

Data release date: May 2025

Table CE8.8.M.2020 Monthly household site electricity water heating consumption in the United States—averages, 2020

	Number of housing units (million)	Average site electricity water heating consumption (million Btu per household using the end use)												
	Total U.S. ^a	Annual	January	February	March	April	May	June	July	August	September	October	November	December
All homes	123.53	9.2	0.9	0.8	0.9	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.9
Census region and division														
Northeast	21.92	8.3	0.8	0.7	0.8	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.7	0.8
New England	5.88	7.2	0.7	0.6	0.7	0.7	0.6	0.5	0.5	0.5	0.5	0.6	0.6	0.7
Middle Atlantic	16.04	8.6	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.7	0.8
Midwest	27.04	9.4	0.9	0.8	0.9	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.8	0.9
East North Central	18.55	9.1	0.9	0.8	0.9	0.8	0.8	0.7	0.7	0.7	0.6	0.7	0.7	0.8
West North Central	8.50	9.8	0.9	0.9	0.9	0.9	0.8	0.7	0.7	0.7	0.7	0.7	0.8	0.9
South	46.84	9.5	0.9	0.8	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.9
South Atlantic	24.84	9.4	0.9	0.8	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.9
East South Central	7.38	10.1	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.8	0.9
West South Central	14.62	9.4	0.9	0.8	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.9
West	27.72	8.8	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.7	0.7	0.8
Mountain	9.22	8.7	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.7	0.8
Mountain North	4.62	9.8	1.0	0.9	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.8	1.0
Mountain South	4.60	8.0	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.5	0.6	0.6	0.8
Pacific	18.51	8.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.7	0.7	0.8
States														
Alabama	1.90	9.7	0.9	0.9	0.9	0.8	0.9	0.8	0.8	0.7	0.7	0.7	0.7	0.9
Alaska	0.26	10.9	1.0	0.9	1.0	1.0	0.9	0.8	0.8	0.8	0.8	0.8	0.9	1.0
Arizona	2.68	8.1	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.5	0.6	0.6	0.8
Arkansas	1.14	11.0	1.1	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	1.0
California	13.18	5.8	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.5	0.5
Colorado	2.26	8.2	0.8	0.7	0.8	0.7	0.7	0.7	0.6	0.6	0.5	0.6	0.7	0.8
Connecticut	1.38	7.1	0.7	0.6	0.7	0.6	0.6	0.5	0.5	0.5	0.4	0.5	0.6	0.8
Delaware	0.38	10.4	1.0	0.9	1.0	0.9	0.9	0.9	0.8	0.8	0.7	0.8	0.8	0.9
District of Columbia	0.32	6.8	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.6
Florida	8.06	8.0	0.7	0.7	0.8	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.7
Georgia	3.88	11.1	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.9	1.0
Hawaii	0.47	7.4	0.7	0.6	0.7	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.7
Idaho	0.66	12.9	1.3	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.8	1.0	1.1	1.3
Illinois	4.90	7.2	0.7	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.6	0.7
Indiana	2.60	11.3	1.1	1.0	1.1	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	1.0
Iowa	1.28	9.0	0.9	0.8	0.9	0.8	0.7	0.7	0.7	0.7	0.6	0.7	0.7	0.8

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Table CE8.8.M.2020 Monthly household site electricity water heating consumption in the United States—averages, 2020

	Number of housing units (million)	Average site electricity water heating consumption (million Btu per household using the end use)												
	Total U.S. ^a	Annual	January	February	March	April	May	June	July	August	September	October	November	December
All homes	123.53	9.2	0.9	0.8	0.9	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.9
Kansas	1.13	9.6	0.9	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.7	0.7	0.9
Kentucky	1.74	10.2	1.0	0.9	1.0	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.9
Louisiana	1.73	10.2	0.9	0.9	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.8	0.8	0.9
Maine	0.56	7.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.6	0.6	0.7
Maryland	2.28	9.7	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.6	0.7	0.8	0.9
Massachusetts	2.71	6.9	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.7
Michigan	3.92	8.9	0.7	0.8	0.8	0.9	0.7	0.6	0.7	0.7	0.6	0.6	0.9	0.9
Minnesota	2.23	10.3	1.0	0.9	1.0	1.0	0.9	0.8	0.8	0.7	0.7	0.8	0.8	1.0
Mississippi	1.08	9.3	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.9
Missouri	2.43	9.9	0.9	0.9	1.0	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.8	0.9
Montana	0.43	10.0	1.0	0.9	1.0	0.9	0.9	0.7	0.7	0.7	0.7	0.8	0.9	0.9
Nebraska	0.77	8.3	0.8	0.8	0.8	0.8	0.7	0.6	0.6	0.6	0.6	0.6	0.7	0.7
Nevada	1.14	7.6	0.7	0.7	0.8	0.7	0.7	0.6	0.5	0.5	0.5	0.6	0.6	0.7
New Hampshire	0.54	7.9	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.7	0.7	0.8
New Jersey	3.39	7.5	0.7	0.6	0.7	0.7	0.6	0.6	0.6	0.6	0.5	0.6	0.6	0.7
New Mexico	0.79	7.6	0.7	0.7	0.7	0.7	0.7	0.6	0.5	0.5	0.5	0.6	0.6	0.7
New York	7.52	7.2	0.7	0.6	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.6	0.7
North Carolina	4.01	9.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.7	0.9
North Dakota	0.32	10.8	1.0	1.0	1.0	1.0	0.9	0.8	0.8	0.8	0.8	0.8	0.9	1.0
Ohio	4.74	9.7	0.9	0.9	1.0	0.9	0.8	0.7	0.8	0.7	0.7	0.7	0.8	0.9
Oklahoma	1.49	9.8	0.9	0.9	1.0	0.9	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.9
Oregon	1.65	12.5	1.2	1.1	1.1	1.1	1.1	1.0	1.0	0.9	0.9	0.9	1.0	1.2
Pennsylvania	5.13	10.4	1.0	0.9	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.8	0.8	1.0
Rhode Island	0.42	6.8	0.6	0.6	0.6	0.6	0.5	0.5	0.6	0.5	0.5	0.5	0.6	0.7
South Carolina	1.97	10.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.8	0.9
South Dakota	0.35	10.3	1.0	0.9	1.0	1.0	0.8	0.8	0.8	0.7	0.7	0.7	0.9	1.0
Tennessee	2.66	10.6	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	1.0
Texas	10.26	9.1	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.7	0.7	0.8
Utah	1.04	8.8	0.8	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.6	0.6	0.7	0.9
Vermont	0.26	9.0	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.7	0.8	0.9
Virginia	3.24	10.8	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.7	0.8	0.8	1.0

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	Number of housing units (million)	Average site electricity water heating consumption (million Btu per household using the end use)												
	Total U.S. ^a	Annual	January	February	March	April	May	June	July	August	September	October	November	December
All homes	123.53	9.2	0.9	0.8	0.9	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.9
Washington	2.94	11.1	1.1	1.0	1.0	1.0	1.0	0.9	0.8	0.8	0.8	0.8	0.9	1.1
West Virginia	0.70	11.8	1.2	1.1	1.1	1.0	1.0	0.9	1.0	0.9	0.8	0.8	0.9	1.0
Wisconsin	2.39	8.4	0.8	0.7	0.8	0.7	0.7	0.6	0.7	0.6	0.6	0.6	0.7	0.8
Wyoming	0.23	10.0	1.0	0.9	0.9	0.9	0.8	0.7	0.7	0.7	0.7	0.7	0.9	1.0

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.

Btu = British thermal units

^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.

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Table CE8.8.M.2020 Monthly household site electricity water heating consumption in the United States—averages, 2020

	Number of housing units (million)	Average site electricity water heating consumption (kWh per household using the end use)												
	Total U.S. ^a	Annual	January	February	March	April	May	June	July	August	September	October	November	December
All homes	123.53	2,706	255	240	254	239	233	215	212	202	191	201	215	250
Census region and division														
Northeast	21.92	2,421	232	214	230	214	205	183	186	176	166	183	201	231
New England	5.88	2,124	208	189	199	191	177	155	157	148	138	163	184	214
Middle Atlantic	16.04	2,528	241	223	241	223	215	193	197	186	176	190	207	236
Midwest	27.04	2,741	259	245	262	245	226	210	214	208	196	201	221	253
East North Central	18.55	2,673	250	238	254	240	222	206	212	204	190	192	216	247
West North Central	8.50	2,870	274	258	276	255	235	218	219	215	207	217	230	265
South	46.84	2,798	260	249	262	247	245	227	221	210	199	208	218	254
South Atlantic	24.84	2,767	256	243	260	246	244	225	219	207	195	206	215	251
East South Central	7.38	2,958	277	267	275	252	252	241	235	225	214	218	231	272
West South Central	14.62	2,766	257	249	257	245	243	224	218	205	197	207	214	250
West	27.72	2,575	250	228	239	227	223	201	197	187	179	192	208	245
Mountain	9.22	2,550	257	235	241	226	217	194	191	182	171	185	203	248
Mountain North	4.62	2,881	281	257	268	251	242	222	224	211	192	211	241	282
Mountain South	4.60	2,340	241	221	224	211	202	176	170	163	158	169	179	226
Pacific	18.51	2,588	246	224	238	228	226	205	200	190	183	196	211	243
States														
Alabama	1.90	2,840	270	259	267	246	249	228	220	210	199	210	219	264
Alaska	0.26	3,187	298	274	287	286	270	245	245	244	230	246	270	292
Arizona	2.68	2,375	250	225	226	211	203	179	174	166	160	169	180	230
Arkansas	1.14	3,220	312	302	302	269	265	257	253	247	231	234	247	302
California	13.18	1,694	153	139	152	152	152	139	136	133	125	126	132	156
Colorado	2.26	2,397	241	216	230	210	202	192	187	175	158	167	191	228
Connecticut	1.38	2,077	206	187	196	184	170	151	155	140	128	151	186	222
Delaware	0.38	3,060	286	271	294	271	269	252	230	222	219	228	244	273
District of Columbia	0.32	1,979	178	166	180	175	177	168	169	154	138	148	154	173
Florida	8.06	2,354	204	194	222	219	215	190	183	177	171	183	186	209
Georgia	3.88	3,263	304	292	301	280	288	262	256	244	231	243	256	305
Hawaii	0.47	2,179	193	181	191	181	198	168	168	167	162	179	185	204
Idaho	0.66	3,791	372	346	354	336	321	287	281	267	245	280	328	374
Illinois	4.90	2,123	194	183	194	187	189	176	167	162	152	156	169	196
Indiana	2.60	3,318	324	302	317	295	274	270	268	255	249	233	245	287
Iowa	1.28	2,633	255	237	255	239	214	200	198	196	190	203	207	239

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	Number of housing units (million)	Average site electricity water heating consumption (kWh per household using the end use)												
	Total U.S. ^a	Annual	January	February	March	April	May	June	July	August	September	October	November	December
All homes	123.53	2,706	255	240	254	239	233	215	212	202	191	201	215	250
Kansas	1.13	2,808	266	247	246	214	204	215	248	248	229	216	204	272
Kentucky	1.74	2,984	284	276	284	260	246	240	236	227	220	212	229	270
Louisiana	1.73	2,998	271	262	281	272	268	240	234	226	215	228	230	271
Maine	0.56	2,257	211	197	216	212	194	167	174	164	153	176	185	208
Maryland	2.28	2,830	274	253	265	243	240	230	228	211	190	203	227	267
Massachusetts	2.71	2,026	203	184	190	183	170	146	146	143	136	154	171	201
Michigan	3.92	2,595	214	220	242	256	212	177	213	207	171	173	255	253
Minnesota	2.23	3,021	285	264	288	285	251	229	229	218	214	238	244	279
Mississippi	1.08	2,720	248	236	241	227	232	228	222	218	206	201	208	253
Missouri	2.43	2,899	278	267	288	249	237	221	217	218	206	213	237	268
Montana	0.43	2,943	280	264	280	263	249	209	212	209	213	234	253	277
Nebraska	0.77	2,419	234	223	234	227	214	183	167	169	173	183	194	217
Nevada	1.14	2,224	215	208	223	207	199	169	159	151	149	165	168	211
New Hampshire	0.54	2,323	222	198	216	208	192	168	168	157	142	201	218	234
New Jersey	3.39	2,192	207	189	208	195	183	171	167	162	155	162	184	208
New Mexico	0.79	2,238	211	203	206	215	191	165	154	150	157	181	187	218
New York	7.52	2,116	195	181	200	184	182	161	171	160	150	160	174	198
North Carolina	4.01	2,895	273	262	274	254	252	240	232	219	202	207	218	261
North Dakota	0.32	3,153	305	284	301	287	272	229	235	230	223	236	258	292
Ohio	4.74	2,849	277	263	280	250	234	218	220	211	202	207	222	266
Oklahoma	1.49	2,870	277	277	284	263	247	224	218	204	195	205	219	258
Oregon	1.65	3,656	346	318	337	323	317	285	284	266	256	276	301	349
Pennsylvania	5.13	3,034	296	275	290	269	256	231	231	219	209	229	246	283
Rhode Island	0.42	2,002	177	165	185	178	159	150	162	148	132	154	177	215
South Carolina	1.97	2,918	281	265	275	256	249	231	224	211	202	218	232	276
South Dakota	0.35	3,026	291	272	295	284	248	238	231	218	200	212	256	280
Tennessee	2.66	3,111	288	279	288	262	264	254	250	238	224	232	247	284
Texas	10.26	2,655	246	237	243	235	235	217	211	196	190	201	206	239
Utah	1.04	2,585	229	204	213	204	210	213	247	222	174	185	212	273
Vermont	0.26	2,632	252	228	244	239	225	196	195	175	182	210	226	260
Virginia	3.24	3,156	307	289	295	273	272	259	257	237	217	224	238	288

Data release date: May 2025

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	Total U.S. ^a	Annual	January	February	March	April	May	June	July	August	September	October	November	December
All homes	123.53	2,706	255	240	254	239	233	215	212	202	191	201	215	250
Washington	2.94	3,261	324	294	308	283	279	255	243	227	225	246	269	308
West Virginia	0.70	3,448	347	329	329	298	291	277	282	261	235	245	256	298
Wisconsin	2.39	2,464	236	219	233	218	198	188	194	190	173	186	197	233
Wyoming	0.23	2,921	289	269	276	255	241	215	214	205	193	219	251	296

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.

kWh = kilowatthours

^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.

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Relative standard errors (RSEs) for Table CE8.8.M.2020 Monthly household site electricity water heating consumption in the United States—averages, 2020

	RSEs for number of housing units	RSEs for average site electricity water heating consumption												
	Total U.S. ^a	Annual	January	February	March	April	May	June	July	August	September	October	November	December
All homes	0.00	0.94	1.00	1.04	1.03	0.97	0.97	0.95	1.01	0.98	0.95	0.95	0.98	1.03
Census region and division														
Northeast	0.00	2.24	2.85	2.74	2.51	2.45	2.47	2.24	2.08	2.00	2.22	2.35	2.37	2.54
New England	0.00	3.59	4.02	3.93	3.77	3.73	3.60	3.58	3.68	3.55	3.64	4.40	4.11	4.06
Middle Atlantic	0.00	3.09	3.75	3.67	3.49	3.43	3.37	2.98	2.83	2.78	3.11	3.02	3.12	3.48
Midwest	0.00	2.59	2.74	2.84	2.80	2.77	2.72	2.74	2.88	2.58	2.83	2.71	2.73	2.74
East North Central	0.00	3.40	3.71	3.80	3.60	3.65	3.59	3.54	3.70	3.50	3.63	3.52	3.66	3.60
West North Central	0.00	3.26	3.41	3.48	3.91	3.75	3.57	3.47	3.66	3.29	3.53	3.30	3.35	3.69
South	0.00	1.37	1.52	1.53	1.41	1.36	1.35	1.38	1.43	1.43	1.35	1.33	1.42	1.53
South Atlantic	0.00	1.67	1.84	1.84	1.70	1.66	1.68	1.76	1.83	1.78	1.58	1.56	1.75	1.83
East South Central	0.00	2.25	2.32	2.36	2.25	2.28	2.29	2.26	2.32	2.43	2.39	2.32	2.42	2.70
West South Central	0.00	2.41	2.66	2.61	2.55	2.45	2.49	2.42	2.52	2.52	2.55	2.45	2.42	2.61
West	0.00	1.87	2.11	2.05	2.08	1.99	1.89	1.99	2.13	2.02	2.07	1.90	1.91	2.12
Mountain	0.00	2.89	3.10	3.21	3.11	2.93	2.91	3.01	3.12	3.17	2.96	2.86	3.13	3.45
Mountain North	0.00	4.40	4.74	4.90	4.86	4.55	4.59	4.81	5.04	4.87	4.44	4.38	5.00	5.05
Mountain South	0.00	4.16	4.43	4.18	4.30	4.50	4.41	4.45	4.42	4.61	4.42	4.18	4.17	4.59
Pacific	0.00	2.57	2.93	2.75	2.82	2.62	2.56	2.70	3.04	2.85	2.91	2.61	2.64	2.84
States														
Alabama	0.00	5.53	5.62	5.95	5.51	5.61	5.75	5.46	5.52	5.58	5.54	5.72	5.75	6.26
Alaska	0.00	10.13	12.34	12.08	11.64	11.92	11.10	10.58	10.37	9.50	9.37	9.91	10.42	9.07
Arizona	0.00	5.17	5.43	5.11	5.31	5.51	5.44	5.44	5.39	5.56	5.38	5.31	5.16	5.70
Arkansas	0.00	6.70	7.45	7.44	6.84	6.82	6.47	6.59	7.09	7.16	7.19	6.99	7.13	7.68
California	0.00	5.30	6.47	6.31	6.03	5.41	4.96	5.25	5.37	5.41	5.39	5.16	5.55	5.97
Colorado	0.00	10.80	12.13	11.90	11.50	11.71	11.33	10.56	10.31	10.16	10.34	10.96	12.28	12.66
Connecticut	0.00	11.56	12.17	11.98	11.49	10.97	11.45	11.53	11.58	11.91	12.09	11.98	11.90	11.79
Delaware	0.00	6.75	7.72	7.10	7.50	6.72	6.42	7.52	7.23	7.21	7.58	6.73	6.40	6.74
District of Columbia	0.00	6.81	7.52	7.84	6.51	6.80	7.80	7.55	8.07	7.55	6.19	6.13	6.65	7.30
Florida	0.00	2.90	3.03	3.13	3.12	3.20	3.02	3.02	3.04	3.04	2.90	2.80	3.05	3.03
Georgia	0.00	5.53	5.80	5.80	5.75	5.78	5.57	5.70	5.40	5.30	5.26	5.51	5.84	5.89
Hawaii	0.00	5.55	5.79	5.57	5.37	5.61	6.10	5.99	5.80	5.98	6.15	6.07	5.92	5.96
Idaho	0.00	7.94	8.53	8.40	8.52	8.33	8.30	7.86	7.17	7.15	7.16	7.44	9.98	9.36
Illinois	0.00	6.69	8.71	8.30	7.85	7.41	7.51	6.67	6.31	6.00	6.41	6.28	6.86	7.85
Indiana	0.00	5.72	6.73	5.97	5.95	6.16	6.05	6.46	6.87	6.40	6.42	5.82	5.12	5.29

Relative standard errors (RSEs) for Table CE8.8.M.2020 Monthly household site electricity water heating consumption in the United States—averages, 2020

	RSEs for number of housing units	RSEs for average site electricity water heating consumption												
	Total U.S. ^a	Annual	January	February	March	April	May	June	July	August	September	October	November	December
All homes	0.00	0.94	1.00	1.04	1.03	0.97	0.97	0.95	1.01	0.98	0.95	0.95	0.98	1.03
Iowa	0.00	8.95	9.49	9.38	9.18	8.99	8.91	9.36	9.59	9.41	8.95	10.10	8.36	8.87
Kansas	0.00	9.62	10.90	10.62	10.85	11.89	11.54	10.69	12.95	14.79	13.37	10.42	7.67	9.50
Kentucky	0.00	3.90	4.37	4.69	3.92	4.01	3.95	3.82	3.66	3.58	3.54	3.73	4.14	5.94
Louisiana	0.00	5.18	5.88	5.64	5.60	5.48	5.40	5.32	5.36	5.33	5.29	5.06	5.03	5.28
Maine	0.00	8.32	8.86	9.59	8.64	8.75	9.16	9.15	8.43	7.95	8.60	9.09	8.53	8.79
Maryland	0.00	4.53	5.46	5.51	4.89	4.71	4.69	4.72	4.66	4.56	4.31	4.04	4.77	5.00
Massachusetts	0.00	5.57	6.33	6.01	6.00	6.21	5.72	5.74	5.33	5.33	5.53	5.74	6.66	6.59
Michigan	0.00	9.70	10.70	10.90	10.53	11.35	10.67	10.28	9.89	9.48	9.65	10.51	11.98	11.57
Minnesota	0.00	6.80	7.38	7.33	7.34	8.14	7.18	6.66	6.04	6.54	7.24	8.67	7.59	7.35
Mississippi	0.00	5.83	6.03	6.21	6.66	7.08	6.77	6.92	6.75	7.36	6.69	5.57	5.61	5.84
Missouri	0.00	6.87	7.29	7.45	8.50	8.03	7.06	6.89	6.67	6.28	6.53	6.36	7.35	7.92
Montana	0.00	12.52	14.02	14.30	15.30	14.03	12.89	14.24	11.97	10.53	10.46	12.38	12.70	11.73
Nebraska	0.00	8.81	8.84	8.88	9.20	9.74	9.24	9.05	10.07	9.20	9.28	8.98	8.86	8.78
Nevada	0.00	11.04	10.55	11.19	11.72	12.29	12.95	12.83	11.51	11.82	11.09	10.73	11.32	11.55
New Hampshire	0.00	7.87	6.80	6.68	7.53	8.82	8.57	8.83	9.28	8.85	8.51	19.81	14.36	7.38
New Jersey	0.00	7.24	8.19	8.24	7.73	7.48	7.09	7.19	7.52	7.81	10.34	6.95	7.37	7.53
New Mexico	0.00	12.24	15.41	16.46	12.91	15.27	11.25	11.83	11.34	11.52	13.17	13.74	13.12	13.25
New York	0.00	5.77	6.91	6.80	6.64	6.69	6.60	6.13	5.17	5.47	5.08	5.39	5.62	6.06
North Carolina	0.00	3.23	3.53	3.63	3.27	3.23	3.34	3.70	3.88	3.65	3.13	3.02	3.01	3.43
North Dakota	0.00	6.54	6.80	6.70	6.79	6.96	7.07	6.28	6.45	6.63	7.11	7.25	6.99	6.81
Ohio	0.00	7.32	8.41	8.64	8.11	7.76	7.31	7.32	7.33	7.01	6.84	7.18	7.51	7.61
Oklahoma	0.00	9.76	11.62	11.26	11.18	10.23	9.90	9.11	8.91	9.13	9.22	9.61	8.98	10.86
Oregon	0.00	5.16	5.32	5.32	5.46	5.43	5.31	5.60	5.94	5.92	5.65	5.51	5.32	5.29
Pennsylvania	0.00	4.76	5.70	5.74	5.36	4.98	4.74	4.54	4.76	4.77	4.65	4.35	4.48	5.16
Rhode Island	0.00	11.39	13.86	13.57	12.87	12.86	12.26	12.13	12.16	10.05	11.45	11.93	11.92	13.06
South Carolina	0.00	4.35	4.58	4.47	4.33	4.28	4.33	4.60	4.69	4.63	4.55	4.62	4.57	4.81
South Dakota	0.00	9.42	11.14	10.90	10.33	9.48	10.45	10.21	9.95	8.83	9.69	8.78	11.85	10.63
Tennessee	0.00	3.22	3.29	3.35	3.38	3.35	3.41	3.30	3.49	3.65	3.20	3.30	3.64	3.54
Texas	0.00	2.90	3.07	3.00	2.96	2.96	3.17	3.14	3.17	3.16	3.17	2.98	2.96	2.98
Utah	0.00	20.71	21.05	22.18	22.05	22.17	21.92	21.96	24.69	24.72	23.27	20.54	18.87	16.81

Data release date: May 2025

Relative standard errors (RSEs) for Table CE8.8.M.2020 Monthly household site electricity water heating consumption in the United States—averages, 2020

	RSEs for number of housing units	RSEs for average site electricity water heating consumption												
	Total U.S. ^a	Annual	January	February	March	April	May	June	July	August	September	October	November	December
All homes	0.00	0.94	1.00	1.04	1.03	0.97	0.97	0.95	1.01	0.98	0.95	0.95	0.98	1.03
Vermont	0.00	7.17	9.26	8.72	7.57	6.74	7.85	6.82	6.67	7.92	7.62	7.53	8.22	8.61
Virginia	0.00	4.29	4.47	4.41	4.14	4.21	4.33	4.79	5.21	5.09	4.28	4.09	4.10	4.49
Washington	0.00	4.19	4.51	4.38	4.30	4.41	4.59	4.87	5.14	4.76	4.92	4.33	4.43	4.44
West Virginia	0.00	6.12	7.91	8.00	6.66	6.57	6.33	6.06	6.14	6.10	5.84	5.72	5.61	5.90
Wisconsin	0.00	7.58	8.88	8.88	8.47	7.21	7.93	8.37	7.83	7.23	7.87	6.86	6.76	7.91
Wyoming	0.00	14.61	16.76	16.40	14.83	14.77	14.16	14.49	15.09	15.06	13.96	13.99	15.31	15.78

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 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.