

Table CT4. Residential Sector Energy Consumption Estimates, Selected Years, 1960-2021, United States

Year	Coal ^a Million Short Tons	Natural Gas ^b Billion Cubic Feet	Petroleum				Biomass			Electricity ^g Billion Kilowatthours	End Use ^{e,h}	Electrical System Energy Losses ⁱ	Total ^{e,h}
			Distillate Fuel Oil	HGL ^c	Kerosene	Total	Wood ^d	Geothermal ^e	Solar ^{e,f}				
1960	24	3,103	269	79	62	411	--	--	--	201	--	--	--
1965	15	3,903	294	100	59	453	--	--	--	291	--	--	--
1970	9	4,837	322	143	53	518	--	--	--	466	--	--	--
1975	3	4,924	310	133	28	472	--	--	--	588	--	--	--
1980	1	4,752	226	81	19	326	--	--	--	717	--	--	--
1985	2	4,433	188	82	28	297	--	--	--	794	--	--	--
1990	1	4,391	168	92	11	271	--	--	--	924	--	--	--
1995	1	4,850	155	103	13	271	--	--	--	1,043	--	--	--
2000	(s)	4,996	155	145	17	317	--	--	--	1,192	--	--	--
2005	(s)	4,827	147	134	15	295	--	--	--	1,359	--	--	--
2006	(s)	4,368	122	116	12	250	--	--	--	1,352	--	--	--
2007	(s)	4,722	125	126	8	258	--	--	--	1,392	--	--	--
2008	0	4,892	130	144	4	278	--	--	--	1,381	--	--	--
2009	0	4,779	101	143	5	248	--	--	--	1,365	--	--	--
2010	0	4,782	97	138	5	240	--	--	--	1,446	--	--	--
2011	0	4,714	90	128	3	222	--	--	--	1,423	--	--	--
2012	0	4,150	84	103	1	188	--	--	--	1,375	--	--	--
2013	0	4,897	85	121	1	207	--	--	--	1,395	--	--	--
2014	0	5,087	92	127	2	222	--	--	--	1,407	--	--	--
2015	0	4,613	96	116	2	213	--	--	--	1,404	--	--	--
2016	0	4,347	75	112	2	190	--	--	--	1,411	--	--	--
2017	0	4,413	75	112	1	189	--	--	--	1,379	--	--	--
2018	0	4,998	88	132	1	221	--	--	--	1,469	--	--	--
2019	0	5,019	82	147	2	230	--	--	--	1,440	--	--	--
2020	0	4,674	71	129	2	202	--	--	--	1,465	--	--	--
2021	0	4,716	82	126	2	210	--	--	--	1,470	--	--	--

Trillion Btu

1960	578	3,212	1,568	305	354	2,228	627	NA	NA	687	7,332	1,701	9,033
1965	348	4,019	1,713	386	334	2,432	468	NA	NA	993	8,261	2,372	10,632
1970	207	4,953	1,878	549	298	2,726	401	NA	NA	1,591	9,877	3,851	13,729
1975	62	5,024	1,807	512	161	2,479	425	NA	NA	2,007	9,998	4,816	14,815
1980	31	4,855	1,316	312	107	1,734	846	NA	NA	2,448	9,846	5,886	15,732
1985	39	4,566	1,092	315	159	1,566	1,010	NA	NA	2,709	9,835	6,206	16,042
1990	31	4,519	978	353	64	1,395	582	6	55	3,153	9,694	7,236	16,931
1995	17	4,984	904	395	74	1,374	520	7	63	3,557	10,481	8,028	18,509
2000	11	5,104	904	556	95	1,554	420	9	58	4,069	11,191	9,194	20,385
2005	8	4,958	853	514	84	1,450	428	16	50	4,638	11,528	10,047	21,574
2006	6	4,483	709	446	66	1,222	380	18	53	4,611	10,752	9,879	20,632
2007	8	4,849	721	484	44	1,249	420	22	55	4,750	11,334	10,155	21,489
2008	0	5,018	750	553	21	1,325	470	26	58	4,711	11,589	10,046	21,635
2009	0	4,899	582	548	28	1,157	504	33	60	4,657	11,290	9,762	21,052
2010	0	4,887	561	530	29	1,120	541	37	65	4,933	11,564	10,296	21,860
2011	0	4,817	522	493	19	1,033	524	40	71	4,855	11,323	10,022	21,346
2012	0	4,253	482	396	8	885	438	40	79	4,690	10,369	9,460	19,829
2013	0	5,037	491	463	8	962	572	40	91	4,759	11,446	9,573	21,018
2014	0	5,258	532	490	14	1,035	579	40	109	4,801	11,805	R 9,613	21,418
2015	0	4,794	550	446	10	1,006	513	40	128	4,791	R 11,256	R 9,329	20,586
2016	0	4,525	434	430	14	877	445	40	R 161	4,815	10,848	R 9,309	R 20,157
2017	0	4,593	431	431	8	870	430	40	193	4,704	10,815	R 9,046	R 19,861
2018	0	5,202	506	507	8	1,021	525	40	221	5,013	12,001	R 9,485	R 21,490
2019	0	5,232	470	563	11	1,044	546	40	251	4,914	R 12,012	R 9,035	R 21,047
2020	0	4,876	407	495	11	913	R 440	40	286	4,997	11,538	R 8,990	R 20,528
2021	0	4,914	473	484	9	967	439	40	333	5,017	11,695	9,113	20,808

^a Beginning in 2008, data are no longer collected and are assumed to be zero.

^b Includes supplemental gaseous fuels that are commingled with natural gas.

^c Hydrocarbon gas liquids, assumed to be propane only.

^d Wood and wood-derived fuels.

^e There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

^f Solar thermal and photovoltaic energy. Includes solar thermal energy consumed as heat by the commercial and industrial sectors.

^g Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.

^h Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in End Use and Total.

ⁱ Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

-- = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Value less than 0.5.

Notes: Totals may not equal sum of components due to independent rounding. The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.

Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. <http://www.eia.gov/state/seds/>