

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
April 8, 2019

Recent Infant Mortality & Birth Outcome Data

Presenter:

Richard Stacklin, M.Ed.

Data Analyst

Epidemiology, Surveillance, and Informatics



Presentation Outline

- 2018 Number of Births Summary
- Comparison of Final 2017 to Prelim 2018
 - Prematurity & Infant Mortality (IM) Data
- Running 4 Quarters of IM & Prematurity Data
 - 2nd-4th Quarter 2018 & 1st Quarter 2019
- Data from ODH – Bureau of Vital Statistics
 - The Department specifically disclaims responsibility for any analyses, interpretations or conclusions.

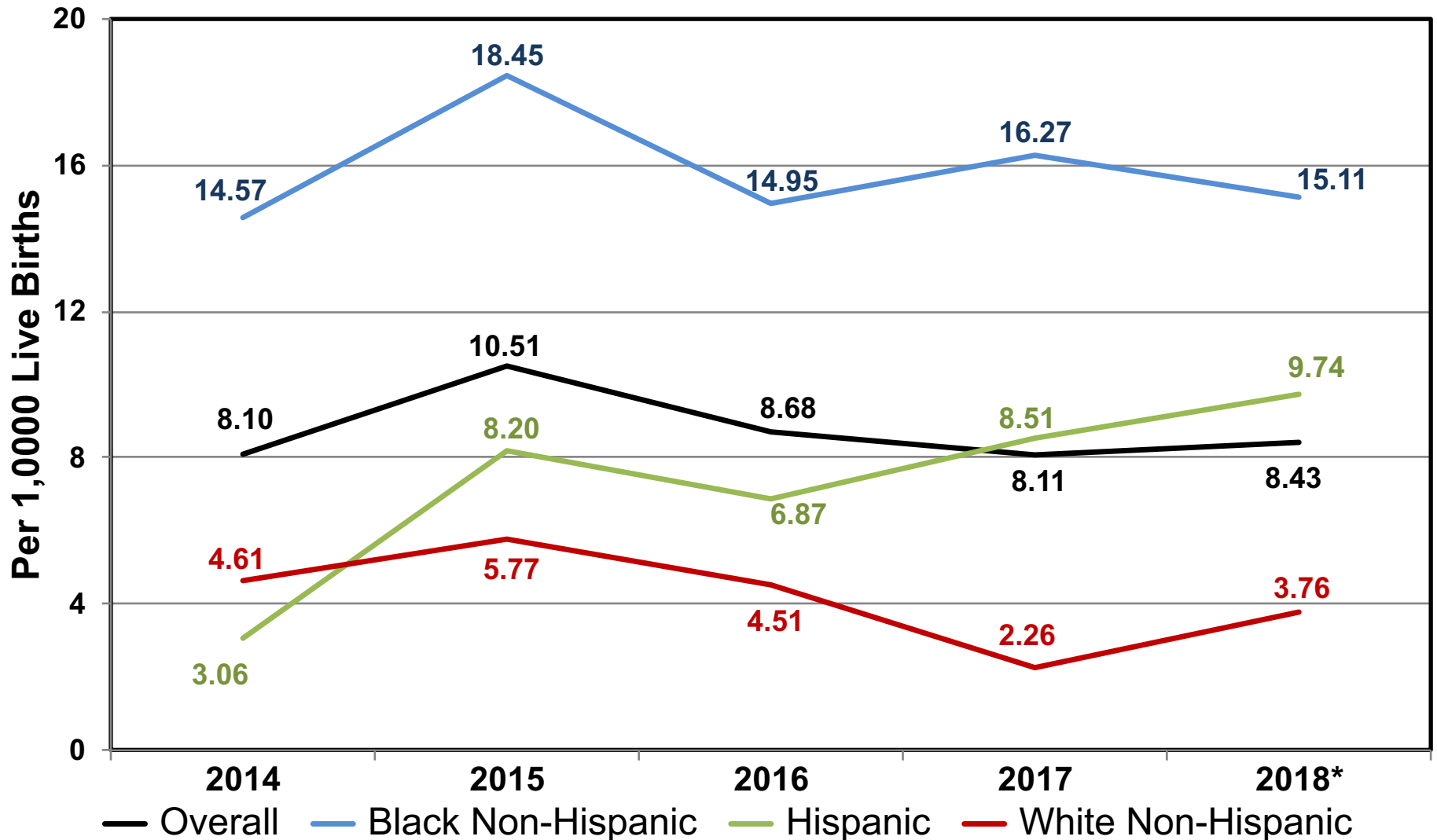


Birth Summary - 2018

- Total estimated # of births
 - Prelim 2018 → 13,871 (4.7% ↓)
 - Final 2017 → 14,558
- Breakdown by ethnicity and race
 - Black (5,227 in 2018 ~ 430 lower/7.6% ↓)
 - Hispanic (1,027 in 2018 ~ 30 lower/2.8% ↓)
 - White (6,918 in 2018 ~ 165 lower/2.3% ↓)

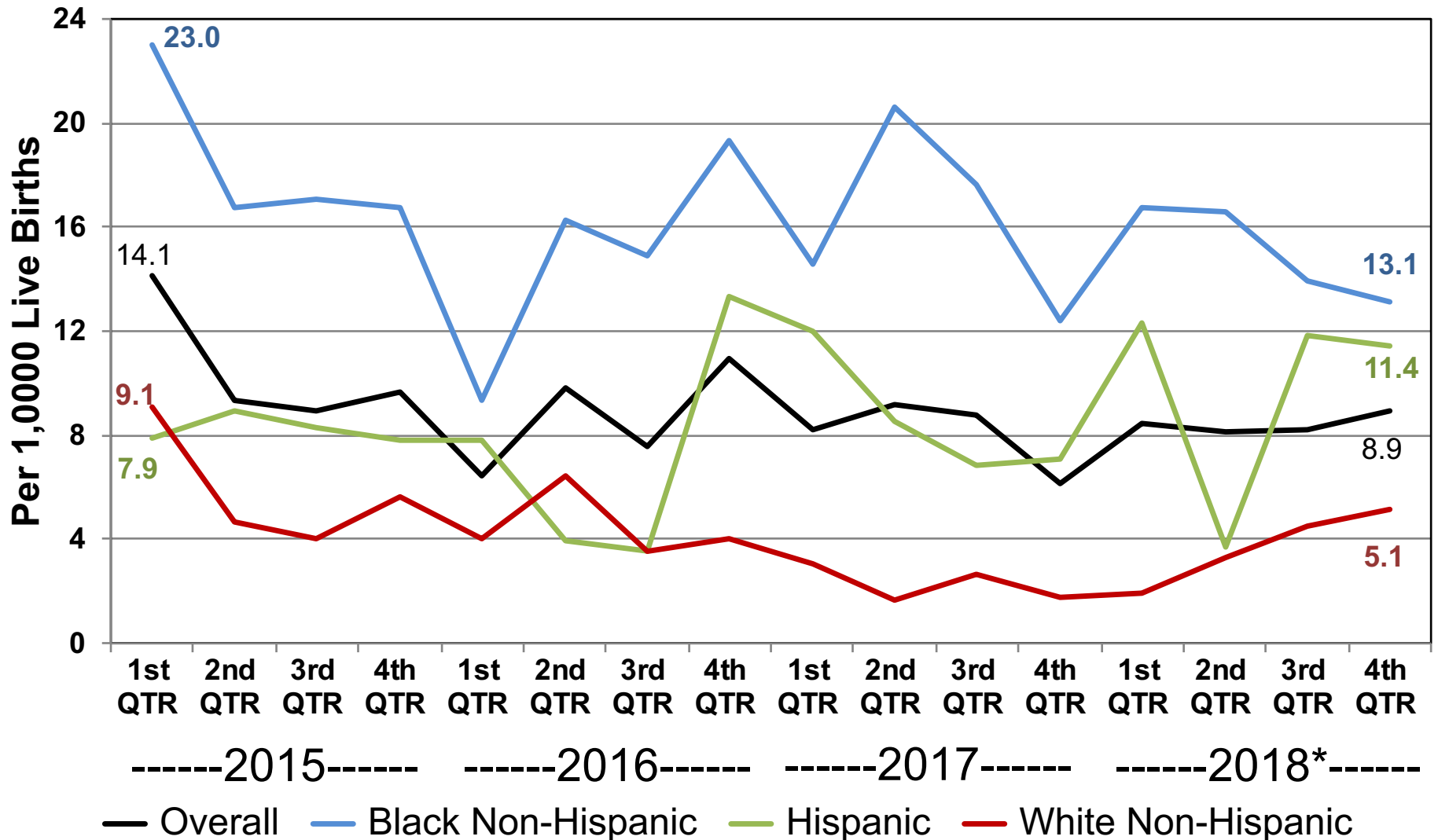


2014-2018 Cuyahoga County IMR by Ethnicity & Race



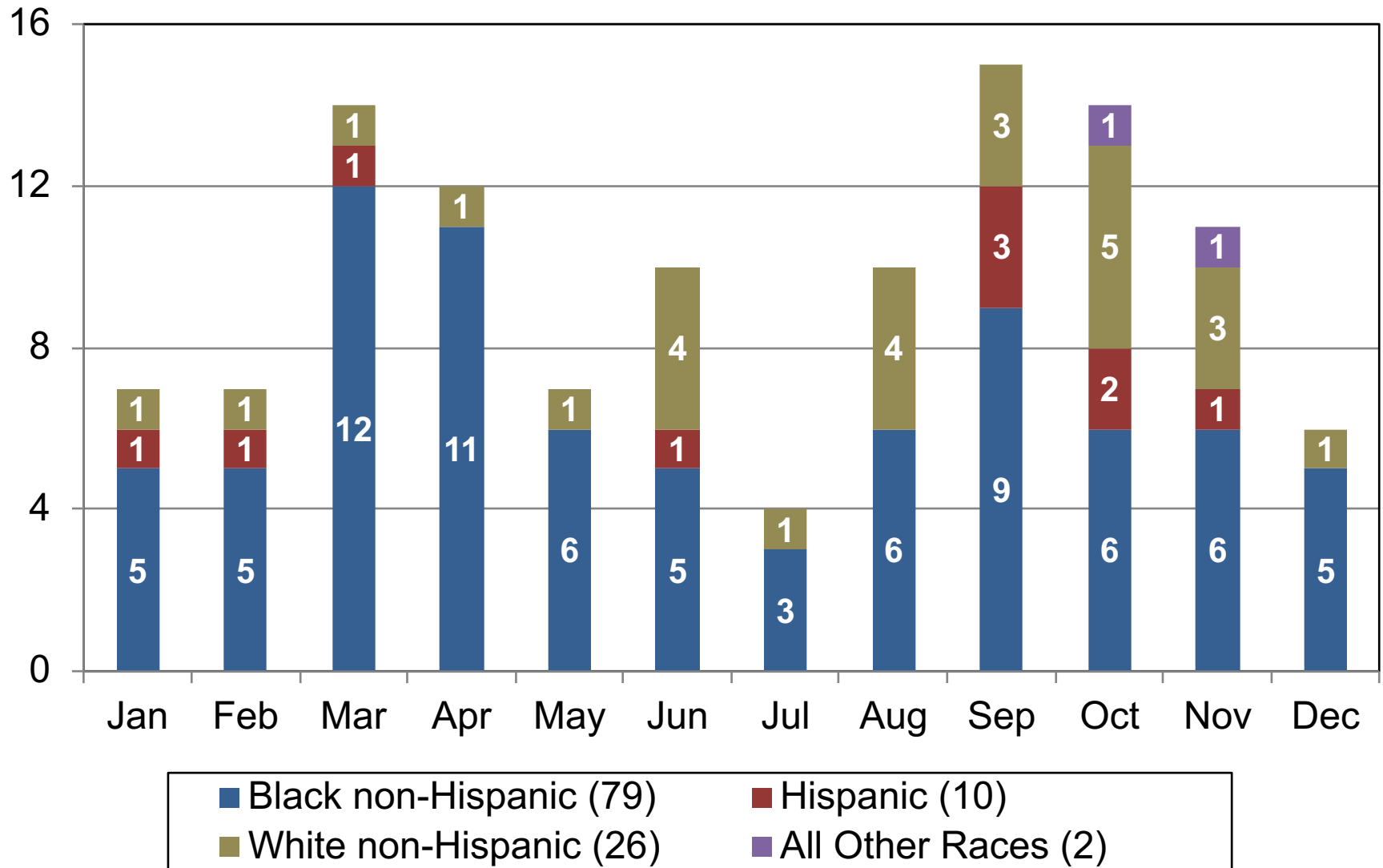
*2018 rate in preliminary

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

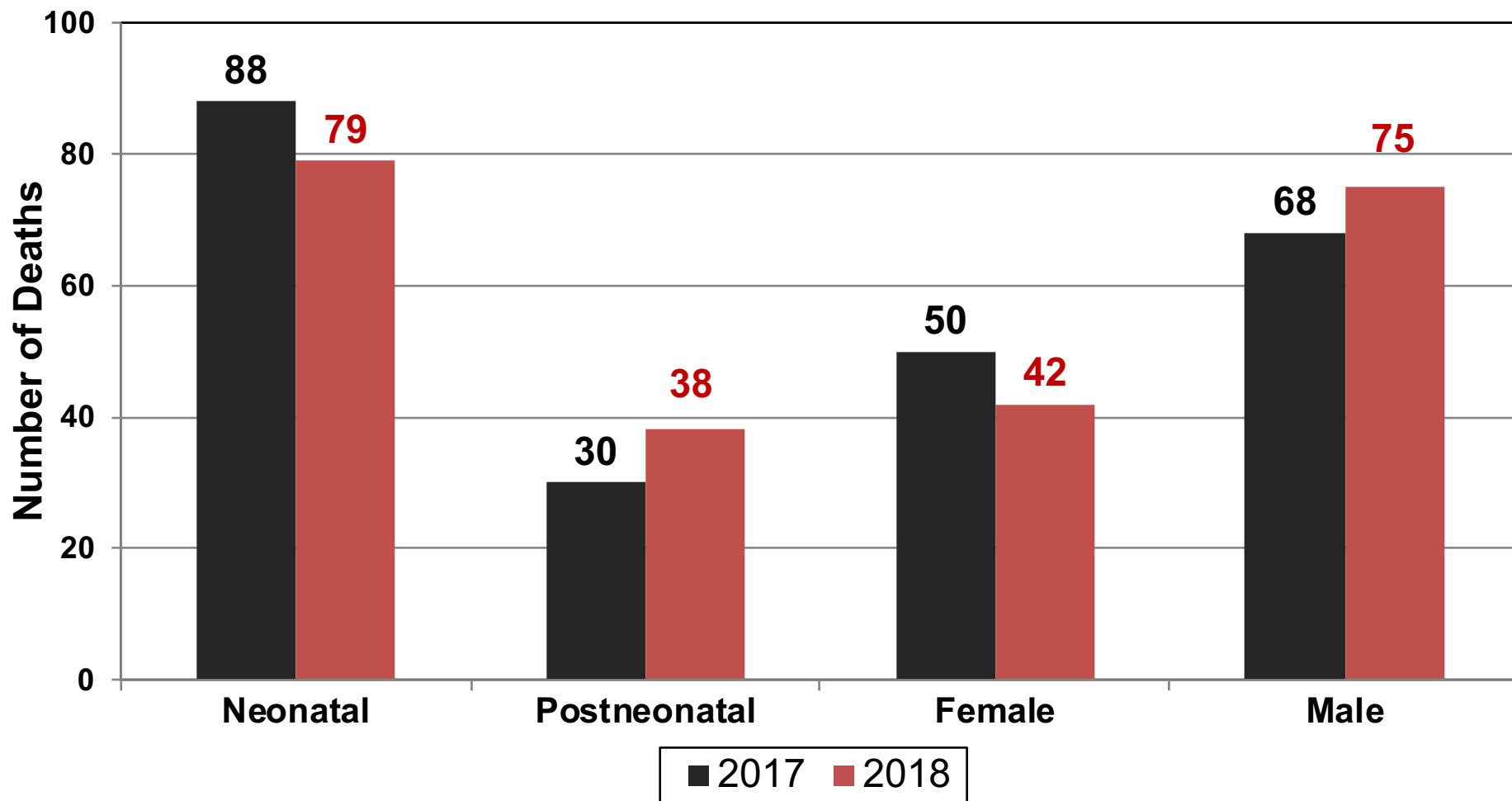


*2018 rate in preliminary

2018 Infant Deaths by Ethnicity and Race – Actual Numbers (n=117)

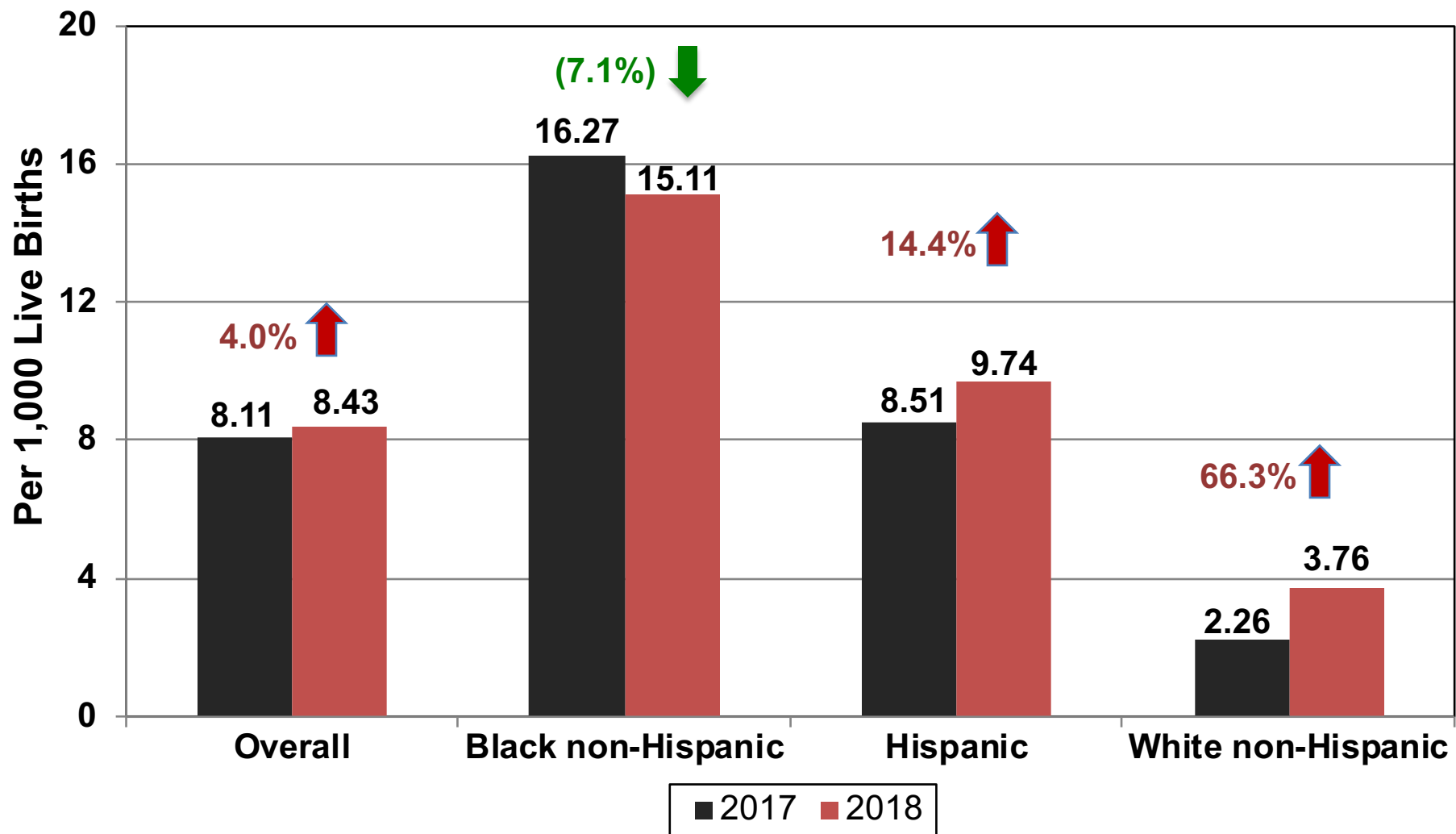


Final 2017 & Prelim 2018 Infant Deaths by Age of Infant & Sex



*2018 data are preliminary

Final 2017 and Prelim 2018 IMR by Ethnicity and Race

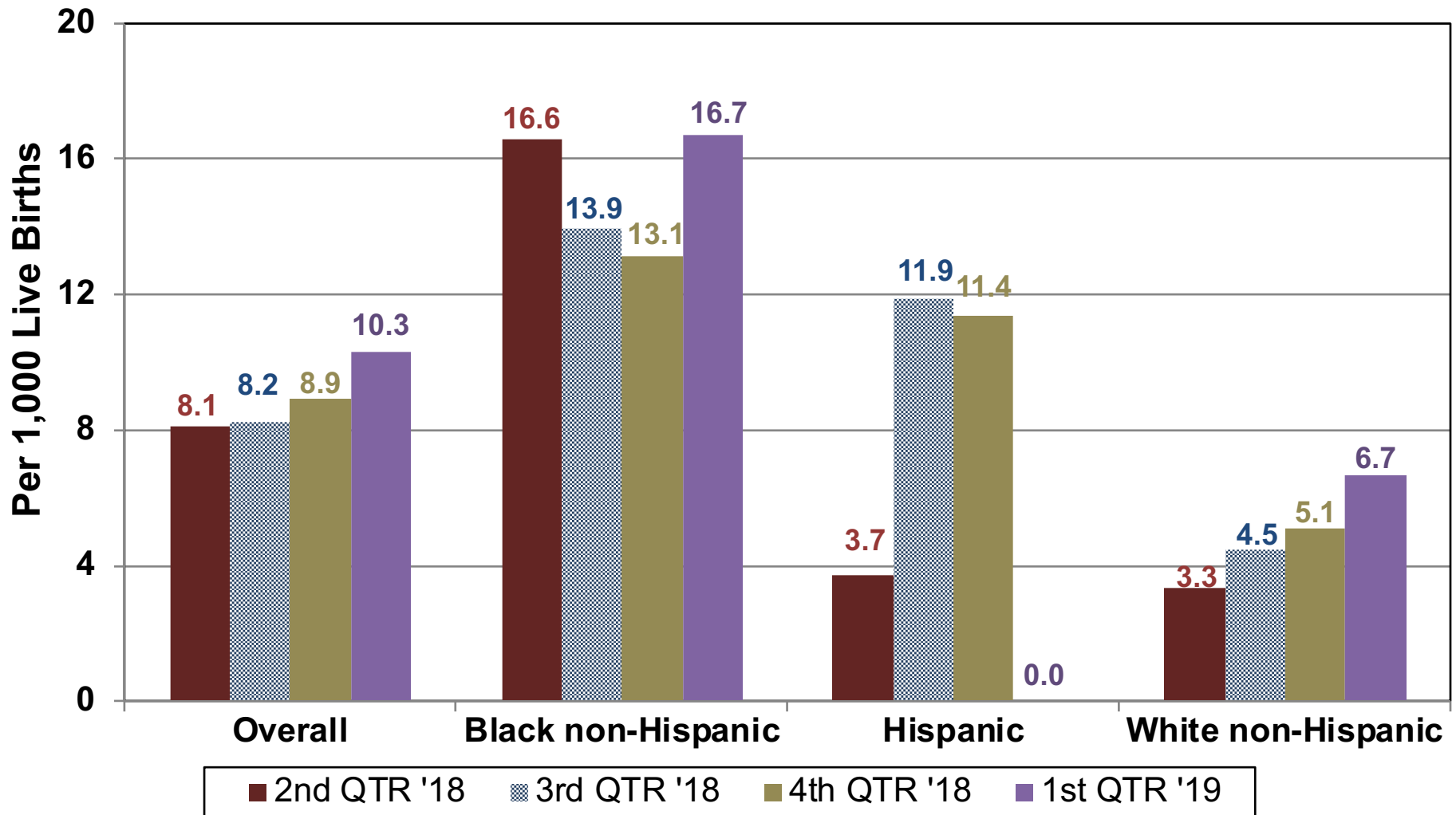


*2018 data are preliminary

Comparing 2nd-4th Quarter 2018 & 1st Quarter 2019

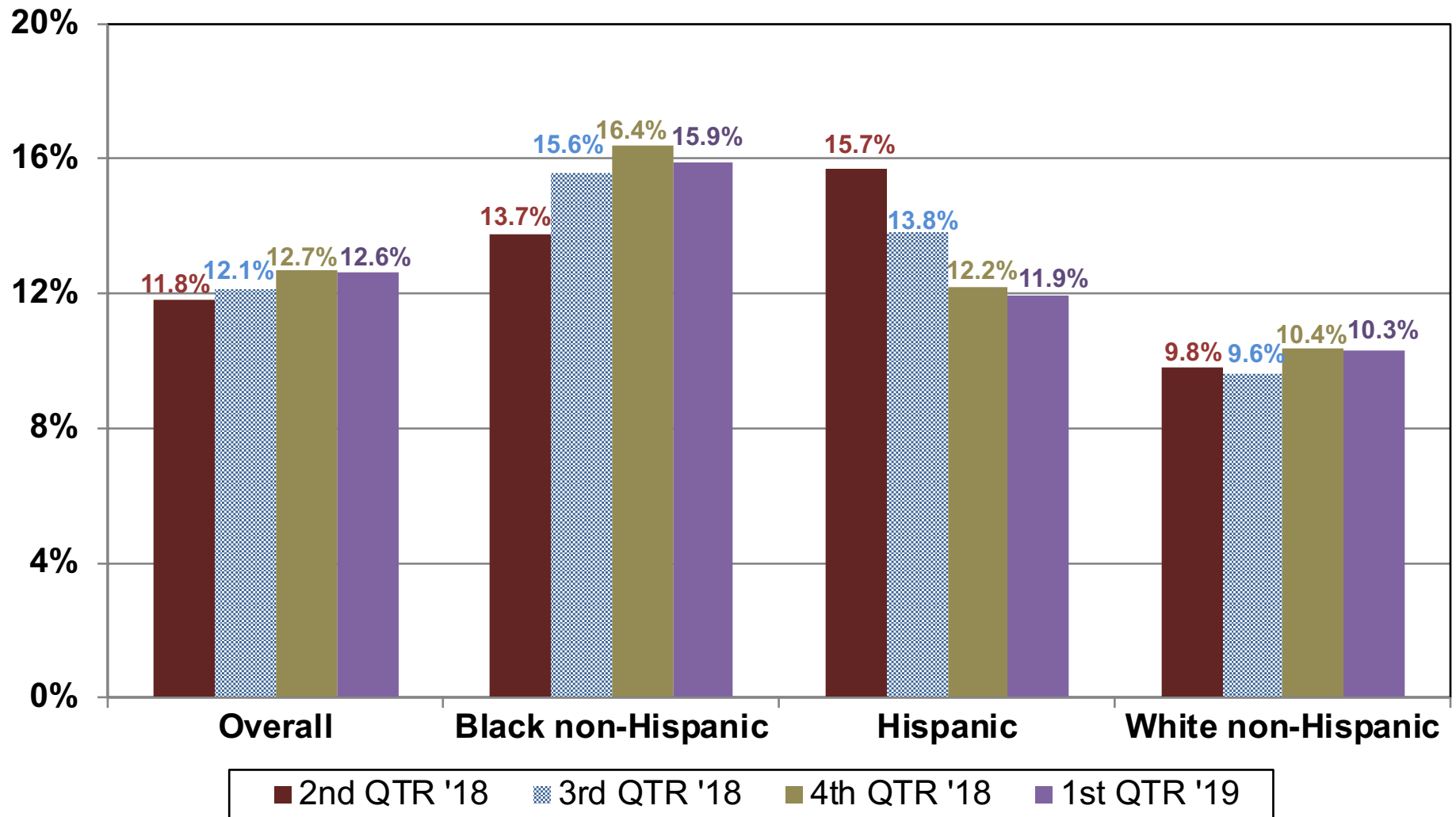
IMR by Ethnicity or Race

2nd-4th Quarter 2018 & 1st Quarter 2019



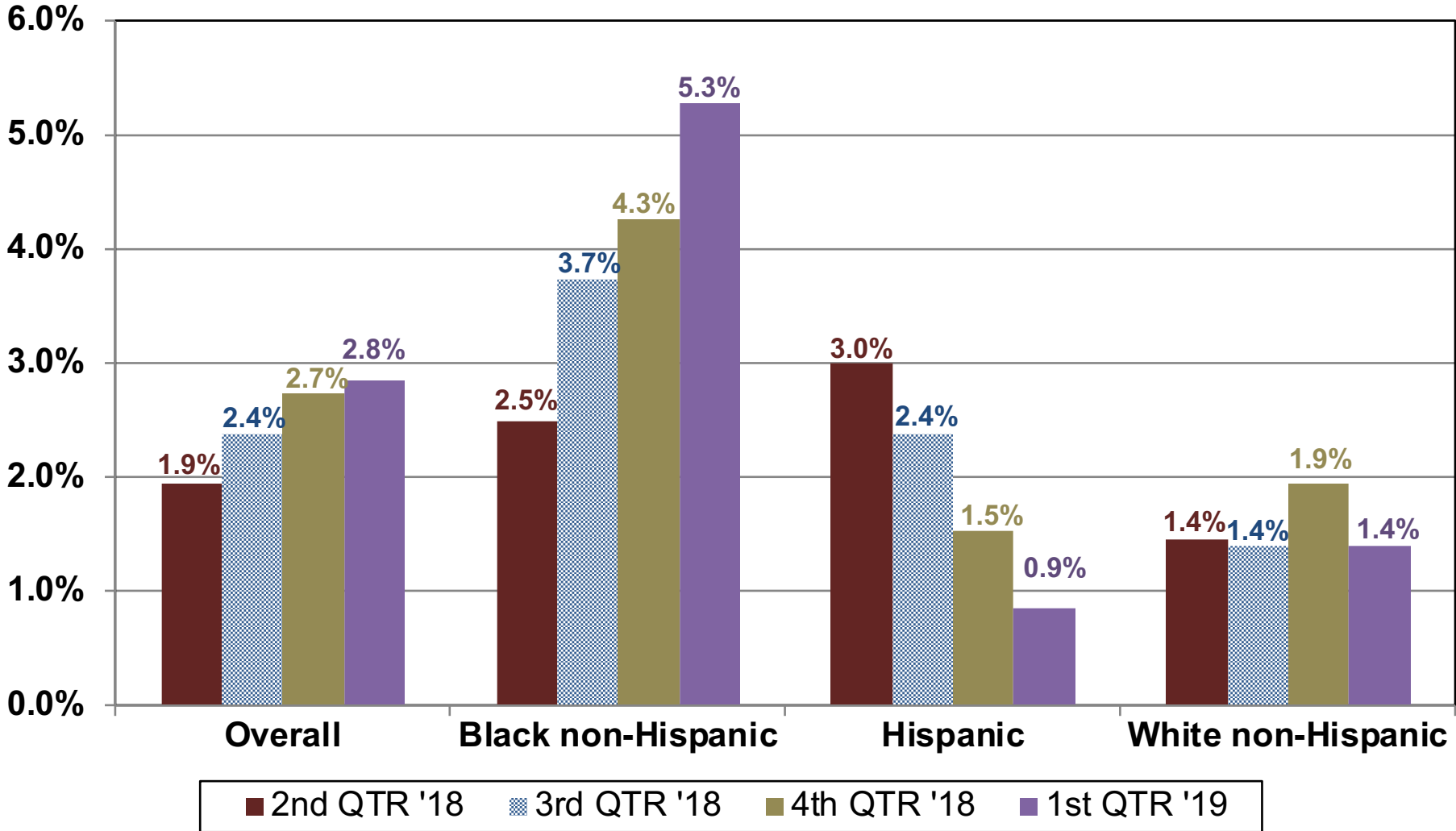
*2018 & 2019 data are preliminary

Preterm Birth Rate by Ethnicity or Race 2nd-4th Quarter 2018 & 1st Quarter 2019



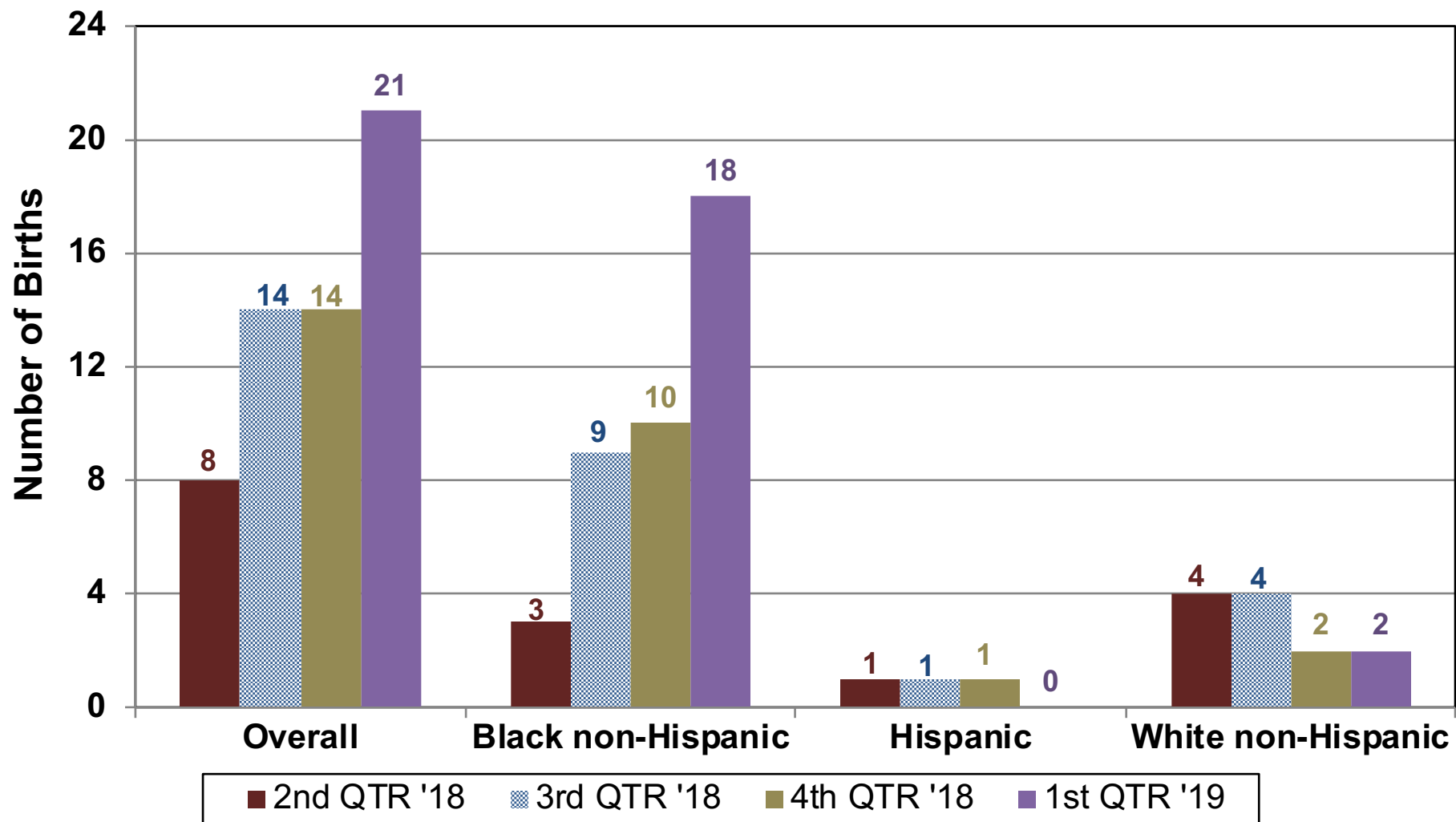
*2018 & 2019 data are preliminary

Very Preterm Birth Rate by Ethnicity or Race 2nd-4th Quarter 2018 & 1st Quarter 2019



*2018 & 2019 data are preliminary

Babies born 22 Weeks or less Gestation by Ethnicity or Race: 2nd-4th Quarter 2018 & 1st Quarter 2019



*2018 & 2019 data are preliminary

Summary

- Improvement in 2018 Black IM/PTB Rates
 - 12 fewer black infant deaths!
 - 158 fewer black preterm births!
 - Increase in very preterm births in last 12 months
- Lower number of births by ethnicity & all races
- Increase in babies born 22 weeks or less in the 2nd half of 2018
- 1st QTR 2019 – Improvement needed

QUESTIONS???



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