

Table CT1. Energy consumption estimates for selected energy sources in physical units, selected years, 1960-2022, California

Year	Coal Thousand short tons	Natural gas ^a Billion cubic feet	Petroleum							Nuclear electric power Million kilowatthours	Hydro-electric power ^g Million kilowatthours	Wind Million kilowatthours	Fuel ethanol ^h Thousand barrels	Biodiesel Thousand barrels
			Distillate fuel oil ^b Thousand barrels	HGL ^c Thousand barrels	Jet fuel ^d Thousand barrels	Motor gasoline ^e Thousand barrels	Residual fuel oil Thousand barrels	Other ^f Thousand barrels	Total Thousand barrels					
1960	1,342	1,258	26,683	8,888	25,818	137,025	80,575	46,536	325,526	(s)	17,445	0	NA	NA
1965	2,379	1,690	35,105	11,029	40,150	169,900	69,745	48,063	373,992	270	30,523	0	NA	NA
1970	2,327	2,126	39,221	15,532	59,614	214,064	70,324	52,329	451,084	3,132	38,082	0	NA	NA
1971	1,906	2,149	47,387	16,151	62,721	219,227	80,069	51,881	477,436	3,519	39,018	0	NA	NA
1972	1,773	2,186	46,087	17,505	63,646	232,758	78,082	54,904	492,983	3,175	31,755	0	NA	NA
1973	2,500	2,046	51,869	18,926	62,947	240,789	112,710	57,976	545,217	2,631	38,754	0	NA	NA
1974	2,268	1,834	43,775	20,312	60,344	235,468	99,002	57,443	516,345	3,698	46,422	0	NA	NA
1975	2,151	1,833	42,335	19,264	62,607	241,508	111,086	56,592	533,392	6,071	40,103	0	NA	NA
1976	2,612	1,757	45,810	19,100	61,059	252,646	138,117	61,366	578,098	4,807	23,193	0	NA	NA
1977	2,984	1,772	51,755	17,300	63,229	266,288	172,411	67,974	638,956	8,115	14,251	0	NA	NA
1978	2,732	1,563	60,214	19,594	64,648	278,182	155,636	71,427	649,701	7,659	37,206	0	NA	NA
1979	2,734	1,810	66,872	23,149	65,874	269,423	156,981	80,247	662,545	8,762	33,920	0	NA	NA
1980	2,669	1,808	62,277	19,197	63,201	253,593	148,701	69,430	616,400	4,920	40,780	0	NA	NA
1981	3,231	1,858	67,523	17,123	59,089	252,914	130,662	44,225	571,534	3,206	29,764	0	410	NA
1982	2,864	1,683	67,264	16,270	56,541	249,912	81,658	45,449	517,093	3,735	50,226	0	1,103	NA
1983	1,456	1,535	68,093	16,259	57,359	256,139	68,521	70,521	536,893	5,613	56,885	1	1,118	NA
1984	1,669	1,670	75,417	20,667	66,640	265,187	76,540	74,846	579,297	14,144	43,159	4	901	NA
1985	1,942	1,846	71,538	20,497	67,028	267,368	66,724	71,541	564,695	19,729	31,717	3	429	NA
1986	1,865	1,531	74,668	20,119	75,176	279,569	58,047	68,833	576,411	26,215	41,459	3	411	NA
1987	1,934	1,935	68,393	22,328	79,857	292,909	66,638	70,846	600,970	30,387	24,564	4	616	NA
1988	2,209	1,804	81,954	22,798	82,620	303,621	68,917	76,108	636,017	30,863	23,474	1	1,189	NA
1989	3,052	1,975	80,510	24,697	90,291	310,918	67,223	73,292	646,932	32,519	30,801	2,079	1,067	NA
1990	3,809	2,036	77,233	19,992	94,907	305,983	64,095	72,164	634,373	32,693	23,793	2,759	1,133	NA
1991	4,002	2,150	74,857	18,596	90,064	298,698	45,310	63,611	591,136	31,542	21,957	2,915	1,424	NA
1992	4,062	2,229	69,190	21,088	86,688	315,643	34,315	66,499	593,423	35,244	20,167	2,864	158	NA
1993	3,816	2,136	64,985	16,655	89,244	308,726	37,167	60,664	577,441	31,581	40,493	2,984	575	NA
1994	3,703	2,282	72,385	18,099	98,793	307,653	41,932	64,474	603,337	33,752	23,013	3,387	810	NA
1995	3,675	2,077	73,050	14,798	95,304	313,464	46,248	62,354	605,219	30,246	48,033	3,087	2,523	NA
1996	3,444	1,955	73,677	10,914	103,773	318,257	40,283	68,815	615,718	34,097	44,751	3,079	2,128	NA
1997	3,628	2,146	79,624	8,854	103,188	322,871	21,420	66,286	602,242	30,512	41,055	3,137	2,134	NA
1998	2,903	2,310	78,526	10,936	105,482	329,943	17,194	65,189	607,270	34,594	49,548	2,758	1,610	NA
1999	3,005	2,340	82,748	12,171	98,673	337,791	23,794	70,775	625,953	33,372	40,737	3,230	1,395	NA
2000	2,954	2,509	93,456	12,558	103,001	342,890	33,734	65,890	651,530	35,176	38,334	3,518	1,589	NA
2001	2,834	2,465	97,376	11,060	97,216	351,981	25,470	72,395	655,498	33,220	25,542	3,500	2,205	3
2002	2,943	2,273	89,580	14,696	102,756	369,567	30,768	72,040	679,406	34,352	31,141	3,803	2,587	6
2003	2,866	2,269	82,540	14,689	99,721	367,675	23,421	67,577	655,623	35,594	36,371	3,895	14,411	5
2004	2,847	2,407	94,023	14,831	105,408	376,075	27,786	67,499	685,622	30,268	34,141	4,306	20,813	9
2005	2,849	2,248	96,902	12,375	104,612	381,301	33,939	69,209	698,338	36,155	39,632	4,262	22,935	31
2006	2,771	2,316	99,305	12,090	106,403	383,178	37,731	68,041	706,748	31,959	48,047	4,883	22,660	88
2007	2,779	2,396	99,024	11,505	110,794	380,780	39,680	69,299	711,081	35,792	27,328	5,585	23,783	119
2008	2,681	2,405	90,395	16,341	100,836	364,468	40,614	59,587	672,240	32,482	24,128	5,385	24,254	102
2009	2,209	2,329	87,734	16,682	97,985	356,713	38,535	50,878	648,527	31,764	27,888	5,840	23,928	108
2010	2,311	2,273	91,523	16,507	76,755	355,172	39,920	49,456	629,334	32,201	33,431	6,079	36,730	88
2011	2,347	2,153	93,626	16,505	76,404	345,678	29,732	54,218	616,164	36,663	42,557	7,752	35,717	299
2012	1,863	2,403	89,815	14,441	76,770	342,083	26,576	48,842	598,528	18,507	26,837	9,754	34,588	476
2013	1,643	2,416	92,440	14,303	78,696	346,483	19,753	52,880	604,556	17,912	23,755	12,822	35,688	1,426
2014	1,677	2,339	97,156	13,959	80,424	347,508	13,448	50,859	603,356	16,986	16,531	12,992	36,100	1,590
2015	1,334	2,301	98,250	13,951	86,709	358,108	18,556	50,228	625,803	18,505	13,808	12,230	37,313	3,011
2016	1,389	2,173	97,173	15,053	93,873	364,832	23,198	R 52,412	R 646,541	18,908	28,942	13,509	37,803	3,889
2017	1,464	2,117	100,277	14,508	99,777	366,820	26,237	R 52,981	R 660,601	17,901	42,363	12,823	38,179	4,042
2018	1,438	2,139	99,970	15,198	101,663	365,610	26,865	R 53,549	R 662,855	18,214	26,331	14,024	37,736	4,391
2019	1,323	2,146	98,407	16,026	103,769	360,243	29,330	R 52,313	R 660,088	16,165	38,355	13,735	37,856	5,037
2020	1,211	R 2,084	91,727	15,152	59,550	289,918	20,054	R 48,245	R 524,646	16,259	21,377	13,583	30,752	6,344
2021	1,223	2,101	R 98,509	15,791	70,561	319,514	28,262	R 75,832	R 608,470	16,477	14,678	15,177	34,113	6,906
2022	1,322	2,059	97,803	15,613	82,887	316,425	28,960	86,398	628,086	17,593	17,644	14,638	33,863	6,705

^a Includes supplemental gaseous fuels that are commingled with natural gas.
^b Beginning in 2009, includes biodiesel blended into distillate fuel oil. Beginning in 2011, includes renewable diesel blended into distillate fuel oil. Excludes biofuels product supplied.
^c Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.
^d Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Other petroleum." There is a discontinuity in this time series between 2009 and 2010 because of data source and methodology changes. See technical notes.
^e Beginning in 1993, includes fuel ethanol blended into motor gasoline.
^f Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.
^g Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, which cannot be

separately identified.
^h Includes denaturant. Because of differences in data sources and estimation methods, the ratio of fuel ethanol consumption and motor gasoline consumption should not be interpreted as the average ethanol blend rate.
 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/>