

**Table CT4. Residential sector energy consumption estimates, selected years, 1960-2022, California**

Year	Coal <sup>a</sup> Thousand short tons	Natural gas <sup>b</sup> Billion cubic feet	Petroleum				Biomass Wood <sup>d</sup>	Geothermal <sup>e</sup>	Solar <sup>e,f</sup>	Electricity <sup>g</sup> Million kilowatthours	End use <sup>e,h</sup>	Electrical system energy losses <sup>i</sup>	Total <sup>e,h</sup>
			Distillate fuel oil	HGL <sup>c</sup>	Kerosene	Total							
1960	4	365	485	3,302	15	3,802	--	--	14,975	--	--	--	
1965	6	489	427	4,454	31	4,911	--	--	23,800	--	--	--	
1970	61	553	500	4,517	166	5,182	--	--	35,777	--	--	--	
1975	0	631	493	2,367	211	3,071	--	--	44,257	--	--	--	
1980	1	529	94	4,300	18	4,413	--	--	52,011	--	--	--	
1985	12	527	144	4,677	73	4,893	--	--	57,501	--	--	--	
1990	5	515	202	5,026	88	5,316	--	--	66,575	--	--	--	
1995	17	477	175	4,269	81	4,525	--	--	68,783	--	--	--	
2000	3	517	241	4,657	281	5,179	--	--	79,241	--	--	--	
2005	2	484	156	7,365	304	7,824	--	--	85,610	--	--	--	
2006	(s)	492	153	6,430	287	6,870	--	--	89,836	--	--	--	
2007	0	492	96	6,819	152	7,067	--	--	89,158	--	--	--	
2008	0	489	145	8,372	81	8,598	--	--	91,231	--	--	--	
2009	0	481	389	7,859	172	8,419	--	--	89,799	--	--	--	
2010	0	495	162	8,260	144	8,565	--	--	87,257	--	--	--	
2011	0	513	109	7,828	110	8,047	--	--	88,398	--	--	--	
2012	0	478	64	5,917	47	6,029	--	--	90,110	--	--	--	
2013	0	482	96	5,942	45	6,082	--	--	89,242	--	--	--	
2014	0	397	94	4,896	59	5,049	--	--	89,361	--	--	--	
2015	0	401	77	5,500	44	5,620	--	--	89,386	--	--	--	
2016	0	412	76	5,990	83	6,149	--	--	88,311	--	--	--	
2017	0	431	71	5,753	51	5,875	--	--	90,124	--	--	--	
2018	0	424	81	6,269	51	6,400	--	--	89,100	--	--	--	
2019	0	465	83	6,755	74	6,912	--	--	87,524	--	--	--	
2020	0	458	74	6,174	73	6,322	--	--	94,935	--	--	--	
2021	0	449	93	6,312	62	6,468	--	--	90,284	--	--	--	
2022	0	433	88	5,710	52	5,850	--	--	89,542	--	--	--	

**Trillion Btu**

1960	0.1	377.6	2.8	12.7	0.1	15.6	25.3	NA	NA	51.1	469.6	R 103.0	R 572.6
1965	0.1	524.9	2.5	17.1	0.2	19.8	21.7	NA	NA	81.2	647.6	R 159.7	R 807.3
1970	1.3	582.4	2.9	17.3	0.9	21.2	24.2	NA	NA	122.1	751.2	R 250.0	R 1,001.2
1975	0.0	666.7	2.9	9.1	1.2	13.2	27.5	NA	NA	151.0	858.4	R 308.3	R 1,166.7
1980	(s)	552.4	0.6	16.5	0.1	17.2	53.0	NA	NA	177.5	800.0	R 377.5	R 1,177.6
1985	0.3	547.8	0.8	18.0	0.4	19.2	91.5	NA	NA	196.2	855.0	R 398.7	R 1,253.7
1990	0.1	531.0	1.2	19.3	0.5	21.0	73.2	0.2	R 18.0	227.2	R 870.6	R 396.9	R 1,267.4
1995	0.4	482.7	1.0	16.4	0.5	17.9	56.6	0.2	R 19.8	234.7	R 812.4	R 364.8	R 1,177.1
2000	0.1	494.2	1.4	17.9	1.6	20.9	37.0	0.2	R 17.3	270.4	R 839.9	R 460.7	R 1,300.6
2005	(s)	494.9	0.9	28.3	1.7	30.9	25.9	0.2	R 14.4	292.1	R 858.4	R 452.8	R 1,311.2
2006	(s)	503.0	0.9	24.7	1.6	27.2	23.0	0.2	R 15.1	306.5	R 874.9	R 456.1	R 1,331.1
2007	0.0	506.8	0.6	26.2	0.9	27.6	25.4	0.2	R 15.8	304.2	R 880.0	R 480.6	R 1,360.5
2008	0.0	502.8	0.8	32.2	0.5	33.5	28.4	0.2	R 16.4	311.3	R 892.6	R 507.9	R 1,400.4
2009	0.0	493.7	2.2	30.2	1.0	33.4	37.3	0.3	R 16.6	306.4	R 887.6	R 476.9	R 1,364.6
2010	0.0	505.5	0.9	31.7	0.8	33.5	40.0	0.3	R 17.5	297.7	R 894.5	R 442.5	R 1,337.1
2011	0.0	522.4	0.6	30.1	0.6	31.3	38.8	0.2	R 18.7	301.6	R 913.1	R 426.8	R 1,339.9
2012	0.0	487.6	0.4	22.7	0.3	23.4	32.4	0.3	R 20.1	307.5	R 871.3	R 432.0	R 1,303.3
2013	0.0	494.4	0.6	22.8	0.3	23.6	42.3	0.3	R 22.5	304.5	R 887.5	R 413.8	R 1,301.3
2014	0.0	408.8	0.5	18.8	0.3	19.7	42.8	0.3	R 26.1	304.9	R 802.5	R 409.9	R 1,212.4
2015	0.0	415.9	0.4	21.1	0.2	21.8	R 22.1	0.3	R 29.8	305.0	R 794.9	R 406.4	R 1,201.3
2016	0.0	426.4	0.4	23.0	0.5	23.9	R 20.7	0.3	R 35.5	301.3	R 808.1	R 361.9	R 1,170.0
2017	0.0	446.3	0.4	22.1	0.3	22.8	R 20.1	0.3	R 40.6	307.5	R 837.6	R 333.0	R 1,170.5
2018	0.0	438.2	0.5	24.1	0.3	24.8	R 22.3	0.3	R 45.1	304.0	R 834.7	R 373.6	R 1,208.2
2019	0.0	480.5	0.5	25.9	0.4	26.8	R 27.2	0.3	R 50.3	298.6	R 883.7	R 326.1	R 1,209.7
2020	0.0	474.0	0.4	23.7	0.4	24.6	R 16.6	0.3	R 55.3	323.9	R 894.6	R 363.4	R 1,258.0
2021	0.0	464.8	0.5	24.2	0.4	25.1	R 17.9	0.3	R 60.9	308.0	R 877.1	R 346.6	R 1,223.6
2022	0.0	447.7	0.5	21.9	0.3	22.7	20.6	0.3	72.6	305.5	869.4	334.3	1,203.7

<sup>a</sup> Beginning in 2008, data are no longer collected and are assumed to be zero.

<sup>b</sup> Includes supplemental gaseous fuels that are commingled with natural gas.

<sup>c</sup> Hydrocarbon gas liquids, assumed to be propane only.

<sup>d</sup> Wood and wood-derived fuels.

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

<sup>f</sup> Solar thermal and photovoltaic energy. Includes solar thermal energy consumed as heat by the commercial and industrial sectors.

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

<sup>h</sup> 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.

<sup>i</sup> 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) = Physical unit value less than 0.5 or Btu value less than 0.05.

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/>