

2018 Rhode Island Greenhouse Gas Emissions Inventory

Changes in GHG Emissions 2017 - 2018

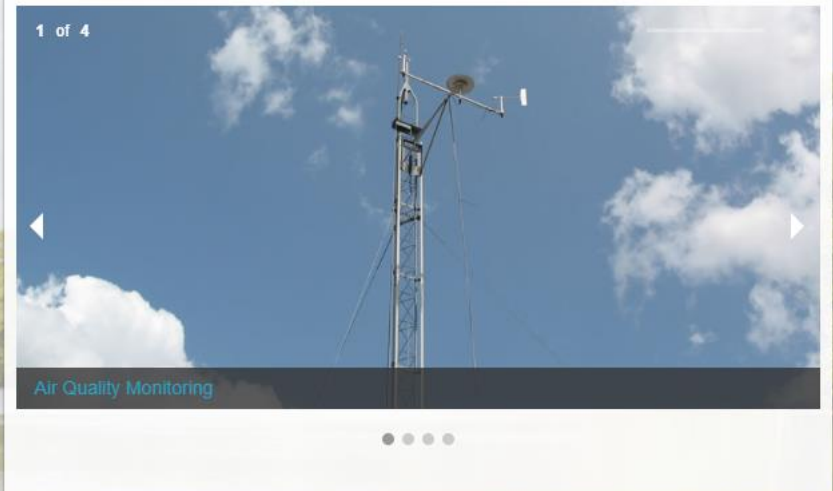


Rhode Island
Department of
Environmental
Management

OFFICE OF AIR RESOURCES

*EC⁴ Meeting
April 6, 2022*

Air Resources



Air Quality Monitoring

The Office of Air Resources (OAR) is responsible for the preservation, protection and improvement of air quality in Rhode Island. This is accomplished, in partnership with the U.S. Environmental Protection Agency, by regulating the emission of air pollutants from stationary and mobile emission sources.

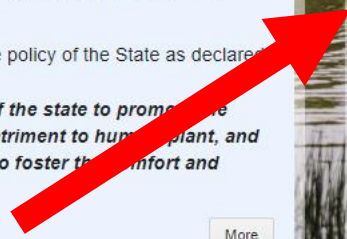
The purpose of the Air Resources program is to carry out the policy of the State as declared in Rhode Island General Law § 23-23-2, that is:

“...to preserve, protect, and improve the air resources of the state to promote the public health, welfare, and safety, to prevent injury or detriment to human health, and animal life, physical property and other resources, and to foster the comfort and convenience of the state's inhabitants.”

[More](#)

Quick Links

- Accidental Release
- Air Monitoring
- Air Quality Forecast
- Air Toxics
- + Air Permits
- + Climate Change
- Compliance
- Emissions Inventory
- + Greenhouse Gas Emissions Inventory**
- Mobile Sources
- Regional Greenhouse Gas Initiative (RGGI)
- State Implementation Plan
- Diesel Emissions Reduction Act (DERA)



OFFICE OF AIR RESOURCES / GREENHOUSE GAS EMISSIONS INVENTORY

Greenhouse Gas Emissions Inventory

Quick Facts 1990-2018 Rhode Island Greenhouse Gas (GHG) Emissions Inventory



[Click image for printable document](#)

For more information, contact Joseph A. Poccia or call (401) 222-2808 ext. 2774106.

ADDITIONAL RESOURCES

- Rhode Island Greenhouse Gas Emissions Inventory 1990-2018
- RI Greenhouse Gas Emissions Inventory Analysis of Changes in GHG Emissions 2017 - 2018
- RI Greenhouse Gas Emissions Inventory Quick Facts 2017

Quick Links

- Accidental Release
- Air Monitoring
- Air Quality Forecast
- Air Toxics
- + Air Permits
- + Climate Change
- Compliance
- Emissions Inventory
- + Greenhouse Gas Emissions Inventory
- Mobile Sources
- Regional Greenhouse Gas Initiative (RGGI)
- State Implementation Plan
- Diesel Emissions Reduction Act (DERA)

Quick Facts



1990-2018

Rhode Island Greenhouse Gas (GHG) Emissions Inventory

Gross GHG Emissions by Economic Sector in 2018



2018 Gross GHG Emissions

12.70
million metric tons of CO₂e

RI Greenhouse Gas Emissions 1990 v. 2018

SECTOR	CHANGE IN MMTCO ₂ E	PERCENT CHANGE	TREND
Transportation	-0.52	-10.4%	↓
Electricity Consumption	0.52	18.5%	↑
Residential Heating	-0.05	-2.0%	↓
Industrial Heating & Processes	0.38	46.5%	↑
Commercial Heating	-0.17	-14.8%	↓
Other	-0.24	-36.9%	↓
Total	0.22	1.8%	↑

1990 - 2018 Change

↑
Statewide Net
GHG Accretions
(1990-2018)
1.8%



Click image for printable document

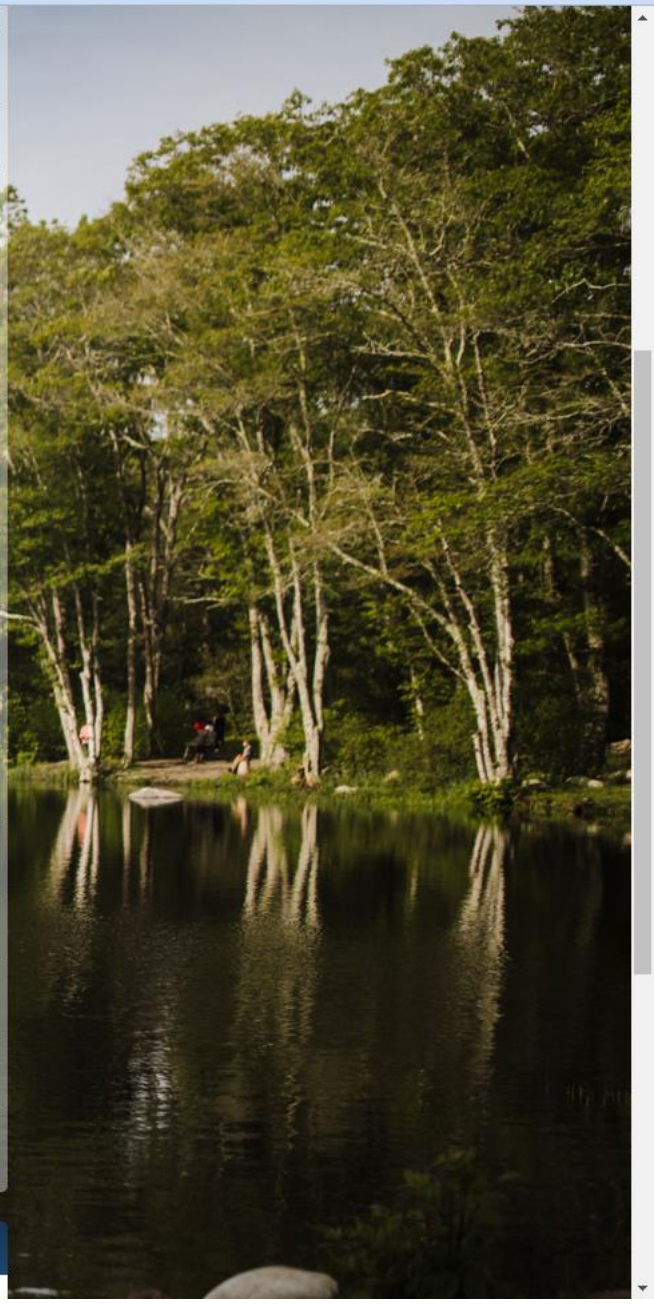
For more information, email [✉ Joseph A. Poccia](mailto:Joseph.A.Poccia@dem.ri.gov) or or call (401) 222-2808 ext. 2774106.

ADDITIONAL RESOURCES

- [Rhode Island Greenhouse Gas Emissions Inventory 1990-2018](#)
- [RI Greenhouse Gas Emissions Inventory Analysis of Changes in GHG Emissions 2017 - 2018](#)
- [RI Greenhouse Gas Emissions Inventory Quick Facts 2017](#)
- [RI Greenhouse Gas Emissions Inventory Quick Facts 2016](#)
- [2016 Rhode Island DEM Greenhouse Gas Emissions Inventory](#)
- [Transportation Emissions Dashboard](#)
- [Tablero de emisiones de transporte](#)
- [Resilient Rhode Island Act of 2014 – Climate Change Coordinating Council](#)
- [Rhode Island Greenhouse Gas Emissions Reduction Plan – December 2016](#)
- [Electricity Generation vs. Consumption GHG accounting approaches](#)
- [Rhode Island's Greenhouse Gas Emissions Inventory Update – September 2019](#)
- [EPA U.S. Greenhouse Gas Emissions Inventory – 2017](#)
- [Comments Received Regarding Rhode Island's Draft 2016 Greenhouse Gas Emissions Inventory](#)
- [2016 Rhode Island Department of Environmental Management Greenhouse Gas Inventory](#)

Rev. 4/1/22

- + Climate Change
- Compliance
- Emissions Inventory
- + Greenhouse Gas Emissions Inventory
- Mobile Sources
- Regional Greenhouse Gas Initiative (RGGI)
- State Implementation Plan
- Diesel Emissions Reduction Act (DERA)
- + Volkswagen Settlement & Funding
- Stage I Vapor Recovery Program
- Residential Wood Heaters
- Air Toxics Monitoring – Port of Providence
- Forms & Applications
- Regulations
- Publications & Reports
- Staff
- Contact Air Resources



Thank You!

Joseph A. Poccia

Rhode Island Department of Environmental Management

Office of Air Resources

Air Quality Specialist - Climate Change & Mobile Sources Programs

401-222-2808 x 2774106

joseph.a.poccia@dem.ri.gov



Rhode Island
Department of
Environmental
Management

OFFICE OF AIR RESOURCES