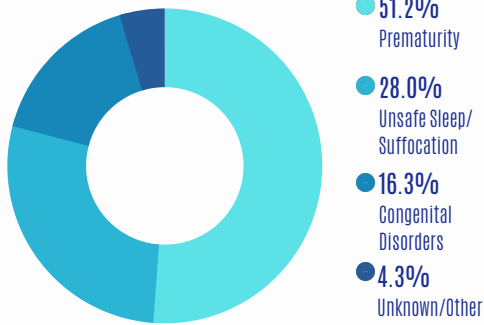


INFANT MORTALITY AND BIRTH OUTCOMES IN CLEVELAND, OH 2021

CAUSES OF INFANT DEATHS



STATISTICS

4,278
BIRTHS

43
INFANT DEATHS

14.6%
PRETERM BIRTH RATE ¹

3.02%
VERY PRETERM BIRTH RATE ²

INFANT MORTALITY RATE (IMR) ³ COMPARED

10.5

CLEVELAND

7.5

CUYAHOGA COUNTY

6.5

OHIO (2020)

5.4

USA (2020)

3.6

MOMSFIRST* PARTICIPANTS

* MomsFirst is a CDPH initiative, providing support to expectant mothers living in the City of Cleveland. It is dedicated to reducing racial disparity in infant mortality through home visitation, case management, education and support of pregnant women.

RACIAL INEQUITIES

INFANT BIRTHS BY MOTHER'S RACE/ETHNICITY



• Non-Hispanic White - 25.9% • Non-Hispanic Black - 53.7% • Hispanic - 14.1% • Other - 6.5%

INFANT DEATHS BY MOTHER'S RACE/ETHNICITY



• Non-Hispanic White - 16.3% • Non-Hispanic Black - 76.4% • Hispanic - 6.9% • Other - 0.0%

2.28
BLACK TO WHITE
INFANT DEATH
INEQUITY RATIO

INFANT MORTALITY RATE BY MOTHER'S RACE/ETHNICITY



PRENATAL CARE



• **67.13%**
Prenatal Care Started in the 1st Trimester

• **19.31%**
Prenatal Care Started in the 2nd Trimester

• **6.24%**
Prenatal Care Started in the 3rd Trimester

• **2.95%**
No Prenatal Care

Median number of prenatal care visits for mothers of surviving infants:

12

Median number of prenatal care visits for mothers whose infants died:

5

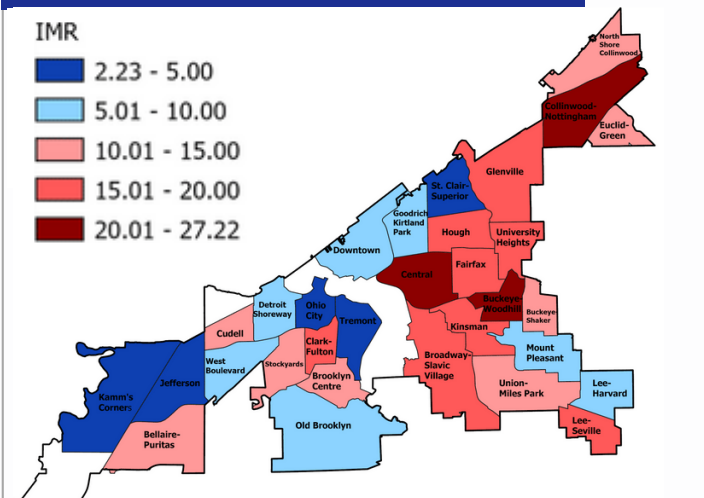
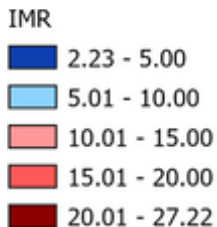
Percentage of mothers of surviving infants that received no prenatal care:

2.8%

Percentage of mothers of infant who died that received no prenatal care

15.4%

DISTRIBUTION OF INFANT MORTALITY RATE BY NEIGHBORHOOD (2017-2021)



SUMMARY

- Racial inequities and structural racism has resulted in higher rates of infant mortality and preterm birth in Non-Hispanic Black infants.
- The Cleveland infant mortality rate is higher than Cuyahoga County, Ohio, and the United States infant mortality rate.
- Prenatal Care is associated with better birth outcomes

- 1 Preterm: Less than 37 completed weeks of gestation.
- 2 Very preterm births: Less than 32 completed weeks of gestation.
- 3 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.
- 4 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.