
Clean Transportation Incentive Programs Update

SENATE COMMITTEE ON TRANSPORTATION, JANUARY 28, 2025

ANDREA WRIGHT, ENVIRONMENTAL PROGRAMS MANAGER, AGENCY OF TRANSPORTATION

PATRICK Ó. MURPHY, STATE POLICY DIRECTOR, AGENCY OF TRANSPORTATION

CAP – Pathway I – Vehicle Electrification

- 1) **Technology Forcing ZEV Regulation (100% by 2035)**
- 2) **EV Purchase Incentives**
 - a) New & used EVs and electric bicycles, designed for equity
 - b) Expand to fleets
 - c) Continue MileageSmart and Replace Your Ride
 - d) Vehicle Efficiency Purchase and Use Tax Adjustment
- 3) **EV Charging Investment**
 - a) Continue support for DCFC and Level 2
 - b) Public, workplace and multifamily priorities
 - c) Direct the PUC to consider EV charging rates
- 4) **Transportation Climate Initiative (TCI)**
- 5) **EV and VMT Reduction Outreach and Education**

Electrify **27,000**
vehicles by 2025

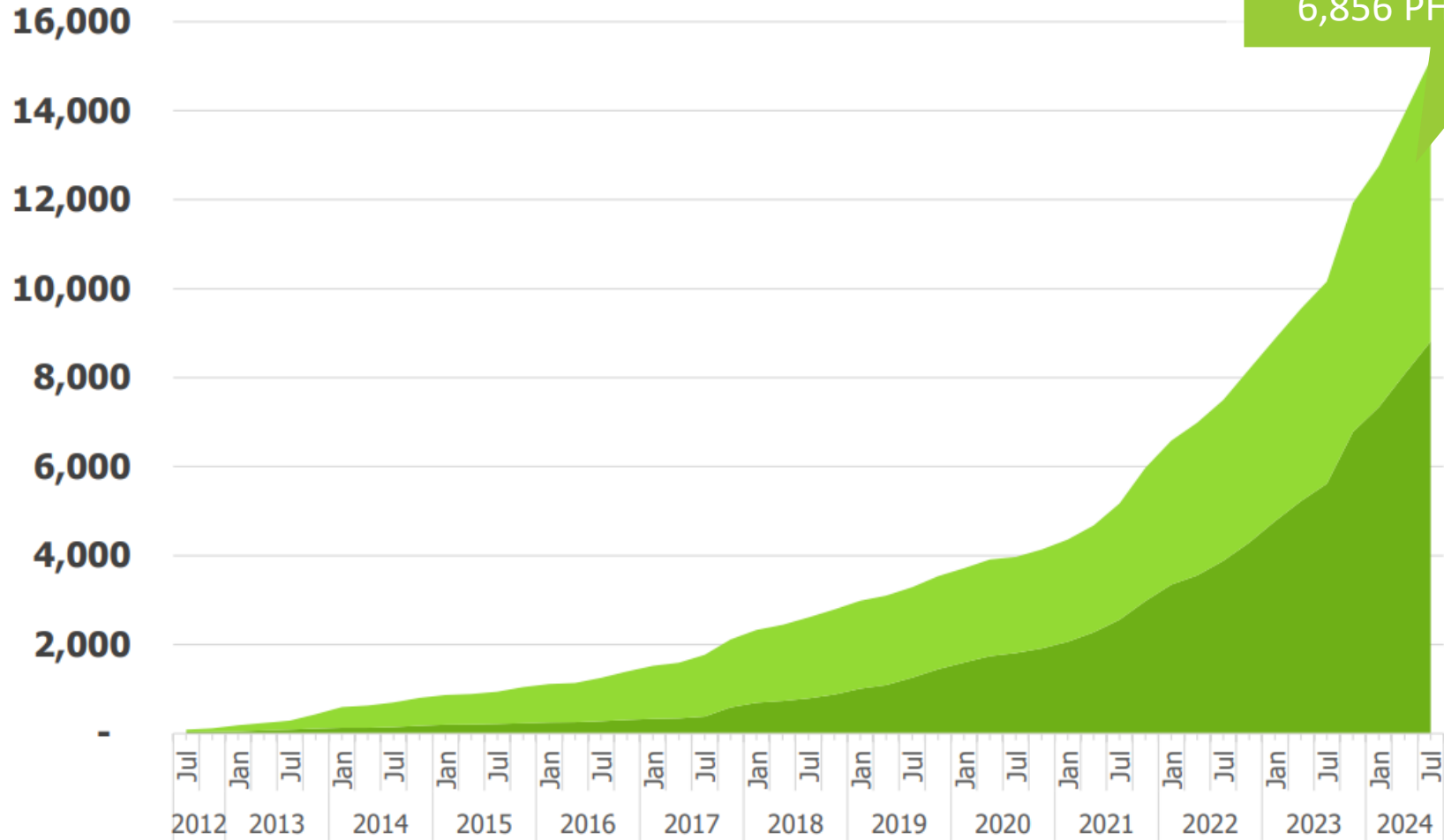
126,000 by 2030

INITIAL VERMONT CLIMATE
ACTION PLAN

Vermont Climate Council
DECEMBER 2021

Vermont Electric Vehicle Registrations

■ All-Electric Vehicles ■ Plug-in Hybrid Electric Vehicles



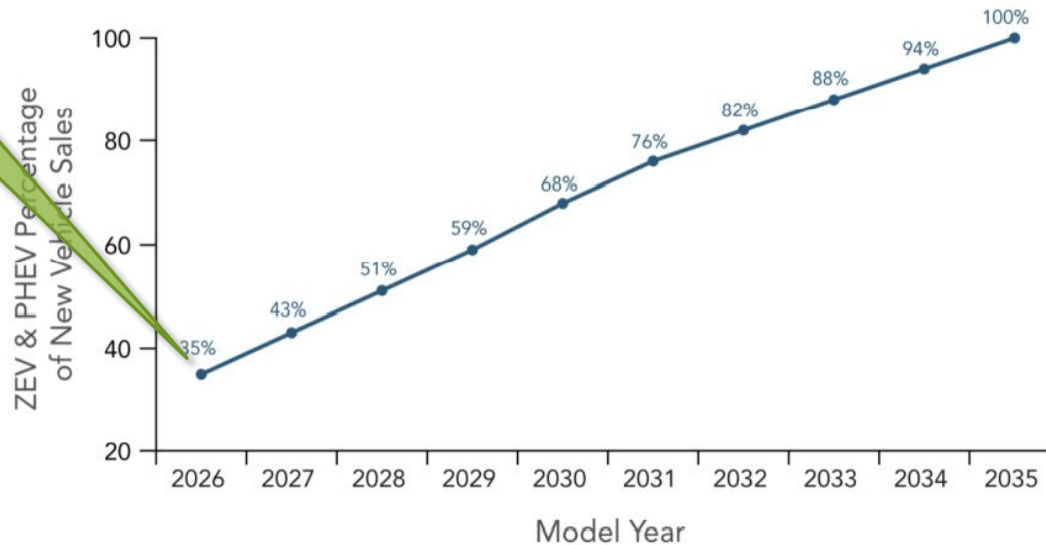
16,731 Total*
9,875 BEVs
6,856 PHEVs

*As of October 6, 2024

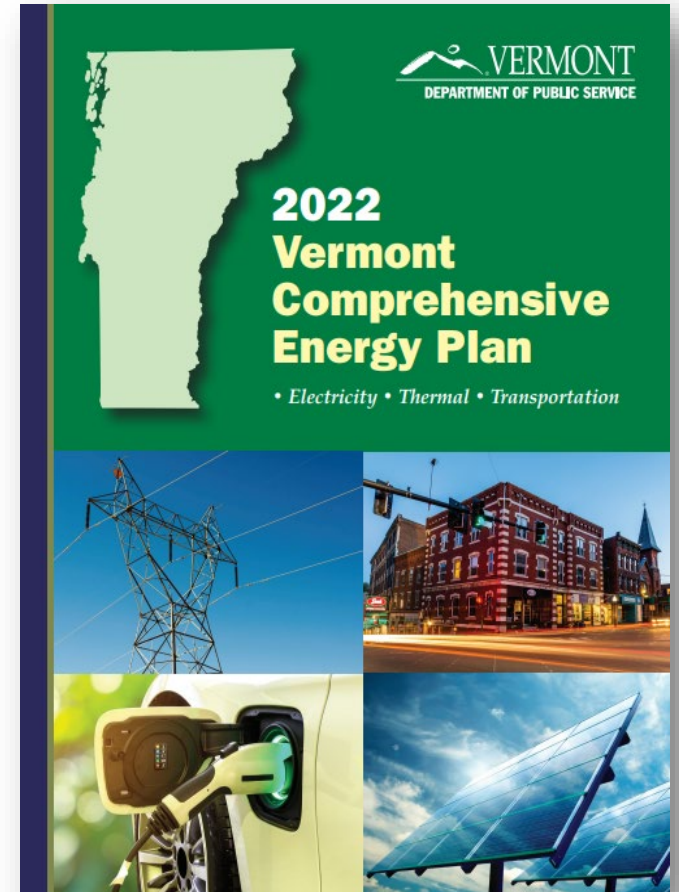
EV Adoption in Vermont

Vermont's Low and Zero Vehicle Regulation

The new regulation accelerates requirements that automakers deliver an increasing number of zero-emission light-duty vehicles each year beginning in model year 2026. Sales of new ZEVs and PHEVs will start with 35% that year, build to 68% in 2030, and reach 100% in 2035.



35% of new vehicle sales by 2026



Where Vermont Ranks in Nation

- 1st in Charging ports per capita
- 1st in demonstrated interest in going electric
- 9th in BEV registrations per capita

Final Rank	State	EV Registrations (2023) Per 100,000 People	Rank	Charging Outlets (2024) Per 100,000 People	Rank	Charging Stations (2024) Per 100,000 People	Rank	Average Monthly Search Volume Per 100,000 People	Rank	Index - Overall (/100)
1	California	3,225	1	145.67	2	44.95	3	698.59	2	90.66
2	Vermont	1,207	9	186.27	1	69.97	1	843.57	1	85.91
3	Washington	1,947	2	85.23	10	31.41	9	674.12	3	75.48
4	Colorado	1,533	4	103.19	5	41.31	4	588.94	4	72.49
5	Oregon	1,520	5	87.57	7	34.87	7	567.63	6	69.15
6	Massachusetts	1,054	13	123.85	3	49.66	2	500.21	10	66.46
7	Maryland	1,167	11	86.16	8	29.29	10	513.37	7	63.92
8	Connecticut	872	15	109.51	4	37.10	6	444.37	16	61.29
9	Nevada	1,483	6	80.62	12	20.41	18	587.26	5	60.31
10	Utah	1,170	10	78.41	13	27.80	11	429.47	18	59.88

Table: States most likely to go EV-exclusive

credit <https://tires-easy.com>

Clean Transportation Incentive Programs

- Incentive Program for New Plug-in Electric Vehicles (PEVs)
- MileageSmart (Used EVs/PHEVs/hybrids)
- Replace Your Ride (New or used PEVs, e-bikes, bikes, and shared mobility services)
- eBike Incentive Program
- Electrify Your Fleet Program



New Plug-In Electric Vehicle (PEV) Incentive Program

\$17.1 million authorized
\$210,000 repurposed



MileageSmart (Used High Efficiency Vehicle Incentive)

\$6.6 million authorized
\$1.4 million added from RYR



Replace Your Ride

\$4.5 million authorized
\$3.245 million repurposed



eBike Incentive Program

\$325,000 authorized



Electrify Your Fleet

\$500,000 authorized

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Vehicle Incentive Programs in 2024

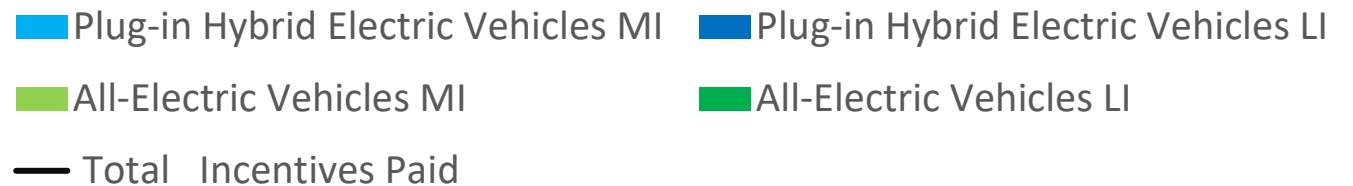
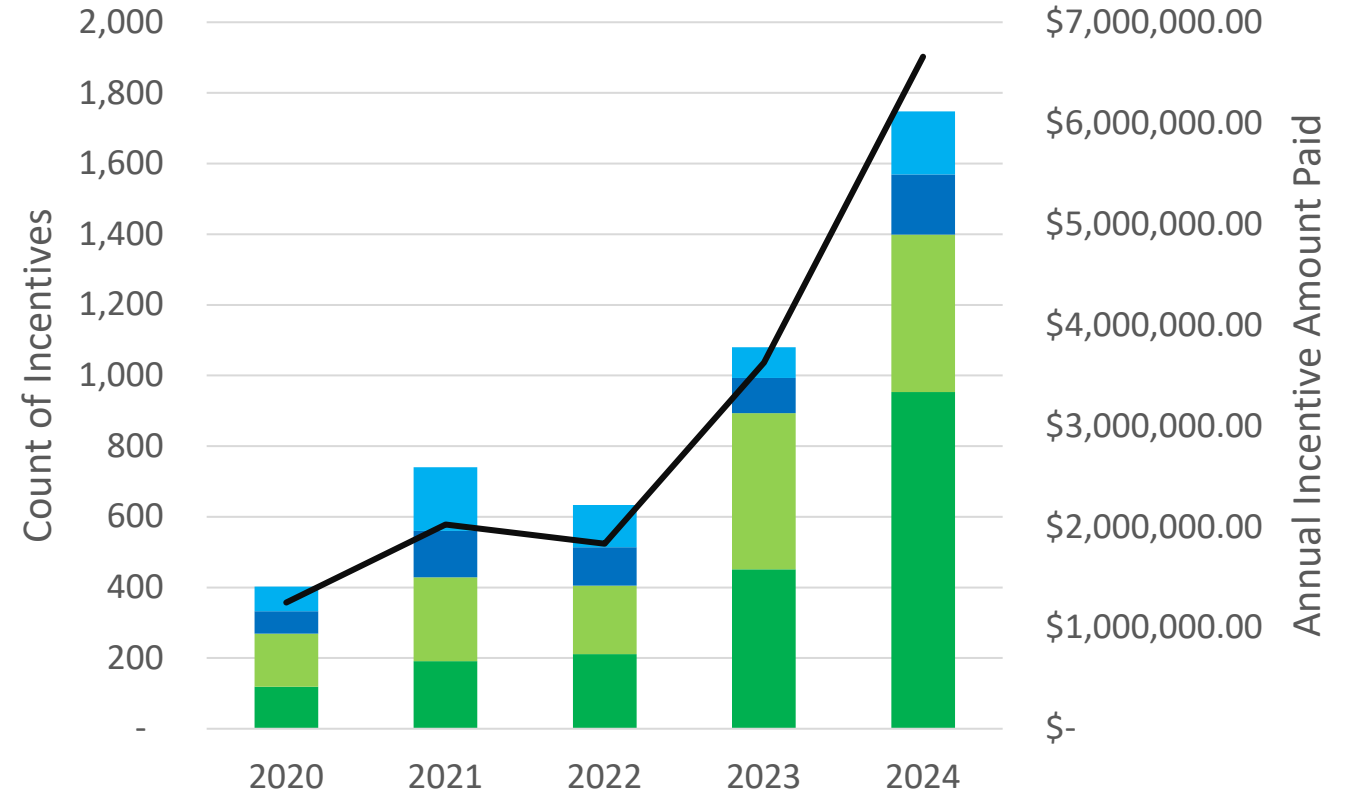
- Incentive Program for New PEVs:
 - Up to \$5,000 for Battery-electric vehicles (BEVs) for households with lower incomes
 - Base MSRP cap of eligible vehicles to \$52,500
- MileageSmart:
 - Up to \$5,000 for BEVs or PHEVs for households eligible for SNAP; up to \$2,500 for conventional hybrids or for households under 80% AMI
 - Price cap of \$40,000 for used vehicles
 - Worked with Capstone on more affordability for households with lower incomes regardless of vehicle price
- Replace Your Ride:
 - Up to \$5,000 for households with low incomes and \$2,500 for moderate incomes
- eBike Incentive Program
 - Relaunched program using voucher system exclusively for households with low incomes
 - Increased incentives for e-cargo bikes and adaptive e-bikes (\$800)
- Electrify Your Fleet Program
 - Designed and launched grant program providing up to \$2,500 to replace or avoid gas fleet vehicles with range of cleaner options

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Incentive Program for New PEVs

Annual New PEV Incentives

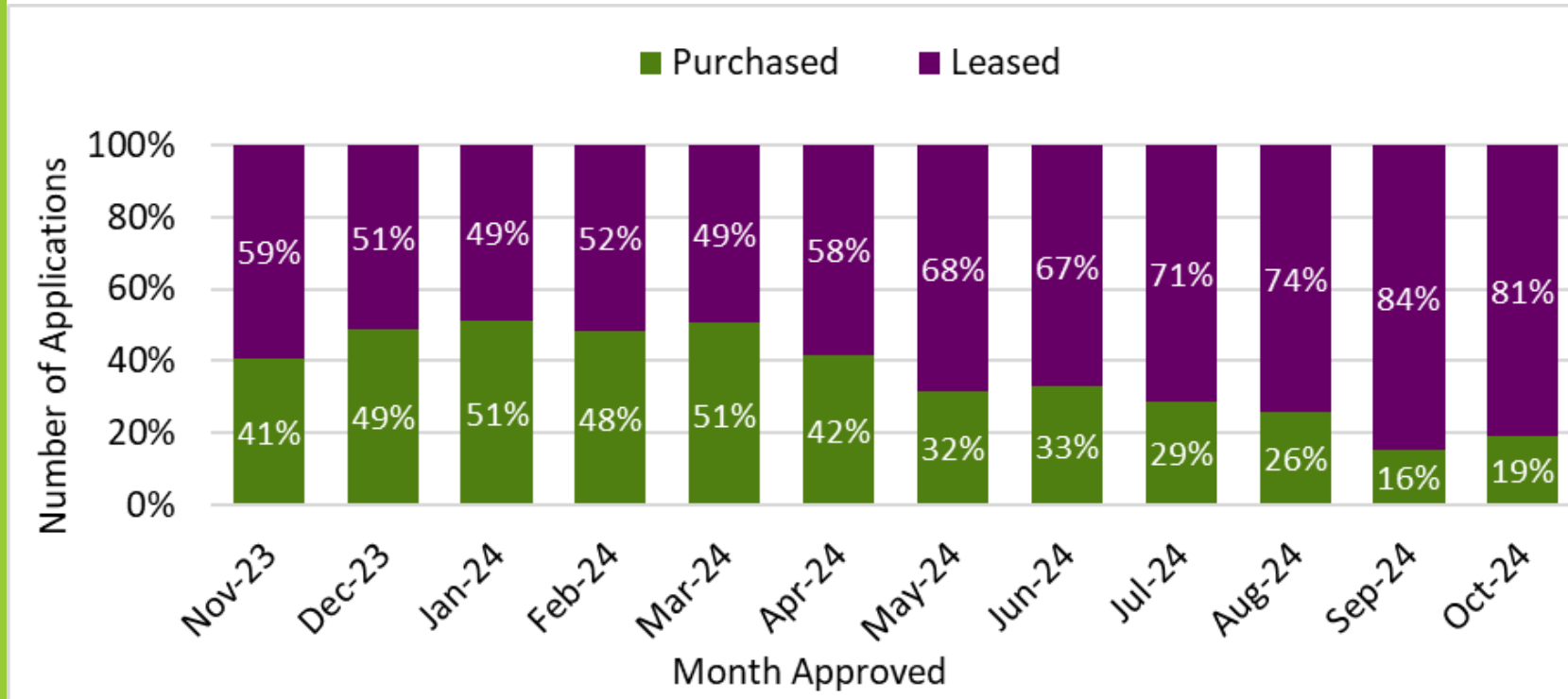


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Incentive Program for New PEVs

Increase in Lease Agreements Incentivized

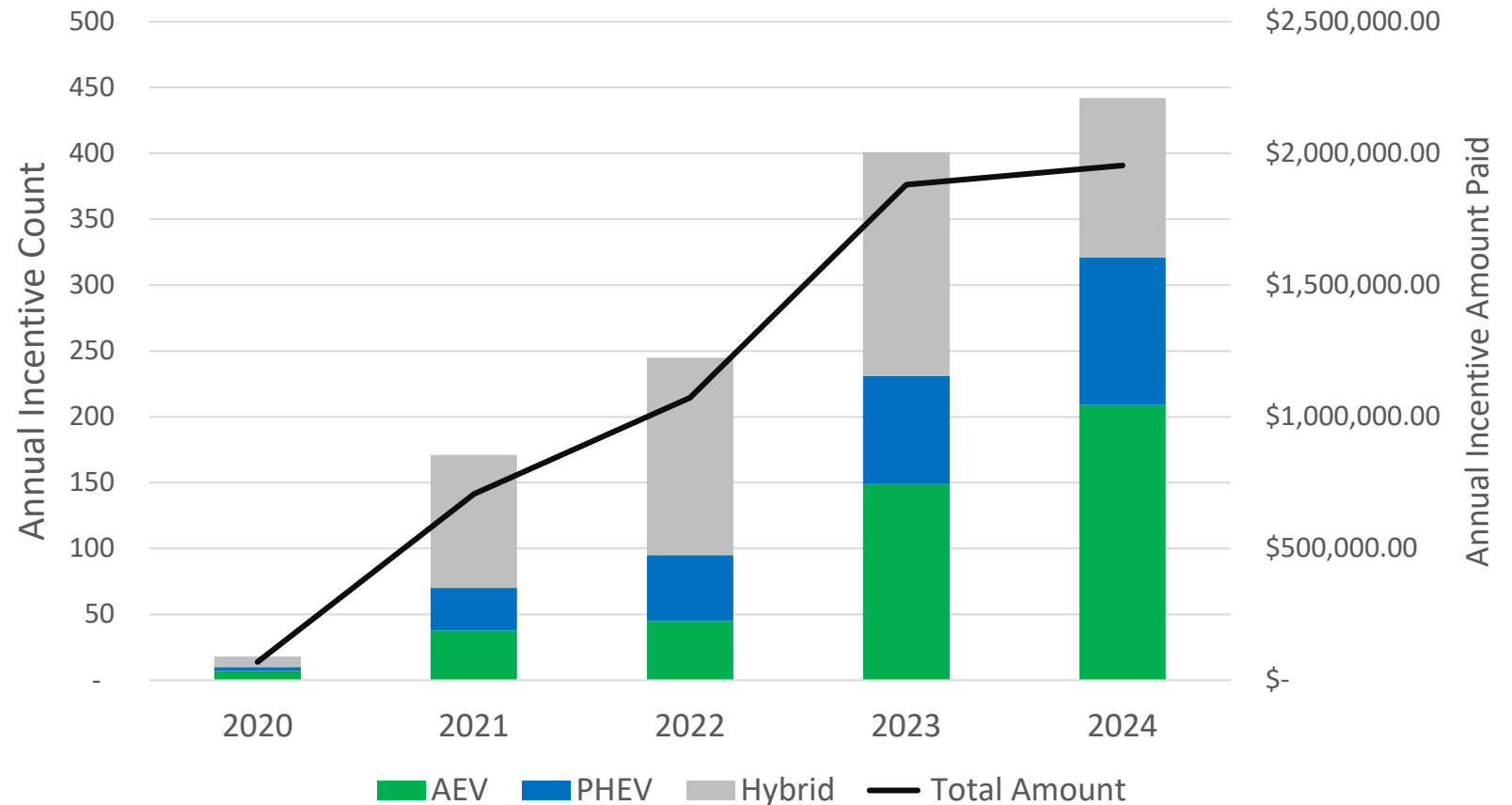


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MileageSmart Annual Count and Amount

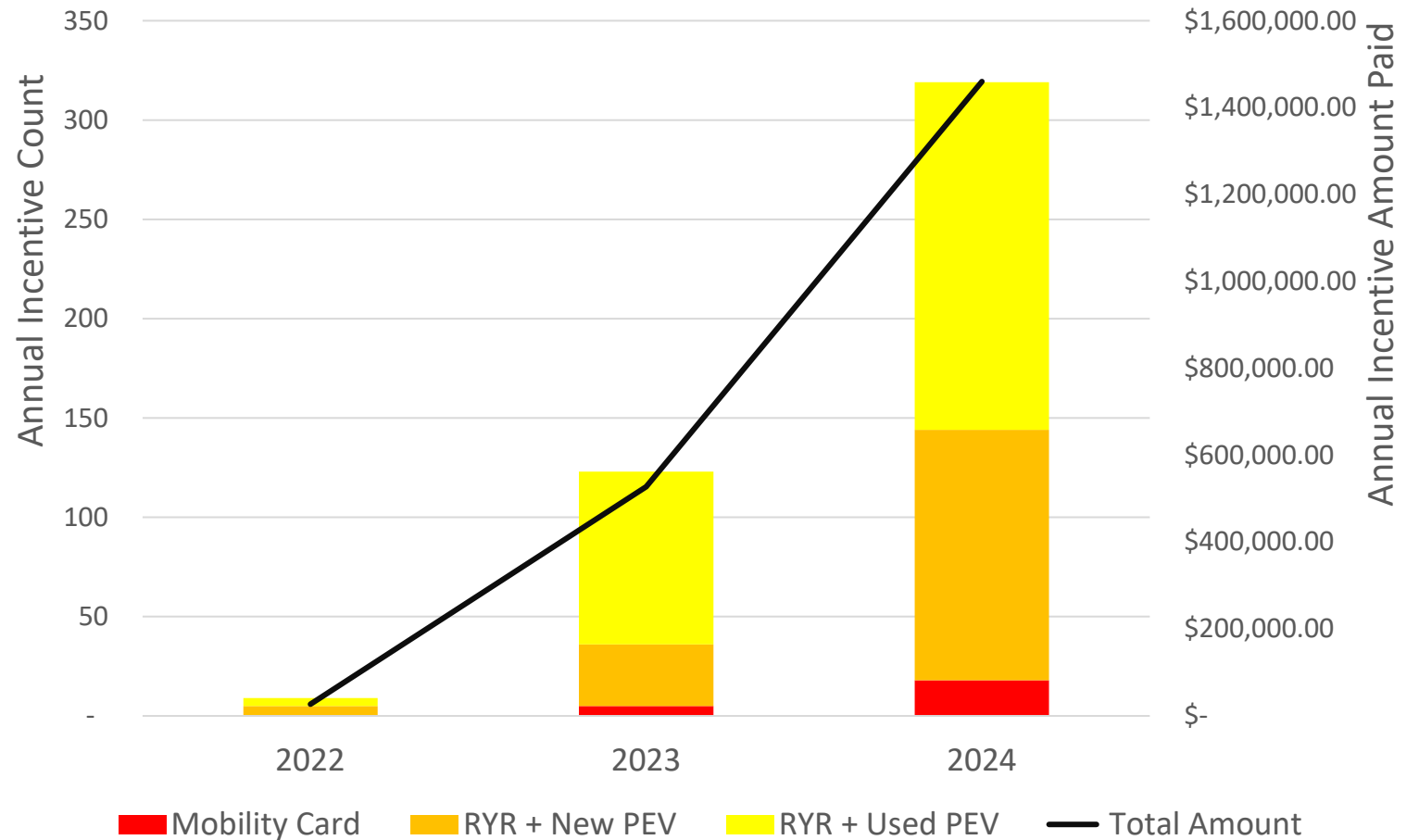


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Replace Your Ride Program

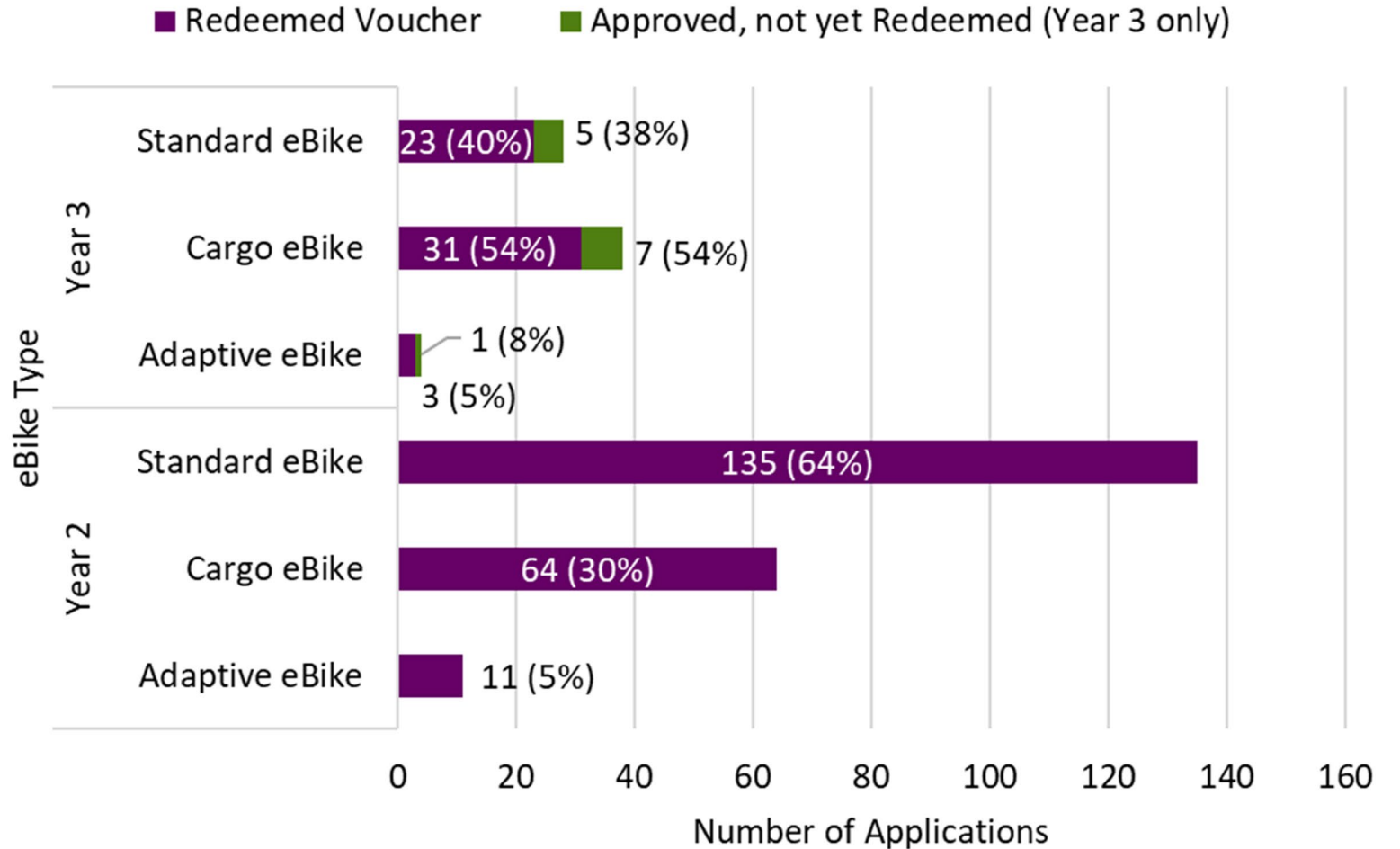
Replace Your Ride Annual Count and Amount



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eBike Incentive Program



Clean Transportation Incentive Programs

Electrify Your Fleet Incentive Program

\$500k authorized

\$121k to 49 vehicles

Intended to pair with
IRA commercial clean
vehicle tax credit



Open to all
businesses,
nonprofit
organizations and
municipalities in
the State of
Vermont



From \$2,500 to
\$5,000 off the cost
of a new electric
vehicle (Battery
Electric trucks or
cars, Plug-in
hybrids, electric
motorcycles, e-
bikes, or electric
snowmobiles)



Grantee to
demonstrate how
lease(s) or
purchase(s) will
reduce
greenhouse gas
emissions from
fleet



Forty percent
(40%) of funds
available on a first-
come, first-served
basis to applicants
who are from, or
who primarily
serve, historically
underserved
communities



For more info:
[Electrify Your Fleet
Program | Agency
of Transportation
\(vermont.gov\)](https://www.vermont.gov/transportation/electrify-your-fleet)

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