

# ResilientCoasts

FINAL PLAN

APPENDIX III

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## Near-Term Adaptation Areas by Coastal Resilience District



November 2025



# Near-Term Adaptation Areas by District

The maps in this appendix depict the Near-Term Adaptation Areas in Chapter 6 by the Coastal Resilience Districts in Chapter 5. The purpose of providing the information at this scale is to inform district-level coastal resilience planning and prioritization.

## Coastal Resilience Districts

The ResilientCoasts Plan establishes **15 Coastal Resilience Districts** (CRDs) coastwide. CRDs are areas along the Massachusetts coastline with current or future risk from coastal hazards. They are delineated based on common characteristics that can help facilitate coastal resilience planning, prioritization, and project implementation across municipalities.

The landward boundary of the CRDs is primarily defined by the Massachusetts Coast Flood Risk Model (MC-FRM) 2070s extent for the 0.1% annual chance storm event, modeled assuming 4.3 feet of sea level rise (from a 2008 baseline). The effective 0.1% annual chance flood extent used in the ResilientCoasts Plan represents a very extreme event that includes areas with an annual chance flood extent greater than zero (0.1% when rounded up to the nearest tenth percent).

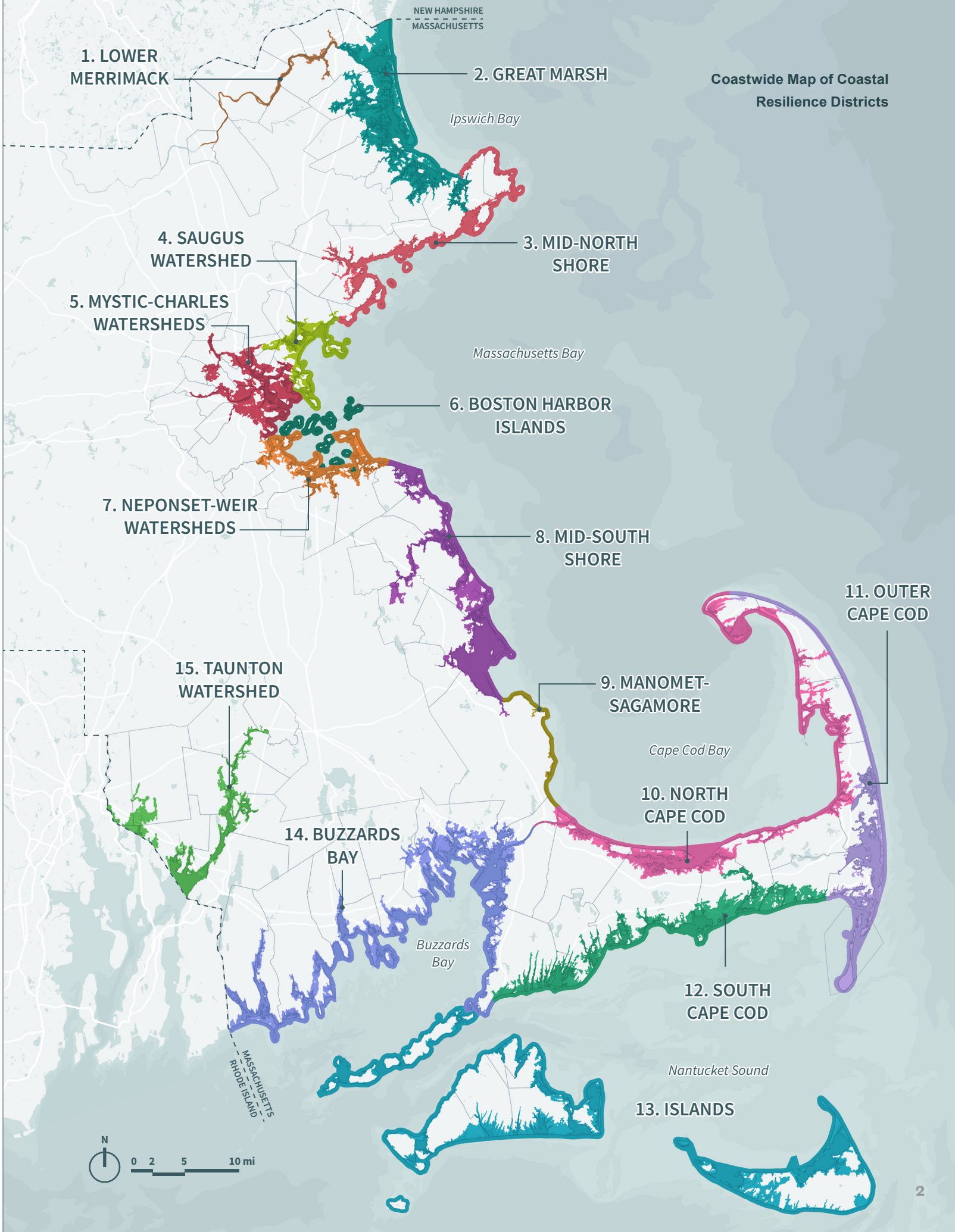
CRDs have some areas of higher elevation within them that are not directly exposed to flooding based on the MC-FRM projections for the 2070s 0.1% annual chance storm event. Although these areas will not face direct flood risks, they will likely encounter ingress and egress challenges related to evacuation and isolation during major coastal flood events. The boundaries of the CRDs are intended to portray long-term risk from coastal hazards and therefore exclude these “evacuation and isolation risk areas.” However, they are nonetheless important to consider when devising district-scale strategies for coastal resilience. For more information, see Appendix I.

## Near-Term Adaptation Areas

**Near-Term Adaptation Areas** are places on the coast that have near-term coastal flood risk. They are categorized according to the concentration of people and housing, built infrastructure, and economic resources at risk. To identify these areas, ResilientCoasts relies on the MC-FRM projected flood extent for the 1% annual chance storm event in the 2030s based on a sea level rise scenario of 1.3 feet above the 2008 baseline. For more information, see Appendix II. Because they are more narrowly focused, Near-Term Adaptation Areas cover a smaller area than the CRD boundaries. The purpose of mapping Near-Term Adaptation Areas is to inform coastwide and district-level priorities for coastal resilience.

The following maps depict Near-Term Adaptation Areas by CRD, including sector-based maps for people and housing, built infrastructure, and economic resources. The Boston Harbor Islands CRD is omitted from these district-level maps because there is relatively no year-round population on the islands and relatively little built infrastructure or economic resources at risk. It is important to note that while data has been clipped to the boundaries of the CRD, natural resources like salt marshes have not been removed or masked. In some cases, maps may appear to show a concentration of people and housing, built infrastructure, or economic resources in these areas as a result.

Cross-sector maps by CRD are also included, which depict the Near-Term Adaptation Areas categorized as having a **Very High Concentration** of vulnerability across one or more of the three sectors. Note that the Manomet-Sagamore CRD did not have any Near-Term Adaptation Areas that were categorized as Very High Concentration of vulnerability and thus the cross-sector map for that CRD is blank. For more information, see Appendix II.

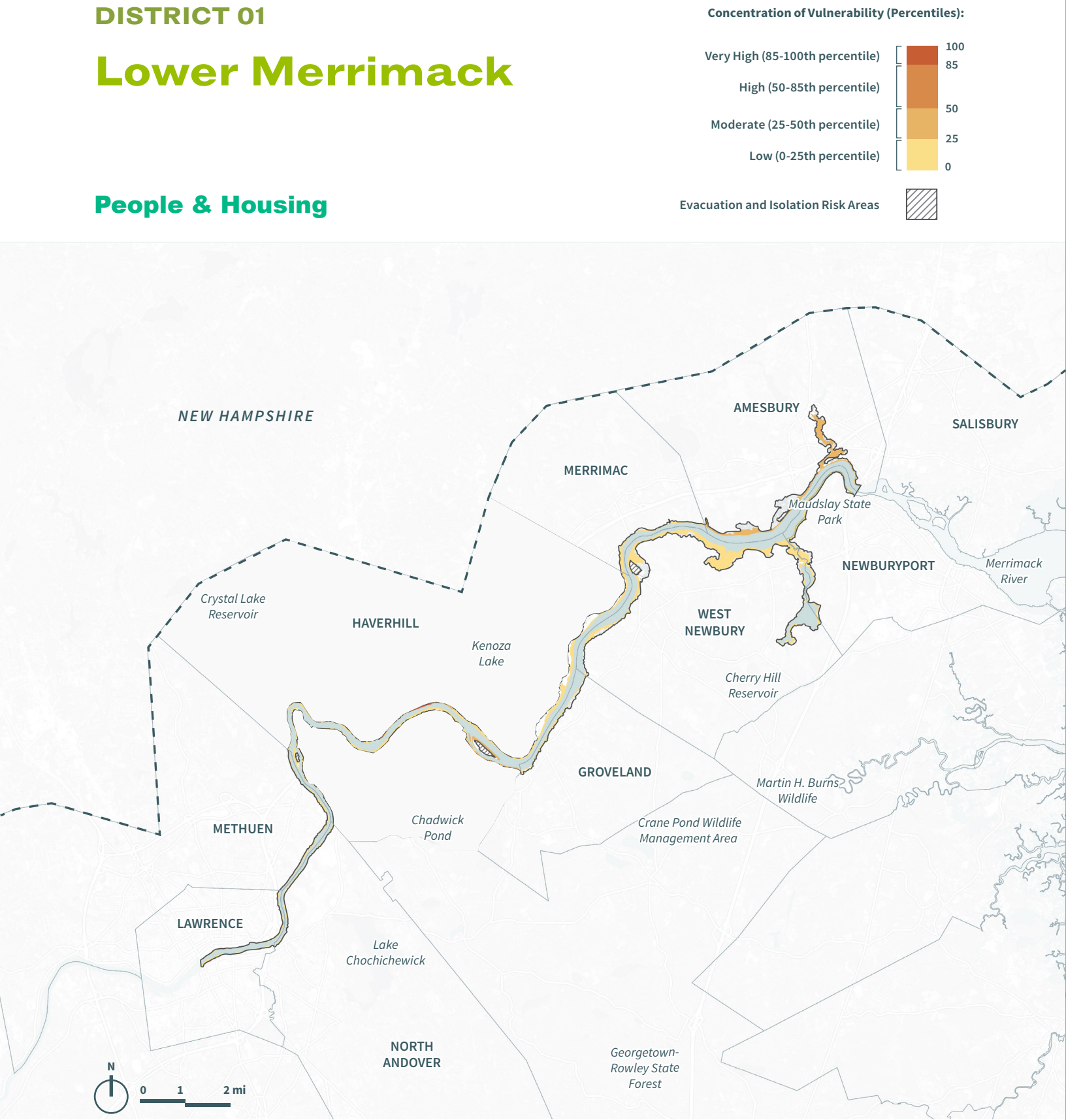




DISTRICT 01

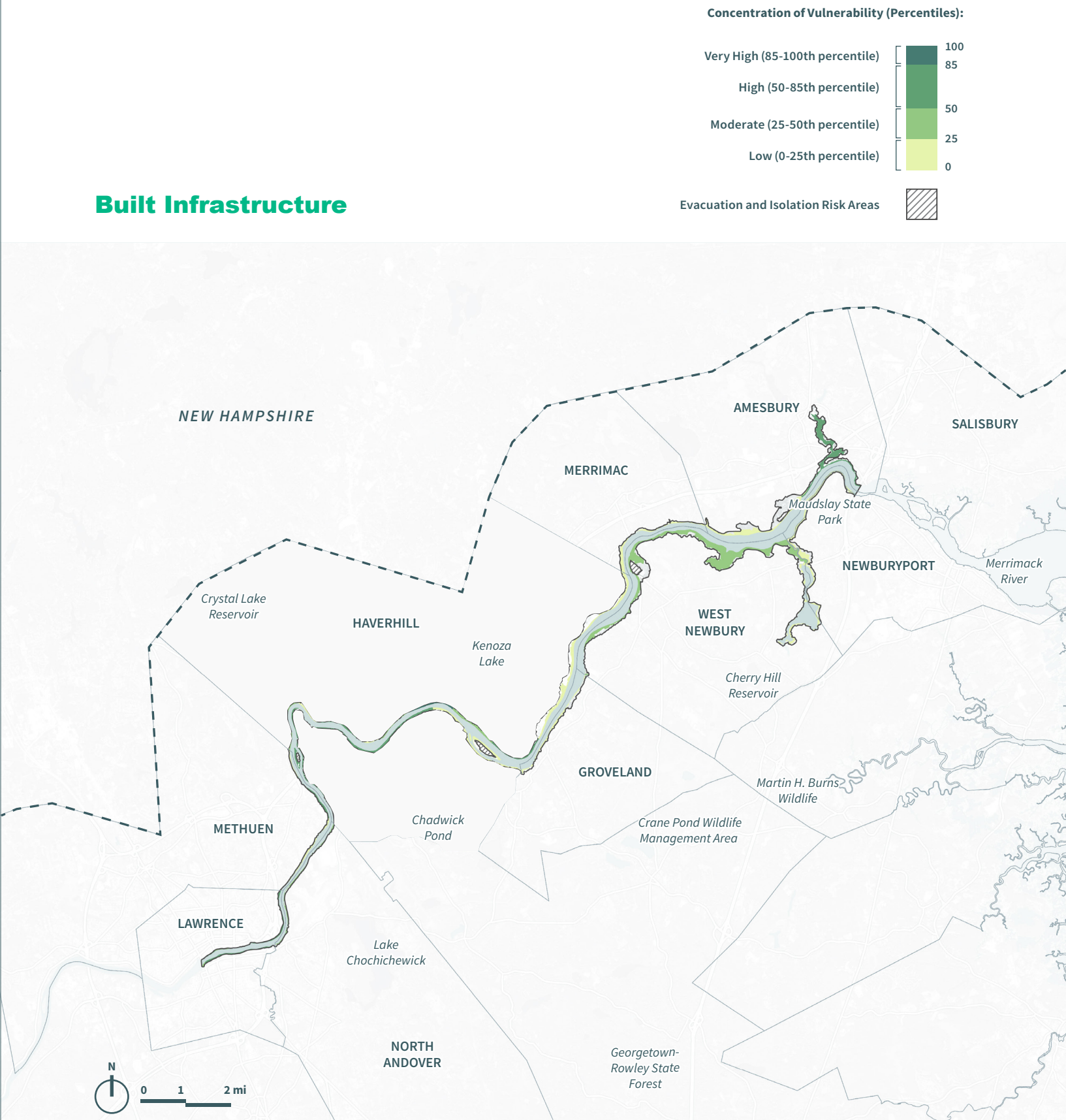
Lower Merrimack

People & Housing



Map A3.1: Relative Concentration of Near-Term Vulnerability of People & Housing in the Lower Merrimack District.

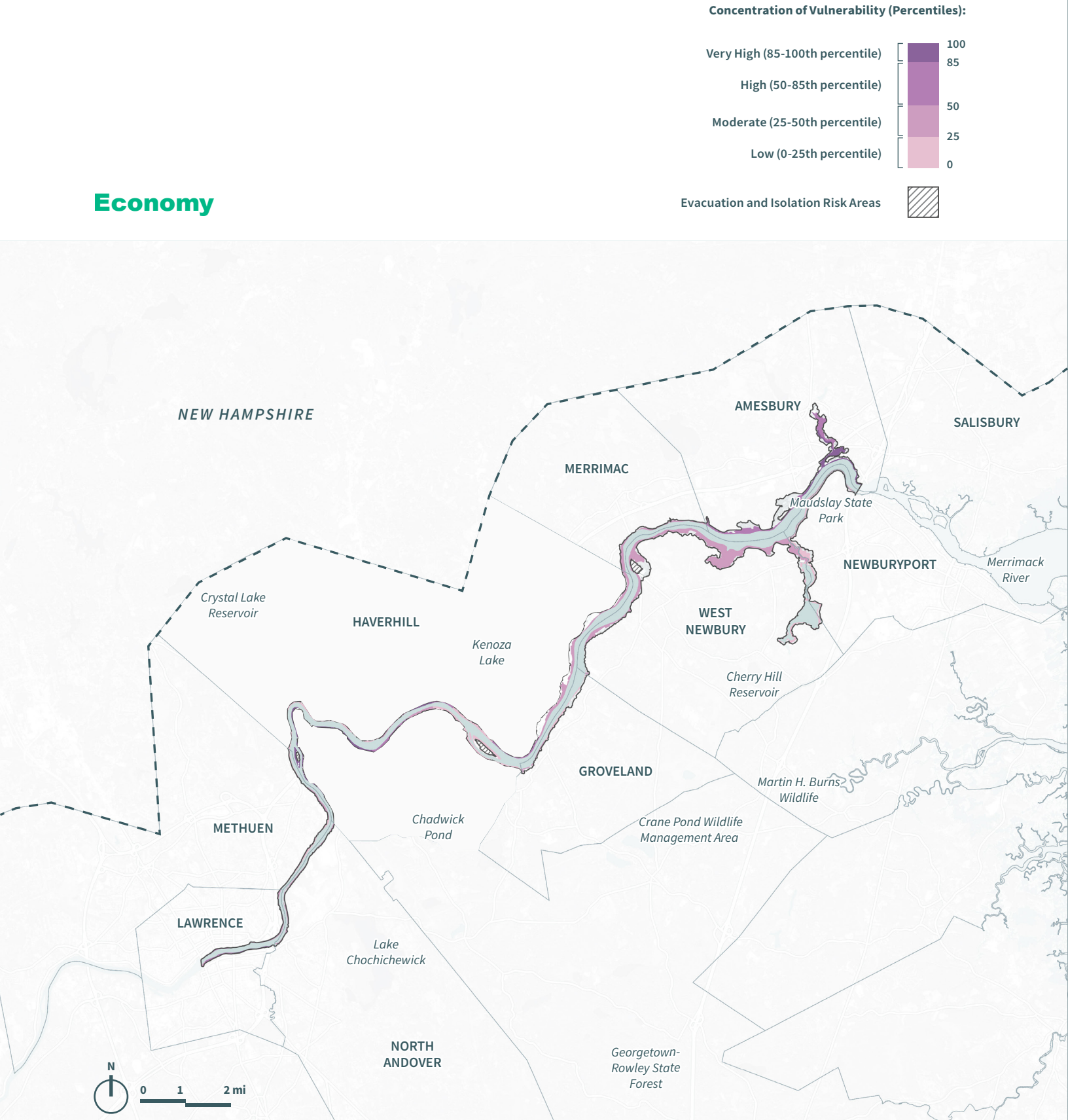
Built Infrastructure



Map A3.2: Relative Concentration of Near-Term Vulnerability of Built Infrastructure in the Lower Merrimack District.

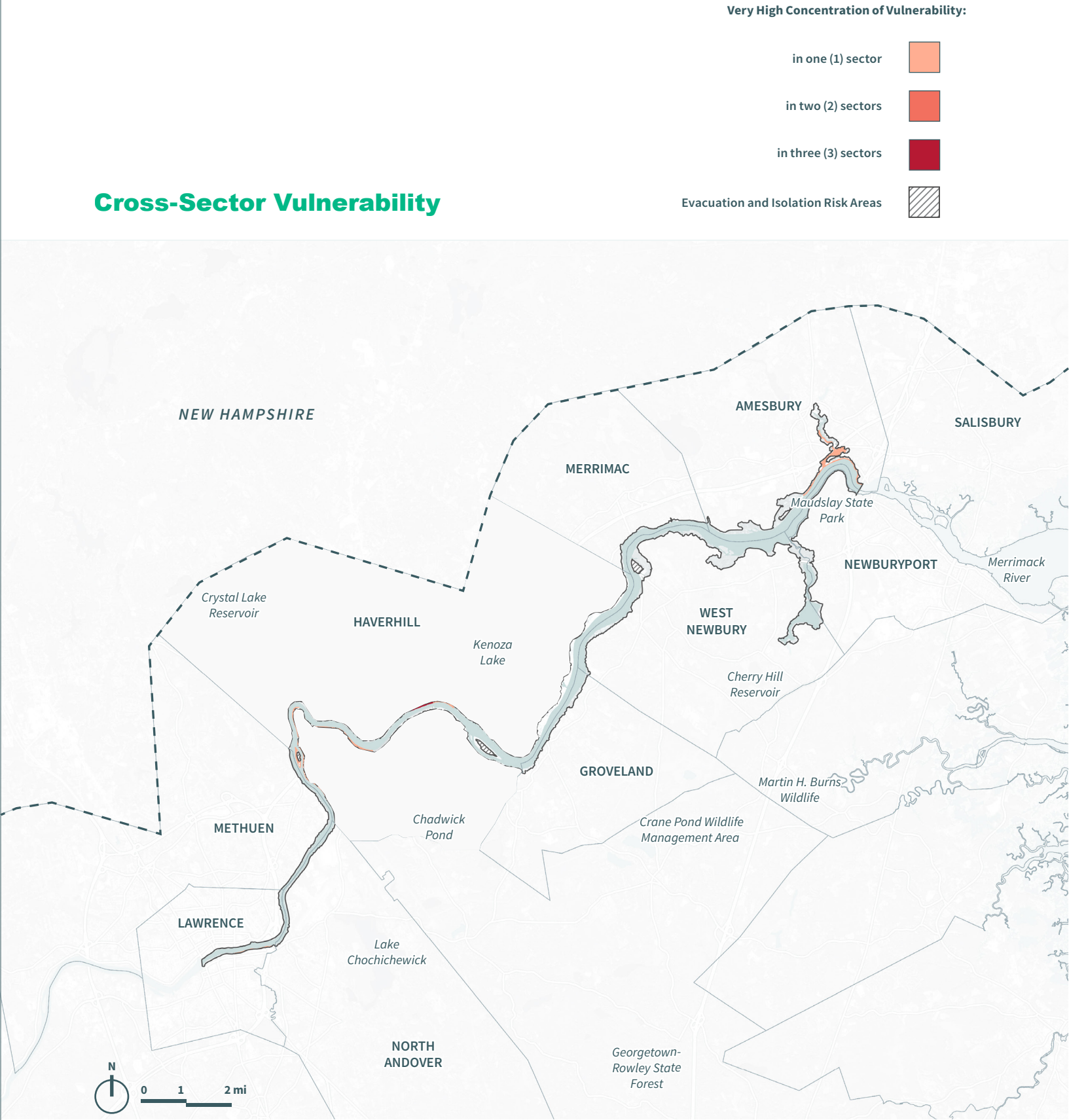


Economy



Map A3.3: Relative Concentration of Near-Term Vulnerability of Economy in the Lower Merrimack District.

Cross-Sector Vulnerability



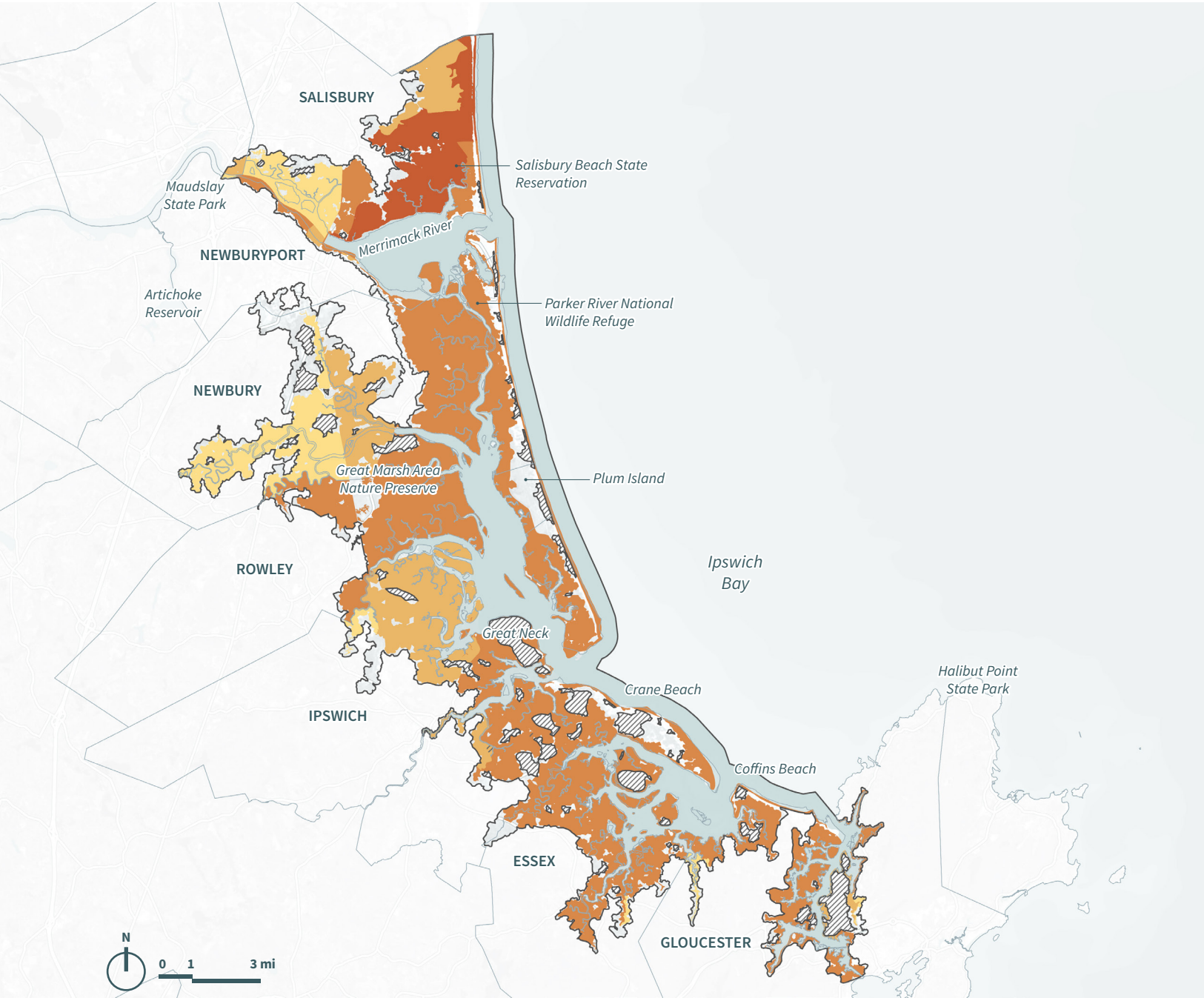
Map A3.4: Relative Concentration of Near-Term Cross-Sector Vulnerability in the Lower Merrimack District.



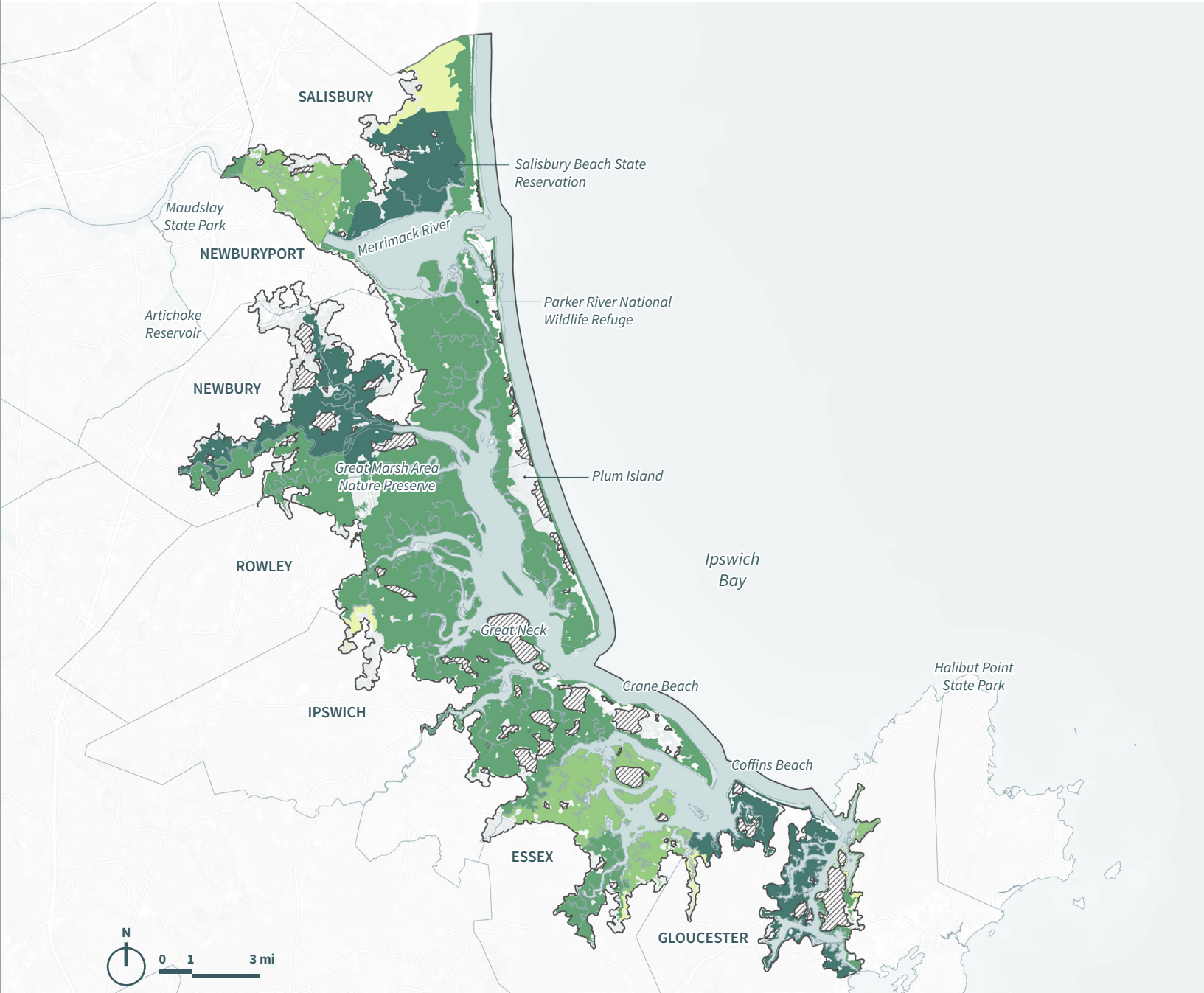
DISTRICT 02

Great Marsh

People & Housing

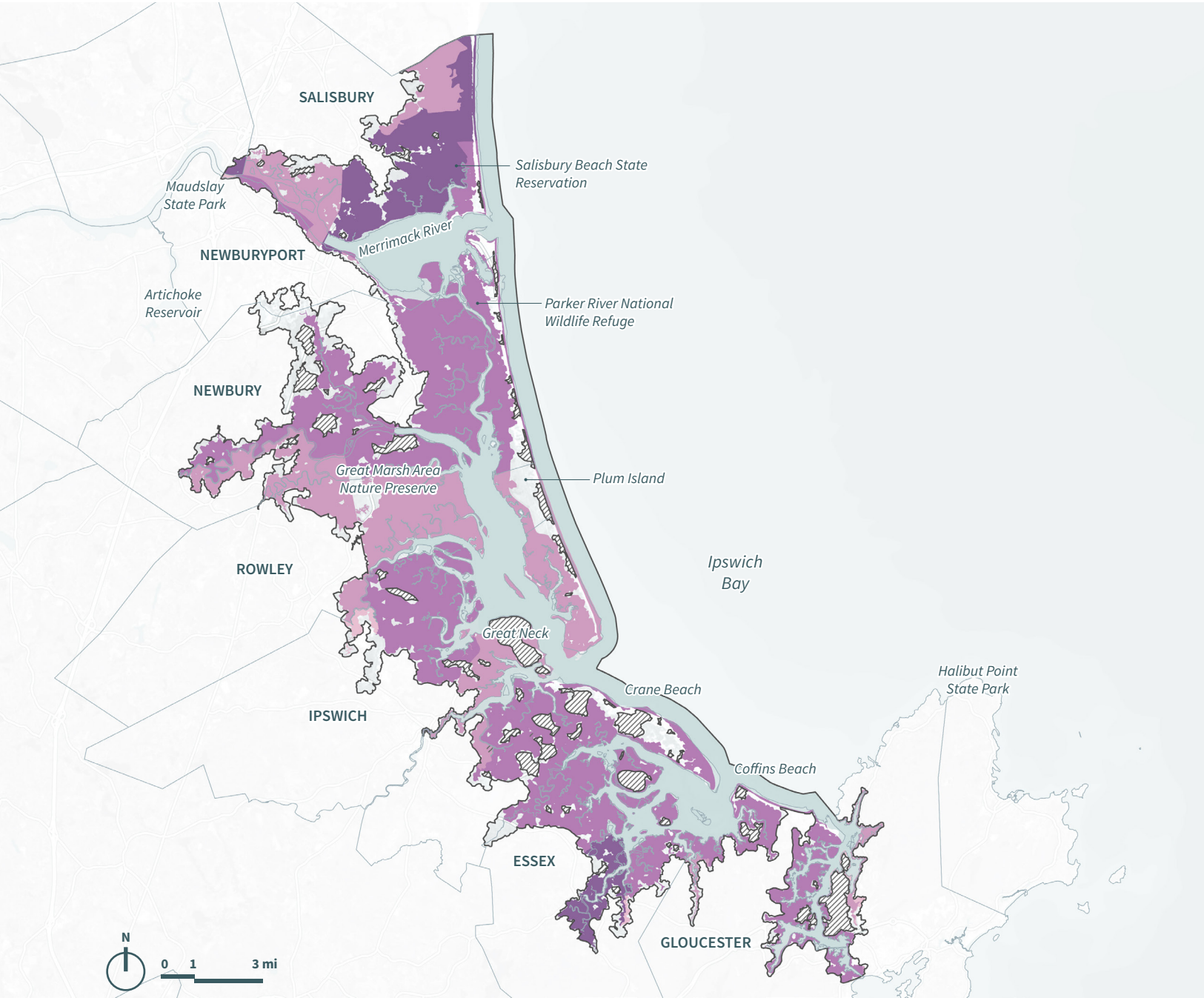


Built Infrastructure



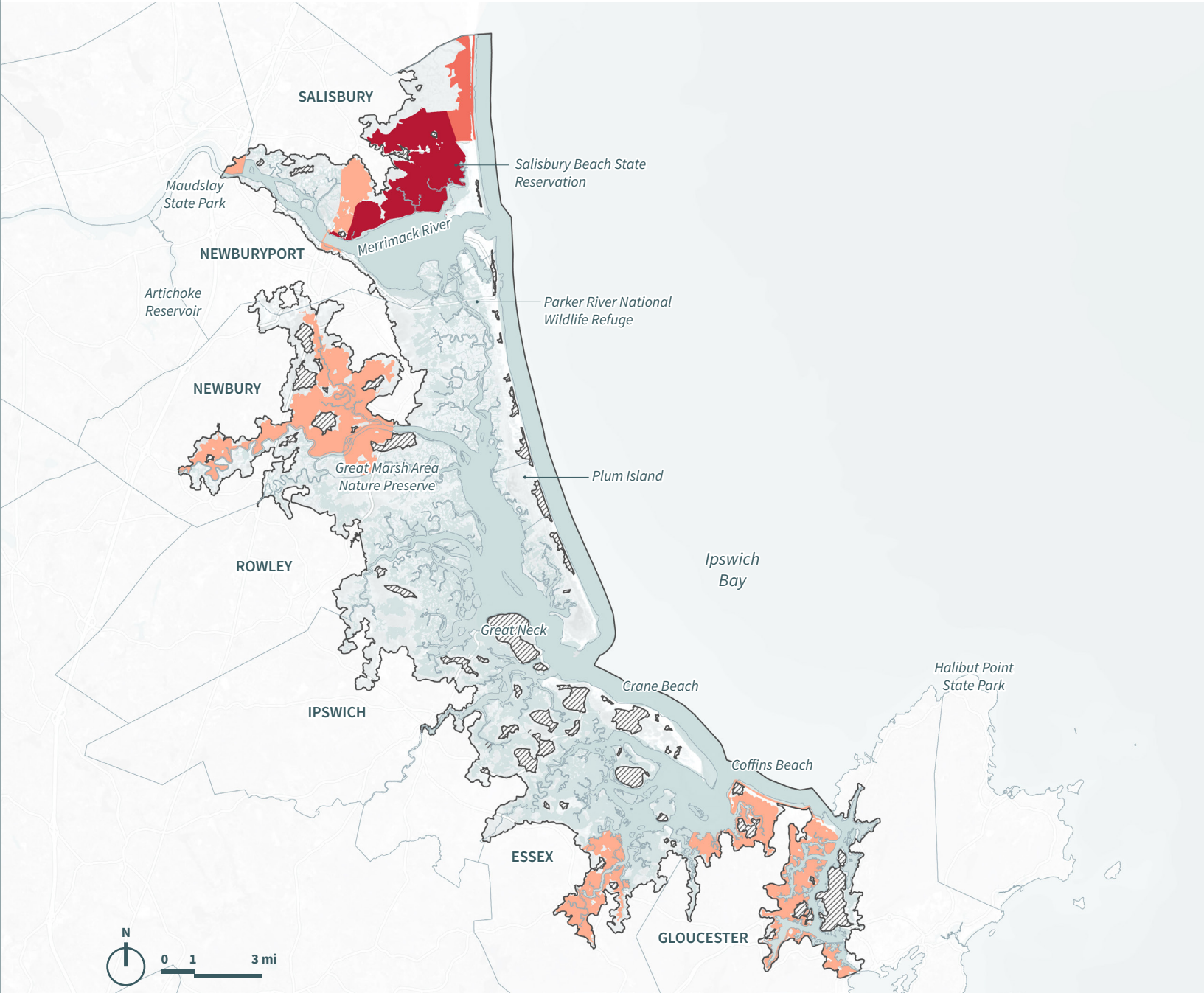


Economy



Map A3.7: Relative Concentration of Near-Term Vulnerability of Economy in the Great Marsh District.

Cross-Sector Vulnerability



Map A3.8: Relative Concentration of Near-Term Cross-Sector Vulnerability in the Great Marsh District.



DISTRICT 03

Mid-North Shore

People & Housing

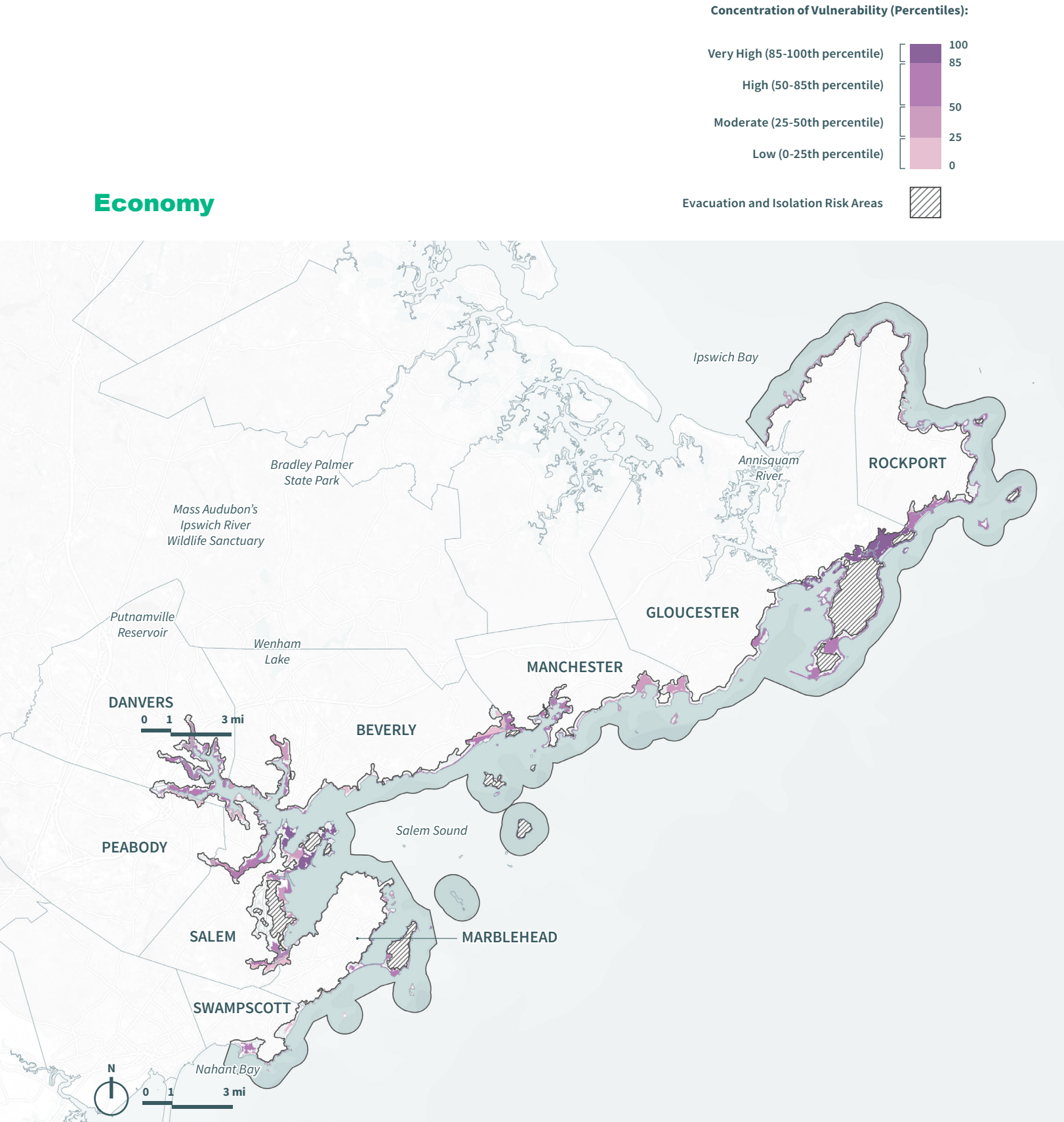


Built Infrastructure



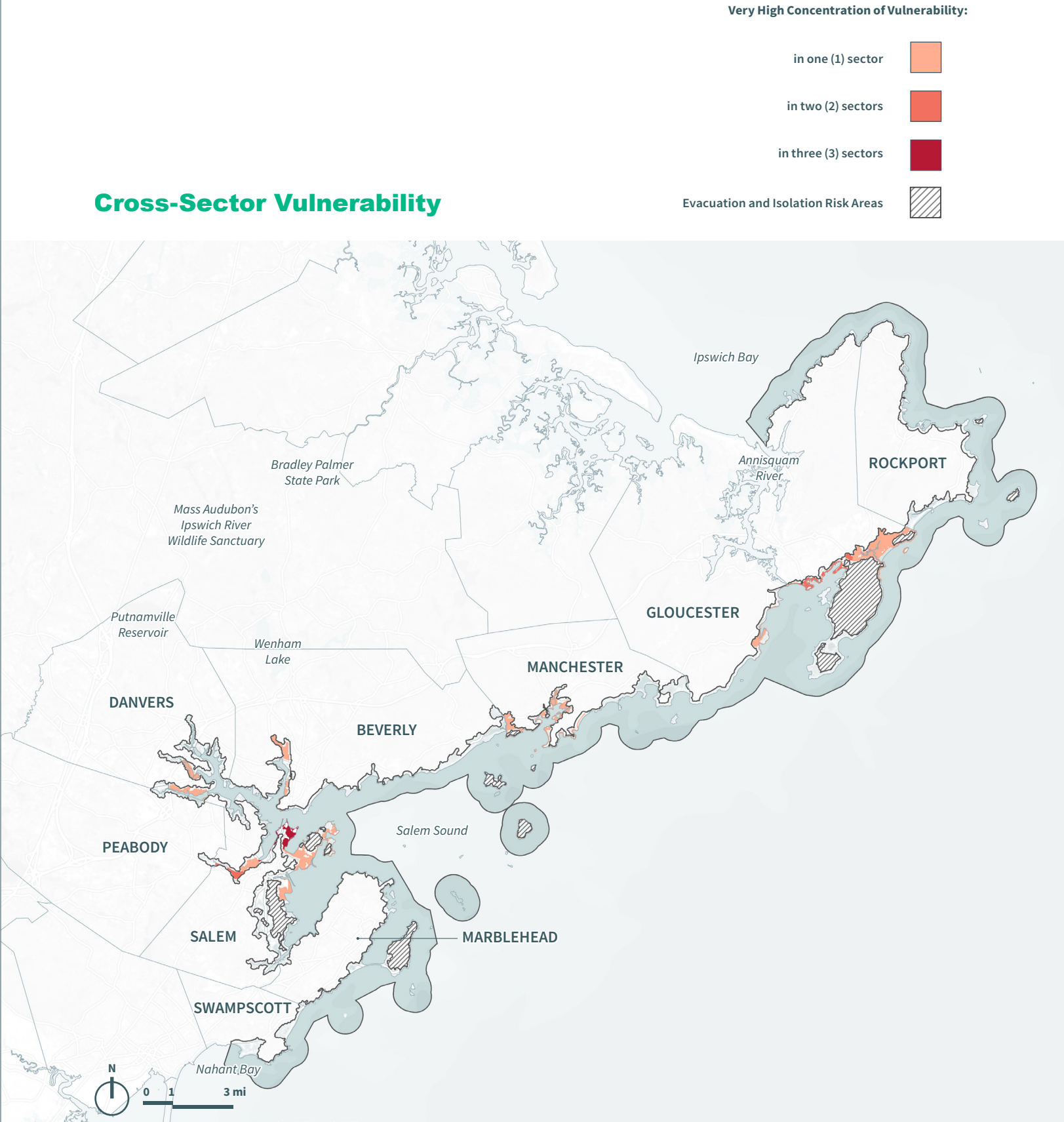


Economy



Map A3.11: Relative Concentration of Near-Term Vulnerability of Economy in the Mid-North Shore District.

Cross-Sector Vulnerability



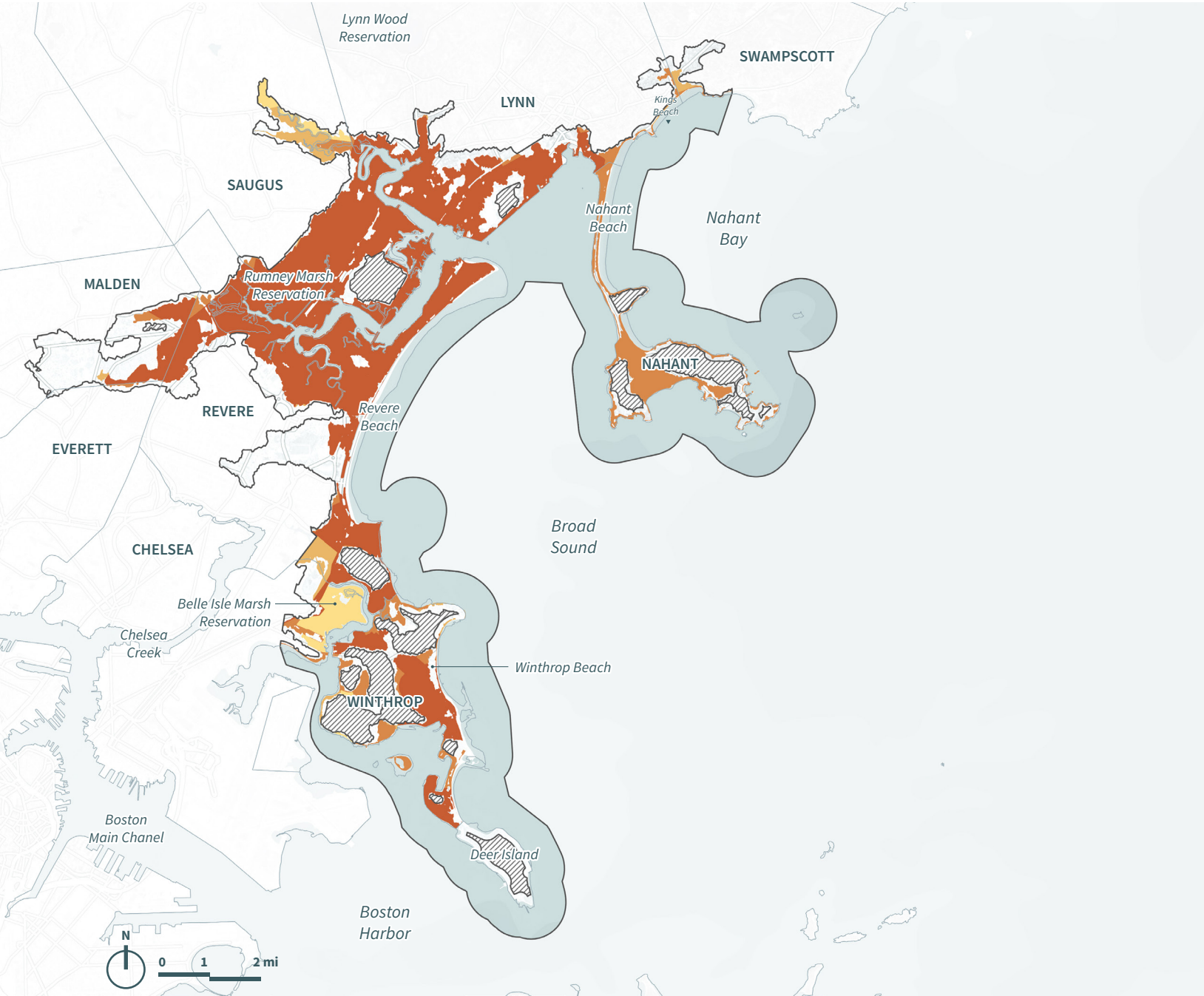
Map A3.12: Relative Concentration of Near-Term Cross-Sector Vulnerability in the Mid-North Shore District.



DISTRICT 04

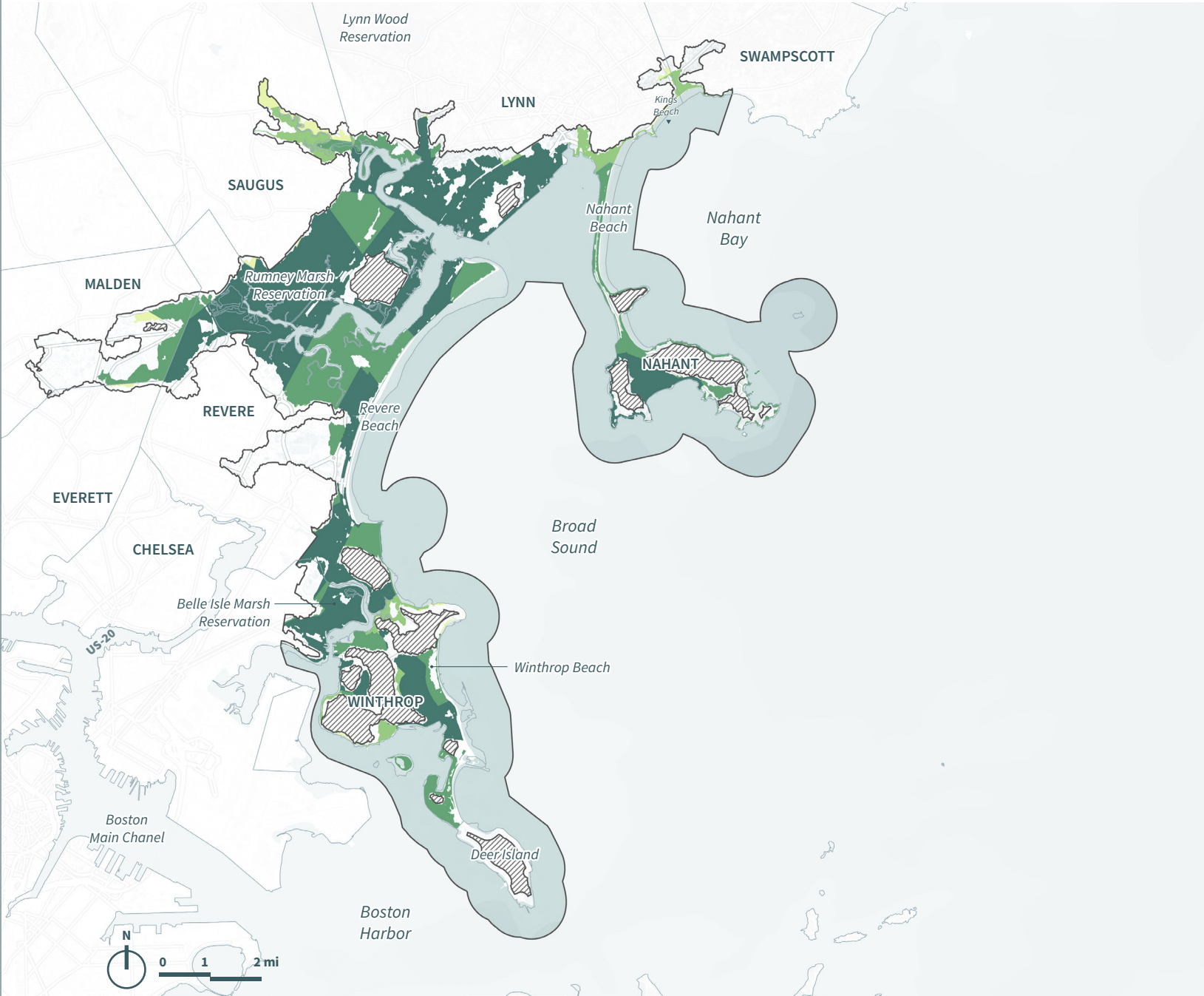
Saugus Watershed

People & Housing



Map A3.13: Relative Concentration of Near-Term Vulnerability of People & Housing in the Saugus Watershed District.

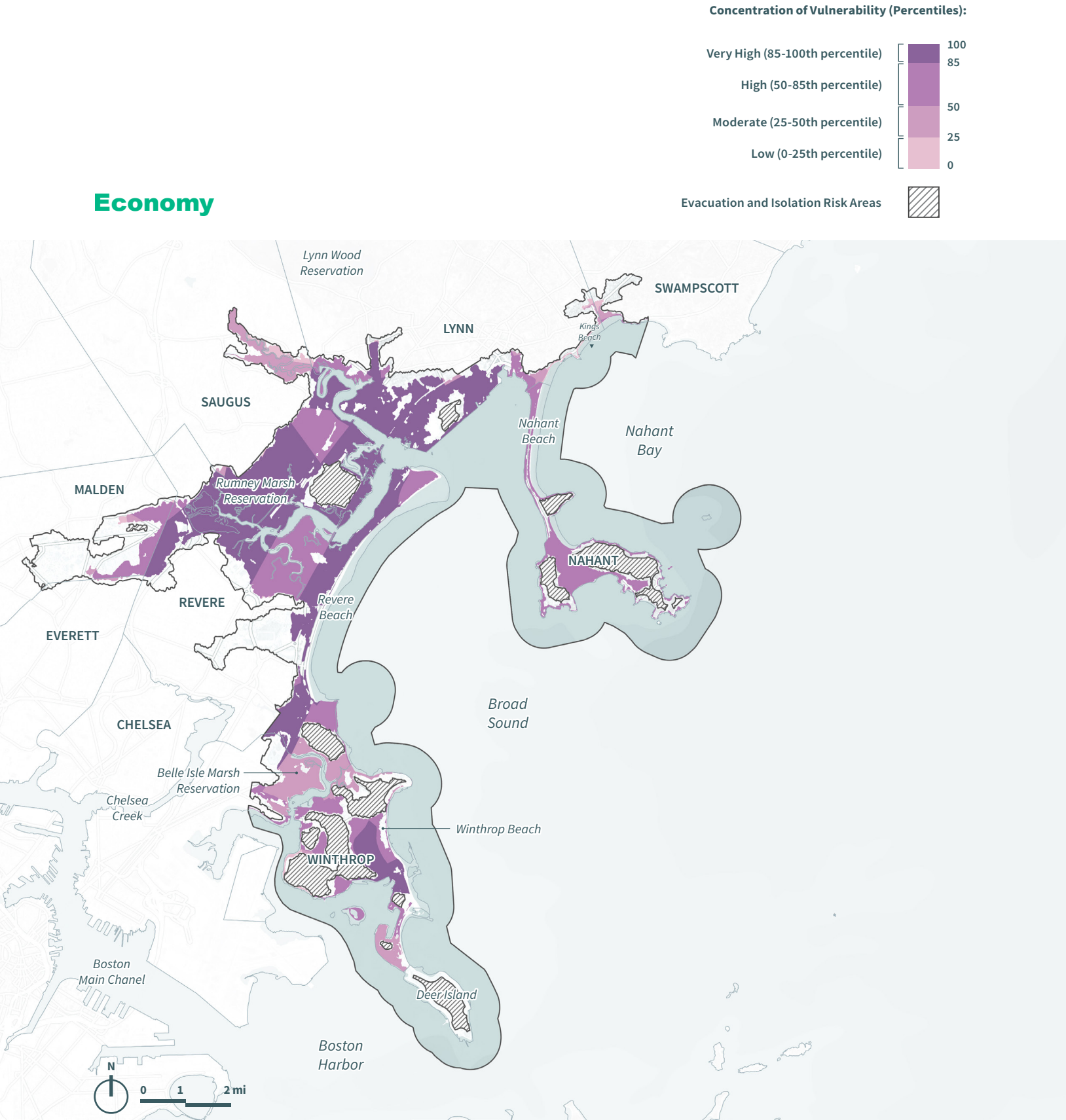
Built Infrastructure



Map A3.14: Relative Concentration of Near-Term Vulnerability of Built Infrastructure in the Saugus Watershed District.

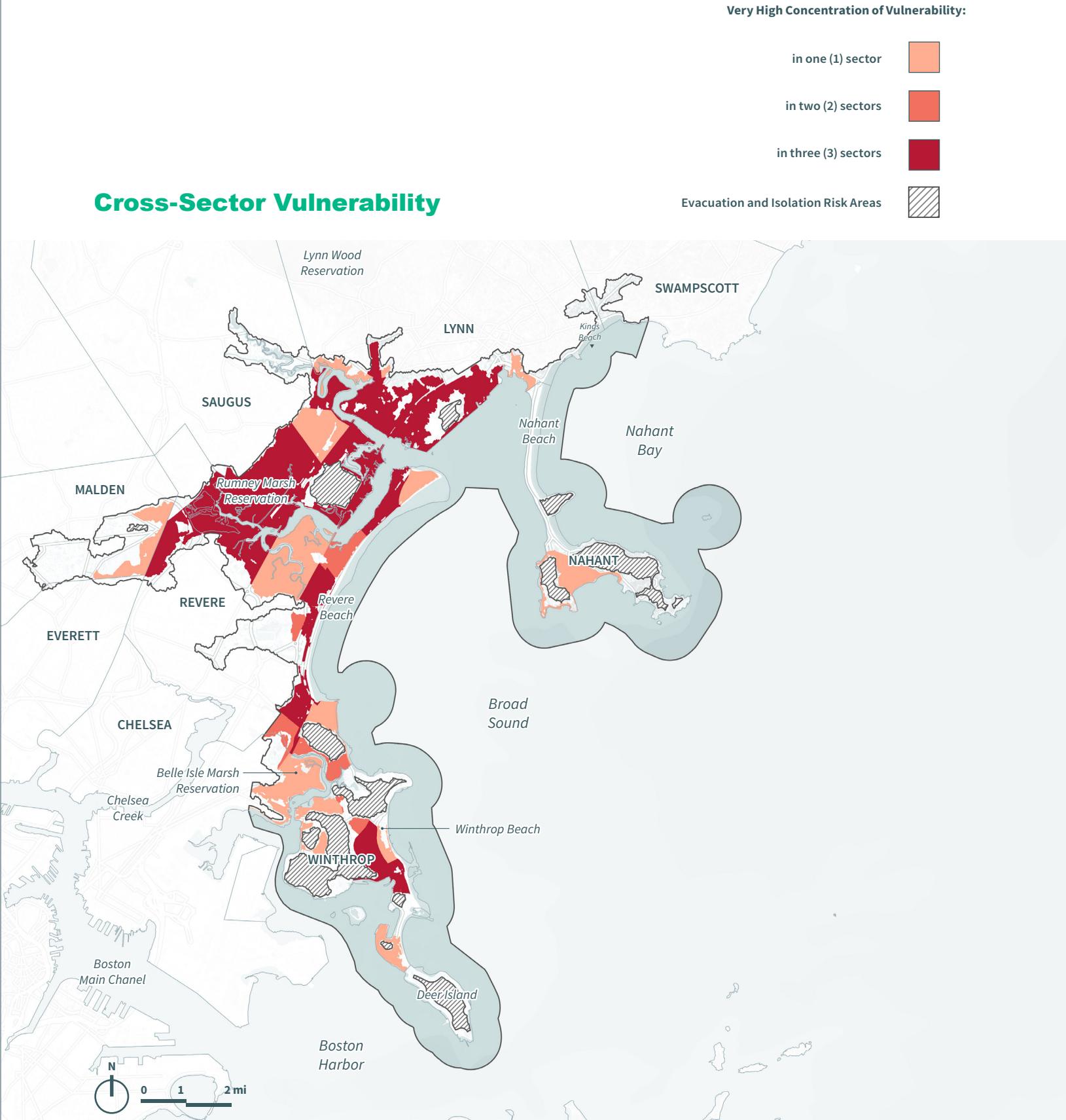


Economy



Map A3.15: Relative Concentration of Near-Term Vulnerability of Economy in the Saugus Watershed District.

Cross-Sector Vulnerability



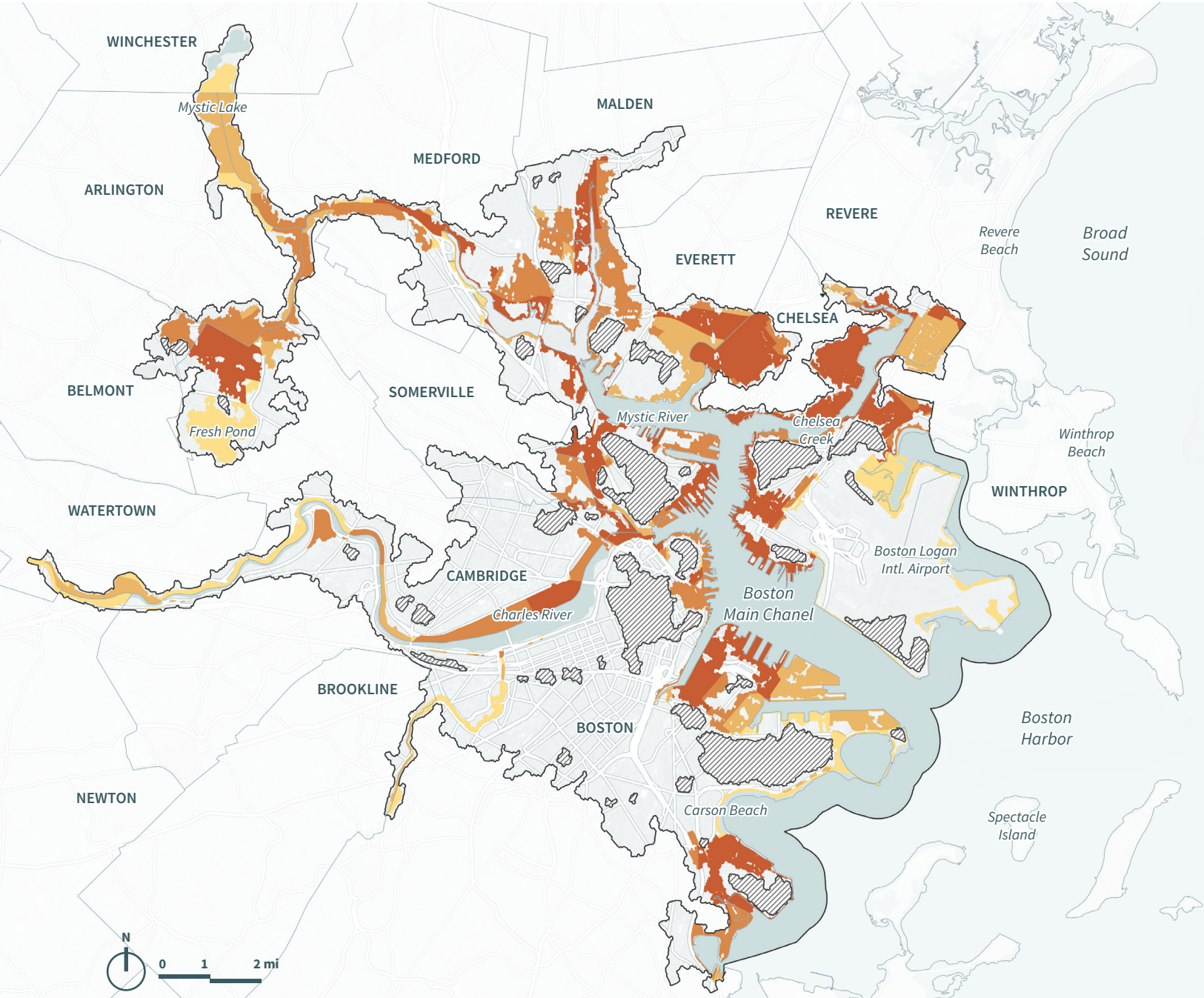
Map A3.16: Relative Concentration of Near-Term Cross-Sector Vulnerability in the Saugus Watershed District.



DISTRICT 05

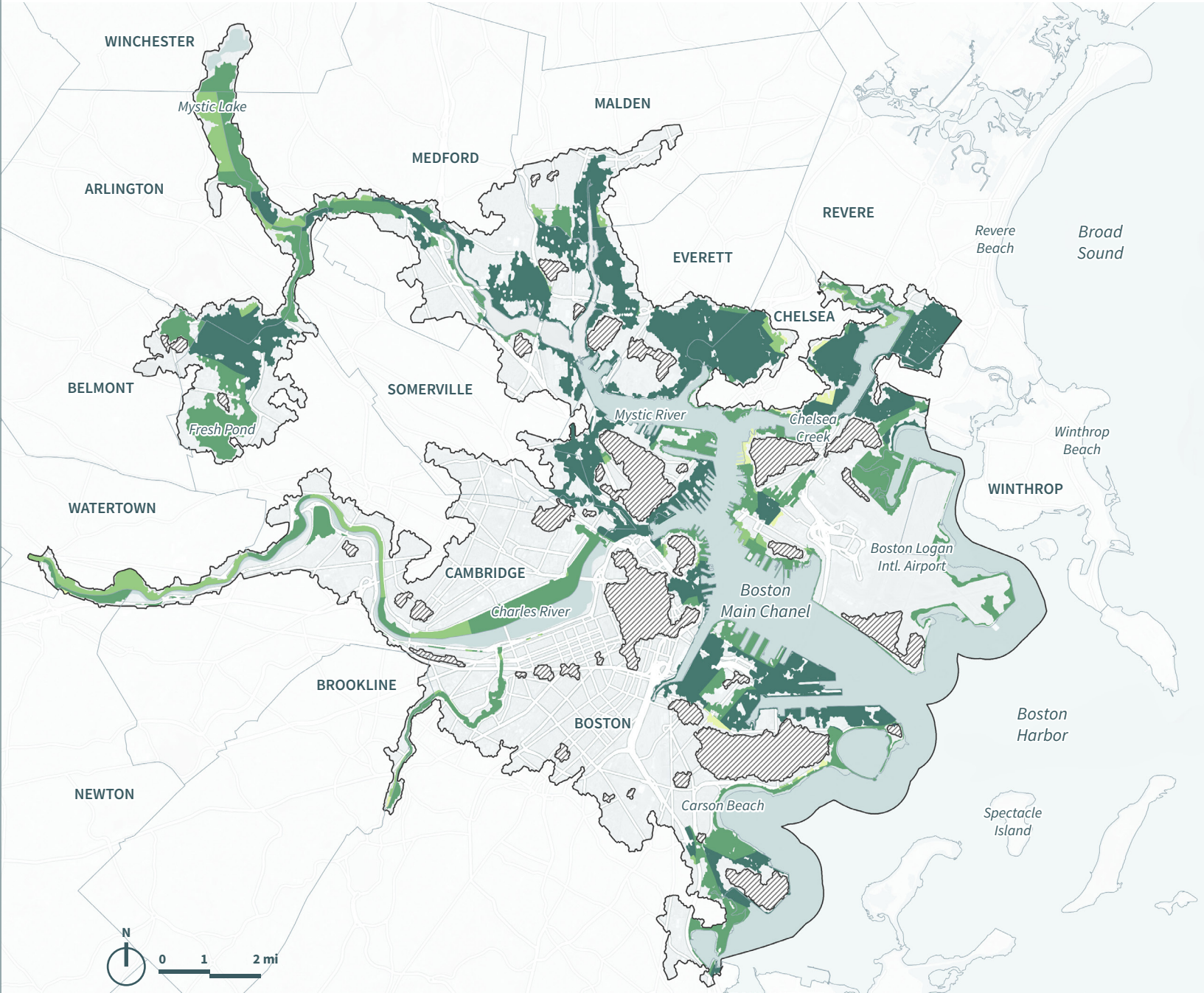
# Mystic-Charles Watersheds

People & Housing



Map A3.17: Relative Concentration of Near-Term Vulnerability of People & Housing in the Mystic-Charles Watersheds District.

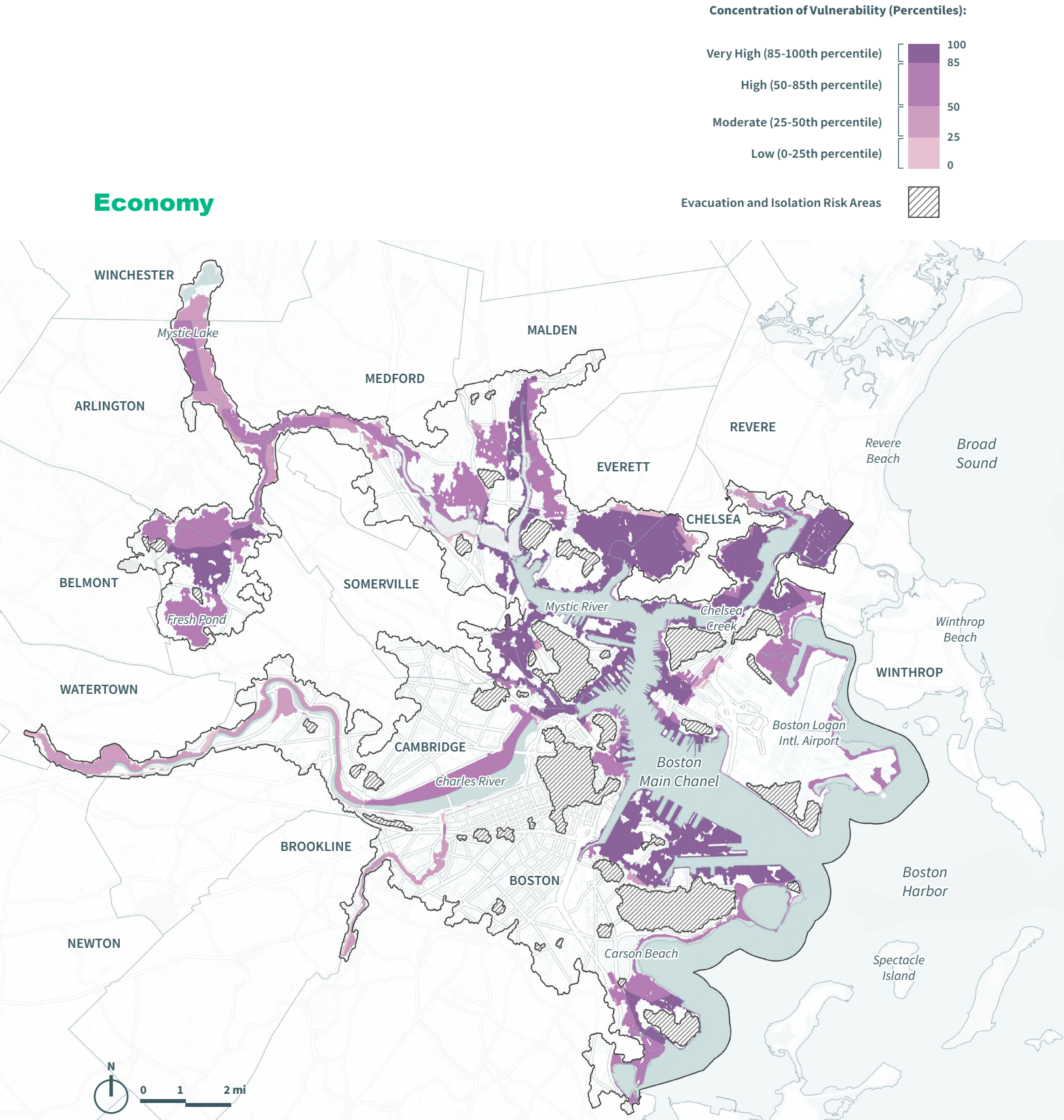
Built Infrastructure



Map A3.18: Relative Concentration of Near-Term Vulnerability of Built Infrastructure in the Mystic-Charles Watersheds District.

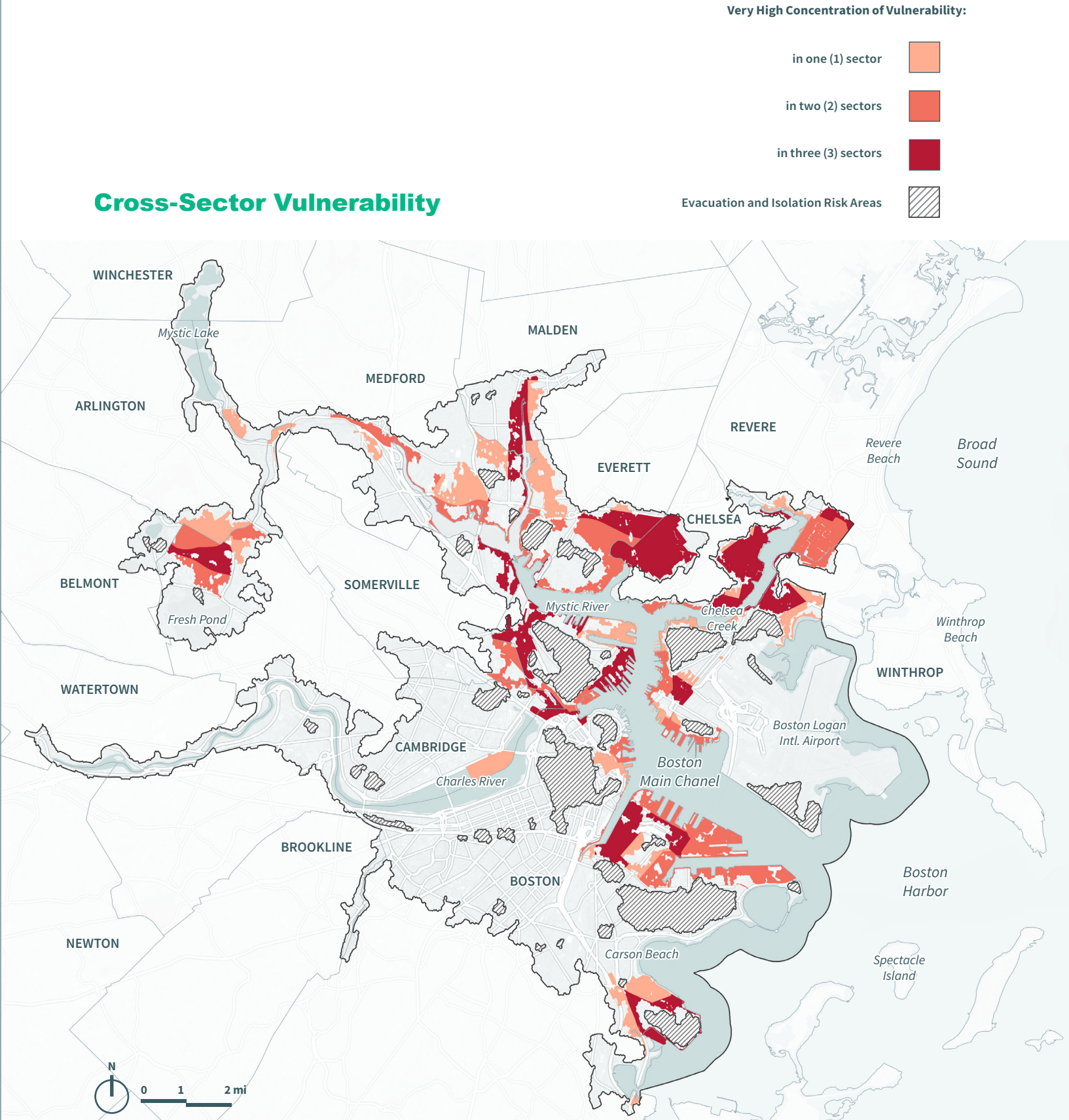


Economy



Map A3.19: Relative Concentration of Near-Term Vulnerability of Economy in the Mystic-Charles Watersheds District.

Cross-Sector Vulnerability



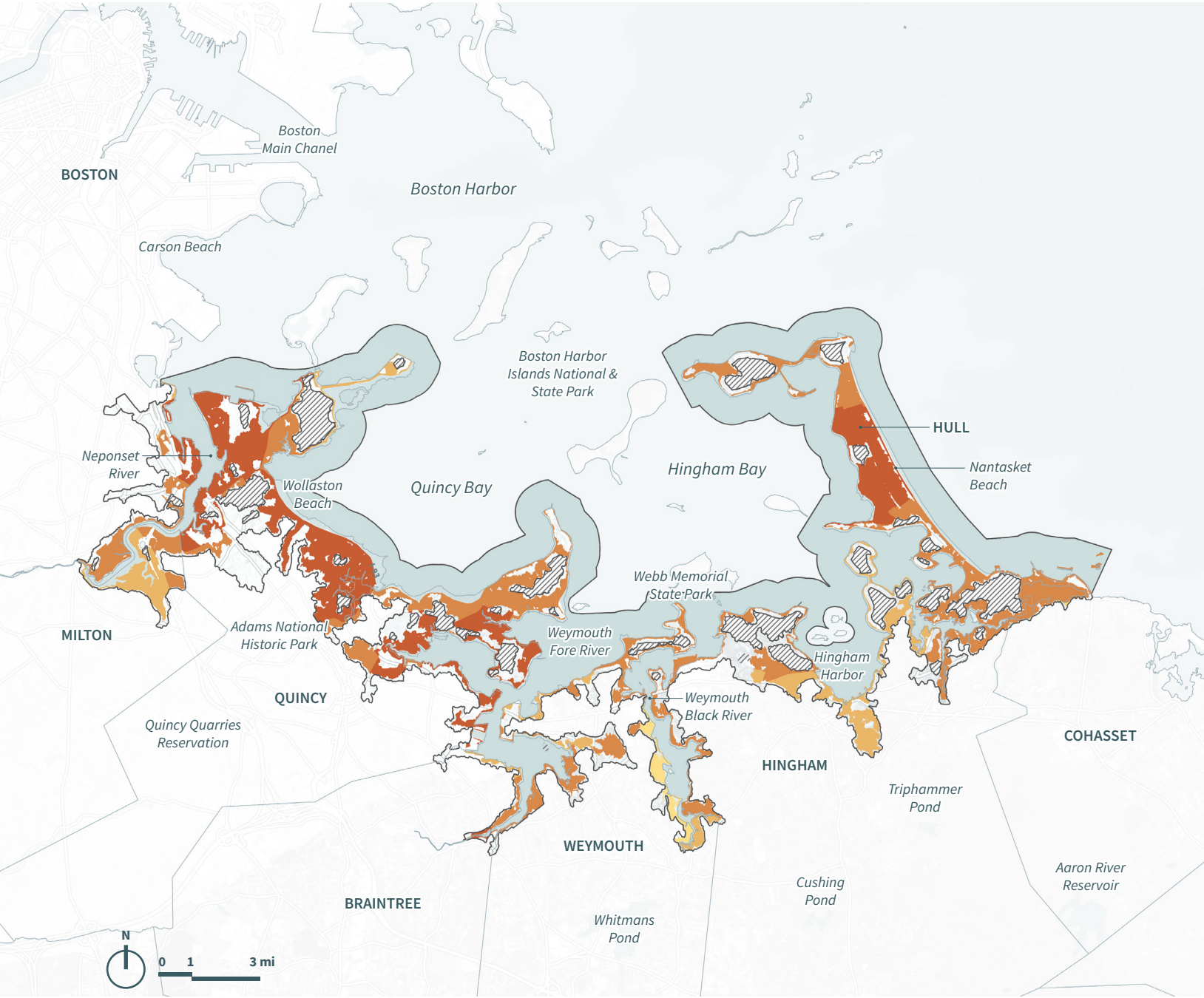
Map A3.20: Relative Concentration of Near-Term Cross-Sector Vulnerability in the Mystic-Charles Watersheds District.



DISTRICT 07

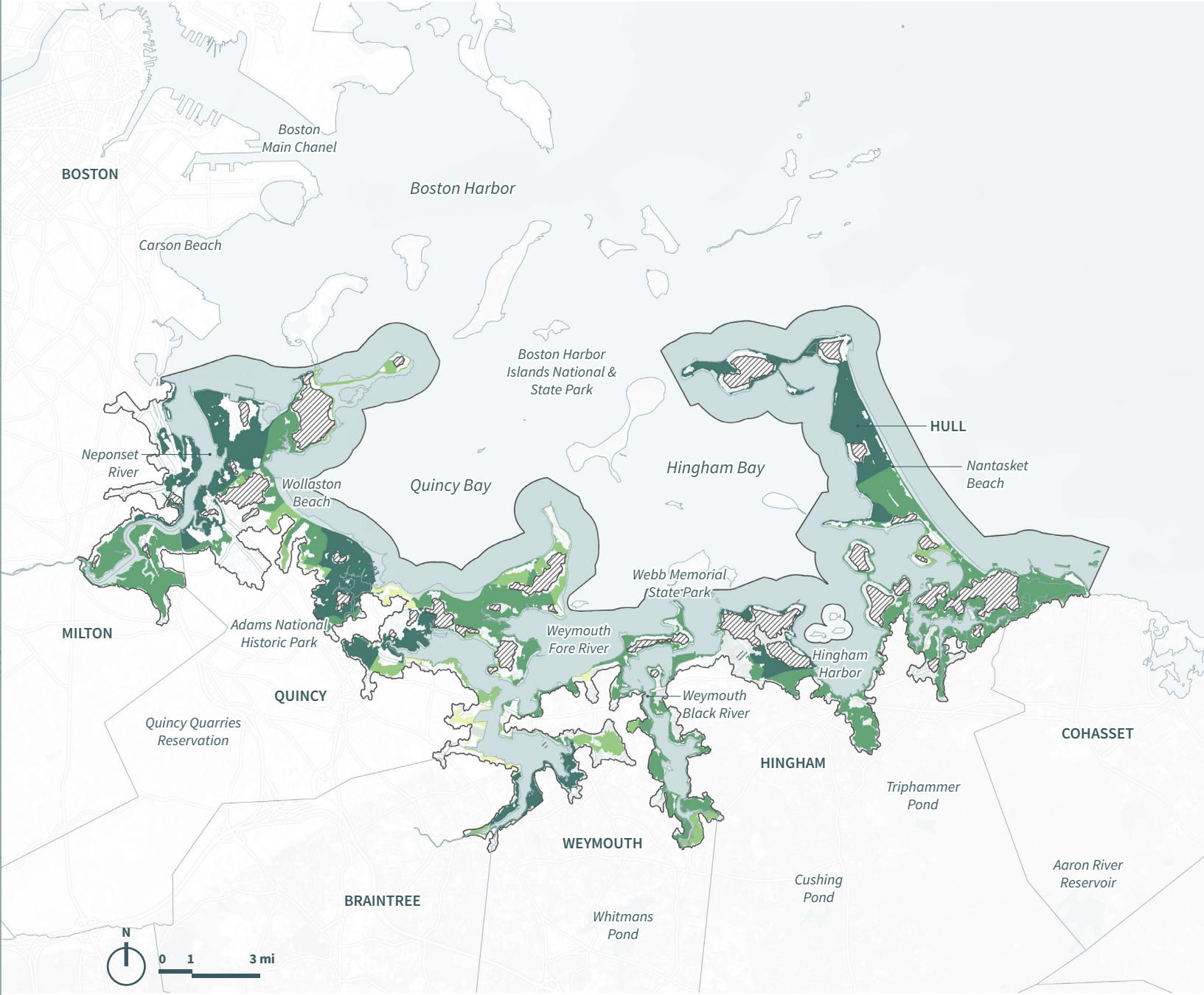
# Neponset-Weir Watersheds

People & Housing



Map A3.21: Relative Concentration of Near-Term Vulnerability of People & Housing in the Neponset-Weir Watersheds District.

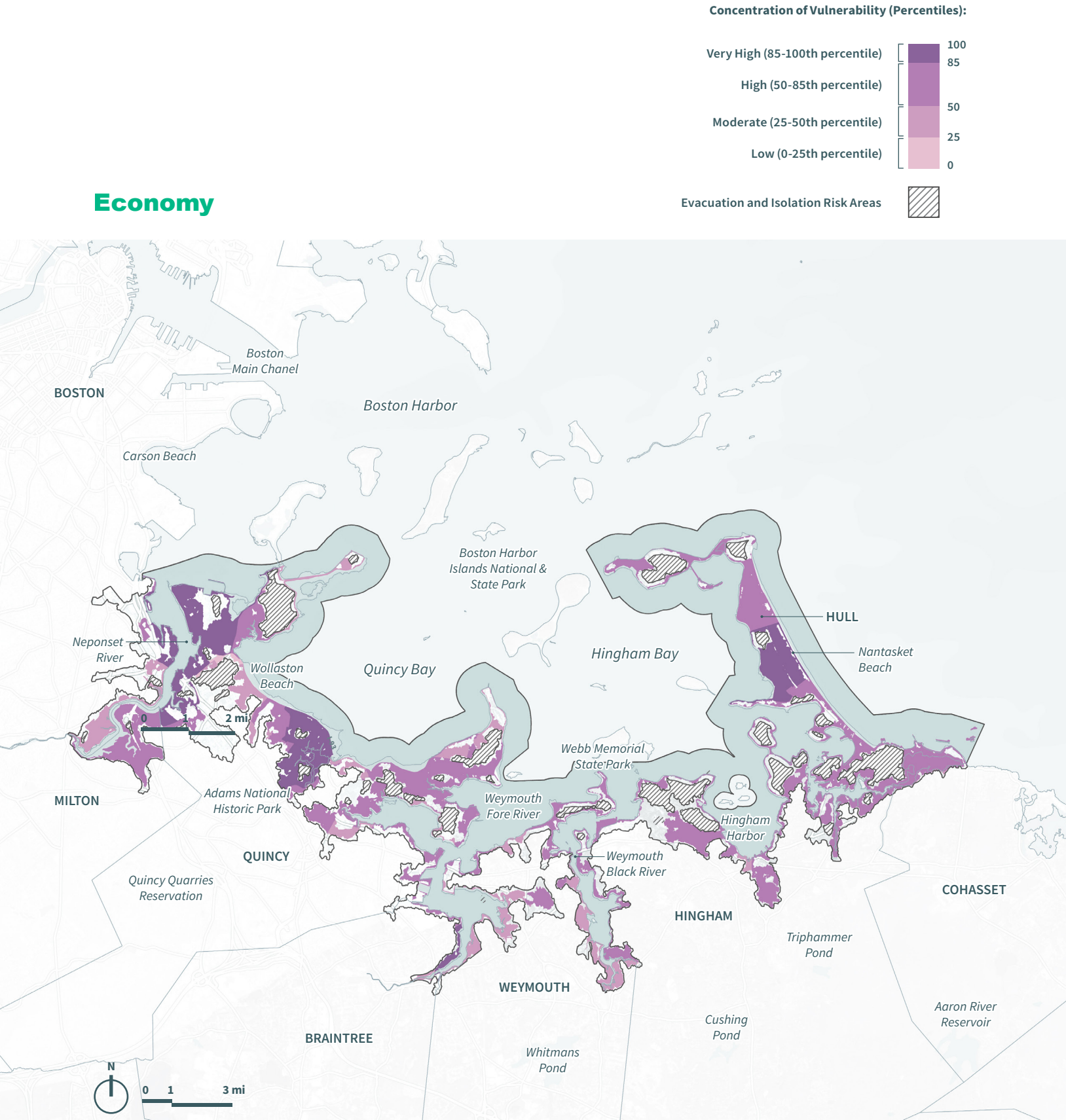
Built Infrastructure



Map A3.22: Relative Concentration of Near-Term Vulnerability of Built Infrastructure in the Neponset-Weir Watersheds District.

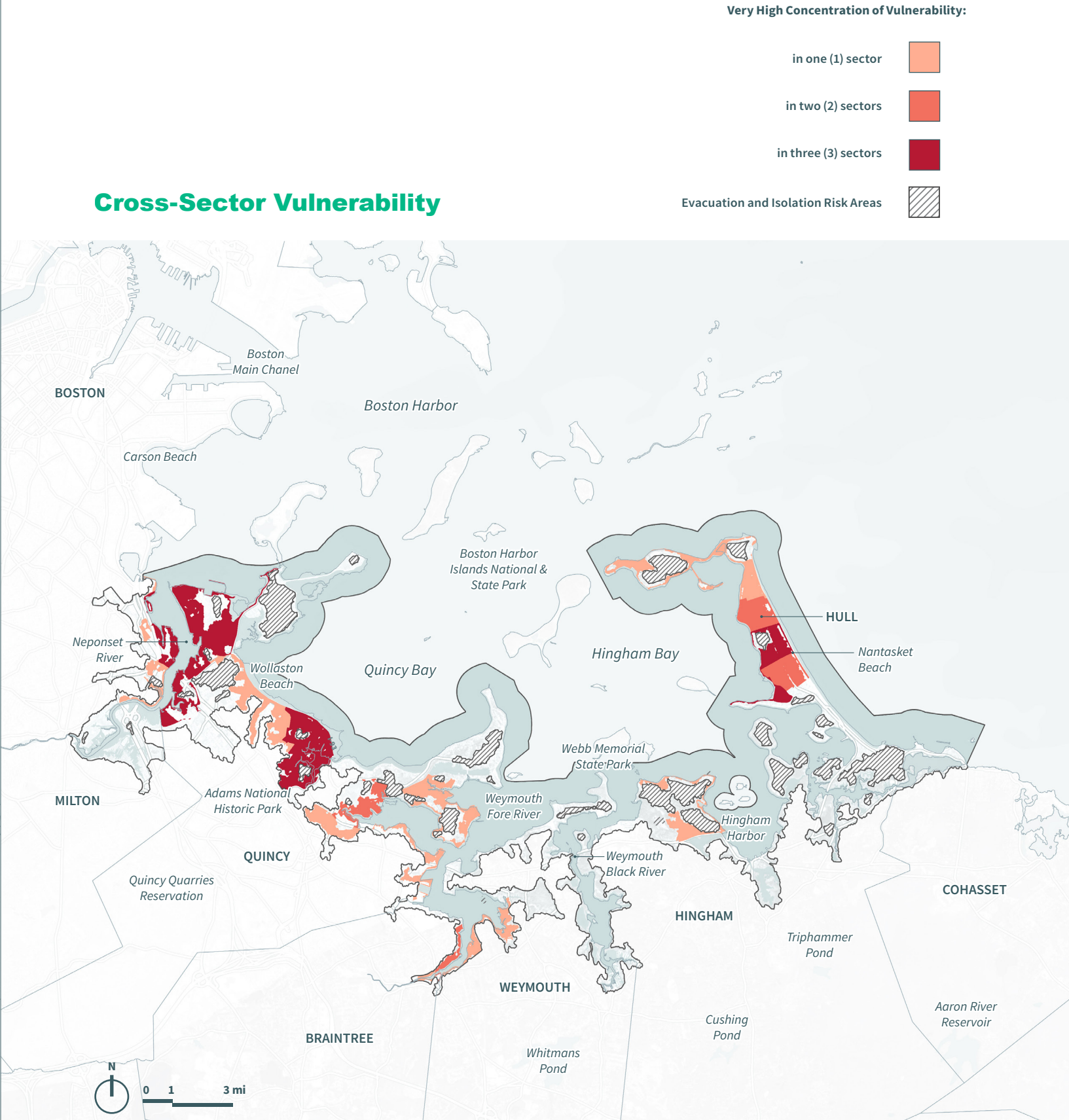


Economy



Map A3.23: Relative Concentration of Near-Term Vulnerability of Economy in the Neponset-Weir Watersheds District.

Cross-Sector Vulnerability



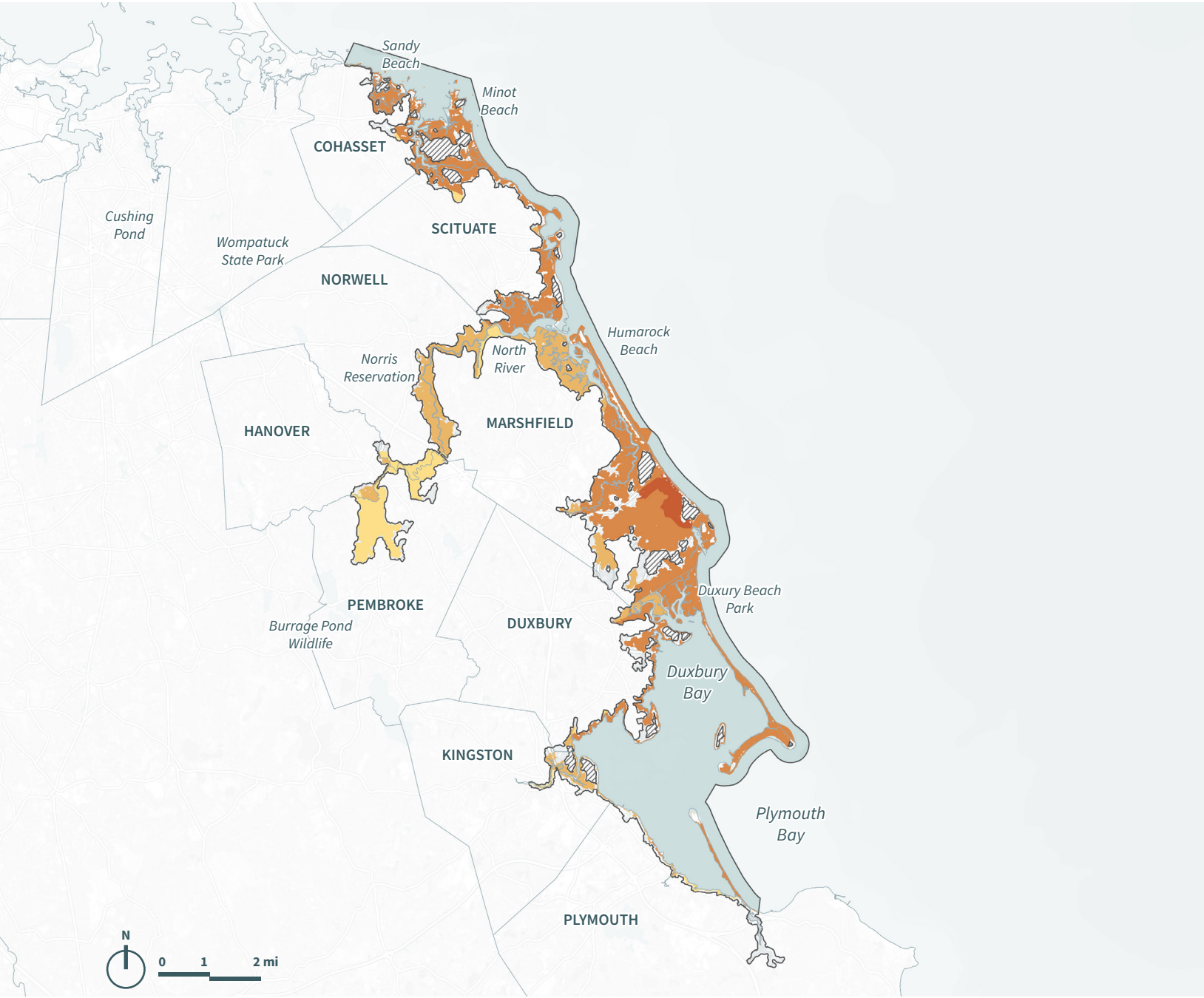
Map A3.24: Relative Concentration of Near-Term Cross-Sector Vulnerability in the Neponset-Weir Watersheds District.



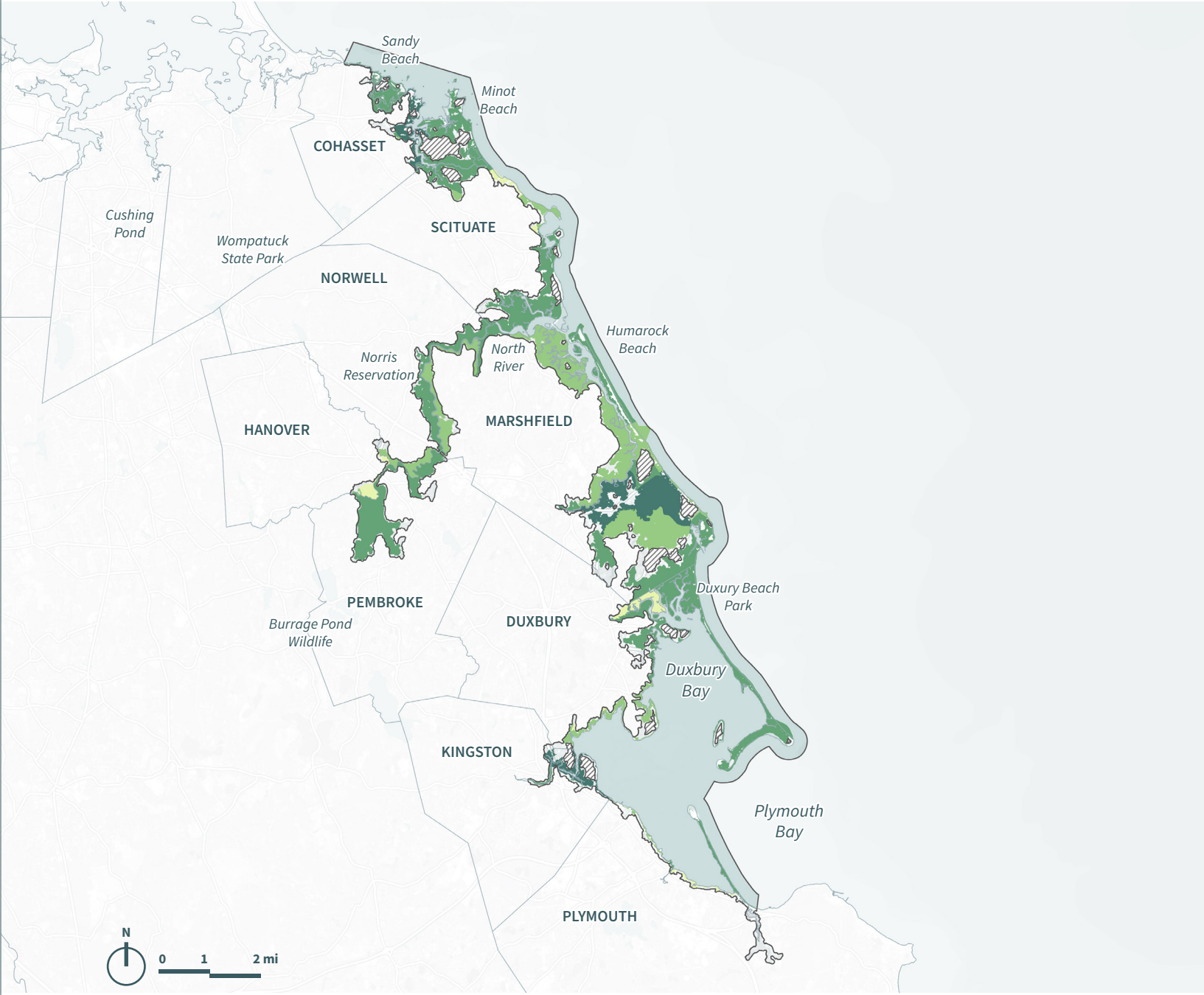
DISTRICT 08

Mid-South Shore

People & Housing

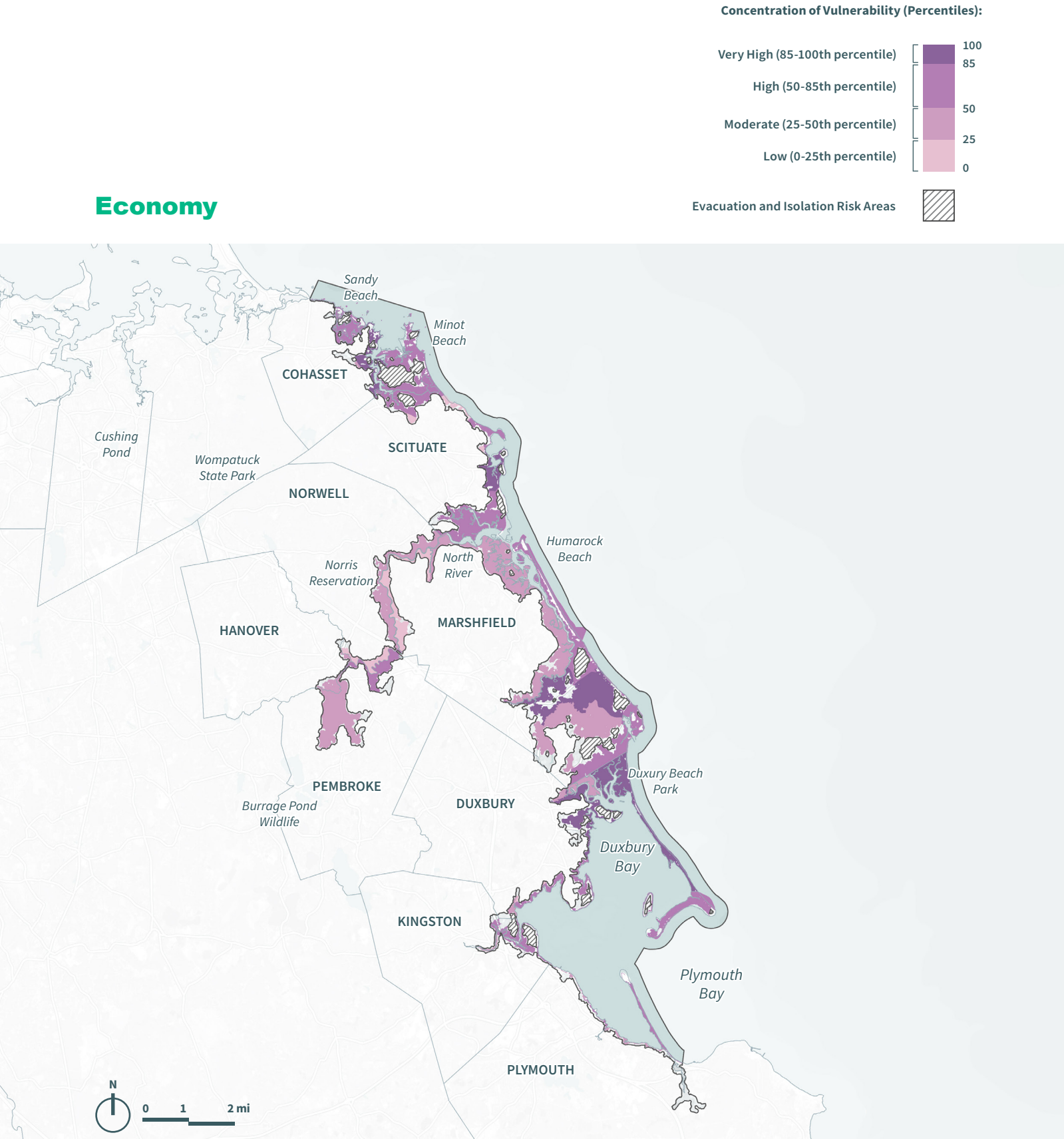


Built Infrastructure



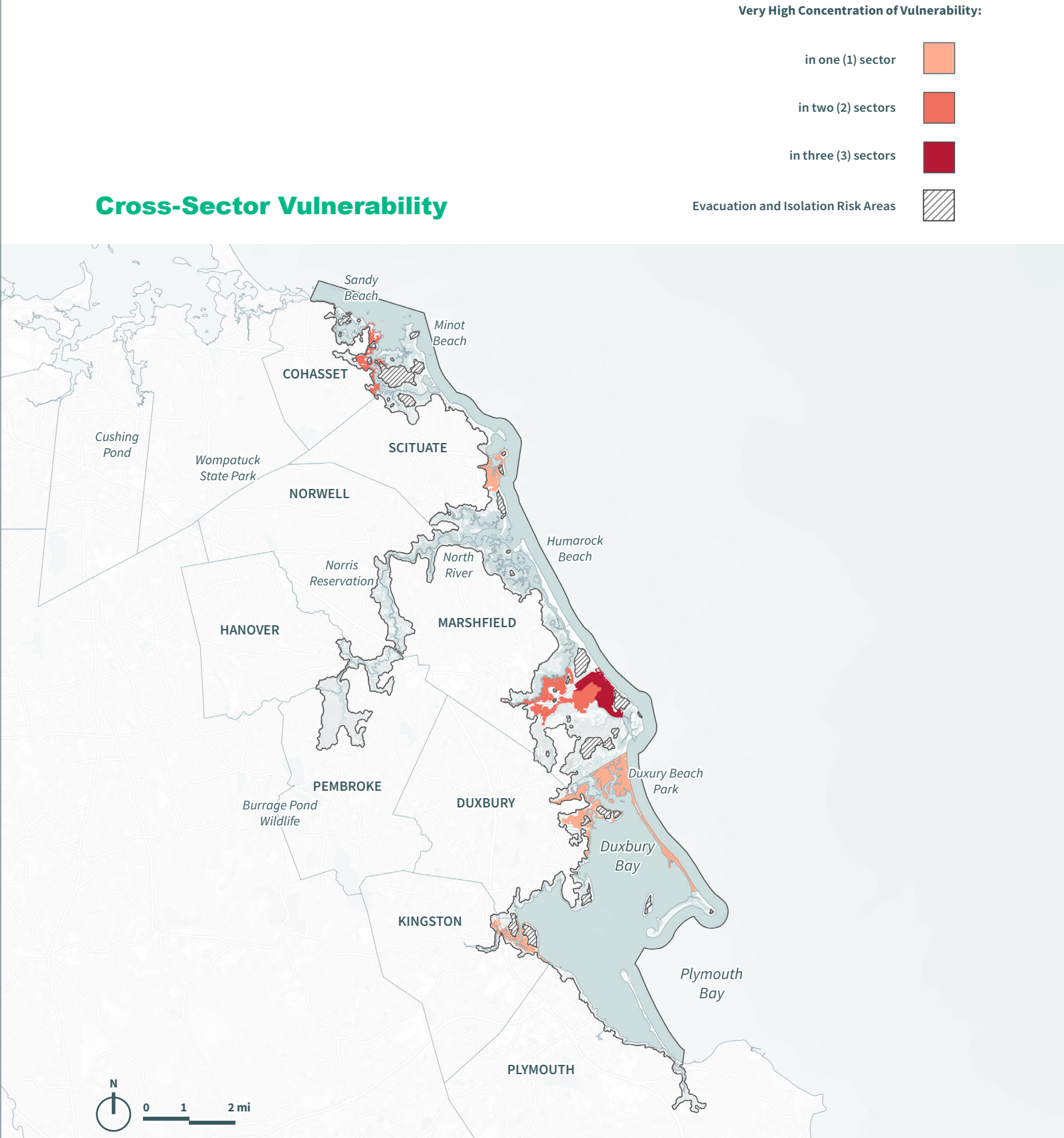


Economy



Map A3.27: Relative Concentration of Near-Term Vulnerability of Economy in the Mid-South Shore District.

Cross-Sector Vulnerability



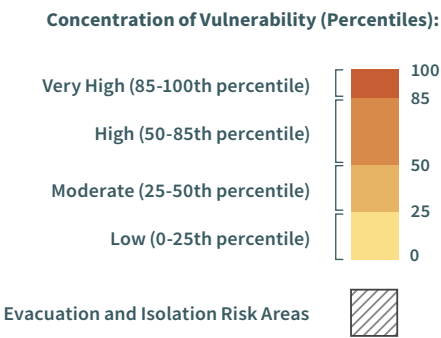
Map A3.28: Relative Concentration of Near-Term Cross-Sector Vulnerability in the Mid-South Shore District.



DISTRICT 09

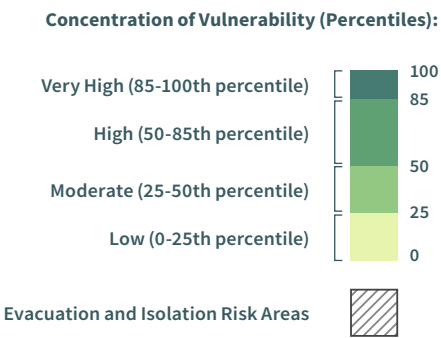
Manomet Sagamore

People & Housing



Map A3.29: Relative Concentration of Near-Term Vulnerability of People & Housing in the Manomet-Sagamore District.

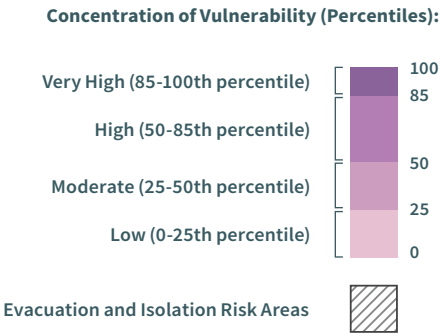
Built Infrastructure



Map A3.30: Relative Concentration of Near-Term Vulnerability of Built Infrastructure in the Manomet-Sagamore District.

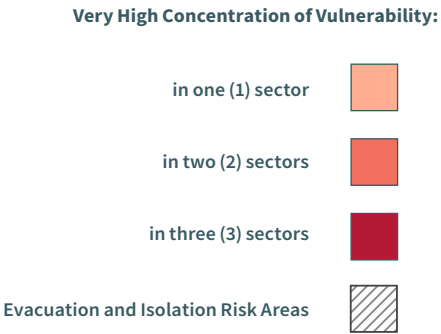


Economy



Map A3.31: Relative Concentration of Near-Term Vulnerability of Economy in the Manomet-Sagamore District.

Cross-Sector Vulnerability



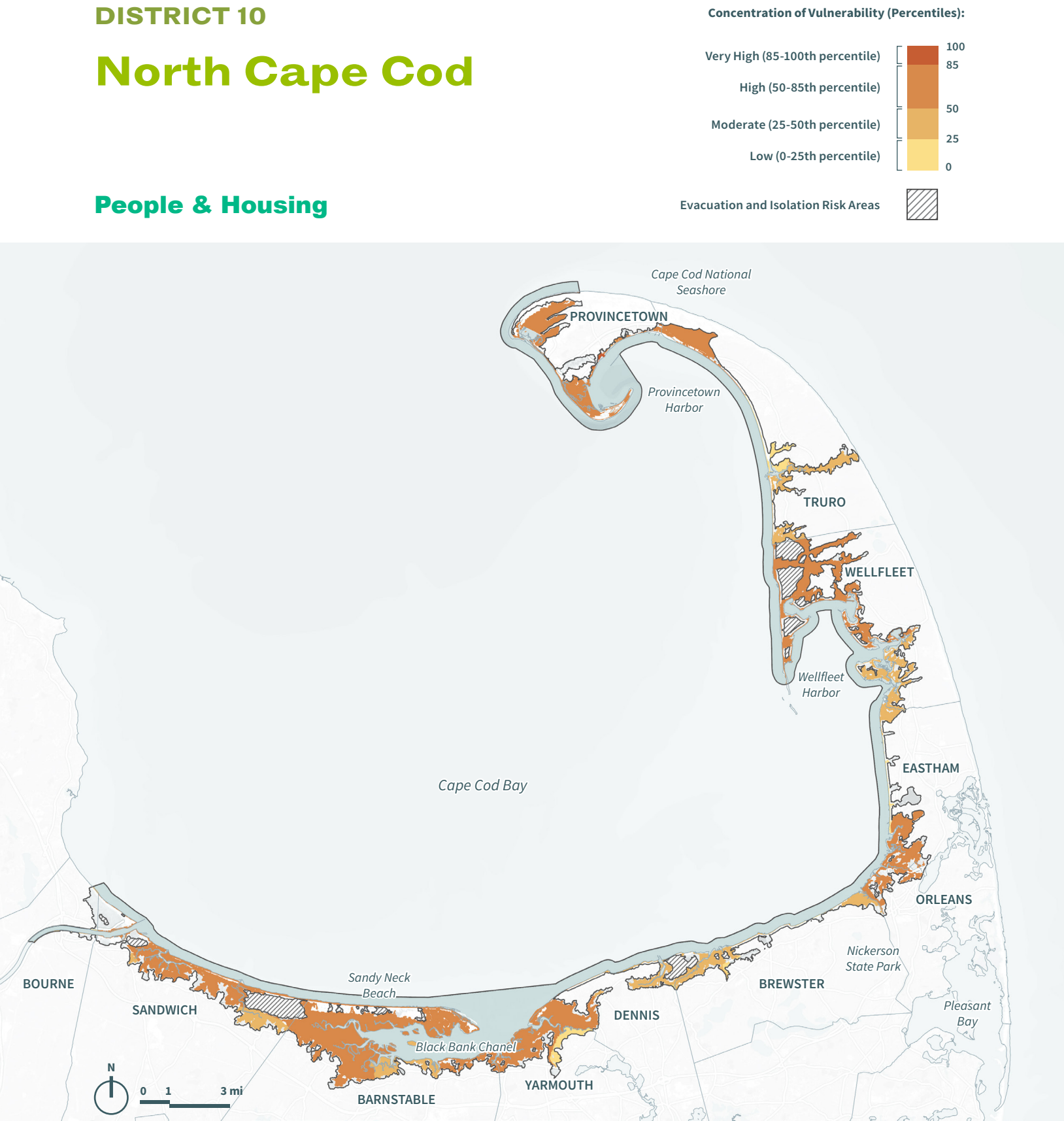
Map A3.32: Relative Concentration of Near-Term Cross-Sector Vulnerability in the Manomet-Sagamore District.



DISTRICT 10

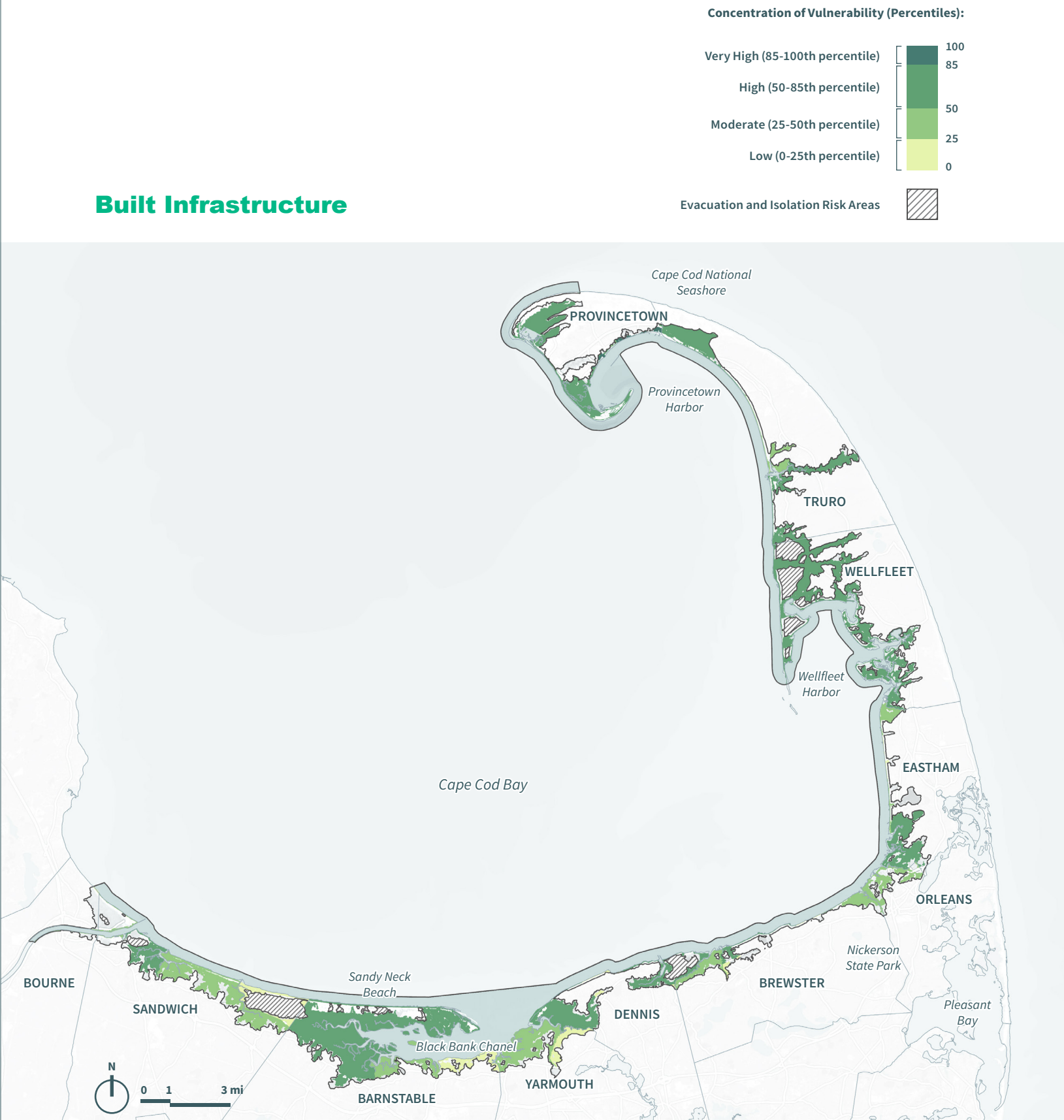
North Cape Cod

People & Housing



Map A3.33: Relative Concentration of Near-Term Vulnerability of People & Housing in the North Cape Cod District.

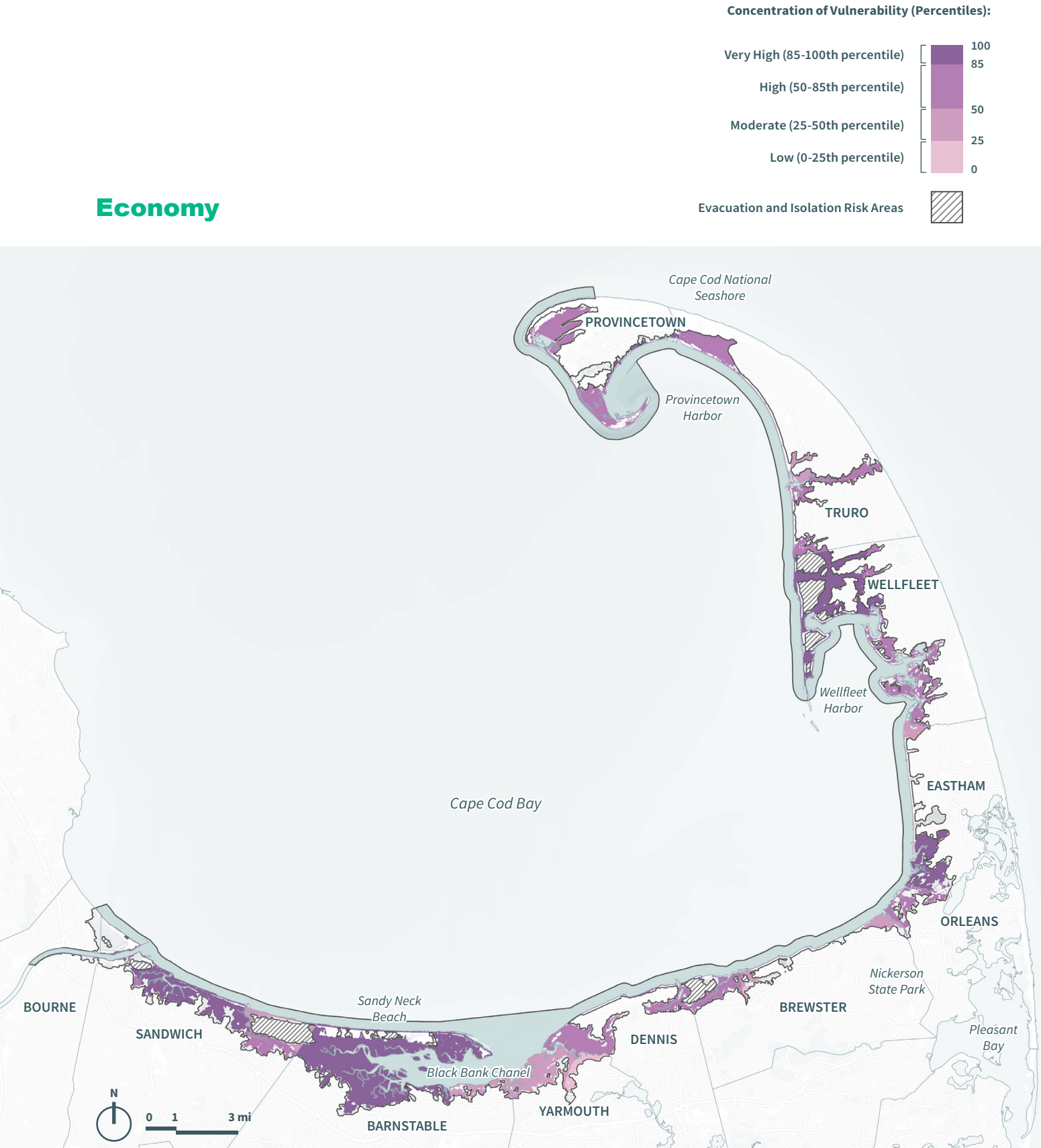
Built Infrastructure



Map A3.34: Relative Concentration of Near-Term Vulnerability of Built Infrastructure in the North Cape Cod District.

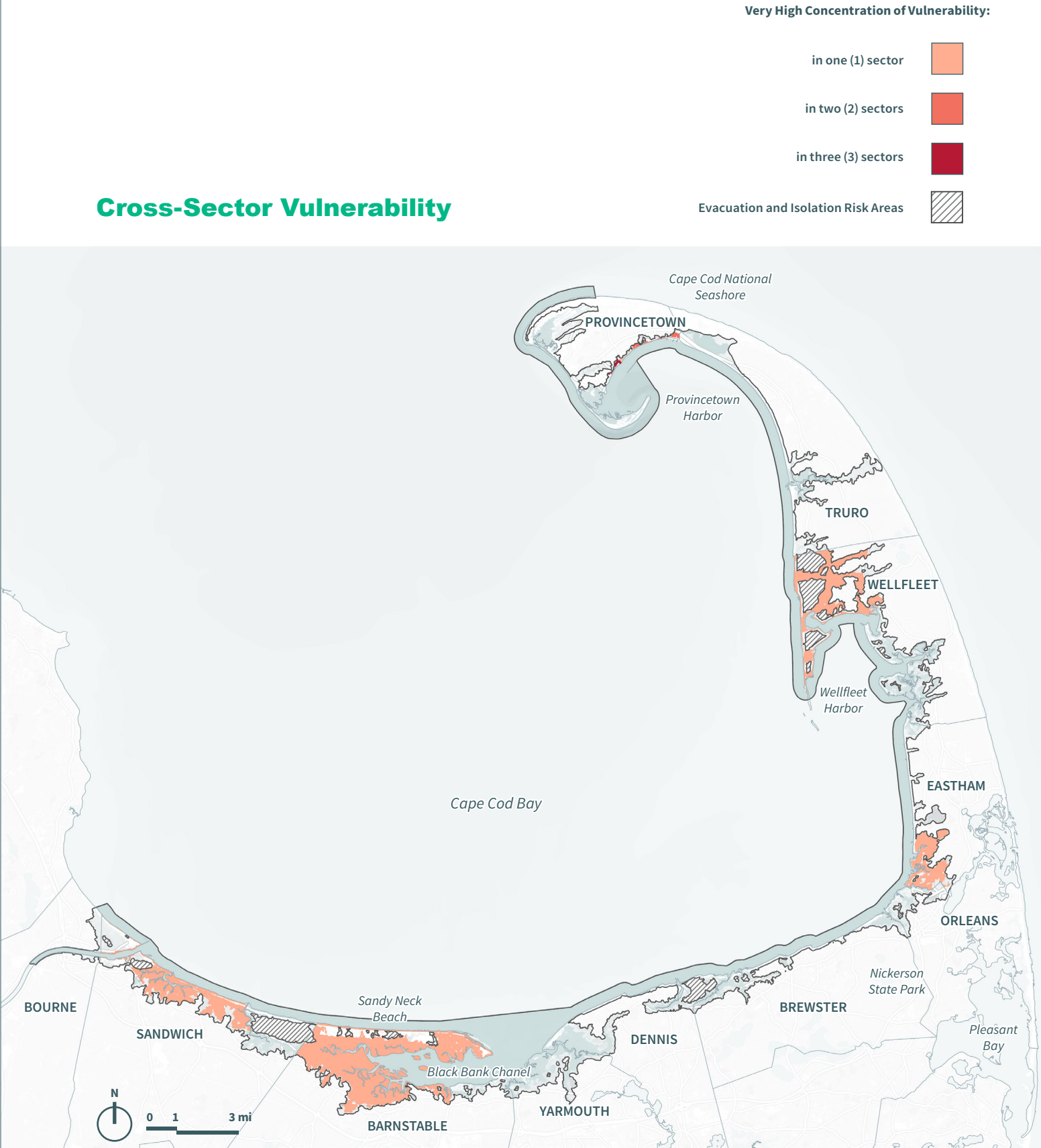


Economy



Map A3.35: Relative Concentration of Near-Term Vulnerability of Economy in the North Cape Cod District.

Cross-Sector Vulnerability



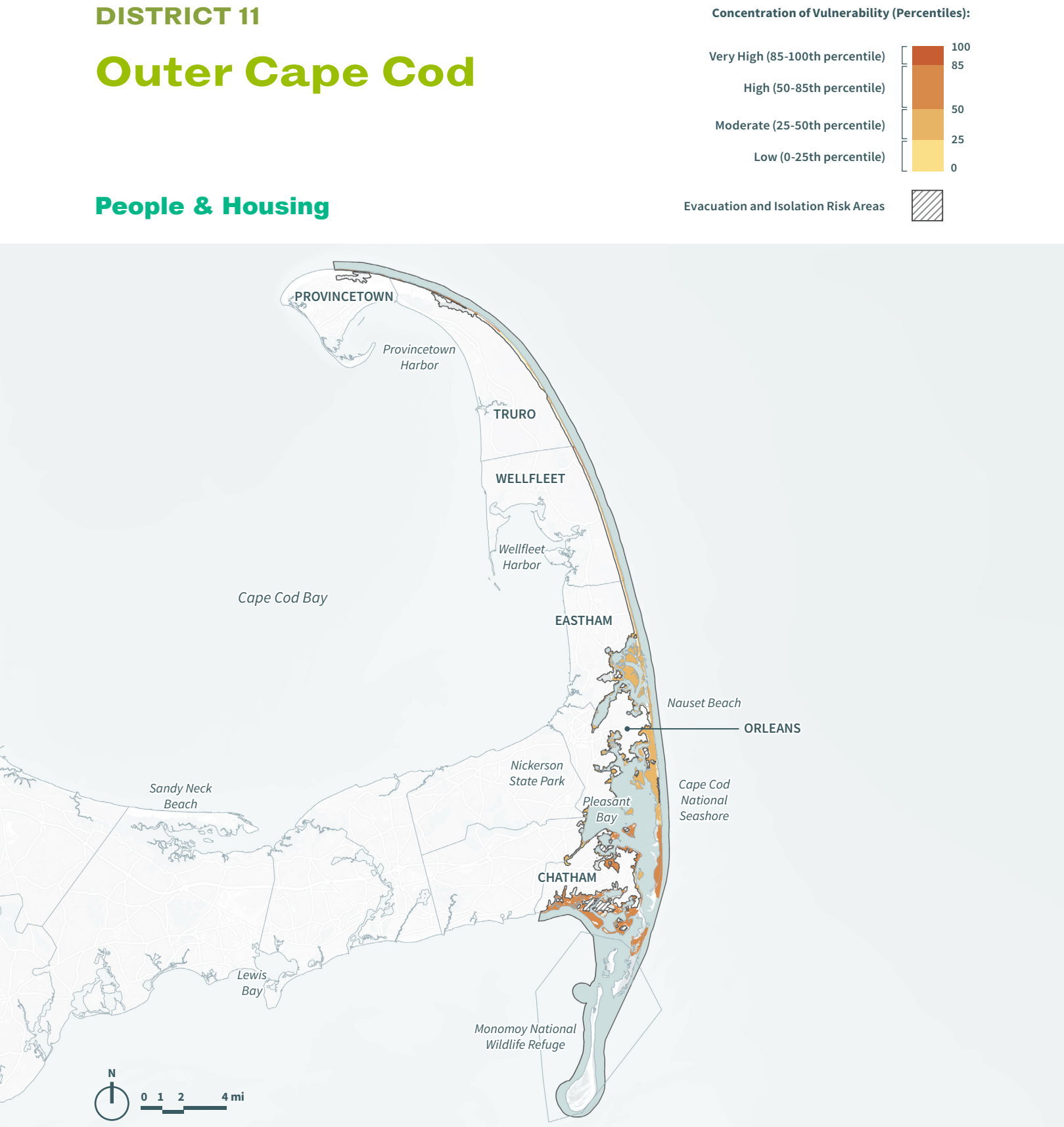
Map A3.36: Relative Concentration of Near-Term Cross-Sector Vulnerability in the North Cape Cod District.



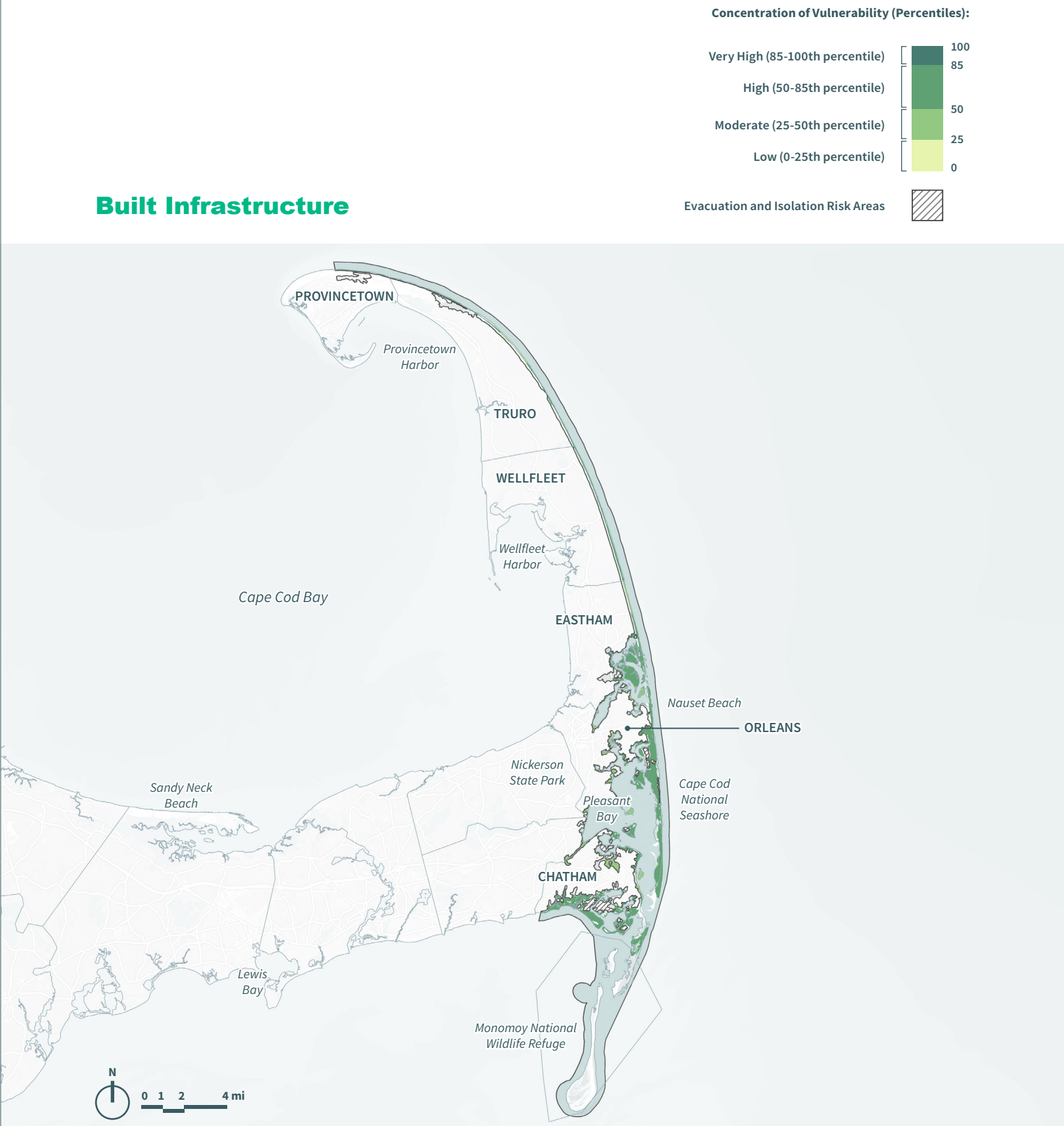
DISTRICT 11

Outer Cape Cod

People & Housing

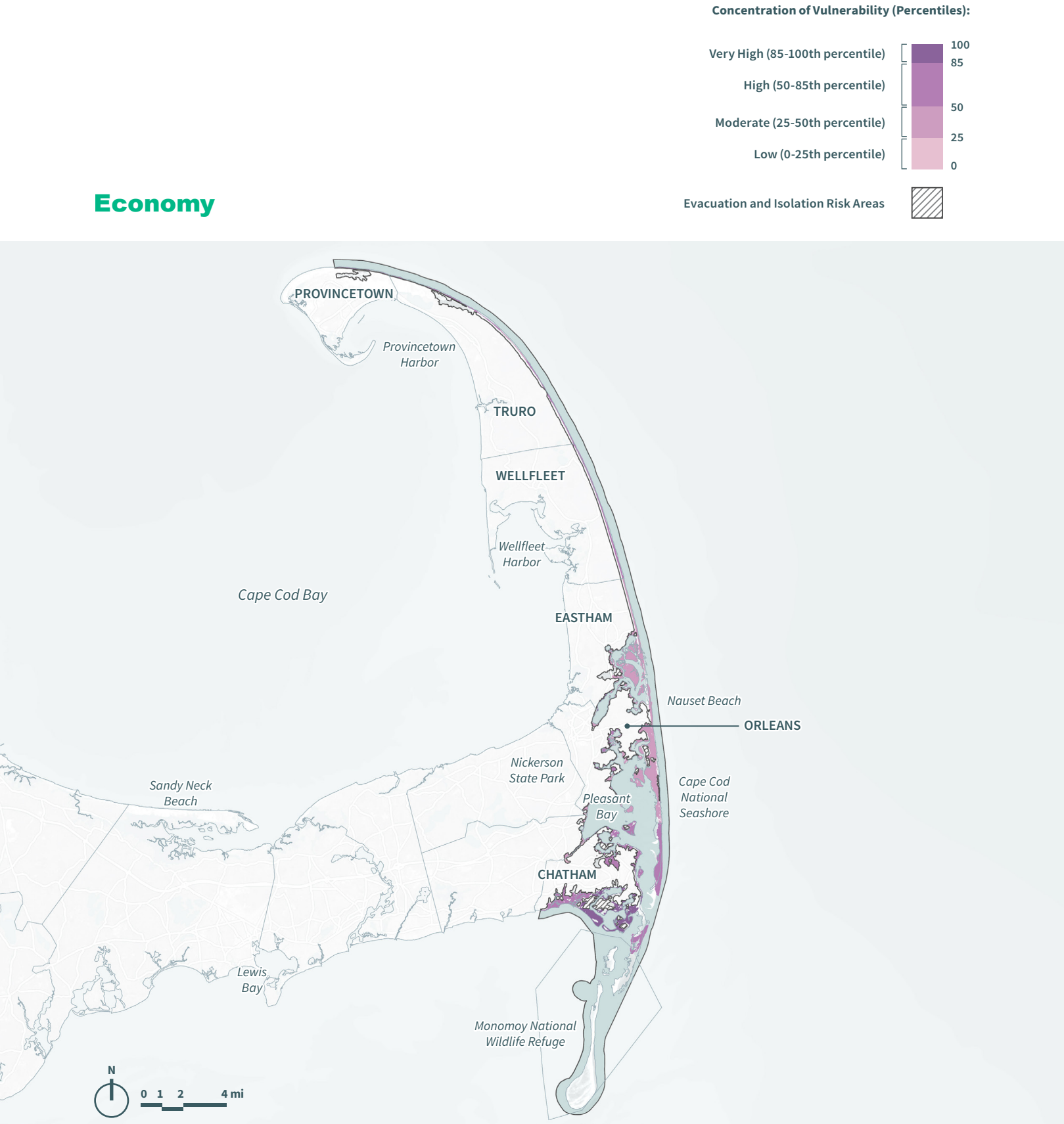


Built Infrastructure

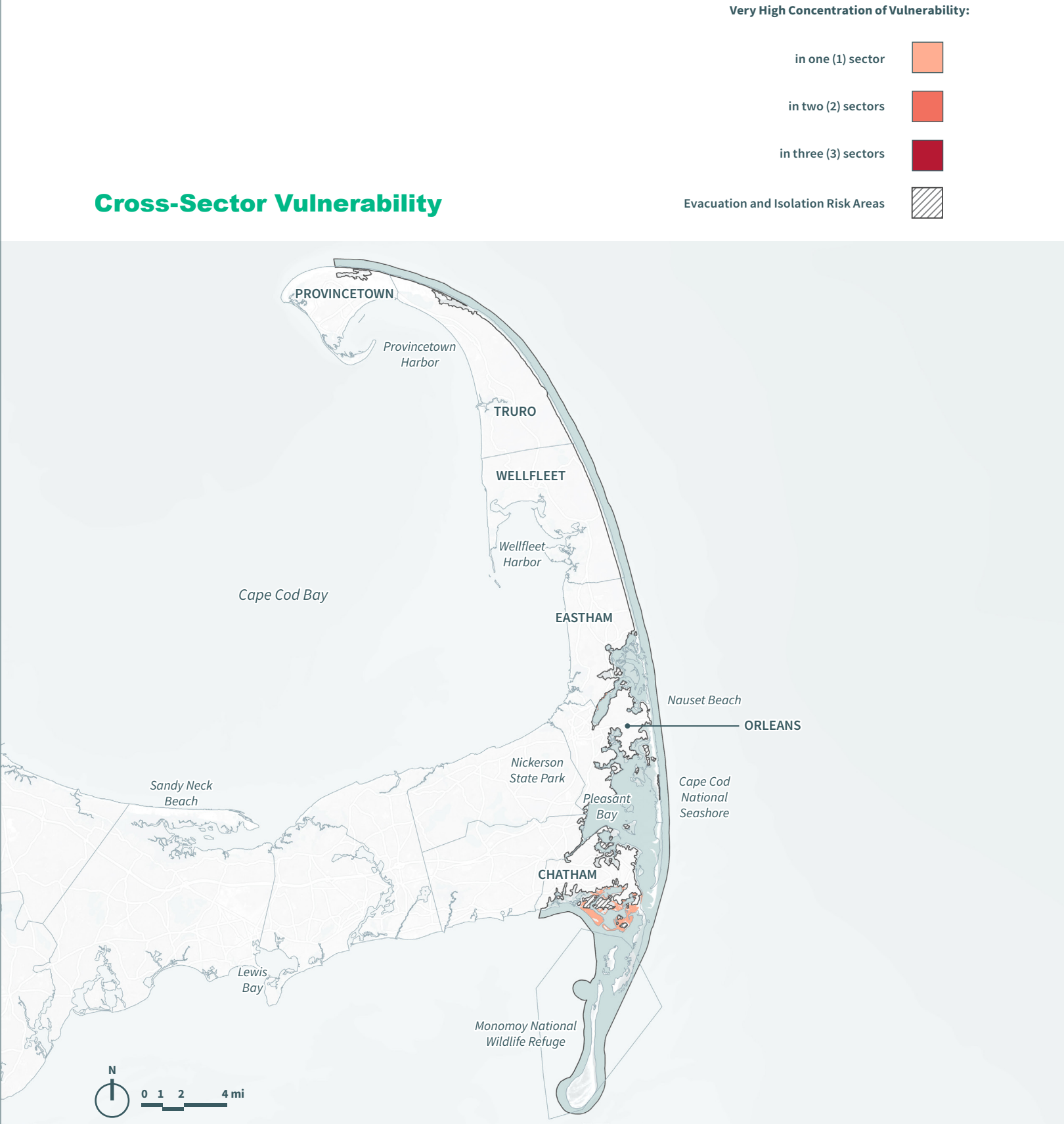




Economy



Cross-Sector Vulnerability

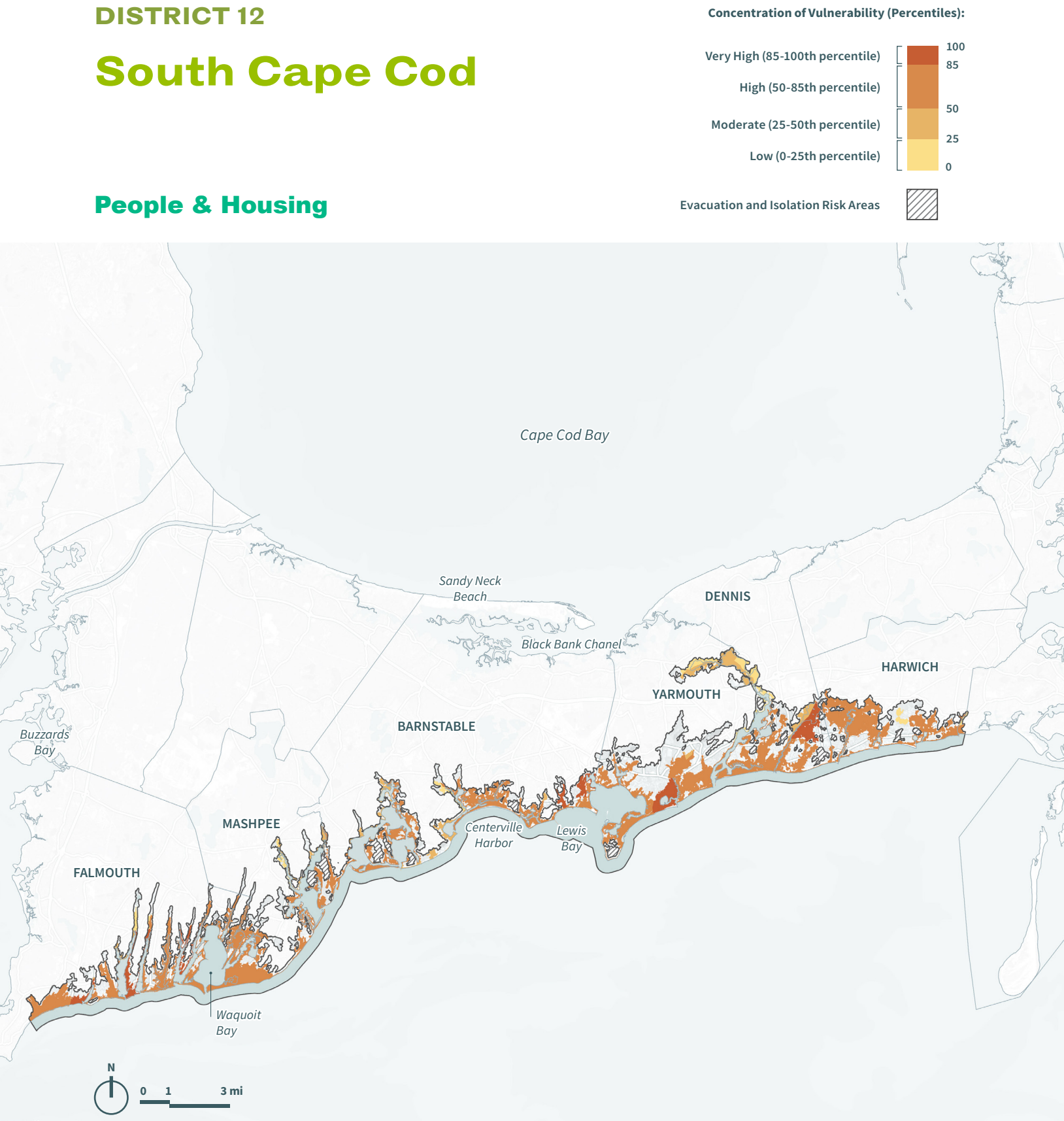




DISTRICT 12

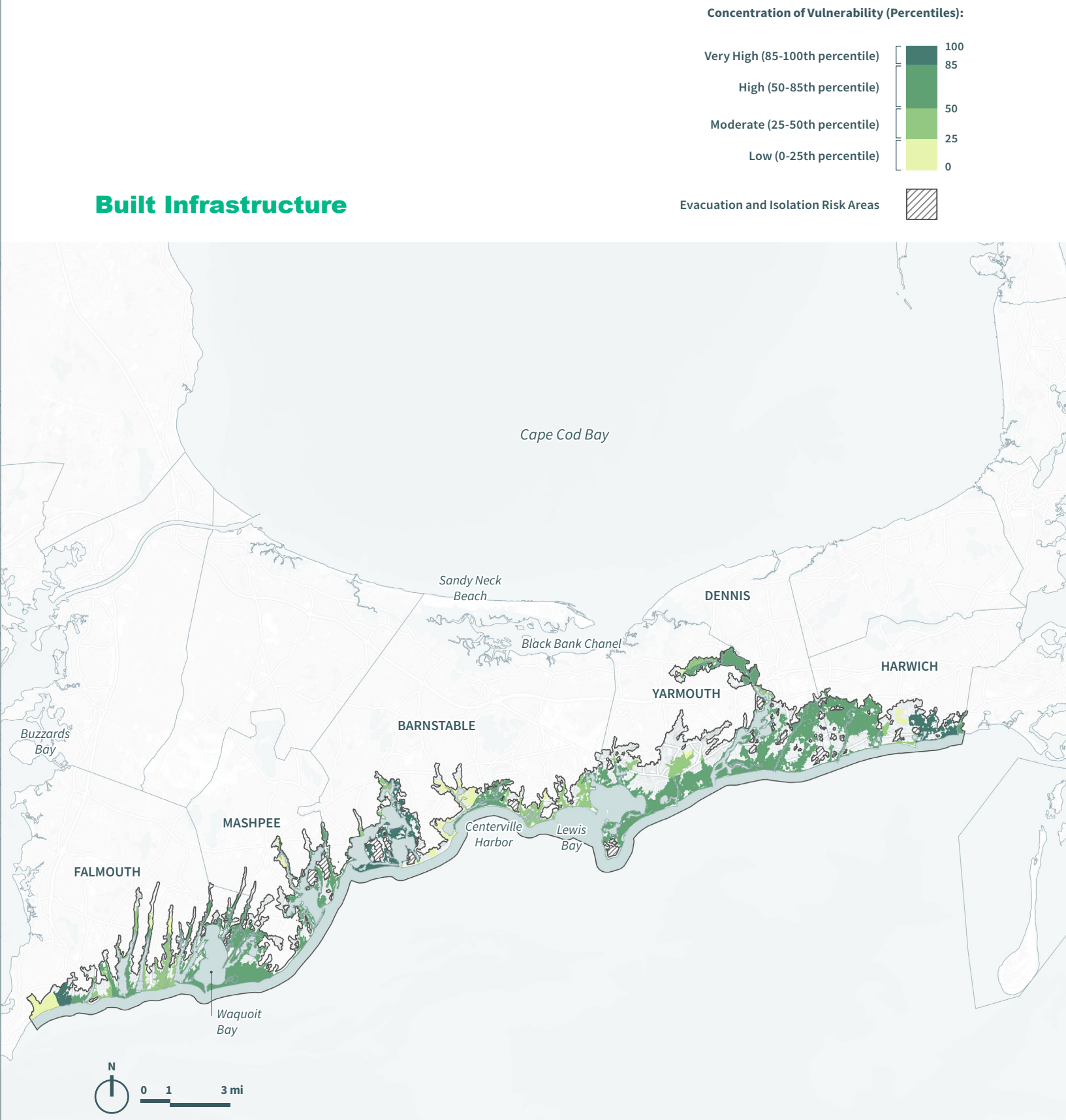
South Cape Cod

People & Housing



Map A3.41: Relative Concentration of Near-Term Vulnerability of People & Housing in the South Cape Cod District.

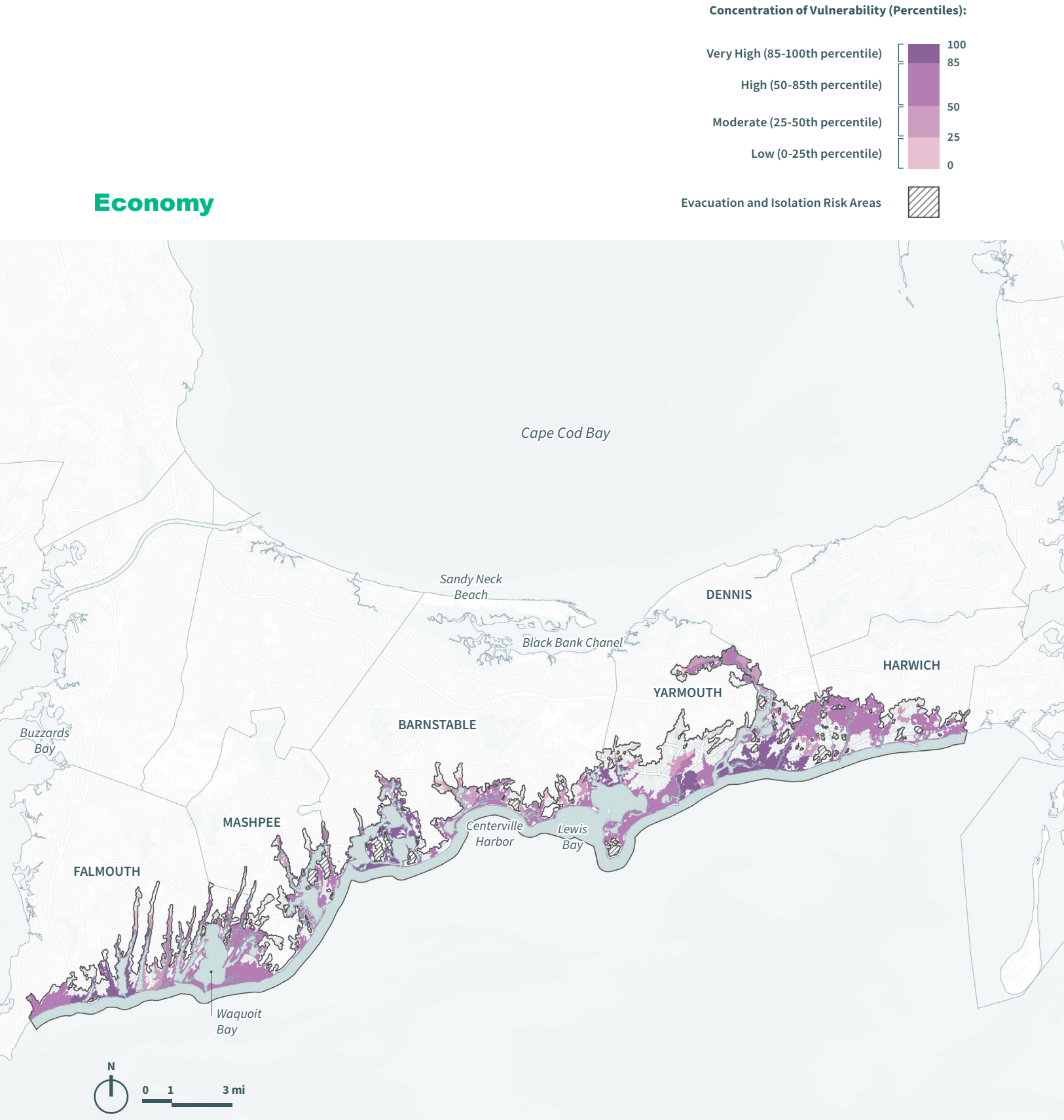
Built Infrastructure



Map A3.42: Relative Concentration of Near-Term Vulnerability of Built Infrastructure in the South Cape Cod District.

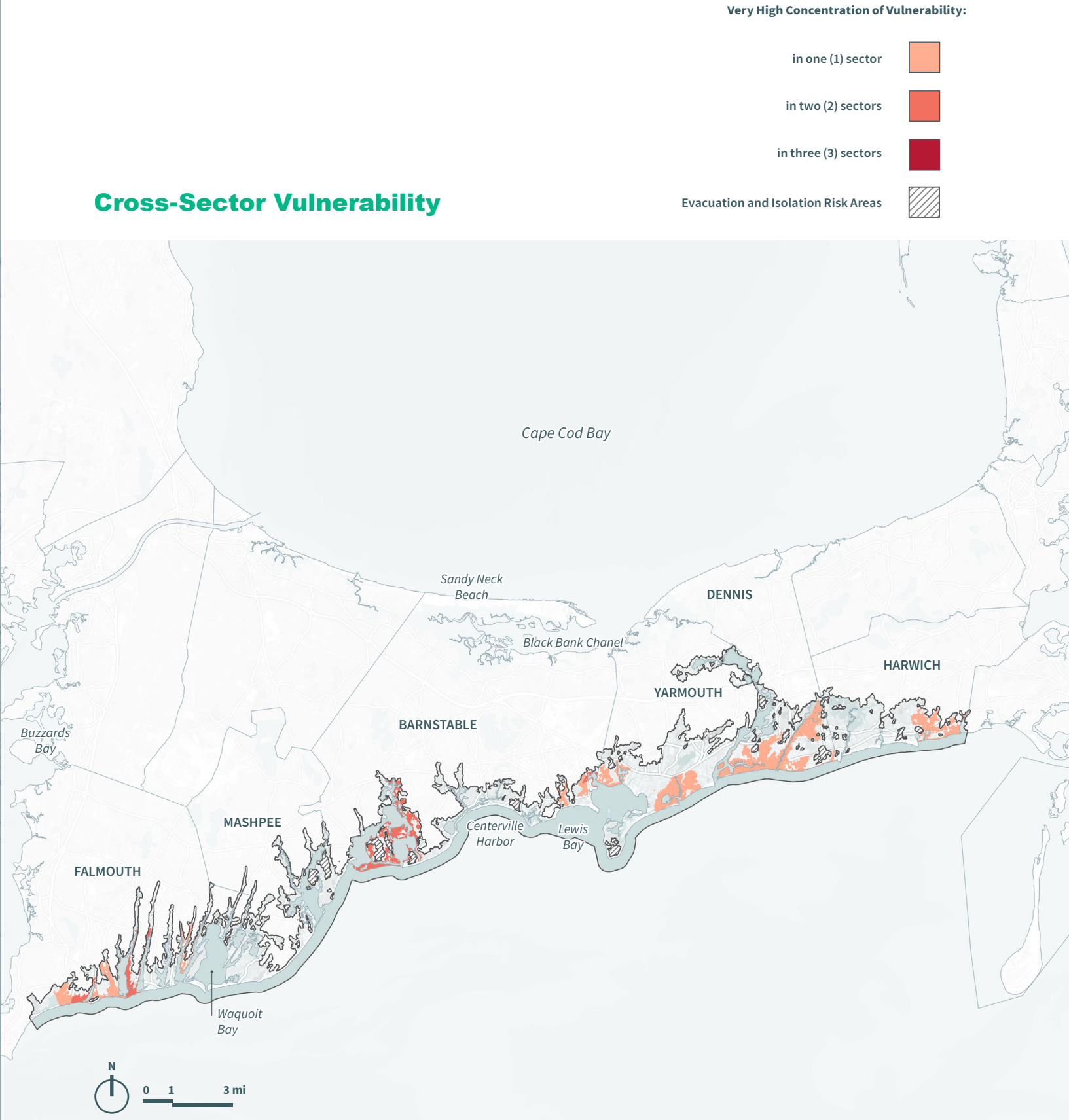


Economy



Map A3.43: Relative Concentration of Near-Term Vulnerability of Economy in the South Cape Cod District.

Cross-Sector Vulnerability

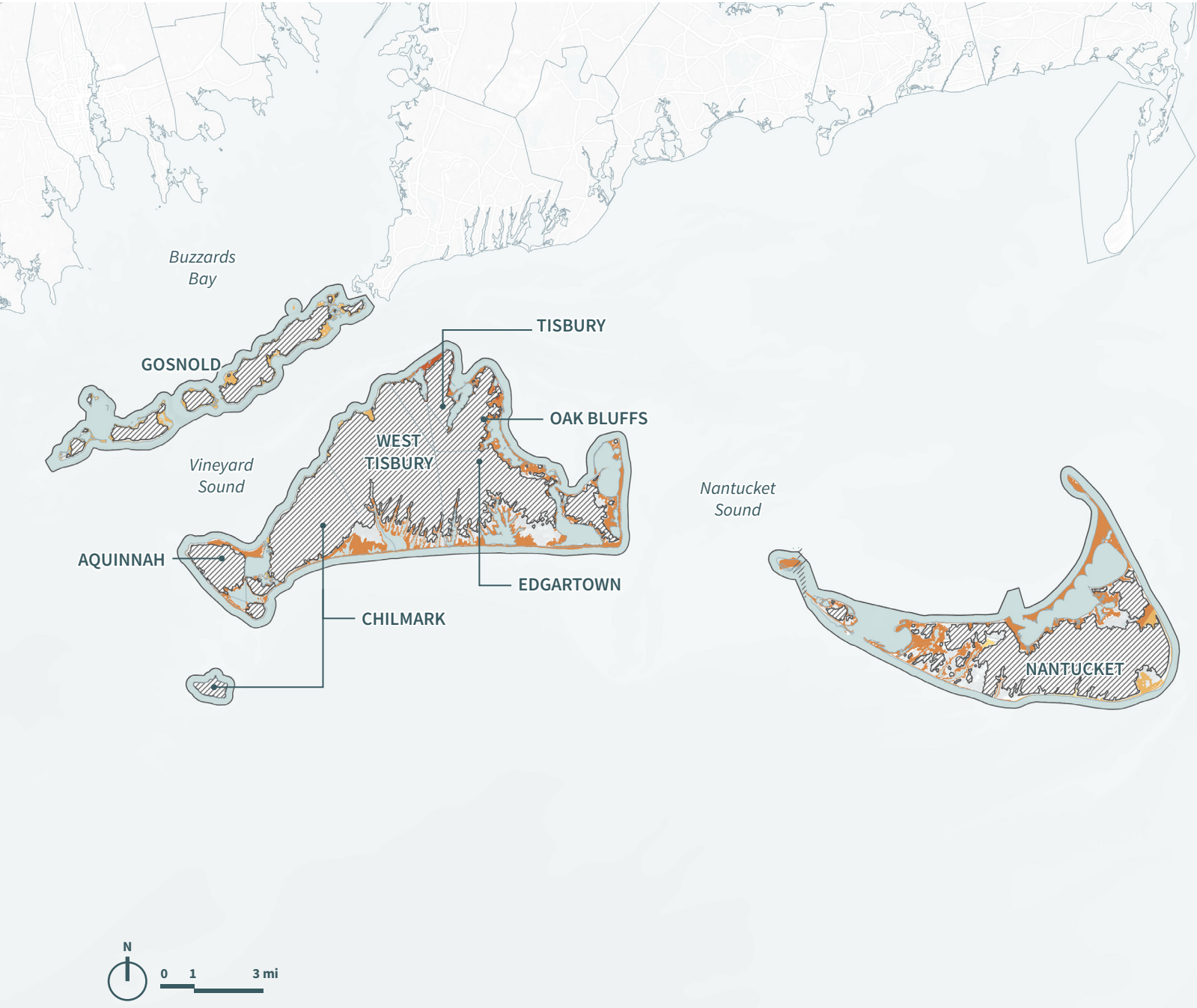


Map A3.44: Relative Concentration of Near-Term Cross-Sector Vulnerability in the South Cape Cod District.

DISTRICT 13

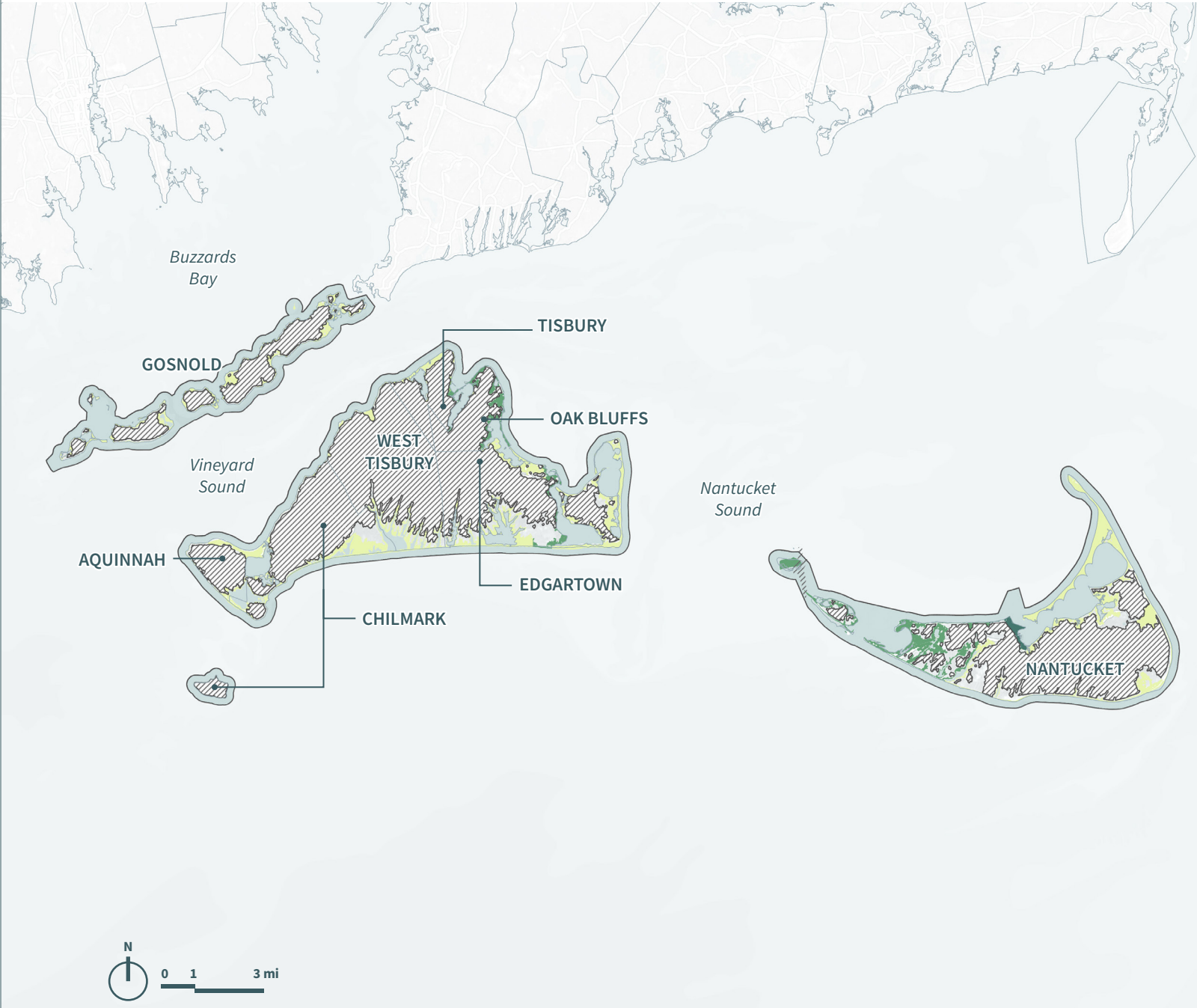
Islands

People & Housing



Map A3.45: Relative Concentration of Near-Term Vulnerability of People & Housing in the Islands District.

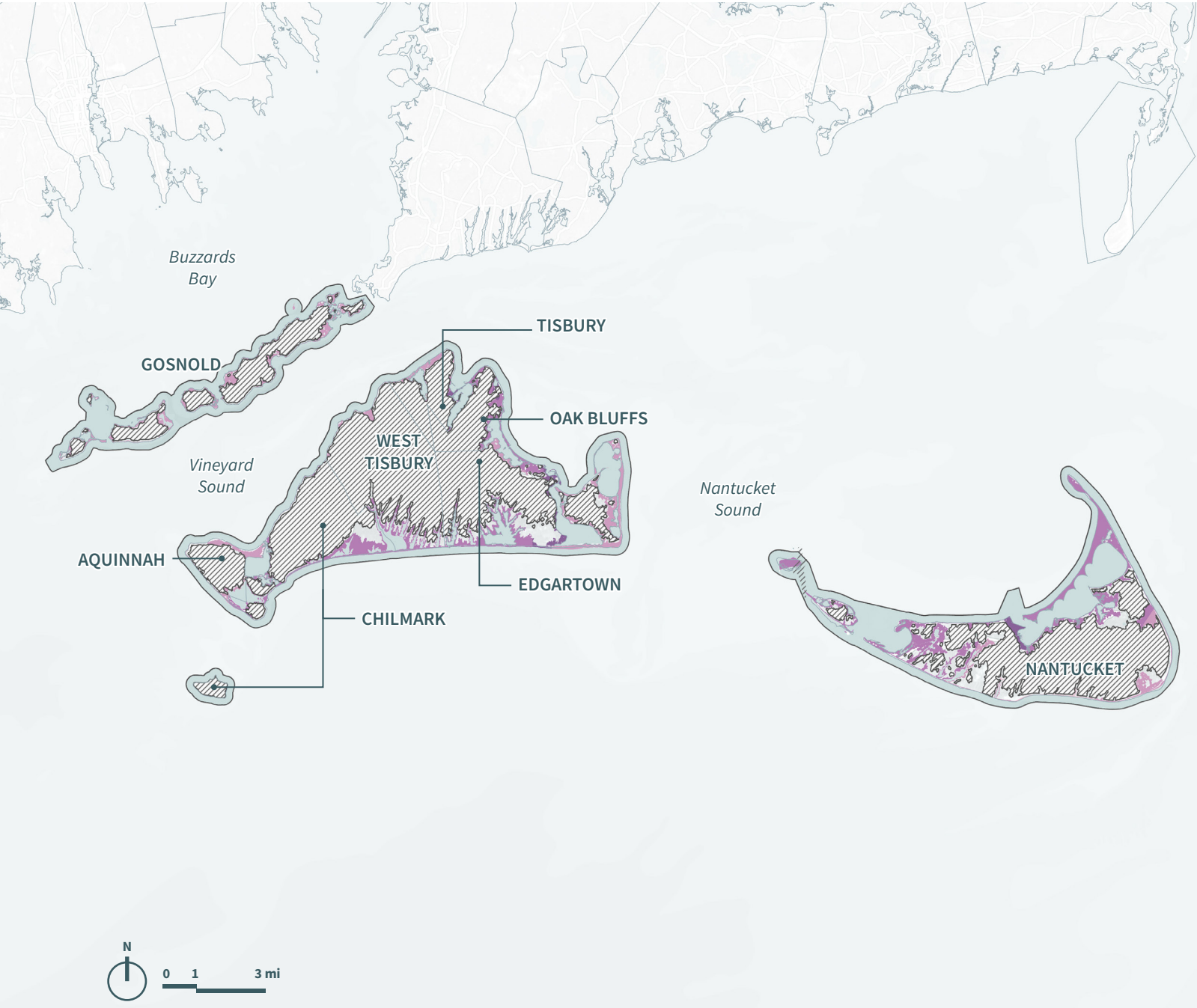
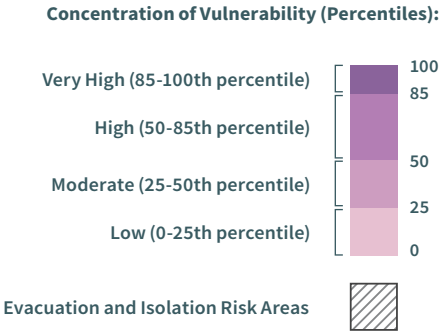
Built Infrastructure



Map A3.46: Relative Concentration of Near-Term Vulnerability of Built Infrastructure in the Islands District.

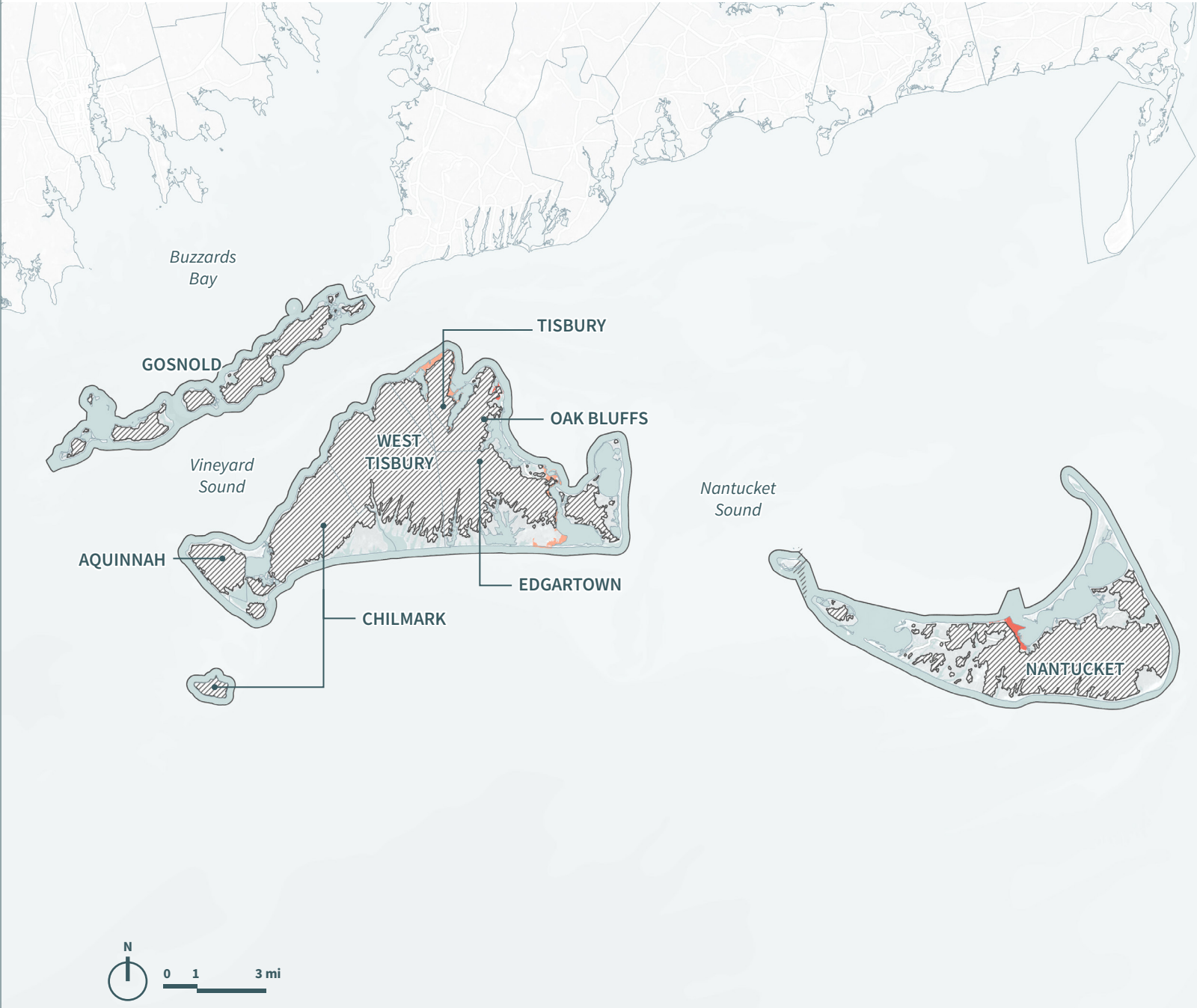
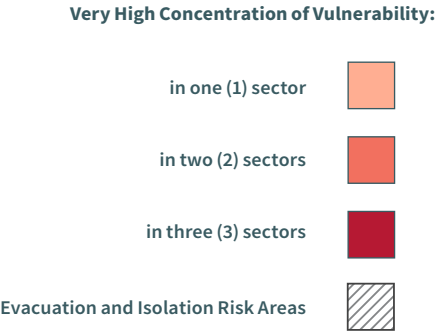


Economy



Map A3.47: Relative Concentration of Near-Term Vulnerability of Economy in the Islands District.

Cross-Sector Vulnerability

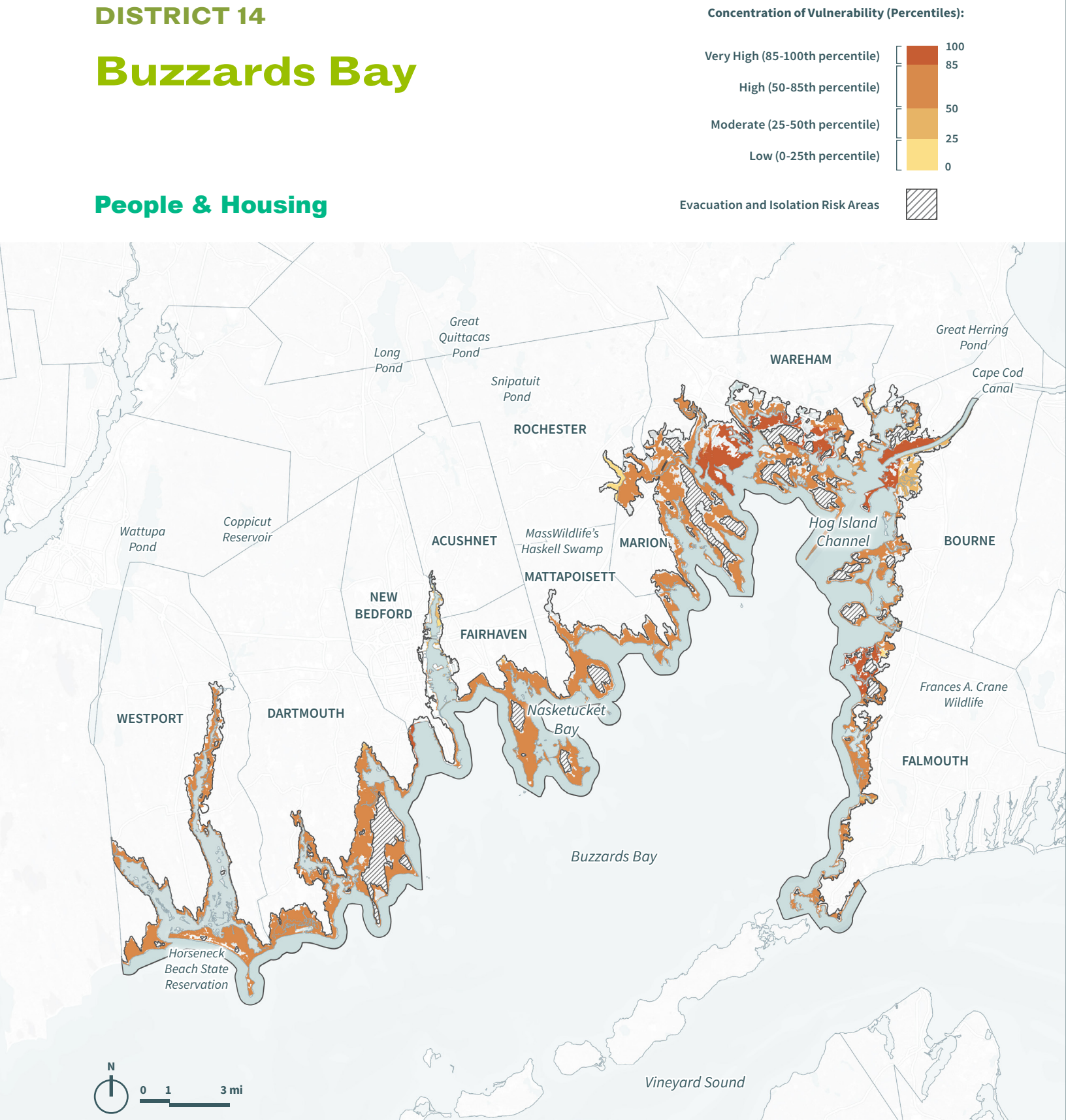


Map A3.48: Relative Concentration of Near-Term Cross-Sector Vulnerability in the Islands District.

DISTRICT 14

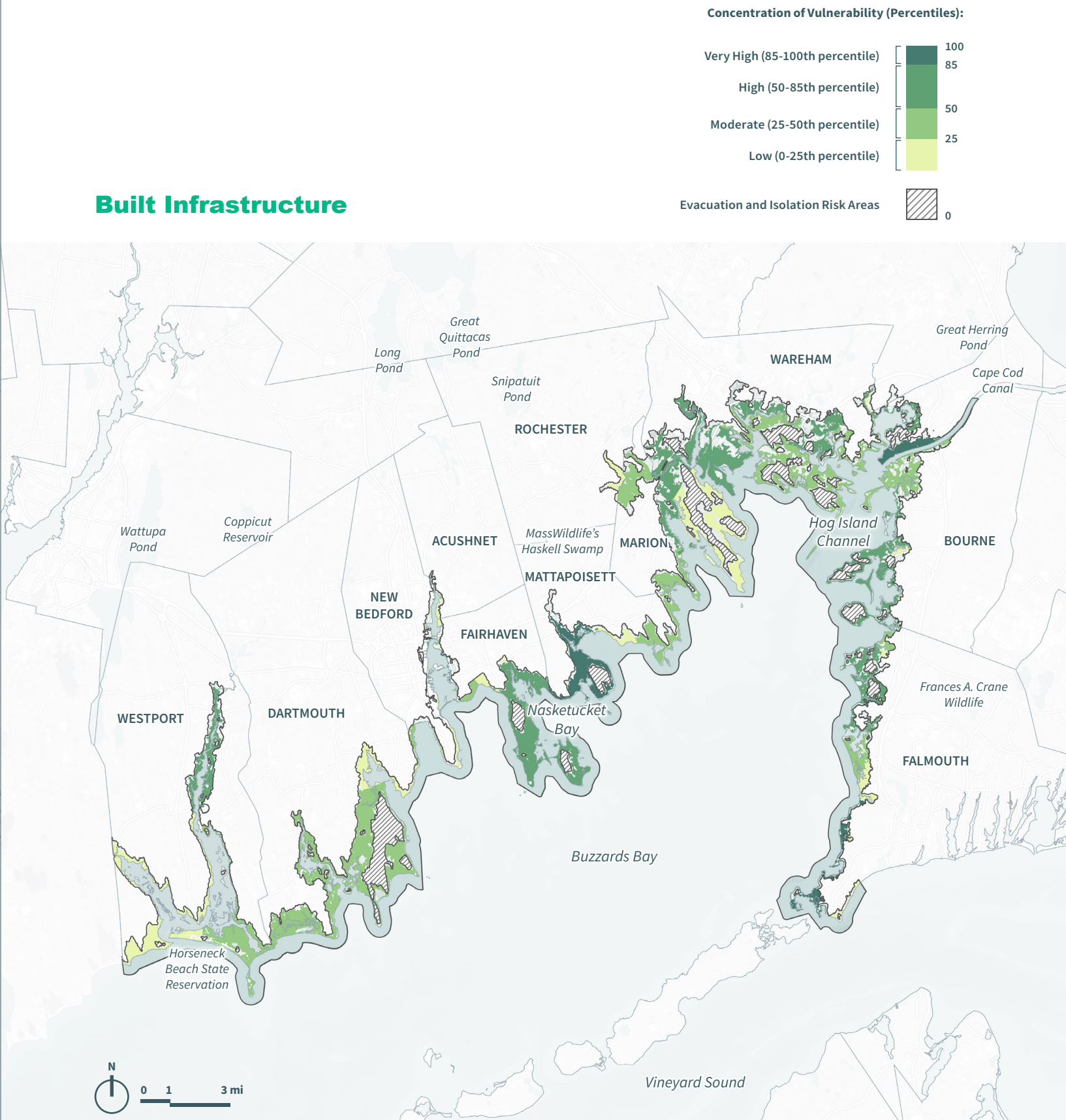
Buzzards Bay

People & Housing



Map A3.49: Relative Concentration of Near-Term Vulnerability of People & Housing in the Buzzards Bay District.

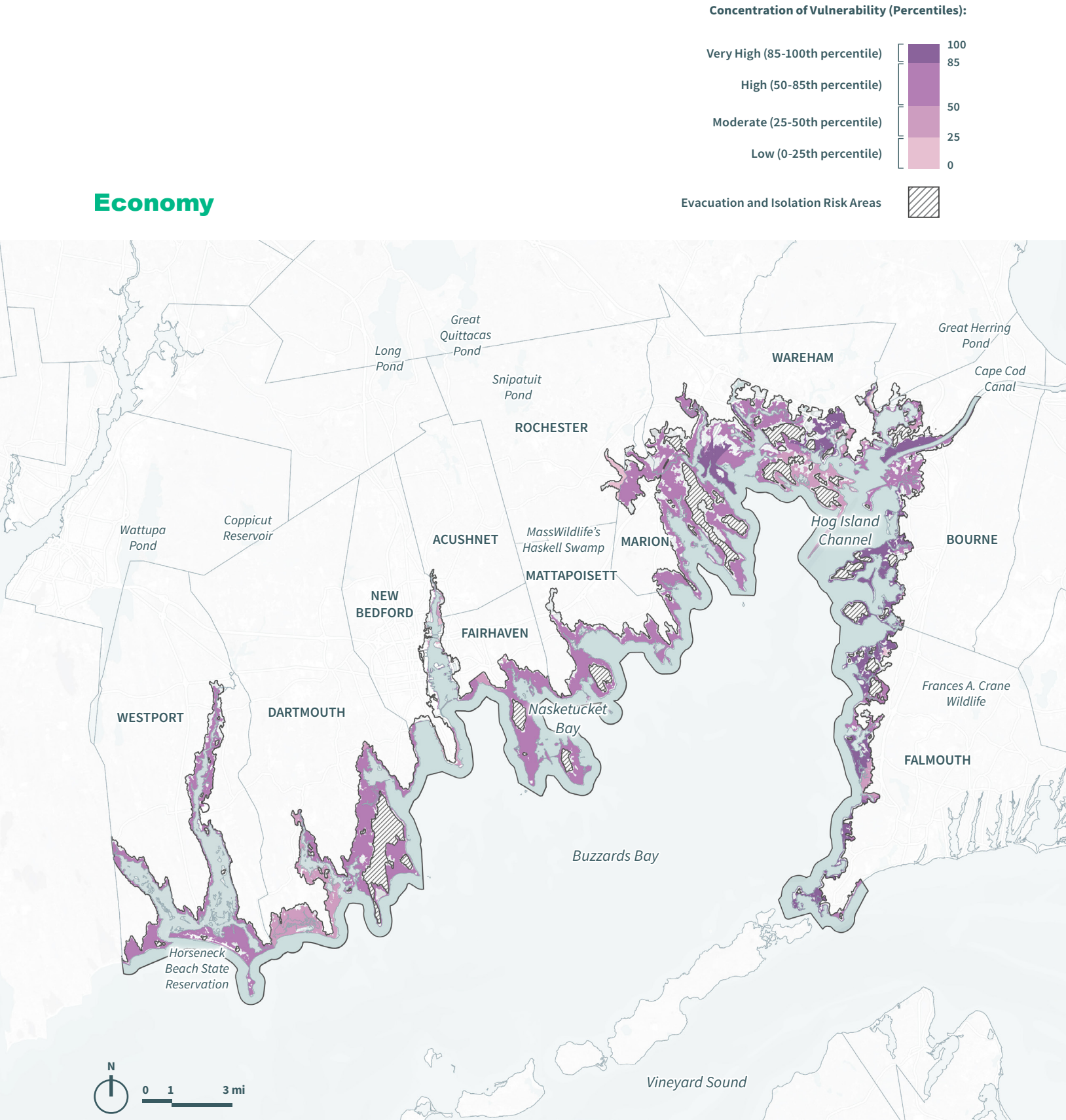
Built Infrastructure



Map A3.50: Relative Concentration of Near-Term Vulnerability of Built Infrastructure in the Buzzards Bay District.

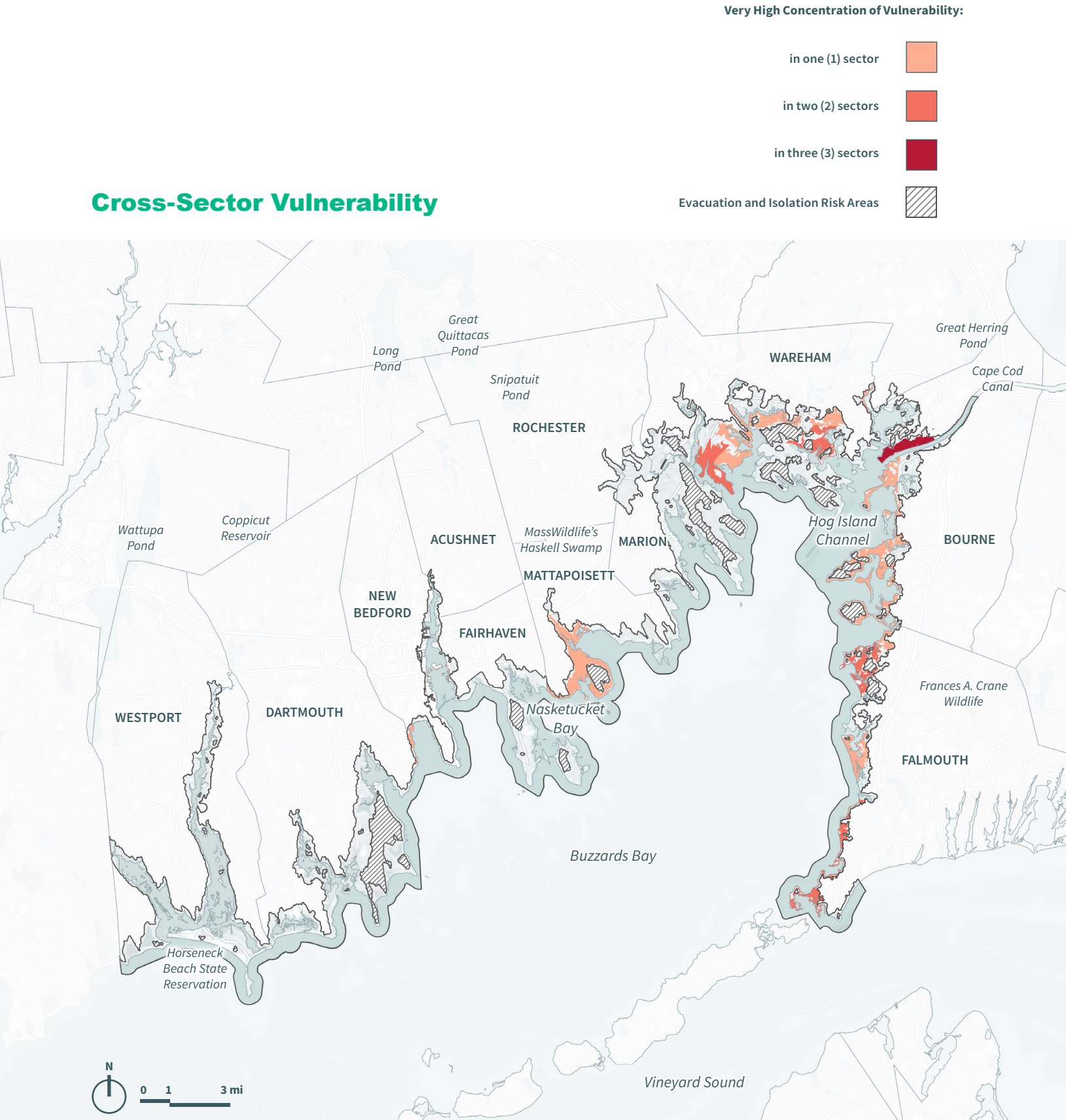


Economy



Map A3.51: Relative Concentration of Near-Term Vulnerability of Economy in the Buzzards Bay District.

Cross-Sector Vulnerability



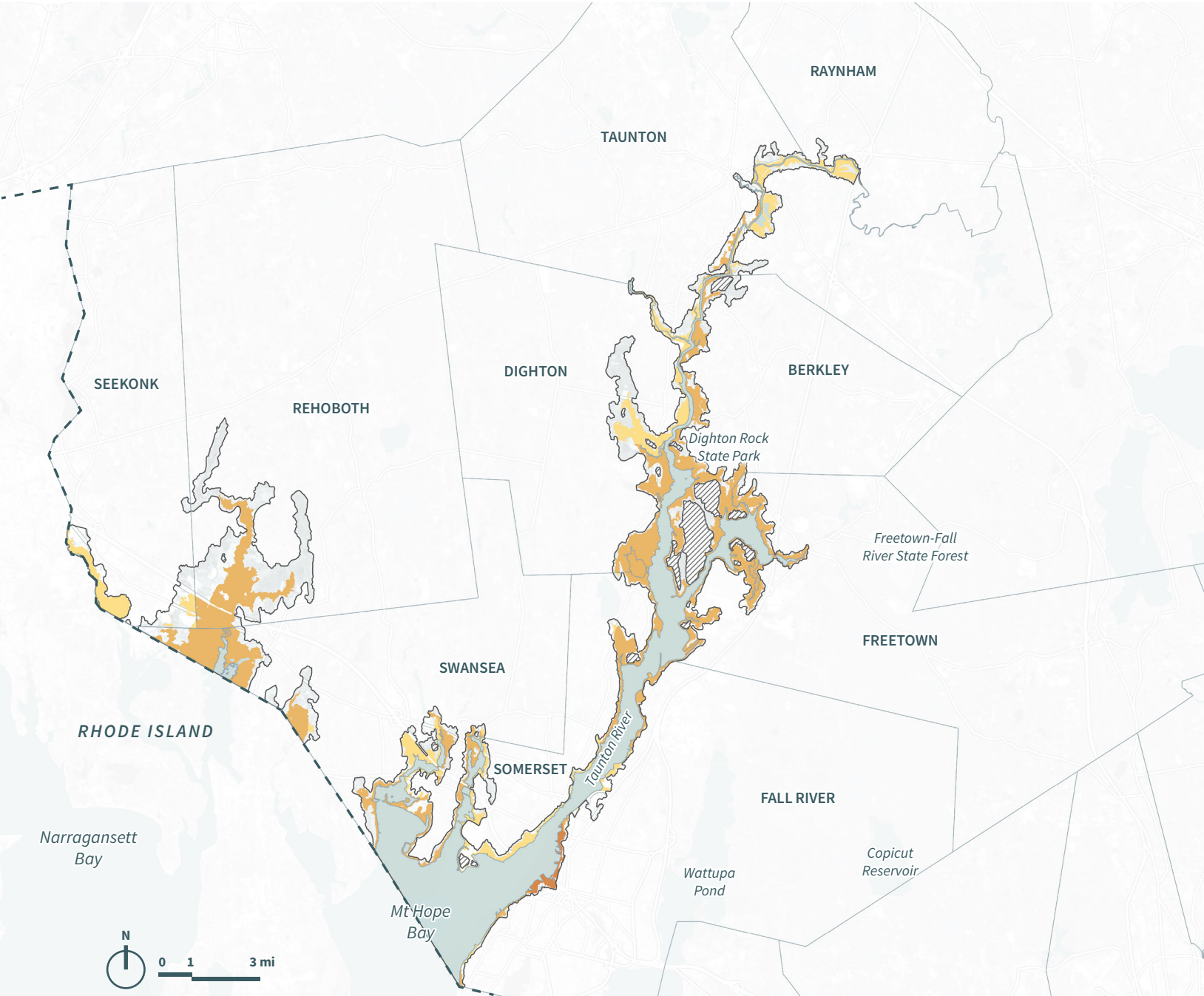
Map A3.52: Relative Concentration of Near-Term Cross-Sector Vulnerability in the Buzzards Bay District.



DISTRICT 15

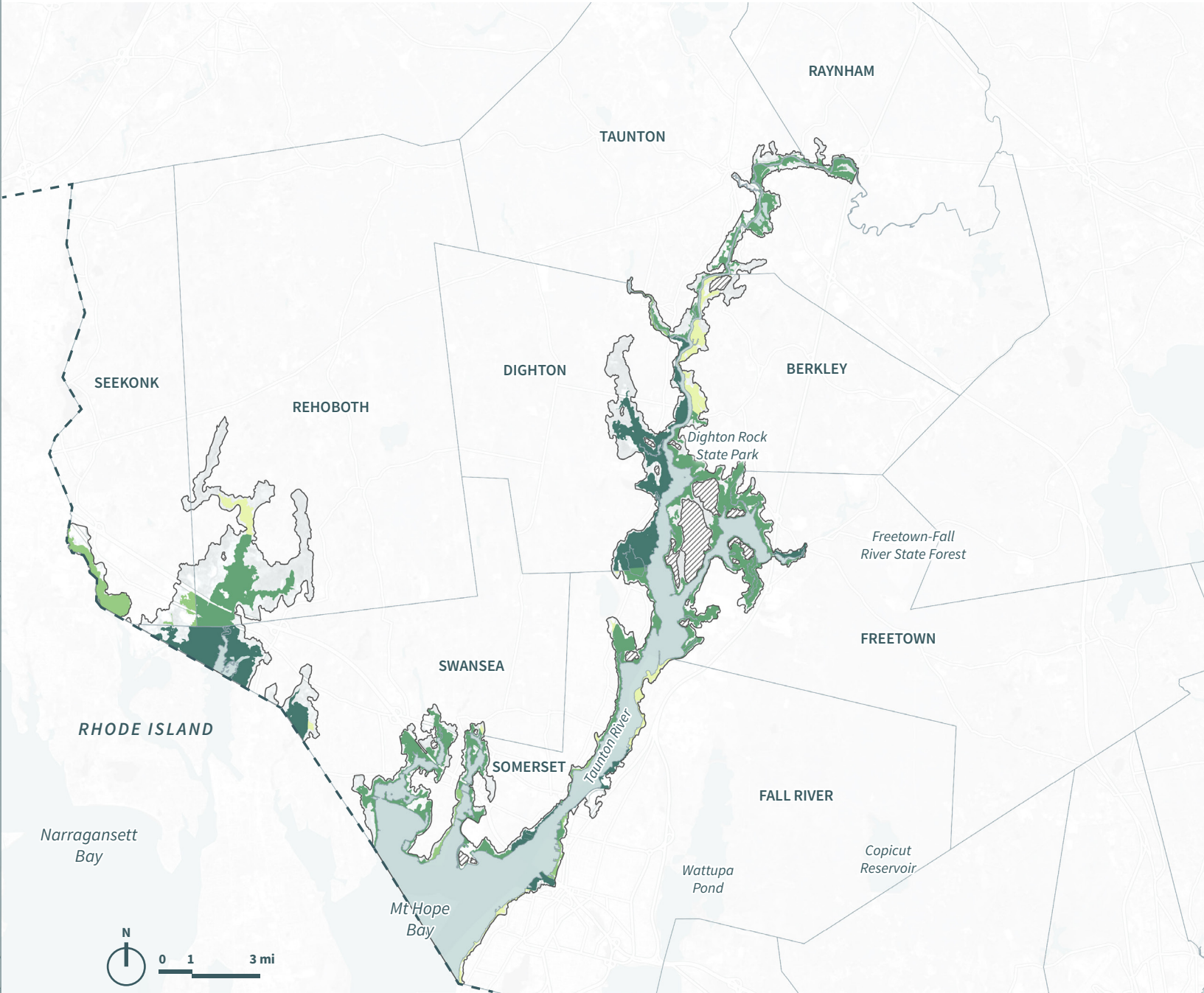
# Taunton Watershed

People & Housing



Map A3.53: Relative Concentration of Near-Term Vulnerability of People & Housing in the Taunton Watershed District.

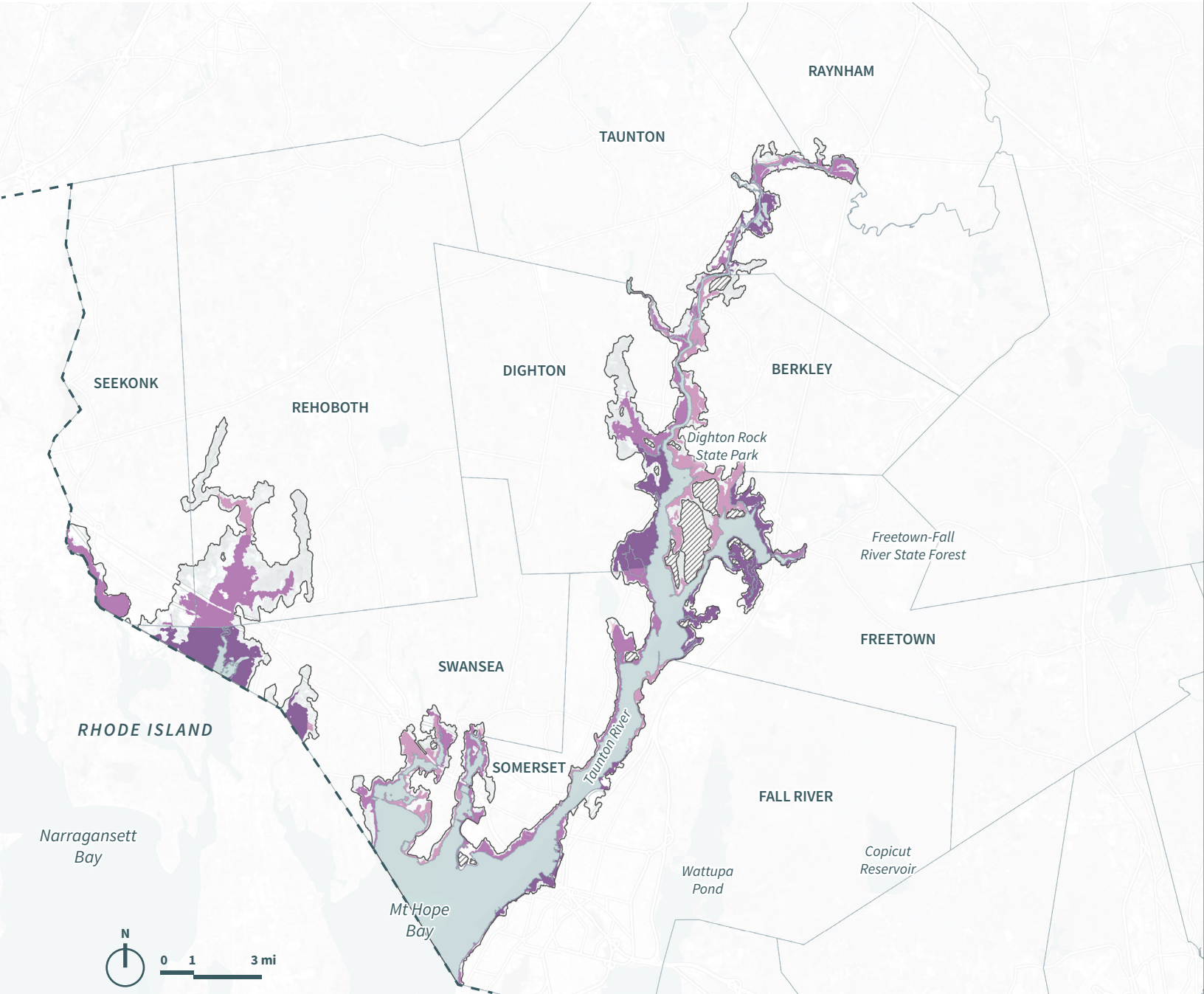
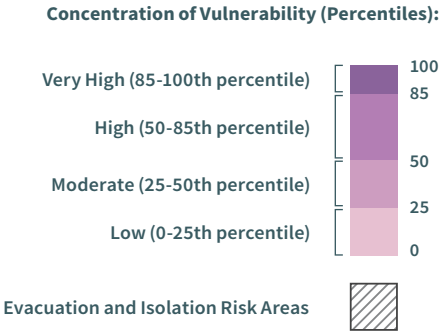
Built Infrastructure



Map A3.54: Relative Concentration of Near-Term Vulnerability of Built Infrastructure in the Taunton Watershed District.

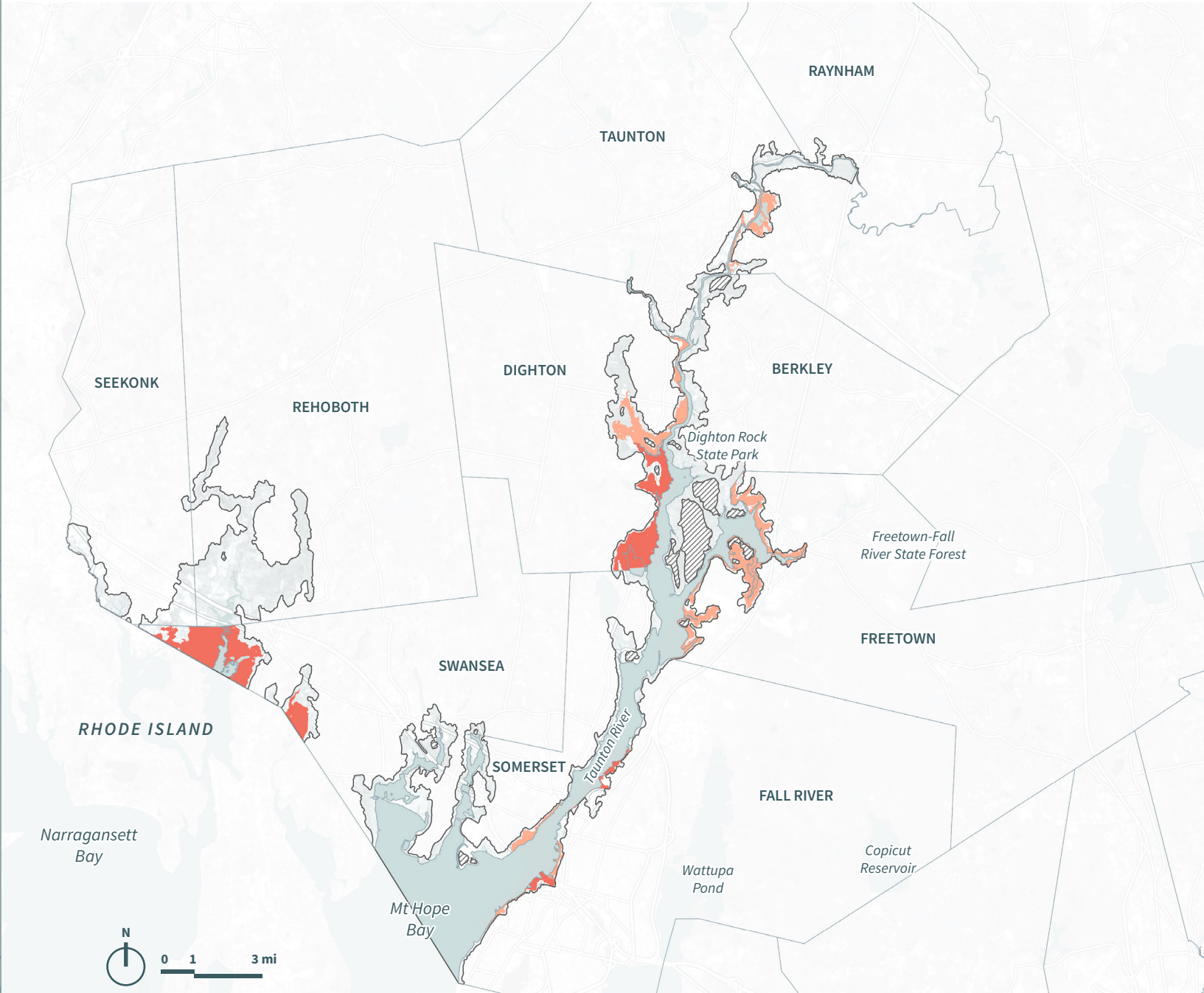
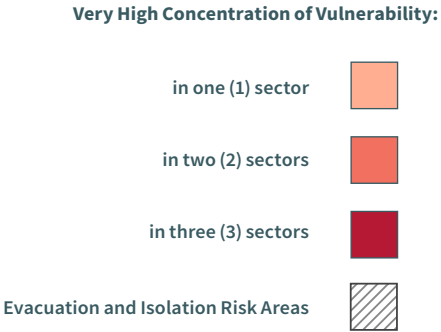


Economy



Map A3.55: Relative Concentration of Near-Term Vulnerability of Economy in the Taunton Watershed District.

Cross-Sector Vulnerability



Map A3.56: Relative Concentration of Near-Term Cross-Sector Vulnerability in the Taunton Watershed District.



**Resilient**Coasts Initiative

[mass.gov](https://mass.gov)