

# California Transportation Data for Alternative Fuels and Vehicles

California

Find transportation data and information about alternative fuels and advanced vehicles in California, including laws and incentives, fueling stations, fuel prices, and more.

## Laws and Incentives

**241** [laws and incentives in California](#)

[\(/laws/state\\_summary?state=CA\)](/laws/state_summary?state=CA)  
related to alternative fuels and advanced vehicles

### Recent Additions and Updates

[Warehouse Electric Vehicle \(EV\) Charger Make-Ready Requirement \(/laws/14323\)](#)

[Multifamily Housing \(MFH\) Electric Vehicle \(EV\) Charger Grants \(/laws/14221\)](#)

[Vehicle Grid Integration \(VGI\) Research and Development Grants \(/laws/13534\)](#)

## Fueling Stations

**70,490** [stations in California](#)

[\(/stations/#/analyze?region=US-CA&show\\_map=true&country=US&a](/stations/#/analyze?region=US-CA&show_map=true&country=US&)  
with alternative fuels

[Biodiesel \(B20 and above\)](#)  
[\(/stations/#/analyze?region=US-CA&show\\_map=true&country=US&a](/stations/#/analyze?region=US-CA&show_map=true&country=US&)

[Compressed Natural Gas \(CNG\)](#)  
[\(/stations/#/analyze?region=US-CA&show\\_map=true&country=US&a](/stations/#/analyze?region=US-CA&show_map=true&country=US&)

[Electric \(charging ports\)](#)  
[\(/stations/#/analyze?region=US-CA&show\\_map=true&country=US&a](/stations/#/analyze?region=US-CA&show_map=true&country=US&)

## Clean Cities and Communities Coalitions

[Clean Cities and Communities](#)  
(<https://cleancities.energy.gov>) is a U.S. Department of Energy partnership to advance clean transportation nationwide through a network of more than 75 coalitions.

California has 11 coalitions.

[View All](#)  
([https://cleancities.energy.gov/coalitions/search\\_for=California](https://cleancities.energy.gov/coalitions/search_for=California))

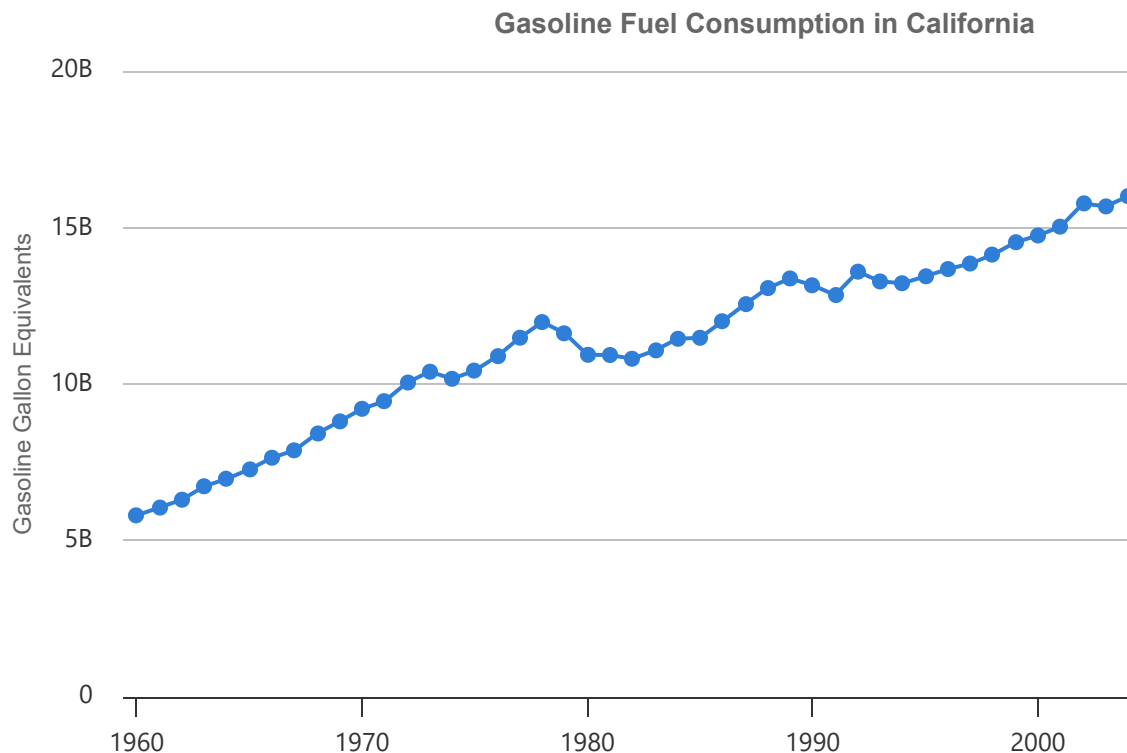
Contact a [local coalition](#)  
(<https://cleancities.energy.gov/coalitions>) or [regional manager](#)

[Alternative Fuel Vehicle \(AFV\) Manufacturing Incentive](#)

<https://cleancities.enerav.aov/cont>

## Transportation Fuel Consumption

Gasoline



Source: [State Energy Data System \(http://www.eia.gov/state/seds/\)](http://www.eia.gov/state/seds/) based on [beta data \(http://www.eia.gov/beta/api/qb.cfm?category=40212\)](http://www.eia.gov/beta/api/qb.cfm?category=40212) converted to [gasoline gallon equivalents \(https://www.eia.gov/beta/api/qb.cfm?category=40212\)](#) of petroleum (GGE) for the transportation

## Vehicles Registered in 2023

Electric (EV)	1,256,600
Plug-In Hybrid Electric (PHEV)	410,700
Hybrid Electric (HEV)	1,703,200
Biodiesel	201,600
Ethanol/Flex (E85)	1,314,600
Compressed Natural Gas (CNG)	10,100
Propane	1,500
Hydrogen	16,900
Methanol	0
Gasoline	31,191,900
Diesel	735,300
Unknown Fuel	7,900

Source: Light-duty vehicle registration counts from [TransAtlas \(/transatlas/\)](https://transatlas.com/) with data from Experian Information

Case Studies

Videos



### Liquefied Natural Gas Allows for Cleaner Refuse Collection in Sacramento

July 11, 2018

(/case/1424)



### Using Solar Power to Supplement Workplace

More Case Studies ▶

(/case)

### California Farms Go Gre...



Text Version (/case/3100?text)

More California Videos on YouTube ▶

(<https://www.youtube.com/user/CleanCitiesTV/search?query=California>)



### California Farms Go Green with Zero-Emission Electric Tractors

March 24, 2021

(/case/3100)



### Hydrogen Powers Fuel Cell Vehicles in California

Nov. 18, 2017

(/case/2989)

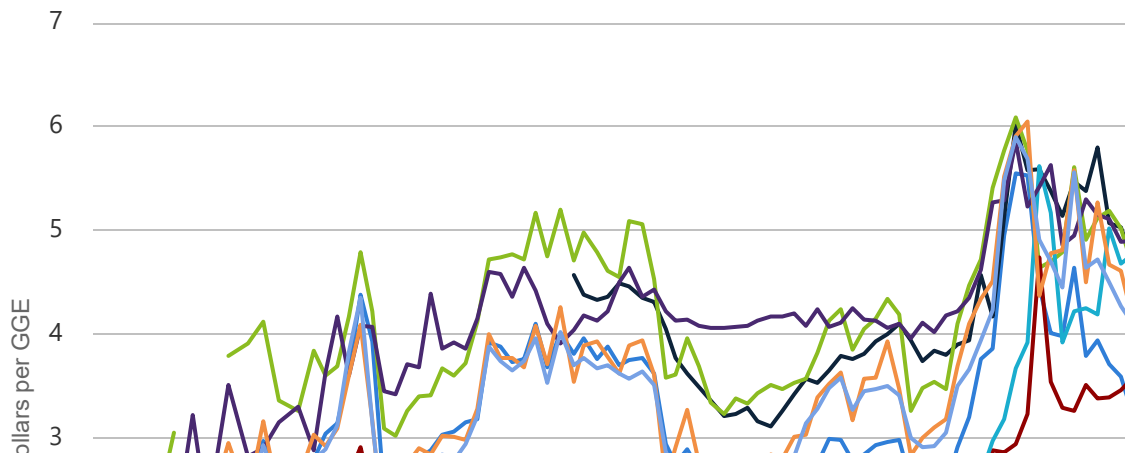
## Regional Fuel Prices

Chart | Data

## Transportation Projects

A Utility-Scale Plan for Accelerating the Deployment of Multi-Family Electric Vehicles Charging Infrastructure ▶  
([https://cleancities.energy.gov/part1/project\\_search=A+Utility-Scale+Plan+for+Accelerating+the+D+Family+Electric+Vehicles+Charging+family-ev](https://cleancities.energy.gov/part1/project_search=A+Utility-Scale+Plan+for+Accelerating+the+D+Family+Electric+Vehicles+Charging+family-ev))

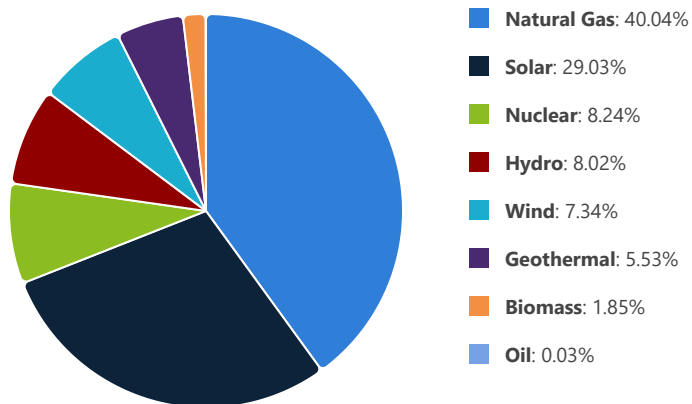
### Average Fuel Prices for the West Coast PADD



Accelerating Transportation Decarbonization with Underserved Communities in California's Central Coast and South Bay Regions ▶  
([https://cleancities.energy.gov/partproject\\_search=Accelerating+Transpcommunities](https://cleancities.energy.gov/partproject_search=Accelerating+Transpcommunities))  
California Fleets and Workplace

## Electricity Sources and Vehicle Emissions

### Electricity Sources in California



## More Resources

California Data – U.S. Energy Information Administration ▶  
(<http://www.eia.gov/state/?sid=CA>)  
California State Energy Office ▶  
(<http://www.energy.ca.gov/>)  
California Electric Vehicle Charging Plan 📄  
(<https://www.fhwa.dot.gov/environr>)  
California – National Association of State Energy Officials (NASEO) ▶  
(<http://www.naseo.org/members-state?State=CA>)