

Data release date: June 2023

CE4.16.NG.ST Annual household natural gas end-use expenditures in the United States by state—averages, 2020

	Number of housing units (million)	Average natural gas expenditures (dollars per household using the end use)			
	Total U.S. ^a	Total	Space heating ^b	Water heating	Other ^c
All homes	123.53	630	474	222	69
Alabama	1.90	550	452	253	102
Alaska	0.26	1,393	1,116	387	53
Arizona	2.68	438	248	225	109
Arkansas	1.14	695	565	214	54
California	13.18	506	267	273	80
Colorado	2.26	467	360	135	29
Connecticut	1.38	864	708	342	66
Delaware	0.38	666	543	218	48
District of Columbia	0.32	475	379	215	66
Florida	8.06	371	192	302	139
Georgia	3.88	769	582	281	90
Hawaii	0.47	625	Q	719	143
Idaho	0.66	492	356	161	55
Illinois	4.90	678	555	156	36
Indiana	2.60	664	541	168	45
Iowa	1.28	505	406	116	25
Kansas	1.13	633	496	176	38
Kentucky	1.74	620	488	197	54
Louisiana	1.73	438	249	218	101
Maine	0.56	723	696	257	44
Maryland	2.28	726	565	234	65
Massachusetts	2.71	876	700	275	65
Michigan	3.92	703	583	134	35
Minnesota	2.23	613	496	142	33
Mississippi	1.08	500	379	214	32
Missouri	2.43	720	578	173	38
Montana	0.43	536	415	171	20
Nebraska	0.77	544	414	159	36
Nevada	1.14	523	276	214	98
New Hampshire	0.54	820	633	252	73

CE4.16.NG.ST Annual household natural gas end-use expenditures in the United States by state—averages, 2020

	Number of housing units (million)	Average natural gas expenditures (dollars per household using the end use)			
	Total U.S. ^a	Total	Space heating ^b	Water heating	Other ^c
All homes	123.53	630	474	222	69
New Jersey	3.39	735	524	206	78
New Mexico	0.79	434	306	146	29
New York	7.52	924	675	394	127
North Carolina	4.01	577	460	219	55
North Dakota	0.32	460	416	115	15
Ohio	4.74	706	595	167	32
Oklahoma	1.49	537	387	192	51
Oregon	1.65	569	430	228	34
Pennsylvania	5.13	801	645	205	58
Rhode Island	0.42	1,108	926	310	52
South Carolina	1.97	457	380	207	84
South Dakota	0.35	465	383	131	18
Tennessee	2.66	506	401	168	86
Texas	10.26	433	286	194	61
Utah	1.04	663	452	201	90
Vermont	0.26	820	659	277	71
Virginia	3.24	714	546	242	98
Washington	2.94	675	498	262	49
West Virginia	0.70	660	580	164	32
Wisconsin	2.39	542	452	117	31
Wyoming	0.23	690	551	169	30

CE4.16.NG.ST Annual household natural gas end-use expenditures in the United States by state—averages, 2020

	Number of housing units (million)	Average natural gas expenditures (dollars per household using the end use)			
		Total U.S. ^a	Total	Space heating ^b	Water heating
All homes	123.53	630	474	222	69

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.

^a *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.

^b Includes main (primary) and secondary space heating.

^c 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.

Data release date: June 2023

Relative standard errors (RSEs) for CE4.16.NG.ST Annual household natural gas end-use expenditures in the United States by state—averages, 2020

	RSEs for number of housing units	RSEs for average natural gas expenditures			
	Total U.S. ^a	Total	Space heating ^b	Water heating	Other ^c
All homes	0.00	0.74	0.78	0.90	2.77
Alabama	0.00	6.08	7.55	6.54	16.92
Alaska	0.00	4.09	3.96	4.69	10.82
Arizona	0.00	3.11	4.38	2.96	12.85
Arkansas	0.00	4.98	6.02	3.82	25.06
California	0.00	2.22	3.17	1.78	8.18
Colorado	0.00	2.52	2.86	3.07	18.37
Connecticut	0.00	5.65	6.36	6.57	13.74
Delaware	0.00	7.60	7.06	5.64	20.62
District of Columbia	0.00	7.19	8.37	3.93	20.77
Florida	0.00	6.47	10.78	6.24	22.00
Georgia	0.00	4.42	4.69	3.94	19.81
Hawaii	0.00	8.94	0.00	7.67	17.98
Idaho	0.00	4.02	3.54	4.40	30.24
Illinois	0.00	2.70	3.10	3.20	7.10
Indiana	0.00	2.78	3.05	4.25	17.45
Iowa	0.00	2.97	3.56	3.25	11.69
Kansas	0.00	3.01	3.50	4.38	28.36
Kentucky	0.00	3.57	3.28	3.54	25.41
Louisiana	0.00	7.15	8.11	3.42	26.81
Maine	0.00	9.90	8.31	7.50	18.45
Maryland	0.00	4.86	5.07	4.18	15.14
Massachusetts	0.00	3.30	3.47	3.41	11.94
Michigan	0.00	2.86	2.66	2.90	13.92
Minnesota	0.00	3.22	3.14	3.25	21.95
Mississippi	0.00	6.56	8.64	8.41	14.11
Missouri	0.00	2.77	3.28	3.71	11.01
Montana	0.00	5.23	5.88	6.57	11.11
Nebraska	0.00	4.22	4.76	4.71	38.73
Nevada	0.00	4.56	6.73	3.93	21.57
New Hampshire	0.00	9.43	12.28	7.38	20.92

Relative standard errors (RSEs) for CE4.16.NG.ST Annual household natural gas end-use expenditures in the United States by state—averages, 2020

	RSEs for number of housing units	RSEs for average natural gas expenditures			
	Total U.S. ^a	Total	Space heating ^b	Water heating	Other ^c
All homes	0.00	0.74	0.78	0.90	2.77
New Jersey	0.00	3.66	3.51	2.59	18.30
New Mexico	0.00	3.63	4.66	4.61	14.70
New York	0.00	4.11	3.62	5.35	9.74
North Carolina	0.00	3.93	4.72	4.08	14.63
North Dakota	0.00	4.90	4.06	4.23	19.19
Ohio	0.00	3.07	2.96	3.94	14.19
Oklahoma	0.00	2.99	3.58	4.19	17.64
Oregon	0.00	5.13	4.49	6.62	10.28
Pennsylvania	0.00	3.26	3.72	3.04	13.59
Rhode Island	0.00	7.19	6.96	6.29	9.53
South Carolina	0.00	5.28	4.60	6.24	23.88
South Dakota	0.00	5.08	6.39	5.33	22.16
Tennessee	0.00	5.88	5.41	4.31	31.29
Texas	0.00	2.47	3.22	2.20	12.35
Utah	0.00	4.50	5.33	3.40	32.79
Vermont	0.00	8.04	8.47	6.05	16.57
Virginia	0.00	4.59	4.85	3.93	21.71
Washington	0.00	3.37	3.40	4.23	15.55
West Virginia	0.00	4.69	5.19	6.49	19.28
Wisconsin	0.00	2.07	2.64	4.09	13.18
Wyoming	0.00	4.10	4.46	4.13	31.08

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.

^a *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.

^b Includes main (primary) and secondary space heating.

^c Includes end uses not shown in this table. A more detailed breakout of end uses is shown in the *CE5* tables.