

# ***RI's New Climate Dashboard***

## ***Progress Update***

**December 2024**

# *Background*

- The 'Act on Climate' calls for *“an online public dashboard that shall track both emissions reductions and sources of energy consumed by the state”*
- RIDEM's Climate Pollution Reduction Grant (CPRG) is funding the development of the dashboard
- RI Longitudinal Data Systems Center in the RI Office of the Postsecondary Commissioner (RI OPC) is our partner; Tableau is the platform
- Work began Spring of 2024 and numerous EC4 agencies are assisting with data needs **THANK YOU!**
- ~30 metrics across five categories currently in the draft dashboard
- EC4 Advisory Board's (Chair, Sheila Dormody) previous work on this issue is directly informing the dashboard's content

## Rhode Island in the Fight Against Climate Change Dashboard

Rhode Island is working to combat climate change on many fronts, and this dashboard is designed to highlight some key metrics. Explore different initiatives and actions being taken: **start by clicking on the images below.**



**Clean Energy**



**Energy Efficiency**



**Green Jobs**



**Clean Transportation**



**Reduced Emissions**

## Metrics grouped into categories on a Landing Page:

- Clean Energy
- Energy Efficiency
- Green Jobs & Education
- Clean Transportation
- Reduced Emissions

### 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. DRIVE EV Project
5. Alternative Fueling Stations

Use navigation boxes above to explore the data.

[← Return to Main Page](#)

Each category will have an introduction page:

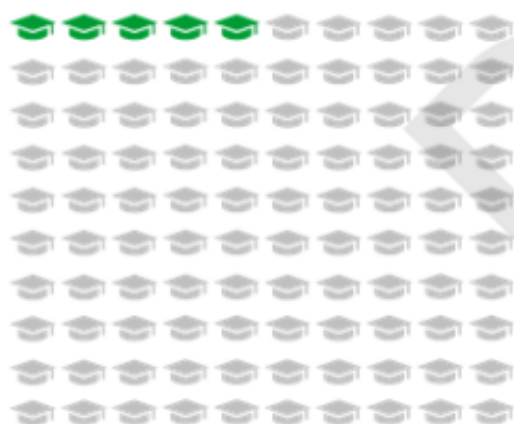
- Did you know?
- Why it matters?
- Incorporates useful links
- List all the metrics covered in each category.

Since 2018, there have been...



degrees or certificates awarded  
in **green** fields of study at Rhode  
Island public institutions of  
higher education

This represents **5.43%**



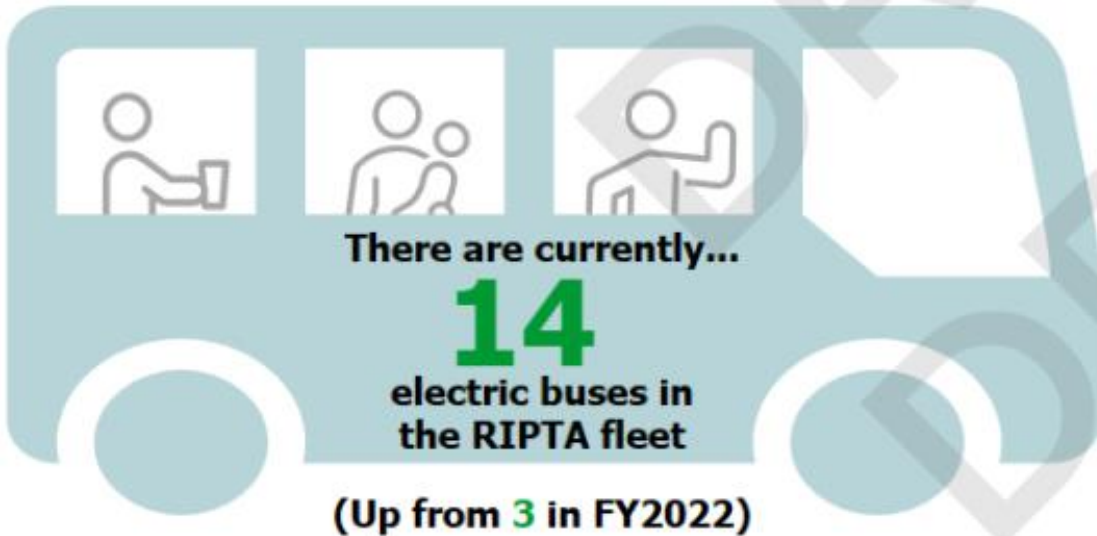
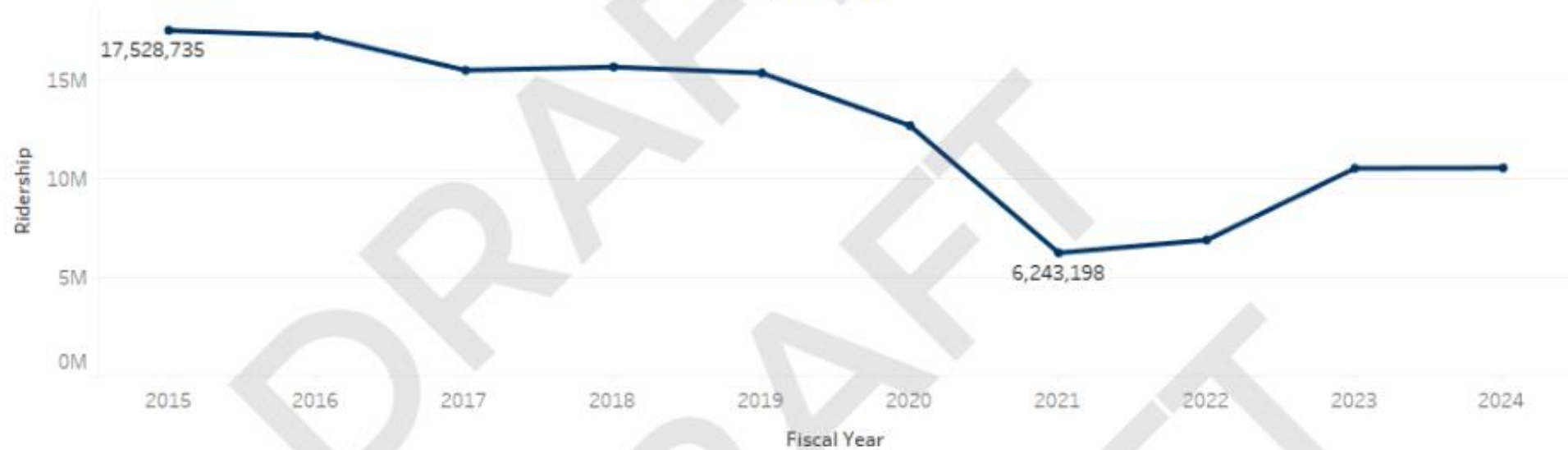
of all awards at these  
institutions during that time

### Top 10 Green Fields of Study by Number of Awards

Animal Sciences.	423
Natural Resources Management and Policy.	324
Ocean Engineering.	250
Wildlife and Wildlands Science and Management.	226
Ecology, Evolution, Systematics, and Population Biology.	217
Natural Resources Conservation and Research.	213
Biological and Physical Sciences.	210
Geological and Earth Sciences/Geosciences.	198
Geography and Cartography.	100
Landscape Architecture.	89

*\*Note: Data represents all awards of credit-bearing certificates and degrees from Rhode Island state colleges and universities (RIC, CCRI, URI) from Spring 2018 through Summer 2023 terms.*

## Total Statewide Ridership by State Fiscal Year, 2015-present



## EV % of Total RIPTA Fleet (FY2024)



\*Note: Data is current through April 2024



STATE OF RHODE ISLAND

# Climate Change

Search the site



Climate  
Science

RI Executive Climate Change Coordinating Council  
(EC4)



Act on  
Climate



Resources



Resilient  
Rhody

RI  
Snapshot



## Climate Action YOUTH ART CHALLENGE



WHAT DOES A **GREEN** FUTURE LOOK LIKE IN RI?

CLICK HERE



We need young artists to help! Through March 31, 2025, the EC4 invites you to [submit your artwork to connect young Rhode Islanders to climate action](#).



### Quick Links

- [RI Executive Climate Change Coordinating Council \(EC4\)](#)
- [Climate Action Youth Art Challenge](#)
- [Approved EC4 Spending Plan – FY2025](#)
- [2025 Climate Action Strategy](#)
- [Climate Pollution Reduction Grant](#)
- [Climate Action Timeline](#)
- [Introduction To Climate Change](#)