INFANT MORTALITY AND BIRTH OUTCOMES
IN CLEVELAND, OH 2021

CAUSES OF INFANT DEATHS

- 51.2% Prematurity
- 28.0% Unsafe Sleep/Suffocation
- 16.3% Congenital Disorders
- 4.3% Unknown/Other

STATISTICS

4,278 BIRTHS 43 INFANT DEATHS 14.6% PRETERM BIRTH RATE1 3.02% VERY PRETERM BIRTH RATE2

INFANT MORTALITY RATE (IMR)3 COMPARED

<table>
<thead>
<tr>
<th></th>
<th>CLEVELAND</th>
<th>CUYAHOGA COUNTY</th>
<th>OHIO (2020)</th>
<th>USA (2020)</th>
<th>MOMS FIRST* PARTICIPANTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>IMR</td>
<td>10.5</td>
<td>7.5</td>
<td>6.5</td>
<td>5.4</td>
<td>3.6</td>
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RACIAL INEQUITIES

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

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.

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)

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

- Hispanic - 6.9%
- Non-Hispanic Black - 10.3%
- Non-Hispanic Black - 78.4%

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.

Source: Ohio Department of Health - Bureau of Vital Statistics; 2020 & 2021 data are preliminary. The Department disclaims responsibility for any analyses, interpretations, or conclusions.

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 those babies died compared to White babies.