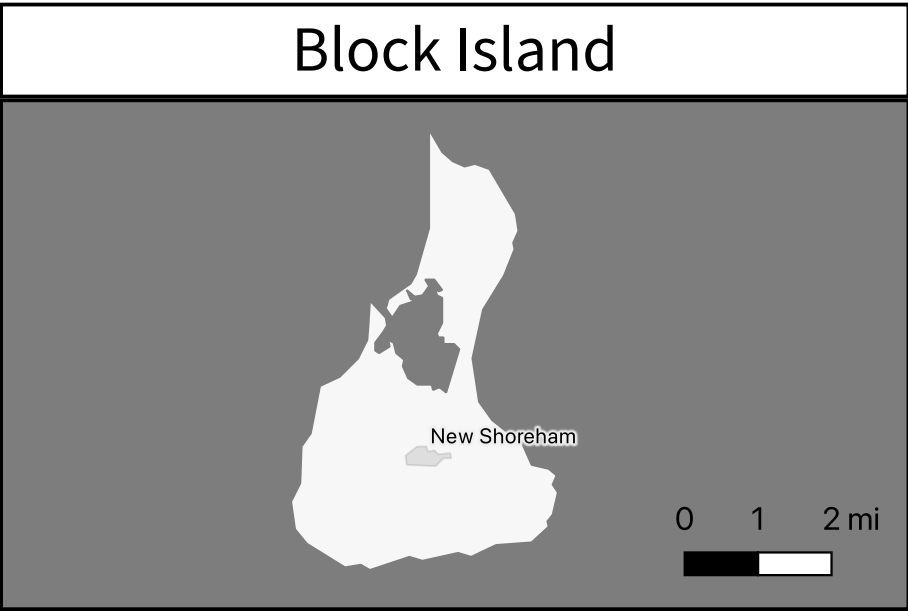
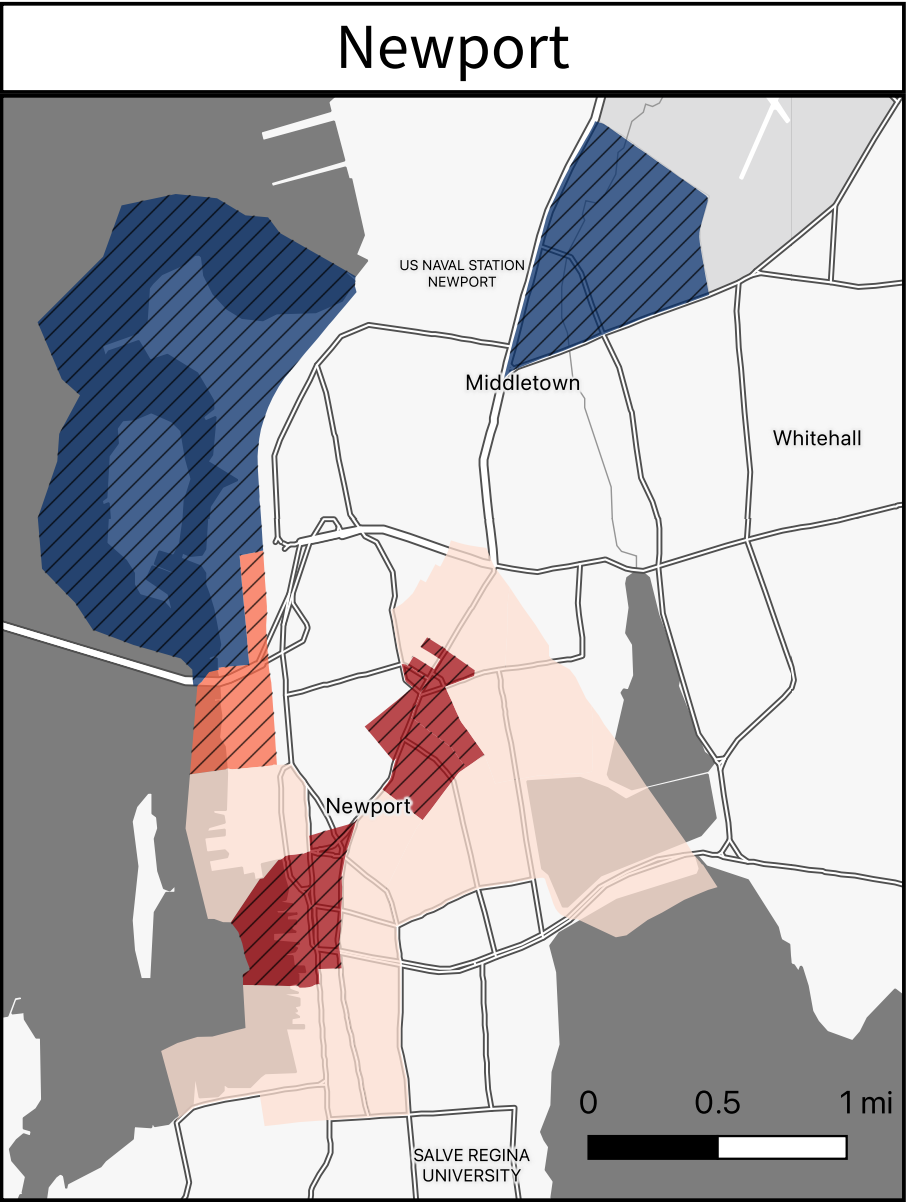
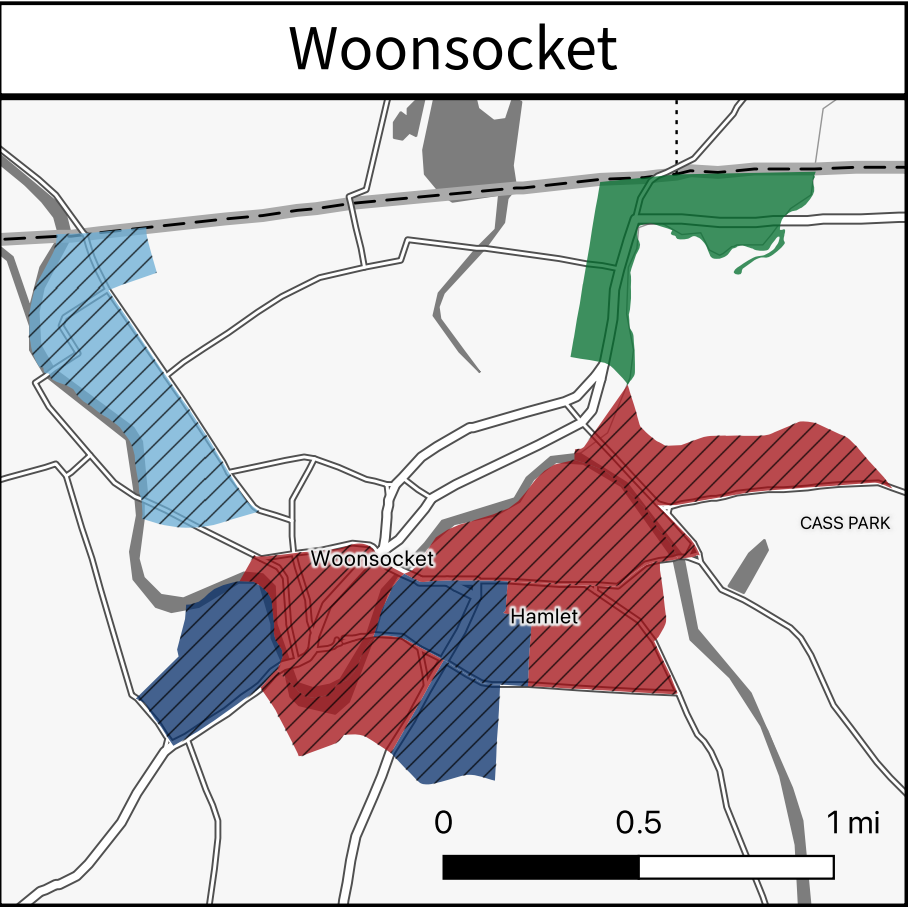
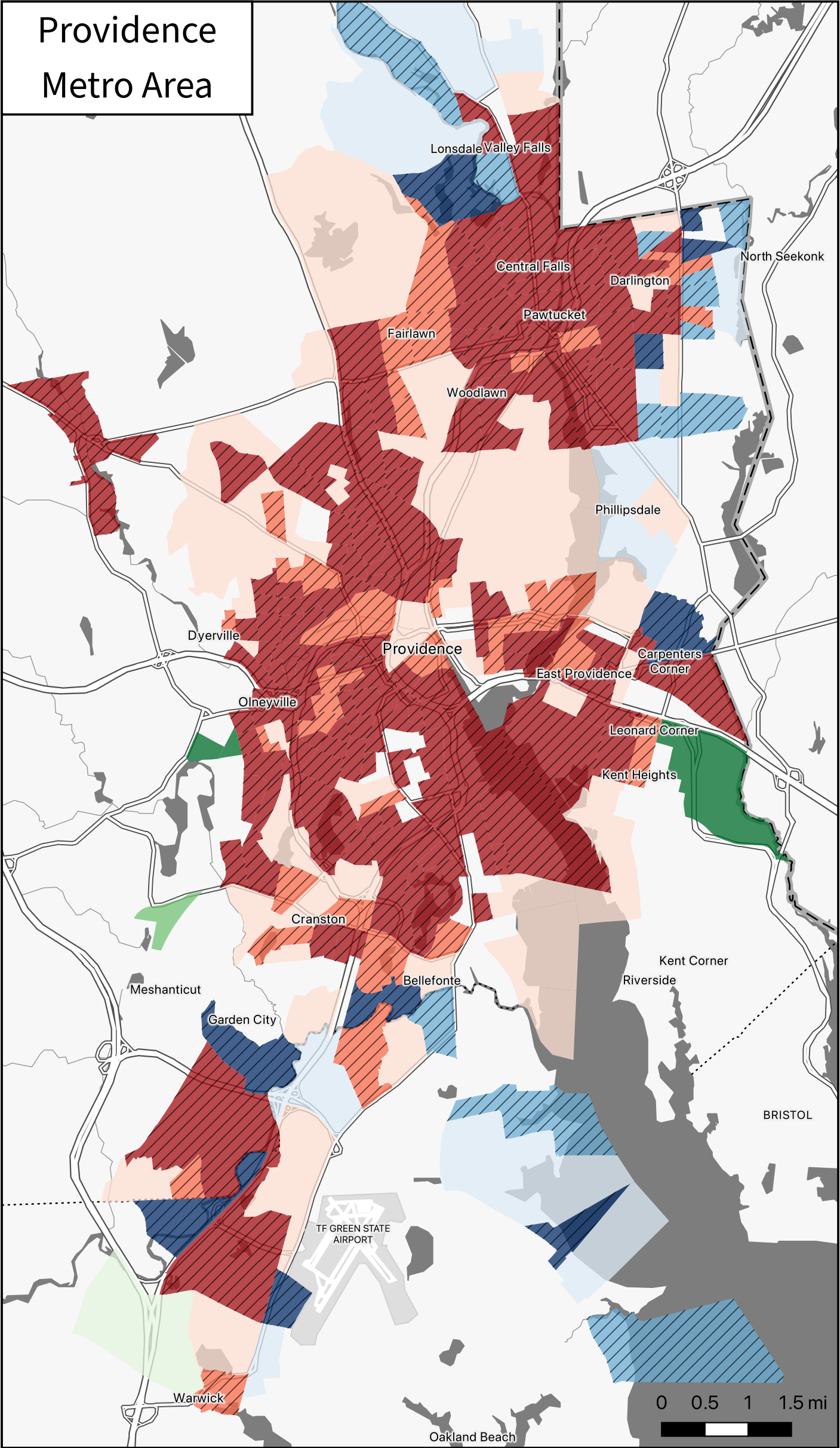
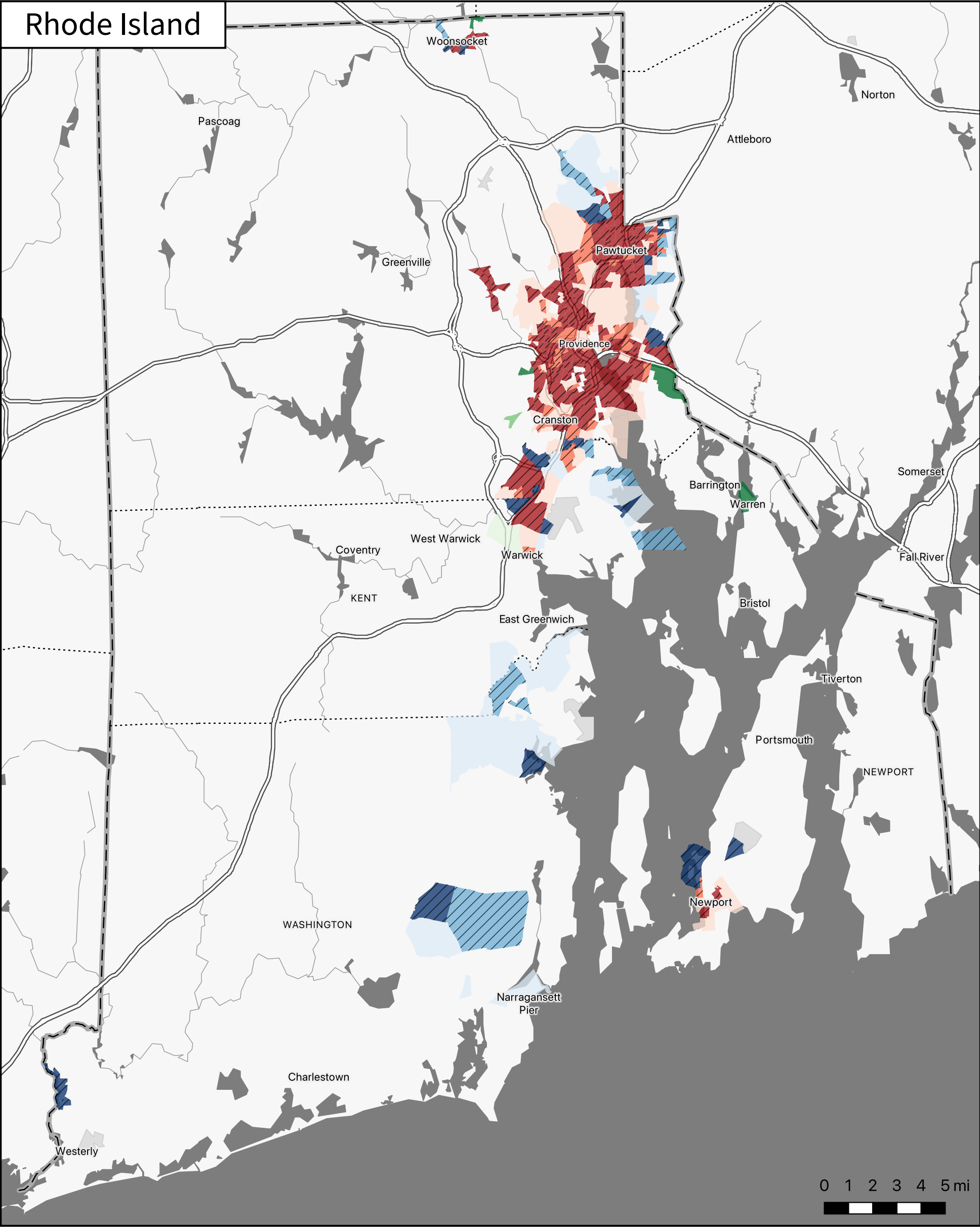


Overburdened Communities in Rhode Island: The Intersection of Environmental Indicators and Median Household Income by Block Group



Key

Both definitions, below 80% MHI	Both definitions, between 80% to 100% MHI	Both definitions, above 100% MHI
Original definition, below 80% MHI	Original definition, between 80% to 100% MHI	Original definition, above 100% MHI
Alternate definition, below 80% MHI	Alternate definition, between 80% to 100% MHI	Alternate definition, above 100% MHI

Protected under Proposed definition (use Environmental Indicator conditions of Original definition but expand MHI threshold to 100%)

Original Definition: Block group is at or above 75th statewide percentile for at least 3 Environmental Indicators: PM 2.5; Ozone; NATA Diesel PM; NATA Cancer Risk; NATA Respiratory Hazard Index; Traffic Proximity; Lead Paint Indicator; Superfund Proximity; Risk Management Plan Facilities Proximity; Hazardous Waste Proximity; Wastewater Discharge Indicator.

Alternate Definition: Block group is at or above 75th statewide percentile for at least 2 Environmental Indicators: PM 2.5; NATA Diesel PM; NATA Cancer Risk; NATA Respiratory Hazard Index; Traffic Proximity; Lead Paint Indicator; Hazardous Waste Proximity.

How to Read this Map:

The three colors (Red, Blue, and Green) show Block Groups (BGs) that meet Environmental Indicator conditions for certain definitions. Red BGs meet both definitions. Keeping the Original definition will include Blue BGs and exclude Green BGs. Switching to the Alternate definition will exclude Blue BGs and include Green BGs.

The intensity of the colors show whether BGs meet different Median Household Income (MHI) conditions. The darkest BGs fall below 80% MHI. Expanding the definition to 100% of MHI will include medium-intensity BGs. The lightest BGs meet Environmental Indicator conditions for that definition but fall above 100% MHI.

Data Sources:

The 2019 Median Household Income (MHI) for Rhode Island is \$71,169, sourced from the American Community Survey's "Income in the Last 12 Months (in 2019 Inflation-Adjusted Dollars)", Table S1901.

Environmental Indicator data is sourced from the EPA's EJSCREEN tool, download available at <http://newftp.epa.gov/EJSCREEN/>.

Block Group-level Median Household Income data is sourced from the American Community Survey's "Median Household Income in the Past 12 Months (in 2019 Inflation-Adjusted Dollars)", Table B19013.