

Data release date: May 2025

Table CE8.10.M.2020 Monthly household site electricity expenditures in the United States—averages, 2020

	Number of housing units (million)	Average site electricity expenditures ^a (dollars per household using the fuel)												
	Total U.S. ^b	Annual	January	February	March	April	May	June	July	August	September	October	November	December
All homes	123.53	1,380	114	104	98	93	103	126	158	150	115	99	96	123
Census region and division														
Northeast	21.92	1,343	113	102	99	91	96	121	164	146	107	89	96	119
New England	5.88	1,478	129	118	115	107	106	130	170	151	111	98	109	134
Middle Atlantic	16.04	1,293	107	96	92	85	92	118	161	144	106	86	91	113
Midwest	27.04	1,293	113	104	97	89	93	121	153	134	95	87	93	116
East North Central	18.55	1,284	110	105	98	91	94	115	150	132	94	86	94	115
West North Central	8.50	1,314	117	102	93	85	91	133	159	139	97	90	90	118
South	46.84	1,548	127	117	108	103	118	145	175	168	132	110	103	141
South Atlantic	24.84	1,556	129	117	113	106	117	143	174	166	131	111	106	143
East South Central	7.38	1,581	145	134	112	100	115	140	172	162	126	102	111	162
West South Central	14.62	1,517	114	109	97	99	121	151	179	175	136	113	95	126
West	27.72	1,211	95	85	84	80	93	104	129	140	113	98	90	102
Mountain	9.22	1,238	91	81	76	78	99	120	152	156	115	91	81	97
Mountain North	4.62	987	85	78	73	67	69	83	105	110	77	70	77	92
Mountain South	4.60	1,491	96	84	79	90	129	156	200	203	152	113	86	102
Pacific	18.51	1,197	97	86	88	80	89	97	117	131	113	101	94	105
States														
Alabama	1.90	1,784	159	144	121	109	136	165	197	193	141	114	122	185
Alaska	0.26	1,628	177	149	151	131	117	110	114	116	118	135	153	158
Arizona	2.68	1,737	107	93	87	104	156	184	236	242	185	135	96	112
Arkansas	1.14	1,518	137	125	102	91	109	149	183	161	121	98	97	144
California	13.18	1,166	84	74	76	75	88	100	125	145	122	102	84	92
Colorado	2.26	897	75	70	65	61	63	81	97	99	73	64	68	81
Connecticut	1.38	1,749	159	144	138	128	124	155	207	175	127	108	123	161
Delaware	0.38	1,349	128	111	102	93	94	115	150	140	104	89	96	128
District of Columbia	0.32	833	72	65	59	53	58	78	102	91	64	55	57	78
Florida	8.06	1,582	110	103	116	120	125	154	168	169	149	137	109	124
Georgia	3.88	1,706	138	125	115	104	132	165	201	192	147	115	111	160
Hawaii	0.47	1,911	153	142	149	147	163	158	167	171	168	171	159	162
Idaho	0.66	1,106	104	93	84	75	76	86	108	113	79	78	95	115
Illinois	4.90	1,093	93	85	79	73	80	107	139	119	79	70	74	94
Indiana	2.60	1,546	143	136	122	108	112	137	168	148	116	103	109	143
Iowa	1.28	1,324	122	105	95	87	91	135	166	140	92	86	89	116

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	Total U.S. ^b	Annual	January	February	March	April	May	June	July	August	September	October	November	December
All homes	123.53	1,380	114	104	98	93	103	126	158	150	115	99	96	123
Kansas	1.13	1,439	115	103	91	88	100	166	188	165	118	99	91	116
Kentucky	1.74	1,492	142	135	117	101	103	122	154	145	121	97	108	148
Louisiana	1.73	1,480	110	101	97	97	120	145	167	167	140	111	95	130
Maine	0.56	1,173	109	97	97	89	87	92	115	107	85	88	95	113
Maryland	2.28	1,416	137	121	109	98	99	120	158	141	100	86	100	147
Massachusetts	2.71	1,458	123	115	112	105	104	131	172	155	111	96	106	129
Michigan	3.92	1,464	112	117	115	109	110	128	173	154	102	96	120	126
Minnesota	2.23	1,224	110	98	92	85	87	113	137	122	86	90	92	113
Mississippi	1.08	1,552	133	120	105	95	116	144	173	167	137	106	105	150
Missouri	2.43	1,405	125	108	94	84	99	148	181	152	105	90	92	127
Montana	0.43	1,065	108	101	97	82	71	71	84	92	72	85	95	106
Nebraska	0.77	1,148	103	88	79	75	74	118	134	125	89	79	78	108
Nevada	1.14	1,227	82	74	74	77	103	124	160	164	120	88	73	88
New Hampshire	0.54	1,312	121	110	107	97	100	112	137	123	96	89	100	119
New Jersey	3.39	1,324	98	88	87	80	88	134	194	171	114	80	84	107
New Mexico	0.79	1,035	82	71	63	60	77	106	134	128	86	73	68	88
New York	7.52	1,270	99	90	89	83	94	118	160	143	109	88	91	105
North Carolina	4.01	1,432	131	118	105	91	103	126	162	151	112	90	97	146
North Dakota	0.32	1,211	135	112	104	87	81	92	108	104	76	91	98	123
Ohio	4.74	1,214	111	103	94	84	86	102	138	121	94	81	87	114
Oklahoma	1.49	1,418	117	112	94	90	102	146	177	158	115	97	89	122
Oregon	1.65	1,322	128	118	118	98	96	94	108	107	96	100	118	141
Pennsylvania	5.13	1,307	124	110	101	92	94	107	142	128	96	86	96	130
Rhode Island	0.42	1,482	114	107	108	100	99	128	183	169	118	107	114	134
South Carolina	1.97	1,681	147	132	119	105	125	151	193	183	140	111	113	162
South Dakota	0.35	1,275	123	109	100	93	89	110	126	126	93	90	97	119
Tennessee	2.66	1,506	141	131	107	94	109	133	165	149	115	95	107	159
Texas	10.26	1,538	112	108	97	102	125	153	181	180	141	118	95	124
Utah	1.04	1,041	81	71	67	64	76	93	133	140	86	69	73	89
Vermont	0.26	1,252	110	101	101	94	99	103	123	109	96	94	103	120
Virginia	3.24	1,578	149	132	116	102	111	139	184	167	119	97	105	157

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Table CE8.10.M.2020 Monthly household site electricity expenditures in the United States—averages, 2020

	Number of housing units (million)	Average site electricity expenditures ^a (dollars per household using the fuel)												
	Total U.S. ^b	Annual	January	February	March	April	May	June	July	August	September	October	November	December
All homes	123.53	1,380	114	104	98	93	103	126	158	150	115	99	96	123
Washington	2.94	1,117	122	109	109	82	74	71	77	78	71	84	109	129
West Virginia	0.70	1,567	163	150	126	112	112	117	154	136	105	100	119	172
Wisconsin	2.39	1,233	106	97	94	90	93	110	142	125	88	89	89	109
Wyoming	0.23	1,133	116	109	96	87	77	78	94	96	80	85	98	117

Data source: U.S. Energy Information Administration, Office of Energy Demand and Integrated Statistics, Forms EIA-457A, D, E, F, & G of the 2020 Residential Energy Consumption Survey (RECS)

Notes: Because of rounding, data may not sum to totals. See RECS Terminology for definition of terms used in these tables.

^a Consumption and expenditures for biomass (wood), coal, district steam, and solar thermal are excluded.

^b 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.

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Relative standard errors (RSEs) for Table CE8.10.M.2020 Monthly household site electricity expenditures in the United States—averages, 2020

	RSEs for number of housing units	RSEs for average site electricity expenditures ^a												
	Total U.S. ^b	Annual	January	February	March	April	May	June	July	August	September	October	November	December
All homes	0.00	0.39	0.55	0.52	0.52	0.49	0.46	0.48	0.48	0.47	0.48	0.47	0.45	0.57
Census region and division														
Northeast	0.00	1.09	1.44	1.34	1.24	1.16	1.17	1.37	1.41	1.36	1.31	1.13	1.17	1.37
New England	0.00	1.60	2.04	1.96	1.88	1.91	1.91	1.89	1.81	1.82	1.73	1.59	1.54	1.72
Middle Atlantic	0.00	1.49	2.02	1.89	1.76	1.69	1.61	1.78	1.85	1.81	1.76	1.60	1.67	1.90
Midwest	0.00	0.90	1.27	1.35	1.15	1.13	0.91	1.01	1.06	1.07	1.07	1.04	1.09	1.26
East North Central	0.00	1.19	1.63	1.72	1.45	1.48	1.21	1.28	1.33	1.32	1.38	1.38	1.44	1.66
West North Central	0.00	1.18	1.77	1.84	1.67	1.53	1.39	1.44	1.43	1.39	1.30	1.34	1.49	1.77
South	0.00	0.66	0.91	0.86	0.72	0.76	0.74	0.75	0.71	0.69	0.70	0.76	0.83	0.91
South Atlantic	0.00	0.95	1.11	1.06	1.02	1.08	1.06	1.12	1.06	1.06	1.08	1.12	1.06	1.12
East South Central	0.00	1.25	1.86	1.80	1.39	1.32	1.34	1.39	1.40	1.40	1.30	1.23	1.50	1.84
West South Central	0.00	1.20	1.73	1.73	1.46	1.35	1.45	1.35	1.30	1.29	1.37	1.29	1.43	1.56
West	0.00	0.99	1.21	1.27	1.88	1.28	1.08	1.19	1.17	1.12	1.13	1.22	1.14	1.32
Mountain	0.00	1.38	1.64	1.60	1.47	1.59	1.66	1.68	1.63	1.66	1.65	1.48	1.43	1.56
Mountain North	0.00	1.90	2.18	2.21	2.01	2.04	2.13	2.18	2.23	2.28	2.03	1.89	2.12	2.35
Mountain South	0.00	1.85	2.21	2.10	2.06	2.23	2.21	2.10	1.99	2.06	2.12	2.04	1.97	2.05
Pacific	0.00	1.42	1.67	1.70	2.63	1.72	1.55	1.78	1.92	1.80	1.65	1.72	1.56	1.85
States														
Alabama	0.00	3.23	4.21	4.02	3.57	3.85	3.60	3.53	3.47	3.40	3.25	3.12	3.39	4.17
Alaska	0.00	3.21	3.67	3.65	3.57	3.42	3.52	3.46	3.35	3.33	3.31	3.24	3.66	3.65
Arizona	0.00	2.51	3.02	2.91	2.94	3.18	2.86	2.64	2.46	2.50	2.68	2.81	2.94	3.02
Arkansas	0.00	3.67	4.14	4.17	3.81	3.75	4.31	4.83	4.94	4.67	3.71	3.34	3.64	4.06
California	0.00	1.94	2.45	2.47	3.64	2.42	2.22	2.39	2.45	2.28	2.09	2.27	2.20	2.72
Colorado	0.00	3.11	3.49	3.72	3.40	3.31	3.48	3.60	3.49	3.55	3.37	3.37	3.45	3.91
Connecticut	0.00	3.71	4.66	4.25	3.94	4.06	4.20	4.35	4.08	3.97	4.23	3.96	3.96	4.50
Delaware	0.00	4.26	6.38	6.14	5.38	4.99	4.24	4.32	4.18	4.20	4.32	4.07	4.48	5.68
District of Columbia	0.00	4.10	5.31	5.32	4.33	4.05	3.98	4.45	4.54	4.53	4.27	3.86	4.10	5.30
Florida	0.00	2.21	2.47	2.51	2.46	2.41	2.27	2.32	2.31	2.28	2.32	2.31	2.31	2.67
Georgia	0.00	2.82	3.34	3.29	3.09	3.11	3.13	3.23	3.13	3.11	2.89	2.94	2.93	3.15
Hawaii	0.00	4.25	4.42	4.40	4.35	4.40	4.54	4.33	4.26	4.41	4.59	4.44	4.37	4.44
Idaho	0.00	3.82	4.34	4.31	4.10	4.02	3.93	4.32	4.47	5.33	4.26	4.20	4.60	4.48
Illinois	0.00	2.45	3.78	3.89	3.40	3.20	2.70	2.54	2.42	2.23	2.22	2.35	2.64	3.29
Indiana	0.00	2.44	3.13	3.08	2.83	2.77	2.64	2.82	2.80	2.67	2.75	2.93	2.71	3.20
Iowa	0.00	2.90	4.49	4.39	4.00	3.56	2.97	2.95	2.82	2.76	2.76	3.06	3.27	3.91

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Relative standard errors (RSEs) for Table CE8.10.M.2020 Monthly household site electricity expenditures in the United States—averages, 2020

	RSEs for number of housing units	RSEs for average site electricity expenditures ^a												
	Total U.S. ^b	Annual	January	February	March	April	May	June	July	August	September	October	November	December
All homes	0.00	0.39	0.55	0.52	0.52	0.49	0.46	0.48	0.48	0.47	0.48	0.47	0.45	0.57
Kansas	0.00	3.14	4.41	4.26	3.63	3.57	3.41	4.09	3.90	3.49	3.24	3.05	3.60	4.02
Kentucky	0.00	2.32	3.15	3.13	2.57	2.45	2.40	2.51	2.54	2.37	2.41	2.30	4.33	3.18
Louisiana	0.00	2.78	3.55	3.23	3.31	3.14	3.11	2.84	2.85	2.98	3.35	3.38	3.80	3.50
Maine	0.00	3.44	4.29	4.38	3.98	3.77	3.81	3.82	4.05	3.88	3.54	3.44	3.67	3.92
Maryland	0.00	3.26	4.43	4.30	3.80	3.75	3.58	3.21	3.13	3.03	3.07	3.24	3.70	4.32
Massachusetts	0.00	2.50	3.01	3.19	2.97	2.95	2.89	3.02	2.97	2.95	2.72	2.50	2.53	2.82
Michigan	0.00	3.01	3.98	4.15	3.62	3.57	3.27	3.33	3.25	3.35	3.15	3.06	3.40	3.44
Minnesota	0.00	3.50	4.77	4.86	4.22	4.11	3.52	3.11	2.99	3.34	3.53	4.21	4.09	4.51
Mississippi	0.00	3.43	4.74	4.51	3.65	3.67	3.48	3.64	3.67	3.70	3.69	3.87	4.52	5.21
Missouri	0.00	2.66	4.09	4.10	3.69	3.45	3.22	3.49	3.26	3.17	3.00	3.00	3.17	4.01
Montana	0.00	5.33	6.48	6.30	6.53	6.10	5.35	5.11	5.06	5.57	5.02	5.65	6.09	6.28
Nebraska	0.00	5.19	7.08	6.77	6.12	5.69	5.28	5.03	5.00	5.04	4.89	4.95	5.56	7.74
Nevada	0.00	4.15	4.56	4.45	4.11	4.25	4.70	4.75	4.74	4.56	4.58	4.35	4.22	4.59
New Hampshire	0.00	4.49	4.85	4.78	4.51	4.71	4.83	5.21	5.55	5.44	4.92	4.43	4.46	4.83
New Jersey	0.00	2.95	3.75	3.71	3.28	3.29	3.29	3.53	3.50	3.42	3.08	2.96	3.31	3.89
New Mexico	0.00	5.48	6.42	6.26	5.22	5.45	6.11	6.49	6.71	6.81	6.14	5.90	5.03	6.12
New York	0.00	2.15	3.13	2.63	2.42	2.28	2.34	2.76	2.84	2.85	2.92	2.37	2.14	2.31
North Carolina	0.00	2.12	2.40	2.40	2.18	2.34	2.20	2.36	2.39	2.34	2.30	2.31	2.27	2.65
North Dakota	0.00	3.54	4.14	4.22	4.04	3.73	4.08	3.99	3.91	4.16	3.87	3.78	3.99	3.90
Ohio	0.00	2.99	4.02	4.31	3.85	3.63	3.00	2.98	3.09	3.07	3.11	3.20	3.27	4.04
Oklahoma	0.00	3.55	5.05	5.56	4.38	4.48	4.32	3.54	3.50	3.69	3.65	3.92	3.89	5.38
Oregon	0.00	3.03	3.48	3.32	3.25	3.10	3.09	3.29	3.60	3.59	3.38	3.24	3.59	3.82
Pennsylvania	0.00	2.81	3.83	3.98	3.56	3.48	2.68	2.34	2.40	2.52	2.41	2.97	3.61	3.79
Rhode Island	0.00	4.60	5.74	5.48	5.15	5.09	4.63	5.05	5.25	5.36	4.84	4.49	4.65	5.86
South Carolina	0.00	2.81	3.18	3.14	2.96	3.06	3.15	3.28	3.34	3.25	3.17	3.21	3.14	3.16
South Dakota	0.00	4.03	5.95	5.37	4.99	4.67	6.52	4.43	4.12	4.09	3.99	3.97	4.49	5.10
Tennessee	0.00	2.75	2.96	3.00	2.84	2.91	3.03	3.19	3.16	3.19	3.31	3.00	2.90	3.07
Texas	0.00	1.51	2.19	2.22	1.82	1.75	1.78	1.67	1.53	1.56	1.71	1.73	1.85	2.02
Utah	0.00	4.25	5.20	5.32	4.73	5.01	5.19	4.55	4.52	4.51	4.65	4.45	5.04	5.38
Vermont	0.00	4.23	4.96	4.89	4.72	4.52	4.85	4.85	4.34	4.74	4.69	4.21	4.39	4.47
Virginia	0.00	2.20	2.77	2.79	2.40	2.38	2.24	2.72	2.85	2.65	2.37	2.20	2.31	2.76

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	RSEs for number of housing units	RSEs for average site electricity expenditures ^a												
	Total U.S. ^b	Annual	January	February	March	April	May	June	July	August	September	October	November	December
All homes	0.00	0.39	0.55	0.52	0.52	0.49	0.46	0.48	0.48	0.47	0.48	0.47	0.45	0.57
Washington	0.00	2.81	3.05	3.26	3.58	3.35	3.29	3.44	3.21	3.13	2.84	2.73	3.03	2.93
West Virginia	0.00	4.38	5.50	5.42	4.87	5.12	4.63	4.57	4.42	4.37	4.41	4.52	4.85	5.71
Wisconsin	0.00	2.76	4.19	4.29	3.64	3.36	2.87	2.74	2.73	2.56	2.51	2.73	2.88	3.62
Wyoming	0.00	4.70	6.39	5.97	5.44	5.03	4.76	4.85	5.26	5.30	4.77	4.74	5.58	5.58

Data source: U.S. Energy Information Administration, Office of Energy Demand and Integrated Statistics, Forms EIA-457A, D, E, F, & G of the 2020 Residential Energy Consumption Survey (RECS)

Notes: Because of rounding, data may not sum to totals. See RECS Terminology for definition of terms used in these tables.

^a Consumption and expenditures for biomass (wood), coal, district steam, and solar thermal are excluded.

^b 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.