

Data release date: June 2023

**CE4.16.LP.ST Annual household propane end-use expenditures in the United States by state—averages, 2020**

	Number of housing units (million)	Average propane expenditures (dollars 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	735	698	383	180
Alabama	1.90	408	334	Q	204
Alaska	0.26	522	Q	564	77
Arizona	2.68	510	380	364	199
Arkansas	1.14	429	395	297	114
California	13.18	953	743	491	276
Colorado	2.26	1,059	902	287	Q
Connecticut	1.38	641	683	436	258
Delaware	0.38	693	566	372	259
District of Columbia	0.32	Q	N	Q	N
Florida	8.06	377	Q	359	252
Georgia	3.88	521	437	440	123
Hawaii	0.47	435	Q	585	157
Idaho	0.66	860	949	Q	52
Illinois	4.90	1,310	1,131	262	74
Indiana	2.60	1,005	876	334	226
Iowa	1.28	990	918	229	57
Kansas	1.13	683	554	245	170
Kentucky	1.74	462	394	Q	215
Louisiana	1.73	404	Q	Q	Q
Maine	0.56	836	878	370	192
Maryland	2.28	379	Q	Q	214
Massachusetts	2.71	884	1,014	523	398
Michigan	3.92	1,266	1,110	316	156
Minnesota	2.23	828	777	267	110
Mississippi	1.08	750	543	385	249
Missouri	2.43	536	457	Q	69
Montana	0.43	790	671	Q	Q
Nebraska	0.77	612	537	Q	Q
Nevada	1.14	1,152	785	538	Q
New Hampshire	0.54	1,042	1,088	506	339

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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	735	698	383	180
New Jersey	3.39	582	Q	Q	101
New Mexico	0.79	1,001	882	433	Q
New York	7.52	872	1,248	452	185
North Carolina	4.01	568	489	437	185
North Dakota	0.32	893	883	218	83
Ohio	4.74	1,122	1,008	286	100
Oklahoma	1.49	558	470	441	131
Oregon	1.65	448	438	Q	121
Pennsylvania	5.13	659	654	443	203
Rhode Island	0.42	434	Q	Q	196
South Carolina	1.97	484	344	Q	223
South Dakota	0.35	814	719	234	Q
Tennessee	2.66	484	394	386	Q
Texas	10.26	517	414	319	125
Utah	1.04	Q	Q	Q	Q
Vermont	0.26	836	1,009	427	154
Virginia	3.24	579	455	541	123
Washington	2.94	526	436	446	175
West Virginia	0.70	469	526	Q	71
Wisconsin	2.39	959	921	227	183
Wyoming	0.23	1,479	1,430	Q	Q

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		Total U.S. <sup>a</sup>	Total	Space heating <sup>b</sup>	Water heating
<b>All homes</b>	123.53	735	698	383	180

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.

<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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**Relative standard errors (RSEs) for CE4.16.LP.ST Annual household propane end-use expenditures in the United States by state—averages, 2020**

	RSEs for number of housing units	RSEs for average propane expenditures			
	Total U.S. <sup>a</sup>	Total	Space heating <sup>b</sup>	Water heating	Other <sup>c</sup>
<b>All homes</b>	0.00	2.63	2.94	2.44	5.83
Alabama	0.00	20.05	27.62	17.04	22.00
Alaska	0.00	31.88	27.26	15.00	12.73
Arizona	0.00	16.50	21.06	7.87	30.98
Arkansas	0.00	18.38	20.10	17.99	32.03
California	0.00	13.44	18.71	6.42	33.73
Colorado	0.00	23.93	26.26	13.26	24.12
Connecticut	0.00	14.03	18.49	15.21	32.56
Delaware	0.00	15.69	20.18	13.71	39.95
District of Columbia	0.00	0.00	0.00	0.00	0.00
Florida	0.00	20.76	66.77	21.11	31.08
Georgia	0.00	14.14	15.72	17.15	24.20
Hawaii	0.00	22.05	0.00	19.78	18.67
Idaho	0.00	24.49	24.13	18.79	24.97
Illinois	0.00	11.02	12.67	7.94	14.04
Indiana	0.00	11.09	12.07	10.85	32.49
Iowa	0.00	7.26	7.04	4.72	21.23
Kansas	0.00	14.15	16.61	8.43	34.42
Kentucky	0.00	15.01	19.83	22.16	21.05
Louisiana	0.00	27.51	74.92	23.54	50.78
Maine	0.00	8.85	10.22	6.80	18.65
Maryland	0.00	22.92	50.65	33.03	27.86
Massachusetts	0.00	12.81	17.16	7.98	26.23
Michigan	0.00	8.35	9.86	10.53	36.15
Minnesota	0.00	9.20	10.03	12.02	39.52
Mississippi	0.00	20.17	19.87	17.64	49.59
Missouri	0.00	10.56	11.36	14.24	36.77
Montana	0.00	22.18	13.78	6.23	79.54
Nebraska	0.00	22.09	26.31	27.37	59.80
Nevada	0.00	19.00	30.28	18.89	32.99
New Hampshire	0.00	11.66	12.91	9.79	29.61

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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>	0.00	2.63	2.94	2.44	5.83
New Jersey	0.00	24.49	30.49	16.98	32.24
New Mexico	0.00	19.60	25.36	14.45	65.06
New York	0.00	10.97	10.01	8.97	19.80
North Carolina	0.00	15.42	19.66	17.90	23.24
North Dakota	0.00	8.50	8.98	11.42	33.82
Ohio	0.00	13.96	13.39	7.49	46.01
Oklahoma	0.00	22.69	30.47	11.19	40.17
Oregon	0.00	20.10	32.36	16.76	33.49
Pennsylvania	0.00	11.73	12.13	11.02	18.14
Rhode Island	0.00	14.48	24.07	14.28	26.08
South Carolina	0.00	13.41	20.09	29.20	29.81
South Dakota	0.00	11.76	10.89	15.80	50.59
Tennessee	0.00	16.65	19.26	13.96	53.55
Texas	0.00	12.89	16.77	5.59	23.35
Utah	0.00	39.33	0.00	51.61	68.26
Vermont	0.00	9.89	10.53	5.08	18.23
Virginia	0.00	16.19	18.35	10.32	23.31
Washington	0.00	20.43	22.61	14.13	29.56
West Virginia	0.00	30.03	34.42	24.35	19.74
Wisconsin	0.00	8.52	9.93	16.66	36.39
Wyoming	0.00	20.50	22.48	10.54	42.46

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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