	9%	14.3	51%
Nevada	1.14	43.1	2.0	5%	2.4	6%	13.2	31%	3.5	8%	22.1	51%
New Hampshire	0.54	13.4	0.6	4%	1.7	12%	1.4	11%	1.4	10%	8.3	62%
New Jersey	3.39	96.2	6.6	7%	6.7	7%	19.5	20%	9.5	10%	53.9	56%
New Mexico	0.79	22.1	1.8	8%	1.2	6%	4.1	18%	2.1	10%	12.8	58%
New York	7.52	177.5	17.3	10%	15.3	9%	29.3	17%	17.5	10%	98.1	55%
North Carolina	4.01	171.1	28.5	17%	29.7	17%	30.6	18%	11.4	7%	70.8	41%
North Dakota	0.32	12.7	3.2	25%	2.0	16%	0.8	7%	0.9	7%	5.8	46%

**CE4.1.EL.ST Annual household site end-use electricity consumption in the United States by state—totals and percentages, 2020**

	Number of housing units (million)	Total site electricity consumption <sup>a</sup> (trillion Btu)										
	Total U.S. <sup>b</sup>	Total	Space heating <sup>c</sup>	Water heating	Air conditioning	Refrigerators	Other <sup>d</sup>					
<b>All homes</b>	123.53	4,453.3	549.6	12%	532.9	12%	866.1	19%	351.8	8%	2,153.0	48%
Ohio	4.74	166.2	26.4	16%	17.3	10%	23.2	14%	13.1	8%	86.2	52%
Oklahoma	1.49	69.2	11.3	16%	6.6	10%	15.5	22%	4.5	7%	31.2	45%
Oregon	1.65	62.8	12.1	19%	13.6	22%	4.4	7%	4.6	7%	28.1	45%
Pennsylvania	5.13	179.3	29.5	16%	24.0	13%	24.7	14%	14.1	8%	87.0	49%
Rhode Island	0.42	9.9	0.6	7%	0.7	8%	1.5	15%	1.1	11%	6.0	60%
South Carolina	1.97	90.9	13.6	15%	15.4	17%	19.5	21%	5.8	6%	36.7	40%
South Dakota	0.35	12.7	2.2	17%	1.7	14%	1.4	11%	1.0	8%	6.4	50%
Tennessee	2.66	128.9	23.8	18%	21.3	16%	22.1	17%	7.6	6%	54.2	42%
Texas	10.26	470.3	49.4	11%	51.3	11%	132.2	28%	31.4	7%	206.0	44%
Utah	1.04	32.3	2.0	6%	1.6	5%	6.0	18%	3.1	10%	19.7	61%
Vermont	0.26	6.0	0.4	6%	0.8	14%	0.4	7%	0.6	11%	3.7	62%
Virginia	3.24	143.1	20.7	14%	22.2	16%	23.4	16%	9.7	7%	67.0	47%
Washington	2.94	110.2	29.0	26%	20.6	19%	4.7	4%	7.7	7%	48.3	44%
West Virginia	0.70	32.0	8.2	26%	5.8	18%	3.7	11%	1.9	6%	12.5	39%
Wisconsin	2.39	68.7	6.3	9%	8.0	12%	7.3	11%	6.6	10%	40.6	59%
Wyoming	0.23	7.1	1.4	19%	0.8	11%	0.5	8%	0.6	9%	3.8	53%

## CE4.1.EL.ST Annual household site end-use electricity consumption in the United States by state—totals and percentages, 2020

	Number of housing units (million)	Total site electricity consumption <sup>a</sup> (trillion Btu)										
		Total U.S. <sup>b</sup>	Total	Space heating <sup>c</sup>	Water heating	Air conditioning	Refrigerators	Other <sup>d</sup>				
<b>All homes</b>	123.53	4,453.3	549.6	12%	532.9	12%	866.1	19%	351.8	8%	2,153.0	48%

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

<sup>a</sup> Consumption and expenditures for biomass (wood), coal, district steam, and solar thermal are excluded. Electricity consumption from on-site solar photovoltaic generation (that is, solar panels) is included.

<sup>b</sup> *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.

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

<sup>d</sup> 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.

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

Data release date: June 2023

**CE4.1.EL.ST Annual household site end-use electricity consumption in the United States by state—totals and percentages, 2020**

	Number of housing units (million)	Total site electricity consumption <sup>a</sup> (billion kwh)										
	Total U.S. <sup>b</sup>	Total	Space heating <sup>c</sup>		Water heating		Air conditioning		Refrigerators		Other <sup>d</sup>	
<b>All homes</b>	123.53	1305.2	161.1	12%	156.2	12%	253.8	19%	103.1	8%	631.0	48%
Alabama	1.90	26.2	4.2	16%	3.9	15%	5.5	21%	1.7	7%	10.9	42%
Alaska	0.26	1.9	0.2	10%	0.2	13%	*	*	0.2	10%	1.3	66%
Arizona	2.68	36.4	2.1	6%	3.6	10%	13.0	36%	2.5	7%	15.3	42%
Arkansas	1.14	15.3	2.6	17%	2.2	14%	3.1	20%	0.9	6%	6.5	42%
California	13.18	85.4	3.1	4%	4.4	5%	15.7	18%	10.9	13%	51.3	60%
Colorado	2.26	18.4	1.6	8%	1.2	7%	2.4	13%	1.9	11%	11.3	61%
Connecticut	1.38	10.8	1.2	11%	1.1	10%	1.5	14%	1.0	9%	6.1	56%
Delaware	0.38	4.2	0.7	15%	0.7	16%	0.7	16%	0.3	7%	2.0	46%
District of Columbia	0.32	2.2	0.3	12%	0.3	15%	0.4	20%	0.2	9%	1.0	45%
Florida	8.06	112.8	8.4	7%	16.7	15%	33.8	30%	7.4	7%	46.5	41%
Georgia	3.88	51.5	5.7	11%	7.6	15%	11.2	22%	3.6	7%	23.5	46%
Hawaii	0.47	3.8	*	*	0.7	19%	0.8	20%	0.4	11%	1.9	50%
Idaho	0.66	7.3	1.1	15%	1.2	16%	0.7	10%	0.6	8%	3.7	51%
Illinois	4.90	41.4	4.5	11%	3.0	7%	7.1	17%	3.9	9%	22.9	55%
Indiana	2.60	30.3	5.6	19%	3.8	13%	4.3	14%	2.3	8%	14.2	47%

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	Number of housing units (million)	Total site electricity consumption <sup>a</sup> (billion kwh)										
	Total U.S. <sup>b</sup>	Total	Space heating <sup>c</sup>	Water heating	Air conditioning	Refrigerators	Other <sup>d</sup>					
<b>All homes</b>	123.53	1305.2	161.1	12%	156.2	12%	253.8	19%	103.1	8%	631.0	48%
Iowa	1.28	13.2	1.9	15%	1.1	8%	1.8	14%	1.1	9%	7.2	55%
Kansas	1.13	12.2	1.3	10%	1.0	8%	2.7	22%	1.0	8%	6.2	51%
Kentucky	1.74	23.2	4.7	20%	3.4	15%	3.8	16%	1.4	6%	9.9	43%
Louisiana	1.73	25.5	2.5	10%	3.2	13%	7.2	28%	1.5	6%	11.1	43%
Maine	0.56	4.0	0.3	8%	0.5	11%	0.3	8%	0.4	10%	2.5	64%
Maryland	2.28	26.3	4.8	18%	3.7	14%	4.0	15%	1.9	7%	11.8	45%
Massachusetts	2.71	19.6	2.1	10%	1.6	8%	2.9	15%	1.9	10%	11.2	57%
Michigan	3.92	32.8	2.9	9%	2.8	8%	4.2	13%	3.1	10%	19.9	61%
Minnesota	2.23	20.8	2.8	13%	2.5	12%	2.2	10%	1.8	9%	11.5	55%
Mississippi	1.08	15.3	2.3	15%	2.0	13%	3.7	24%	1.0	6%	6.3	41%
Missouri	2.43	29.1	5.1	17%	3.3	11%	5.3	18%	2.2	7%	13.3	46%
Montana	0.43	4.0	0.8	21%	0.5	14%	0.2	6%	0.3	8%	2.1	52%
Nebraska	0.77	8.2	1.5	18%	0.6	8%	1.2	15%	0.7	9%	4.2	51%
Nevada	1.14	12.6	0.6	5%	0.7	6%	3.9	31%	1.0	8%	6.5	51%
New Hampshire	0.54	3.9	0.2	4%	0.5	12%	0.4	11%	0.4	10%	2.4	62%
New Jersey	3.39	28.2	1.9	7%	1.9	7%	5.7	20%	2.8	10%	15.8	56%
New Mexico	0.79	6.5	0.5	8%	0.4	6%	1.2	18%	0.6	10%	3.8	58%
New York	7.52	52.0	5.1	10%	4.5	9%	8.6	17%	5.1	10%	28.7	55%
North Carolina	4.01	50.2	8.4	17%	8.7	17%	9.0	18%	3.3	7%	20.8	41%
North Dakota	0.32	3.7	0.9	25%	0.6	16%	0.2	7%	0.3	7%	1.7	46%

**CE4.1.EL.ST Annual household site end-use electricity consumption in the United States by state—totals and percentages, 2020**

	Number of housing units (million)	Total site electricity consumption <sup>a</sup> (billion kwh)										
	Total U.S. <sup>b</sup>	Total	Space heating <sup>c</sup>	Water heating	Air conditioning	Refrigerators	Other <sup>d</sup>					
<b>All homes</b>	123.53	1305.2	161.1	12%	156.2	12%	253.8	19%	103.1	8%	631.0	48%
Ohio	4.74	48.7	7.7	16%	5.1	10%	6.8	14%	3.9	8%	25.3	52%
Oklahoma	1.49	20.3	3.3	16%	1.9	10%	4.5	22%	1.3	7%	9.1	45%
Oregon	1.65	18.4	3.6	19%	4.0	22%	1.3	7%	1.3	7%	8.2	45%
Pennsylvania	5.13	52.6	8.6	16%	7.0	13%	7.2	14%	4.1	8%	25.5	49%
Rhode Island	0.42	2.9	0.2	7%	0.2	8%	0.4	15%	0.3	11%	1.7	60%
South Carolina	1.97	26.7	4.0	15%	4.5	17%	5.7	21%	1.7	6%	10.8	40%
South Dakota	0.35	3.7	0.6	17%	0.5	14%	0.4	11%	0.3	8%	1.9	50%
Tennessee	2.66	37.8	7.0	18%	6.2	16%	6.5	17%	2.2	6%	15.9	42%
Texas	10.26	137.8	14.5	11%	15.0	11%	38.7	28%	9.2	7%	60.4	44%
Utah	1.04	9.5	0.6	6%	0.5	5%	1.8	18%	0.9	10%	5.8	61%
Vermont	0.26	1.7	0.1	6%	0.2	14%	0.1	7%	0.2	11%	1.1	62%
Virginia	3.24	41.9	6.1	14%	6.5	16%	6.9	16%	2.9	7%	19.6	47%
Washington	2.94	32.3	8.5	26%	6.0	19%	1.4	4%	2.3	7%	14.1	44%
West Virginia	0.70	9.4	2.4	26%	1.7	18%	1.1	11%	0.5	6%	3.7	39%
Wisconsin	2.39	20.1	1.9	9%	2.3	12%	2.1	11%	1.9	10%	11.9	59%
Wyoming	0.23	2.1	0.4	19%	0.2	11%	0.2	8%	0.2	9%	1.1	53%

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	Number of housing units (million)	Total site electricity consumption <sup>a</sup> (billion kwh)										
	Total U.S. <sup>b</sup>	Total	Space heating <sup>c</sup>	Water heating	Air conditioning	Refrigerators	Other <sup>d</sup>					
<b>All homes</b>	123.53	1305.2	161.1	12%	156.2	12%	253.8	19%	103.1	8%	631.0	48%

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.

kWh = kilowatthours

<sup>a</sup> Consumption and expenditures for biomass (wood), coal, district steam, and solar thermal are excluded. Electricity consumption from on-site solar photovoltaic generation (that is, solar panels) is included.

<sup>b</sup> 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.

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

<sup>d</sup> 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.

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

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**Relative standard errors (RSEs) for CE4.1.EL.ST Annual household site end-use electricity consumption in the United States by state—totals and percentages, 2020**

	RSEs for number of housing units	RSEs for total site electricity consumption <sup>a</sup>										
	Total U.S. <sup>b</sup>	Total	Space heating <sup>c</sup>	Water heating	Air conditioning	Refrigerators	Other <sup>d</sup>					
<b>All homes</b>	0.00	0.38	1.43	1.31	1.17	1.15	0.66	0.52	0.34	0.42	0.51	0.33
Alabama	0.00	3.68	8.50	6.77	6.52	5.38	4.71	3.67	4.20	3.83	4.22	2.30
Alaska	0.00	3.42	12.60	11.58	13.00	11.42	28.55	28.76	3.18	3.81	3.71	2.65
Arizona	0.00	2.70	8.51	8.02	6.85	6.13	2.82	1.88	2.52	2.29	3.83	2.15
Arkansas	0.00	4.18	8.23	7.45	8.11	7.29	6.01	4.32	3.23	4.26	6.07	3.54
California	0.00	1.47	8.66	8.06	8.64	8.36	3.30	2.64	1.41	1.66	1.56	0.96
Colorado	0.00	2.82	13.30	12.60	13.54	13.01	5.21	3.99	2.80	3.20	3.23	1.91
Connecticut	0.00	3.73	13.90	13.06	14.06	12.94	5.36	3.94	3.53	3.96	4.46	2.87
Delaware	0.00	4.33	14.41	11.94	10.41	9.58	6.21	5.72	3.91	5.35	5.33	3.98
District of Columbia	0.00	4.33	11.79	9.94	9.07	8.37	6.80	4.90	3.39	3.42	5.17	3.08
Florida	0.00	2.26	6.32	5.61	3.37	3.24	2.86	2.13	2.24	2.22	3.15	1.46
Georgia	0.00	2.95	7.64	7.02	6.95	5.52	4.68	3.07	2.91	2.88	3.07	2.09
Hawaii	0.00	4.13	47.35	46.65	6.72	5.54	8.60	6.86	3.18	3.71	5.07	2.76
Idaho	0.00	3.66	10.33	9.26	10.28	9.63	6.40	5.08	2.65	3.25	4.97	3.42
Illinois	0.00	2.79	11.80	10.39	10.22	9.20	3.33	2.45	2.32	2.57	2.83	2.05
Indiana	0.00	2.67	8.18	6.75	8.09	7.41	3.55	3.56	3.32	3.16	2.89	2.21

**Relative standard errors (RSEs) for CE4.1.EL.ST Annual household site end-use electricity consumption in the United States by state—totals and percentages, 2020**

	RSEs for total site electricity consumption <sup>a</sup>											
	Total U.S. <sup>b</sup>	Total	Space heating <sup>c</sup>	Water heating	Air conditioning	Refrigerators	Other <sup>d</sup>					
<b>All homes</b>	0.00	0.38	1.43	1.31	1.17	1.15	0.66	0.52	0.34	0.42	0.51	0.33
Iowa	0.00	3.51	15.26	12.86	12.68	11.46	4.29	4.02	3.04	4.11	3.30	3.30
Kansas	0.00	3.62	15.29	14.12	14.97	15.40	5.63	4.12	4.94	4.67	4.68	2.88
Kentucky	0.00	2.48	6.32	4.90	4.94	4.72	3.25	2.77	2.90	2.71	3.00	2.02
Louisiana	0.00	2.52	6.86	7.32	6.59	6.80	4.87	3.75	3.52	3.33	3.83	2.08
Maine	0.00	3.70	18.66	17.84	11.94	11.68	9.27	8.64	3.08	3.69	4.94	2.99
Maryland	0.00	3.51	8.74	6.70	5.54	5.15	4.09	3.94	2.48	2.93	4.34	2.40
Massachusetts	0.00	1.80	10.21	10.09	8.18	7.83	3.80	3.51	2.24	2.33	2.68	1.80
Michigan	0.00	3.19	17.12	15.71	12.76	12.23	5.61	4.82	2.86	3.41	3.72	2.68
Minnesota	0.00	3.72	16.81	14.62	9.79	8.56	4.57	4.52	2.93	3.77	3.82	3.39
Mississippi	0.00	4.00	11.18	9.26	8.17	7.56	5.44	4.28	4.78	5.29	5.14	3.32
Missouri	0.00	3.22	9.81	8.03	9.60	8.09	4.13	3.99	3.25	3.86	3.58	2.98
Montana	0.00	5.95	13.69	10.29	14.90	12.54	9.37	10.48	4.91	5.81	6.30	4.37
Nebraska	0.00	5.37	13.96	10.22	12.86	10.65	6.23	4.60	4.46	5.15	4.79	3.24
Nevada	0.00	4.13	17.08	16.28	17.22	17.10	6.38	4.38	3.88	3.69	4.98	2.78
New Hampshire	0.00	4.51	21.69	20.97	12.50	11.38	9.41	7.52	3.70	4.69	5.32	2.80
New Jersey	0.00	2.96	12.34	11.59	10.36	9.74	3.69	2.83	2.62	2.63	3.53	1.64
New Mexico	0.00	5.46	17.47	17.13	19.24	18.19	7.81	5.11	4.82	5.89	6.61	2.80
New York	0.00	2.11	10.41	9.98	6.38	6.33	3.36	2.80	1.58	2.32	2.98	1.74
North Carolina	0.00	2.13	5.43	4.46	3.69	3.24	3.54	2.74	2.60	2.25	2.65	1.92
North Dakota	0.00	3.67	8.72	7.19	7.92	6.08	5.82	5.82	2.79	3.07	4.45	3.54

**Relative standard errors (RSEs) for CE4.1.EL.ST Annual household site end-use electricity consumption in the United States by state—totals and percentages, 2020**

	RSEs for number of housing units	RSEs for total site electricity consumption <sup>a</sup>										
	Total U.S. <sup>b</sup>	Total	Space heating <sup>c</sup>	Water heating	Air conditioning	Refrigerators	Other <sup>d</sup>					
<b>All homes</b>	0.00	0.38	1.43	1.31	1.17	1.15	0.66	0.52	0.34	0.42	0.51	0.33
Ohio	0.00	3.30	11.85	9.97	9.10	8.14	4.66	4.01	2.77	3.89	3.55	2.89
Oklahoma	0.00	3.98	11.99	10.19	11.80	10.28	4.85	3.62	4.34	4.32	4.54	3.58
Oregon	0.00	3.57	8.84	7.01	6.10	4.48	6.01	5.08	3.48	3.51	3.89	3.01
Pennsylvania	0.00	2.92	10.45	8.47	5.77	5.18	3.56	3.17	2.49	3.07	2.88	2.39
Rhode Island	0.00	4.60	21.40	19.84	16.68	15.63	6.94	5.89	5.10	5.43	5.18	2.49
South Carolina	0.00	2.95	6.19	5.53	5.07	4.21	3.95	2.55	3.45	3.43	3.97	2.31
South Dakota	0.00	4.61	14.97	12.74	11.36	10.32	6.95	6.23	4.64	4.29	5.02	3.66
Tennessee	0.00	3.07	5.25	5.04	4.27	3.97	3.58	3.33	3.00	2.62	5.38	3.13
Texas	0.00	1.52	5.03	4.51	3.79	3.43	2.12	1.72	1.90	1.80	1.91	1.15
Utah	0.00	4.25	19.79	17.78	25.85	25.01	6.35	5.30	4.59	4.21	4.41	2.46
Vermont	0.00	3.78	16.87	16.09	12.34	10.60	6.85	6.59	2.98	3.60	4.01	2.17
Virginia	0.00	2.39	6.66	5.70	5.97	5.85	4.47	3.36	2.24	2.77	3.32	2.38
Washington	0.00	2.91	6.21	4.71	4.32	3.72	7.96	7.27	2.70	2.90	3.74	2.75
West Virginia	0.00	4.55	9.64	6.92	7.86	5.92	7.92	6.76	3.17	5.19	5.04	4.15
Wisconsin	0.00	3.14	17.62	16.28	9.49	8.43	4.21	3.82	2.94	3.23	3.30	2.41
Wyoming	0.00	5.40	17.15	14.15	17.28	15.03	7.88	7.48	3.85	5.36	5.15	4.74

**Relative standard errors (RSEs) for CE4.1.EL.ST Annual household site end-use electricity consumption in the United States by state—totals and percentages, 2020**

	RSEs for number of housing units	RSEs for total site electricity consumption <sup>a</sup>										
	Total U.S. <sup>b</sup>	Total	Space heating <sup>c</sup>		Water heating		Air conditioning		Refrigerators		Other <sup>d</sup>	
<b>All homes</b>	0.00	0.38	1.43	1.31	1.17	1.15	0.66	0.52	0.34	0.42	0.51	0.33

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 definition of terms used in these tables.

<sup>a</sup> Consumption and expenditures for biomass (wood), coal, district steam, and solar thermal are excluded. Electricity consumption from on-site solar photovoltaic generation (that is, solar panels) is included.

<sup>b</sup> 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.

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

<sup>d</sup> Includes end uses not shown in this table. A more detailed breakout of end uses is shown in the CE5 tables.