

# THE FOUR PILLARS OF ZERO-EMISSION VEHICLE MARKET DEVELOPMENT

Vehicles—Infrastructure—End Users—Workforce

## Vehicles



Transitioning California's economy to zero-emission mobility requires a wide range of vehicles. The Vehicles Pillar encompasses light-, medium-, and heavy-duty vehicles and equipment powered by battery electric and hydrogen fuel cell electric technologies.

A full definition of this pillar is in [ZEV Market Development Strategy](#).

### Targets & Progress (Q1 2024)

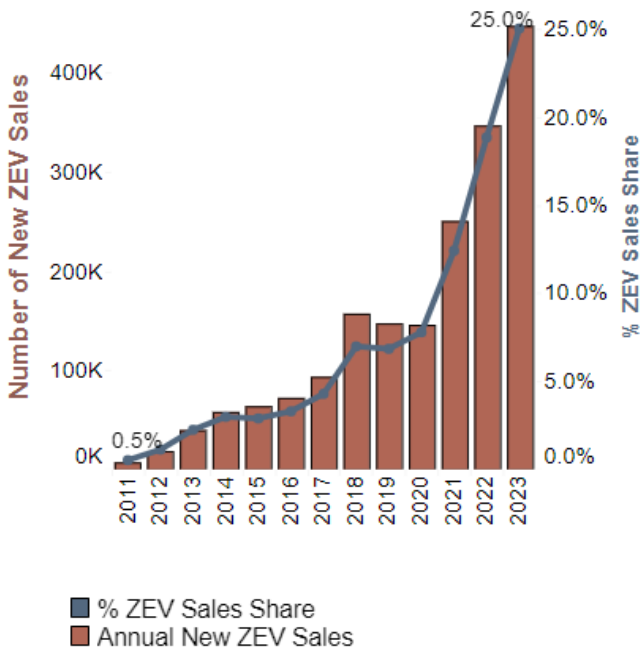
Data for this snapshot was current in May 2024. Things may change by the time you read it! Find updated data at the linked sources.

#### Light-Duty Vehicles

**1.5 Million ZEVs** by 2025 and **5 Million ZEVs** by 2030 ([EO B-48-18](#))

**100% of in-state sales** of new passenger cars & trucks will be zero-emission by 2035 ([EO N-79-20](#))

#### ZEV Sales Share



California Energy Commission (CEC), [New ZEV Sales in California](#)

#### Key Policy & Regulatory Actions:

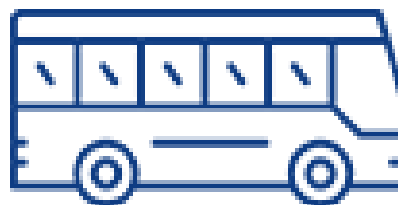
[Advanced Clean Cars I & II](#)  
[ZEV Regulation](#)  
[EO B-48-18](#) and [EO N-79-20](#)

#### Medium- & Heavy-Duty Vehicles

**100% of medium- & heavy-duty vehicles** will be zero-emission by 2045, and **100% of drayage vehicles** will be zero-emission by 2035 ([EO N-79-20](#))

There are approximately **3,700 MHD ZEVs** in California

The leading vehicle categories are buses and delivery vans



Vehicle numbers estimated using [CEC](#) and [HVIP](#) data.

#### Key Policy & Regulatory Actions:

[Advanced Clean Trucks](#)  
[Advanced Clean Fleets](#)  
[Innovative Clean Transit](#)

