

The Future of Electric and Zero-Emission Vehicles and Funding

House Committee on Climate, Energy
and Environment
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Forth: Who We Are



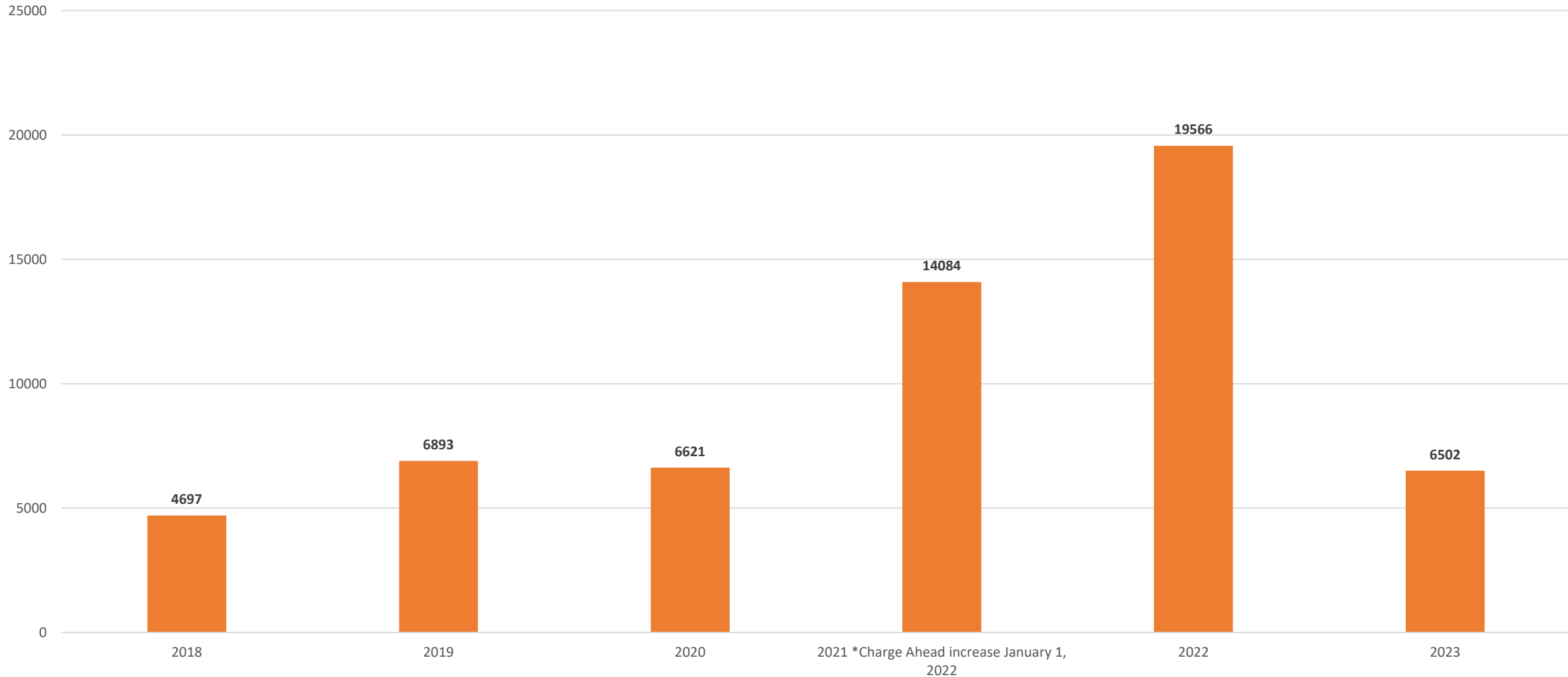
Forth's mission is to electrify transportation by bringing people together to create solutions that reduce pollution and barriers to access.

Forth is committed to building diversity, equity, and inclusion into all aspects of our work. To succeed in advancing smart transportation, we must also succeed in advancing equity.



EV Car Registrations

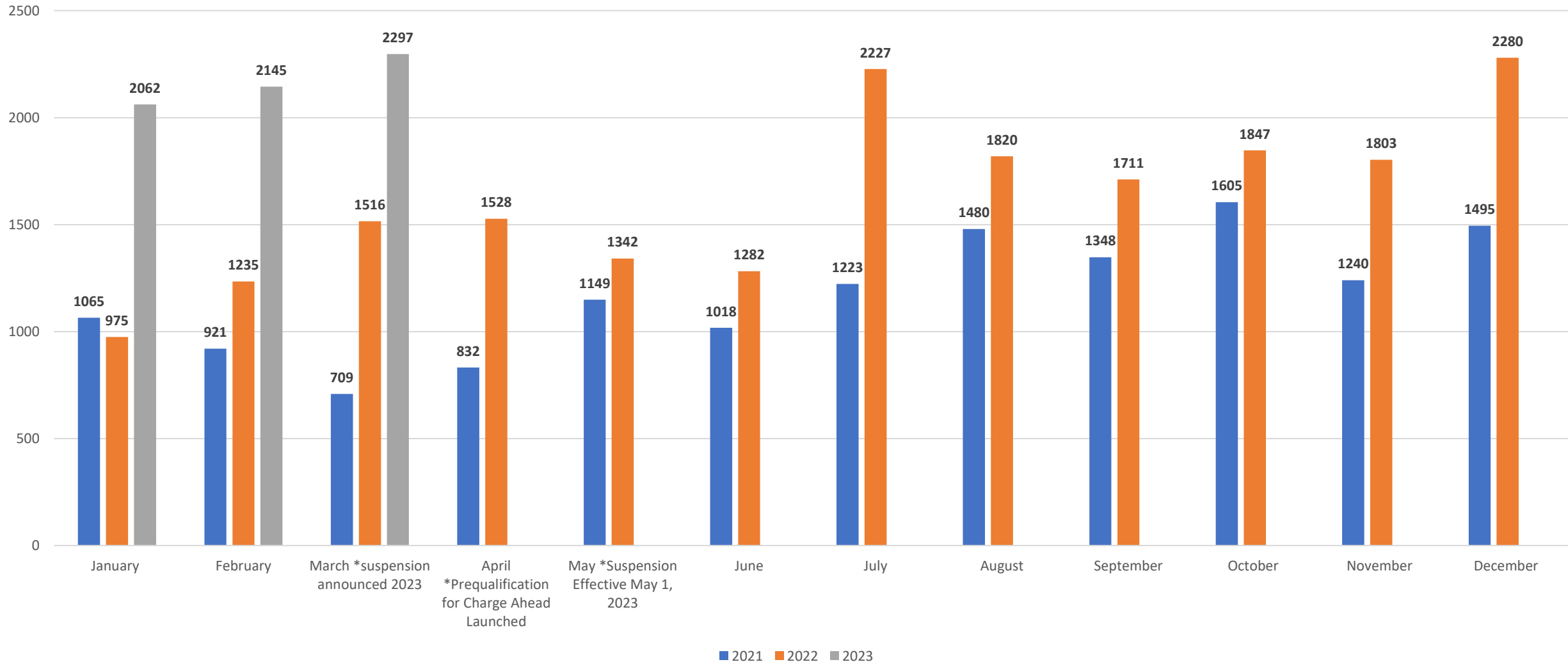
Original EV By Year Registrations



■ Total Original Registrations

EV Car Registrations

Original EV By Month Registrations



State EV Adoption Goals

SB 1044 (2019) set key ZEV goals for Oregon :

- By 2020, 50,000 registered motor vehicles will be zero-emission vehicles;
 - Reached in April 2022 - two years behind
- By 2025, at least 250,000 registered motor vehicles will be zero-emission vehicles;
 - 67,000 registered ZEVs on Oregon Roads as of March 2023
- By 2030, at least 25% of registered motor vehicles and at least 50% of new motor vehicles sold annually will be zero-emission vehicles; and
- By 2035, at least 90% of new motor vehicles sold annually will be zero-emission vehicle

To be on time for 2025, Oregon needs to see 183,000 new ZEVs registered
EVs and PHEVs only make up 2.0% of the overall state fleet (ODOT, June 2023)

Oregon Clean Vehicle Rebate



Established in 2017 as part of HB 2017 (2017) and was designed by the Oregon Legislature to encourage higher adoption of ZEVs, reducing air pollution and advancing progress toward the state's greenhouse gas reduction goals.

Standard Rebate	Charge Ahead Rebate
Up to \$2,500 on new vehicles with a MSRP \$50,000	Up to \$5,000 for qualified individuals towards the purchase of a new or used vehicle with an MSRP under \$50,000

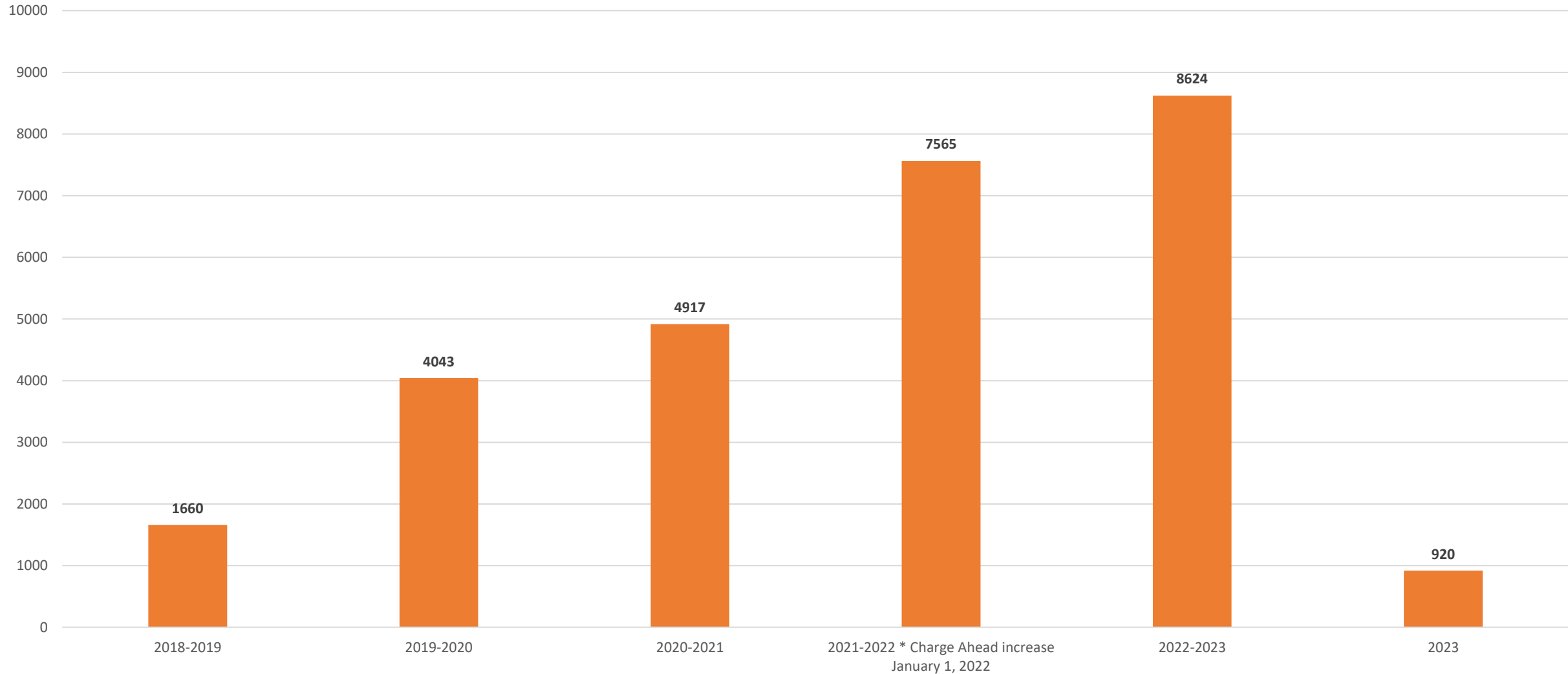
HB 2165 (2021) - increased the Charge Ahead Rebate amount from \$2,500 to \$5,000 and made the program permanent.

OCVRP has been in suspension since May 1, 2023

Rebate Statistics

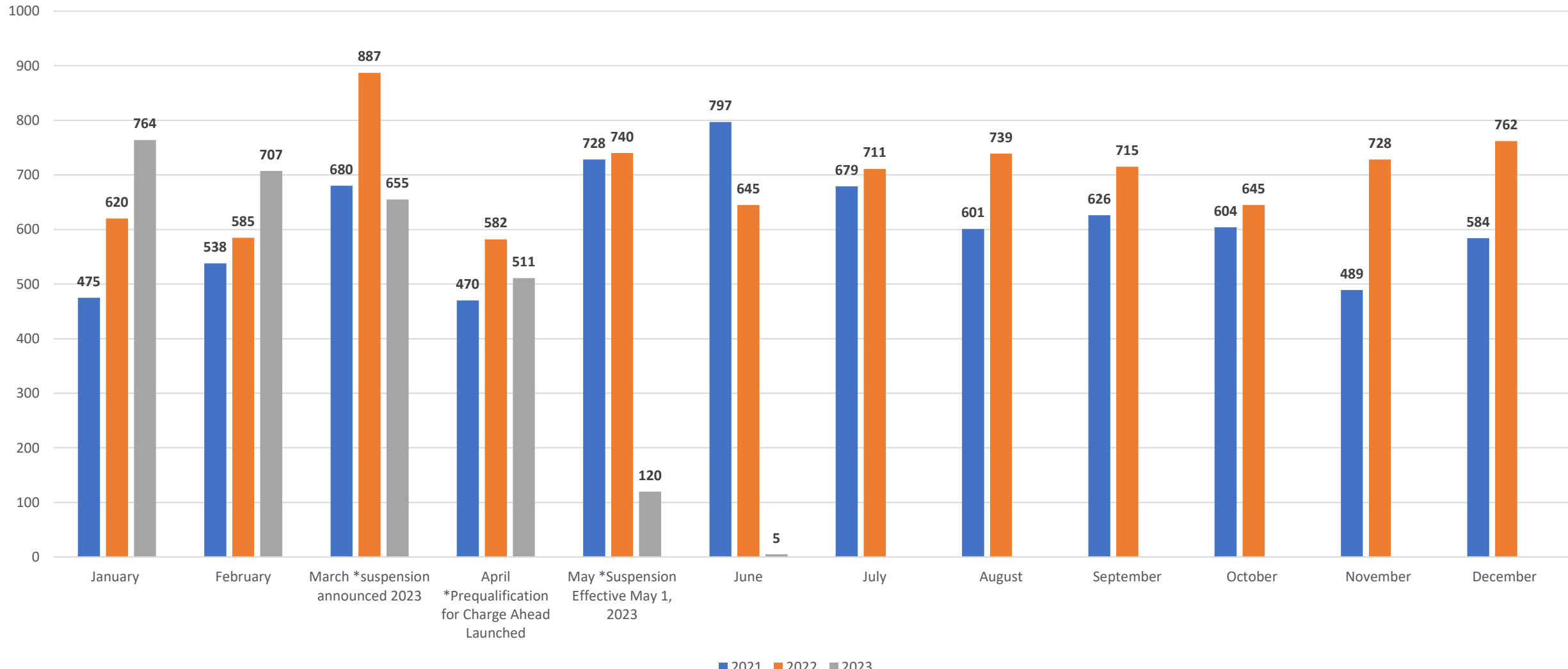


Yearly Rebate Statistics



Rebate Statistics

Month Comparisons of Rebates



Summary and Recommendations



- To meet the 2025 ZEV goal of 250,000 registered ZEVs on the road, Oregon must register over 180,000 new ZEVs in the next two years!
- Oregon should continue to make robust investments in accelerating the adoption of zero emissions vehicles, such as the Oregon Clean Vehicle Rebate program and Community Charging Rebate Program.
- Oregon is a leader in ZEV Policies and Programs - OCVRP, NEVI, Community Charging Rebates, Medium and Heavy-Duty Rebates, etc. - but we need all hands-on deck.
- It is imperative that Oregon meet the SB 1044 targets! To do so, the State must continue supporting existing ZEV programs, we just need a clearer path forward!
- Inventory of existing ZEV programs that is informed by expert data analysis and modeling to inform the pathway to meet State ZEV adoption goals.



zero Emission

Questions?

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