

# Climate Change and Health Equity in The City of Rochester

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## What We Did

- 4 Individual Projects
    - Air Quality
    - Extreme Heat Events
    - Extreme Weather Events
    - Vector-Borne Disease
- Survey Report  
GIS Mapping

## How We Did It

- Identifying key health determinants from CVA
- Background Research on health determinants
- Local data analysis
- Public survey
- Analysis of survey data, recommendations

All data and maps are taken from our individual and survey reports.

## Survey Report

14 questions adapted from the Washtenaw County Public Health's "Hot Weather and Health HIA"

Conducted at two locations

- Public Market
- Westside Farmers Market

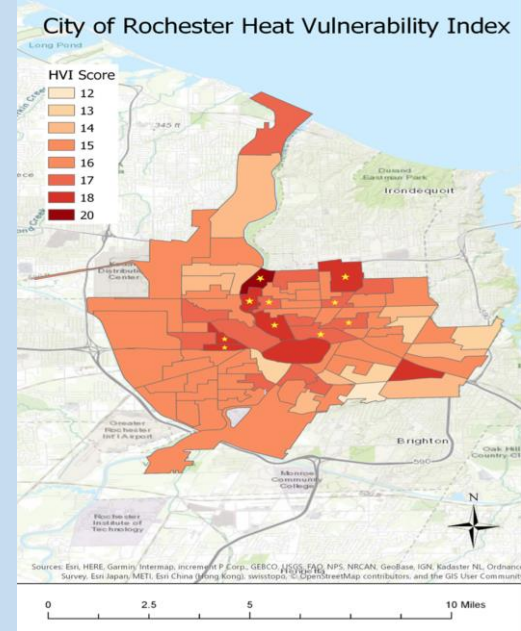
197 Respondents

Survey conducted to assess the community's awareness of the health implications of climate change

Demographics

- 76% of the respondents were city residents
- 58.5% of respondents had a bachelor's degree or higher
- 37% of respondents are under the federal poverty level
  - Calculated with household size & income level

## Results and Mapping



Respondents under the poverty level consider themselves at increased risk for heat related illness in comparison to those above the poverty level.

Rochester residents find it likely that climate change related events will increase over the next 50 years.

## U of R's

### Recommendations

Expand and revitalize Rochester's Urban Forestry Program to include climate change when planting and maintaining new trees.

Expand education for emergency preparedness.

- Low-income programs

Wooden borders on trails.  
Gravel/Woodchips around playgrounds to reduce ticks.  
Reduction of standing water and tall grasses in public parks.

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