

The Road Ahead

MEADOWHILL
MEDIA

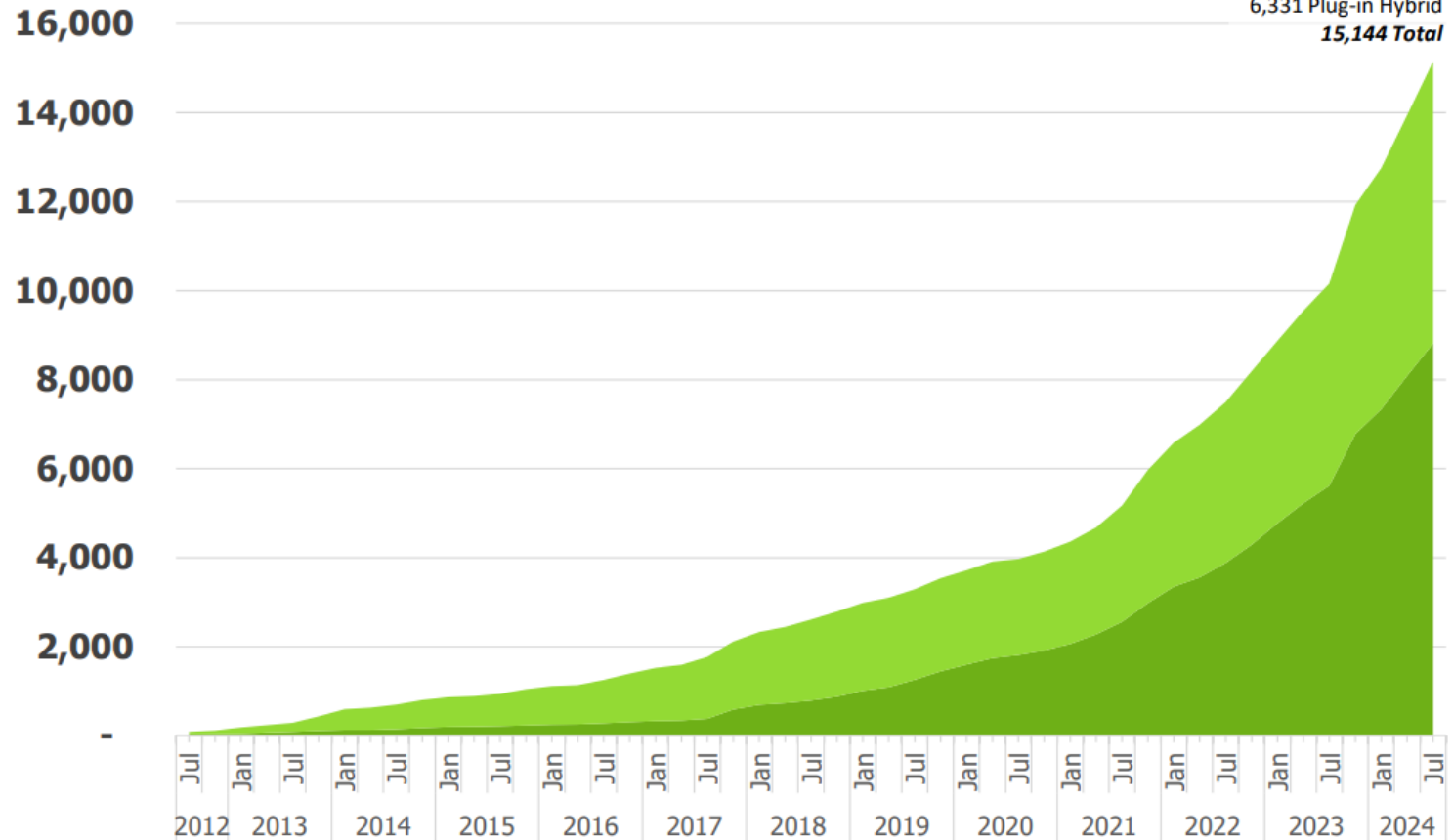




Vermont Electric Vehicle Registrations

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

As of July 2024
8,813 All-Electric
6,331 Plug-in Hybrid
15,144 Total



*Over \$20 million
invested in 5,500
State incentives
since 2020,
distributed by over
120 local
dealerships*

Total Light Duty Vehicles Registered in Vermont

450,000

300,000

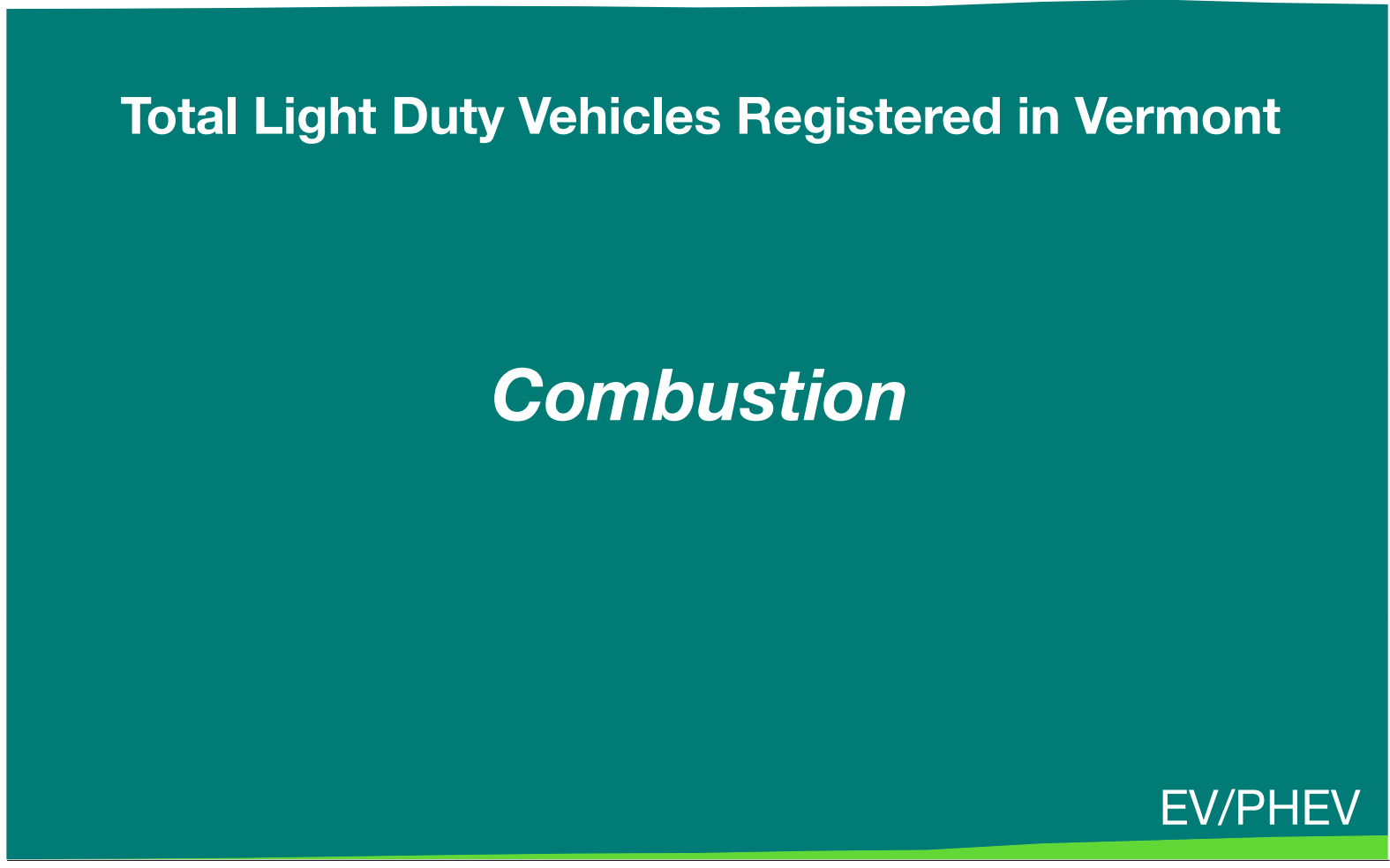
150,000

0

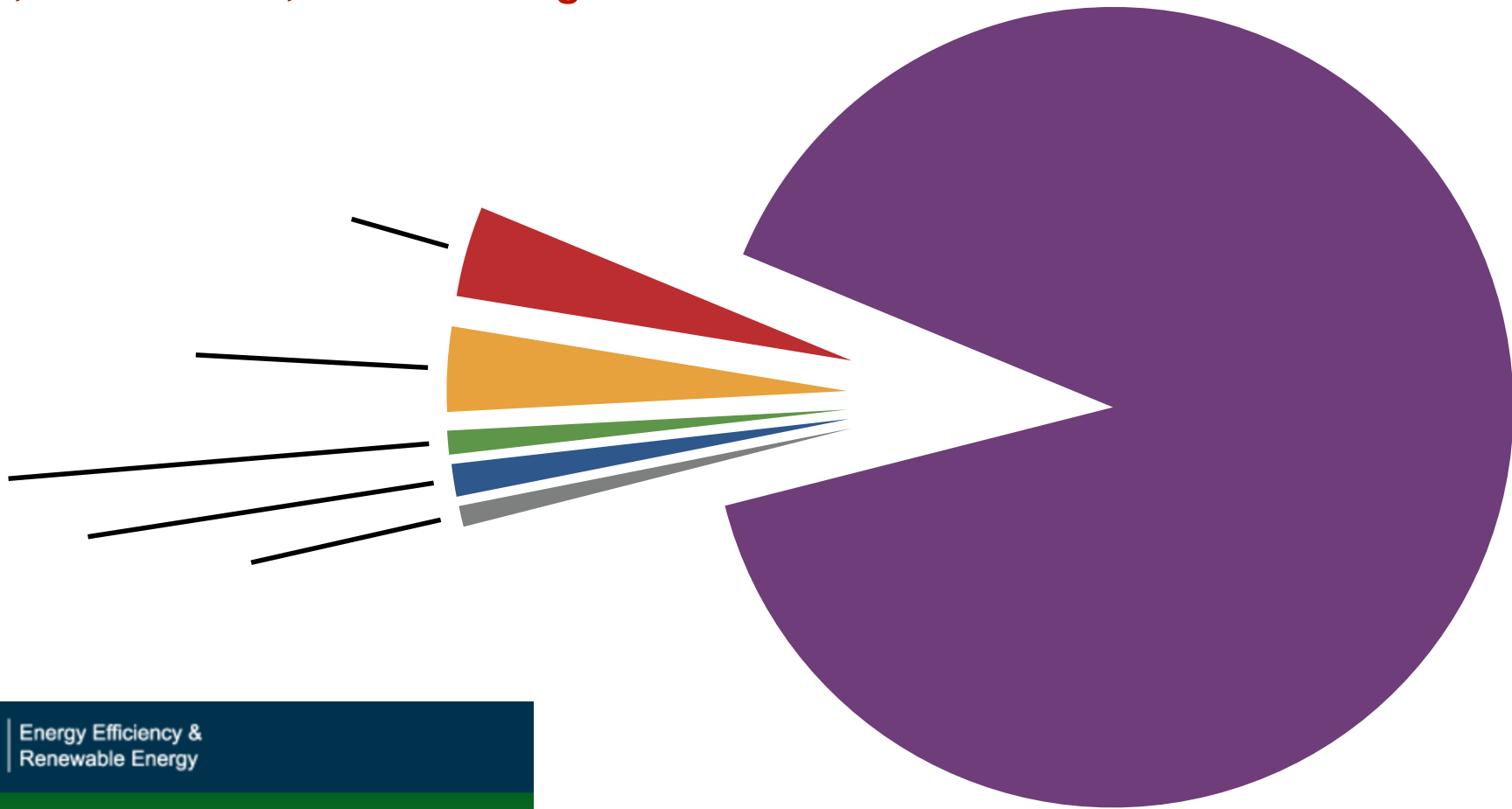
Combustion

EV/PHEV

2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024



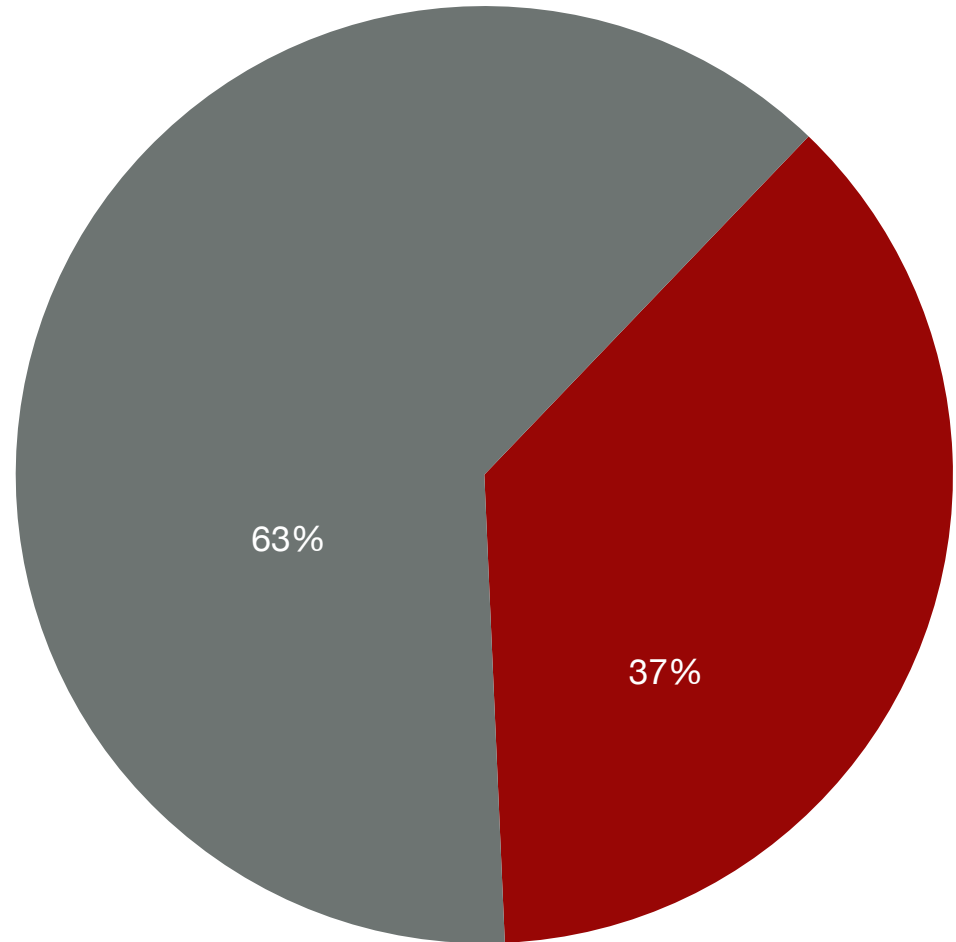
Light Duty Vehicle Registration Counts by Fuel Type
Vermont, 2023 — 593,100 Total Registrations



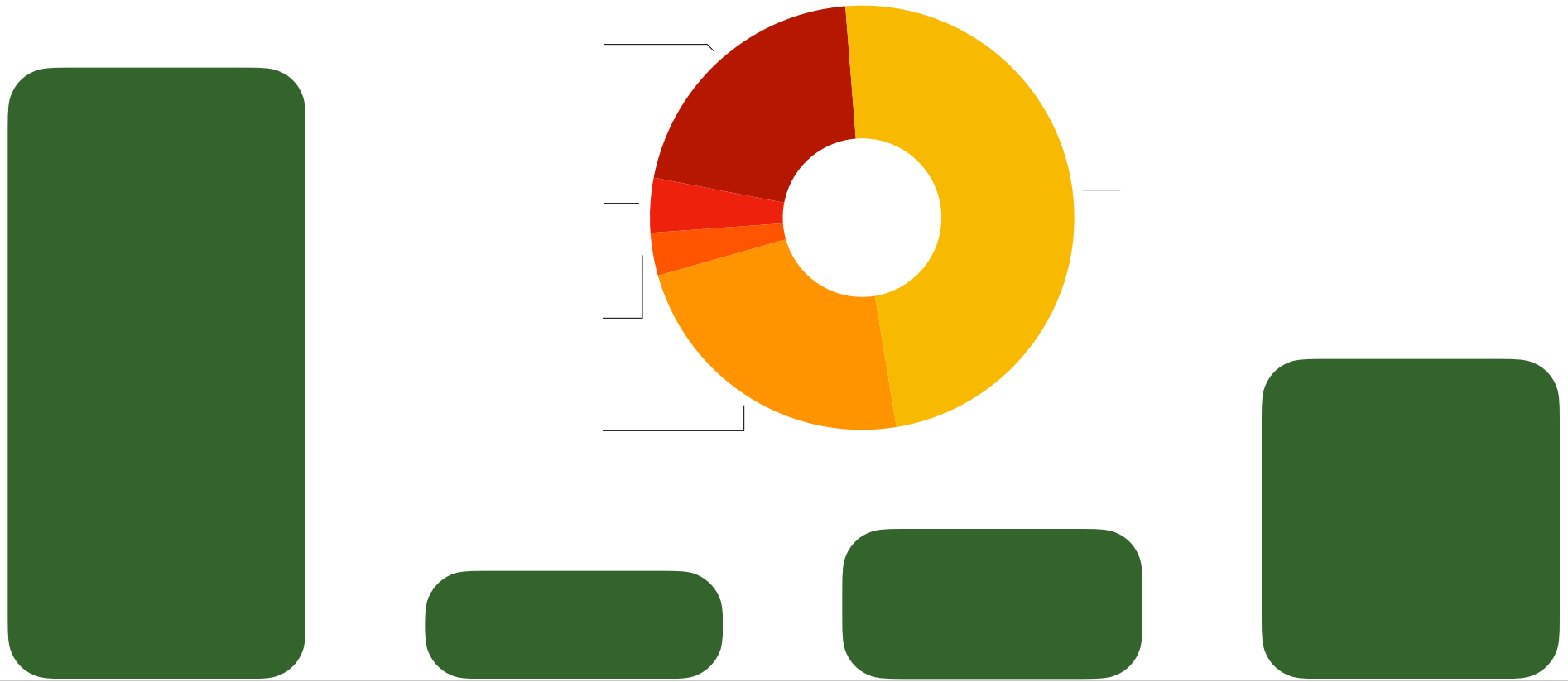
New and Used Vehicles Registered in Vermont, 2024

Not including registration renewals

113,462 *Total Vehicles*

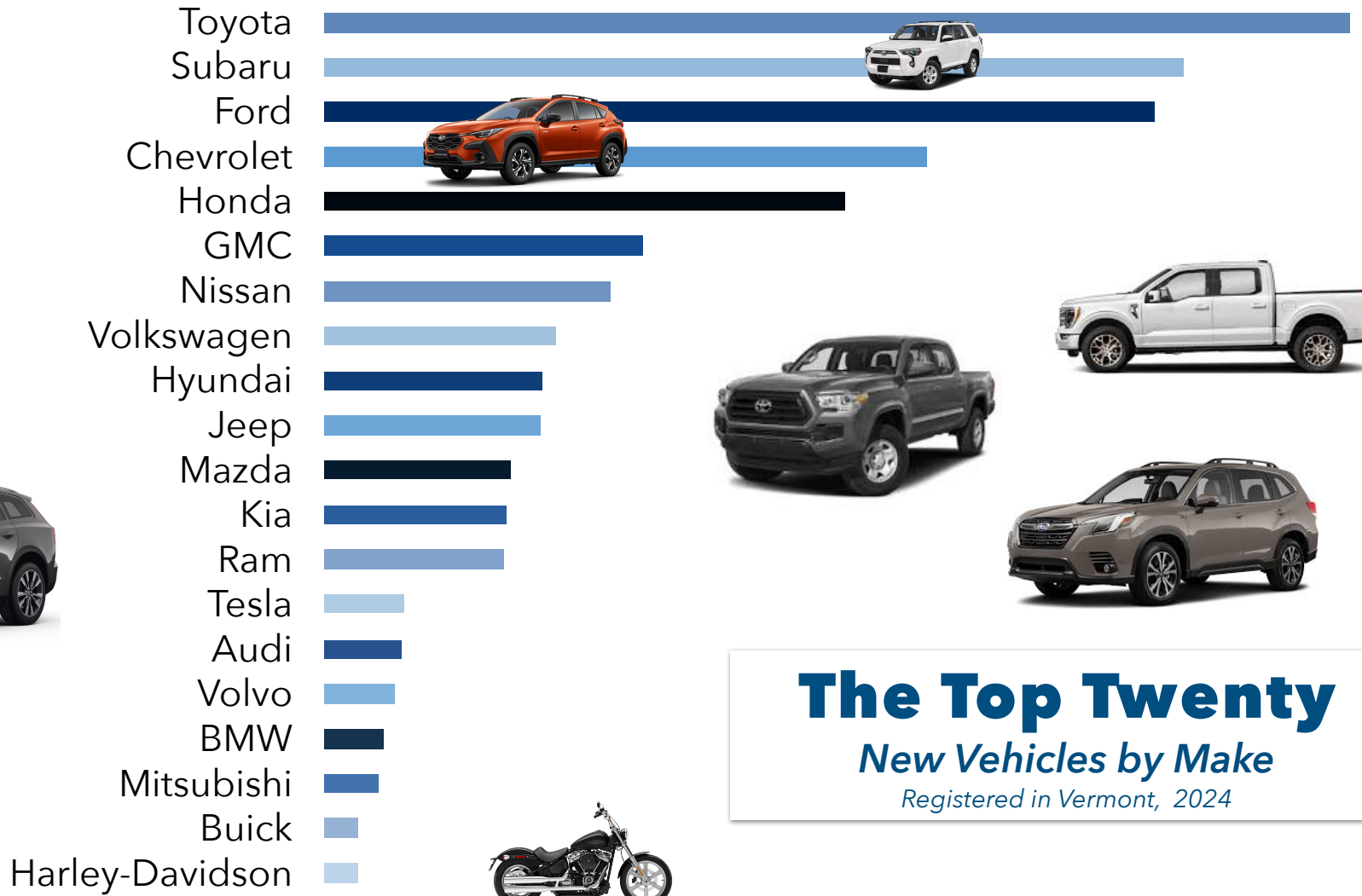


New and Used Vehicles Registered in Vermont, 2021-2024





Vermont
Vehicle
Index



The Top Twenty
New Vehicles by Make
 Registered in Vermont, 2024



Toyota RAV4

Subaru Crosstrek



Subaru Forester

Ford F-150



Honda CR-V



Subaru Outback

Toyota Tacoma



Chevy Silverado 1500

GMC Sierra 1500



The Top TEN

New Vehicles by Model

Registered in Vermont, 2024



Vermont
Vehicle
Index





Subaru Outback

Subaru Forester

Toyota Tacoma

Toyota RAV4

Ford F-150

Chevy Silverado 1500

Honda CR-V

Subaru Impreza

Ram 1500

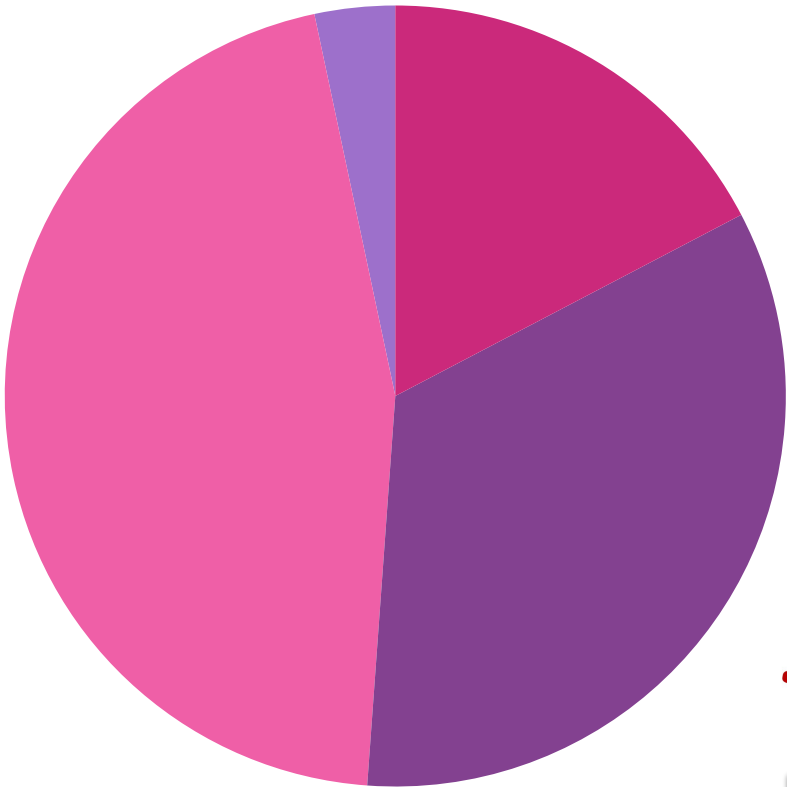
Toyota Corolla



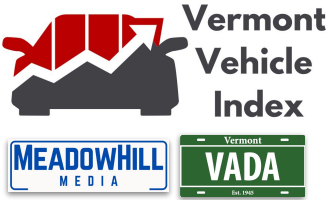
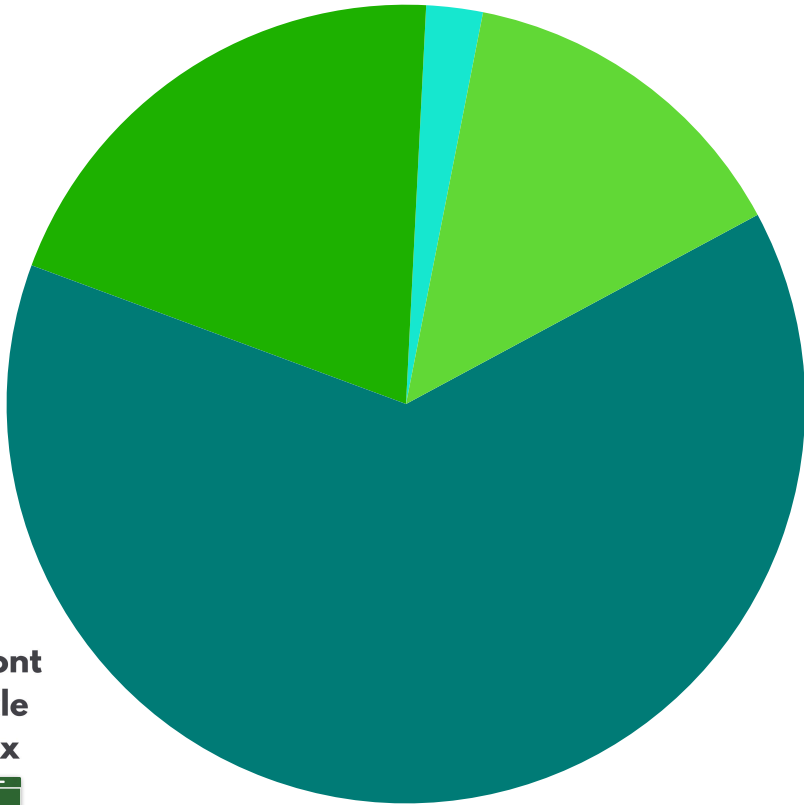
The Top TEN
USED Vehicles by Model
Registered in Vermont, 2024



NEW Vehicle Registrations by Transaction Type
Vermont, 2024



NEW Battery Electric and Plug-In Electric /Gas Hybrids
Vermont, 2024



Most new vehicles in Vermont are purchased with a loan. BEVs and PHEVs are more often leased.

5025

Total New EVs and PHEVs
Registered in Vermont, 2024



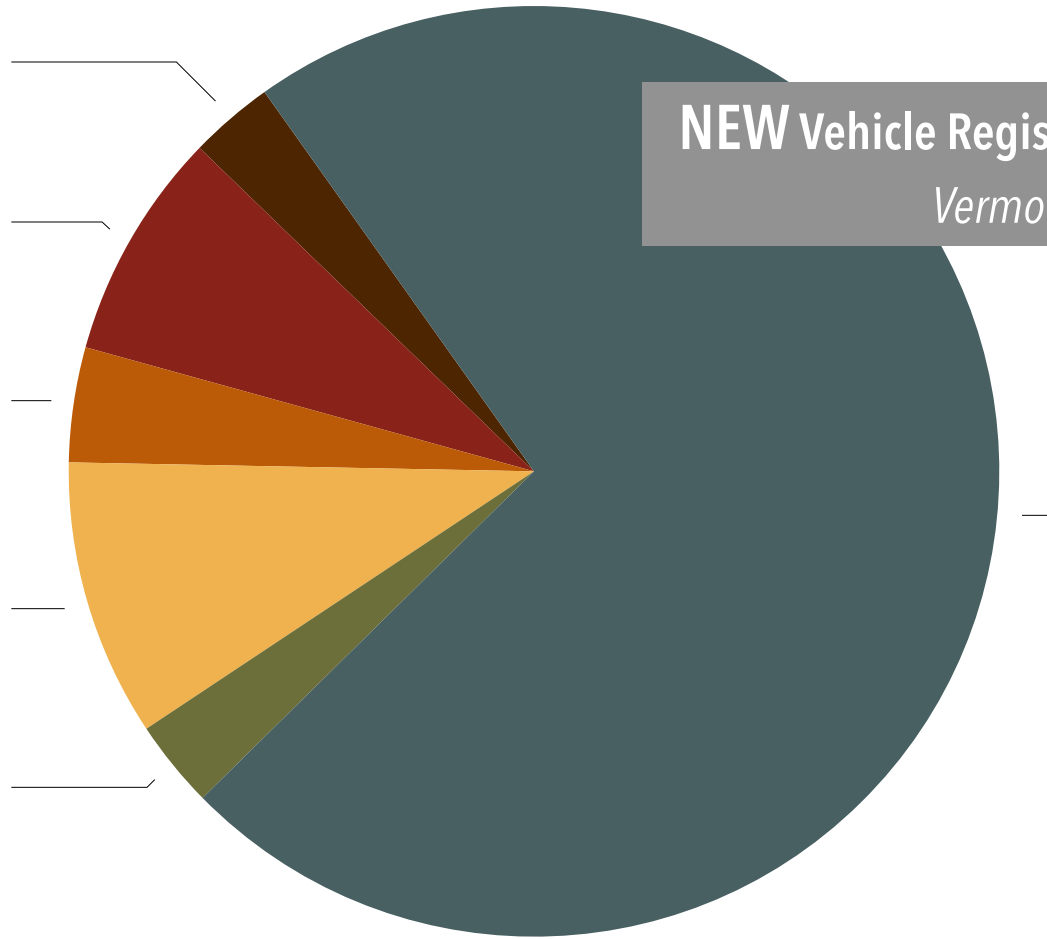
The Top Twenty New EVs and PHEVs by Make

The top twenty makes represent 98% of EV and PHEV registrations in Vermont.

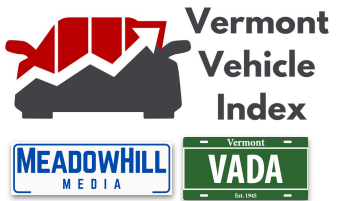


NEW Vehicle Registrations by Fuel Type

Vermont, 2024



Battery Electric and Plug-In Electric / Gas Hybrids made up 12% of the new vehicle registrations in Vermont in 2024



1. TITLE OF RULE FILING:

Vermont Low and Zero Emission Vehicle Regulations

2. ADOPTING AGENCY:

Agency of Natural Resources

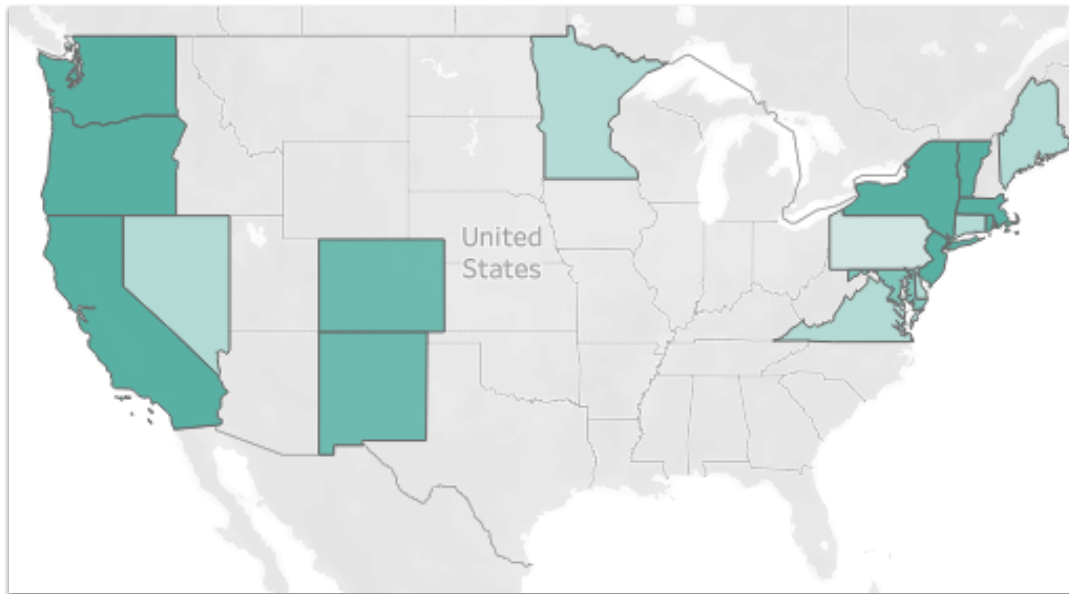
3. TYPE OF FILING (*PLEASE CHOOSE THE TYPE OF FILING FROM THE DROPDOWN MENU BASED ON THE DEFINITIONS PROVIDED BELOW*):

- **AMENDMENT** - Any change to an already existing rule, even if it is a complete rewrite of the rule, it is considered an amendment if the rule is replaced with other text.
- **NEW RULE** - A rule that did not previously exist even under a different name.
- **REPEAL** - The removal of a rule in its entirety, without replacing it with other text.

This filing is **A NEW RULE** .

4. LAST ADOPTED (*PLEASE PROVIDE THE SOS LOG#, TITLE AND EFFECTIVE DATE OF THE LAST ADOPTION FOR THE EXISTING RULE*):

This rule was previously adopted in CVR 12-031-001 and is being moved to a new Chapter of the Department of Environmental Conservation rules (CVR 12-030-040) via this rule filing.



Type	Regulation	Vermont
Light-Duty Vehicle Standard	Advanced Clean Cars II	2026
	LEV Criteria Pollutant	2000
	LEV Greenhouse Gas	2009
	Zero-Emission Vehicle	2000
Heavy-Duty Vehicle Standard	Advanced Clean Trucks	2026
	Heavy-Duty Omnibus	2026
	Phase 2 Greenhouse Gas	2026

Vermont represents **0.3%** of new light-duty vehicle registrations and **0.2%** of new heavy-duty vehicle registrations.

Massachusetts represents **2.1%** of new light-duty vehicle registrations and **1.8%** of new heavy-duty vehicle registrations.

New York represents **5.6%** of new light-duty vehicle registrations and **3.1%** of new heavy-duty vehicle registrations.

Vermont Advanced Clean Car 2 (ACC2) Regulations

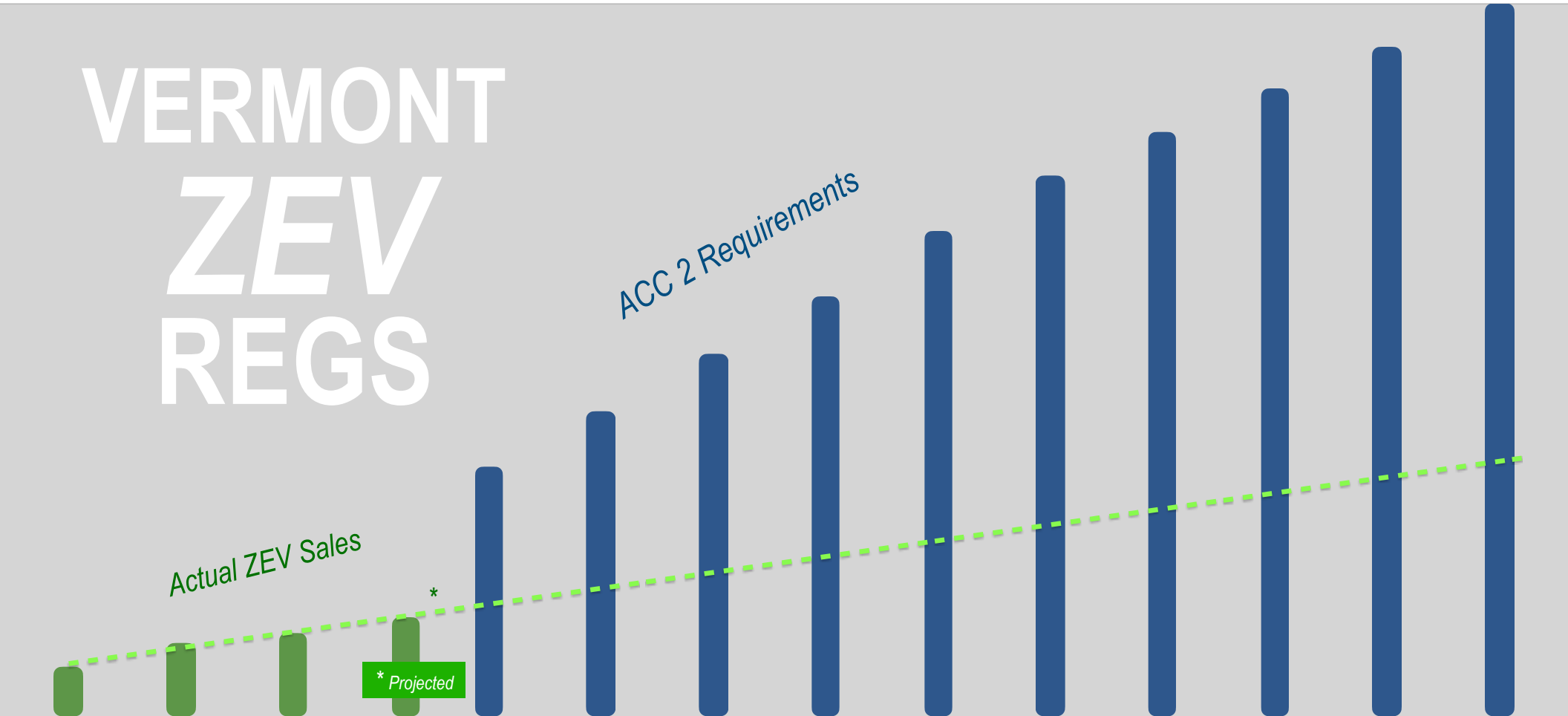
VERMONT ZEV REGS

Actual ZEV Sales

ACC 2 Requirements

* Projected

2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035





35% *by 2026*

COMPLIANCE OPTION #1



35% *by 2026*

COMPLIANCE OPTION #2



51% *by 2028*

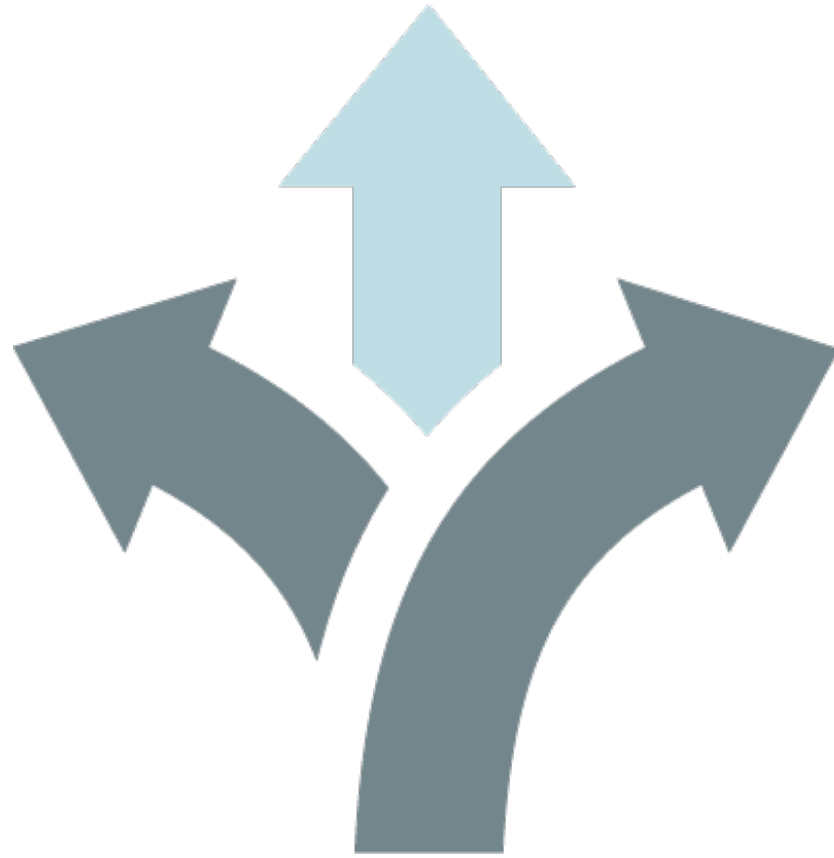
COMPLIANCE OPTION #1



51% *by 2028*

COMPLIANCE OPTION #2





“FLEXIBILITY”



ALLIANCE
FOR AUTOMOTIVE
INNOVATION



MEMO

TO: Interested Parties

FROM: Alliance for Automotive Innovation

DATE: December 11, 2024

RE: It's gonna take a miracle: California and states with EV sales requirements

Option 1: Sell more electrified vehicles (increase the numerator).
Option 2: Sell fewer total vehicles (decrease the denominator).
Option 3: Buy credits from automakers that “over comply” with 177 state ZEV sales requirements. (Translation: Pay Tesla/Elon Musk.)

Download the 8 page letter at MeadowHillMedia.com/miracle



6193

New Trucks Registered in Vermont in 2024

Source: VT DMV

Class 2b-3



Class 4-8



Class 7-8 Tractors



Vermont Advanced Clean Truck Regulation (ACT)



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%

Class 1 - 6,000 lbs & Less

 Minivan Cargo Van SUV Pickup Truck

Class 2 - 6,001 to 10,000 lbs

 Minivan Cargo Van Full-Size Pickup Step Van

Class 3 - 10,001 to 14,000 lbs

 Walk-in Box Truck City Delivery Heavy-Duty Pickup

Class 4 - 14,001 to 16,000 lbs

 Large Walk-in Box Truck City Delivery

Class 5 - 16,001 to 19,500 lbs

 Bucket Truck Large Walk-in City Delivery

Class 6 - 19,501 to 26,000 lbs

 Beverage Truck Single-Axle School Bus Rack Truck

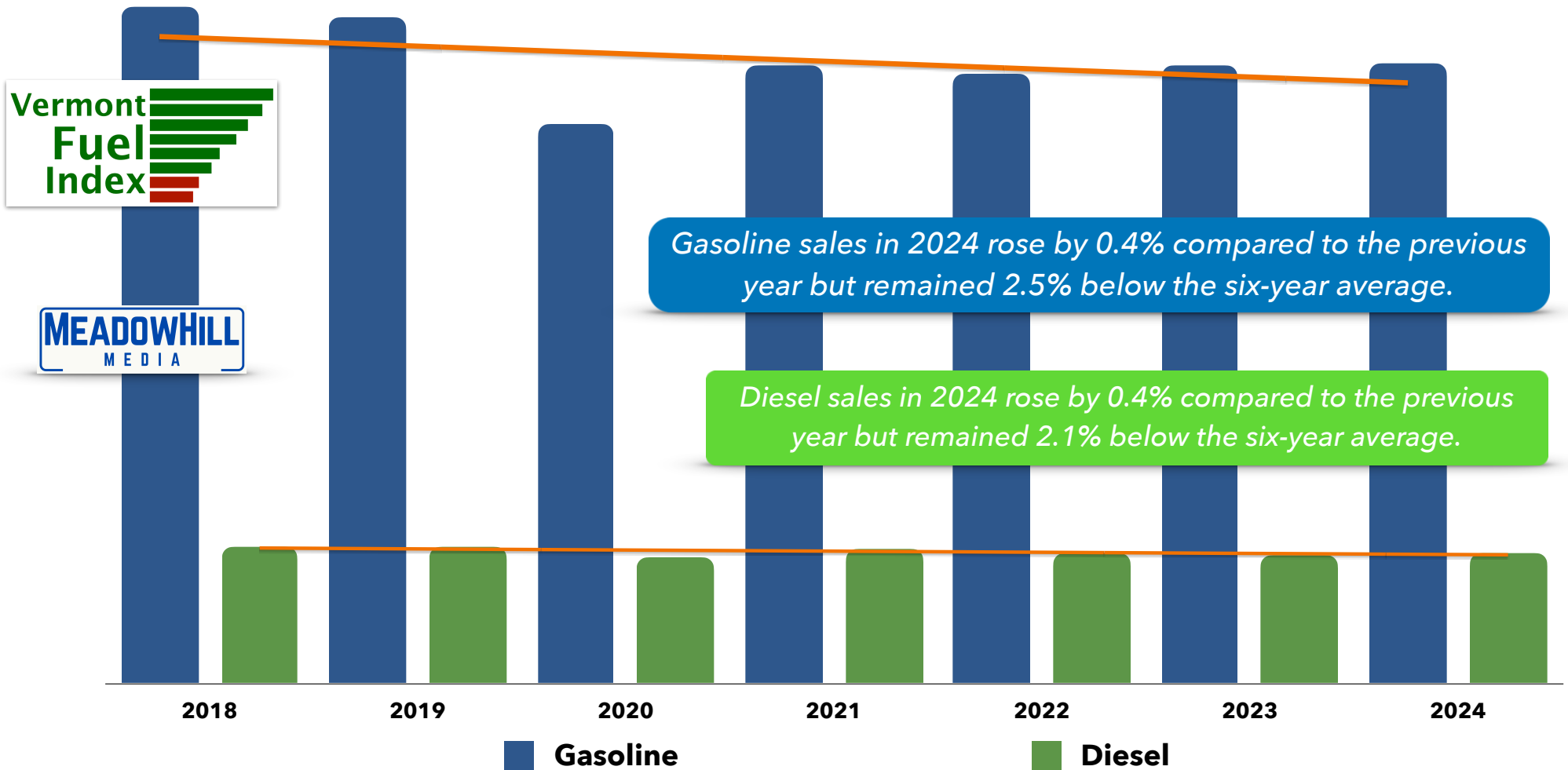
Class 7 - 26,001 to 33,000 lbs

 Refuse Furniture City Transit Bus Truck Tractor

Class 8 - 33,001 lbs & Over

 Cement Truck Truck Tractor Dump Truck Sleeper

Gasoline and Diesel Sold in Vermont, gallons

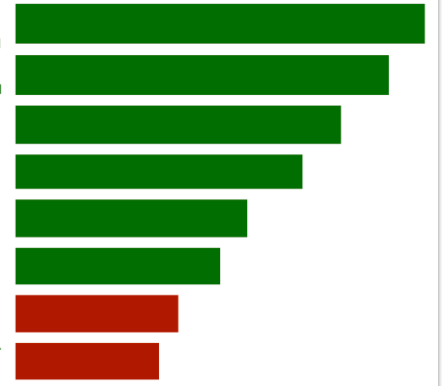


The Vermont Motor Fuel Index is published by Meadow Hill Media. Source data provided by the Vermont DMV.



**Vermont
Vehicle
Index**

**Vermont
Fuel
Index**



MeadowHillMedia.com