Neighborhoods at Risk

A free online tool: headwaterseconomics.org/nar

Neighborhoods at Risk is an easy-to-use website with interactive maps, charts, and resources to help communities identify neighborhoods that may be more impacted by climate change. It shows where people may experience unequal impacts from hurricanes, flooding, and extreme heat.

It is free to use and available for every community and county in the nation.

Neighborhoods at Risk helps communities:

- Prioritize capital improvements.
- Conduct vulnerability assessments.
- Inform land use and policy decisions.
- Develop mitigation plans.
- Support grant proposals.

Neighborhoods at Risk supports:

ELECTED OFFICIALS
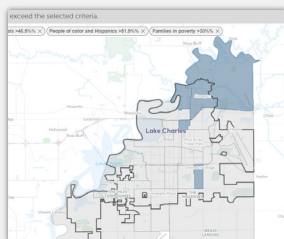
PLANNERS

CLIMATE PRACTITIONERS

ADVOCATES

"Neighborhoods at Risk helped our city find insights and take action around hard questions related to diversity and equity."

-Missy Stults, PhD
*Sustainability and Innovations Manager,
City of Ann Arbor, MI*
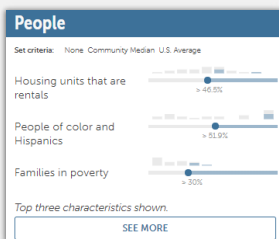
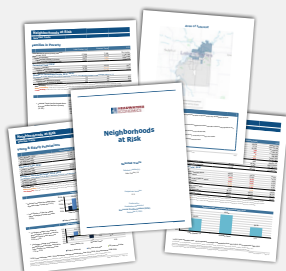# What can you do with Neighborhoods at Risk?

Find At-Risk Neighborhoods

Learn where risk is highest.
Display the top vulnerabilities for your community.

Customize your map.
Apply filters based on neighborhood characteristics.

Get population summaries.
Learn how many people live in at-risk neighborhoods.

Download a PDF report.
Dig deeper into the characteristics of your selected neighborhoods.

Explore Climate Projections
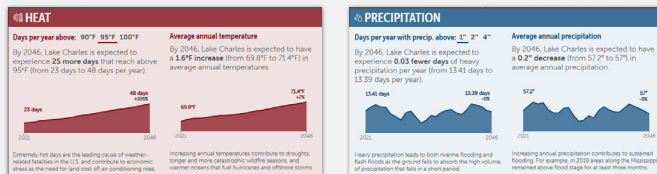
Access community-specific climate data.
Easily adjust the time period, temperatures and precipitation settings.

Advantages
- Free, friendly, intuitive interface
- Displays top vulnerabilities for your community
- Brings together data about people and climate exposure
- Continuously updated data

Limitations
- Not a replacement for state, local, or individual property assessments
- Works best for communities with more than 1,000 people

Data Sources: Demographics, poverty, and housing characteristics from the U.S. Census Bureau's American Community Survey. Tree canopy and impervious surface data from the National Land Cover Dataset. Floodplain data from FEMA. Hurricane flood zones from First Street Foundation. Climate projections from the Applied Climate Information System managed by the Northeast Regional Climate Center at Cornell University.

This free tool is nationally available thanks to generous support of the Tableau Foundation, Mapbox, Urban Sustainability Directors Network, M. J. Murdock Charitable Trust, Climate Resilience Fund, National Oceanic and Atmospheric Administration, and National Academy of Sciences, Engineering, and Medicine.