

CUYAHOGA COUNTY BOARD OF HEALTH

YOUR TRUSTED SOURCE FOR PUBLIC HEALTH INFORMATION

5550 Venture Drive Parma, Ohio 44130
216-201-2000 www.ccbh.net

First Year Cleveland – Advisory Council
January 22, 2019 Meeting

Data Update: Preliminary 2018 Infant Mortality & Birth Outcome Data

Presenter:

Richard Stacklin, Data Analyst
Epidemiology, Surveillance, and Informatics

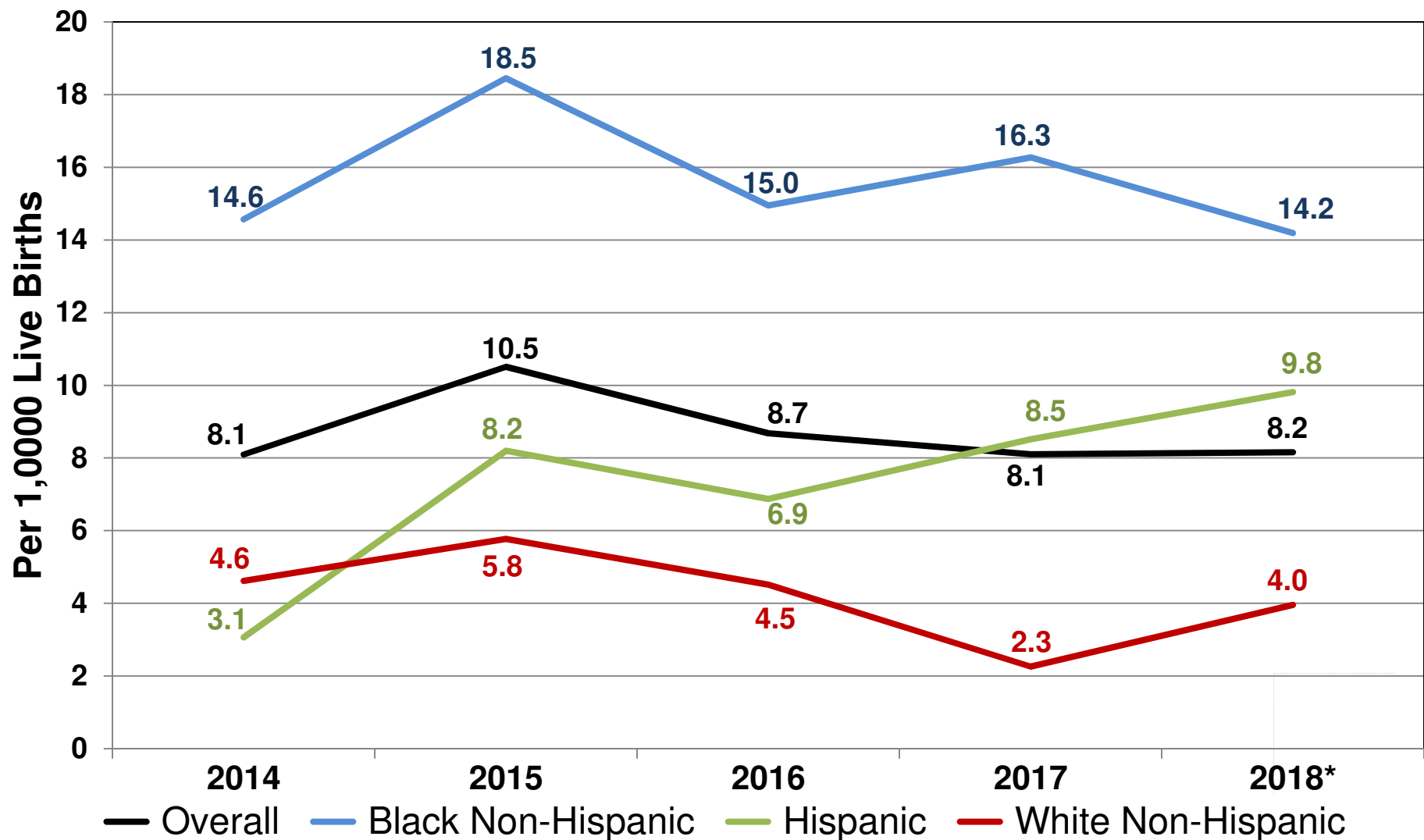


Presentation Outline

- Infant Mortality Rate (IMR) trends
 - **Overall**
 - **Black non-Hispanic**
 - **Hispanic**
 - **White non-Hispanic**
- Preliminary summary of 2018 infant deaths
- Comparing preliminary 2018 to 2017
 - birth outcome and infant mortality data
 - **2017**
 - **2018**

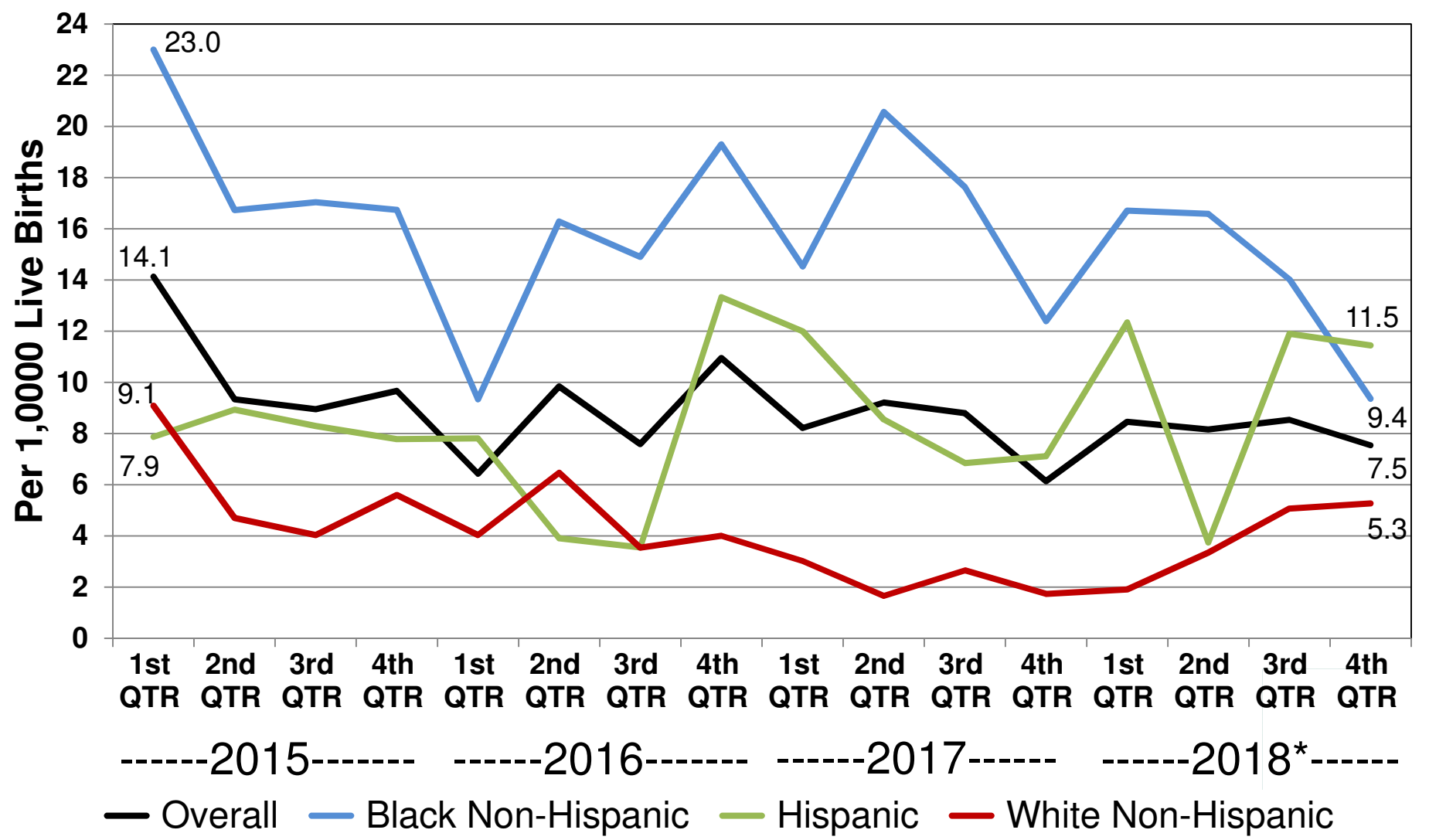


2014-2018 Cuyahoga County IMR by Ethnicity & Race



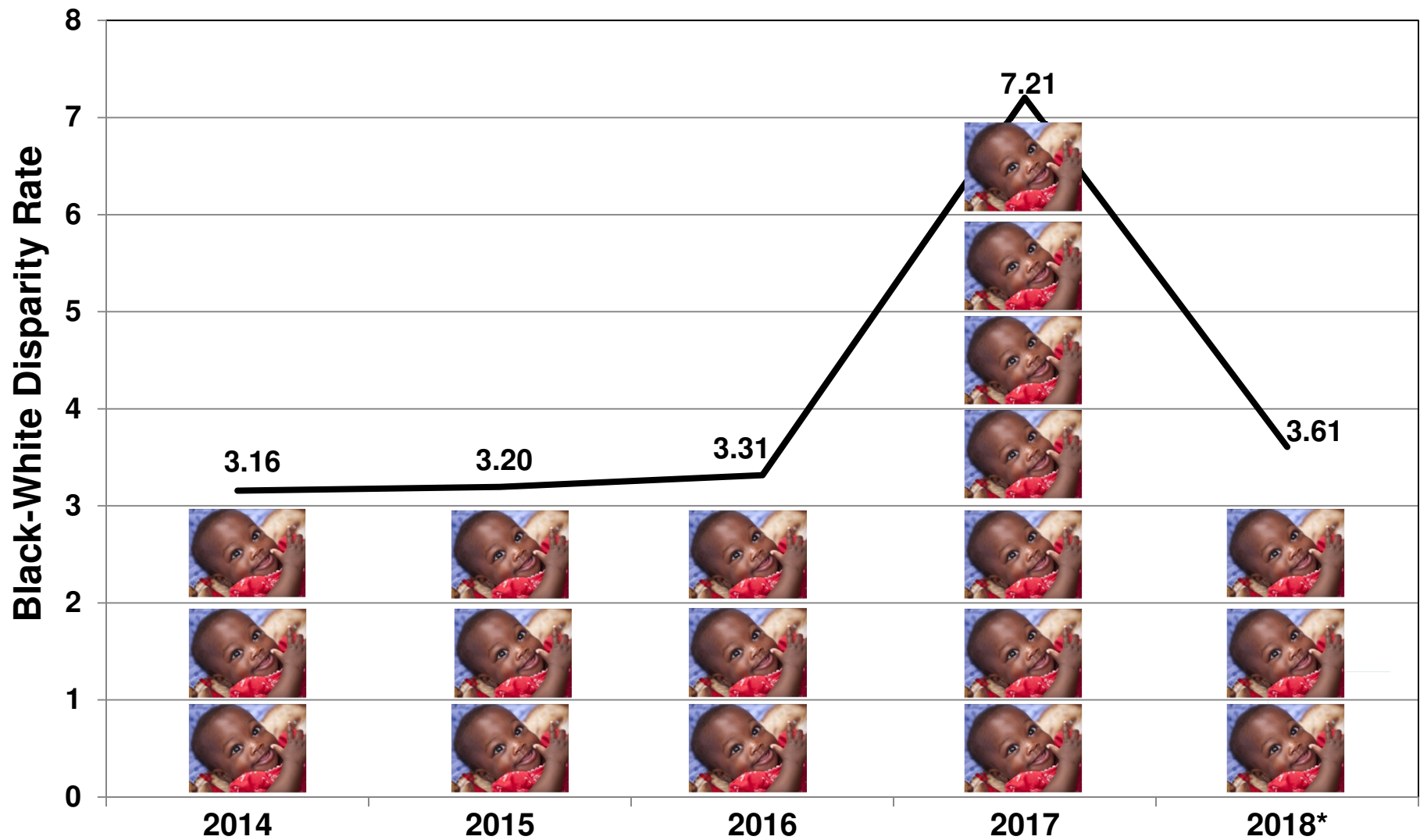
*2018 rate in preliminary

2015-2018 Cuyahoga County IMR by Quarter and Ethnicity & Race



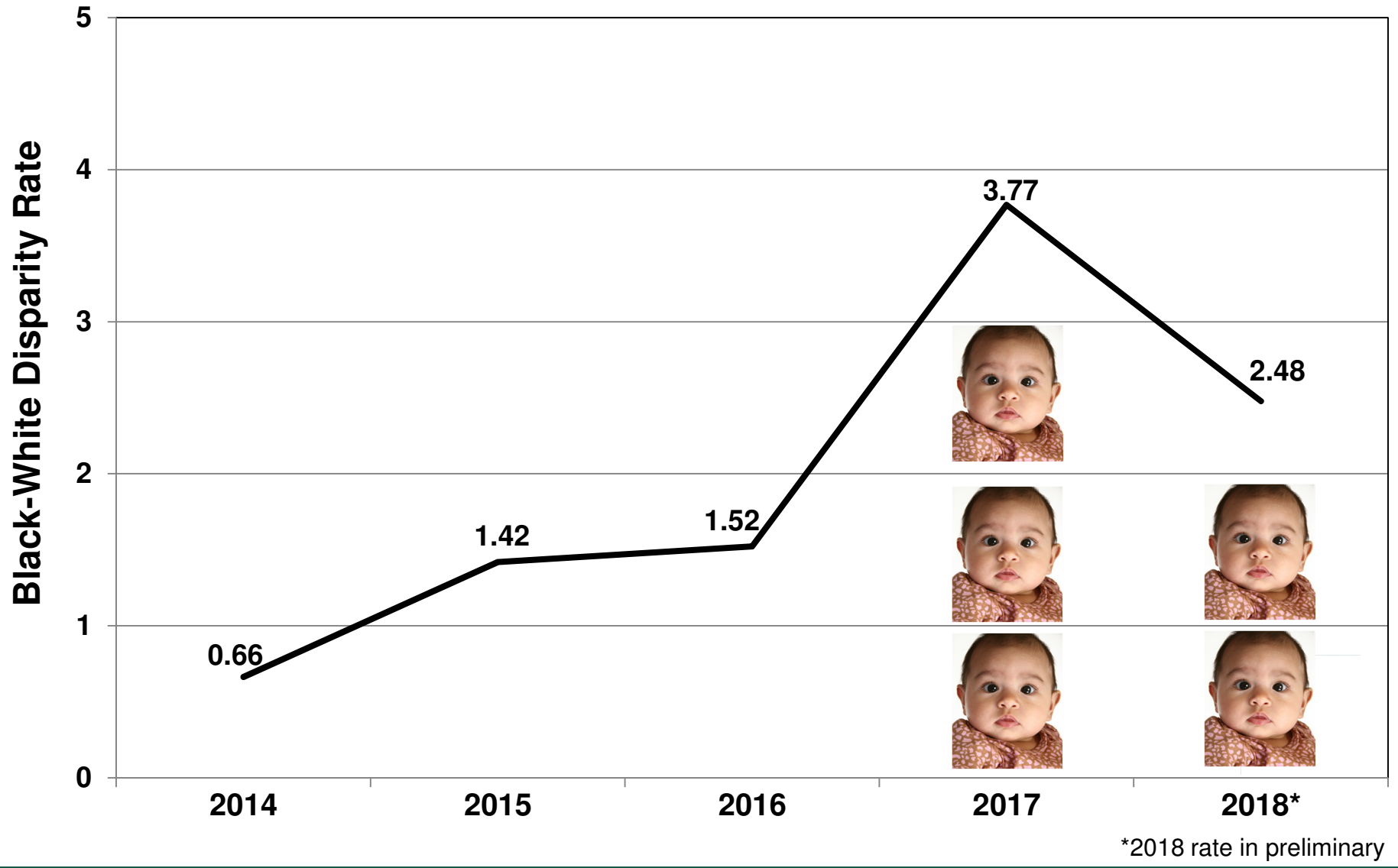
*2018 rate in preliminary

2014-2018 Cuyahoga County Black-White Infant Death Disparity



*2018 rate in preliminary

2014-2018 Cuyahoga County Hispanic-White Infant Death Disparity

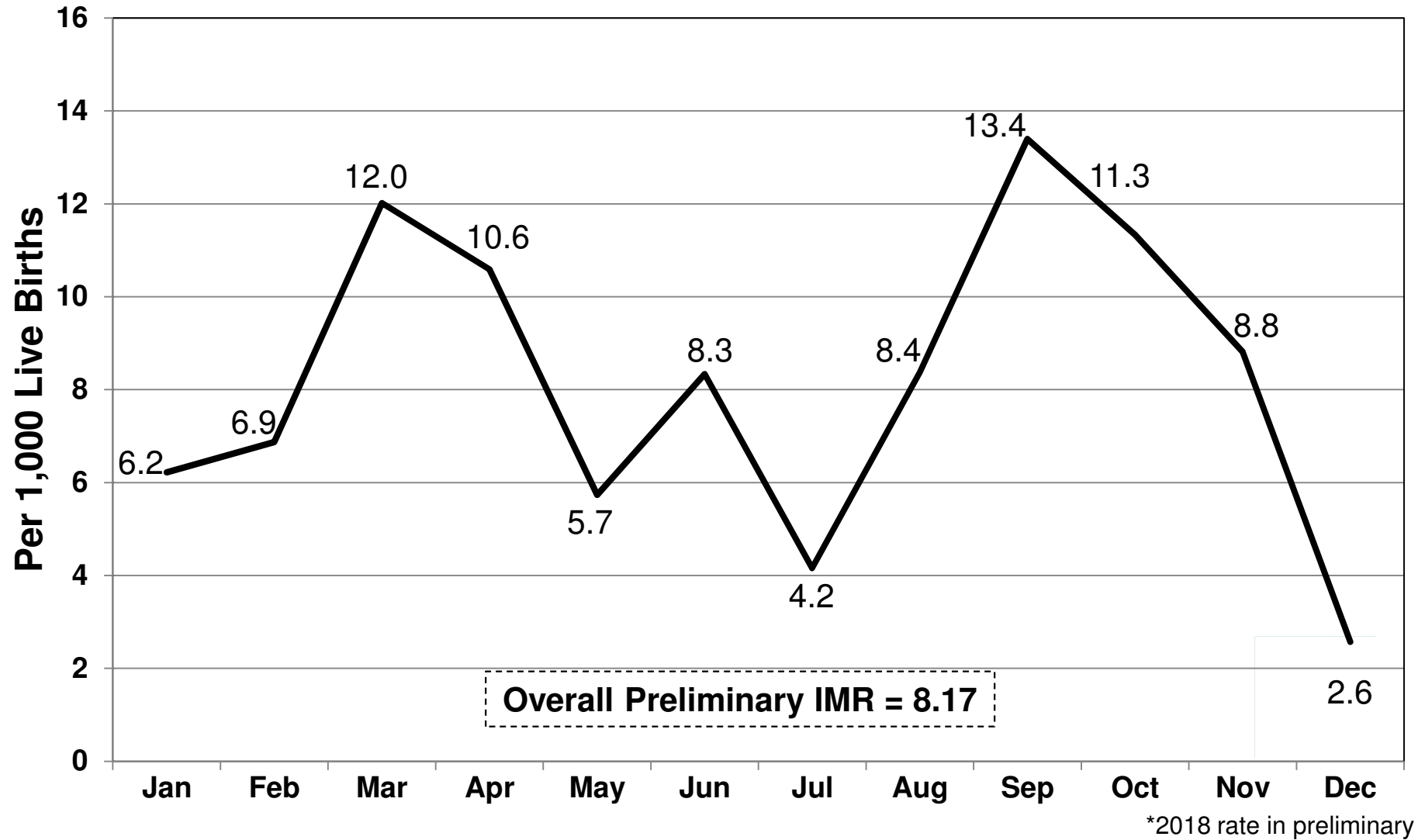


2018

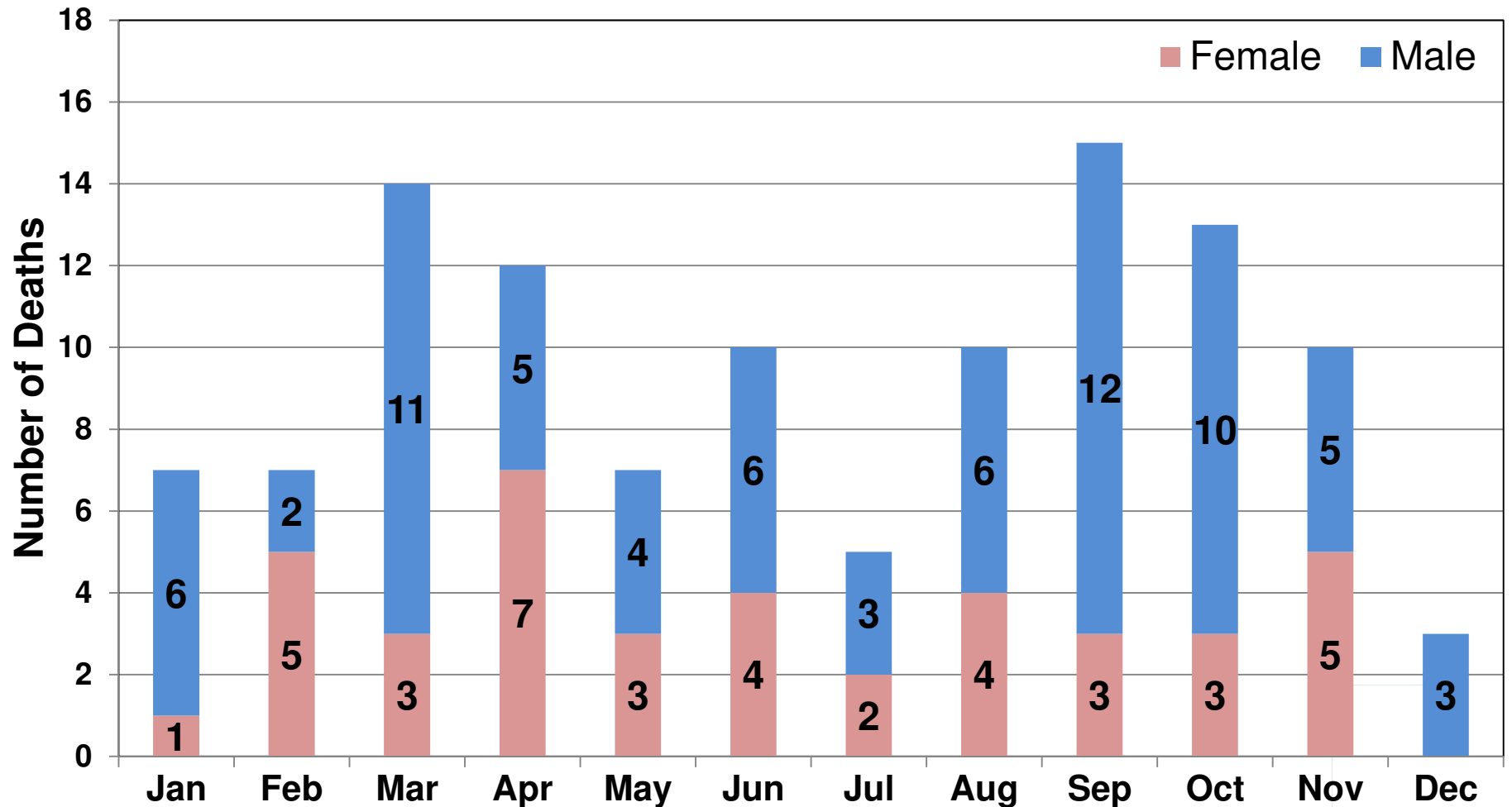
**Preliminary Summary
of Infant Deaths &
Birth Outcomes**

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2018 Cuyahoga County IMR by Month



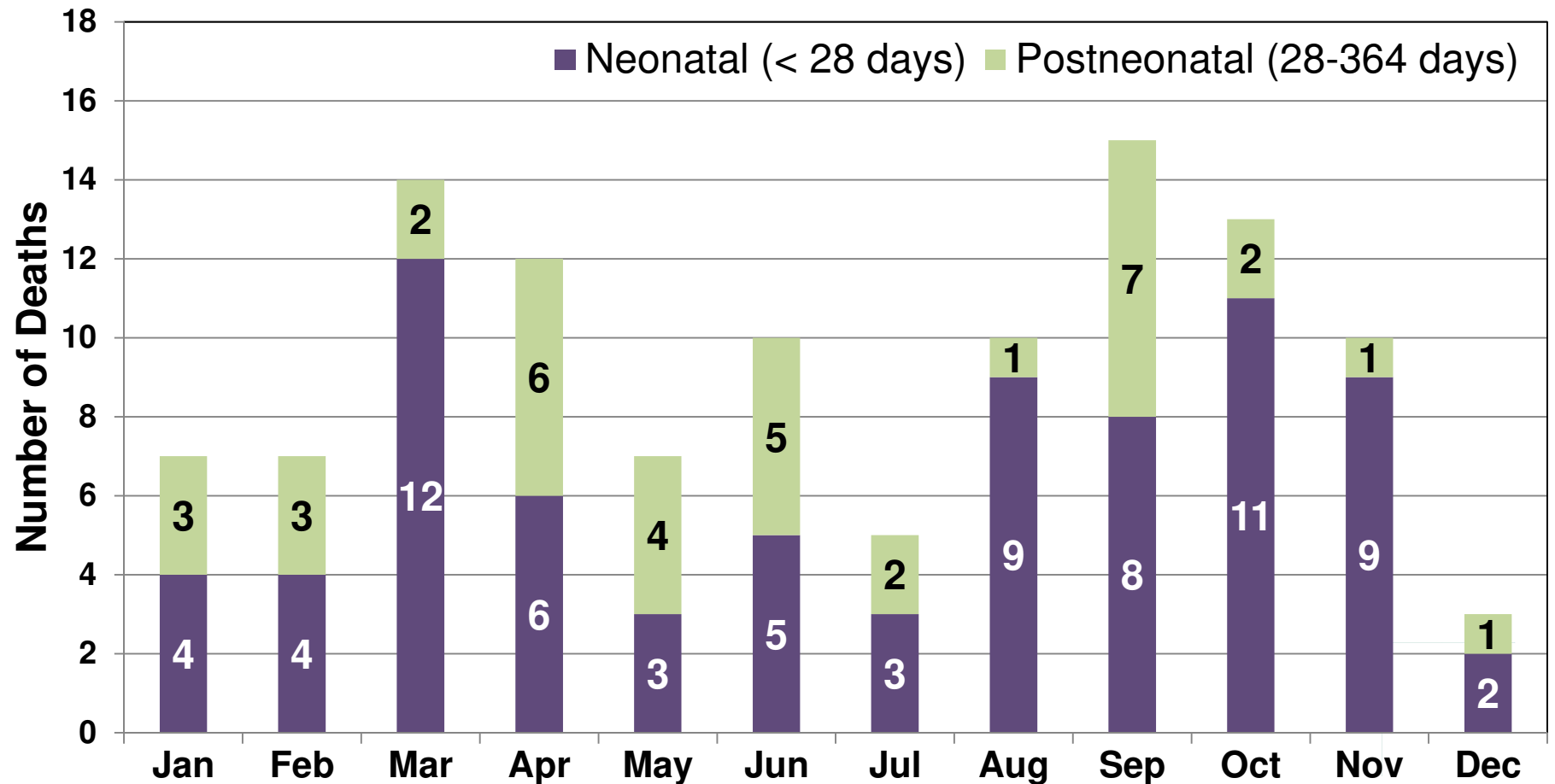
2018 Number of Infant Deaths by Sex and Month



Total: Female = 40, Male = 73

*2018 data in preliminary

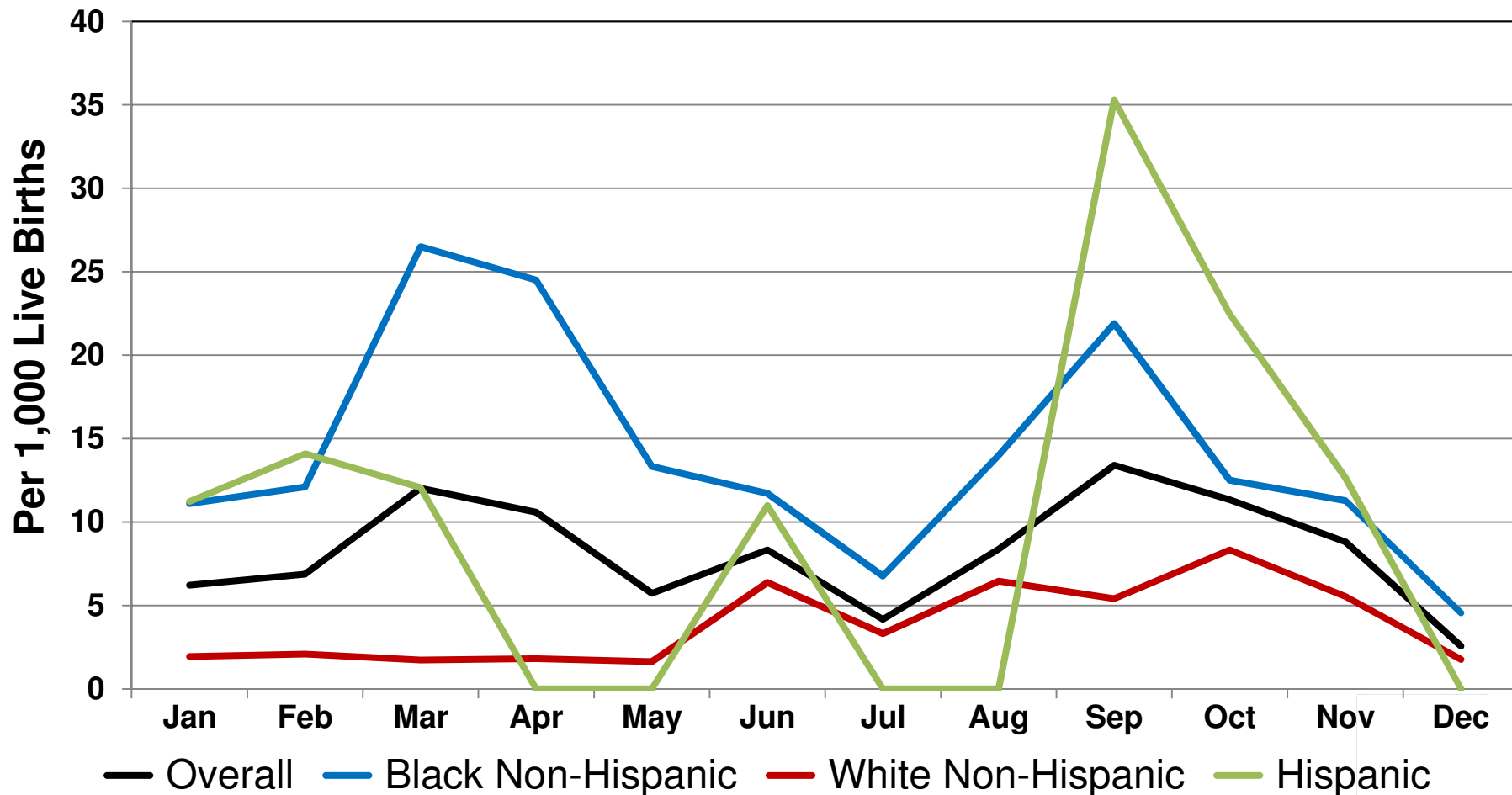
2018 Number of Infant Deaths by Age of Infant and Month



Total: Neonatal = 76, Postneonatal = 37

*2018 data in preliminary

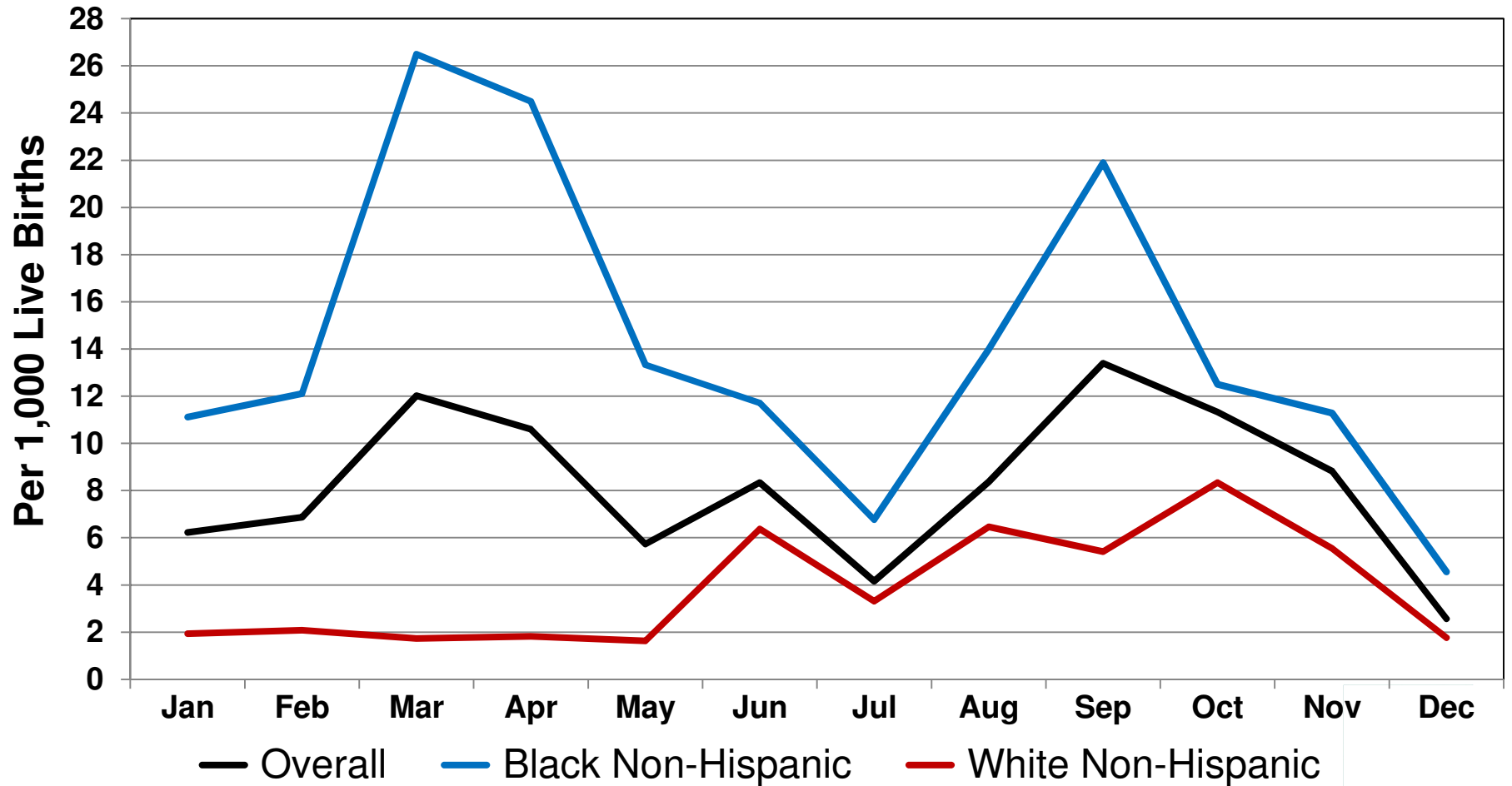
2018 Cuyahoga County IMR by Month and Ethnicity or Race



Overall = 8.17, Black = 14.21, White = 3.94, Hispanic = 9.77

*2018 rate in preliminary

2018 Cuyahoga County IMR by Month and Race



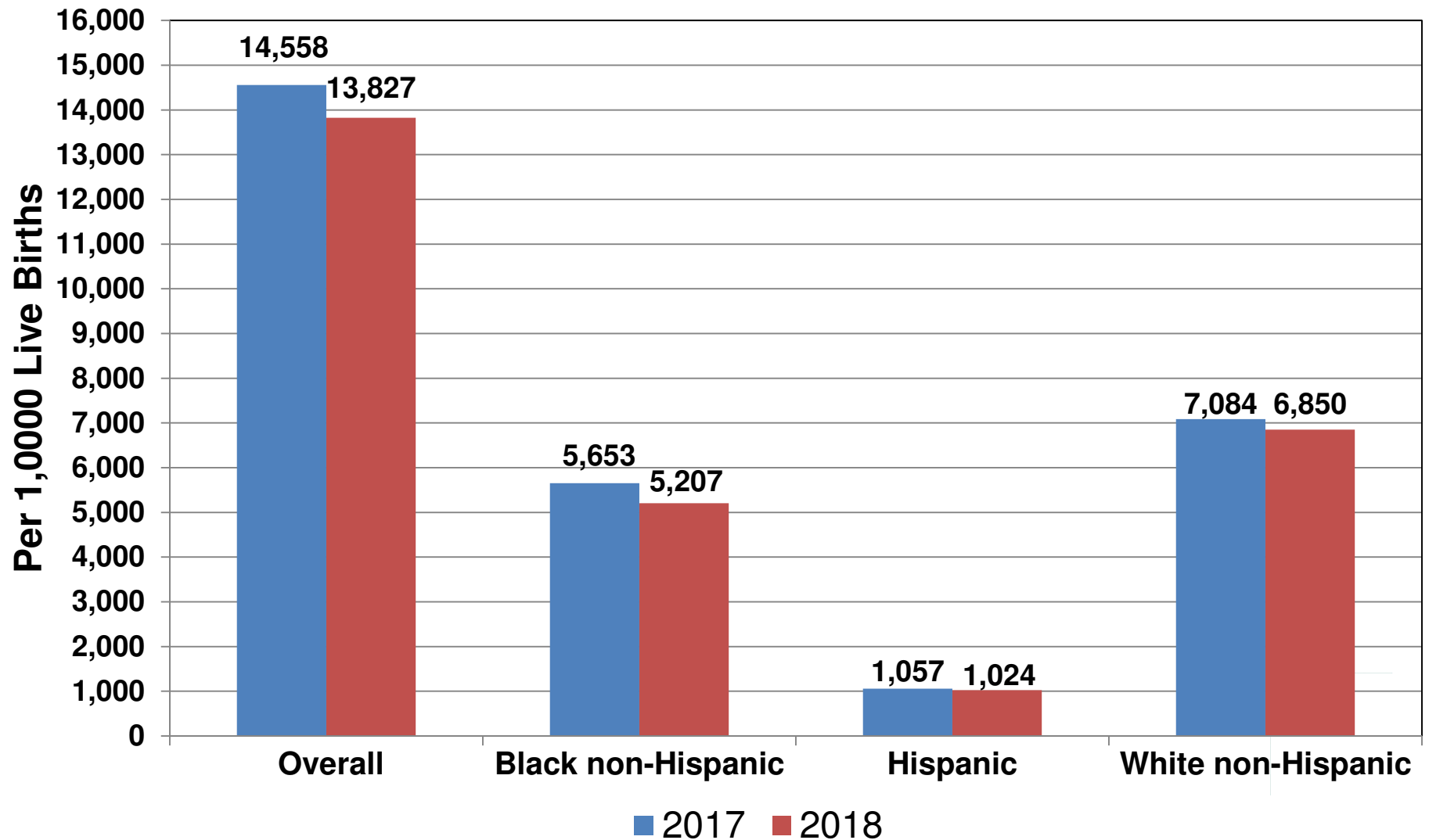
Overall = 8.17, Black = 14.21, White = 3.94

*2018 rate in preliminary

2018 Birth Outcome Data & Comparisons to 2017

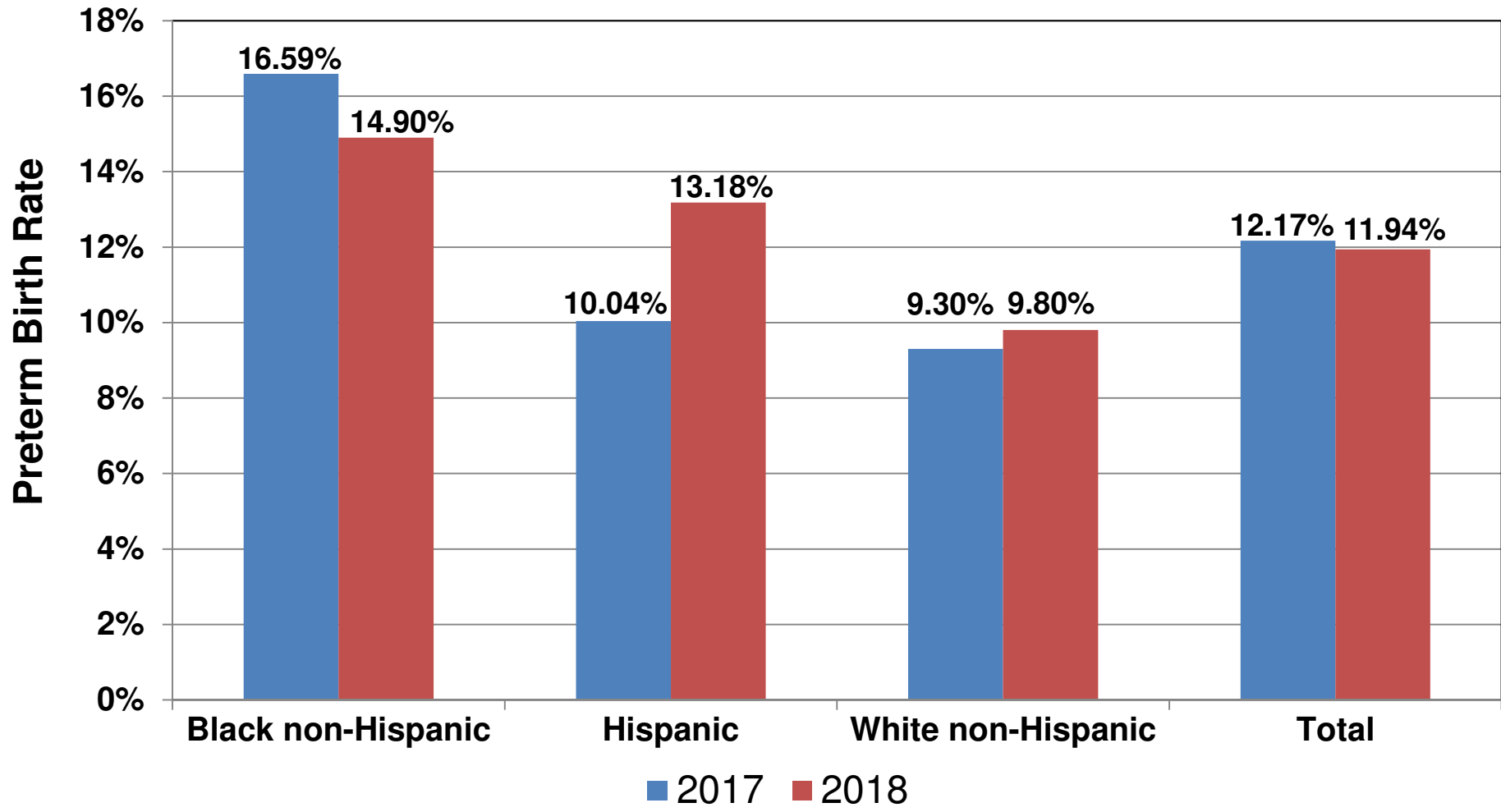


2017 & 2018 Cuyahoga County Births by Ethnicity or Race



*2018 data in preliminary

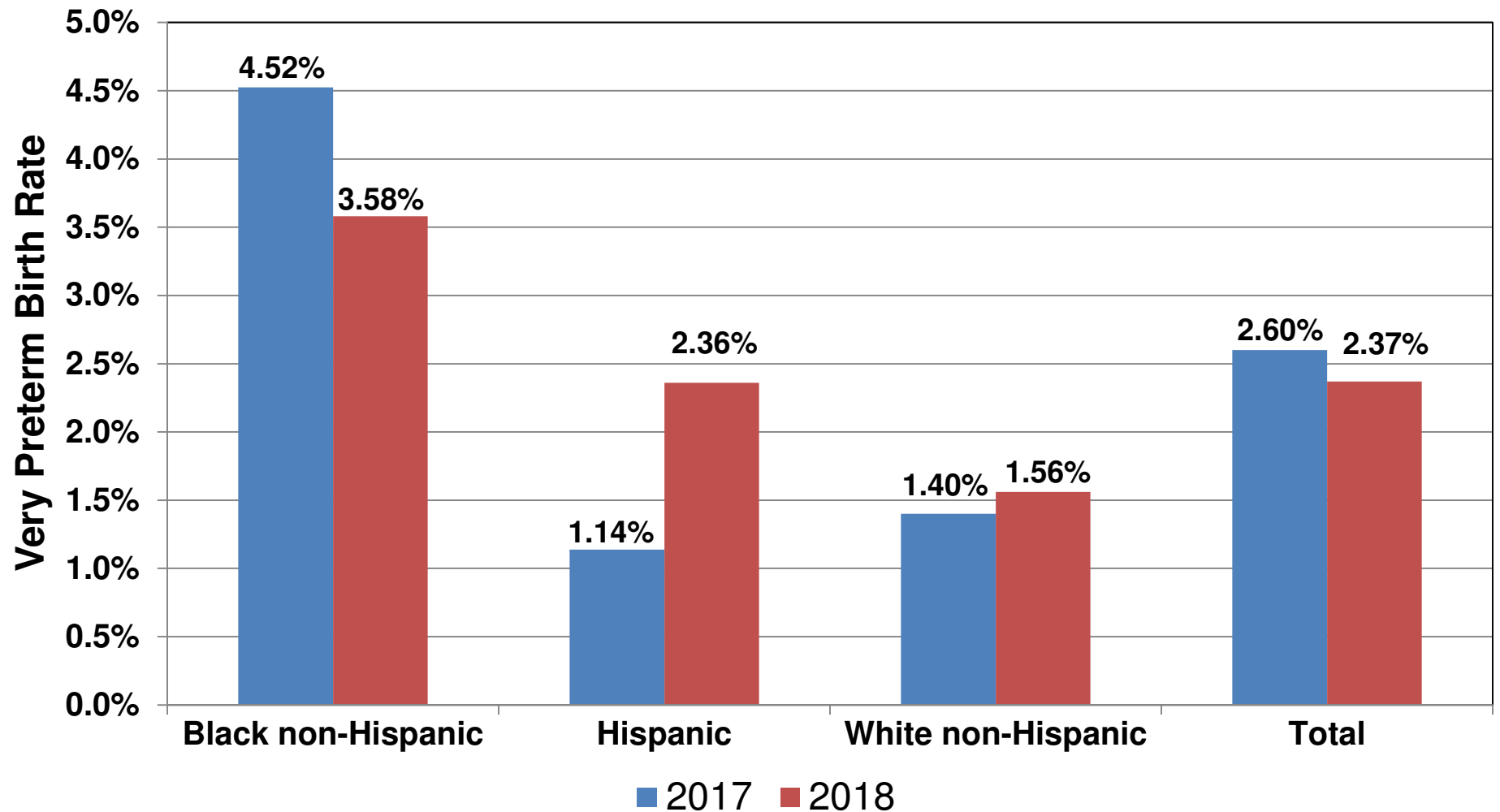
Preterm Births (Less Than 37 Weeks Gestation) by Ethnicity or Race



Healthy People 2020 target for preterm births \leq 9.4%.

*2018 data in preliminary

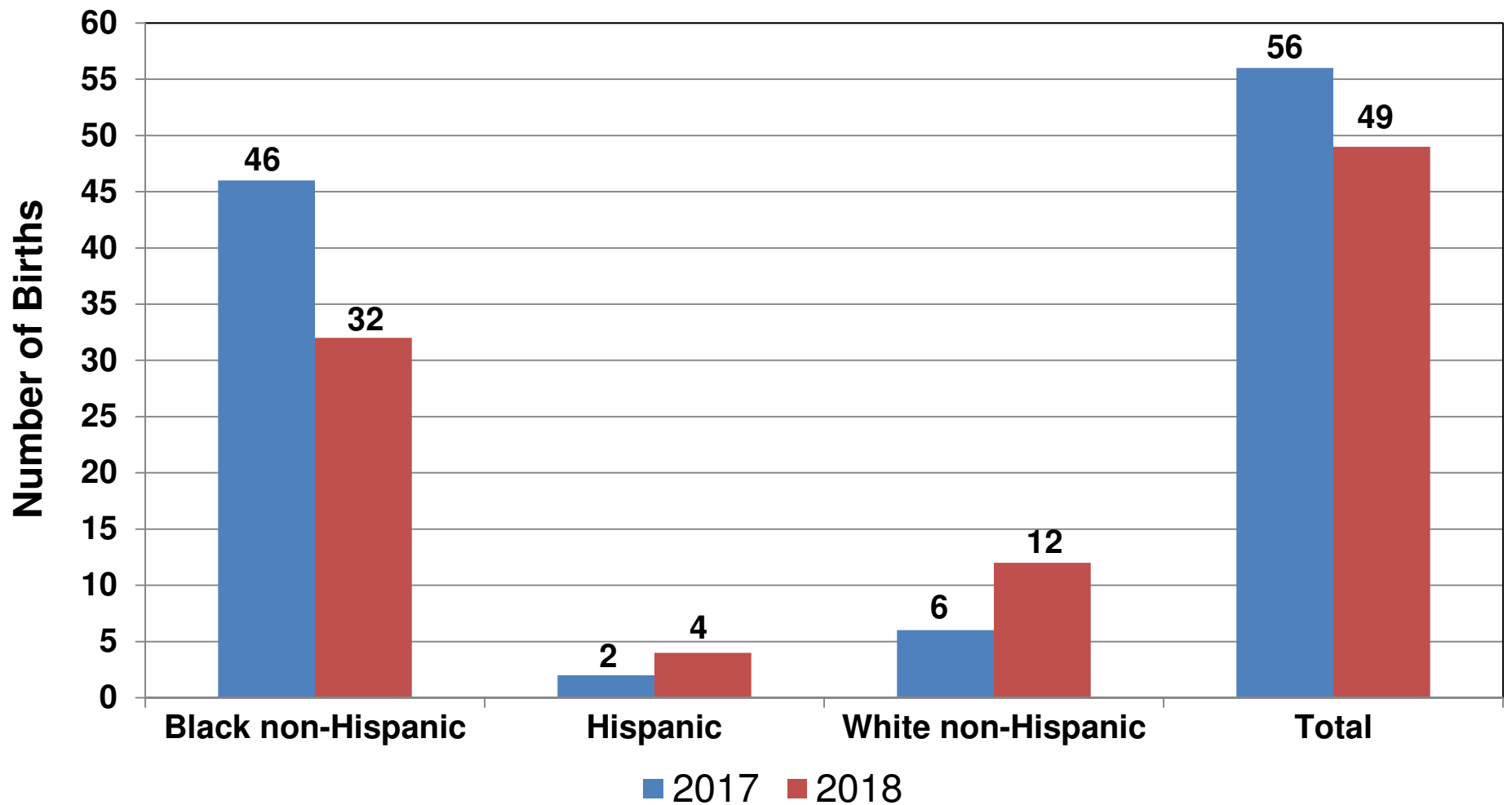
Very Preterm Births (Less Than 32 Weeks Gestation) by Ethnicity or Race



Healthy People 2020 target for very preterm births \leq 1.5%.

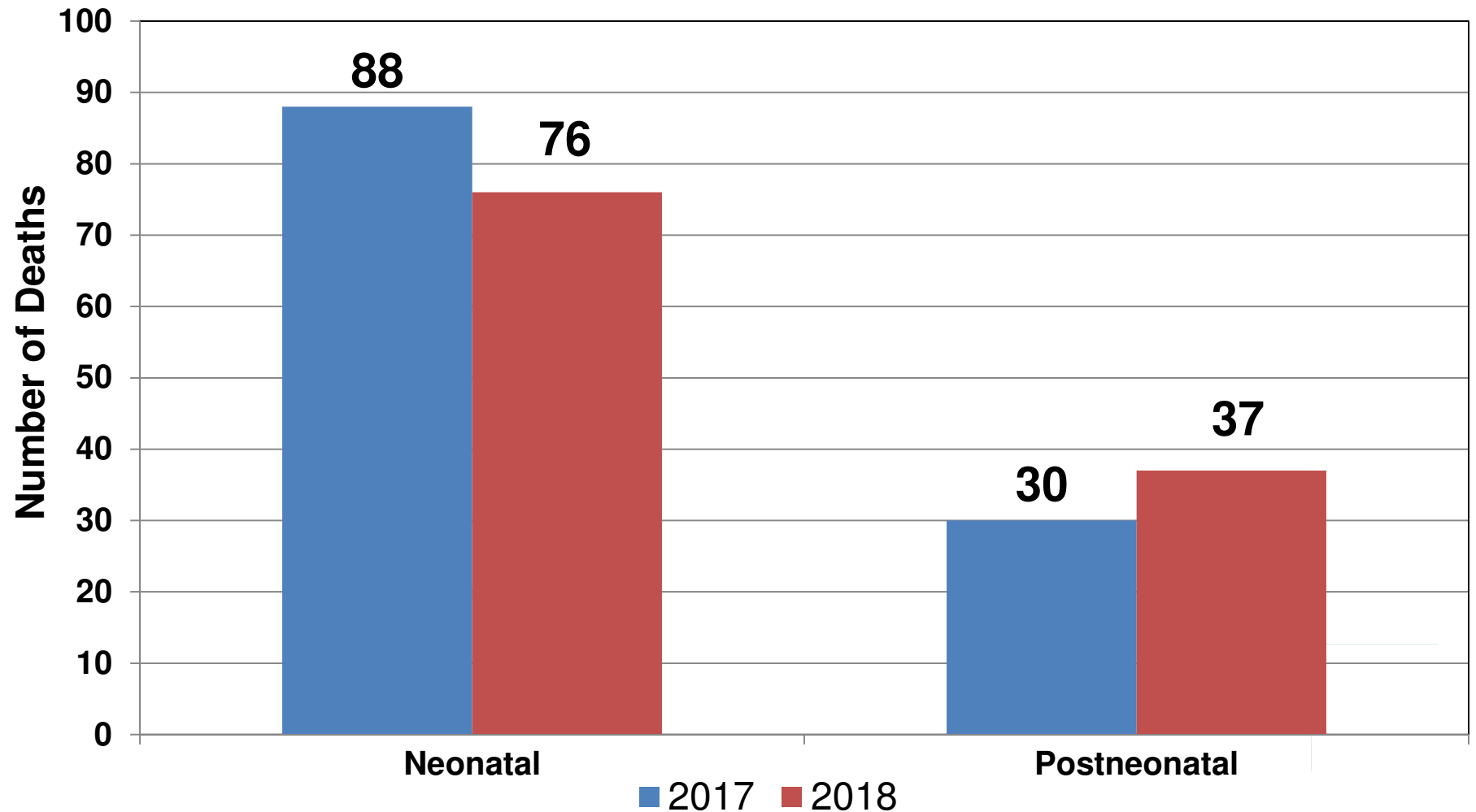
*2018 data in preliminary

Births 22 Weeks Gestation or Less by Ethnicity or Race



*2018 data in preliminary

Comparing 2017 to 2018 – Number of Infant Deaths by Age of Infant



*2018 data in preliminary

Summary

- 162 fewer black babies born preterm in 2018
 - 74 fewer due to decline in preterm birth rate
- 70 fewer black babies born < 32 weeks in 2018
 - 49 fewer due to decline in VPTB rate
- 18 fewer black infant deaths in 2018
 - 11 fewer due to decline in Black IMR
- Black IMR lowest in the past five years
- White IMR 2nd lowest in past five years
- Hispanic IMR highest in past five years



QUESTIONS???



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