

RECENT INFANT MORTALITY & BIRTH OUTCOME DATA

First Year Cleveland – Community Action Council Meeting
December 3, 2019

Presenter:

Richard Stacklin, M.Ed.

Data Analyst

Epidemiology, Surveillance & Informatics

Cleveland data provided by:

Lauren Bottoms, MPH

Epidemiologist

Cleveland Department of Public Health - MomsFirst

CUYAHOGA COUNTY PUBLIC HEALTH COLLABORATIVE

CUYAHOGA COUNTY
BOARD OF HEALTH
YOUR TRUSTED SOURCE FOR PUBLIC HEALTH INFORMATION



cdph
Cleveland Department of Public Health

Outline

- **New** → Cleveland Data
 - Presented on a quarterly basis
- Comparison of (prelim) 2018 to 2019
 - Prematurity and Infant Mortality (IM) Data
- Running 4 Quarters of IM & Prematurity Data
 - 4th Quarter 2018 & 1st-3rd Quarter 2019

Data from Ohio Department of Health – Bureau of Vital Statistics

- The Department specifically disclaims responsibility for any analyses, interpretations or conclusions.

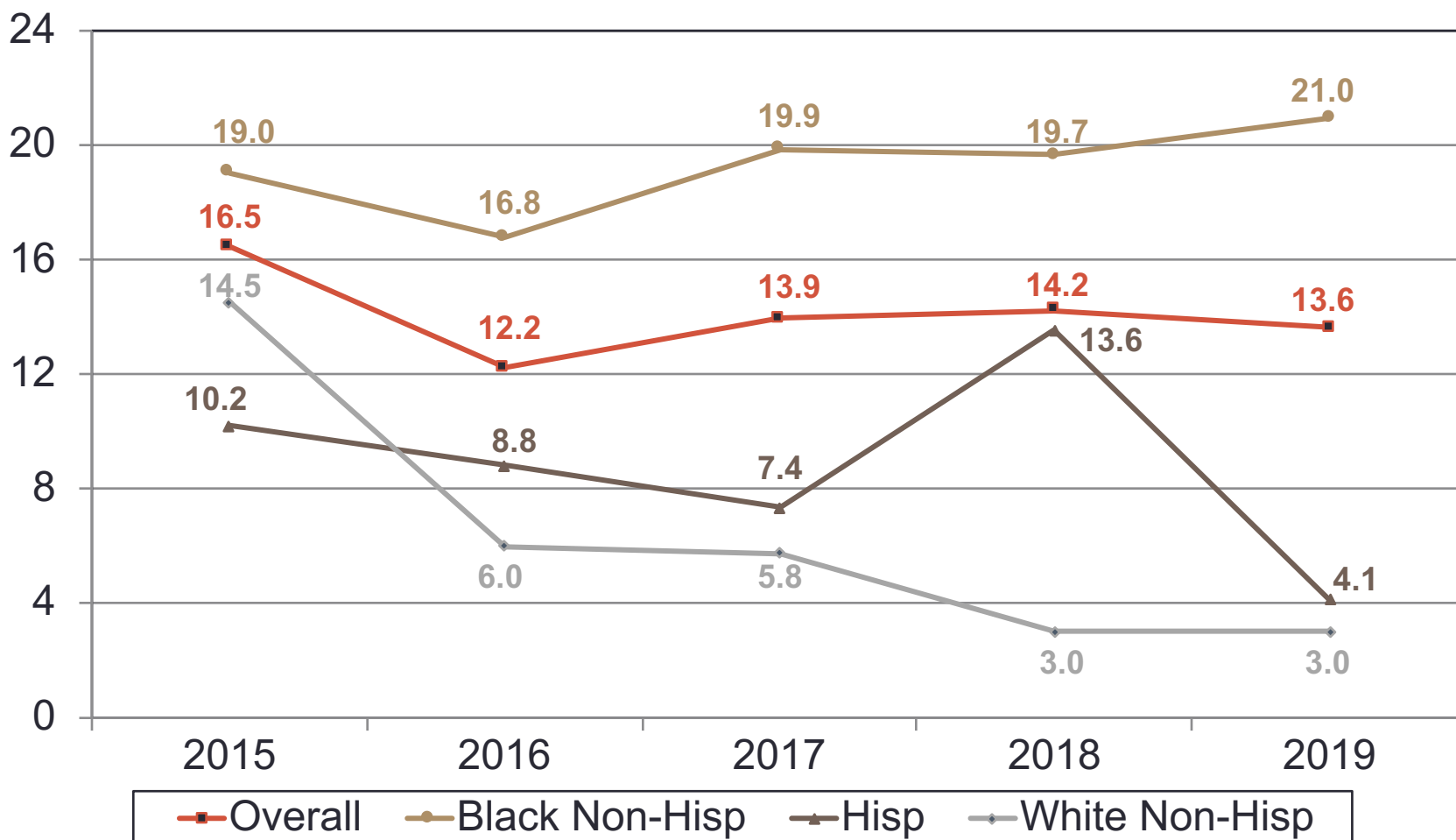
CUYAHOGA COUNTY PUBLIC HEALTH COLLABORATIVE

CUYAHOGA COUNTY
BOARD OF HEALTH
YOUR TRUSTED SOURCE FOR PUBLIC HEALTH INFORMATION

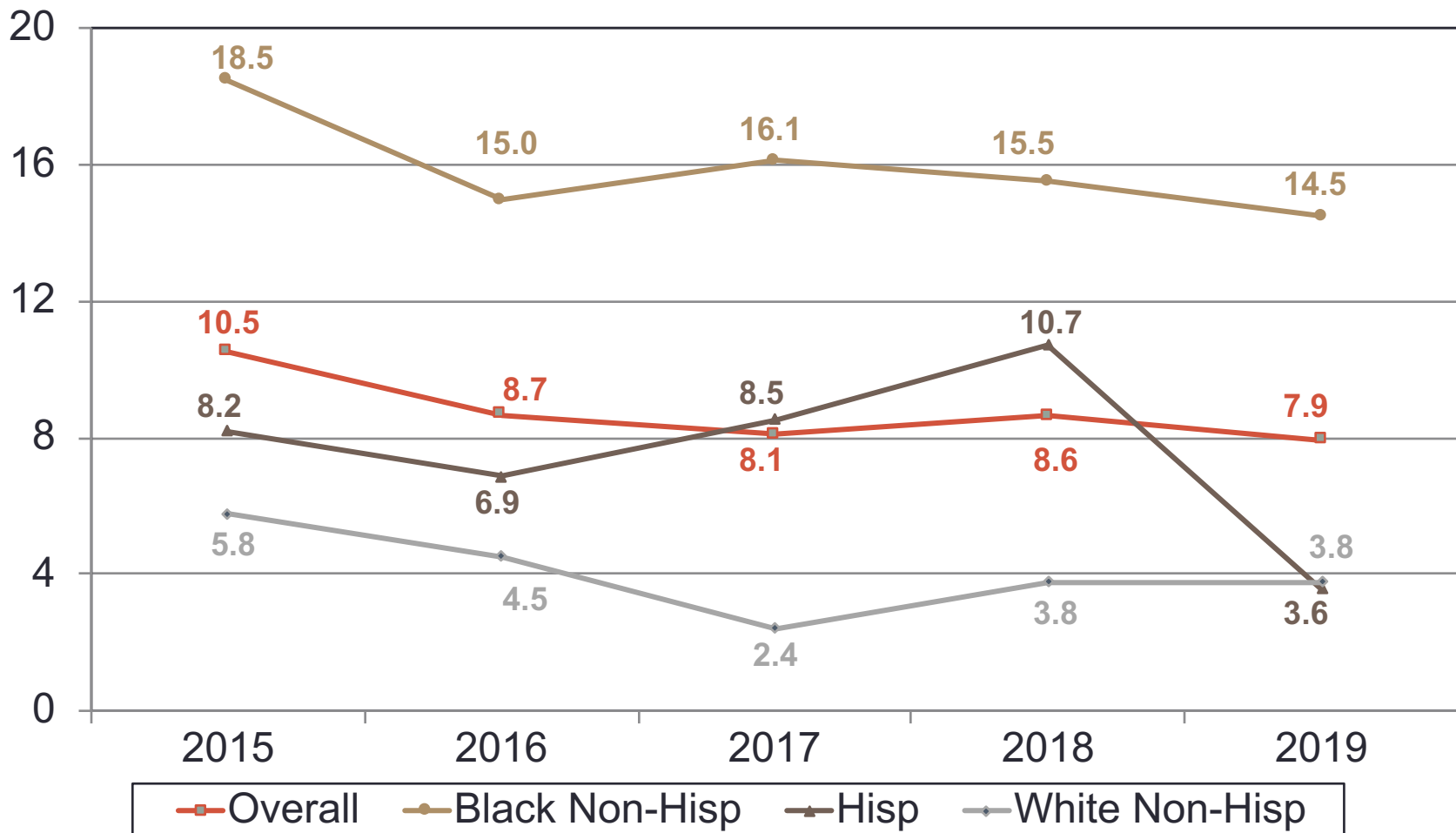


cdph
Cleveland Department of Public Health

2015-2019 Infant Mortality Data: Cleveland



2015-2019 Infant Mortality Data: Cuyahoga



**Comparing 2018 to 2019
(Year to Date)
Cleveland (thru 3rd Quarter)
Cuyahoga (thru October)**

CUYAHOGA COUNTY PUBLIC HEALTH COLLABORATIVE

CUYAHOGA COUNTY
BOARD OF HEALTH
YOUR TRUSTED SOURCE FOR PUBLIC HEALTH INFORMATION



Comparison of Infant Mortality Data Cleveland: 2018 to 2019 (thru 3rd Quarter)

	2018	2019	Change
Black non-Hispanic	18.23	20.95	14.9%
Hispanic	13.55	4.12	-69.6%
White non-Hispanic	3.03	3.03	0
Overall	13.43	13.62	1.4%
Black-White Inequity	6.01	6.91	15.0%

Comparison of Infant Mortality Data

Cuyahoga: 2019 to 2018 (thru October)

	2018	2019	Change
Black non-Hispanic	16.12	14.49	-10.1%
Hispanic	11.72	3.55	-69.7%
White non-Hispanic	3.81	3.79	-0.6%
Overall	8.91	7.92	-11.1%
Black-White Inequity	4.23	3.83	-9.6%

Comparison of 22 Weeks or less Births Cleveland: 2018 to 2019 (thru October)

	2018	2019	Change
Black non-Hispanic	21	23	2
Hispanic	4	2	-2
White non-Hispanic	5	4	-1
Overall	30	30	0

CUYAHOGA COUNTY PUBLIC HEALTH COLLABORATIVE

CUYAHOGA COUNTY
BOARD OF HEALTH
YOUR TRUSTED SOURCE FOR PUBLIC HEALTH INFORMATION



cdph
Cleveland Department of Public Health

Comparison of 22 Weeks or less Births Cuyahoga: 2019 to 2018 (thru October)

	2018	2019	Change
Black non-Hispanic	26	32	6
Hispanic	4	2	-2
White non-Hispanic	11	11	0
Overall	41	49	8

CUYAHOGA COUNTY PUBLIC HEALTH COLLABORATIVE

CUYAHOGA COUNTY
BOARD OF HEALTH
YOUR TRUSTED SOURCE FOR PUBLIC HEALTH INFORMATION



cdph
Cleveland Department of Public Health

Comparison of Very Preterm Birth Rates Cleveland: 2018 to 2019 (thru 3rd Quarter)

	2018	2019	Change
Black non-Hispanic	3.90%	4.57%	17.2%
Hispanic	2.71%	1.03%	-62.0%
White non-Hispanic	2.50%	3.34%	33.6%
Overall	3.30%	3.73%	13.0%

Comparison of Very Preterm Birth Rates Cuyahoga: 2019 to 2018 (thru October)

	2018	2019	Change
Black non-Hispanic	3.58%	4.11%	12.8%
Hispanic	2.34%	1.42%	-64.5%
White non-Hispanic	1.53%	1.50%	-2.2%
Overall	2.37%	2.51%	5.9%

CUYAHOGA COUNTY PUBLIC HEALTH COLLABORATIVE

CUYAHOGA COUNTY
BOARD OF HEALTH
YOUR TRUSTED SOURCE FOR PUBLIC HEALTH INFORMATION



cdph
Cleveland Department of Public Health

Comparison of Preterm Birth Rates Cleveland: 2018 to 2019 (thru 3rd Quarter)

	2018	2019	Change
Black non-Hispanic	16.26%	15.76%	-3.1%
Hispanic	14.01%	11.96%	-14.6%
White non-Hispanic	13.19%	11.12%	-15.7%
Overall	14.95%	13.87%	-7.2%

CUYAHOGA COUNTY PUBLIC HEALTH COLLABORATIVE

CUYAHOGA COUNTY
BOARD OF HEALTH
YOUR TRUSTED SOURCE FOR PUBLIC HEALTH INFORMATION



cdph
Cleveland Department of Public Health

Comparison of Preterm Birth Rates

Cuyahoga: 2019 to 2018 (thru October)

	2018	2019	Change
Black non-Hispanic	14.92%	14.84%	-0.5%
Hispanic	13.16%	12.56%	-4.8%
White non-Hispanic	9.80%	9.52%	-3.0%
Overall	11.95%	11.81%	-1.2%

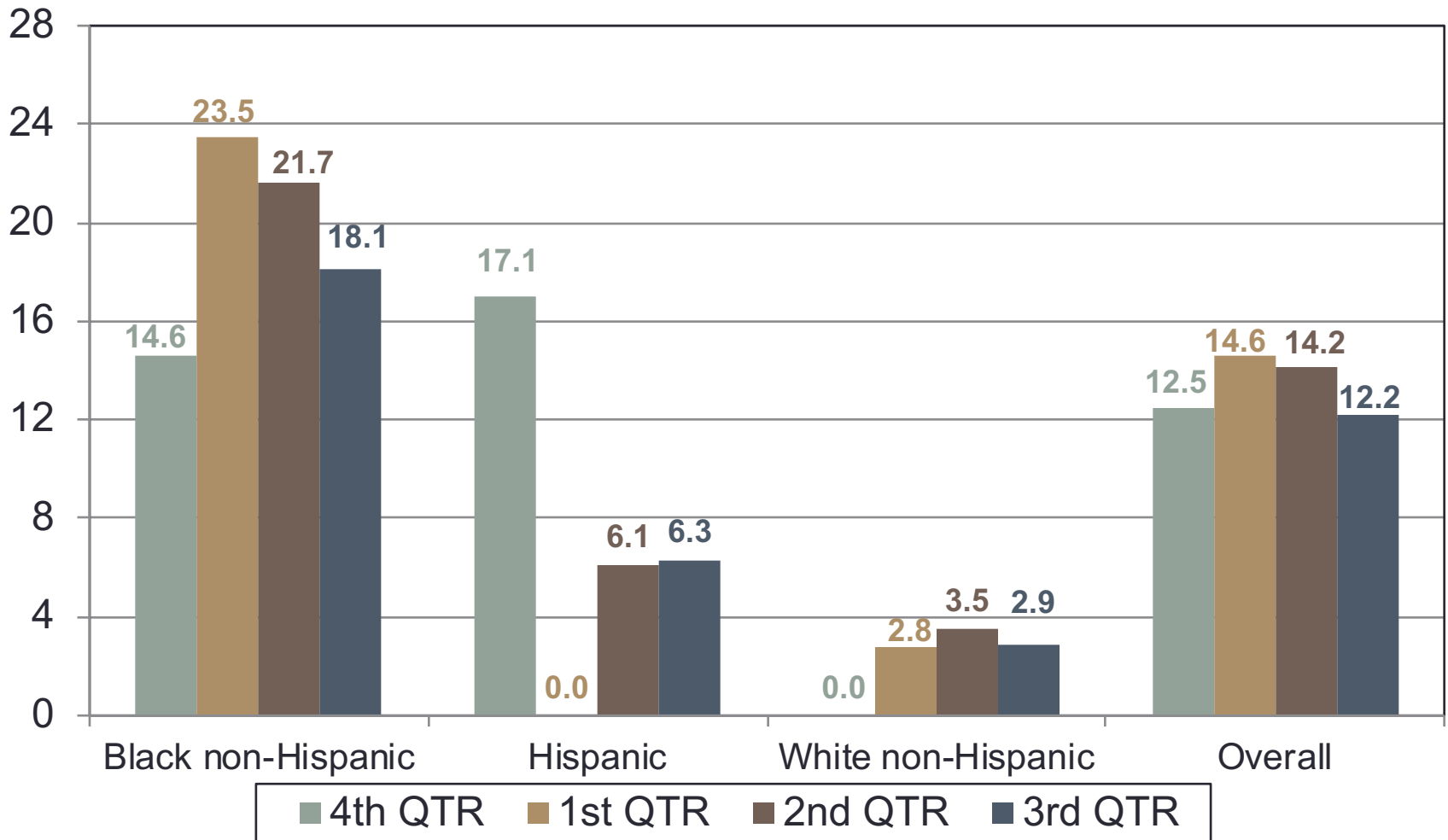
Rolling 12 Months – Quarterly Data October 2018-September 2019

CUYAHOGA COUNTY PUBLIC HEALTH COLLABORATIVE

CUYAHOGA COUNTY
BOARD OF HEALTH
YOUR TRUSTED SOURCE FOR PUBLIC HEALTH INFORMATION

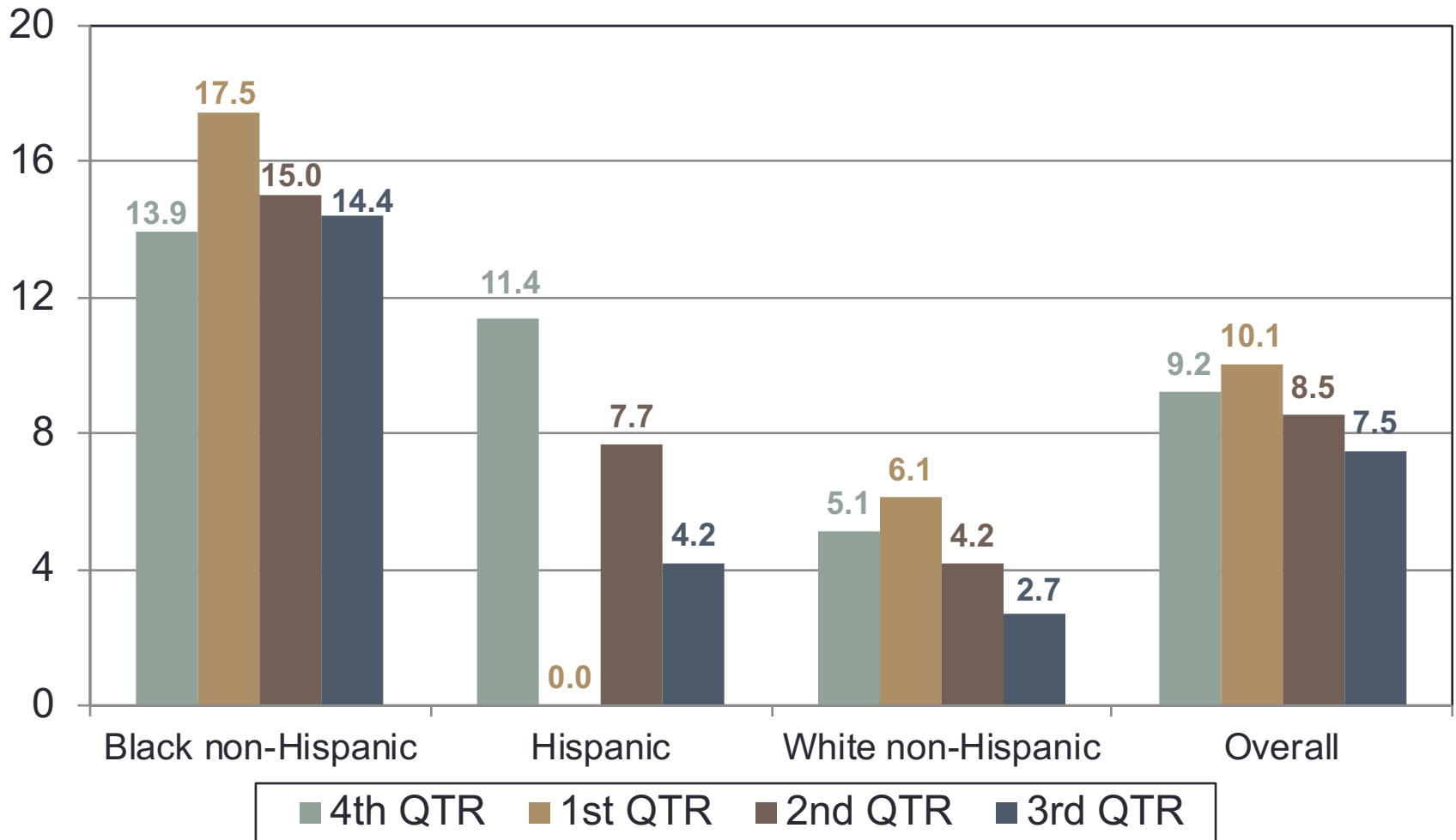


IMR by Ethnicity or Race – Cleveland 4th Quarter 2018 – 3rd Quarter 2019

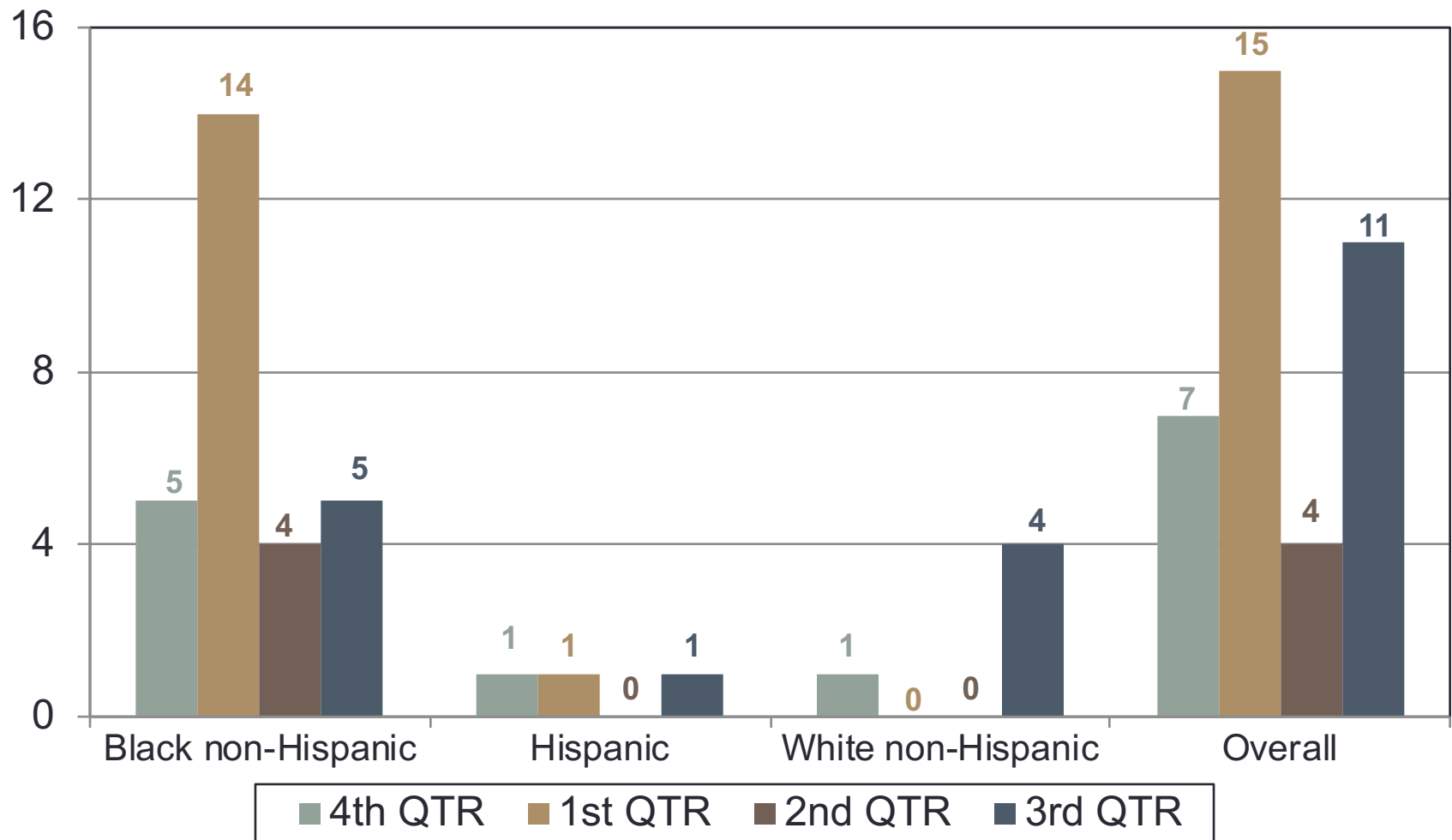


IMR by Ethnicity or Race – Cuyahoga

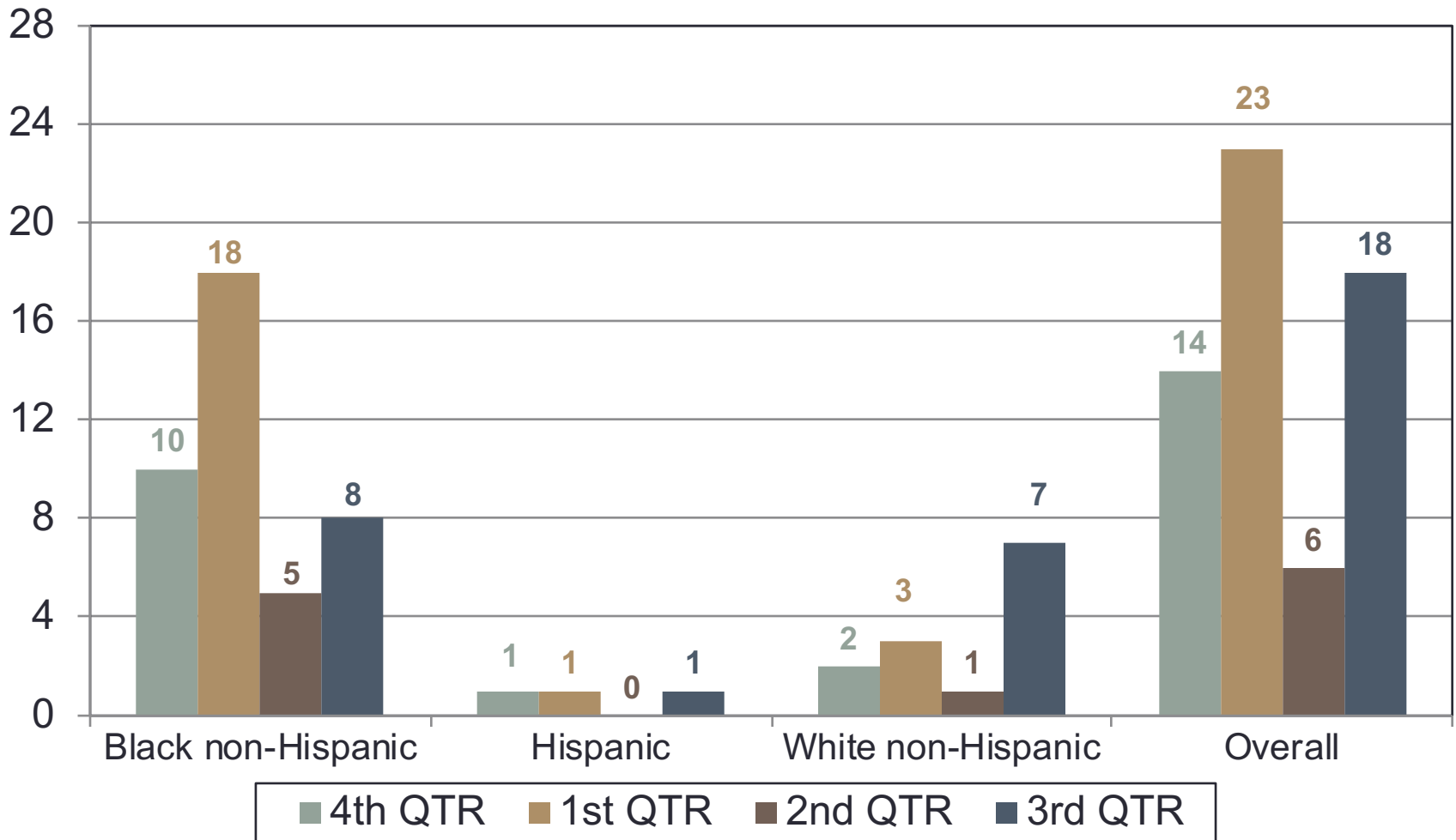
4th Quarter 2018 – 3rd Quarter 2019



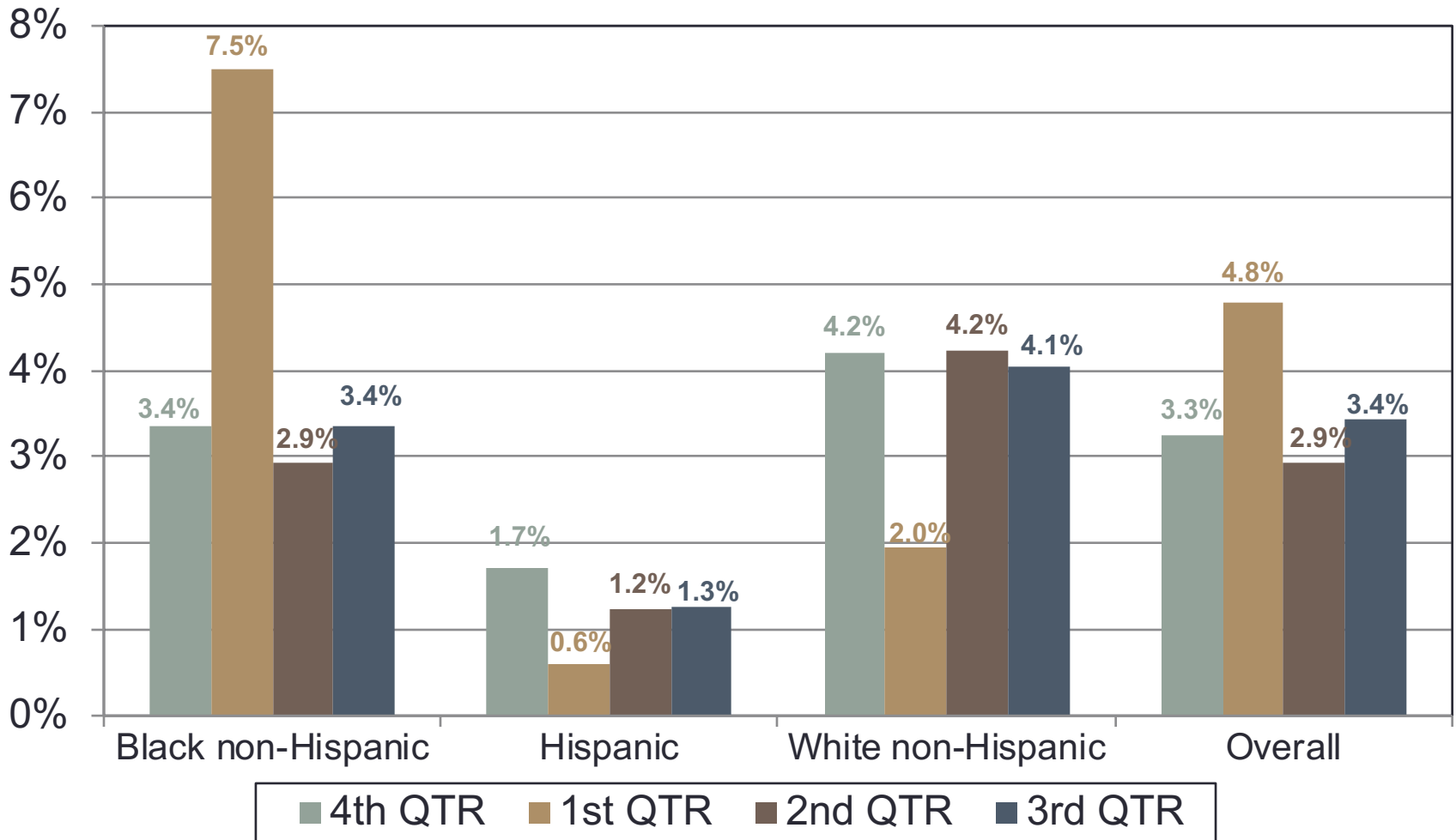
22 Weekers by Ethnicity or Race – Cleveland 4th Quarter 2018 – 3rd Quarter 2019



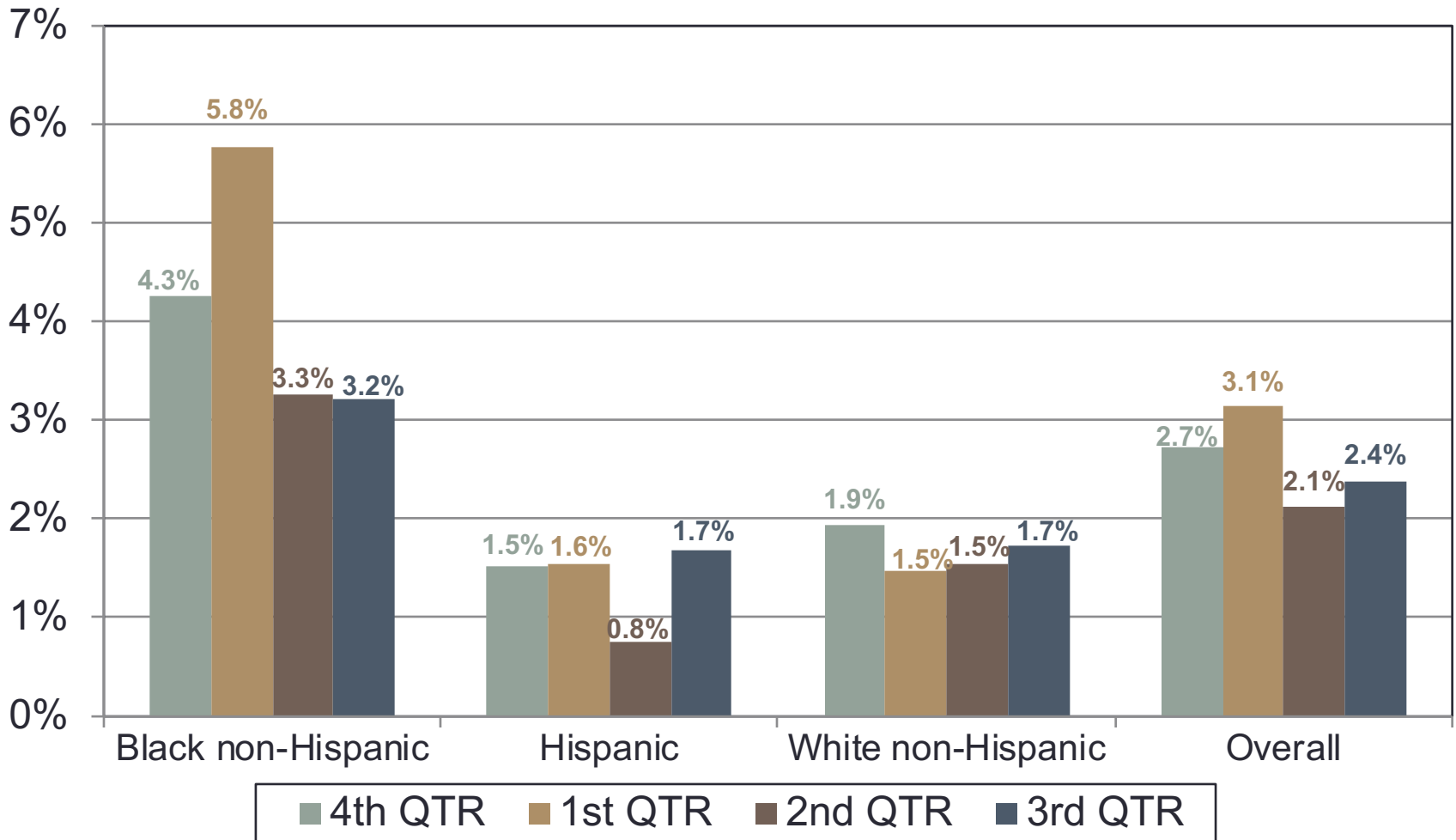
22 Weekers by Ethnicity or Race – Cuyahoga 4th Quarter 2018 – 3rd Quarter 2019



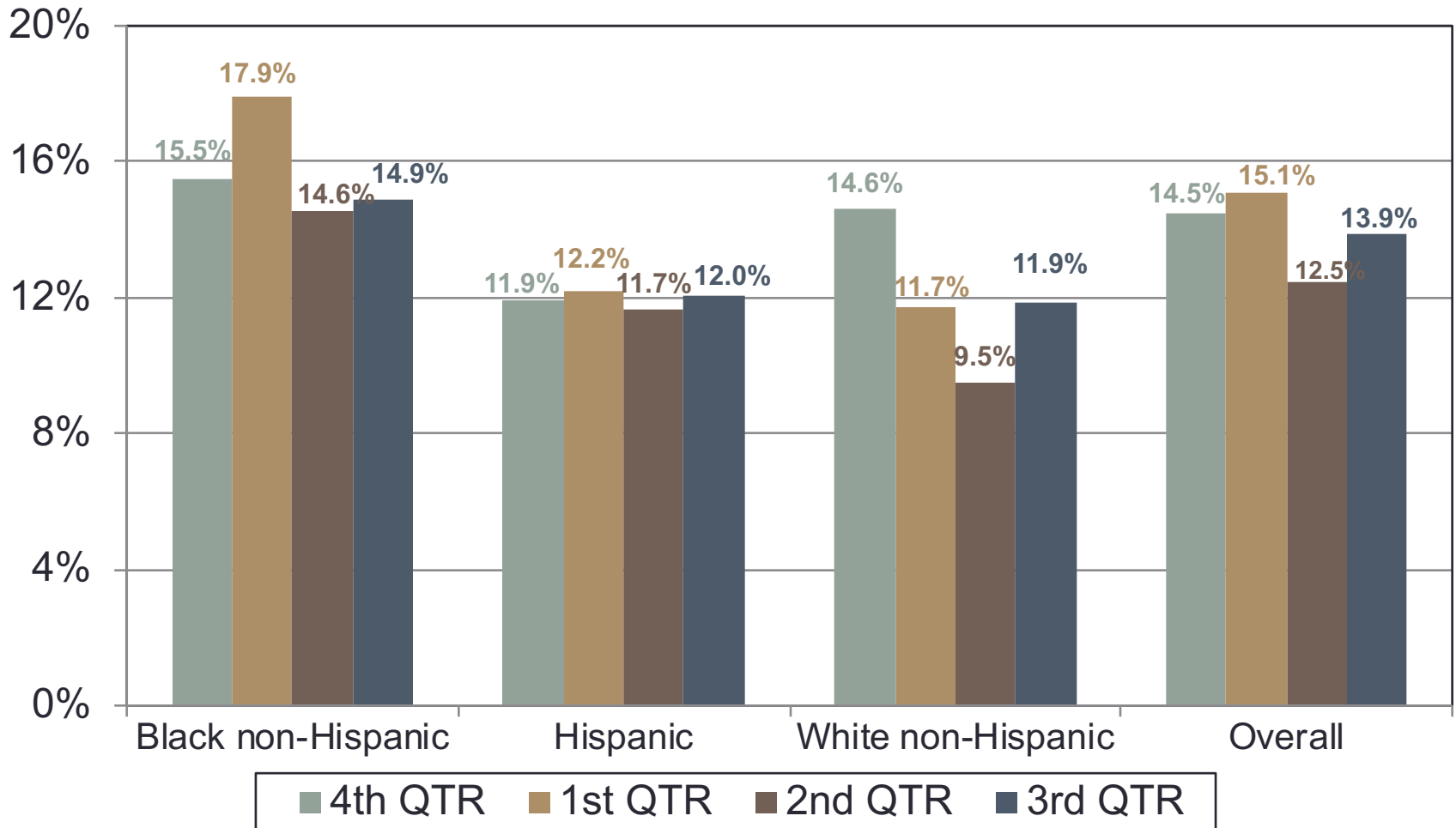
VPTB by Ethnicity or Race – Cleveland 4th Quarter 2018 – 3rd Quarter 2019



VPTB by Ethnicity or Race – Cuyahoga 4th Quarter 2018 – 3rd Quarter 2019

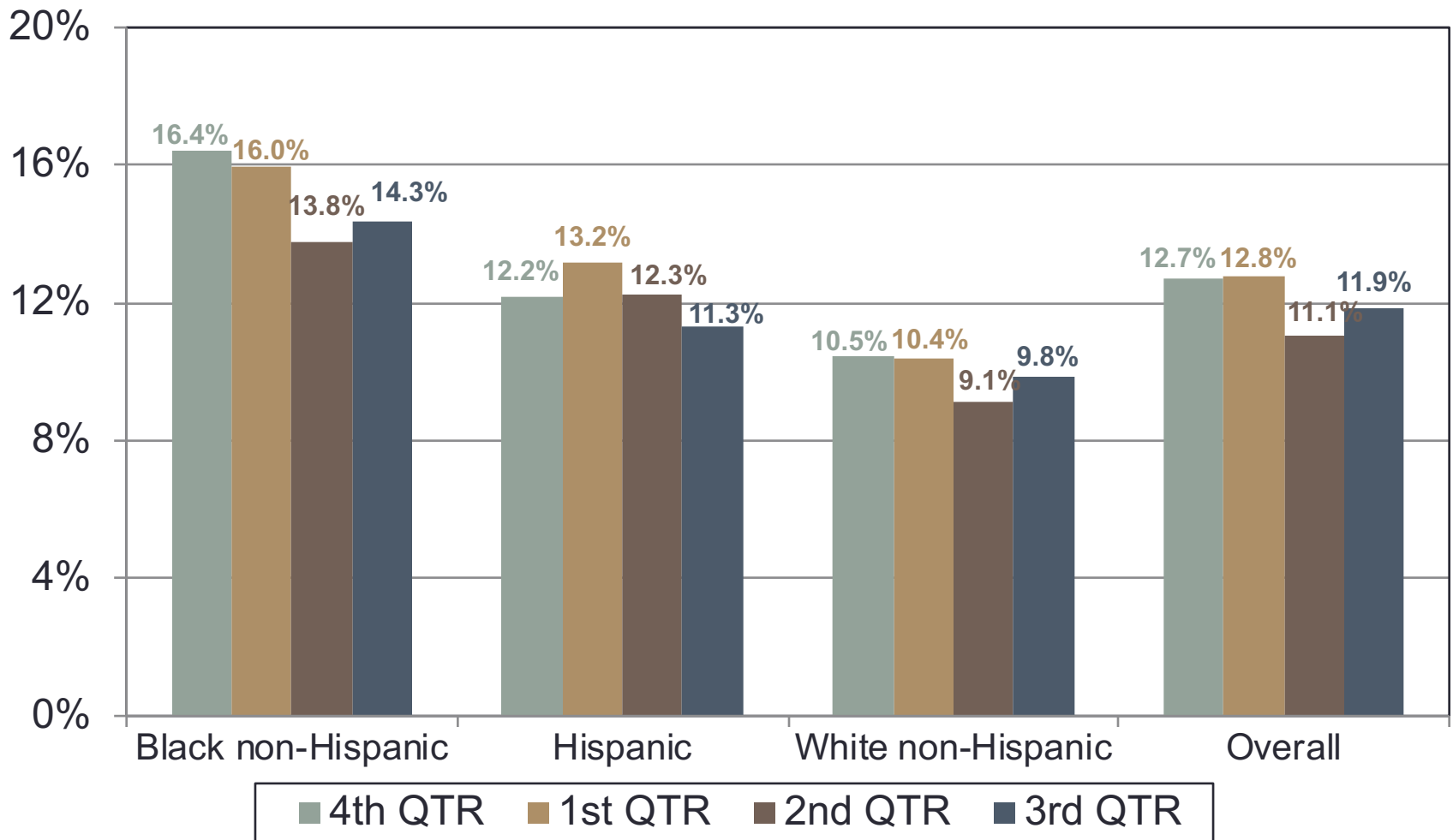


PTB by Ethnicity or Race – Cleveland 4th Quarter 2018 – 3rd Quarter 2019



PTB by Ethnicity or Race – Cuyahoga

4th Quarter 2018 – 3rd Quarter 2019



Summary

- Quarter over Quarter improvement of IMR & PTB in 2019
- Slight uptick in Cleveland Black non-Hispanic and Overall IMR in 2019
- Cleveland PTB decreased slightly in all groups in 2019
- Large proportion of Cuyahoga County infants born at 22 weeks or less gestation occurred in Cleveland

Questions

CUYAHOGA COUNTY PUBLIC HEALTH COLLABORATIVE

CUYAHOGA COUNTY
BOARD OF HEALTH
YOUR TRUSTED SOURCE FOR PUBLIC HEALTH INFORMATION

