

Data release date: June 2023

## CE4.6.NG.ST Annual household site natural gas end-use consumption in the United States by state—averages, 2020

	Number of housing units (million)	Average site natural gas consumption (million Btu per household using the end use)			
	Total U.S. <sup>a</sup>	Total	Space heating <sup>b</sup>	Water heating	Other <sup>c</sup>
<b>All homes</b>	123.53	56.6	44.9	18.2	5.3
Alabama	1.90	33.9	28.6	15.0	5.9
Alaska	0.26	118.0	94.5	32.8	4.5
Arizona	2.68	28.3	16.1	14.2	7.3
Arkansas	1.14	54.0	44.3	16.1	4.3
California	13.18	34.2	17.6	18.8	5.4
Colorado	2.26	67.7	52.6	19.2	4.3
Connecticut	1.38	57.0	48.8	20.8	4.0
Delaware	0.38	50.0	40.6	16.8	3.4
District of Columbia	0.32	35.2	28.9	15.6	4.4
Florida	8.06	16.0	8.5	12.8	6.2
Georgia	3.88	48.4	37.0	17.5	5.5
Hawaii	0.47	12.8	Q	14.9	2.8
Idaho	0.66	71.1	51.1	23.1	8.9
Illinois	4.90	79.7	66.3	17.4	3.8
Indiana	2.60	72.3	59.3	17.6	5.1
Iowa	1.28	70.6	56.8	16.1	3.4
Kansas	1.13	64.6	50.9	17.8	3.4
Kentucky	1.74	54.6	43.0	17.2	5.1
Louisiana	1.73	35.4	20.8	17.0	8.2
Maine	0.56	50.8	49.3	17.9	2.6
Maryland	2.28	56.2	43.8	18.1	5.0
Massachusetts	2.71	60.9	48.9	19.1	4.4
Michigan	3.92	87.5	72.7	16.6	4.4
Minnesota	2.23	79.0	64.1	18.1	4.4
Mississippi	1.08	44.8	34.2	18.8	2.8
Missouri	2.43	70.3	56.7	16.5	3.7
Montana	0.43	77.7	60.5	24.5	2.7
Nebraska	0.77	66.6	51.4	18.5	4.7
Nevada	1.14	47.7	25.1	18.9	9.7
New Hampshire	0.54	57.1	44.0	17.7	4.8

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	Total U.S. <sup>a</sup>	Total	Space heating <sup>b</sup>	Water heating	Other <sup>c</sup>
<b>All homes</b>	123.53	56.6	44.9	18.2	5.3
New Jersey	3.39	84.7	60.6	23.3	9.2
New Mexico	0.79	54.7	38.7	18.4	3.5
New York	7.52	54.8	46.2	19.5	5.1
North Carolina	4.01	44.7	35.7	17.0	3.8
North Dakota	0.32	76.6	69.1	19.4	2.4
Ohio	4.74	73.7	62.3	17.0	3.7
Oklahoma	1.49	58.0	42.6	19.9	5.6
Oregon	1.65	57.1	43.2	22.9	3.3
Pennsylvania	5.13	70.4	57.2	17.5	5.2
Rhode Island	0.42	77.0	64.3	21.5	3.5
South Carolina	1.97	34.4	29.1	15.6	5.7
South Dakota	0.35	65.0	53.5	18.2	2.4
Tennessee	2.66	55.3	43.8	18.2	9.6
Texas	10.26	35.5	23.5	15.4	5.5
Utah	1.04	68.1	46.3	20.6	9.8
Vermont	0.26	58.5	47.1	19.7	5.1
Virginia	3.24	57.4	44.0	19.1	7.9
Washington	2.94	62.5	46.4	24.2	4.3
West Virginia	0.70	68.1	59.9	16.9	3.4
Wisconsin	2.39	71.3	59.7	14.9	4.2
Wyoming	0.23	78.4	63.0	18.8	3.3

**CE4.6.NG.ST Annual household site natural gas end-use consumption in the United States by state—averages, 2020**

	Number of housing units (million)	Average site natural gas consumption (million Btu per household using the end use)			
		Total U.S. <sup>a</sup>	Total	Space heating <sup>b</sup>	Water heating
<b>All homes</b>	123.53	56.6	44.9	18.2	5.3

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

<sup>c</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.

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**CE4.6.NG.ST Annual household site natural gas end-use consumption in the United States by state—averages, 2020**

	Number of housing units (million)	Average site natural gas consumption (ccf per household using the end use)			
	Total U.S. <sup>a</sup>	Total	Space heating <sup>b</sup>	Water heating	Other <sup>c</sup>
<b>All homes</b>	123.53	563	446	181	53
Alabama	1.90	335	283	148	58
Alaska	0.26	1,211	969	336	46
Arizona	2.68	299	172	149	76
Arkansas	1.14	540	443	161	43
California	13.18	337	174	185	53
Colorado	2.26	770	599	218	49
Connecticut	1.38	557	477	203	39
Delaware	0.38	484	392	163	33
District of Columbia	0.32	343	281	152	42
Florida	8.06	157	83	125	60
Georgia	3.88	486	371	175	55
Hawaii	0.47	136	Q	158	30
Idaho	0.66	774	557	252	96
Illinois	4.90	788	655	172	38
Indiana	2.60	705	578	171	50
Iowa	1.28	683	550	156	33
Kansas	1.13	653	515	180	35
Kentucky	1.74	533	419	167	50
Louisiana	1.73	347	204	167	81
Maine	0.56	491	477	173	25
Maryland	2.28	546	426	176	48
Massachusetts	2.71	596	478	186	43
Michigan	3.92	850	705	161	43
Minnesota	2.23	774	628	177	43
Mississippi	1.08	440	336	185	27
Missouri	2.43	707	570	166	37
Montana	0.43	831	648	261	28
Nebraska	0.77	660	510	183	46
Nevada	1.14	514	274	202	102
New Hampshire	0.54	558	430	173	47

**CE4.6.NG.ST Annual household site natural gas end-use consumption in the United States by state—averages, 2020**

	Number of housing units (million)	Average site natural gas consumption (ccf per household using the end use)			
		Total U.S. <sup>a</sup>	Total	Space heating <sup>b</sup>	Water heating
<b>All homes</b>	123.53	563	446	181	53
New Jersey	3.39	820	586	225	89
New Mexico	0.79	649	460	217	42
New York	7.52	537	453	191	50
North Carolina	4.01	443	354	169	38
North Dakota	0.32	755	681	191	24
Ohio	4.74	712	602	165	36
Oklahoma	1.49	583	429	200	56
Oregon	1.65	558	422	223	32
Pennsylvania	5.13	697	566	173	51
Rhode Island	0.42	751	628	210	35
South Carolina	1.97	340	288	154	55
South Dakota	0.35	644	531	181	24
Tennessee	2.66	549	435	181	96
Texas	10.26	360	239	155	55
Utah	1.04	771	525	233	109
Vermont	0.26	568	458	191	50
Virginia	3.24	553	424	184	76
Washington	2.94	588	437	227	40
West Virginia	0.70	651	572	162	32
Wisconsin	2.39	704	589	147	41
Wyoming	0.23	898	722	216	37

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		Total U.S. <sup>a</sup>	Total	Space heating <sup>b</sup>	Water heating
<b>All homes</b>	123.53	563	446	181	53

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.

ccf = hundred cubic feet

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

<sup>c</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.

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**Relative standard errors (RSEs) for CE4.6.NG.ST Annual household site natural gas end-use consumption in the United States by state—averages, 2020**

	RSEs for number of housing units		RSEs for average site natural gas consumption		
	Total U.S. <sup>a</sup>	Total	Space heating <sup>b</sup>	Water heating	Other <sup>c</sup>
<b>All homes</b>	0.00	0.70	0.83	0.58	3.19
Alabama	0.00	7.02	8.00	6.16	17.13
Alaska	0.00	4.35	4.19	4.88	11.17
Arizona	0.00	4.01	5.33	3.56	14.66
Arkansas	0.00	5.76	6.81	4.65	26.61
California	0.00	1.94	2.87	1.61	7.50
Colorado	0.00	2.78	3.26	2.83	21.60
Connecticut	0.00	6.76	7.63	5.98	15.45
Delaware	0.00	8.63	8.30	6.00	22.12
District of Columbia	0.00	8.15	9.40	4.21	19.54
Florida	0.00	8.38	11.46	7.38	26.99
Georgia	0.00	5.34	5.33	3.65	21.10
Hawaii	0.00	9.68	0.00	8.45	17.90
Idaho	0.00	4.61	3.68	4.82	33.37
Illinois	0.00	2.46	3.12	2.27	5.95
Indiana	0.00	3.29	3.53	4.02	21.97
Iowa	0.00	3.64	4.18	3.69	10.90
Kansas	0.00	3.73	4.37	4.60	23.88
Kentucky	0.00	4.65	3.93	3.67	31.00
Louisiana	0.00	8.86	9.27	3.78	30.60
Maine	0.00	10.70	9.24	8.06	16.24
Maryland	0.00	4.98	5.21	4.82	15.92
Massachusetts	0.00	3.48	3.53	3.73	12.29
Michigan	0.00	3.26	3.05	3.12	15.30
Minnesota	0.00	3.59	3.53	3.41	25.08
Mississippi	0.00	8.10	9.63	9.03	14.40
Missouri	0.00	3.70	4.28	4.36	12.99
Montana	0.00	5.63	6.27	6.69	10.14
Nebraska	0.00	4.85	5.13	5.25	41.47
Nevada	0.00	5.97	6.72	4.48	26.60
New Hampshire	0.00	9.89	12.65	8.20	22.12

**Relative standard errors (RSEs) for CE4.6.NG.ST Annual household site natural gas end-use consumption in the United States by state—averages, 2020**

	RSEs for number of housing units	RSEs for average site natural gas consumption			
	Total U.S. <sup>a</sup>	Total	Space heating <sup>b</sup>	Water heating	Other <sup>c</sup>
<b>All homes</b>	0.00	0.70	0.83	0.58	3.19
New Jersey	0.00	4.24	3.86	3.18	21.25
New Mexico	0.00	5.04	6.02	5.93	15.76
New York	0.00	2.74	3.19	2.35	13.40
North Carolina	0.00	4.47	5.18	4.44	14.64
North Dakota	0.00	5.55	4.97	4.83	17.85
Ohio	0.00	3.60	3.57	4.05	15.08
Oklahoma	0.00	4.51	4.81	4.74	21.75
Oregon	0.00	5.28	4.60	6.89	9.67
Pennsylvania	0.00	3.88	4.26	3.04	15.28
Rhode Island	0.00	7.79	7.55	7.05	9.50
South Carolina	0.00	6.31	5.59	6.74	24.44
South Dakota	0.00	6.10	7.33	6.44	22.67
Tennessee	0.00	6.98	6.45	5.43	33.30
Texas	0.00	3.17	3.87	2.01	17.23
Utah	0.00	5.01	5.71	3.86	35.18
Vermont	0.00	9.04	9.54	6.82	16.88
Virginia	0.00	5.42	5.49	4.54	22.97
Washington	0.00	3.72	3.71	4.37	17.07
West Virginia	0.00	5.22	5.98	6.71	19.03
Wisconsin	0.00	2.48	3.01	4.14	14.62
Wyoming	0.00	5.20	5.48	5.10	28.79

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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