



**BAS**

**BALTIMORE  
AREA  
SURVEY**

Understanding Baltimore  
Residents  
with the  
**Baltimore Area Survey**

July 19, 2024

## 21<sup>st</sup> CENTURY CITIES INITIATIVE

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Our most important contributions come through **innovative, compassionate research** in our own home of Baltimore, by studying both our **challenges** and our sources of **strength and resilience**

**The Baltimore Area Survey is an  
annual survey that is  
statistically representative  
of Baltimore City and County residents**

# Principles:

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- Collect timely data
- Provide useful data that complement existing data sources
- Release data publicly for community use
- Statistically represent Baltimore-area residents

## Statistical Representation

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- Representative sample of 10,000 addresses: 6,000 in the City & 4,000 in the County
- Oversample addresses from Black/Latinx neighborhoods
- Weight data to be statistically representative based on benchmarks



**Themes**

**Neighborhoods**

**Health**

**Connectivity**

**Finance &  
Entrepreneurship**

**Description of Questions**

Perceptions of **neighborhood conditions**

**Self-ratings** of health and **connections** to health-related conditions, especially drug use and Covid

Connections to **organizations and institutions** and to **opportunities** throughout the Baltimore area

Financial conditions and entrepreneurial sentiments

## METHOD

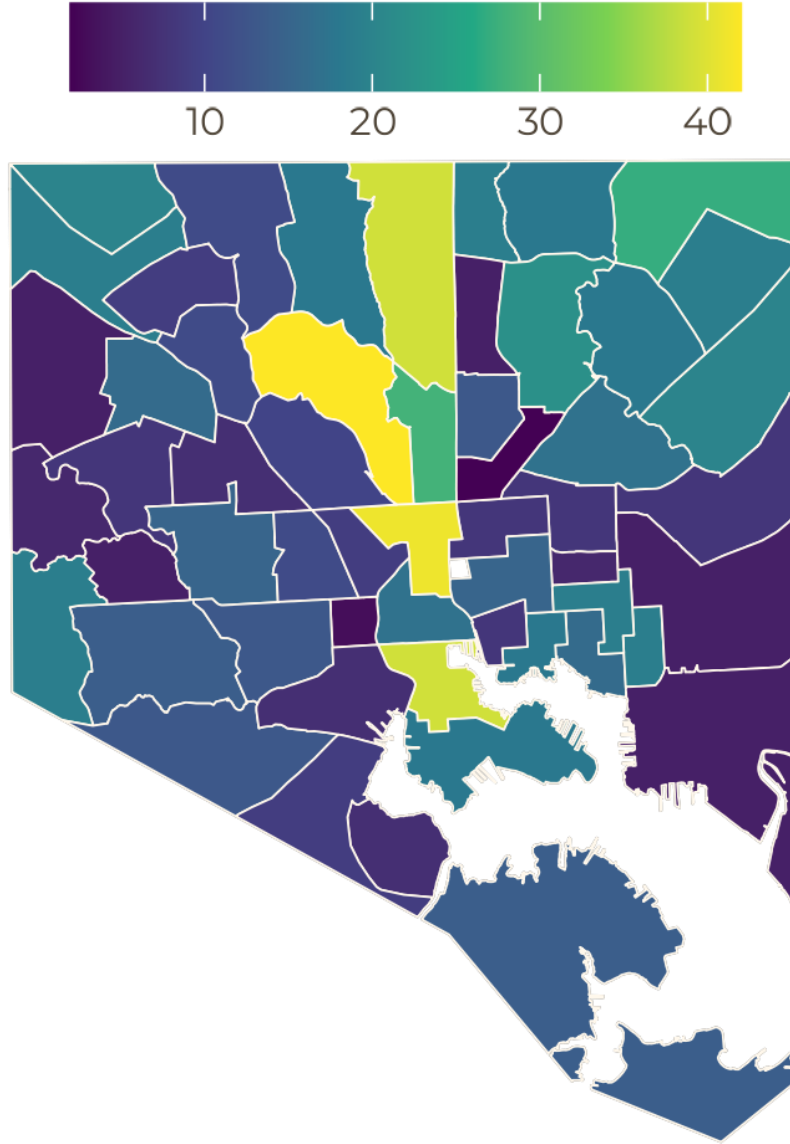
**MODE:** Push to web (mail delivery with QR code) in **June & July 2023**

**SAMPLE:** Representative sample of **1,352** adults  
**818** in Baltimore City  
**535** in Baltimore County

**WEIGHTS:** Sample & post-stratification weights to make results **representative** of Baltimore City & Baltimore County residents

**MARGINS OF ERROR:** Uncertainty due to drawing a sample of the population: **± 4.2%**  
**±5.1%** among Baltimore City residents  
**±6.3%** among Baltimore County residents

# Number of Respondents





# Data

- Available at Github:  
<https://bit.ly/bas2023-data>
- Geographic identifiers:
  - City/county
  - Public Use Microdata Area
  - Community Statistical Area (City only)
  - Census tract



JHUCities / baltimore-area-survey-data

Code Issues Pull requests Actions Projects Security Insights Settings

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main 1 Branch 1 Tags Go to file Code

mikebader Add PUMA variable 994c284 · 2 months ago 9 Commits

data/bas-2023	Add PUMA variable	2 months ago
docs	Add PUMA variable	2 months ago
.gitignore	Rename documentation directory	7 months ago
README.md	Create directory structure with descriptions	7 months ago

README

## Baltimore Area Survey Data

This repository contains data for the Baltimore Area Surveys.

The surveys are conducted annually by the [21st Century Cities Initiative \(21CC\)](#) at Johns Hopkins University. The data are collected from independent samples of adult residents in Baltimore City and Baltimore County every year. The data are organized by year, with documentation for each wave of data contained within the directory for that year.

More information about the Baltimore Area Survey can be found on the [21CC website](#). Questions about the data can be directed to [21cc@jhu.edu](mailto:21cc@jhu.edu).

Surveys are organized by year in the `data` directory. The data are saved in both a comma-delimited version ( `.csv` ) and as an R data file ( `.Rdata` ). R is an [open-source statistical software program](#) that can be used for data visualization and analysis.

Documentation for surveys can be found at <https://jhucities.github.io/baltimore-area-survey-data/>.

**Examples**



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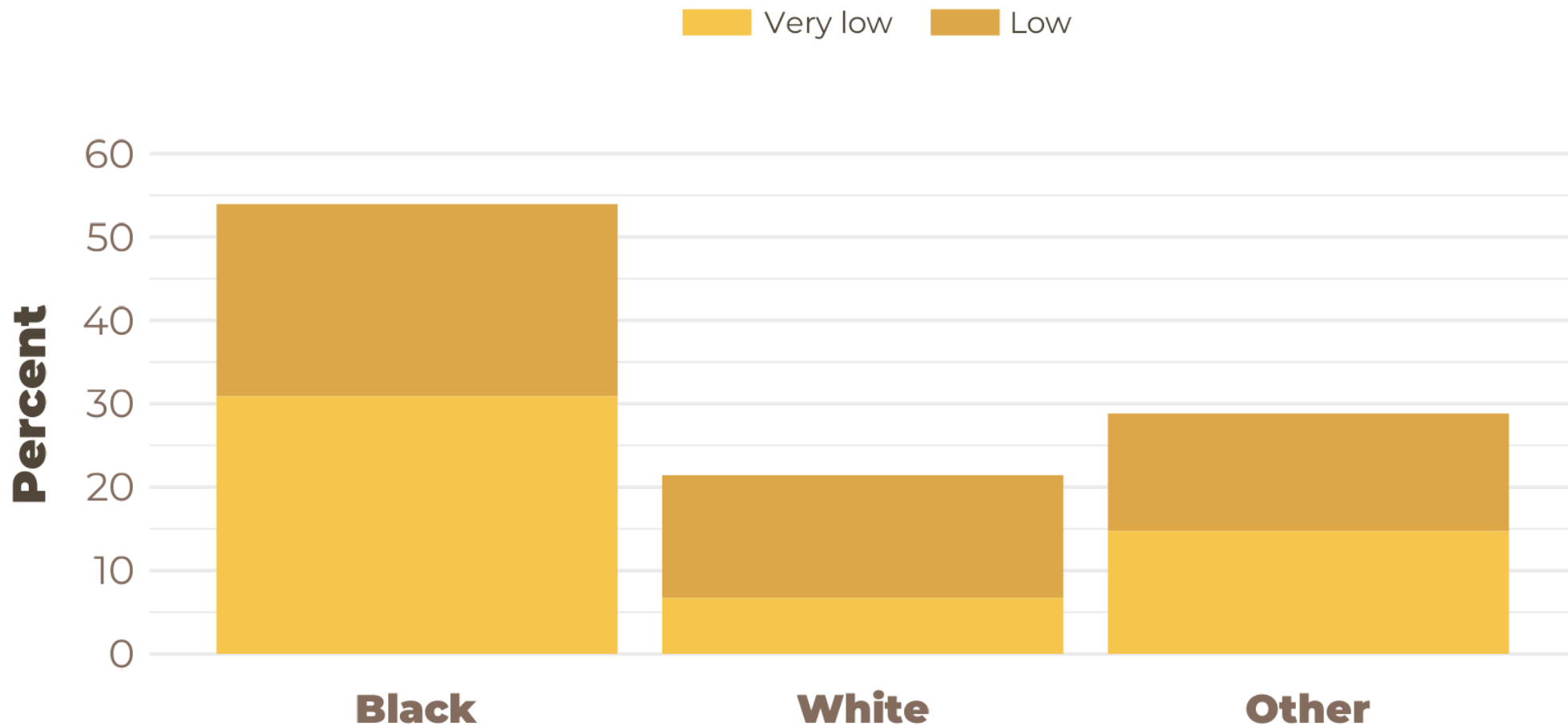
**BALTIMORE**

**AREA**

**SURVEY**

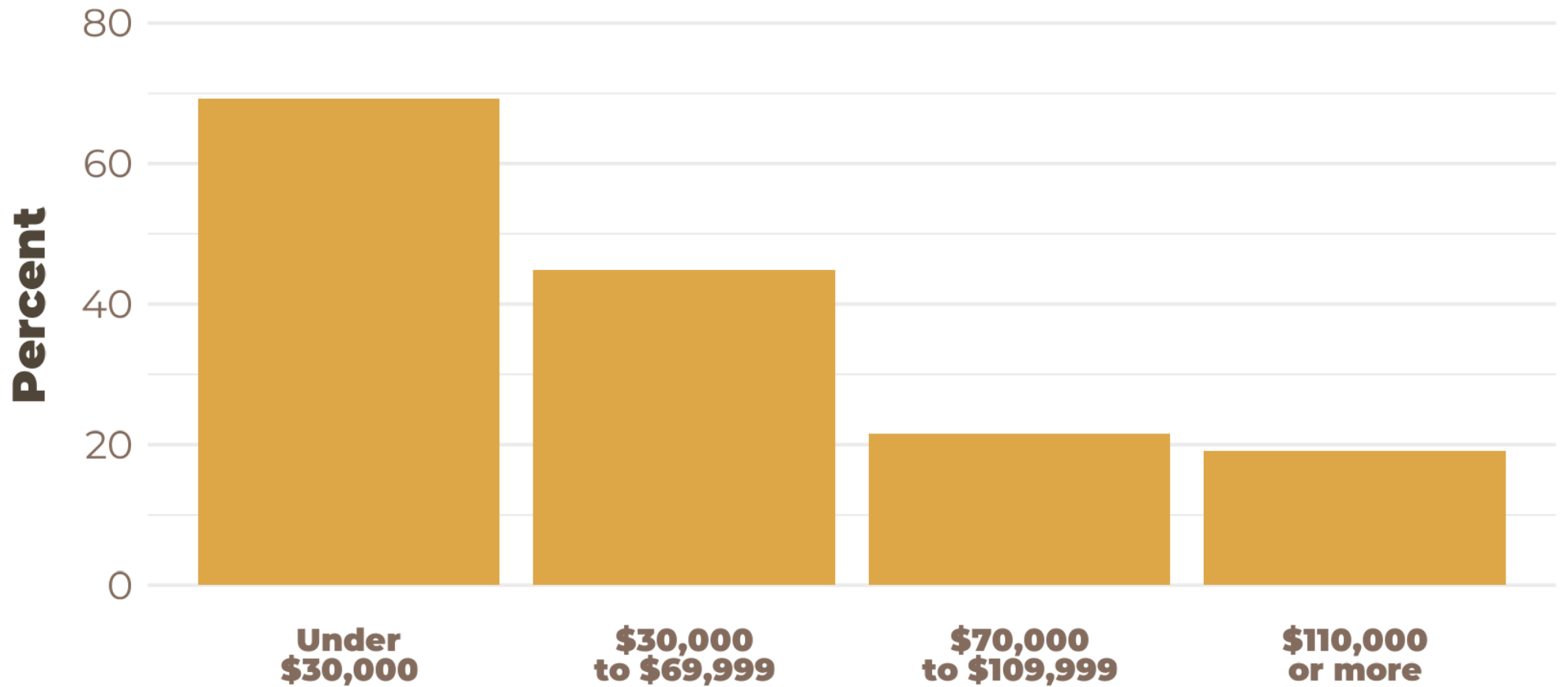
# Level of Food Security

Shares of Baltimore-area residents who experience low or very low food security by race



# Transportation Insecurity

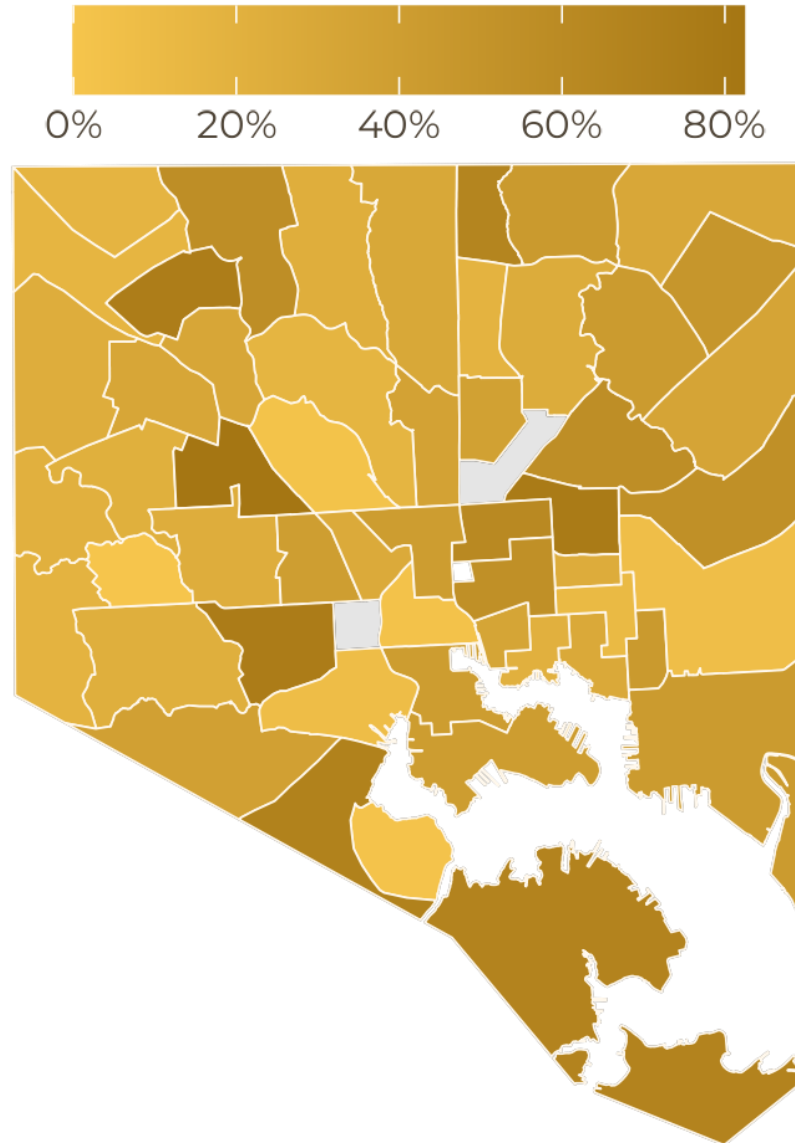
Share of Baltimore City residents reporting at least one transportation issue by income



Source: BAS 2023; Margin of error ≤11.1%

# Change in Perceived Safety

Percent who reported that personal safety has gotten worse in the past five years



Source: BAS 2023; only CSAs with 5+ respondents

**More than a quarter of  
Baltimore-area residents  
have lost a loved one due to a  
drug overdose**



# BAS

# BALTIMORE AREA SURVEY

## Looking Forward

- **2024:** Transportation
- **2025:** Environment
- **Partnerships**
  - Include modules on future surveys
  - Develop long-term collaborations for research & policy



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## BALTIMORE AREA SURVEY

[https://  
bit.ly/bas2023-data](https://bit.ly/bas2023-data)



<https://21cc.jhu.edu/bas>  
[mbader@jhu.edu](mailto:mbader@jhu.edu)  
[macmcomas@jhu.edu](mailto:macmcomas@jhu.edu)