

Data release date: May 2025

**Table CE8.5.M.2020 Monthly household site electricity consumption in the United States—averages, 2020**

	Number of housing units (million)	Average site electricity consumption <sup>a</sup> (million Btu per household using the fuel)												
	Total U.S. <sup>b</sup>	Annual	January	February	March	April	May	June	July	August	September	October	November	December
<b>All homes</b>	123.53	36.1	3.0	2.8	2.6	2.4	2.7	3.3	4.1	3.9	3.0	2.5	2.5	3.3
<b>Census region and division</b>														
Northeast	21.92	27.3	2.4	2.1	2.0	1.9	2.0	2.4	3.3	2.9	2.1	1.8	2.0	2.5
New England	5.88	24.9	2.2	2.0	1.9	1.8	1.8	2.2	2.9	2.6	1.9	1.7	1.8	2.3
Middle Atlantic	16.04	28.2	2.4	2.2	2.1	1.9	2.0	2.5	3.4	3.1	2.2	1.8	2.0	2.6
Midwest	27.04	33.3	3.0	2.8	2.5	2.3	2.3	3.0	3.9	3.4	2.4	2.2	2.4	3.1
East North Central	18.55	31.9	2.8	2.6	2.4	2.2	2.3	2.8	3.8	3.3	2.3	2.1	2.3	2.9
West North Central	8.50	36.5	3.5	3.1	2.7	2.4	2.4	3.5	4.1	3.6	2.6	2.5	2.7	3.4
South	46.84	45.6	3.8	3.5	3.2	3.0	3.5	4.3	5.2	5.0	3.9	3.2	3.0	4.2
South Atlantic	24.84	44.7	3.7	3.4	3.2	3.1	3.4	4.1	5.0	4.7	3.7	3.2	3.0	4.2
East South Central	7.38	47.4	4.3	4.0	3.3	3.0	3.4	4.2	5.3	4.9	3.9	3.0	3.2	4.9
West South Central	14.62	46.4	3.5	3.4	3.0	3.0	3.7	4.7	5.6	5.4	4.1	3.4	2.9	3.9
West	27.72	29.4	2.4	2.1	2.1	2.0	2.3	2.5	3.0	3.2	2.6	2.3	2.2	2.5
Mountain	9.22	35.8	2.7	2.4	2.3	2.3	2.9	3.4	4.3	4.4	3.3	2.6	2.4	2.9
Mountain North	4.62	30.5	2.7	2.5	2.3	2.1	2.2	2.5	3.1	3.3	2.4	2.2	2.4	2.9
Mountain South	4.60	41.2	2.7	2.4	2.2	2.5	3.6	4.3	5.4	5.6	4.2	3.1	2.4	2.8
Pacific	18.51	26.2	2.2	2.0	2.1	1.9	2.0	2.1	2.4	2.7	2.3	2.1	2.1	2.4
<b>States</b>														
Alabama	1.90	47.1	4.2	3.8	3.2	2.9	3.4	4.2	5.2	5.1	3.9	3.1	3.1	4.9
Alaska	0.26	25.4	2.8	2.3	2.3	2.0	1.8	1.7	1.8	1.8	1.8	2.1	2.5	2.5
Arizona	2.68	46.4	2.9	2.6	2.4	2.7	4.1	4.9	6.2	6.4	4.9	3.6	2.7	3.0
Arkansas	1.14	45.7	4.3	4.0	3.1	2.7	3.1	4.2	5.4	4.7	3.6	2.9	3.0	4.5
California	13.18	22.1	1.6	1.4	1.5	1.5	1.7	1.9	2.3	2.6	2.2	1.9	1.6	1.7
Colorado	2.26	27.8	2.3	2.2	2.1	1.9	2.0	2.5	2.9	3.0	2.2	2.0	2.1	2.5
Connecticut	1.38	26.6	2.4	2.2	2.1	1.9	1.8	2.3	3.1	2.8	2.0	1.7	1.9	2.5
Delaware	0.38	38.0	3.6	3.2	2.8	2.6	2.6	3.3	4.4	4.0	2.9	2.3	2.6	3.6
District of Columbia	0.32	24.0	2.1	1.8	1.7	1.5	1.7	2.3	3.0	2.7	1.9	1.6	1.6	2.2
Florida	8.06	47.7	3.2	3.0	3.4	3.8	4.0	4.6	5.1	5.1	4.5	4.1	3.2	3.7
Georgia	3.88	45.3	3.8	3.4	3.1	2.7	3.4	4.2	5.3	5.0	3.9	3.0	3.0	4.4
Hawaii	0.47	27.2	2.1	1.9	2.0	2.0	2.3	2.3	2.5	2.6	2.5	2.5	2.3	2.3
Idaho	0.66	37.8	3.7	3.4	3.0	2.7	2.6	2.8	3.5	3.6	2.7	2.7	3.2	3.9
Illinois	4.90	28.8	2.5	2.3	2.1	1.9	2.1	2.8	3.7	3.2	2.1	1.8	1.9	2.5
Indiana	2.60	39.7	3.8	3.6	3.1	2.7	2.8	3.5	4.4	3.8	2.9	2.5	2.7	3.8
Iowa	1.28	35.0	3.4	3.0	2.7	2.4	2.3	3.3	4.0	3.4	2.4	2.4	2.5	3.2

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	Number of housing units (million)	Average site electricity consumption <sup>a</sup> (million Btu per household using the fuel)												
	Total U.S. <sup>b</sup>	Annual	January	February	March	April	May	June	July	August	September	October	November	December
<b>All homes</b>	123.53	36.1	3.0	2.8	2.6	2.4	2.7	3.3	4.1	3.9	3.0	2.5	2.5	3.3
Kansas	1.13	36.9	3.1	2.8	2.3	2.2	2.5	4.2	4.8	4.2	2.9	2.5	2.4	3.1
Kentucky	1.74	45.5	4.3	4.2	3.6	3.0	3.1	3.7	4.8	4.5	3.7	2.9	3.1	4.5
Louisiana	1.73	50.4	3.8	3.6	3.4	3.3	4.1	5.0	5.8	5.7	4.6	3.6	3.1	4.3
Maine	0.56	24.0	2.2	2.0	2.0	1.8	1.8	1.9	2.3	2.2	1.7	1.8	2.0	2.3
Maryland	2.28	39.3	3.8	3.4	3.0	2.6	2.7	3.4	4.5	4.0	2.8	2.4	2.8	4.1
Massachusetts	2.71	24.7	2.1	1.9	1.8	1.7	1.7	2.2	2.9	2.7	1.9	1.6	1.8	2.2
Michigan	3.92	28.6	2.2	2.2	2.2	2.2	2.2	2.5	3.5	3.2	2.0	1.8	2.3	2.5
Minnesota	2.23	31.8	3.0	2.7	2.5	2.3	2.2	2.8	3.4	3.0	2.1	2.4	2.5	3.1
Mississippi	1.08	48.0	4.1	3.7	3.1	2.8	3.5	4.6	5.6	5.4	4.3	3.1	3.1	4.6
Missouri	2.43	40.9	3.9	3.5	2.9	2.5	2.7	3.9	4.8	4.0	3.0	2.7	2.9	3.9
Montana	0.43	31.8	3.3	3.0	2.9	2.4	2.1	2.1	2.4	2.6	2.1	2.6	2.9	3.3
Nebraska	0.77	36.5	3.5	3.0	2.7	2.5	2.4	3.6	4.0	3.7	2.6	2.6	2.6	3.5
Nevada	1.14	37.9	2.4	2.2	2.2	2.3	3.2	3.9	5.1	5.2	3.8	2.7	2.2	2.7
New Hampshire	0.54	24.8	2.2	2.0	2.0	1.8	1.9	2.1	2.7	2.4	1.8	1.7	1.9	2.3
New Jersey	3.39	28.3	2.1	1.9	1.8	1.7	1.9	2.8	4.0	3.6	2.4	1.7	1.8	2.3
New Mexico	0.79	28.1	2.3	2.1	1.8	1.8	2.2	2.8	3.3	3.2	2.3	2.0	1.9	2.4
New York	7.52	23.6	2.0	1.8	1.8	1.6	1.8	2.0	2.8	2.5	1.9	1.6	1.7	2.1
North Carolina	4.01	42.6	4.0	3.6	3.1	2.6	3.0	3.7	4.9	4.5	3.3	2.6	2.9	4.5
North Dakota	0.32	40.4	4.8	4.1	3.6	3.1	2.6	2.8	3.3	3.2	2.3	3.0	3.4	4.2
Ohio	4.74	35.1	3.3	3.0	2.7	2.4	2.4	2.9	4.0	3.5	2.7	2.3	2.5	3.3
Oklahoma	1.49	46.3	3.9	3.8	3.0	2.9	3.2	4.7	5.8	5.2	3.7	3.1	2.9	4.1
Oregon	1.65	38.0	3.7	3.5	3.5	2.8	2.7	2.6	3.1	3.0	2.7	2.8	3.5	4.1
Pennsylvania	5.13	35.0	3.3	2.9	2.7	2.4	2.5	2.9	3.9	3.5	2.6	2.3	2.6	3.5
Rhode Island	0.42	23.6	1.8	1.6	1.7	1.6	1.6	2.1	3.1	2.8	1.9	1.6	1.7	2.1
South Carolina	1.97	46.1	4.1	3.7	3.2	2.8	3.3	4.1	5.3	5.1	3.8	3.0	3.1	4.5
South Dakota	0.35	36.8	3.7	3.3	3.0	2.7	2.4	3.1	3.6	3.5	2.5	2.5	2.9	3.6
Tennessee	2.66	48.5	4.5	4.2	3.4	3.0	3.5	4.3	5.4	4.9	3.7	3.0	3.4	5.2
Texas	10.26	45.9	3.3	3.2	2.9	3.0	3.8	4.7	5.5	5.5	4.1	3.4	2.8	3.7
Utah	1.04	31.1	2.4	2.2	2.0	1.9	2.3	2.7	3.8	4.0	2.6	2.1	2.3	2.7
Vermont	0.26	23.0	2.0	1.8	1.8	1.7	1.8	1.9	2.3	2.0	1.7	1.7	1.8	2.2
Virginia	3.24	44.1	4.2	3.8	3.2	2.8	3.1	3.8	5.1	4.6	3.3	2.7	3.0	4.5

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	Number of housing units (million)	Average site electricity consumption <sup>a</sup> (million Btu per household using the fuel)												
	Total U.S. <sup>b</sup>	Annual	January	February	March	April	May	June	July	August	September	October	November	December
<b>All homes</b>	123.53	36.1	3.0	2.8	2.6	2.4	2.7	3.3	4.1	3.9	3.0	2.5	2.5	3.3
Washington	2.94	37.5	4.1	3.8	3.7	2.8	2.4	2.3	2.6	2.6	2.3	2.8	3.7	4.3
West Virginia	0.70	45.9	5.0	4.6	3.7	3.3	3.2	3.4	4.5	3.9	2.9	2.8	3.4	5.2
Wisconsin	2.39	28.8	2.6	2.3	2.2	2.1	2.1	2.5	3.3	2.9	2.0	2.1	2.1	2.6
Wyoming	0.23	31.3	3.2	3.1	2.7	2.4	2.1	2.1	2.5	2.7	2.2	2.4	2.7	3.3

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

<sup>a</sup> Consumption and expenditures for biomass (wood), coal, district steam, and solar thermal are excluded. Electricity consumption from on-site solar photovoltaic generation (that is, solar panels) is included.

<sup>b</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.

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	Number of housing units (million)	Average site electricity consumption <sup>a</sup> (kWh per household using the fuel)												
	Total U.S. <sup>b</sup>	Annual	January	February	March	April	May	June	July	August	September	October	November	December
<b>All homes</b>	123.53	10,566	890	817	758	714	786	960	1,200	1,137	868	742	736	959
<b>Census region and division</b>														
Northeast	21.92	8,016	692	623	596	546	573	700	961	861	629	527	576	733
New England	5.88	7,308	638	579	560	521	518	637	846	758	552	487	540	673
Middle Atlantic	16.04	8,275	712	639	609	555	593	723	1,004	898	657	541	589	755
Midwest	27.04	9,773	884	816	738	670	683	889	1,142	994	705	646	705	902
East North Central	18.55	9,345	823	774	713	653	669	832	1,108	967	680	603	671	852
West North Central	8.50	10,705	1,017	907	793	707	711	1,012	1,215	1,053	758	742	781	1,011
South	46.84	13,376	1,100	1,021	925	891	1,020	1,254	1,527	1,459	1,134	939	882	1,225
South Atlantic	24.84	13,089	1,092	991	943	901	992	1,195	1,460	1,390	1,091	926	890	1,217
East South Central	7.38	13,882	1,268	1,176	981	866	991	1,228	1,539	1,443	1,134	881	947	1,427
West South Central	14.62	13,609	1,028	991	867	886	1,081	1,368	1,636	1,583	1,207	990	836	1,136
West	27.72	8,608	696	627	623	590	662	738	893	950	767	673	647	743
Mountain	9.22	10,500	783	714	666	672	840	1,001	1,256	1,292	953	775	711	838
Mountain North	4.62	8,942	786	730	677	618	632	740	920	956	690	643	707	843
Mountain South	4.60	12,064	780	697	654	726	1,049	1,262	1,593	1,629	1,217	908	715	834
Pacific	18.51	7,665	653	583	602	549	573	607	713	780	674	622	615	695
<b>States</b>														
Alabama	1.90	13,810	1,225	1,106	944	851	1,010	1,245	1,512	1,484	1,153	916	920	1,444
Alaska	0.26	7,452	816	676	684	597	530	499	520	527	529	614	718	744
Arizona	2.68	13,603	843	751	695	805	1,213	1,444	1,818	1,875	1,427	1,055	787	890
Arkansas	1.14	13,395	1,265	1,167	918	804	906	1,235	1,569	1,388	1,063	864	888	1,328
California	13.18	6,482	474	413	439	452	512	569	683	777	658	549	454	503
Colorado	2.26	8,144	686	651	605	566	584	724	857	878	654	585	617	738
Connecticut	1.38	7,794	706	632	602	555	533	672	920	806	575	488	565	740
Delaware	0.38	11,135	1,063	927	834	750	751	967	1,300	1,186	855	685	758	1,058
District of Columbia	0.32	7,020	602	537	486	446	486	663	890	792	546	457	471	644
Florida	8.06	13,990	944	884	1,011	1,117	1,181	1,360	1,482	1,485	1,306	1,197	948	1,075
Georgia	3.88	13,270	1,104	1,006	894	798	1,005	1,238	1,543	1,476	1,133	894	886	1,293
Hawaii	0.47	7,976	605	548	581	589	670	674	731	757	734	737	682	667
Idaho	0.66	11,086	1,079	988	887	780	772	832	1,024	1,050	784	788	952	1,150
Illinois	4.90	8,451	725	666	610	549	602	833	1,090	927	606	534	570	741
Indiana	2.60	11,638	1,116	1,059	917	796	814	1,029	1,292	1,120	857	736	801	1,101
Iowa	1.28	10,262	1,006	893	781	700	675	962	1,181	995	691	693	734	951

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	Total U.S. <sup>b</sup>	Annual	January	February	March	April	May	June	July	August	September	October	November	December
<b>All homes</b>	123.53	10,566	890	817	758	714	786	960	1,200	1,137	868	742	736	959
Kansas	1.13	10,829	899	807	683	641	728	1,238	1,415	1,227	861	730	690	910
Kentucky	1.74	13,330	1,270	1,225	1,050	893	907	1,094	1,415	1,321	1,092	838	915	1,311
Louisiana	1.73	14,779	1,120	1,052	999	975	1,203	1,469	1,702	1,679	1,360	1,050	898	1,272
Maine	0.56	7,048	657	599	590	539	520	550	683	634	504	520	574	676
Maryland	2.28	11,526	1,122	987	870	774	782	984	1,313	1,177	821	690	807	1,198
Massachusetts	2.71	7,237	618	563	541	506	509	649	862	780	559	479	523	649
Michigan	3.92	8,370	634	642	636	652	636	723	1,025	924	579	515	676	729
Minnesota	2.23	9,331	875	787	735	661	638	810	985	876	626	698	743	898
Mississippi	1.08	14,062	1,203	1,074	903	811	1,029	1,343	1,652	1,597	1,270	916	903	1,361
Missouri	2.43	11,983	1,151	1,028	857	736	790	1,144	1,420	1,181	879	792	849	1,157
Montana	0.43	9,308	957	888	859	718	610	605	714	776	606	750	863	963
Nebraska	0.77	10,712	1,022	892	783	731	697	1,048	1,164	1,072	762	751	770	1,019
Nevada	1.14	11,094	708	635	637	682	940	1,143	1,494	1,519	1,104	788	657	786
New Hampshire	0.54	7,273	653	598	585	530	544	624	780	691	527	504	567	670
New Jersey	3.39	8,305	624	558	542	509	566	831	1,177	1,056	716	512	539	675
New Mexico	0.79	8,234	668	605	539	519	653	813	974	949	668	580	552	714
New York	7.52	6,916	577	525	519	469	519	592	835	740	566	472	497	605
North Carolina	4.01	12,498	1,160	1,044	909	775	873	1,097	1,432	1,326	965	760	851	1,305
North Dakota	0.32	11,841	1,394	1,197	1,069	913	750	824	975	939	670	888	994	1,226
Ohio	4.74	10,278	956	887	801	702	716	861	1,170	1,022	792	672	724	977
Oklahoma	1.49	13,579	1,140	1,121	891	848	946	1,372	1,691	1,515	1,077	910	864	1,203
Oregon	1.65	11,132	1,088	1,021	1,014	816	784	768	901	891	788	823	1,031	1,207
Pennsylvania	5.13	10,248	968	859	784	713	720	844	1,136	1,026	752	662	756	1,028
Rhode Island	0.42	6,913	530	478	487	472	477	630	898	812	551	469	493	617
South Carolina	1.97	13,526	1,195	1,076	952	827	981	1,202	1,553	1,491	1,121	884	915	1,328
South Dakota	0.35	10,779	1,074	972	886	800	708	914	1,050	1,013	738	740	839	1,043
Tennessee	2.66	14,220	1,323	1,236	994	881	1,017	1,255	1,594	1,431	1,093	871	1,005	1,518
Texas	10.26	13,440	970	943	836	886	1,100	1,365	1,624	1,598	1,216	1,005	815	1,082
Utah	1.04	9,116	711	635	600	567	659	801	1,113	1,180	759	624	666	800
Vermont	0.26	6,746	589	542	542	510	536	565	686	595	507	492	538	642
Virginia	3.24	12,937	1,245	1,105	945	828	897	1,119	1,492	1,352	968	787	875	1,325

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	Total U.S. <sup>b</sup>	Annual	January	February	March	April	May	June	July	August	September	October	November	December
<b>All homes</b>	123.53	10,566	890	817	758	714	786	960	1,200	1,137	868	742	736	959
Washington	2.94	10,990	1,207	1,100	1,097	821	713	687	755	757	684	818	1,081	1,270
West Virginia	0.70	13,462	1,465	1,335	1,092	958	949	993	1,331	1,156	855	806	1,007	1,516
Wisconsin	2.39	8,432	749	681	655	613	614	738	963	846	586	605	621	762
Wyoming	0.23	9,180	939	902	792	714	614	614	747	778	631	692	789	967

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

<sup>a</sup> Consumption and expenditures for biomass (wood), coal, district steam, and solar thermal are excluded. Electricity consumption from on-site solar photovoltaic generation (that is, solar panels) is included.

<sup>b</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.

Data release date: May 2025

**Relative standard errors (RSEs) for Table CE8.5.M.2020 Monthly household site electricity consumption in the United States—averages, 2020**

	RSEs for number of housing units	RSEs for average site electricity consumption <sup>a</sup>												
	Total U.S. <sup>b</sup>	Annual	January	February	March	April	May	June	July	August	September	October	November	December
<b>All homes</b>	0.00	0.38	0.56	0.56	0.46	0.45	0.45	0.44	0.42	0.43	0.44	0.45	0.46	0.56
<b>Census region and division</b>														
Northeast	0.00	1.14	1.73	1.73	1.61	1.32	1.22	1.21	1.13	1.17	1.11	1.19	1.47	1.72
New England	0.00	1.39	1.96	1.92	1.83	1.80	1.67	1.59	1.54	1.59	1.51	1.37	1.42	1.68
Middle Atlantic	0.00	1.49	2.26	2.27	2.07	1.78	1.62	1.54	1.46	1.52	1.47	1.60	1.94	2.24
Midwest	0.00	1.02	1.49	1.59	1.35	1.25	1.01	1.04	1.06	1.05	1.15	1.16	1.23	1.47
East North Central	0.00	1.34	1.85	2.00	1.69	1.63	1.34	1.40	1.36	1.38	1.53	1.57	1.63	1.92
West North Central	0.00	1.33	2.09	2.19	1.89	1.68	1.54	1.43	1.43	1.38	1.36	1.55	1.75	2.03
South	0.00	0.67	0.92	0.89	0.75	0.78	0.76	0.74	0.68	0.66	0.72	0.79	0.81	0.91
South Atlantic	0.00	0.96	1.12	1.10	1.06	1.16	1.11	1.14	1.07	1.04	1.10	1.16	1.05	1.12
East South Central	0.00	1.39	2.02	2.00	1.54	1.48	1.45	1.49	1.50	1.51	1.54	1.60	1.57	1.97
West South Central	0.00	1.21	1.74	1.78	1.51	1.42	1.45	1.31	1.21	1.20	1.30	1.33	1.42	1.59
West	0.00	0.80	1.00	1.00	1.03	0.96	0.92	0.94	0.91	0.90	0.89	0.90	1.00	1.01
Mountain	0.00	1.42	1.74	1.73	1.62	1.64	1.64	1.57	1.48	1.53	1.55	1.54	1.60	1.67
Mountain North	0.00	1.76	2.14	2.22	1.98	1.96	1.99	1.92	1.91	1.89	1.78	1.80	2.04	2.27
Mountain South	0.00	1.94	2.54	2.51	2.49	2.43	2.20	2.00	1.85	1.89	2.00	2.11	2.27	2.29
Pacific	0.00	1.16	1.42	1.41	1.47	1.30	1.22	1.30	1.46	1.39	1.32	1.28	1.44	1.48
<b>States</b>														
Alabama	0.00	3.68	4.89	4.83	4.06	4.38	4.05	3.89	3.77	3.64	3.71	3.91	4.10	4.71
Alaska	0.00	3.42	3.94	3.91	3.84	3.96	3.78	3.52	3.42	3.33	3.19	3.53	4.13	3.71
Arizona	0.00	2.70	3.60	3.59	3.57	3.41	2.89	2.58	2.35	2.41	2.60	2.97	3.35	3.38
Arkansas	0.00	4.18	4.73	4.88	4.53	4.60	4.52	4.79	4.73	4.73	4.56	4.42	4.48	4.58
California	0.00	1.47	1.88	1.77	1.71	1.57	1.56	1.68	1.81	1.72	1.58	1.47	1.70	1.91
Colorado	0.00	2.82	3.30	3.54	3.10	3.00	3.16	3.21	3.11	3.19	2.99	3.04	3.32	3.58
Connecticut	0.00	3.73	4.83	4.65	4.30	4.33	4.23	4.11	3.84	3.73	4.09	4.07	4.26	4.70
Delaware	0.00	4.33	6.95	6.71	5.81	5.26	4.07	4.21	4.04	4.10	4.20	4.25	4.79	6.15
District of Columbia	0.00	4.33	5.73	5.77	4.75	4.53	4.39	4.48	4.53	4.60	4.49	4.22	4.44	5.50
Florida	0.00	2.26	2.56	2.62	2.56	2.45	2.32	2.33	2.31	2.29	2.34	2.36	2.34	2.62
Georgia	0.00	2.95	3.63	3.70	3.30	3.24	3.25	3.20	3.01	3.04	3.01	3.09	3.13	3.37
Hawaii	0.00	4.13	4.17	4.17	4.17	4.31	4.45	4.32	4.25	4.33	4.40	4.25	4.17	4.04
Idaho	0.00	3.66	4.24	4.25	4.05	3.86	3.77	3.94	4.00	4.05	4.12	4.07	4.15	4.23
Illinois	0.00	2.79	4.10	4.30	3.88	3.63	2.97	2.82	2.63	2.50	2.62	2.77	3.05	3.72
Indiana	0.00	2.67	3.46	3.57	3.34	3.17	2.96	2.79	2.64	2.69	3.19	3.42	3.11	3.51
Iowa	0.00	3.51	5.54	5.74	5.08	4.34	3.47	2.95	2.85	2.93	2.99	3.71	4.14	4.81

Data release date: May 2025

**Relative standard errors (RSEs) for Table CE8.5.M.2020 Monthly household site electricity consumption in the United States—averages, 2020**

	RSEs for number of housing units	RSEs for average site electricity consumption <sup>a</sup>												
	Total U.S. <sup>b</sup>	Annual	January	February	March	April	May	June	July	August	September	October	November	December
<b>All homes</b>	0.00	0.38	0.56	0.56	0.46	0.45	0.45	0.44	0.42	0.43	0.44	0.45	0.46	0.56
Kansas	0.00	3.62	5.29	5.43	4.55	4.54	4.19	4.20	3.92	3.60	3.65	3.71	4.31	4.82
Kentucky	0.00	2.48	3.38	3.42	2.85	2.81	2.73	2.70	2.65	2.52	2.63	2.51	2.82	3.35
Louisiana	0.00	2.52	3.83	3.46	3.15	2.93	2.92	2.73	2.70	2.64	2.90	2.71	2.90	3.64
Maine	0.00	3.70	4.83	4.98	4.50	4.17	4.06	4.02	4.17	4.06	3.69	3.67	3.96	4.30
Maryland	0.00	3.51	4.93	4.84	4.25	4.08	3.73	3.22	3.05	3.00	3.16	3.41	3.87	4.65
Massachusetts	0.00	1.80	2.60	2.67	2.45	2.37	2.27	2.47	2.48	2.47	2.13	1.77	1.89	2.38
Michigan	0.00	3.19	4.27	4.43	3.90	3.88	3.50	3.57	3.40	3.43	3.43	3.33	3.60	3.68
Minnesota	0.00	3.72	5.63	5.57	4.66	4.23	3.29	3.11	2.90	3.31	3.64	4.52	4.67	5.13
Mississippi	0.00	4.00	5.38	5.39	4.57	4.50	4.05	3.96	4.04	4.04	4.24	4.83	5.15	5.81
Missouri	0.00	3.22	4.93	5.11	4.37	3.99	3.82	3.45	3.20	3.20	3.26	3.57	3.96	4.74
Montana	0.00	5.95	7.07	6.99	7.22	6.73	5.94	5.74	5.41	5.79	5.43	6.39	6.89	6.94
Nebraska	0.00	5.37	7.47	7.14	6.28	5.86	5.55	5.11	5.00	5.11	5.08	5.48	6.05	6.88
Nevada	0.00	4.13	4.84	5.00	4.70	4.45	4.45	4.44	4.44	4.33	4.47	4.51	4.79	4.96
New Hampshire	0.00	4.51	5.07	5.17	4.77	4.82	4.98	5.29	5.56	5.44	4.93	5.60	4.73	4.65
New Jersey	0.00	2.96	3.92	4.01	3.51	3.56	3.38	3.28	3.21	3.07	2.79	3.06	3.50	4.04
New Mexico	0.00	5.46	6.18	6.30	5.37	5.82	6.09	6.18	6.17	6.42	5.98	5.77	5.15	6.12
New York	0.00	2.11	3.56	3.38	3.36	2.34	2.53	2.42	2.36	2.47	2.53	2.39	2.39	2.73
North Carolina	0.00	2.13	2.48	2.54	2.23	2.40	2.27	2.39	2.34	2.32	2.29	2.48	2.44	2.70
North Dakota	0.00	3.67	4.38	4.42	4.47	4.31	4.12	3.97	3.93	4.09	4.05	3.99	4.12	4.09
Ohio	0.00	3.30	4.34	4.79	4.35	3.98	3.30	3.15	3.27	3.23	3.42	3.48	3.64	4.42
Oklahoma	0.00	3.98	5.69	6.10	5.25	5.14	4.62	3.73	3.72	3.94	4.09	4.73	4.64	5.54
Oregon	0.00	3.57	4.03	3.97	3.89	3.71	3.60	3.78	4.03	3.95	3.92	3.90	4.13	4.34
Pennsylvania	0.00	2.92	4.14	4.23	3.77	3.64	2.86	2.49	2.43	2.51	2.44	2.93	3.63	4.06
Rhode Island	0.00	4.60	5.87	5.77	5.44	5.42	4.55	4.82	5.03	5.18	4.75	4.42	4.81	5.95
South Carolina	0.00	2.95	3.36	3.32	3.20	3.23	3.24	3.41	3.35	3.25	3.31	3.52	3.51	3.43
South Dakota	0.00	4.61	6.66	6.43	5.66	5.22	4.86	5.03	4.74	4.46	4.42	4.63	5.27	5.80
Tennessee	0.00	3.07	3.27	3.34	3.22	3.33	3.37	3.51	3.46	3.53	3.79	3.49	3.29	3.32
Texas	0.00	1.52	2.20	2.25	1.85	1.79	1.79	1.65	1.49	1.49	1.64	1.74	1.80	2.01
Utah	0.00	4.25	5.35	5.52	4.92	5.19	5.24	4.43	4.21	4.22	4.60	4.39	5.18	5.42
Vermont	0.00	3.78	4.71	4.58	4.37	3.99	4.28	3.95	3.63	4.13	4.27	3.83	4.19	4.13
Virginia	0.00	2.39	2.97	3.05	2.67	2.71	2.42	2.86	2.93	2.78	2.66	2.57	2.58	2.91



Data release date: May 2025

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	RSEs for number of housing units	RSEs for average site electricity consumption <sup>a</sup>												
	Total U.S. <sup>b</sup>	Annual	January	February	March	April	May	June	July	August	September	October	November	December
<b>All homes</b>	0.00	0.38	0.56	0.56	0.46	0.45	0.45	0.44	0.42	0.43	0.44	0.45	0.46	0.56
Washington	0.00	2.91	3.10	3.23	3.82	3.85	3.38	3.43	3.39	3.22	2.98	2.95	3.16	2.99
West Virginia	0.00	4.55	5.97	5.73	5.05	5.27	4.72	4.70	4.46	4.46	4.41	4.57	5.12	6.02
Wisconsin	0.00	3.14	4.58	4.78	4.17	3.87	3.25	2.93	2.78	2.78	2.87	3.27	3.38	4.07
Wyoming	0.00	5.40	6.77	6.93	6.31	5.91	5.31	5.12	5.38	5.36	5.02	5.67	6.62	6.90

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.

<sup>a</sup> Consumption and expenditures for biomass (wood), coal, district steam, and solar thermal are excluded. Electricity consumption from on-site solar photovoltaic generation (that is, solar panels) is included.

<sup>b</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.