



# HEALTH VALUE DASHBOARD EQUITY PROFILES METRICS

October 23, 2025



# VISION

Ohio is a model of health, well-being and economic vitality

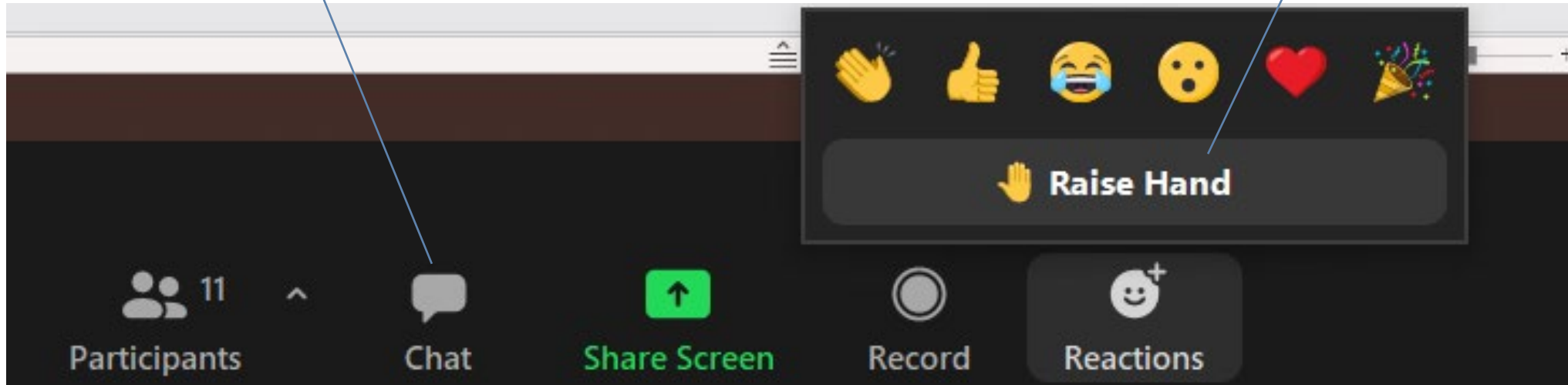
# MISSION

To advance evidence-informed policies that improve health, achieve equity, and lead to sustainable healthcare spending in Ohio.

# Participating in Zoom

Chat  
(found in bottom  
toolbar)

Raise hand  
(found inside  
reactions button)



# Agenda

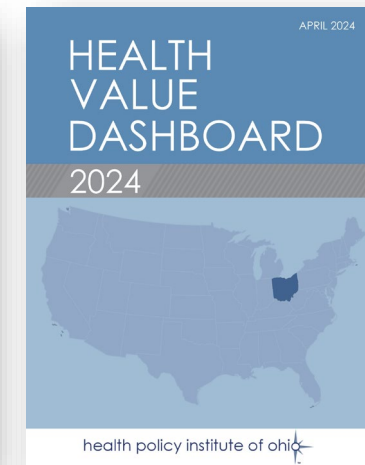
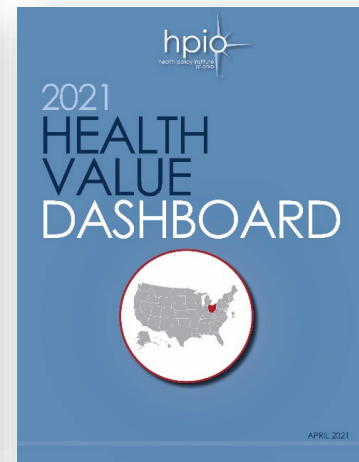
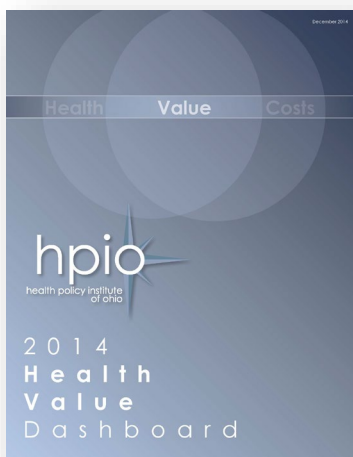
- Welcome and overview
- Health Value Dashboard and equity profile methodology updates
- Feedback on equity profile methodology
- Feedback on equity profile metrics
- Next steps

# Objectives

## **As a result of this meeting, Advisory Group members will:**

- Understand the progress that has been made on Health Value Dashboard methodology since our conversation in March.
- Discuss potential updates to Dashboard equity profile methodology
- Provide feedback on the draft metrics for the Dashboard equity profiles

# Health Value Dashboard and Equity Profiles: **Overview**

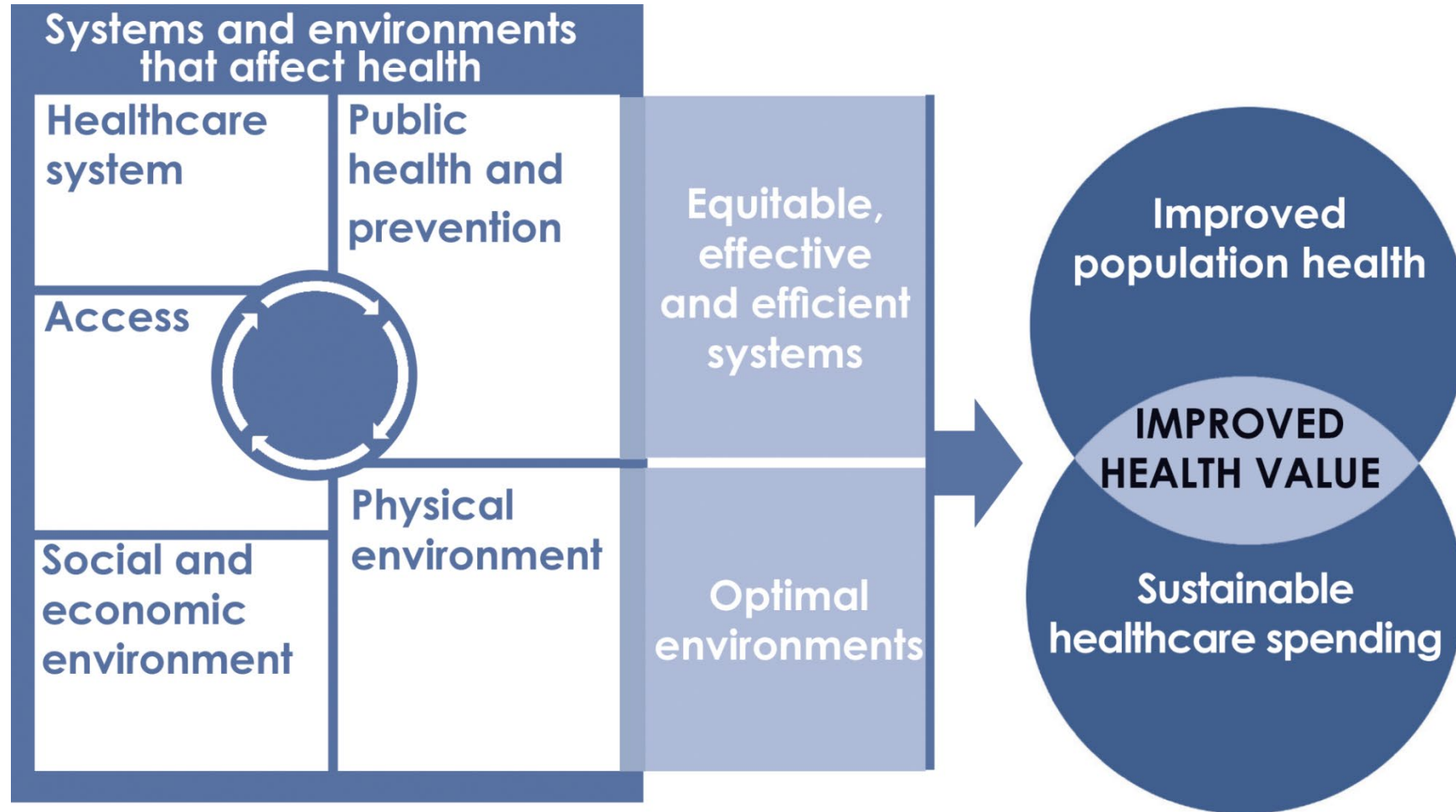


2014



2025

# Pathway to improved health value



**World Health Organization definition of health:** Health is a state of complete physical, mental and social well-being and not merely the absence of disease or infirmity.



Data in context

Data to answer questions

Data for action



Informed  
policy  
decisions

# Data in context

Rankings



Progress and trends

Moderately  
improved

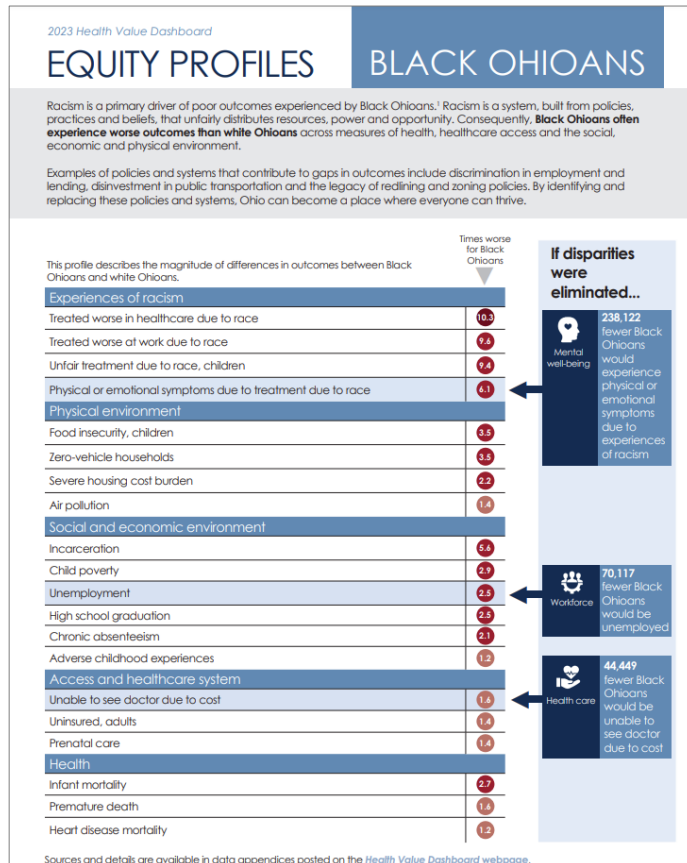
Gaps in outcomes

Times worse  
for Black  
Ohioans

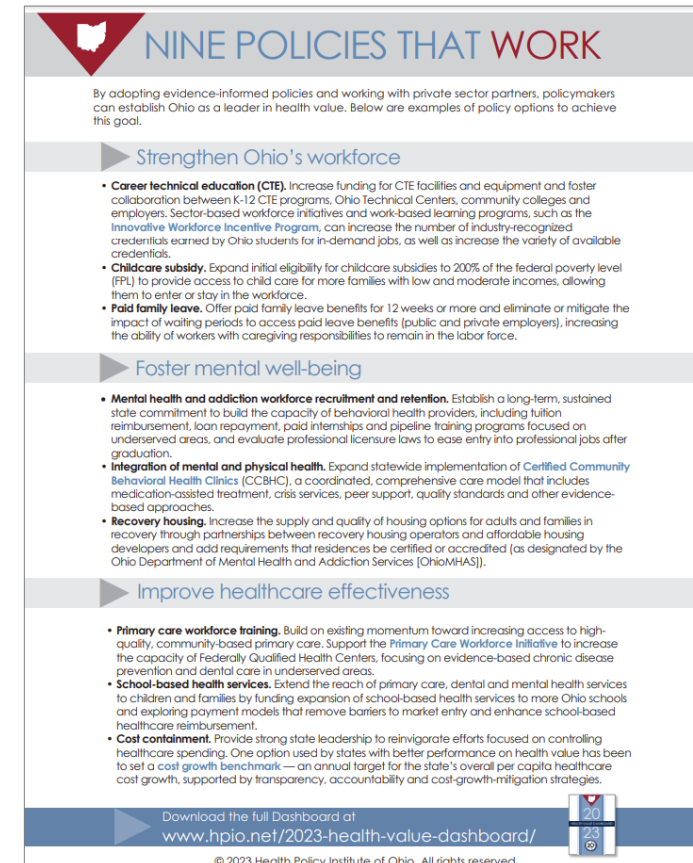


# Data to answer questions

## What drives disparities and inequities?



## How can we improve?



# Informed policy decisions



Data in  
context



Concise key  
findings

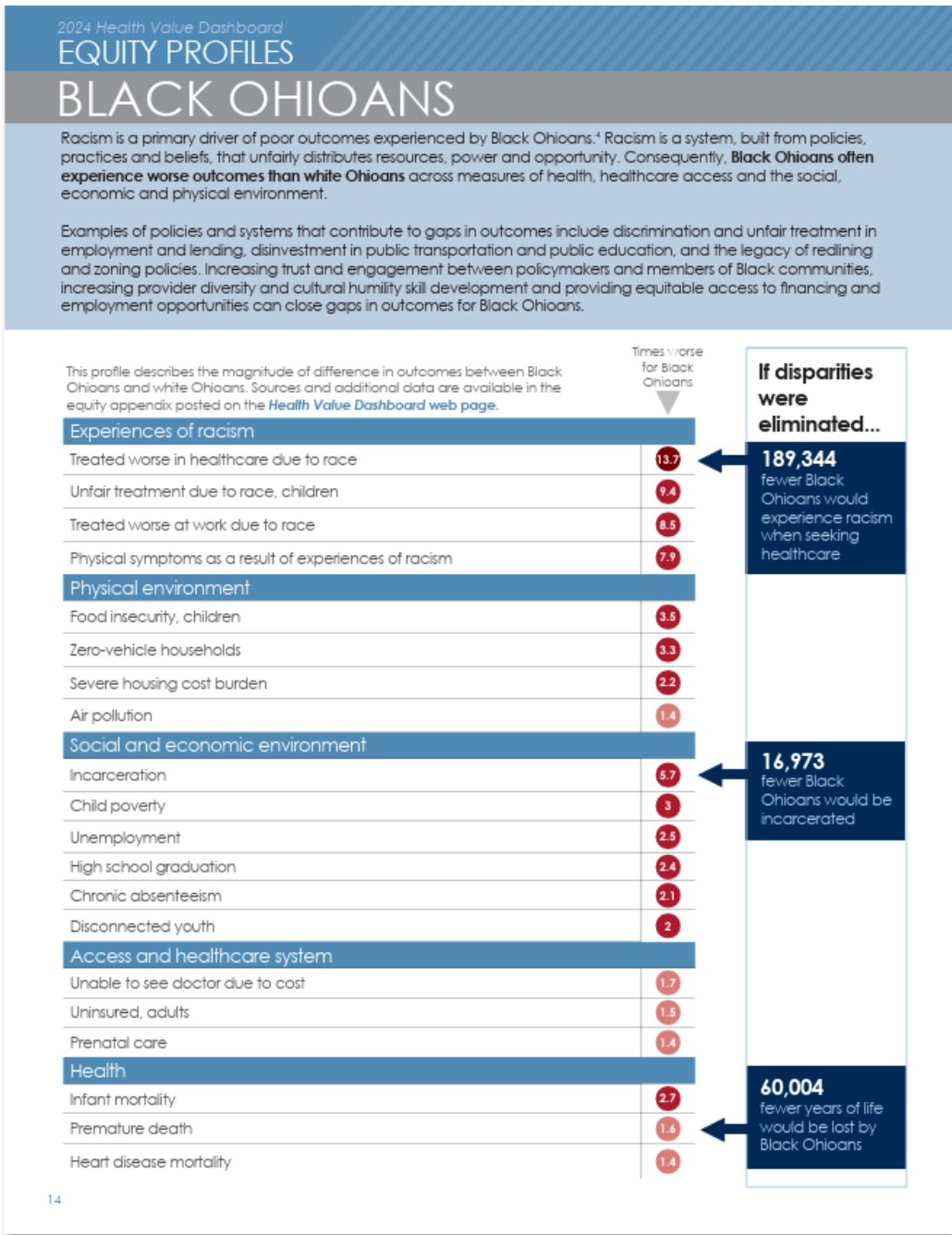


Highlight  
what works

# 2024 Equity profiles

- ▶ Black Ohioans
- ▶ Hispanic/Latino Ohioans
- ▶ Asian Ohioans
- ▶ Ohioans with disabilities
- ▶ Ohioans with lower incomes and/or less education
- ▶ LGBTQ+ Ohioans

# 2024: example equity profile



# Appendix

|                                 |                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |        |       |       |     |     |     |        |        |     |                                                                                        |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|-------|-------|-----|-----|-----|--------|--------|-----|----------------------------------------------------------------------------------------|
| Access and healthcare system    | <b>Flu vaccinations.</b> Percent of people, ages 6 months and older, who did not receive a flu vaccination (2022–2023 flu season)                                                    | Percent of people, ages 6 months and older, who did not receive a flu vaccination during the flu season.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 47.1%  | 61.2%  | 54.1% | N/A   | 1.3 | 1.1 | N/A | N/A    | N/A    | N/A | Centers for Disease Control and Prevention, Respiratory Disease Surveillance System    |
| Social and economic environment | <b>Chronic absenteeism.</b> Percent of students who were chronically absent from school (2022–2023 school year)                                                                      | Percent of students with excused or unexcused absences from school that exceed at least 10% of possible attendance hours, for students with at least 100 hours of possible attendance.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 21.0%  | 45.0%  | 35.0% | 16.4% | 2.1 | 1.7 | 0.8 | 67,315 | 17,305 | N/A | Ohio Department of Education, Report Cards Excerpt                                     |
| Social and economic environment | <b>Incarceration.</b> Number of people incarcerated in Ohio Department of Rehabilitation and Corrections prisons, per 100,000 population (July 2023 snapshot; 2022 1-year estimates) | Number of people incarcerated in Ohio Department of Rehabilitation and Corrections (ODRC) prisons for fiscal year 2023, per 100,000 population. Some, but very few, people incarcerated in ODRC prisons are under the age of 18.                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 251    | 1422   | N/A   | N/A   | 5.7 | N/A | N/A | 16,973 | N/A    | N/A | Analysis of Ohio U.S. Census Bureau Data                                               |
| Social and economic environment | <b>Arrests.</b> Number of people arrested, all ages, per 100,000 population (2022)                                                                                                   | Number of people arrested, all ages, per 100,000 population. The data source for this indicator, the Ohio Incident-Based Reporting System, is a voluntary reporting system. In 2022, law enforcement agencies with jurisdictions over about 93.7% of Ohio's population reported to this system. Therefore, population estimates for each group were multiplied by 93.7% before calculating the arrest rate.                                                                                                                                                                                                                                                                                        | 1266.3 | 4881.5 | N/A   | 283.5 | 3.9 | N/A | 0.2 | 52,400 | N/A    | N/A | Ohio Incident-Based Reporting System, compiled by the Ohio Department of Public Safety |
| Social and economic environment | <b>Child poverty.</b> Percent of people under age 18, in households with incomes below the federal poverty level (2018–2022)                                                         | Percent of people under age 18, in households with incomes below the federal poverty level.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 13.2%  | 38.9%  | 28.1% | 10.8% | 3.0 | 2.1 | 0.8 | 96,229 | 26,081 | N/A | U.S. Census Bureau, B17001A, B17002                                                    |
| Social and economic environment | <b>Unemployment.</b> Percent of people who are jobless, looking for a job and available for work (2018–2022)                                                                         | Percent of people who are unemployed during the reference week surveyed by the American Community Survey (ACS). The ACS defines people ages 16 or older who are not working but participating in the labor force (i.e. willing, able and looking for work) as unemployed.                                                                                                                                                                                                                                                                                                                                                                                                                          | 4.1%   | 10.2%  | 6.9%  | 3.6%  | 2.5 | 1.7 | 0.9 | 68,093 | 9,473  | N/A | U.S. Census Bureau, S2301                                                              |
| Social and economic environment | <b>High school graduation.</b> Percent of students who do not graduate in four years with a regular high school diploma (2022–2023 school year)                                      | Percent of students who do not graduate in four years with a regular high school diploma using the state of Ohio method for calculating graduation rates. The percent of students who graduate in four years was calculated using the adjusted cohort graduation rate (ACGR). From the beginning of ninth grade (or the earliest high school grade), students who are entering that grade for the first time form a cohort that is “adjusted” by adding any students who subsequently transfer into the cohort and subtracting any students who subsequently transfer out, emigrate to another country, or die.                                                                                    | 9.6%   | 22.8%  | 22.5% | 5.5%  | 2.4 | 2.3 | 0.6 | N/A    | N/A    | N/A | Ohio Department of Education                                                           |
| Social and economic environment | <b>Disconnected youth.</b> Percent of youth, ages 16–24, who are not working or in school (2017–2021)                                                                                | Percent of youth, ages 16–24, who are not working or in school.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 9.2%   | 18.7%  | 13.2% | 6.8%  | 2.0 | 1.4 | 0.7 | 18,088 | 3,150  | N/A | Analysis of U.S. Microdata Sample, Ohio Department of Public Safety                    |
| Social and economic environment | <b>Adverse childhood experiences.</b> Percent of children who have experienced two or more adverse experiences (2020–2021)                                                           | Percent of children who have experienced two or more adverse experiences (ACEs), among nine ACEs defined by the National Survey of Children's Health: “Somewhat often” or “very often” hard to get by on family income; parent or guardian divorced or separated; living with a family member who has a mental health problem; living with a family member who has a substance use problem; living with a family member who is in prison or jail; living with a family member who is on probation or parole; living with a family member who is in the military; living with a family member who is a victim of domestic violence; living with a family member who is a victim of sexual violence. | 21.3%  | 24.8%  | 24.0% | 3.9%  | 1.2 | 1.1 | 0.2 | 13,063 | 4,721  | N/A | Analysis of Health Affairs, Ohio Department of Public Safety                           |

# 2026 Equity profiles: Methodology **Discussion**



# Current methodology

“systematically disadvantaged group”

---

“systematically advantaged group”

=

Disparity ratio

# Benefits of current methodology

- Familiar to our audience
- Simple calculation, simple to understand
- Can do it for all metrics, very flexible

# Limitations and challenges

- Making all metrics ascending artificially produces larger disparity ratios
- We cannot trend ratios over time, which doesn't allow us to see if we are closing gaps or moving towards equity
- Just because the advantaged group is performing better than the disadvantaged doesn't mean they are doing well
- The advantaged group is sometimes not doing better than other groups (Example: on some metrics Asian Ohioans perform better than White Ohioans)
- Disparity ratios can mask diversity within groups (example: Asian Ohioans are very diverse, some doing quite well and others really struggling)

# Some solutions we suggested

- **Option 1:** Calculating statistical significance
- **Option 2:** Comparing groups to Ohio overall
- **Option 3:** Comparing groups to the rest of the state
- **Option 4:** Comparing groups to benchmarks

# Methodology change considerations

- Feedback from EAG
  - Elevating different things for each community
  - Highlighting positive data as well as negative
  - Telling a cohesive story
  - Elevating the data appendix and making it more prominent
- Methodological feasibility and rigor
- Transparency and impartiality

# Plan #1: Group vs. rest of Ohio

Group value

---

Non-Group value

=

Disparity ratio

# Plan #1: Group vs. rest of Ohio

- Pros

- Easy interpretation (group is X times worse than the rest of the state)
- Most sound methodological option \*second to statistical significance
- We already do it this way in the Disability vs non-Disability profile

- Cons

- Can't do it for all measures (← we addressed this by only including metrics for which this methodology is feasible)
- May also show less of a disparity for disadvantaged groups (← we addressed this by doing a study of the largest disparities in the dashboard, and they still qualify as “Large disparity” by our methodology.)

# Plan #2: Disaggregate all metrics by all groups possible

| <b>Kindergarten readiness.</b> Percent of students who demonstrated kindergarten readiness based on the Ohio Kindergarten Readiness Assessment Revised (KRA-R) |                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| Black, non-Hispanic                                                                                                                                            | Large disparity        |
| White, non-Hispanic                                                                                                                                            | Little to No disparity |
| Hispanic                                                                                                                                                       | Large disparity        |
| Multiracial                                                                                                                                                    | Moderate Disparity     |
| American Indian or Alaskan Native                                                                                                                              | Moderate Disparity     |
| Asian or Pacific Islander                                                                                                                                      | Little to No disparity |
| Students with disabilities                                                                                                                                     | Large Disparity        |
| Students without disabilities                                                                                                                                  | Little to No disparity |
| Students with economic disadvantage                                                                                                                            | Large Disparity        |
| Students without economic disadvantage                                                                                                                         | Little to No disparity |

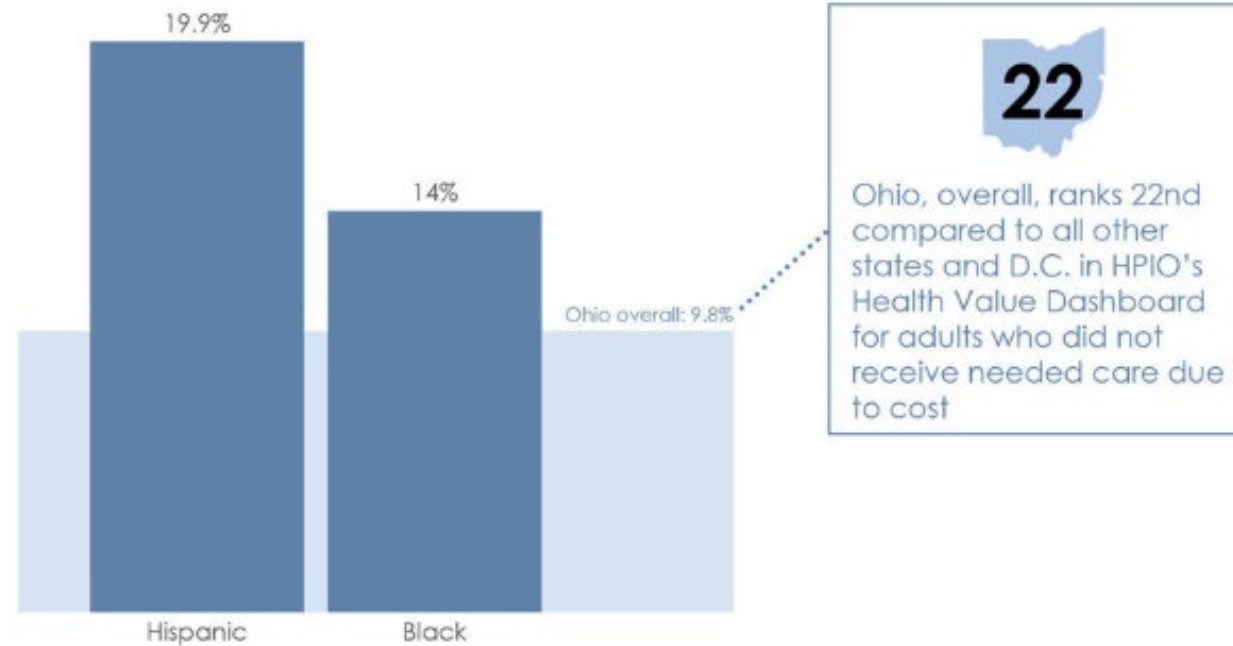
*\* Small sample size, interpret with caution*



# Plan #3: More story telling like data snapshots

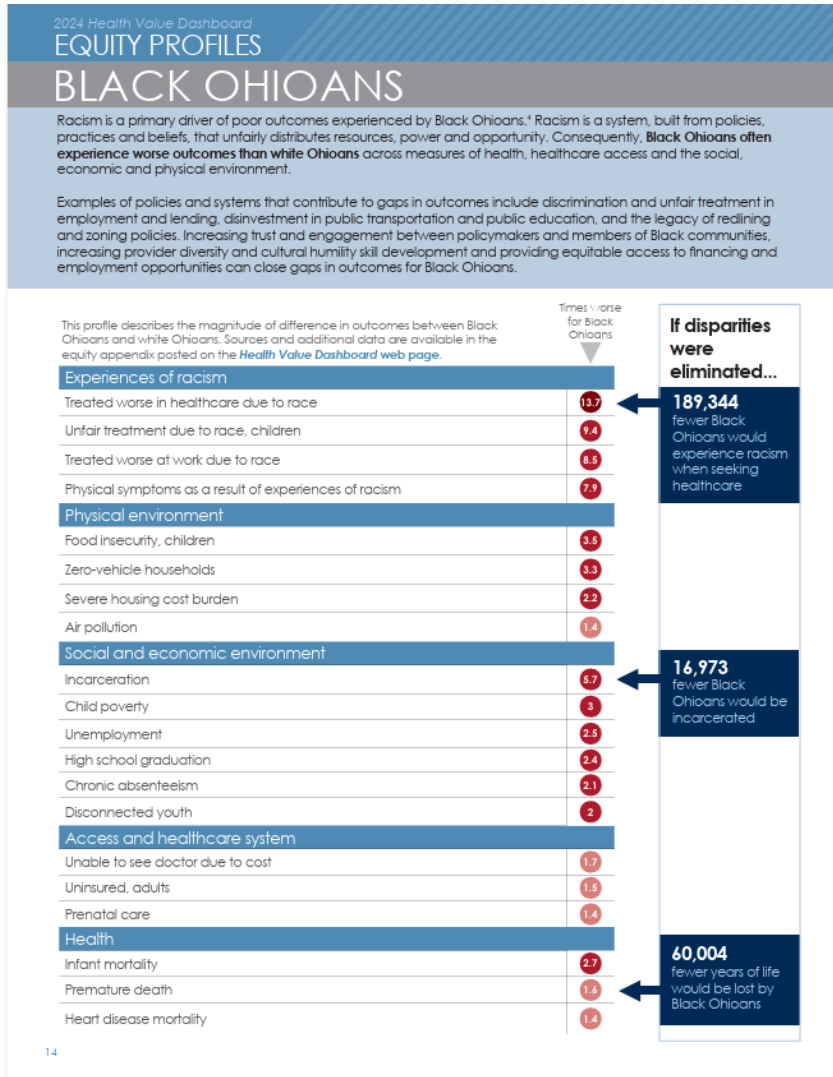
## Ohioans face less health cost barriers than people in most other states, but racial disparities persist

Unable to see doctor due to cost. Percent of adults who went without care because of cost in the past year, by race, 2022



Source: HPIO 2024 Health Value Dashboard. Data from Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System

# Plan #4: disparity ratios all together



|                                                                                                                                                                                            |                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| <b>Job change due to child care, family members.</b> Percent of children, ages 0-5, with a family member who had to change their job due to problems with child care in the past 12 months |                        |
| Black, non-Hispanic*                                                                                                                                                                       | Large disparity        |
| White, non-Hispanic                                                                                                                                                                        | Little to No Disparity |
| Hispanic*                                                                                                                                                                                  | Moderate Disparity     |
| <b>Food insecurity.</b> Percent of children, ages 0-5, whose household could not always afford to eat good nutritious meals in the past 12 months                                          |                        |
| Black, non-Hispanic*                                                                                                                                                                       | Moderate Disparity     |
| White, non-Hispanic                                                                                                                                                                        | Little to No Disparity |
| Hispanic*                                                                                                                                                                                  | Moderate Disparity     |
| <b>Housing cost burden.</b> Percent of children, ages 0-5, who lived in households where 30% or more of monthly income was spent on rent                                                   |                        |
| Black, non-Hispanic                                                                                                                                                                        | Large disparity        |
| White, non-Hispanic                                                                                                                                                                        | Little to No Disparity |
| Asian, non-Hispanic                                                                                                                                                                        | Moderate Disparity     |
| Hispanic                                                                                                                                                                                   | Moderate Disparity     |
| <b>Employment insecurity, parents.</b> Percent of children, ages 0-5, who live in families where no caregiver was employed full-time                                                       |                        |
| 0-199% FPL                                                                                                                                                                                 | Large disparity        |
| 200%+ FPL                                                                                                                                                                                  | Little to No Disparity |

|                                                                                                                                                                |                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| <b>Kindergarten readiness.</b> Percent of students who demonstrated kindergarten readiness based on the Ohio Kindergarten Readiness Assessment Revised (KRA-R) |                        |
| Black, non-Hispanic                                                                                                                                            | Large disparity        |
| White, non-Hispanic                                                                                                                                            | Little to No disparity |
| Hispanic                                                                                                                                                       | Large disparity        |
| Multiracial                                                                                                                                                    | Moderate Disparity     |
| American Indian or Alaskan Native                                                                                                                              | Moderate Disparity     |
| Asian or Pacific Islander                                                                                                                                      | Little to No disparity |
| Students with disabilities                                                                                                                                     | Large Disparity        |
| Students without disabilities                                                                                                                                  | Little to No disparity |
| Students with economic disadvantage                                                                                                                            | Large Disparity        |
| Students without economic disadvantage                                                                                                                         | Little to No disparity |

\* Small sample size, interpret with caution

# Plan #5: Link on every page to Appendix with all calculations

|                                 |                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |        |       |       |     |     |     |        |        |     |                                                                 |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|-------|-------|-----|-----|-----|--------|--------|-----|-----------------------------------------------------------------|
| Access and healthcare system    | <b>Flu vaccinations.</b> Percent of people, ages 6 months and older, who did not receive a flu vaccination (2022–2023 flu season)                                                                                | Percent of people, ages 6 months and older, who did not receive a flu vaccination during the flu season.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 47.1%  | 61.2%  | 54.1% | N/A   | 1.3 | 1.1 | N/A | N/A    | N/A    | N/A | Centers for Disease Control and Prevention, Respiratory Disease |
| Social and economic environment | <b>Chronic absenteeism.</b> Percent of students who were chronically absent from school (2022–2023 school year)                                                                                                  | Percent of students with excused or unexcused absences from school that exceed at least 10% of possible attendance hours, for students with at least 100 hours of possible attendance.                                                                                                                                                                                                                                                                                                                                                                                                                          | 21.0%  | 45.0%  | 35.0% | 16.4% | 2.1 | 1.7 | 0.8 | 67,315 | 17,305 | N/A | Ohio Department of Education, Report Cards Ex                   |
| Social and economic environment | <b>Incarceration.</b> Number of people incarcerated in Ohio Department of Rehabilitation and Corrections (ODRC) prisons for fiscal year 2023, per 100,000 population (July 2023 snapshot; 2022 1-year estimates) | Number of people incarcerated in Ohio Department of Rehabilitation and Corrections (ODRC) prisons for fiscal year 2023, per 100,000 population. Some, but very few, people incarcerated in ODRC prisons are under the age of 18.                                                                                                                                                                                                                                                                                                                                                                                | 251    | 1422   | N/A   | N/A   | 5.7 | N/A | N/A | 16,973 | N/A    | N/A | Analysis of Ohio U.S. Census Bu                                 |
| Social and economic environment | <b>Arrests.</b> Number of people arrested, all ages, per 100,000 population (2022)                                                                                                                               | Number of people arrested, all ages, per 100,000 population. The data source for this indicator, the Ohio Incident-Based Reporting System, is a voluntary reporting system. In 2022, law enforcement agencies with jurisdictions over about 93.7% of Ohio's population reported to this system. Therefore, population estimates for each group were multiplied by 93.7% before calculating the arrest rate.                                                                                                                                                                                                     | 1266.3 | 4881.5 | N/A   | 283.5 | 3.9 | N/A | 0.2 | 52,400 | N/A    | N/A | Ohio Incident-B compiled by the                                 |
| Social and economic environment | <b>Child poverty.</b> Percent of people under age 18, in households with incomes below the federal poverty level (2018–2022)                                                                                     | Percent of people under age 18, in households with incomes below the federal poverty level.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 13.2%  | 38.9%  | 28.1% | 10.8% | 3.0 | 2.1 | 0.8 | 96,229 | 26,081 | N/A | U.S. Census Bu B17001A, B1700                                   |
| Social and economic environment | <b>Unemployment.</b> Percent of people who are jobless, looking for a job and available for work (2018–2022)                                                                                                     | Percent of people who are unemployed during the reference week surveyed by the American Community Survey (ACS). The ACS defines people ages 16 or older who are not working but participating in the labor force (i.e. willing, able and looking for work) as unemployed.                                                                                                                                                                                                                                                                                                                                       | 4.1%   | 10.2%  | 6.9%  | 3.6%  | 2.5 | 1.7 | 0.9 | 68,093 | 9,473  | N/A | U.S. Census Bu S2301                                            |
| Social and economic environment | <b>High school graduation.</b> Percent of students who do not graduate in four years with a regular high school diploma (2022–2023 school year)                                                                  | Percent of students who do not graduate in four years with a regular high school diploma using the state of Ohio method for calculating graduation rates. The percent of students who graduate in four years was calculated using the adjusted cohort graduation rate (ACGR). From the beginning of ninth grade (or the earliest high school grade), students who are entering that grade for the first time form a cohort that is "adjusted" by adding any students who subsequently transfer into the cohort and subtracting any students who subsequently transfer out, emigrate to another country, or die. | 9.6%   | 22.8%  | 22.5% | 5.5%  | 2.4 | 2.3 | 0.6 | N/A    | N/A    | N/A | Ohio Departmen                                                  |
| Social and economic environment | <b>Disconnected youth.</b> Percent of youth, ages 16–24, who are not working or in school (2017–2021)                                                                                                            | Percent of youth, ages 16–24, who are not working or in school.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 9.2%   | 18.7%  | 13.2% | 6.8%  | 2.0 | 1.4 | 0.7 | 18,088 | 3,150  | N/A | Analysis of U.S. Microdata Samp Affairs, Ohio Uni               |
| Social and economic environment | <b>Adverse childhood experiences.</b> Percent of children who have experienced two or more adverse experiences (2020–2021)                                                                                       | Percent of children who have experienced two or more adverse experiences (ACEs), among nine ACEs defined by the National Survey of Children's Health: "Somewhat often" or "very often" hard to get by on family income; parent or guardian divorced or                                                                                                                                                                                                                                                                                                                                                          | 21.3%  | 24.8%  | 24.0% | 3.9%  | 1.2 | 1.1 | 0.2 | 13,063 | 4,721  | N/A | Analysis of Heal Children's Health Affairs, Ohio Uni            |

< > Race and Ethnicity Appendix

Disability Appendix

Education-Income Appendix

LGBTQ+ Appendix

+

:

◀ ▶

# Discussion questions

---

- What questions do you have about the plans?
- What about these plans do you like?
- What concerns do you have?

# 2026 Equity profiles: Metrics **Discussion**

# BREAKOUT

# Experiences of Racism

---

- **Treated worse due to race.** Percent of Ohioans, ages 18 and older, who have been treated worse due to their race in the past 30 days (treated worse in healthcare at work or had physical symptoms as a result of treatment due to their race) BRFSS, 2023
- **Unfair treatment due to race, children.** Percent of children who have ever been treated or judged unfairly because of his or her race or ethnic group, NSCH 2022-2023

# 2025-2026 Timeline

## **2025**

- November-December: Data compilation and analysis

## **2026**

- January – April: Layout and review
- May: Dashboard release



# QUESTIONS?



# Contact

Lexi Chirakos

Policy and Data  
Management Specialist  
[Ichirakos@hpio.net](mailto:Ichirakos@hpio.net)

[www.hpio.net](http://www.hpio.net)

**THANK YOU!**