

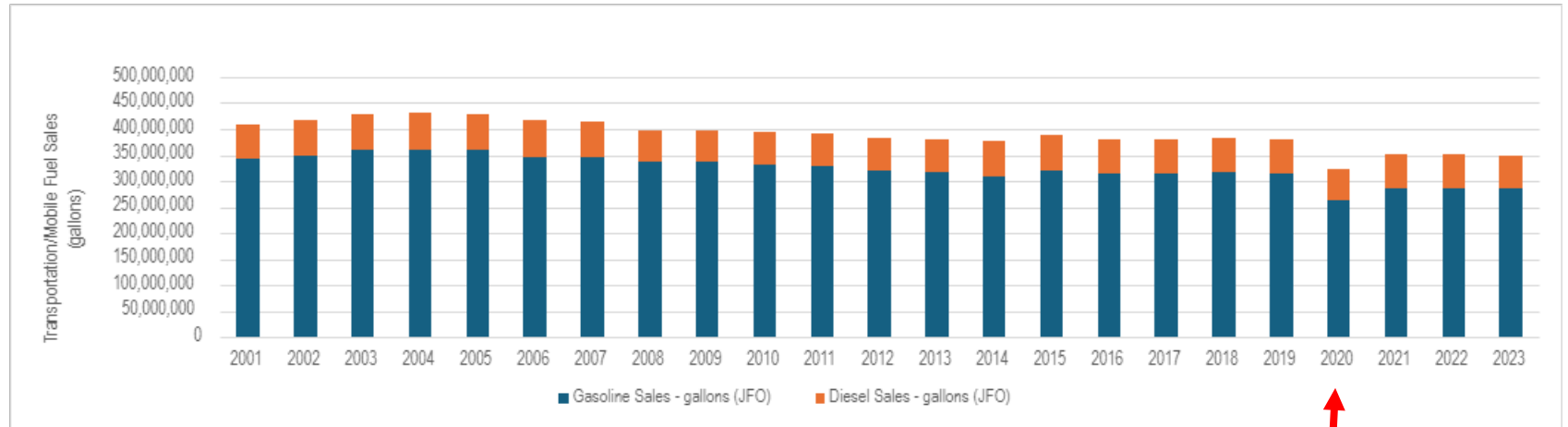


# Advanced Clean Car and Truck Rule Update

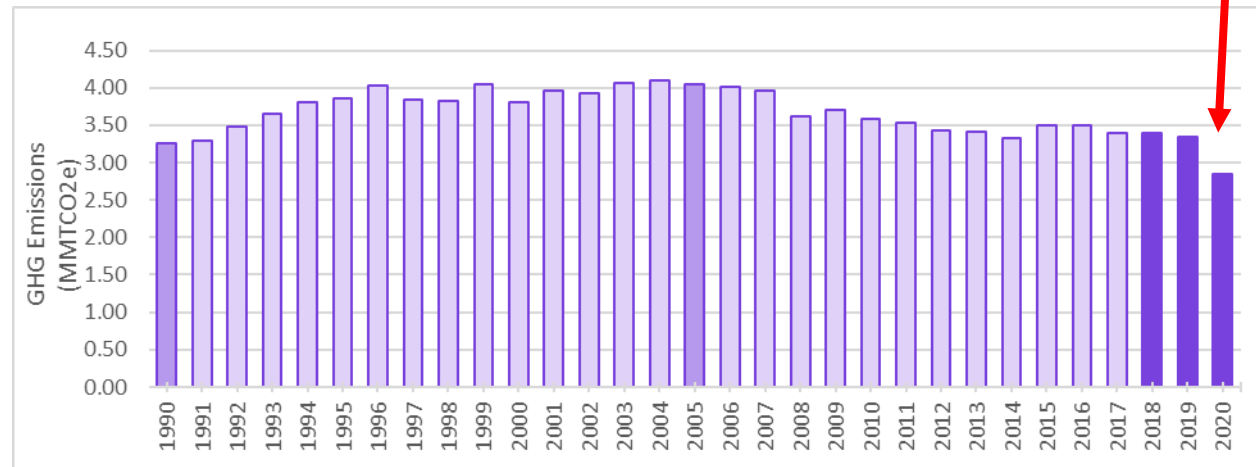
**Megan O'Toole, Climate Change Mitigation  
Program Manager**

**Agency of Natural Resources,  
Climate Action Office**

# Transport Emissions



Fuel sales in Vermont 2001-2023



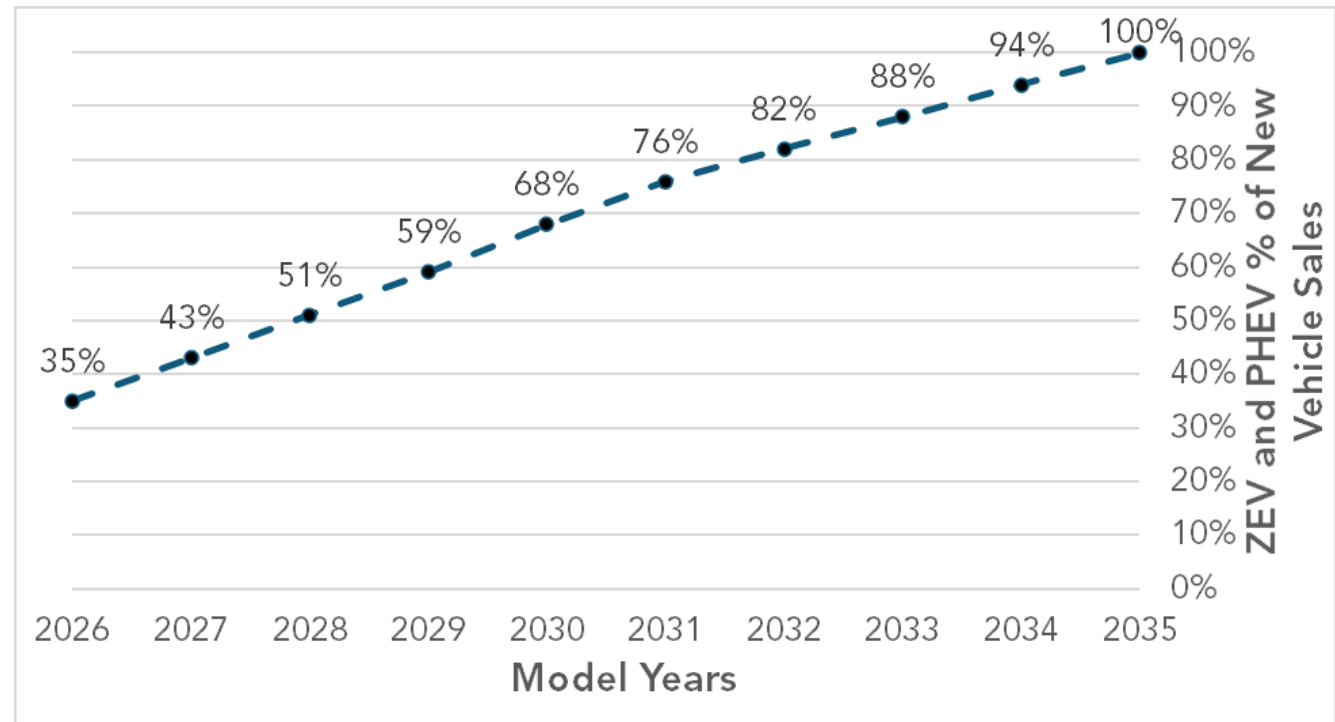
Inventoried transportation/mobile source emissions in VT 1990-2020

# Advanced Clean Car and Truck Rule Updates

Updates Vermont's Low and Zero Emission Vehicle Rules to require automakers to deliver more electric and cleaner emitting cars and trucks

Amended rules are in effect starting with **2026 Model Year**

To date, 13 states have adopted these rules, making up over 40% of market share nation-wide



New passenger and light-duty truck delivery requirements 2026-2035

# Medium- and Heavy-duty Truck Sales Requirements 2026-2035

Model Year	Class 2b-3	Class 4-8	Class 7-8 Tractors
2026	10%	13%	10%
2027	15%	20%	15%
2028	20%	30%	20%
2029	25%	40%	25%
2030	30%	50%	30%
2031	35%	55%	35%
2032	40%	60%	40%
2033	45%	65%	40%
2034	50%	70%	40%
2035+	55%	75%	40%

What will this look like in 2035?

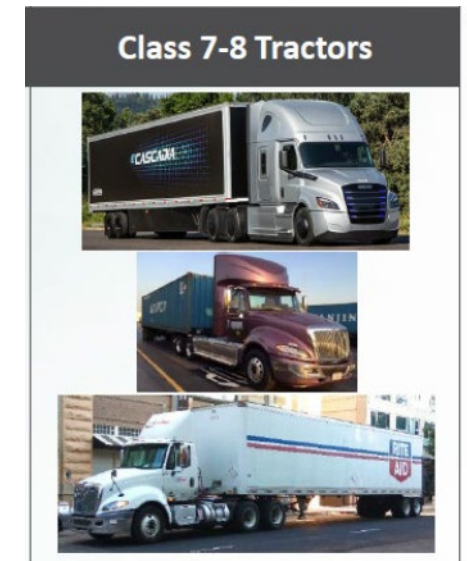
420 new vehicles sold



339 new vehicles sold

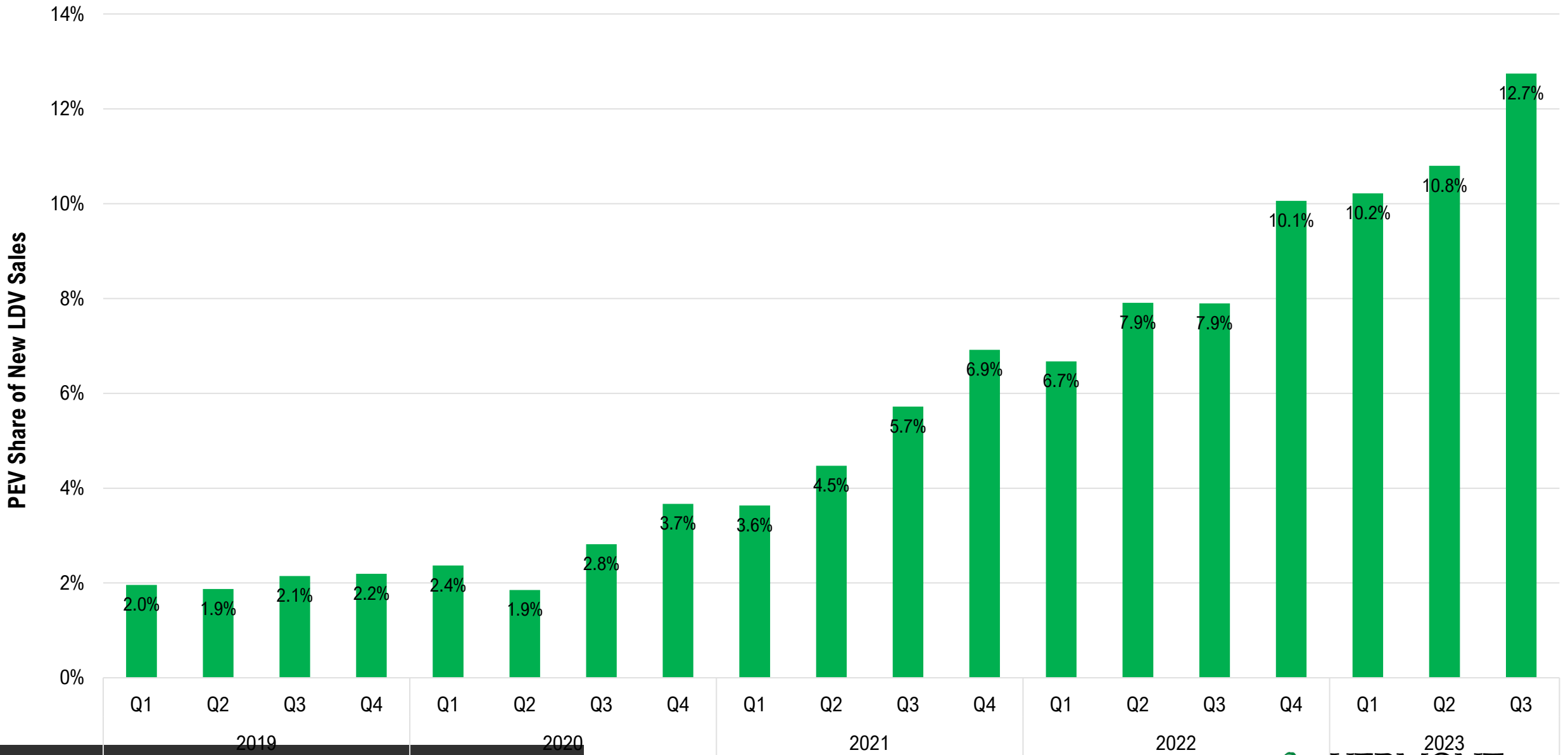


108 new vehicles sold



# Advanced Clean Car and Truck Rule Updates

# PEV Sales by Quarter in the Section 177 ZEV States Since 2019



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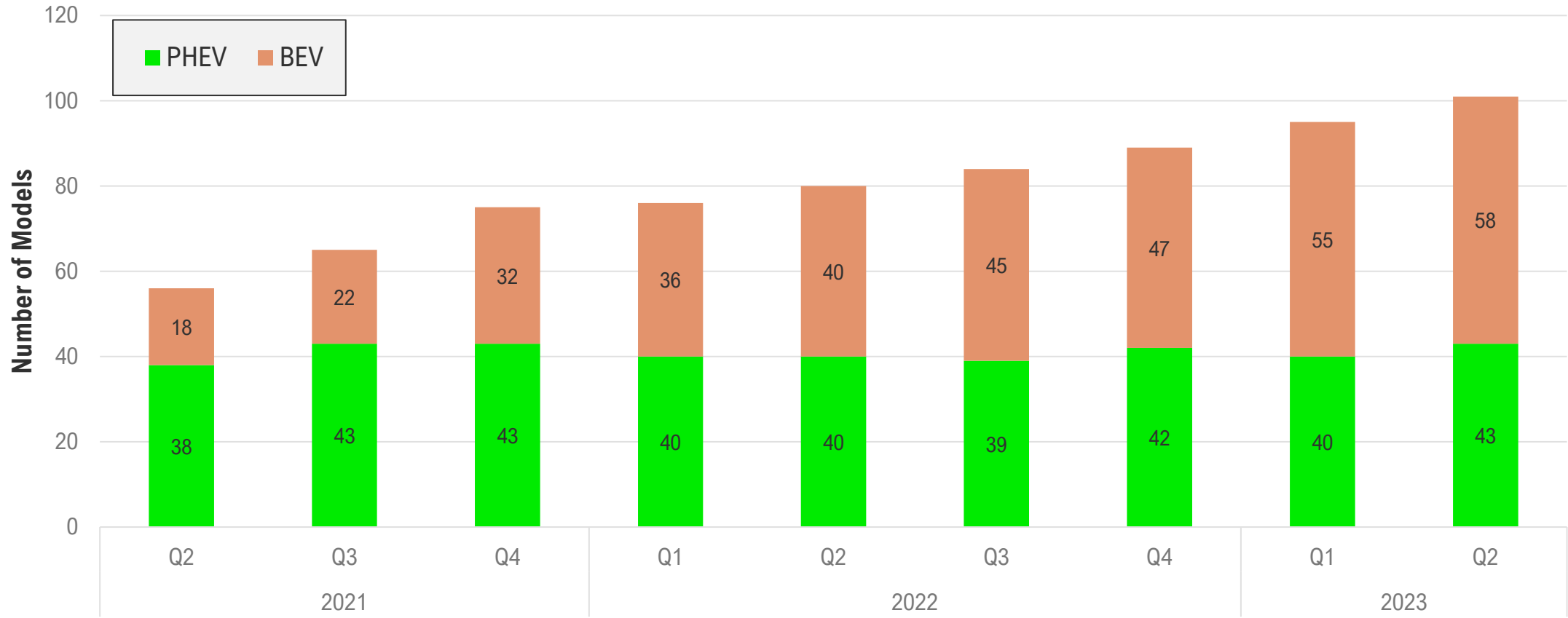
Section 177 ZEV States include: CO, CT, MA, MD, ME, MN, NJ, NM, NV, NY, OR, RI, VA, VT, WA

Source: IHS Markit / Polk via Atlas Public Policy's EV Hub



# Consumer Choice in BEVs Has Grown Rapidly in the Past 3 Years

PEV Model Availability by Quarter: 2021 Q1 to 2023 Q2



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Source: Alliance for Automotive Innovation, Get Connected: Electric Vehicle Quarterly Reports (2021 Q2 to 2023 Q2),

<https://www.autosinnovate.org/search?issue=132>.

# EV Pricing Updates

## New EVs

2024 Chevy Equinox BEV (319-mile range) – \$34,995 (~ + \$5,000)

2024 Fisker Ocean BEV (231-mile range) – \$38,999 ( + \$1,500)

2024 Hyundai Ioniq 6 (240-mile range) – \$38,615 ( - \$4,100)

2023 Tesla Model 3 (272-mile range) – \$38,990 ( - \$1,250)

2023 Tesla Model Y (260-mile range) – \$43,990 ( - \$2,000)

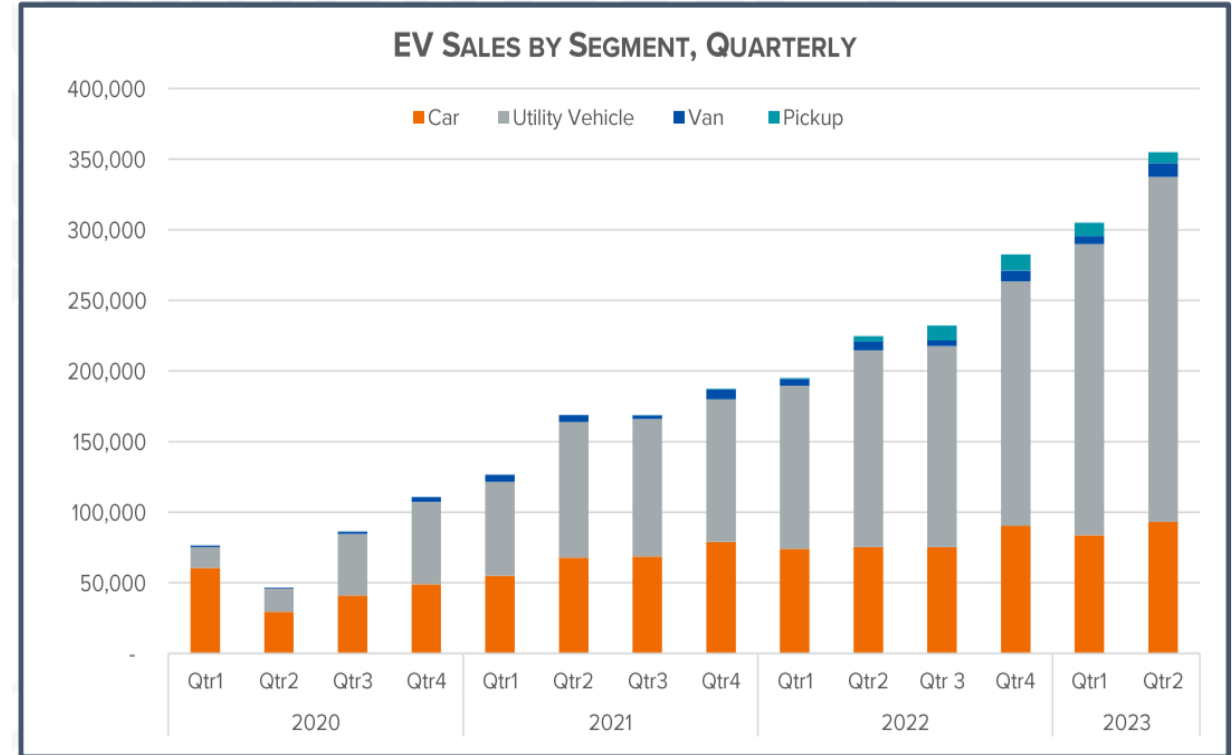
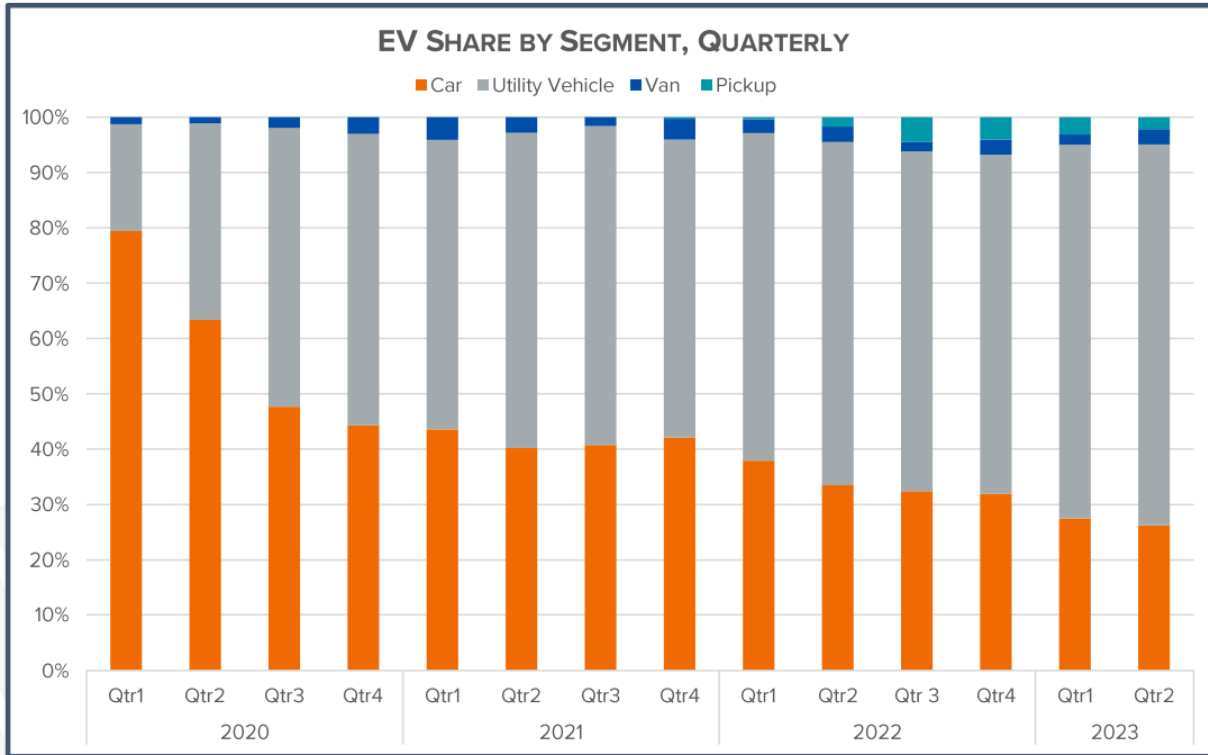
## Used EV prices down 19.5% over the past 11 months

Average used EV price is \$27,800

- Tesla Model 3s have dropped by \$9,000 since 2021
- Chevy Bolts have dropped by \$1,500 since 2021

**Average MSRP of new Cross-over Utility Vehicle  
in 2023 was \$48,818**

# National EV Sales Shares by Vehicle Segment





# Thank you

Email: [Megan.Otoole@vermont.gov](mailto:Megan.Otoole@vermont.gov)

For more information, please go to our website: <https://climatechange.vermont.gov>