RECENT INFANT MORTALITY & BIRTH OUTCOME DATA

First Year Cleveland – Advisory Council Meeting
November 10, 2020

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Epidemiology, Surveillance & Informatics
Cuyahoga County Board of Health
Outline

• 2020 Infant Mortality (IM) Data by Month

• Running 4 Quarters IM & Prematurity Data
  • 4th Quarter 2019 & 1st-3rd Quarter 2020

Data from Ohio Department of Health – Bureau of Vital Statistics
  • The Department specifically disclaims responsibility for any analyses, interpretations or conclusions.
Prelim 2020 Data by Month
Total Infant Deaths by Month – 2020

Preliminary 2020 Infant Death Count = 78

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

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

<table>
<thead>
<tr>
<th>Month</th>
<th>Neonatal (48)</th>
<th>Postneonatal (30)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan</td>
<td>9</td>
<td>2</td>
</tr>
<tr>
<td>Feb</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Mar</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>Apr</td>
<td>6</td>
<td>3</td>
</tr>
<tr>
<td>May</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Jun</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td>Jul</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>Aug</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>Sep</td>
<td>6</td>
<td>3</td>
</tr>
</tbody>
</table>

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

2020 data are preliminary
Rolling 12 Months - Quarterly Data
October 2019 - September 2020
Infant Mortality Rate - Overall
4th Quarter 2019 & 1st-3rd 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
Infant Mortality Rate by Ethnicity or Race
4th Quarter 2019 & 1st-3rd 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
4th Quarter 2019 & 1st-3rd 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
4th Quarter 2019 & 1st-3rd Quarter 2020

HealthyPeople 2020 Target = 1.5% or less

<table>
<thead>
<tr>
<th></th>
<th>4th QTR '19</th>
<th>1st QTR '20</th>
<th>2nd QTR '20</th>
<th>3rd QTR '20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall</td>
<td>3.9%</td>
<td>3.7%</td>
<td>3.2%</td>
<td>3.0%</td>
</tr>
<tr>
<td>Black non-Hisp</td>
<td>2.4%</td>
<td>2.3%</td>
<td>2.1%</td>
<td>1.6%</td>
</tr>
<tr>
<td>Hispanic</td>
<td>2.0%</td>
<td>1.6%</td>
<td>1.7%</td>
<td>1.0%</td>
</tr>
<tr>
<td>White non-Hisp</td>
<td>0.6%</td>
<td>1.3%</td>
<td>1.3%</td>
<td>0.4%</td>
</tr>
</tbody>
</table>

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

Overall count = 30

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
- Very good PTB & IMR in 3rd QTR
  - Especially decreased Black PTB & IMR