



**HIGH COUNTRY**  
CONSERVATION CENTER

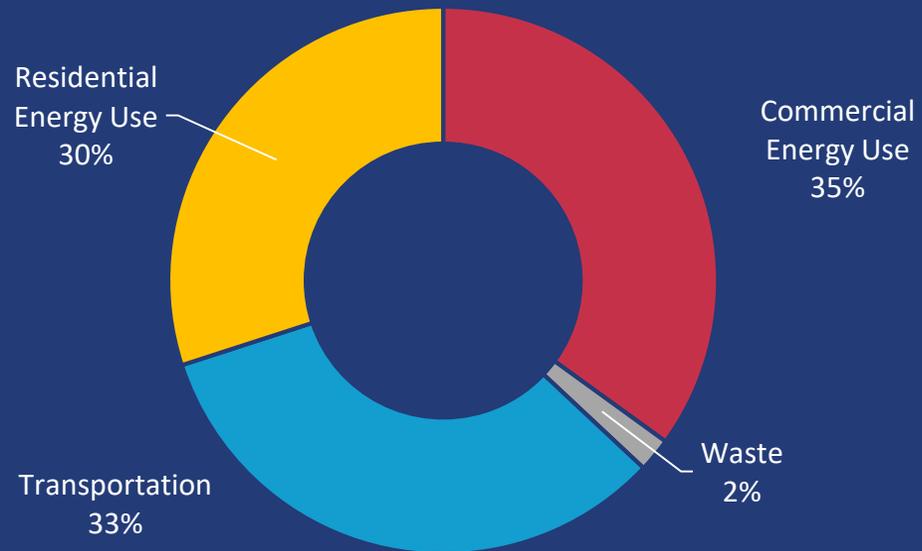
electric  
drive

EV Readiness in Summit County

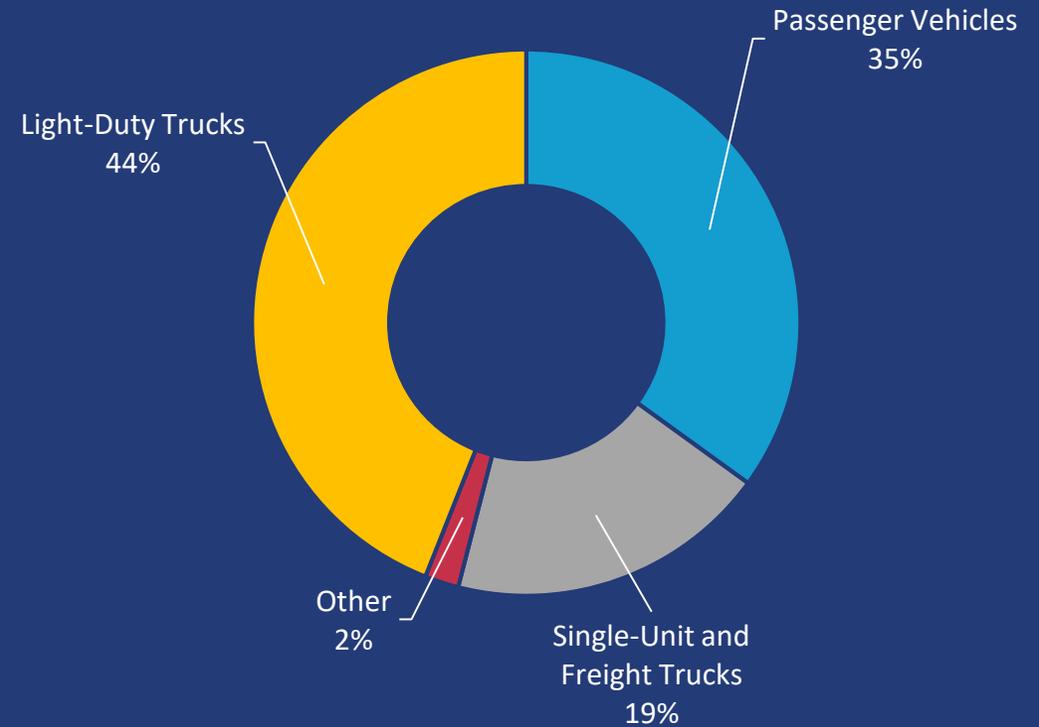
**Two-thirds of the world's  
oil consumption is used  
to fuel cars and trucks.**

# Why an EV Readiness Plan?

## Greenhouse Gas Emissions by Sector



## Emissions by Vehicle Type



A photograph of an EVgo fast charging station with several cars plugged in. The image is overlaid with a semi-transparent blue filter. The text is centered on the left side of the image.

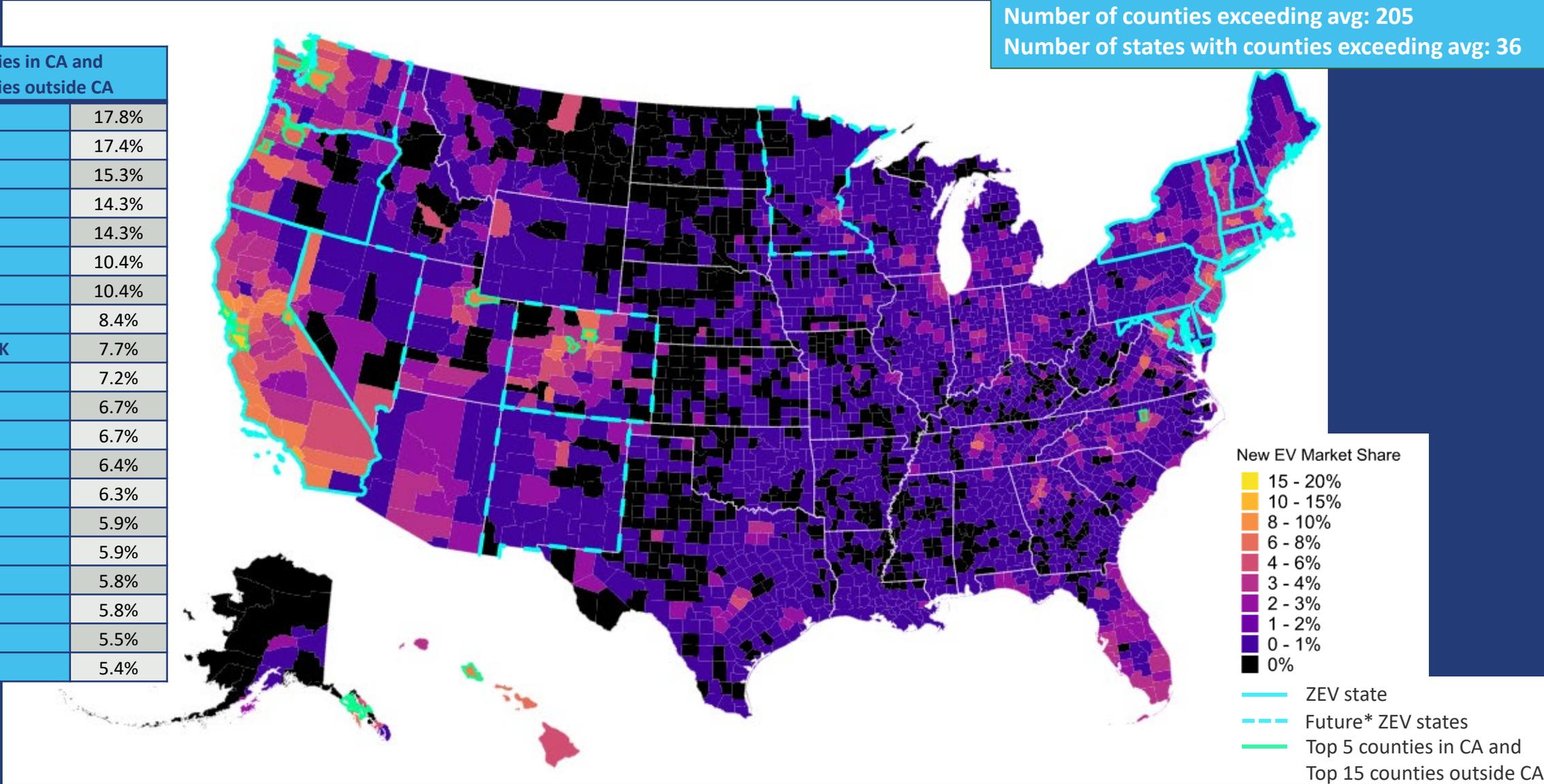
**U.S. electric vehicle sales  
are projected to double  
within the next 5 years.**

# EV sales continue to increase even with COVID, totaling ~1.8M EVs

## US Nationwide New EV Market Share March 2020 – Feb 2021

Nationwide avg new EV market share: 2.3%  
 Number of counties exceeding avg: 205  
 Number of states with counties exceeding avg: 36

Top 5 counties in CA and Top 15 counties outside CA	
Santa Clara, CA	17.8%
Marin, CA	17.4%
San Francisco, CA	15.3%
Alameda, CA	14.3%
Alpine, CA	14.3%
San Juan, WA	10.4%
Boulder, CO	10.4%
King, WA	8.4%
Hoonah-Angoon, AK	7.7%
Multnomah, OR	7.2%
Summit, UT	6.7%
Jefferson, WA	6.7%
Benton, OR	6.4%
Honolulu, HI	6.3%
Washington, DC	5.9%
Orange, NC	5.9%
Clackamas, OR	5.8%
Broomfield, CO	5.8%
Arlington, VA	5.5%
Summit, CO	5.4%



\*CO and WA will become ZEV states in 2023. MN, NM, and NV have announced that they intend to become ZEV states in the future.

# Planning Process

- 12 organizations represented in stakeholder group
- Consulting support from Partners in Energy
- 20 strategies in 5 categories:
  - Infrastructure
  - Policy
  - Light-Duty Fleets
  - Public Transit
  - Community Outreach



# Infrastructure

*Strategies in this category are designed to expand access to EV charging infrastructure across the community.*

## Key Actions for Frisco:

- Expand public charging and fleet charging infrastructure at town facilities
- Offer EV charging infrastructure incentives to residents, businesses and HOAs



Photo: Travis Rousseau



# Policy

*Strategies in this category are designed to increase access to EV charging through policy tools as well as ensure an easy charging experience across the county.*

## **Key Actions for Frisco:**

- Streamline EV charging permitting
- Require installation of EV charging infrastructure with major renovations of commercial and multifamily buildings

# Light-Duty Fleets

*Strategies in this category are designed to support municipal fleet managers through the EV transition.*

## **Key Actions for Frisco:**

- Develop a Vehicle Replacement Plan that considers Total Cost of Ownership
- Create an EV Feasibility Inventory to identify which vehicles are ideal for EV replacement

# Community Outreach

*Strategies in this category are designed to make residents more comfortable and confident driving EVs.*

## Key Actions for Frisco:

- Promote Frisco as an EV friendly destination
- Promote state, federal, Xcel Energy, and local EV rebates and incentives

# Equity

- Equity checklist for program design + implementation
- Incentives for expanded access to charging + e-bikes
- Focus on electric public transit
- Learnings from other communities



# Next Steps

- Adopt EV Readiness Plan
- Pursue funding for EV charging infrastructure projects at Frisco facilities
- Purchase a pilot light-duty EV
- Create EV codes and policies
- Continue participation in Transportation Working Group to support and promote community outreach events and other EV-related initiatives



“ Electricity is the thing. There are no whirring and grinding gears with their numerous levers to confuse. There is not that almost terrifying uncertain throb and whirr of the powerful combustion engine. There is no water-circulating system to get out of order – no dangerous and evil-smelling gasoline and no noise. ”

Thomas Edison, 1847 - 1931

# Thank you!

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