

CALIFORNIA Table CT7. Transportation Sector Energy Consumption Estimates, Selected Years, 1960-2019, California

Year	Coal Thousand Short Tons	Natural Gas ^a Billion Cubic Feet	Petroleum								Electricity Retail Sales Million Kilowatthours	Net Energy ^{f,g}	Electrical System Energy Losses ^h	Total ^{f,g}
			Aviation Gasoline	Distillate Fuel Oil ^b	HGL ^c	Jet Fuel ^d	Lubricants	Motor Gasoline ^e	Residual Fuel Oil	Total				
			Thousand Barrels											
1960	23	11	5,383	15,313	214	25,818	2,327	132,768	38,610	220,432	66	--	--	--
1965	8	16	3,342	21,032	208	40,150	2,772	166,346	35,109	268,960	66	--	--	--
1970	4	17	2,184	29,448	305	59,614	2,457	210,641	27,982	332,632	65	--	--	--
1975	(s)	20	1,640	30,528	390	62,509	2,386	238,548	20,056	356,057	265	--	--	--
1980	0	15	285	41,801	522	62,224	2,804	250,100	66,673	424,409	203	--	--	--
1985	0	14	1,354	49,892	1,225	67,028	2,552	262,544	43,340	427,934	266	--	--	--
1990	0	20	1,106	55,598	923	94,907	2,871	300,893	54,206	510,503	315	--	--	--
1995	0	20	807	57,940	564	95,304	2,739	310,379	44,043	511,776	423	--	--	--
2000	0	12	723	70,525	341	103,001	2,926	340,681	33,540	551,739	606	--	--	--
2001	0	14	536	71,172	390	97,216	2,681	347,202	24,617	543,814	660	--	--	--
2002	0	12	599	72,375	501	102,756	2,649	364,493	30,534	573,906	591	--	--	--
2003	0	12	601	69,619	510	99,721	2,449	362,405	23,358	558,664	809	--	--	--
2004	0	17	554	77,767	478	105,408	2,481	370,084	27,772	584,544	900	--	--	--
2005	0	20	530	81,307	842	104,612	2,468	375,652	33,924	599,335	846	--	--	--
2006	0	17	461	83,608	868	106,403	2,405	377,390	37,614	608,749	877	--	--	--
2007	0	20	443	85,465	760	110,794	2,483	376,053	39,652	615,649	848	--	--	--
2008	0	19	407	74,509	1,320	100,836	2,305	360,261	40,209	579,849	867	--	--	--
2009	0	19	285	73,406	1,013	97,985	2,073	352,703	38,519	565,985	844	--	--	--
2010	0	23	348	74,360	188	77,737	2,549	349,136	39,901	544,220	821	--	--	--
2011	0	25	379	75,886	R 185	77,849	2,388	339,741	29,724	526,152	827	--	--	--
2012	0	28	379	72,945	R 232	78,284	2,179	335,807	26,571	516,397	685	--	--	--
2013	0	25	342	75,872	R 237	79,875	2,276	339,959	19,747	518,309	836	--	--	--
2014	0	39	470	79,756	R 199	82,425	2,330	342,712	13,442	521,334	832	--	--	--
2015	0	36	499	80,487	R 207	88,561	2,571	342,128	18,509	532,961	838	--	--	--
2016	0	41	450	80,218	R 219	96,459	2,436	348,830	23,140	551,752	782	--	--	--
2017	0	R 44	407	82,842	R 158	102,712	2,265	350,604	26,219	565,207	835	--	--	--
2018	0	R 44	442	84,010	R 152	104,503	2,183	349,108	26,855	567,254	750	--	--	--
2019	0	47	497	83,117	138	106,201	2,105	343,677	29,320	565,056	768	--	--	--

Trillion Btu

1960	0.6	11.0	27.2	89.2	0.8	140.7	14.1	697.4	242.7	1,212.1	0.2	1,223.9	0.6	1,224.4
1965	0.2	16.8	16.9	122.5	0.8	222.2	16.8	873.8	220.7	1,473.7	0.2	1,491.0	0.5	1,491.5
1970	0.1	17.9	11.0	171.5	1.2	332.9	14.9	1,106.5	175.9	1,814.0	0.2	1,832.2	0.5	1,832.7
1975	(s)	21.4	8.3	177.8	1.5	350.2	14.5	1,253.1	126.1	1,931.4	0.9	1,953.7	2.2	1,955.9
1980	0.0	15.9	1.4	243.5	2.0	348.7	17.0	1,313.8	419.2	2,345.6	0.7	2,362.2	1.7	2,363.8
1985	0.0	15.0	6.8	290.6	4.7	375.8	15.5	1,379.1	272.5	2,345.1	0.9	2,362.4	2.1	2,364.5
1990	0.0	20.8	5.6	323.9	3.5	534.7	17.4	1,580.6	340.8	2,806.4	1.1	2,832.2	2.4	2,834.5
1995	0.0	20.0	4.1	337.2	2.2	540.4	16.6	1,615.2	278.9	2,792.5	1.4	2,814.0	3.2	2,817.1
2000	0.0	11.5	3.7	410.4	1.3	584.0	17.7	1,771.9	210.9	2,999.9	2.1	3,013.5	4.5	3,017.9
2001	0.0	13.8	2.7	414.2	1.5	551.2	16.3	1,805.8	154.8	2,946.4	2.3	2,962.5	4.9	2,967.4
2002	0.0	12.6	3.0	421.2	1.9	582.6	16.1	1,895.0	192.0	3,111.8	2.0	3,126.4	4.4	3,130.8
2003	0.0	12.3	3.0	405.1	2.0	565.4	14.9	1,883.4	146.9	3,020.7	2.8	3,035.8	5.7	3,041.5
2004	0.0	17.1	2.8	452.4	1.8	597.7	15.0	1,923.0	174.6	3,167.3	3.1	3,187.6	6.5	3,194.1
2005	0.0	20.7	2.7	473.0	3.2	593.1	15.0	1,950.4	213.3	3,250.7	2.9	3,274.4	5.8	3,280.3
2006	0.0	17.3	2.3	485.2	3.3	603.3	14.6	1,956.8	236.5	3,302.0	3.0	3,322.7	6.0	3,328.7
2007	0.0	20.6	2.2	494.3	2.9	628.2	15.1	1,933.7	249.3	3,325.7	2.9	3,349.8	5.6	3,355.5
2008	0.0	20.0	2.1	430.7	5.1	571.7	14.0	1,839.5	252.8	3,115.8	3.0	3,139.3	5.9	3,145.2
2009	0.0	19.7	1.4	424.1	3.9	555.6	12.6	1,795.3	242.2	3,035.0	2.9	3,057.6	5.6	3,063.1
2010	0.0	23.8	1.8	429.4	0.7	440.8	15.5	1,769.1	250.9	2,934.7	2.8	2,934.7	5.4	2,940.0
2011	0.0	25.4	1.9	437.9	0.7	441.4	14.5	1,720.1	186.9	2,803.4	2.8	2,831.6	5.5	2,837.0
2012	0.0	28.1	1.9	420.7	0.9	443.9	13.2	1,699.9	167.1	2,747.5	2.3	2,777.9	4.3	2,782.2
2013	0.0	25.2	1.7	437.2	0.9	452.9	13.8	1,720.2	124.1	2,750.9	2.9	2,779.0	5.1	2,784.1
2014	0.0	39.6	2.4	459.6	0.8	467.4	14.1	1,733.8	84.5	2,762.5	2.8	2,805.0	5.0	2,810.0
2015	0.0	36.8	2.5	463.8	R 0.8	502.1	15.6	1,730.1	116.4	2,831.3	2.9	2,871.0	5.0	2,876.0
2016	0.0	42.7	2.3	461.8	0.8	546.9	14.8	1,763.3	145.5	2,935.4	2.7	2,980.8	R 4.7	2,985.4
2017	0.0	R 45.9	2.1	476.9	0.6	582.4	13.7	1,771.6	164.8	3,012.1	2.8	3,060.9	5.0	3,065.9
2018	0.0	R 45.4	2.2	483.8	R 0.6	592.5	13.2	1,764.4	168.8	3,025.6	2.6	3,073.6	4.7	3,078.3
2019	0.0	48.9	2.5	478.7	0.5	602.2	12.8	1,736.3	184.3	3,017.2	2.6	3,068.7	4.6	3,073.3

^a Transportation use of natural gas is gas consumed in the operation of pipelines, primarily in compressors, and, since 1990, natural gas consumed as vehicle fuel.

^b Beginning in 2009, includes biodiesel blended into distillate fuel oil.

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

^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 "Industrial sector, Other Petroleum."

^e Beginning in 1993, includes fuel ethanol blended into motor gasoline.

^f There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of fuel ethanol beginning in 1981.

^g For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.

^h 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.

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 the 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>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.