

EC4 Dashboard: Clean Transportation



Clean Transportation in Rhode Island: Status and Programs

RIEC⁴

Did You Know?

There are three main types of electrified vehicles: **electric vehicles (EVs)**, **plug-in hybrid vehicles (PHEVs)**, and **hybrid electric vehicles (HEVs)**. Electric Vehicles (EVs) utilize electricity as their primary fuel source. EVs store their electrical energy in a large battery used to power the motor. Charging an EV is like charging a cell phone.

PHEVs use electricity to improve the efficiency of conventionally-fueled vehicles. When the battery runs out, PHEVs switch over to gasoline. HEVs combine at least one electric motor with a gasoline engine to move the car, and its system recaptures energy via braking.

Rhode Island is incentivizing the installation of EV charging stations in public places and working on transitioning the RIPTA fleet to electric buses. Publicly accessible EV charging stations are located throughout Rhode Island, with more being added each month.

[Locate a Charging Station Along Your Commute](#)

Why It Matters

The transportation sector is the largest source of greenhouse gas pollution. As we electrify more of our transportation system, the carbon emissions from transportation will move to the electricity consumption sector, which can then be eliminated by transitioning to renewable, zero-emission sources of electricity.

There are two ways to reduce pollution in the transportation sector: use less fuel and use lower-emissions fuel. To use less fuel, we can discourage driving gas-powered vehicles and encourage lower-emissions mobility solutions including public transportation. To do this, we need to encourage the use of EVs and expand electric vehicle charging infrastructure. This includes transitioning to electric trucks and buses.

EVs are powered by electricity, which as an energy source is cleaner than gas. They produce less pollution than a conventional gas-powered vehicle. Reduced harmful tail-pipe pollutants is good news for our health; better air quality will lead to fewer health problems and costs caused by air pollution.

[Learn More about Clean Transportation in RI](#)

In This Section →

1. Electric Vehicles in RI
2. Public Transit: Ridership
3. Public Transit: Fleet
4. ZEVs in State Fleet
5. DRIVE EV Project
6. EV Charging Stations in RI
7. Fuel Consumption

Use navigation boxes above to explore the data.



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Clean Transportation in Rhode Island

Electric Vehicles in RI

Electric Vehicles in RI

Public Ridership

Public Ridership & Fleet

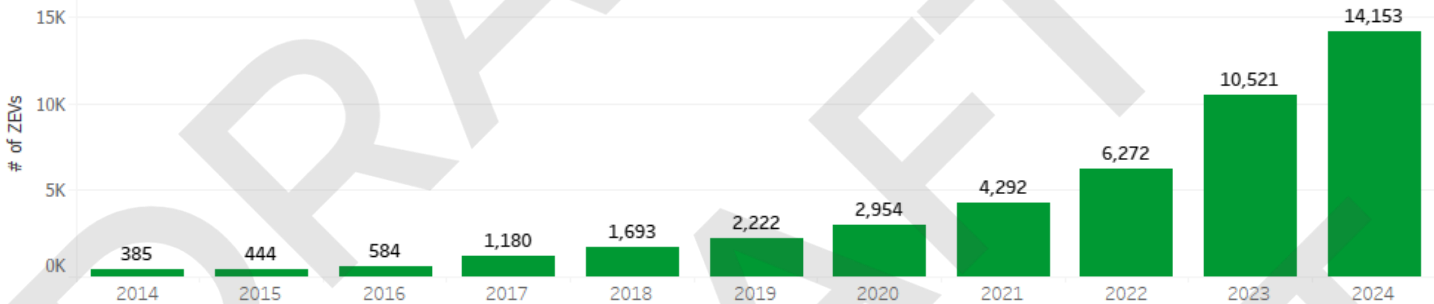
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Total Registered Zero Emission Vehicles in Rhode Island by Weight Class, Year

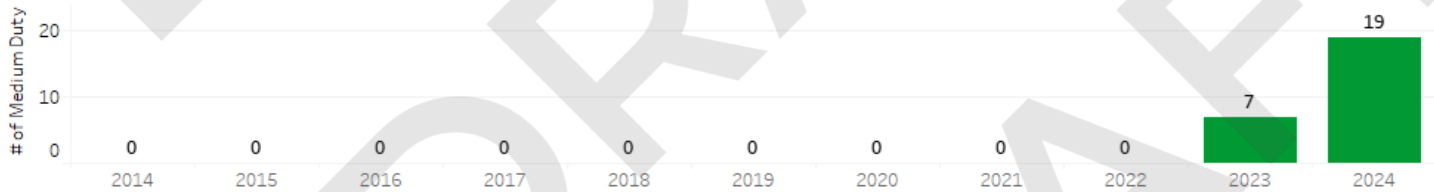
Source: Rhode Island Division of Motor Vehicles



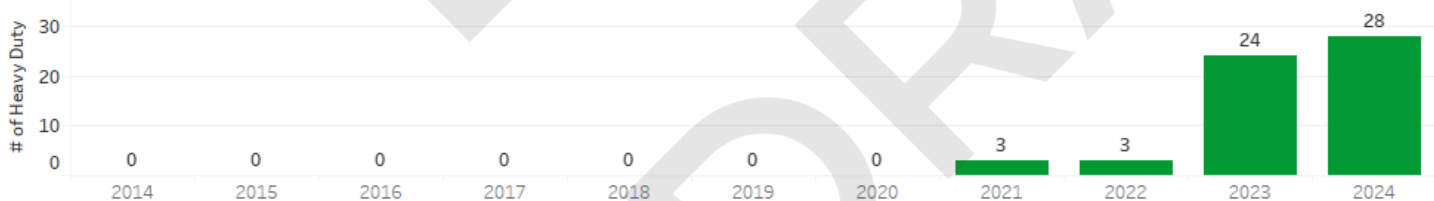
Light Duty Zero Emission Vehicles (ZEVs) in Rhode Island



Medium Duty EVs in Rhode Island



Heavy Duty EVs in Rhode Island



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*Note: Data is current through January 1, 2025

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Clean Transportation in Rhode Island

Electric Vehicles in RI

Electric Vehicles in RI

Public Ridership

Public Ridership & Fleet

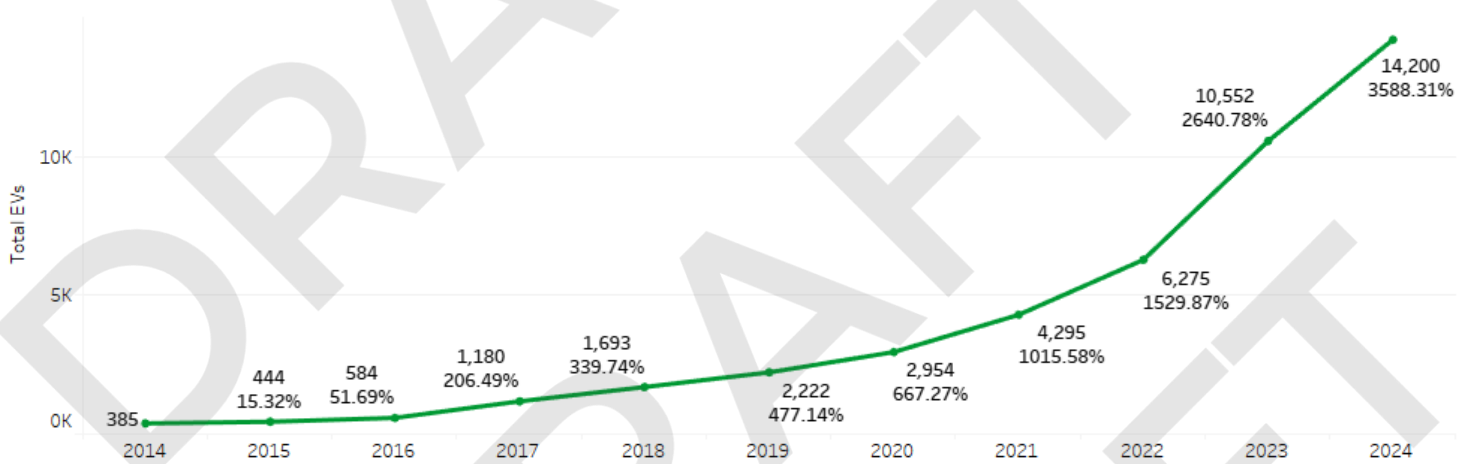
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Total Registered Electric Vehicles in Rhode Island: Growth Over Time

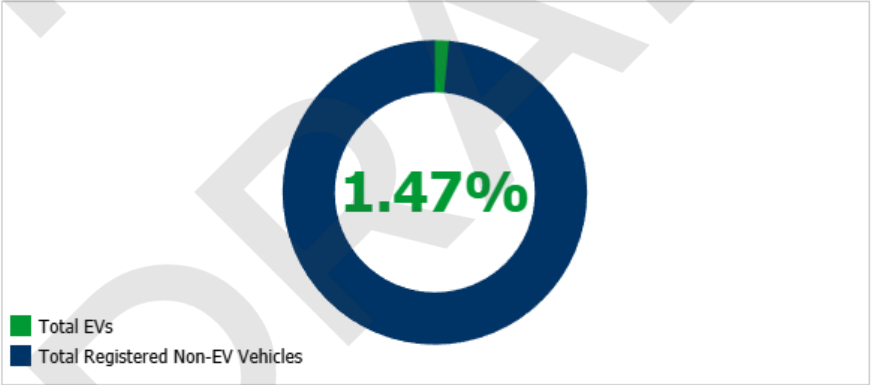
Source: Rhode Island Division of Motor Vehicles

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Total EVs and Percent Increase over 10-Year Period (2015-2025)



EV % of Total Registered Vehicles (2024)



There are
36x
more EVs in Rhode Island
than there were ten years ago

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*Note: Data is current through January 1, 2025

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Clean Transportation in Rhode Island

Electric Vehicles in RI

Electric Vehicles in RI

Public Ridership

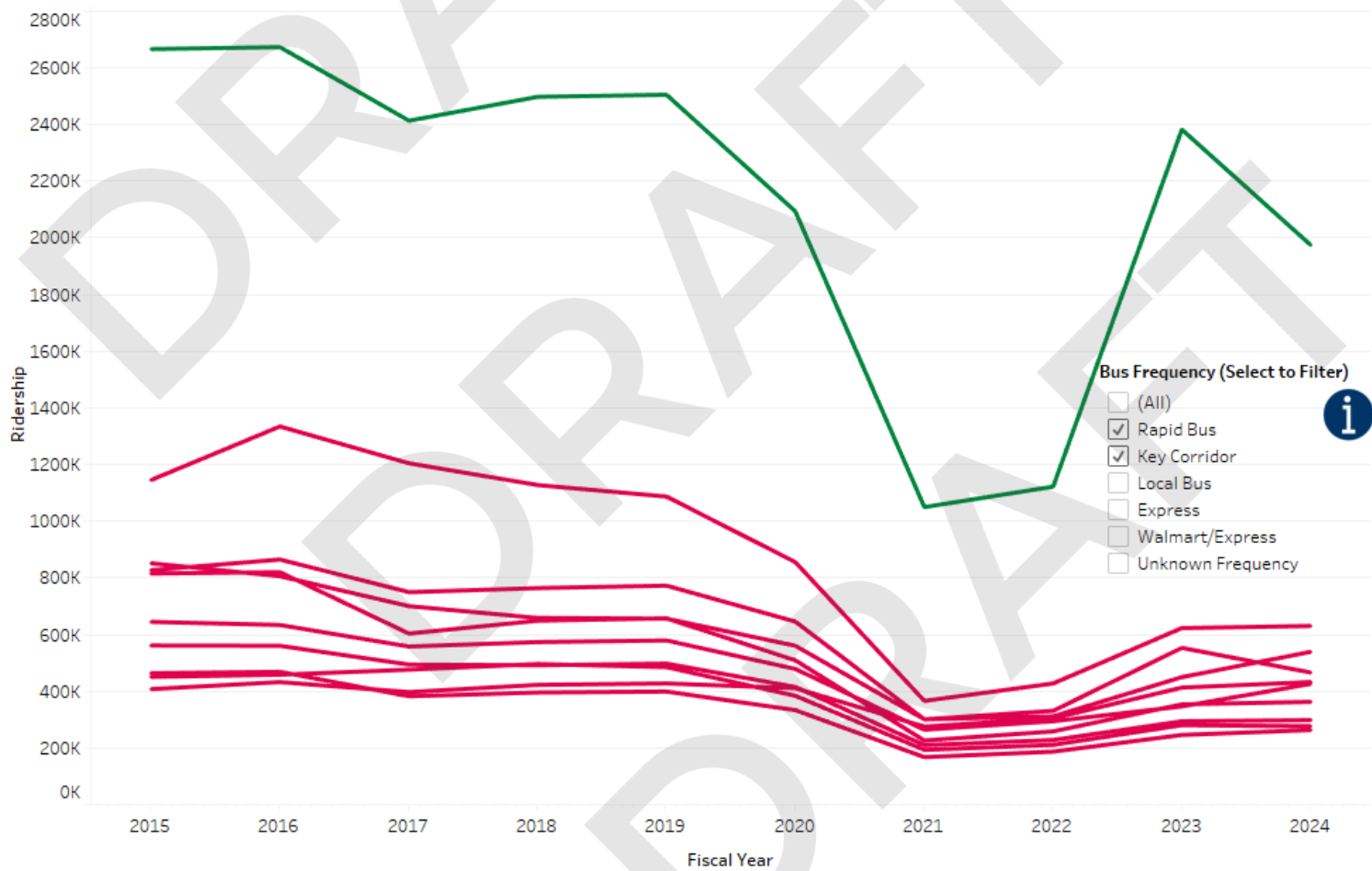
Public Ridership & Fleet

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Rhode Island Public Transit Authority (RIPTA) Ridership
Source: RIPTA



Total RIPTA Ridership by Route by Fiscal Year



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*Note: Data is current through April 2024

[Vehicles in RI](#)

[Electric Vehicles in RI](#)

[Public Ridership](#)

[Public Ridership & Fleet](#)

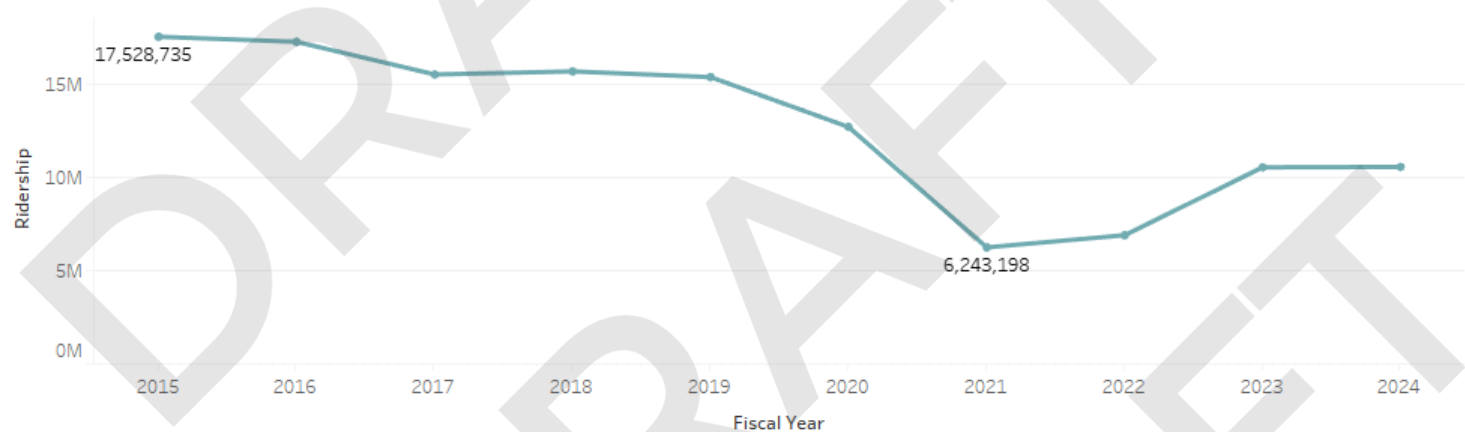
[Zero Emission Vehicles in State Fleet](#)

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Rhode Island Public Transit Authority (RIPTA) Ridership and Fleet
Source: RIPTA



Total Statewide Ridership by State Fiscal Year, 2015-present

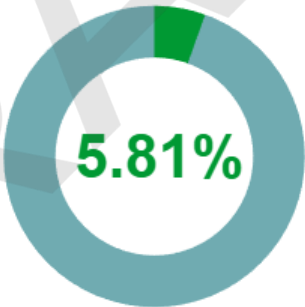


There are currently...

14

electric buses in the RIPTA fleet

EV % of Total RIPTA Fleet (FY2024)



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*Note: Data is current through April 2024

<	RI	Public Ridership	Public Ridership & Fleet	Zero Emission Vehicles in State Fleet	DRIVE EV Project	DRIVE EV (cc)	>
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Zero Emission Vehicles in Rhode Island State Government Fleet
Source: RI Office of Energy Resources (OER)

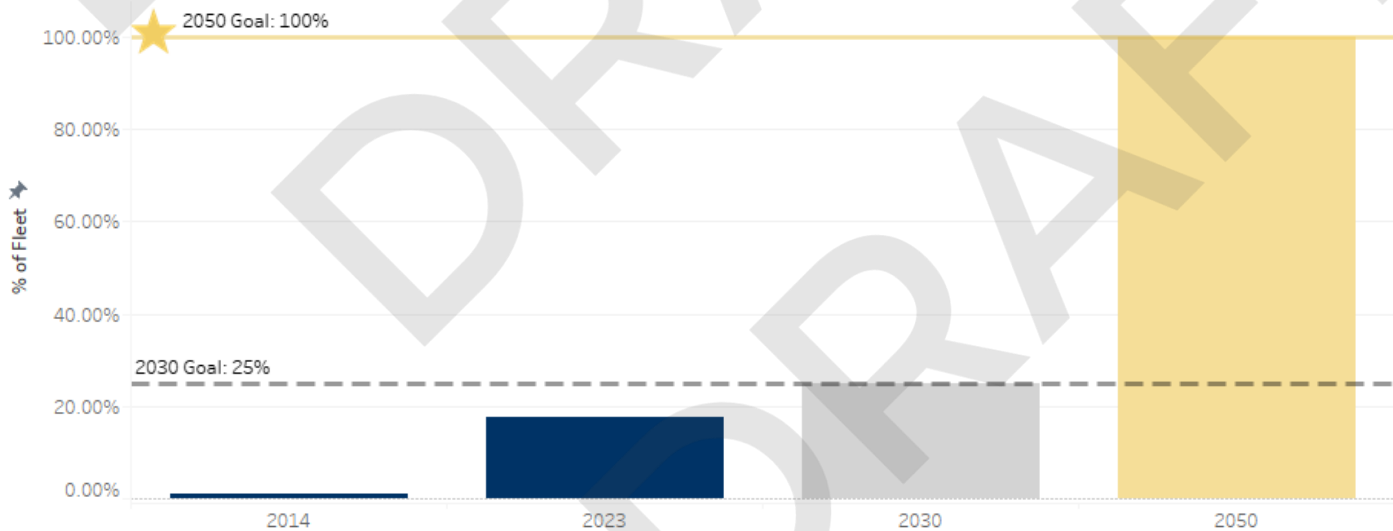


Did You Know?

Rhode Island Executive Order 23-06, *State Agencies to Lead by Example and Act on Climate*, passed in May 2023 and mandates Rhode Island state agencies to reduce greenhouse gas emissions, improve energy efficiency and transition to a sustainable, zero-emission future by setting progressive targets through 2050. The Order set five targets, including one to accelerate the transition to zero-emission vehicles (ZEVs) by establishing incremental targets for fleet electrification between 2030 and 2050, requiring all state fleets to procure small, medium, and large vehicles as ZEVs.

[Learn More about the Lead by Example Program](#)

Percentage of ZEVs in State Fleet and Projected Targets



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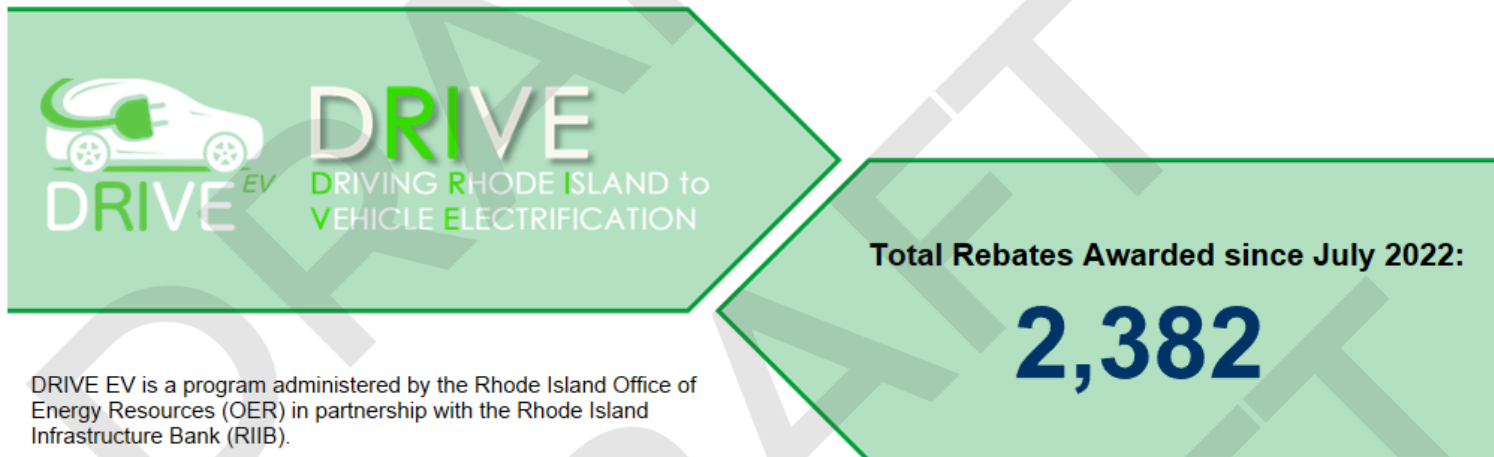
EC4 Dashboard: Clean Transportation

<	RI	Public Ridership	Public Ridership & Fleet	Zero Emission Vehicles in State Fleet	DRIVE EV Project	DRIVE EV (cc)	>
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Clean Transportation in Rhode Island: DRIVE EV Project

Source: DRIVE EV

RIEC⁴



DRIVE EV is a program administered by the Rhode Island Office of Energy Resources (OER) in partnership with the Rhode Island Infrastructure Bank (RIIB).

This program provides rebates to Rhode Island residents, small businesses, non-profits, and public sector entities to advance our clean transportation objectives in reducing transportation emissions and advancing the Act on Climate.

DRIVE EV is designed to accelerate the adoption of EVs - both new and used - by Rhode Island drivers, with the potential to:

- Improve public health and air quality by reducing transportation-related air pollution that contributes to the formation of smog and related health effects such as asthma;
- Reduce greenhouse gas emissions that contribute to climate change;
- Enhance energy diversity and security; and
- Save drivers money and promote economic growth.

[Visit DRIVE EV for Up to Date Program Statistics and How to Apply](#)

Total Rebates Awarded since July 2022:

2,382

DRIVE EV Individual

- RI Residents only
- Up to \$1,500 for qualified new battery and fuel cell electric vehicles (BEVs and FCEVs)

DRIVE+

- Up to additional \$1,500 rebate based on income-eligibility

DRIVE EV Fleet

- RI Small Businesses, Nonprofits and Public Sector Entities only
- Up to \$1,500 for qualified new battery and fuel cell electric vehicles (BEVs and FCEVs)
- Additional rebates available for qualified entities in certain municipalities with high asthma rates.

Restrictions and additional requirements apply. Check program website for rebate levels for used vehicles.

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**Note: This data is current through February 2025. For most up-to-date information, visit <https://drive.ri.gov/statistics/drive-ev-project-statistics>*

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in State Fleet

DRIVE EV Project

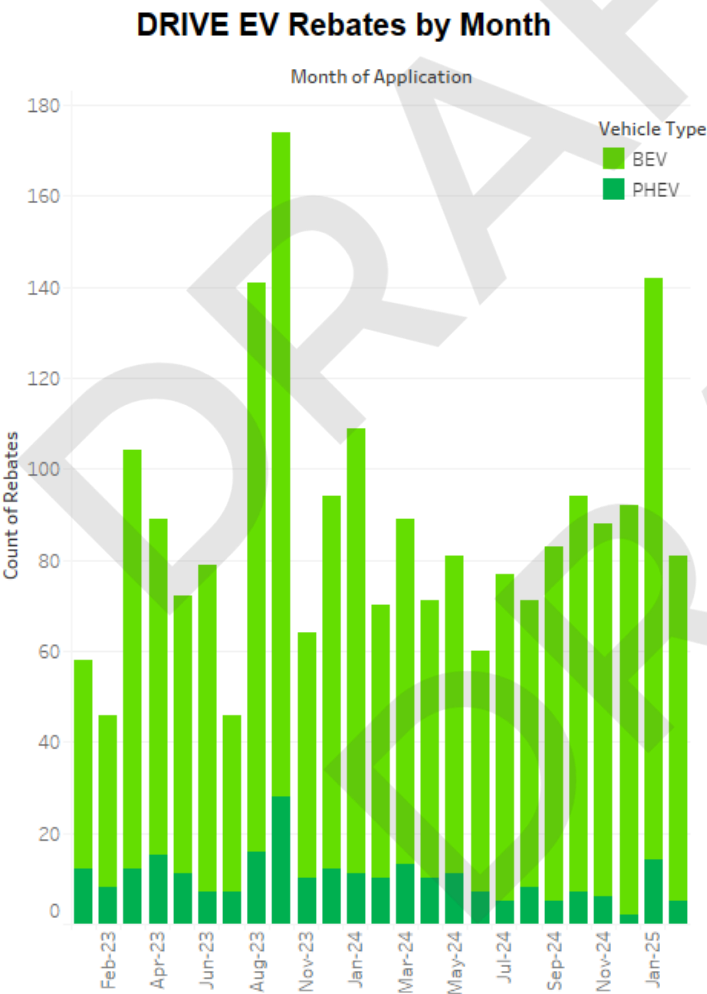
DRIVE EV (con.)

DRIVE EV (con.)

EV Charging Stations
in RI

F >

Clean Transportation in Rhode Island: DRIVE EV Project
Source: DRIVE EV



As of March 5, 2024:
Funding Available: \$1,534,250.00

Month of Application

(All)

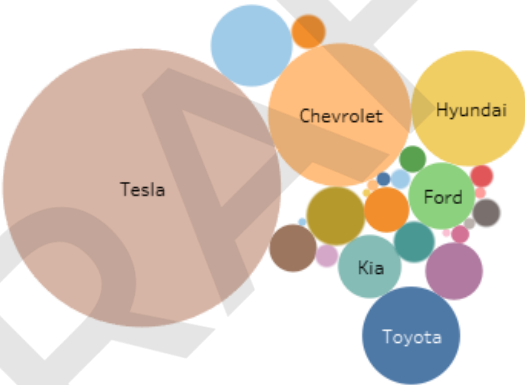
New or Used

(All)

Rebates by Program and Vehicle Type

Rebates	Vehicle Type	Count of Rebates	Rebate Amount
DRIVE	BEV	1,841	\$3,349,250.00
	PHEV	286	\$353,750.00
DRIVE +	BEV	210	\$676,000.00
	PHEV	25	\$53,000.00
Fleet	BEV	19	\$44,500.00
	PHEV	1	\$2,500.00
Grand Total		2,382	\$4,479,000.00

Rebates by Vehicle Make



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*Note: This data is current through February 2025. For most up-to-date information, visit <https://drive.ri.gov/statistics/drive-ev-project-statistics>

EC4 Dashboard: Clean Transportation

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Zero Emission Vehicles in State Fleet

DRIVE EV Project

DRIVE EV (con.)

DRIVE EV (con.)

EV in F

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Clean Transportation in Rhode Island: DRIVE EV Project

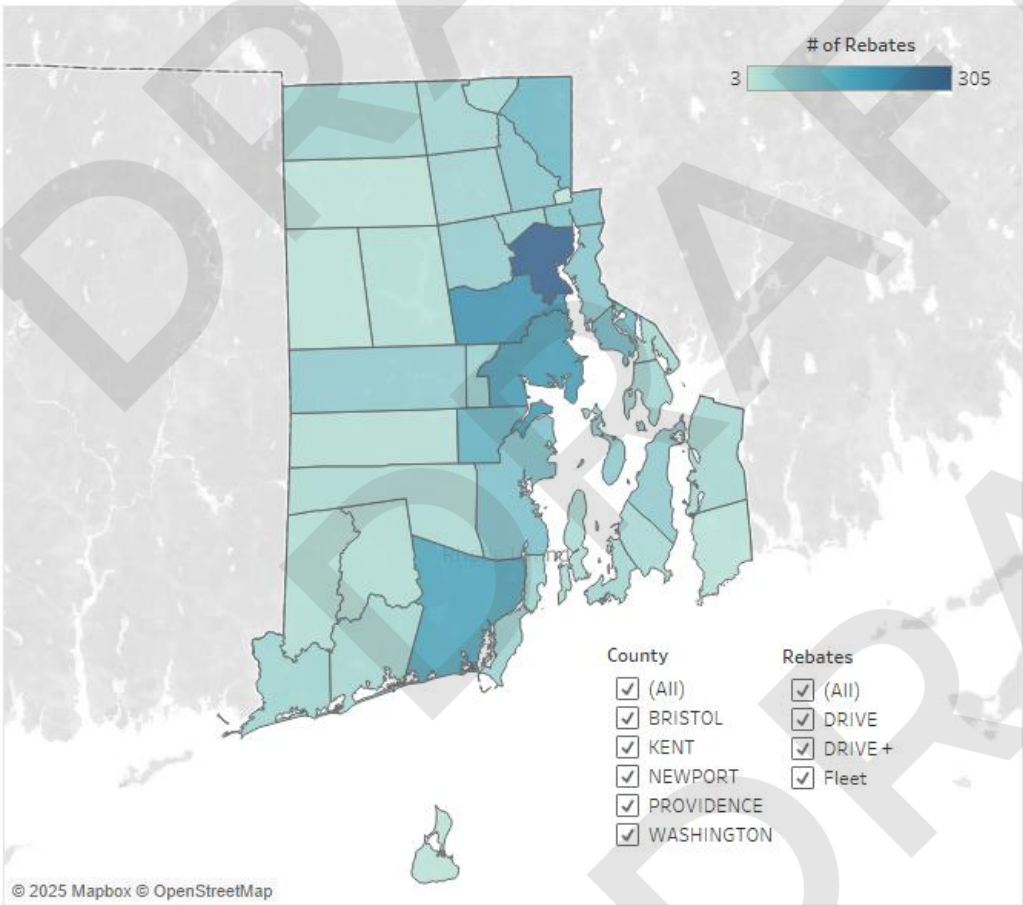
Source: DRIVE EV, RIGIS



DRIVE EV Rebates Issued by Municipality

Select Municipality

(All)



Providence	305
Cranston	197
Warwick	179
South Kingstown	157
East Greenwich	127
Cumberland	114
Barrington	109
North Kingstown	90
Pawtucket	84
East Providence	75
Lincoln	74
Coventry	62
Portsmouth	62
Johnston	58
West Warwick	54
North Providence	52
Narragansett	47
Westerly	42
Smithfield	40
North Smithfield	39
Burrillville	38
Newport	38
Bristol	35
Woonsocket	35
Charlestown	33
Middletown	32
Tiverton	32
Warren	30
Exeter	23

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*Note: This data is current through February 2025. For most up-to-date information, visit <https://drive.ri.gov/statistics/drive-ev-project-statistics>

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E EV Project

DRIVE EV (con.)

DRIVE EV (con.)

EV Charging Stations in RI

Fuel Consumption

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EV Charging Stations in Rhode Island

Source: U.S. Department of Energy, RI Office of Energy Resources



Did You Know?

There are alternative fueling stations across the country providing a range of fueling options for alternative fuel and advanced technology vehicles. These fuel types include electric (charging ports), biodiesel, compressed natural gas, and propane, among others. **By far, RI's most common type of alternative fueling stations are EV charging stations.**

Why It Matters

According to the U.S. Department of Energy, "using alternative fuels including electricity and advanced vehicles instead of conventional fuels and vehicles helps the United States improve efficiency, cut costs, and reduce emissions".

As of March 2025, Rhode Island has:

335

EV charging station locations

962

EV charging ports

72

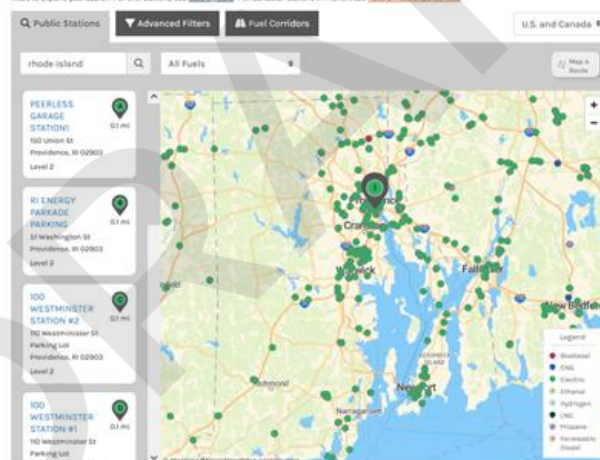
EV charging stations at State facilities

[\(See Map for Locations\)](#)

Want to find your nearest charging station?
Click below to see alternative fueling stations in RI:

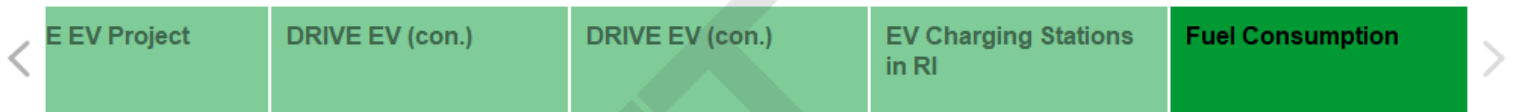
Alternative Fueling Station Locator

Find alternative fueling stations in the United States and Canada. By default, this tool displays only available, publicly accessible stations. You can use the advanced filters to expand your search. For U.S. stations, see [2024-25-2608](#). For Canadian stations in French, see [Station d'Alimentation Alternative](#).



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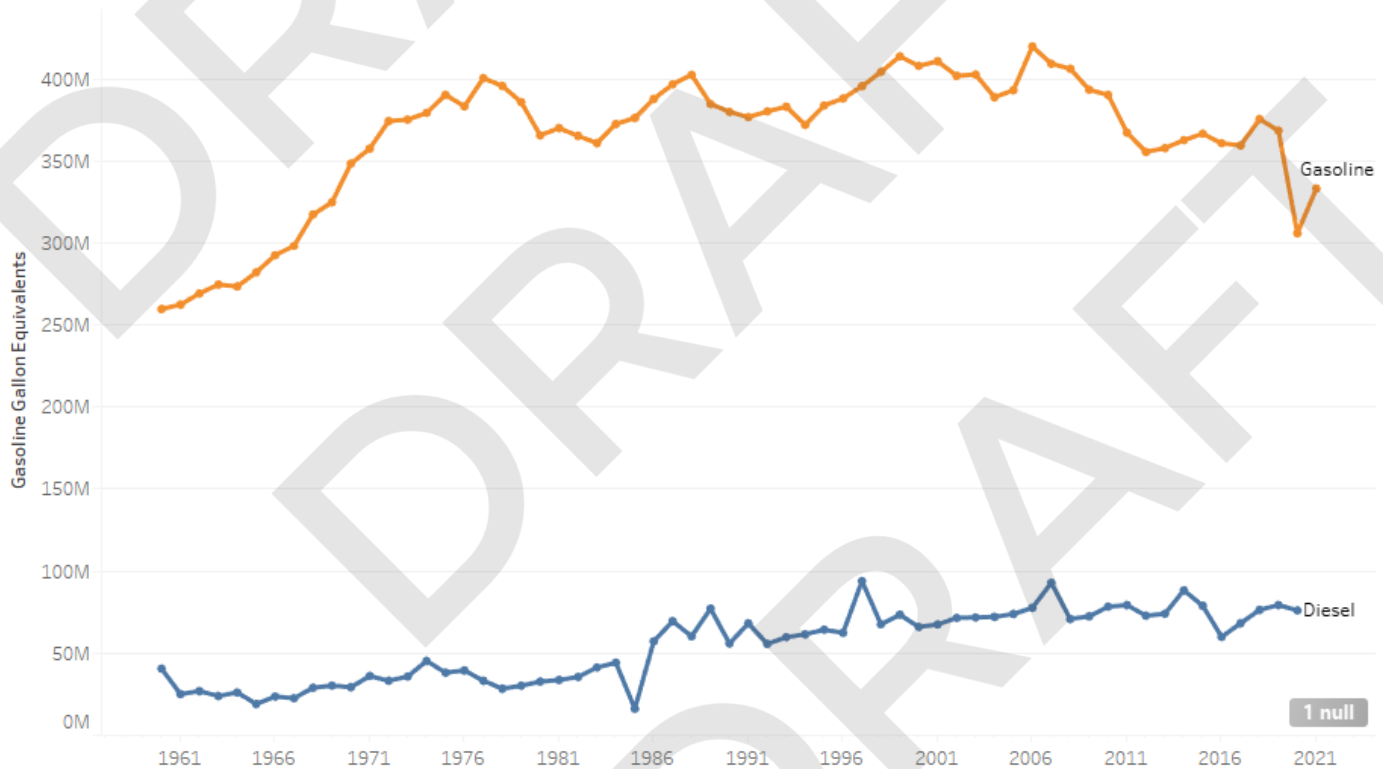


Fuel Consumption in Rhode Island

Source: U.S. Department of Energy

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How Has Fuel Consumption Changed over Time in Rhode Island?



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*Note: For source and more information, visit <https://afdc.energy.gov/states/ri>