

Table PT1. Primary Energy Production Estimates in Physical Units, California, 1960-2019

Year	Fossil Fuels			Renewable Energy	
	Coal ^a	Natural Gas ^b	Crude Oil ^c	Fuel Ethanol ^d	Biodiesel
	Thousand Short Tons	Million Cubic Feet	Thousand Barrels	Thousand Barrels	Thousand Barrels
1960	0	517,535	305,352	NA	NA
1961	0	556,241	299,609	NA	NA
1962	0	564,220	296,590	NA	NA
1963	0	646,486	300,908	NA	NA
1964	0	664,051	300,009	NA	NA
1965	0	660,384	316,428	NA	NA
1966	0	689,607	345,295	NA	NA
1967	0	681,080	359,219	NA	NA
1968	0	714,893	373,422	NA	NA
1969	0	677,689	365,348	NA	NA
1970	0	649,117	347,157	NA	NA
1971	0	612,629	327,380	NA	NA
1972	0	487,278	324,459	NA	NA
1973	0	449,369	317,257	NA	NA
1974	0	365,354	306,219	NA	NA
1975	0	318,308	306,764	NA	NA
1976	0	354,334	312,044	NA	NA
1977	0	311,462	337,351	NA	NA
1978	0	311,084	335,201	NA	NA
1979	0	248,206	341,297	NA	NA
1980	0	309,434	346,804	NA	NA
1981	0	380,359	365,370	0	NA
1982	0	383,977	373,176	0	NA
1983	0	415,324	374,161	0	NA
1984	0	476,333	381,621	0	NA
1985	71	491,283	394,002	91	NA
1986	0	462,218	378,059	97	NA
1987	46	424,621	364,608	106	NA
1988	54	399,663	354,730	107	NA
1989	41	362,860	331,174	101	NA
1990	61	362,748	320,868	85	NA
1991	57	378,384	319,497	100	NA
1992	103	365,632	305,488	105	NA
1993	0	315,851	293,090	111	NA
1994	0	309,427	286,060	123	NA
1995	0	279,555	278,977	119	NA
1996	0	286,494	282,409	49	NA
1997	0	285,690	285,172	87	NA
1998	0	315,277	283,627	103	NA
1999	0	382,715	273,017	95	NA
2000	0	376,580	271,132	115	NA
2001	0	377,824	260,663	126	3
2002	0	360,205	257,898	172	14
2003	0	337,216	248,093	202	19
2004	0	319,919	240,138	185	30
2005	0	317,637	230,230	363	65
2006	0	315,209	223,015	936	74
2007	0	307,160	218,518	2,128	77
2008	0	296,469	214,533	2,270	105
2009	0	276,575	207,262	1,178	82
2010	0	286,841	200,370	1,443 R	60
2011	0	250,177	196,172	3,674 R	227
2012	0	246,822	197,211	3,564 R	272
2013	0	252,310	198,928	3,533 R	589
2014	0	238,988	204,699	4,514 R	578
2015	0	236,648	201,284	4,650 R	747 R
2016	0	205,025	186,079	4,717 R	1,081
2017	0	212,458	173,403	5,051 R	1,001 R
2018	0	202,617 R	169,166	5,170 R	1,095
2019	0	196,823	161,485	4,632	1,011

^a Beginning in 2001, includes refuse recovery.

NA = Not available.

^b Marketed production. Includes Pacific federal offshore production.

Where shown, R = Revised.

^c Includes lease condensate.

Where shown, (s) = Less than 0.5 of published unit.

^d Includes denaturant.

Sources: Data sources, estimation procedures, and assumptions are described in the documentation at <http://www.eia.gov/state/seds/seds-technical-notes-complete.php>