



U.S. Energy Information
Administration

California



State Profile and Energy Estimates

Profile Data [Print State Energy Profile](#) (overview, data, & analysis)

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Data in this section highlight only a small number of the many series available for this state. Use the "more" links on this page or the "Find" tool to access EIA's additional state-level data.

Energy Indicators

Demography	California	Share of U.S.	Period
Population	38.8 million	12.2%	2014
Civilian Labor Force	18.9 million	12.0%	Mar-15
Economy	California	U.S. Rank	Period
Gross Domestic Product	\$ 2,202.7 billion	1	2013
Gross Domestic Product for the Manufacturing Sector	\$ 239,008 million	1	2013
Per Capita Personal Income	\$ 47,401	13	2013
Vehicle Miles Traveled	329,534 million miles	1	2013
Land in Farms	25.6 million acres	16	2012

Prices

Petroleum	California	U.S. Average	Period	find more
Domestic Crude Oil First Purchase	\$ 47.02 /barrel	\$ 44.35 /barrel	Feb-15	
Natural Gas	California	U.S. Average	Period	find more
City Gate	\$ 3.30 /thousand cu ft	\$ 4.55 /thousand cu ft	Feb-15	find more
Residential	\$ 11.53 /thousand cu ft	\$ 9.10 /thousand cu ft	Feb-15	find more
Coal	California	U.S. Average	Period	find more
Average Sales Price	--	\$ 37.24 /short ton	2013	
Delivered to Electric Power Sector	--	\$ 2.25 /million Btu	Feb-15	

Energy Indicators

Electricity	California	U.S. Average	Period	find more
Residential	17.18 cents/kWh	12.29 cents/kWh	Feb-15	find more
Commercial	14.08 cents/kWh	10.62 cents/kWh	Feb-15	find more
Industrial	10.61 cents/kWh	6.88 cents/kWh	Feb-15	find more

Reserves & Supply

Reserves	California	Share of U.S.	Period	find more
Crude Oil	2,876 million barrels	8.6%	2013	find more
Dry Natural Gas	1,887 billion cu ft	0.6%	2013	find more
Expected Future Production of Natural Gas Plant Liquids	102 million barrels	0.9%	2013	find more
Recoverable Coal at Producing Mines	--	--	2013	find more
Rotary Rigs & Wells	California	Share of U.S.	Period	find more
Rotary Rigs in Operation	38 rigs	2.2%	2013	
Natural Gas Producing Wells	1,346 wells	0.3%	2013	find more
Production	California	Share of U.S.	Period	find more
Total Energy	2,335 trillion Btu	3.0%	2012	find more
Crude Oil	15,874 thousand barrels	6.1%	Feb-15	find more
Natural Gas - Marketed	252,310 million cu ft	1.0%	2013	find more
Coal	--	--	2013	find more
Capacity	California	Share of U.S.	Period	
Crude Oil Refinery Capacity (as of Jan. 1)	1,960,671 barrels/calendar day	10.9%	2014	
Electric Power Industry Net Summer Capacity	75,511 MW	7.1%	Feb-15	
Net Electricity Generation	California	Share of U.S.	Period	find more
Total Net Electricity Generation	12,215 thousand MWh	3.6%	Feb-15	
Net Electricity Generation (share of total)	California	U.S. Average	Period	
Petroleum-Fired	NM	1.6 %	Feb-15	find more
Natural Gas-Fired	54.2 %	27.2 %	Feb-15	find more
Coal-Fired	0.3 %	38.0 %	Feb-15	find more

Energy Indicators

Nuclear	12.5 %	19.0 %	Feb-15	find more
Hydroelectric	7.2 %	6.7 %	Feb-15	find more
Other Renewables	25.1 %	6.8 %	Feb-15	
Stocks	California	Share of U.S.	Period	find more
Motor Gasoline (Excludes Pipelines)	299 thousand barrels	1.6%	Feb-15	
Distillate Fuel Oil (Excludes Pipelines)	6,519 thousand barrels	7.0%	Feb-15	find more
Natural Gas in Underground Storage	474,968 million cu ft	7.9%	Feb-15	find more
Petroleum Stocks at Electric Power Producers	168 thousand barrels	0.6%	Feb-15	find more
Coal Stocks at Electric Power Producers	0 thousand tons	0.0%	Feb-15	find more
Production Facilities	California			
Major Coal Mines	None			find more
Petroleum Refineries	Alon Bakersfield Operating (Bakersfield), BP West Coast Products (Los Angeles), Chevron USA (El Segundo), Chevron USA (Richmond), Phillips 66 Company (Rodeo), Phillips 66 Company (Wilmington), Exxon Mobil Refining & Supply (Torrance), Santa Maria Refining Company (Santa Maria), Kern Oil & Refining (Bakersfield), Lunday Thagard (South Gate), Paramount Petroleum (Paramount), San Joaquin Refining (Bakersfield), Shell Oil Products (Martinez), Tesoro Refining & Marketing (Martinez), Tesoro Refining & Marketing (Wilmington), Valero Refining (Benicia), Valero Refining (Wilmington)			
Major Non-Nuclear Electricity Generating Plants	Dynegy Moss Landing Power Plant (Dynegy -Moss Landing LLC) ; AES Alamos LLC (AES Alamos LLC) ; Haynes (Los Angeles City of) ; Ormond Beach (RRI Energy Ormond Bch LLC) ; Pittsburg Power (Mirant Delta LLC)			
Nuclear Power Plants	Diablo Canyon (Pacific Gas & Electric Co)			find more

Distribution & Marketing

Distribution Centers	California			
Petroleum Ports	Los Angeles, Richmond, Long Beach, Oakland, Humboldt, San Diego.			find more
Natural Gas Market Hubs	California Energy Hub (Market Center), Golden Gate Center (Market Center)			
Major Pipelines	California			find more
Crude Oil	Phillips 66 Pipeline, Exxon-Mobil West Coast, Plains Pipeline			
Petroleum Product	Phillips 66 Pipeline, Kinder Morgan			
Natural Gas Liquids	None			
Interstate Natural Gas Pipelines	El Paso Natural Gas Company LLC, Kern River Gas Transmission Company, Mojave Pipeline Company LLC, North Baja Pipeline Company, Pacific Gas, Southern Trails Pipeline Company, Tuscarora Gas Transmission Company			
Fueling Stations	California	Share of U.S.	Period	

Energy Indicators

Motor Gasoline	7,513 stations	6.6%	2012
Liquefied Petroleum Gases	227 stations	8.2%	2013
Compressed Natural Gas	256 stations	21.5%	2013
Ethanol	71 stations	2.7%	2013
Other Alternative Fuels	3,707 stations	23.2%	2013

Consumption & Expenditures

Summary	California	U.S. Rank	Period	
Total Consumption	7,641 trillion Btu	2	2012	find more
Total Consumption per Capita	201 million Btu	49	2012	find more
Total Expenditures	\$ 136,364 million	2	2012	find more
Total Expenditures per Capita	\$ 3,589	46	2012	find more
by End-Use Sector	California	Share of U.S.	Period	
Consumption				
» Residential	1,472 trillion Btu	7.4%	2012	find more
» Commercial	1,481 trillion Btu	8.5%	2012	find more
» Industrial	1,744 trillion Btu	5.6%	2012	find more
» Transportation	2,943 trillion Btu	11.0%	2012	find more
Expenditures				
» Residential	\$ 19,212 million	8.2%	2012	find more
» Commercial	\$ 18,967 million	11.0%	2012	find more
» Industrial	\$ 13,029 million	5.8%	2012	find more
» Transportation	\$ 85,157 million	11.8%	2012	find more
by Source	California	Share of U.S.	Period	
Consumption				
» Petroleum	628.7 million barrels	9.1%	2013	find more
» Natural Gas	2,418.2 billion cu ft	9.2%	2013	find more
» Coal	1.6 million short tons	0.2%	2013	find more
Expenditures				
» Petroleum	\$ 88,293 million	10.1%	2013	find more
» Natural Gas	\$ 14,821 million	9.8%	2013	find more
» Coal	\$ 130 million	0.3%	2013	find more

Energy Indicators

Consumption for Electricity Generation	California	Share of U.S.	Period	find more
Petroleum	NM	NM	Feb-15	find more
Natural Gas	47,935 million cu ft	7.1%	Feb-15	find more
Coal	6 thousand short tons	*	Feb-15	find more
Energy Source Used for Home Heating (share of households)	California	U.S. Average	Period	
Natural Gas	64.4 %	48.3 %	2013	
Fuel Oil	0.3 %	5.5 %	2013	
Electricity	26.7 %	37.4 %	2013	
Liquefied Petroleum Gases	3.3 %	4.8 %	2013	
Other/None	5.3 %	3.9 %	2013	

Environment

Special Programs	California			find more
Clean Cities Coalitions	Antelope Valley, Central Coast, Coachella Valley, East Bay (Oakland), Long Beach, Los Angeles, Sacramento, San Diego, San Francisco, San Joaquin Valley, Silicon Valley (San Jose), Southern California, Western Riverside County			
Alternative Fuels	California	Share of U.S.	Period	find more
Alternative Fueled Vehicles in Use	176,619 vehicles	14.9%	2011	find more
Ethanol Plant Operating Capacity	178 million gal/year	1.2%	2015	find more
Ethanol Consumption	35,758 thousand barrels	11.4%	2013	find more
Total Emissions	California	Share of U.S.	Period	find more
Carbon Dioxide	345.0 million metric tons	6.7%	2012	
Electric Power Industry Emissions	California	Share of U.S.	Period	find more
Carbon Dioxide	59,369,012 metric tons	2.8%	2012	
Sulfur Dioxide	5,505 metric tons	0.1%	2012	
Nitrogen Oxide	83,968 metric tons	3.9%	2012	

Notes & Sources

-- = No data reported.

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as *.)

NA = Not available.

NM = Not meaningful due to large relative standard error or excessive percentage change.

W = Withheld to avoid disclosure of individual company data.

Note: Small differences between source data and values displayed here may be due to independent rounding.

Note: Total net electricity generation includes net generation from petroleum coke, pumped storage hydroelectric, other gases, and other energy sources, which are not shown separately.