

INFANT MORTALITY & BIRTH OUTCOME DATA

First Year Cleveland – Steering Committee Meeting

April 25, 2023

Presenter:

Nilanjana Majumdar, MA, MPH

Epidemiologist

Cleveland Department of Public Health

Outline

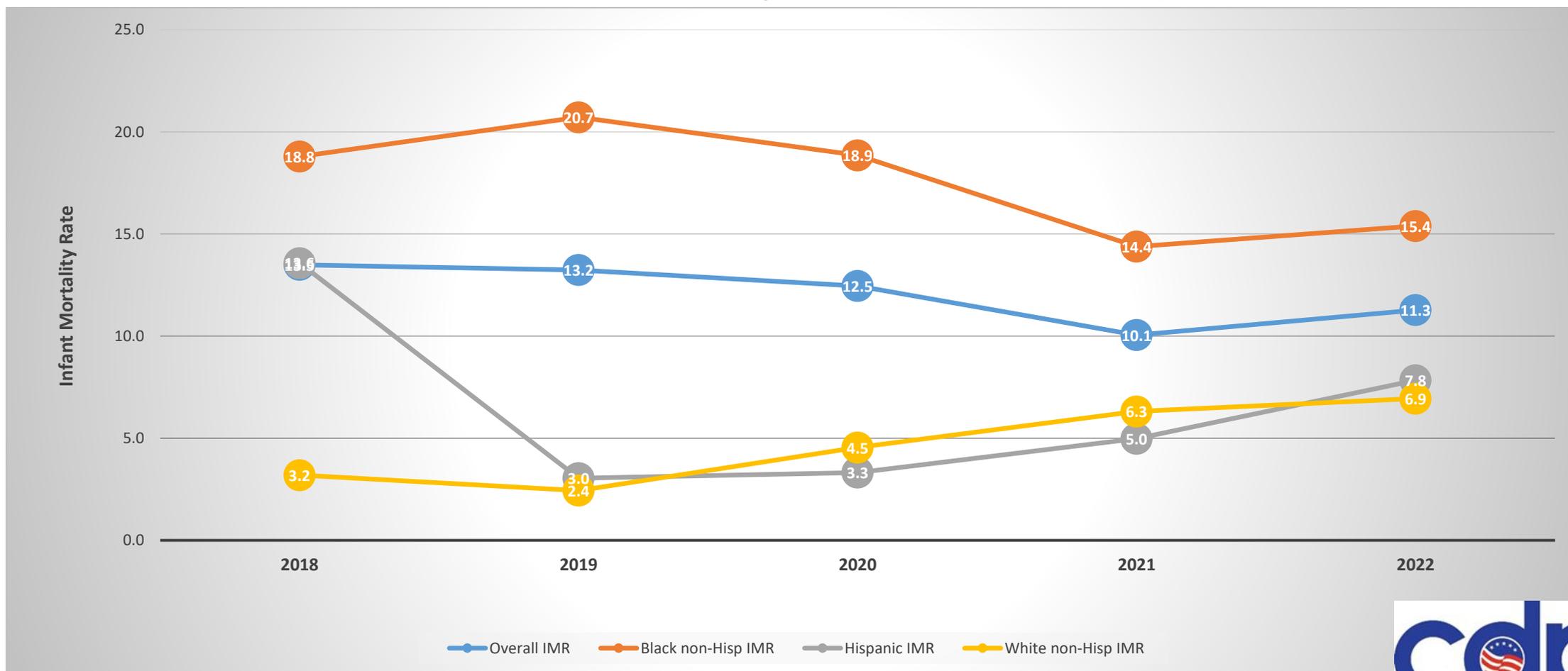
- 2018-2022 Birth Outcomes Data
- Where we are with Inequity
- IMR by Neighborhoods

Data from Ohio Department of Health – Bureau of Vital Statistics

- The Department specifically disclaims responsibility for any analyses, interpretations or conclusions.

2018-2022 Infant Mortality Rate* for Cleveland

HealthyPeople 2030 Goal = 5.0 per 1,000 live births or less



* Infant Mortality Rate (IMR) is calculated by dividing the number of infant deaths within the first year of life by the number of live births, multiplied by 1,000, and is representative of infant deaths per 1,000 live births

Source: Ohio Department of Health - Bureau of Vital Statistics; 2021, 2022 data are preliminary



Cleveland Department of Public Health

2018-2022 Rate* of Babies Born at 22 Weeks or Less in Cleveland

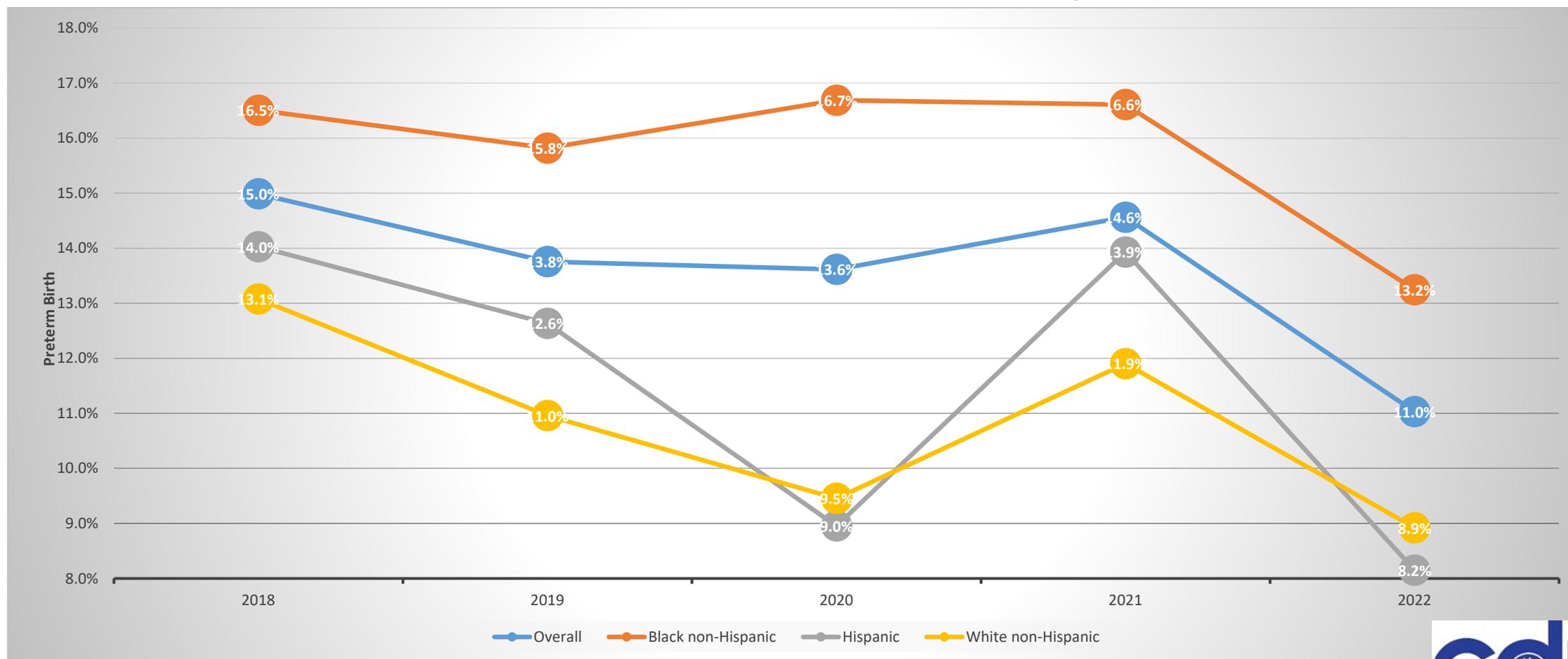


* Rates is calculated as infants born 22 weeks or less per 1,000 live births

Source: Ohio Department of Health - Bureau of Vital Statistics; 2021 & 2022 data are preliminary

2018-2022 Preterm Birth Rate* for Cleveland

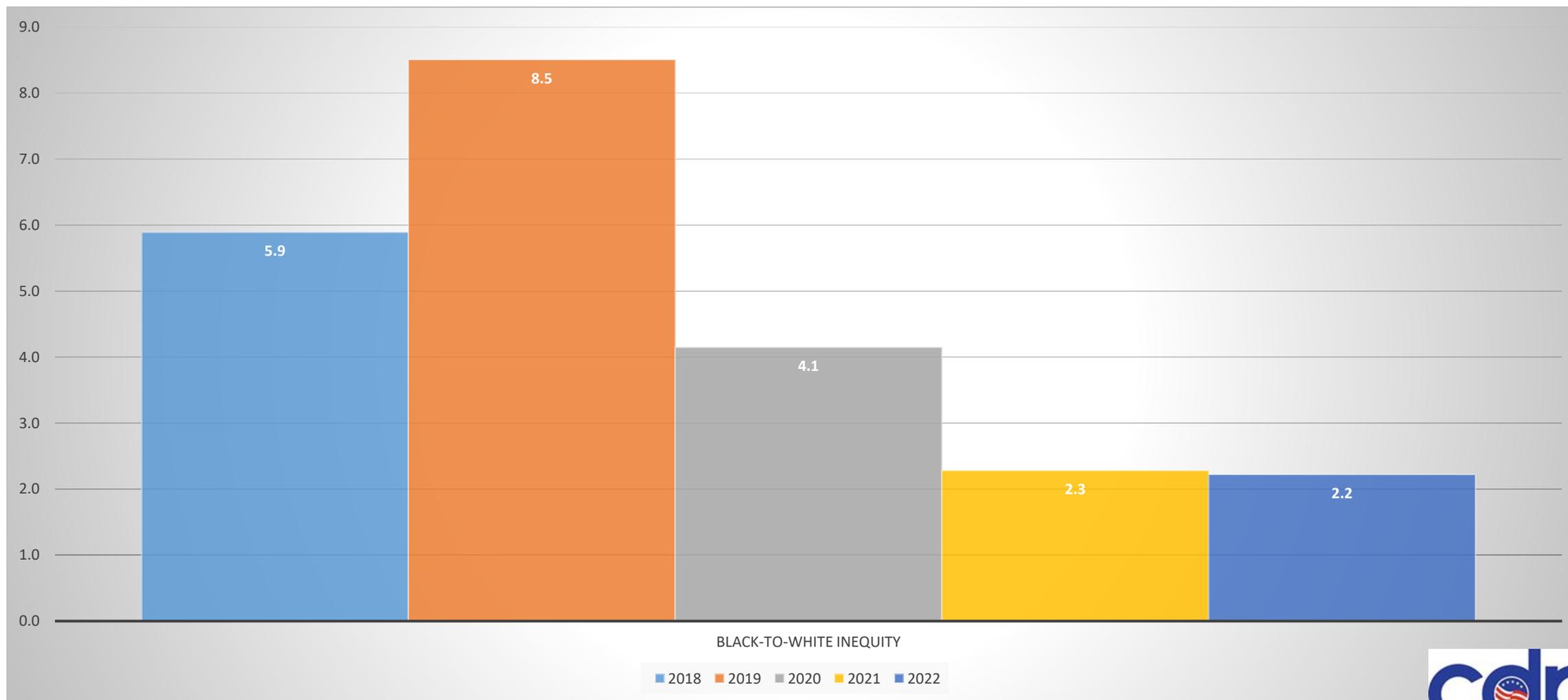
HealthyPeople 2030 Goal = 9.4% or less



* Less than 37 completed weeks of gestation. Shown as a percentage

Source: Ohio Department of Health - Bureau of Vital Statistics; 2021 & 2022 data are preliminary

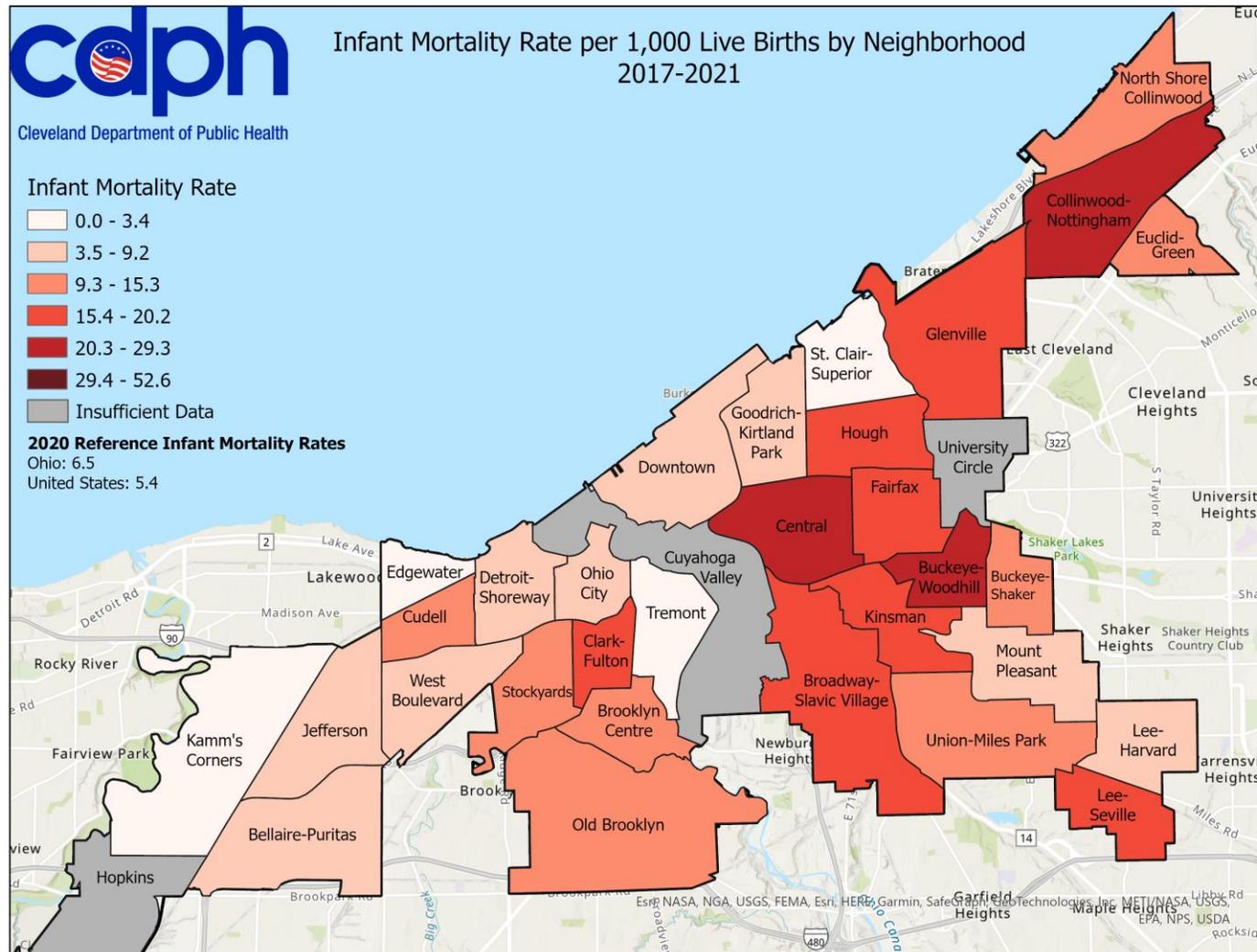
2018-2022 Black to White Inequity*



*Black-to-White IM Inequity is comparing the Black infant mortality rate to White infant mortality rate. Any number above 1 means a higher rate of black babies died compared to white babies.

Source: Ohio Department of Health - Bureau of Vital Statistics; 2021 & 2022 data are preliminary

Neighborhood Distribution of Infant Deaths



Key Take Away:

- 2022 saw a slight increase of IMR and Babies Born 22 Weeks or Less
- The decline in preterm birth rate continues
- Although the Black to White Inequity is lower, there is an overall increase in IMR
- Geographical Distribution follows historical redlining