RECENT INFANT MORTALITY & BIRTH OUTCOME DATA

First Year Cleveland – Advisory Council Meeting
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Outline

• Longitudinal Infant Mortality Trend

• 2020 Infant Mortality (IM) Data by Month

• Running 4 Quarters IM & Prematurity Data
  • 2nd-4th Quarter 2019 & 1st Quarter 2020

Data from Ohio Department of Health – Bureau of Vital Statistics

• The Department specifically disclaims responsibility for any analyses, interpretations or conclusions.
2016-Prelim 2020 Infant Mortality
### 2016-2020 Infant Mortality Data:

- **Overall**
  - 2016: 15.0
  - 2017: 16.1
  - 2018: 15.5
  - 2019: 16.3
  - 2020: 15.3

- **Black Non-Hisp**
  - 2016: 6.9
  - 2017: 8.5
  - 2018: 8.65
  - 2019: 8.61
  - 2020: 7.84

- **Hisp**
  - 2016: 8.68
  - 2017: 8.11
  - 2018: 10.7
  - 2019: 3.9
  - 2020: 3.8

- **White Non-Hisp**
  - 2016: 4.5
  - 2017: 2.4
  - 2018: 3.8
  - 2019: 3.0
  - 2020: 1.8

Source: Ohio Department of Health - Bureau of Vital Statistics; 2019 & 2020 data are preliminary
2016-2020 Cuyahoga County Black-White Infant Death Inequity

*2019 & 2020 rates are preliminary
Prelim 2020 Data by Month
Total Infant Deaths by Month – 2020

Preliminary 2020 Infant Death Count = 59

2020 data are preliminary
Infant Deaths by Month by Sex – 2020

2020 data are preliminary
Infant Deaths by Month by Age – 2020

2020 data are preliminary
Infant Deaths by Month by Ethnicity or Race – 2020

Jan: Black non-Hispanic (44)
Feb: Black non-Hispanic (9)
Mar: Hispanic (1)
Apr: Hispanic (1)
May: Hispanic (1)
Jun: Black non-Hispanic (10), Hispanic (1)
Jul: Hispanic (1)

2020 data are preliminary
Rolling 12 Months - Quarterly Data
July 2019 - June 2020
Infant Mortality Rate by Ethnicity or Race
3rd-4th Quarter 2019 & 1st-2nd Quarter 2020

HealthyPeople 2020 Target = 6.0 per 1,000 live births

Source: Ohio Department of Health - Bureau of Vital Statistics; 2019 & 2020 data are preliminary
Preterm Birth Rate by Ethnicity or Race
3rd-4th Quarter 2019 & 1st-2nd Quarter 2020

HealthyPeople 2020 Target = 9.4% or less

Source: Ohio Department of Health - Bureau of Vital Statistics; 2019 & 2020 data are preliminary
Very Preterm Birth Rate by Ethnicity or Race
3rd-4th Quarter 2019 & 1st-2nd Quarter 2020

HealthyPeople 2020 Target = 1.5% or less

Source: Ohio Department of Health - Bureau of Vital Statistics; 2019 & 2020 data are preliminary
Births 22 Weeks or less by Ethnicity or Race
3rd-4th Quarter 2019 & 1st-2nd Quarter 2020

Overall count = 41

Source: Ohio Department of Health - Bureau of Vital Statistics; 2019 & 2020 data are preliminary
Summary

- Significant decrease in babies born 22 weeks or less
- Decrease in overall infant mortality and prematurity in 2020
- Inequity ratios still very high