



South Carolina Institute of
Medicine & Public Health



Our Mission



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Our mission is to collectively inform policy to improve health and health care.

The South Carolina Institute of Medicine and Public Health (IMPH) is an independent, nonprofit organization working to collectively inform policy to improve health and health care in South Carolina.

IMPH provides nonpartisan, evidence-based information to guide policymakers in making impactful health policy decisions.

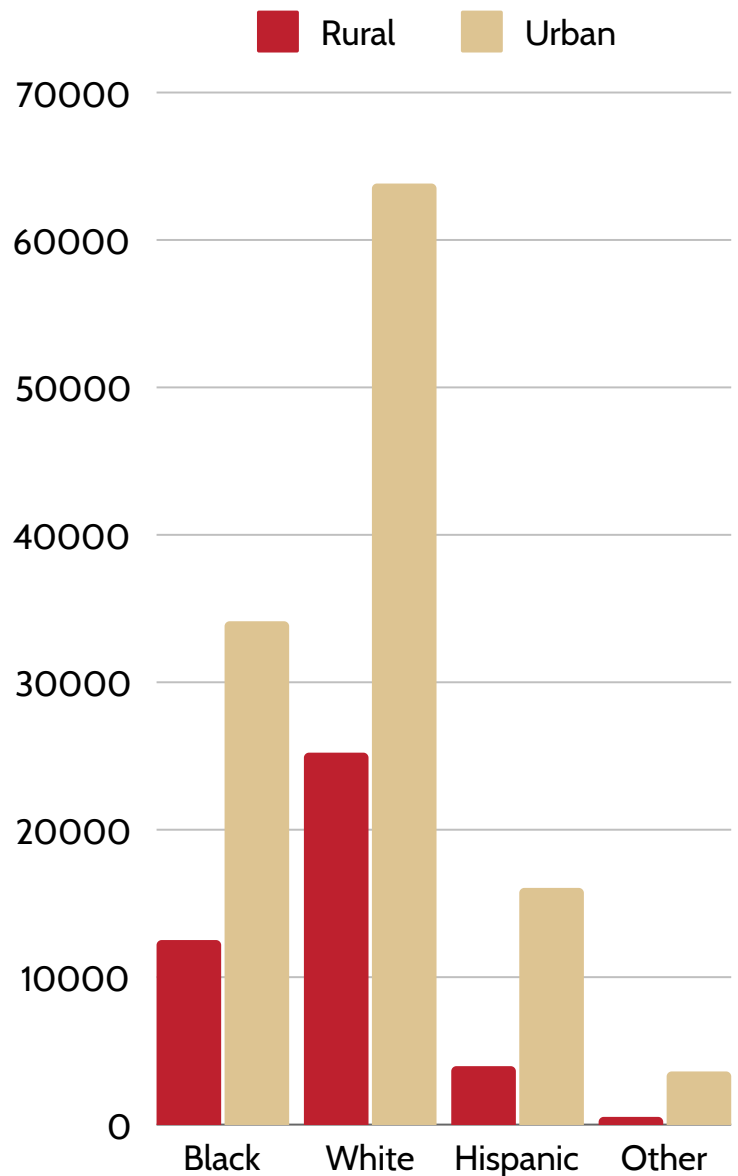


*Data Deck Overview
and
Selected Access to Care Indicators*

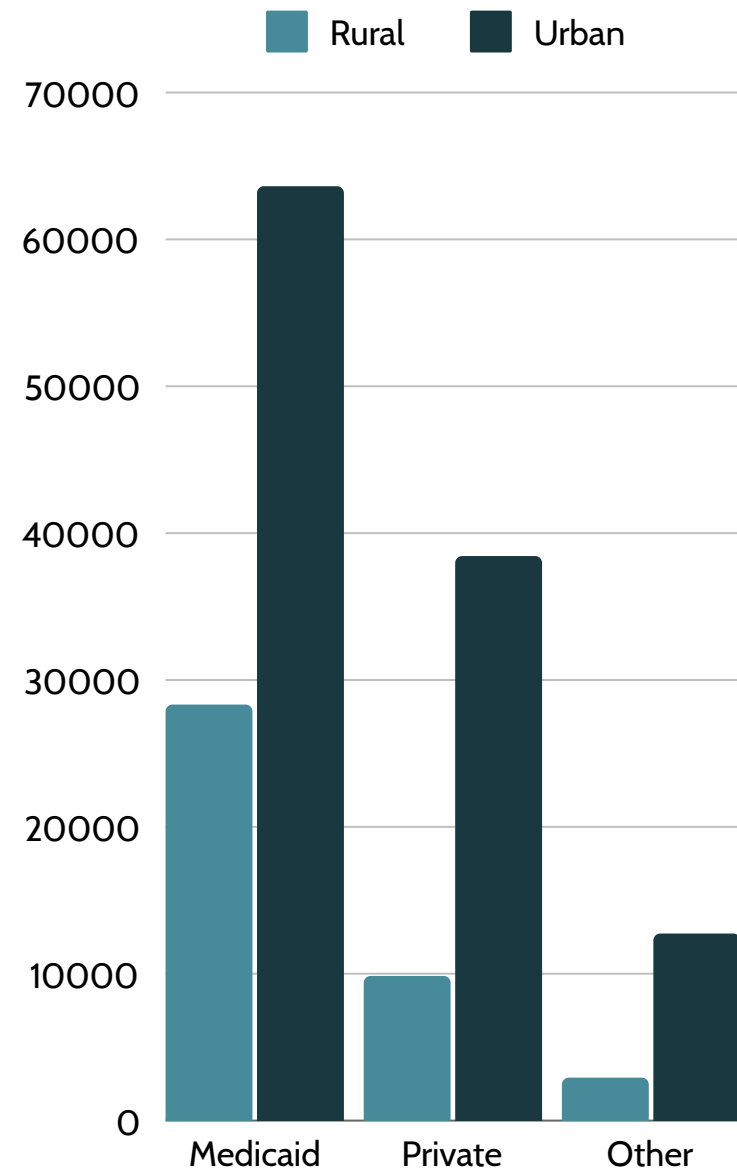


Number of South Carolina Births by Maternal Race, Payor, and Rurality (FY2020 Q4 - FY2023 Q3)

Number of Births by Race/Ethnicity



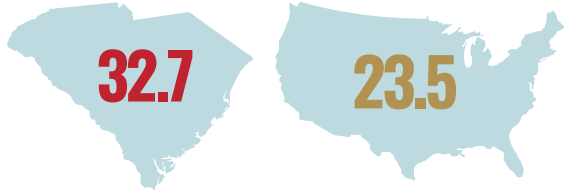
Number of Births by Payor



Source: <https://boi.ifsreports.com/statewide/newbornhealth.html>

Clinical Measures

Maternal Mortality Rate



PER 100,00 BIRTHS

Preterm Birth Rate

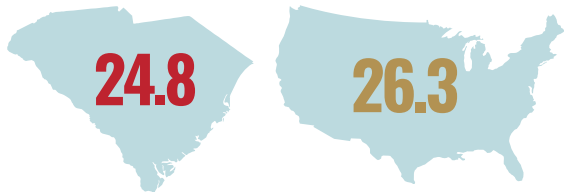


**PRETERM
BIRTH
GRADE**

F

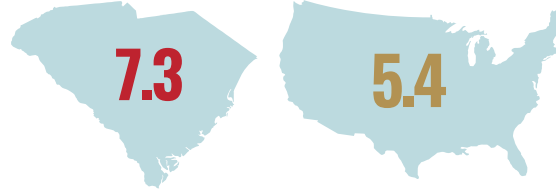
GRADE GREATER THAN
OR EQUAL TO 11.5%

Low-Risk Cesarean Births



PERCENT

Infant Mortality Rate

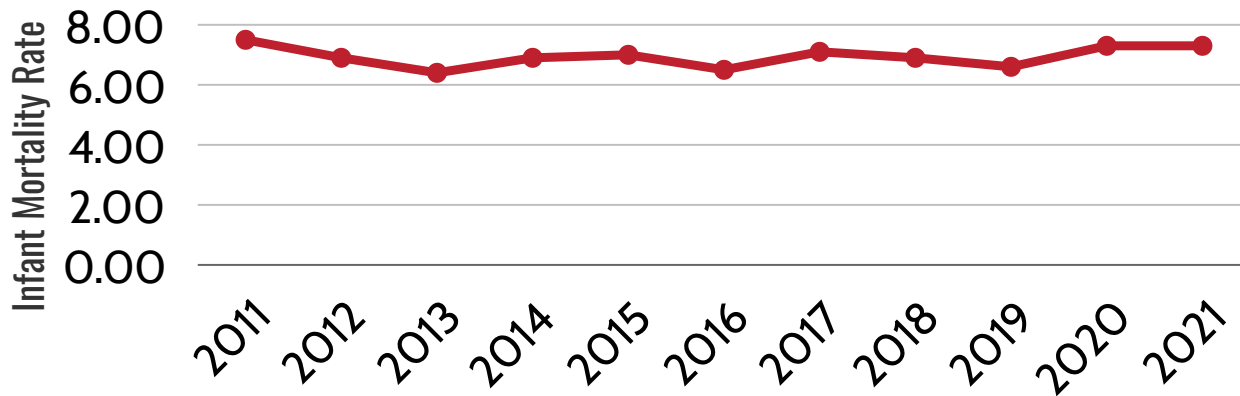


PER 1,000 BIRTHS

Inadequate Prenatal Care

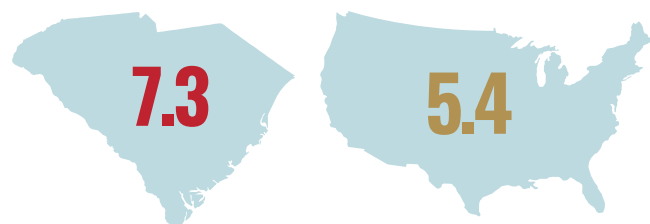


PERCENT

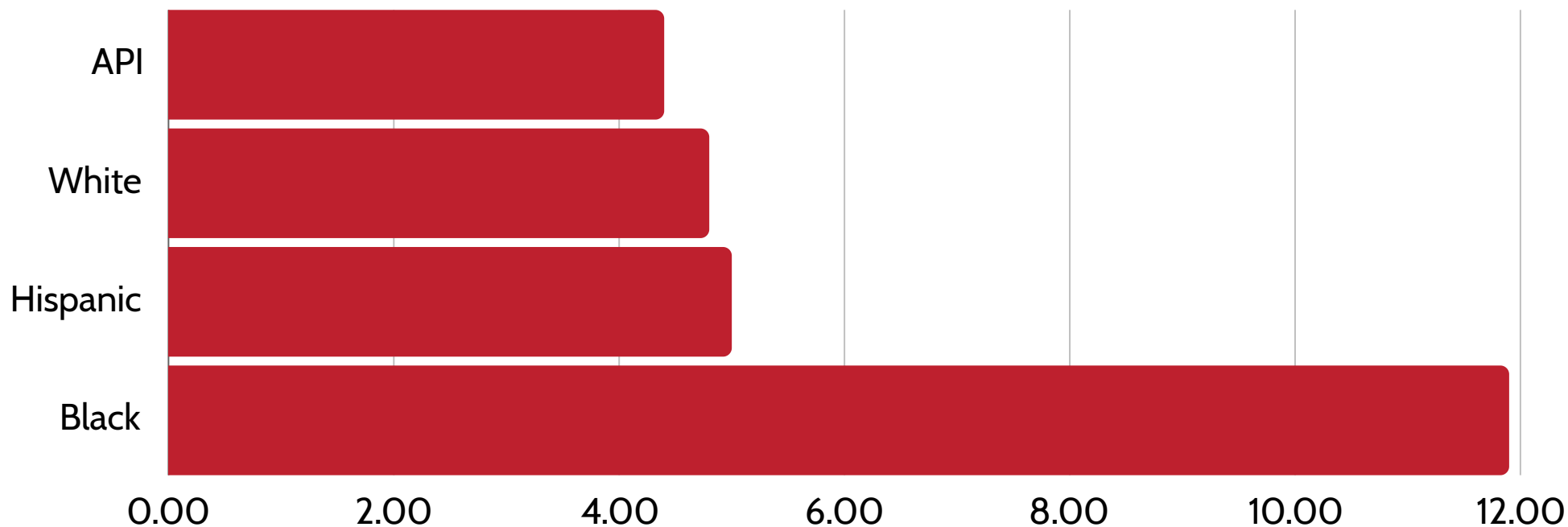


Infant Mortality Rate per 1,000 Live Births (2019-2021)

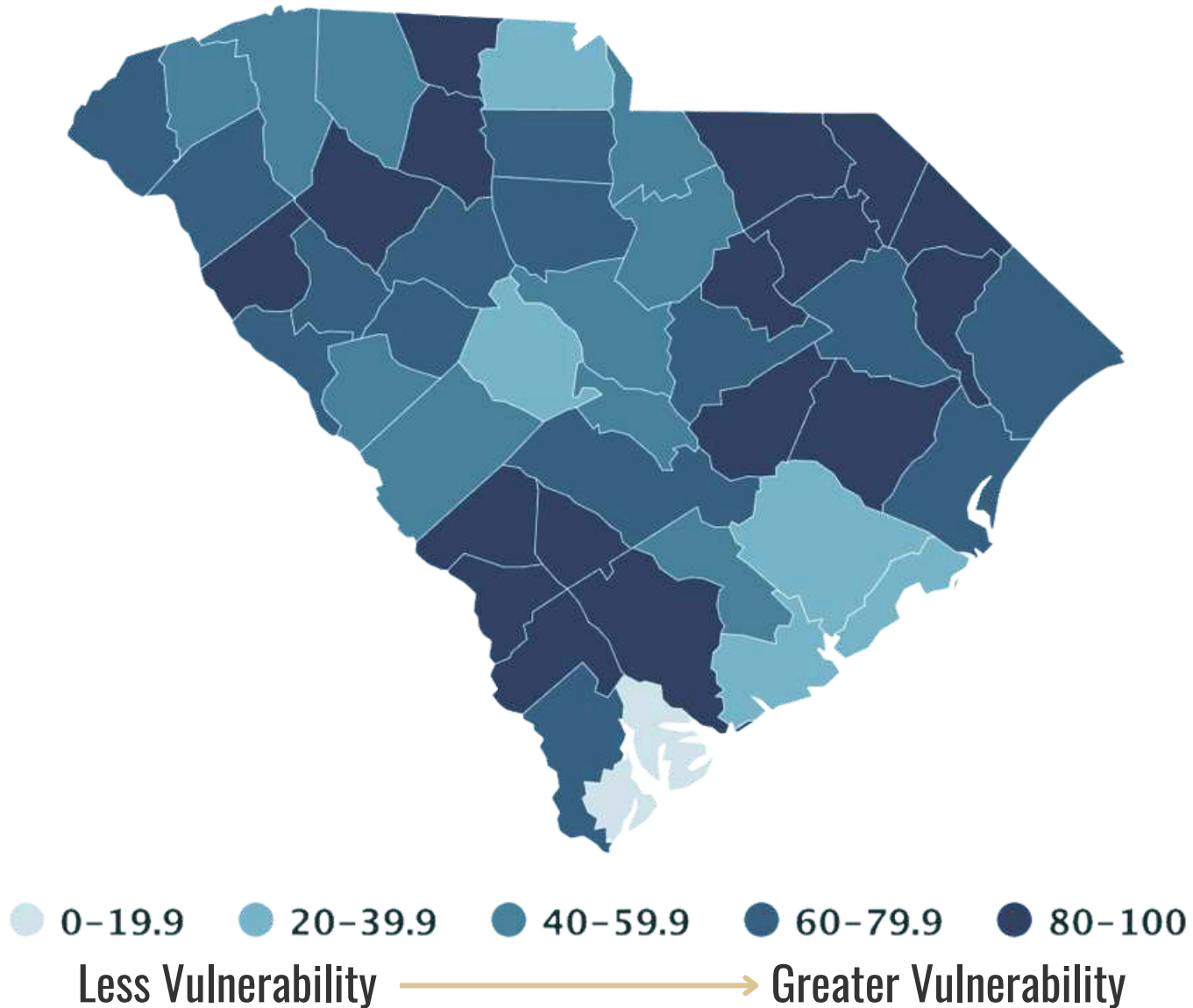
Infant Mortality Rate



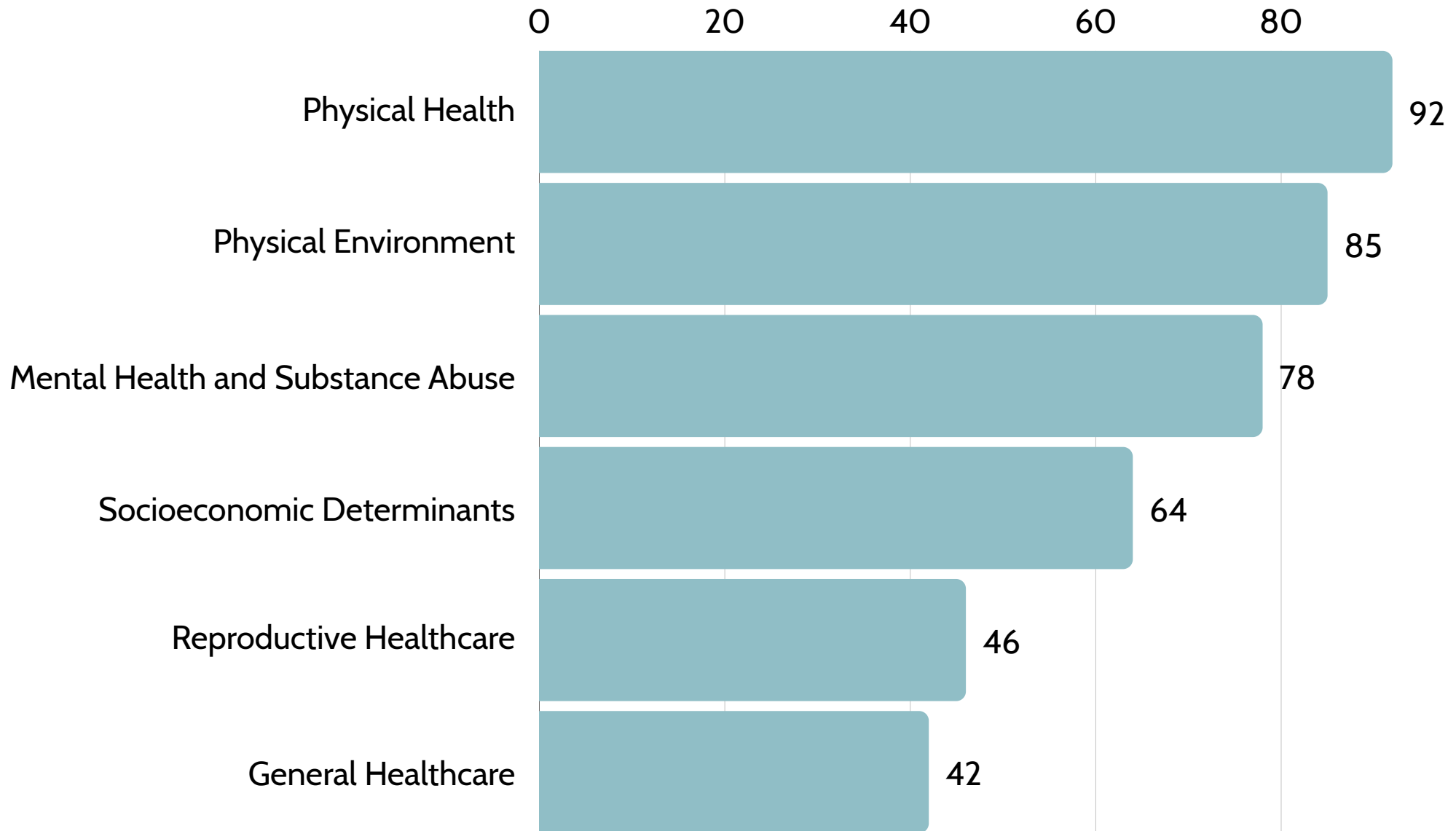
The infant mortality rate among babies born to **Black birthing people is 1.6x** the state rate



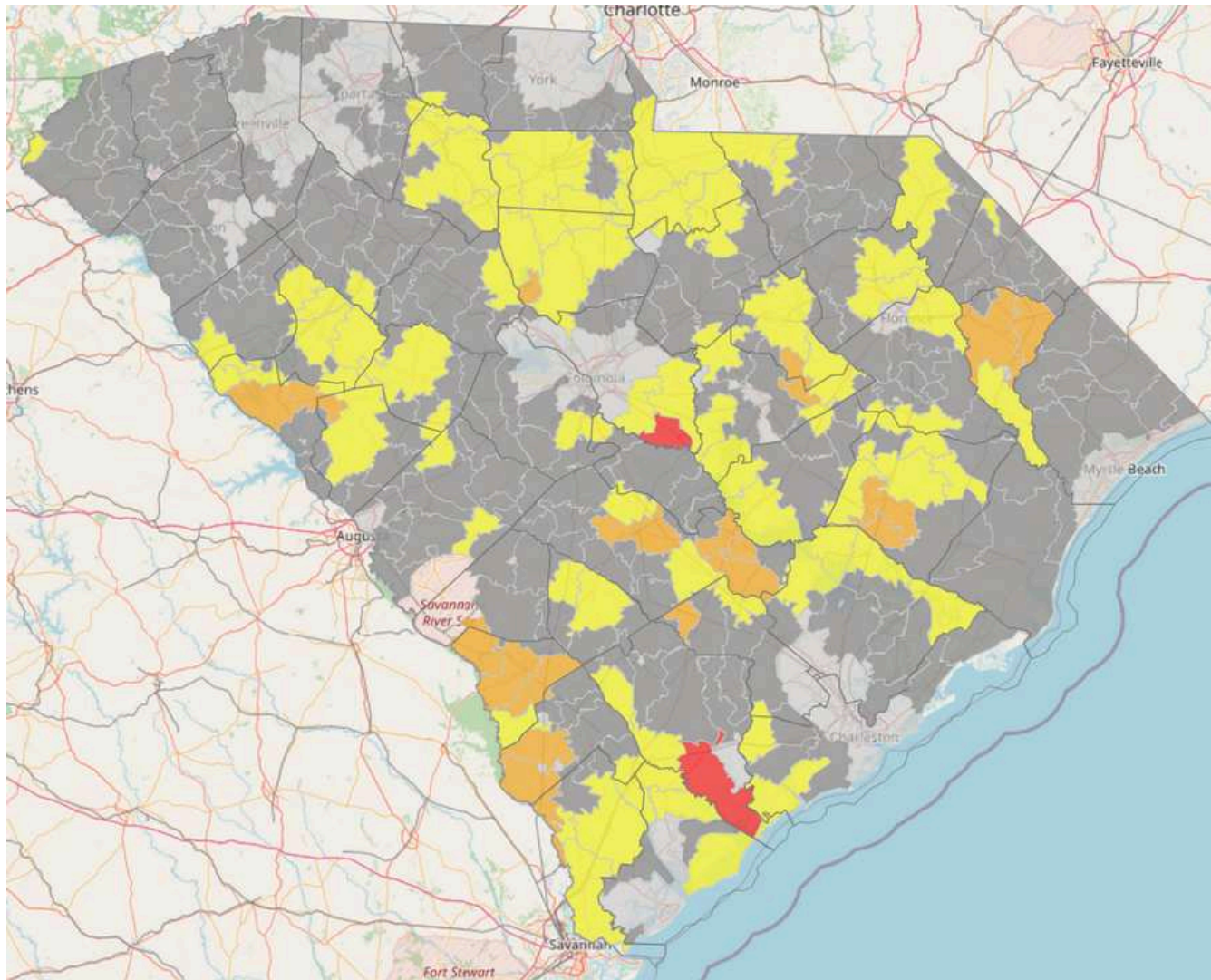
Maternal Vulnerability Index by County (2023)



Factors Related to Maternal Vulnerability (2023)



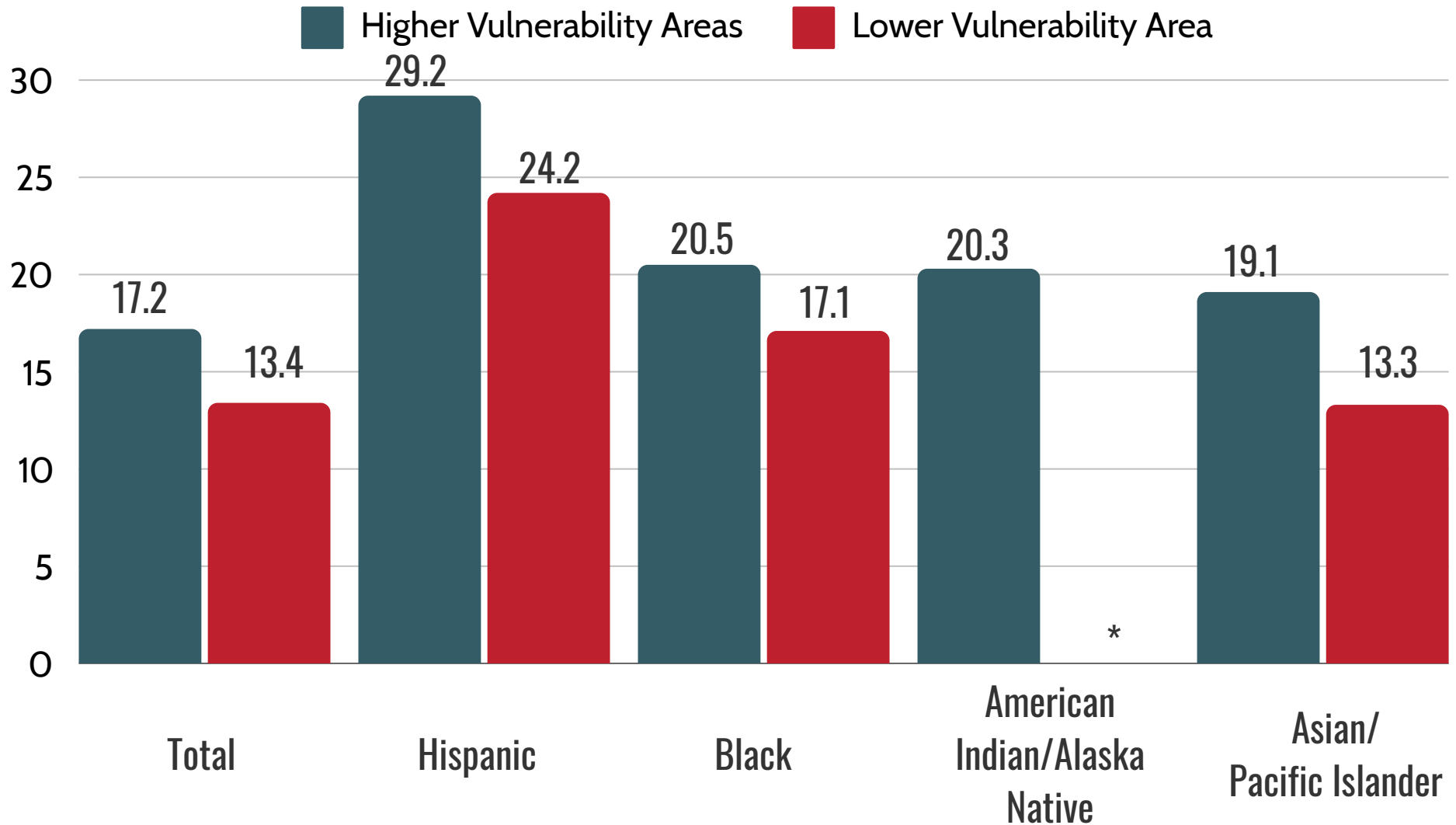
Composite Index



The Composite Index depicts Zip Codes meeting more than one indicator (experience of black birthing mothers, prenatal care, NICU placement) demonstrating opportunity to invest additional measures to support expectant mothers.

- 1 Indicator
- 2 Indicators
- 3 Indicators

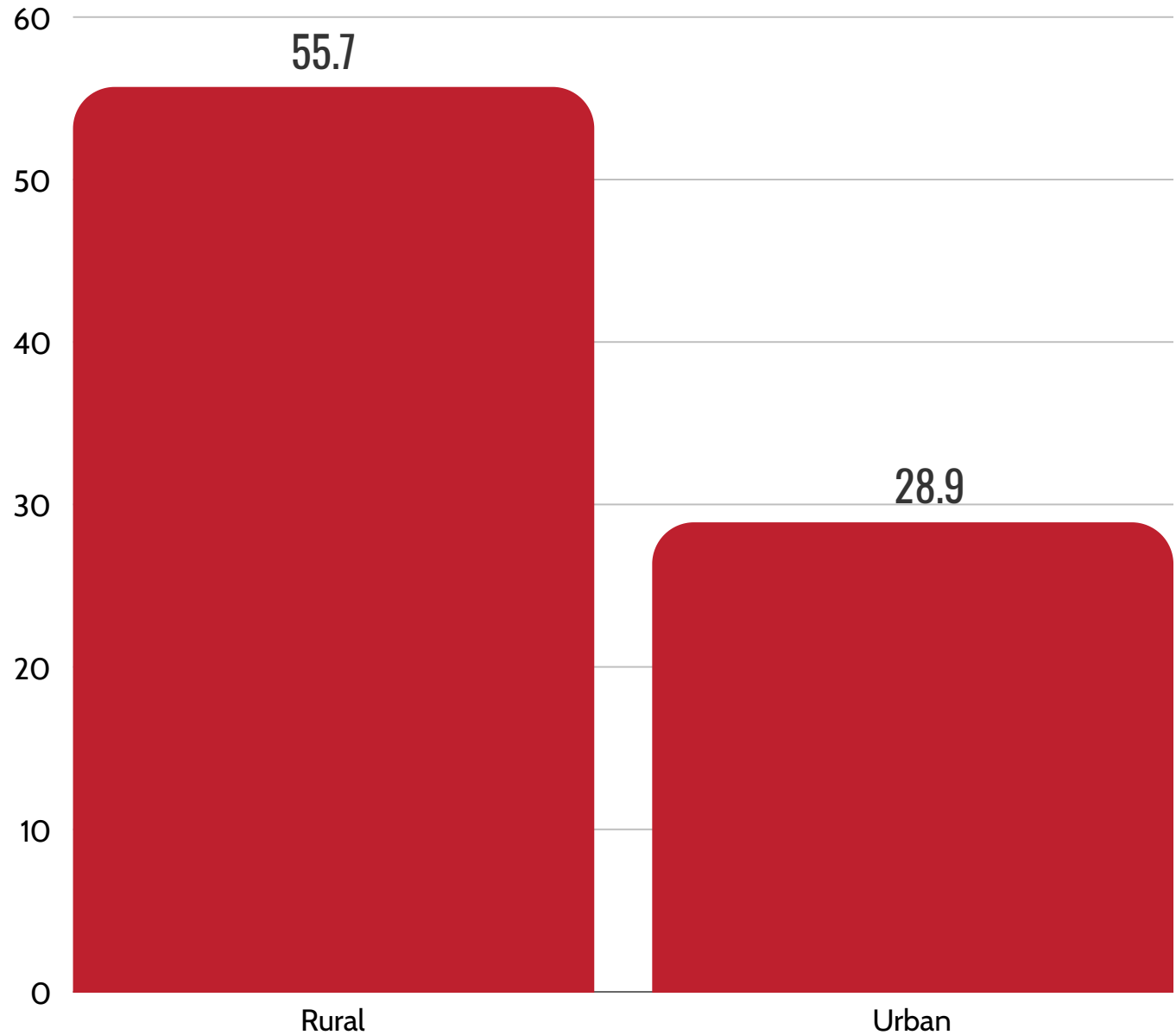
Inadequate Prenatal Care by Race/Ethnicity and Environmental Vulnerability



Pregnancy-Related Mortality Rate by Rurality

Pregnancy-Related Mortality Rate by Rurality

Rate per 100,000 live births (2018-2020)



Source: <https://scdhec.gov/sites/default/files/Library/CR-013357.pdf>

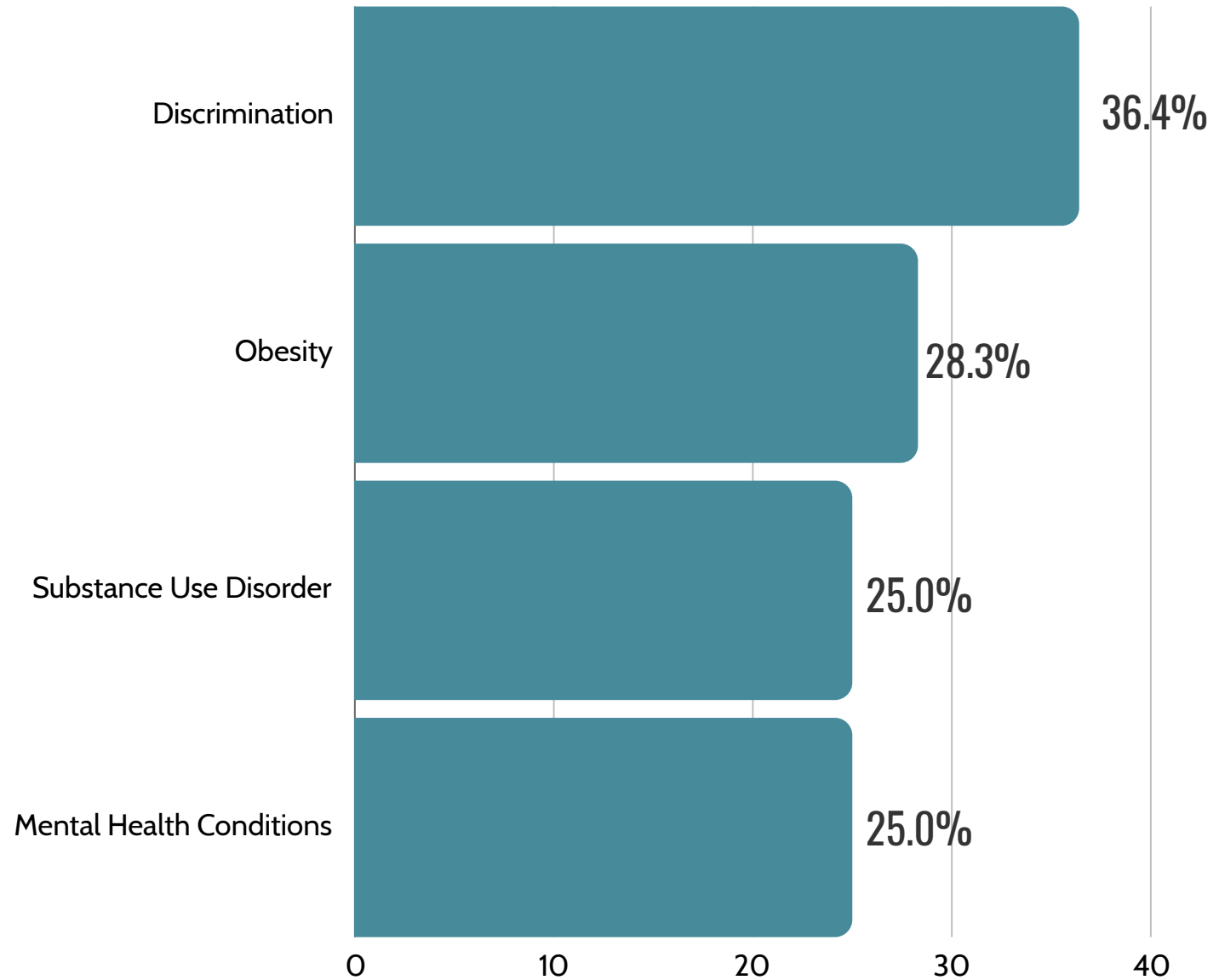


South Carolina Institute of Medicine & Public Health

Circumstances of Pregnancy Related Deaths

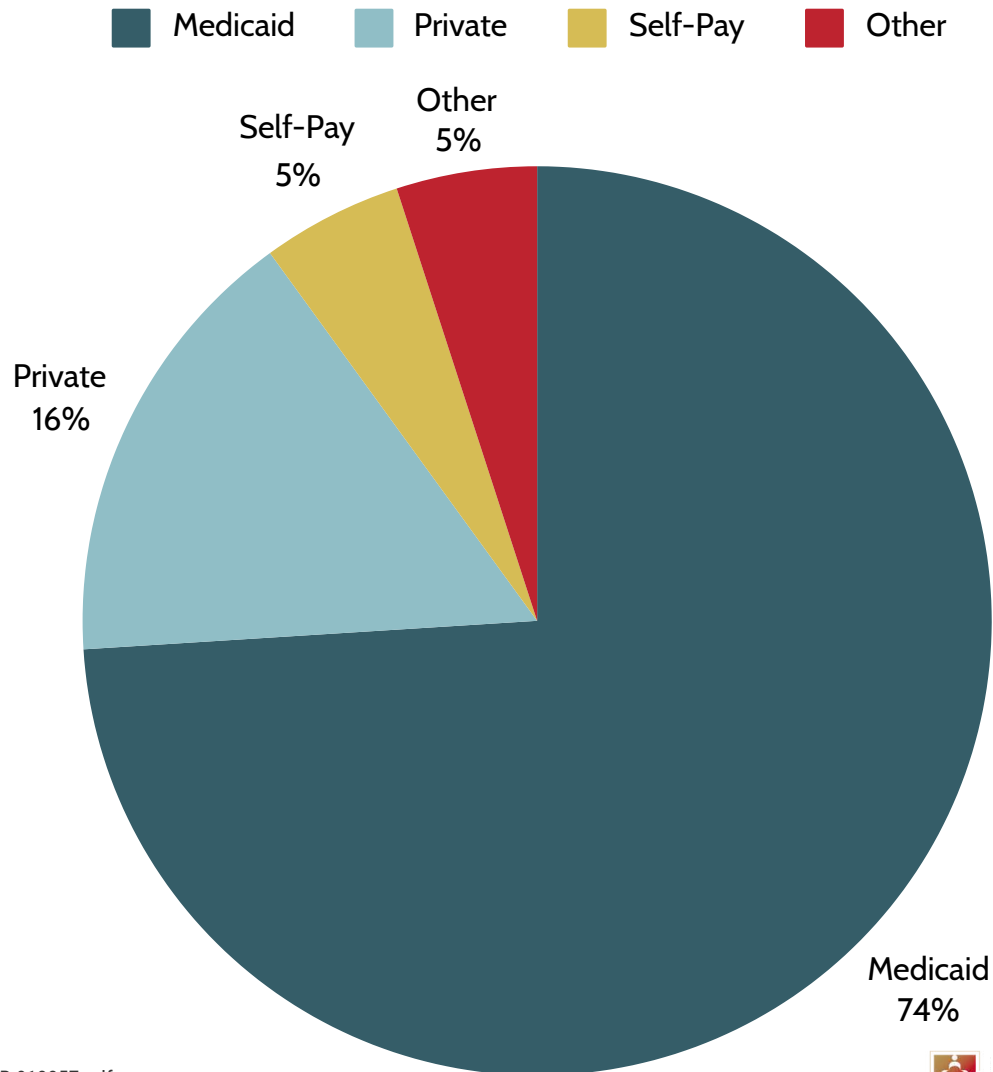
Circumstances of Pregnancy-Related Deaths

Percent of Pregnancy Related Deaths (2018-2020)

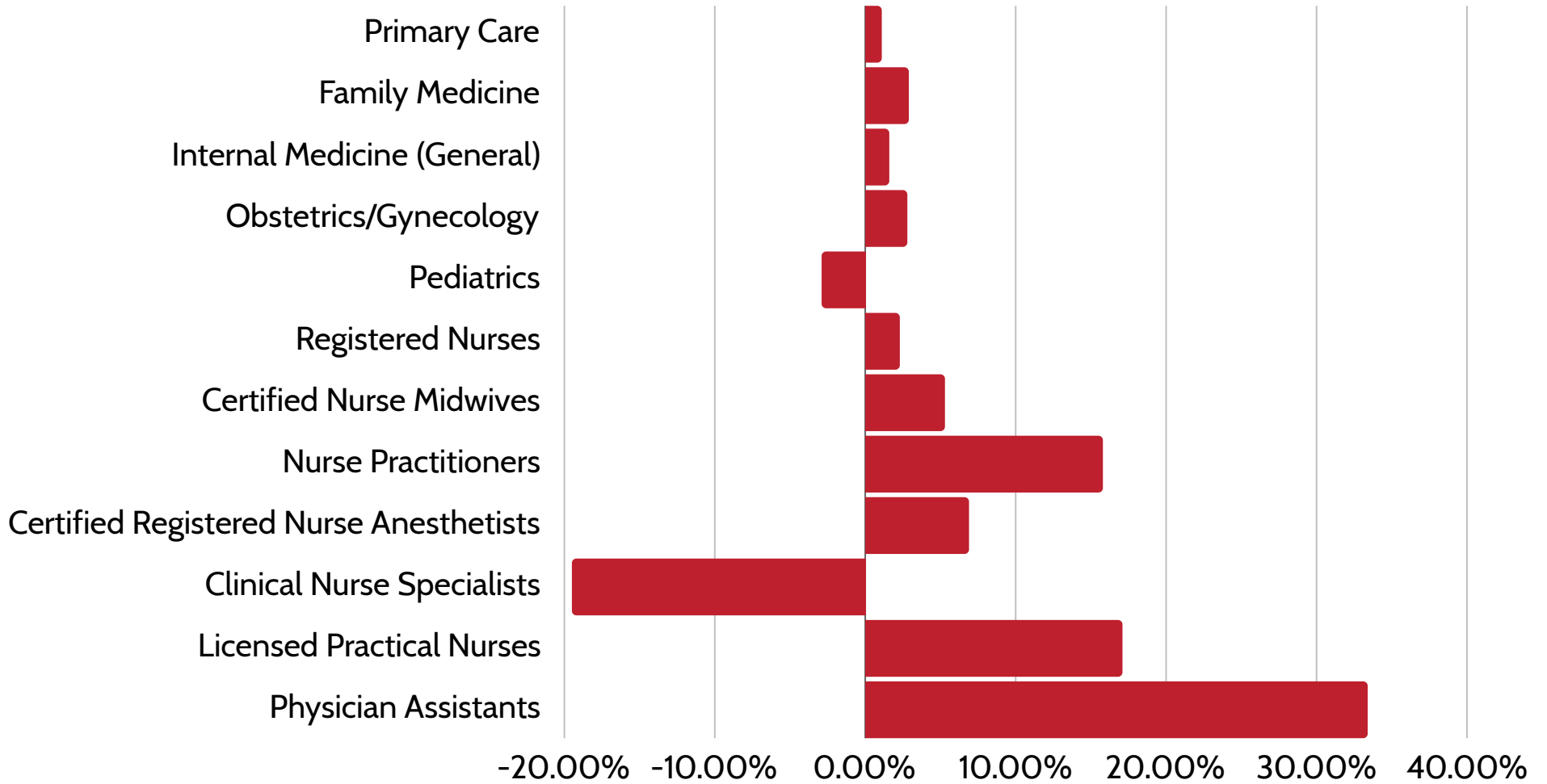


Pregnancy-Related Deaths by Payor

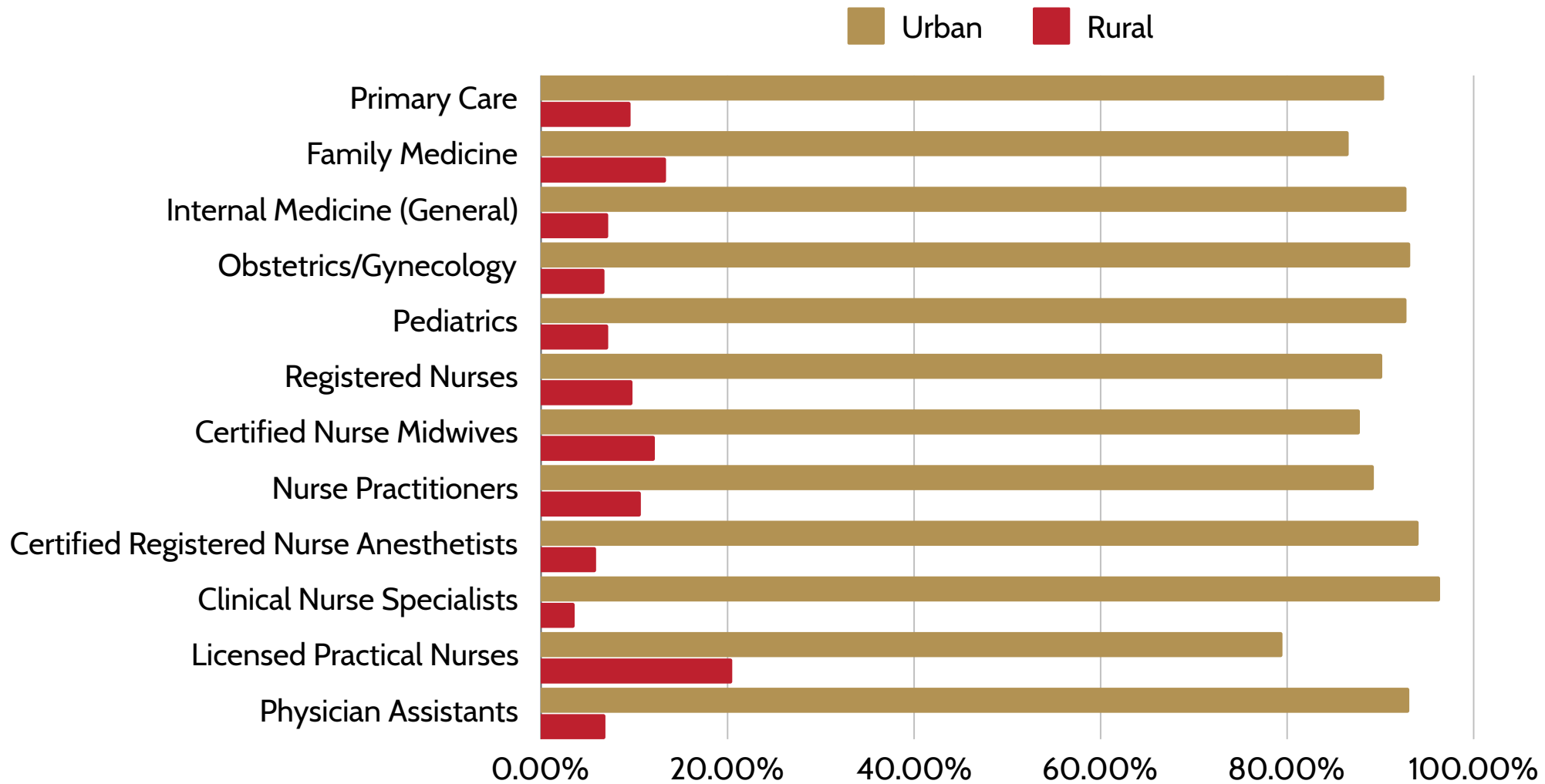
Percent of Pregnancy Related Deaths (2018-2020)



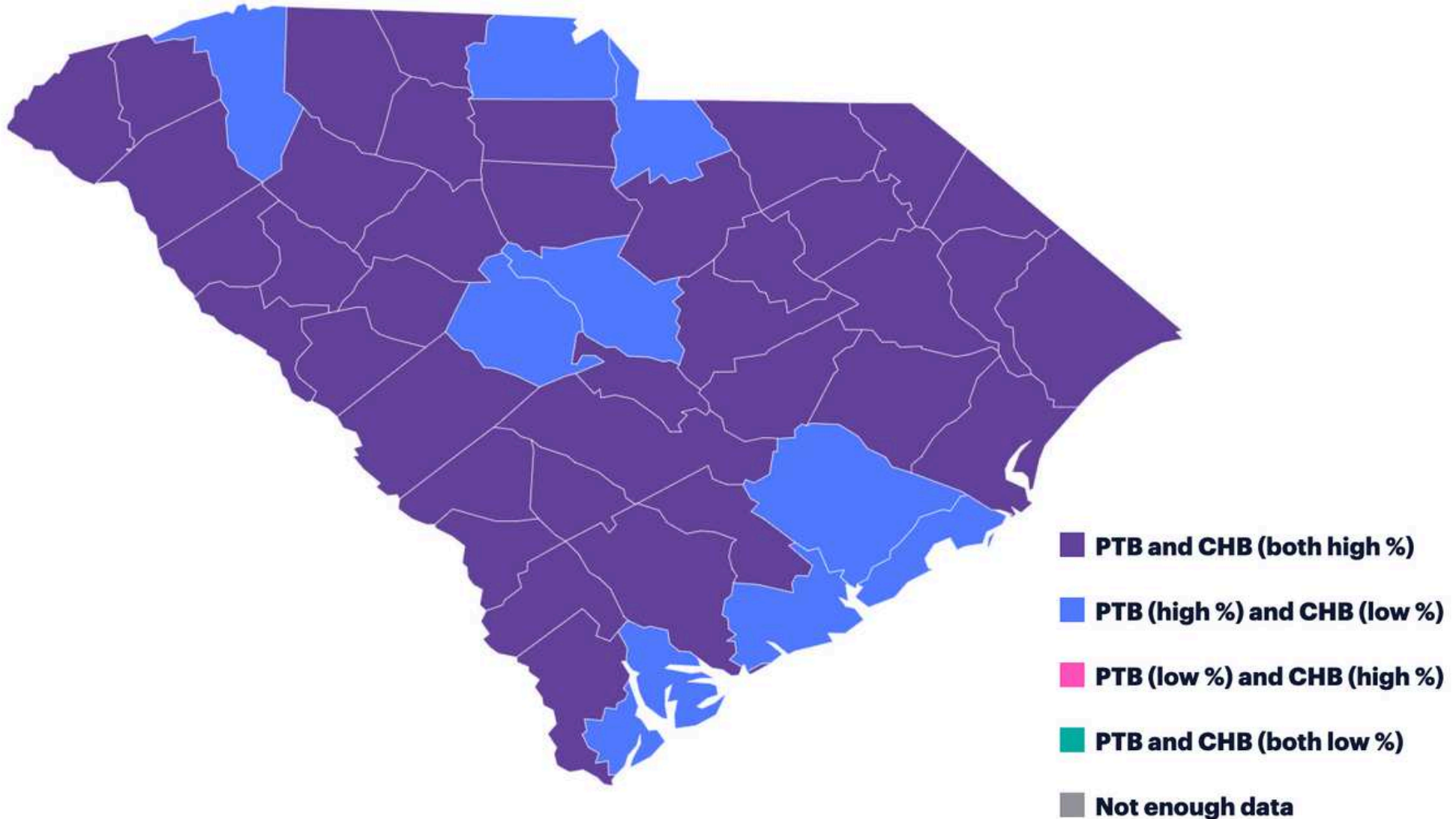
Percent Change in the Ratio of Licensed Health Professionals per 10,000 Population, 2019/2020 to 2021/2022



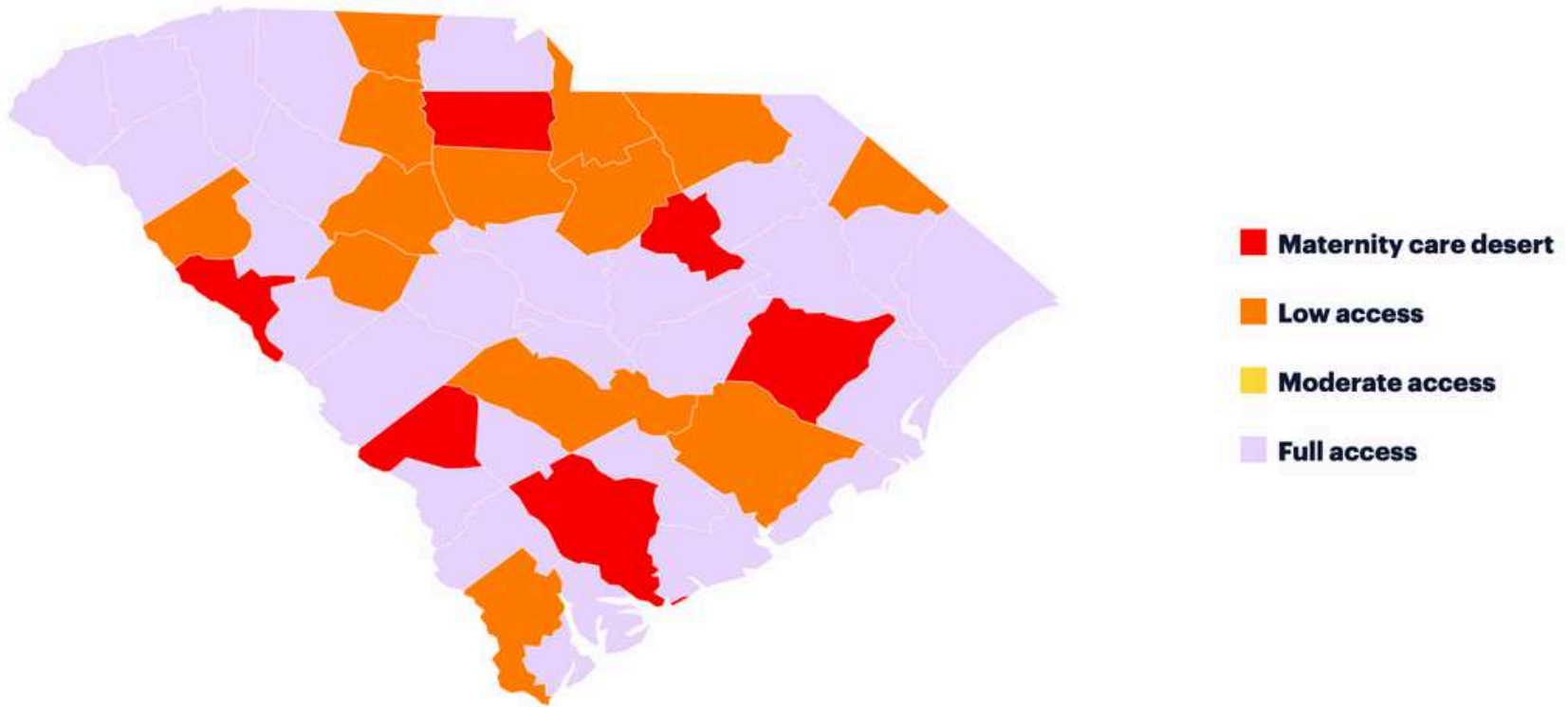
Rural/Urban Differences in Provider Supply



Chronic Health Burden (CHB) and Preterm Birth (PTB) by County



Maternity Care Deserts

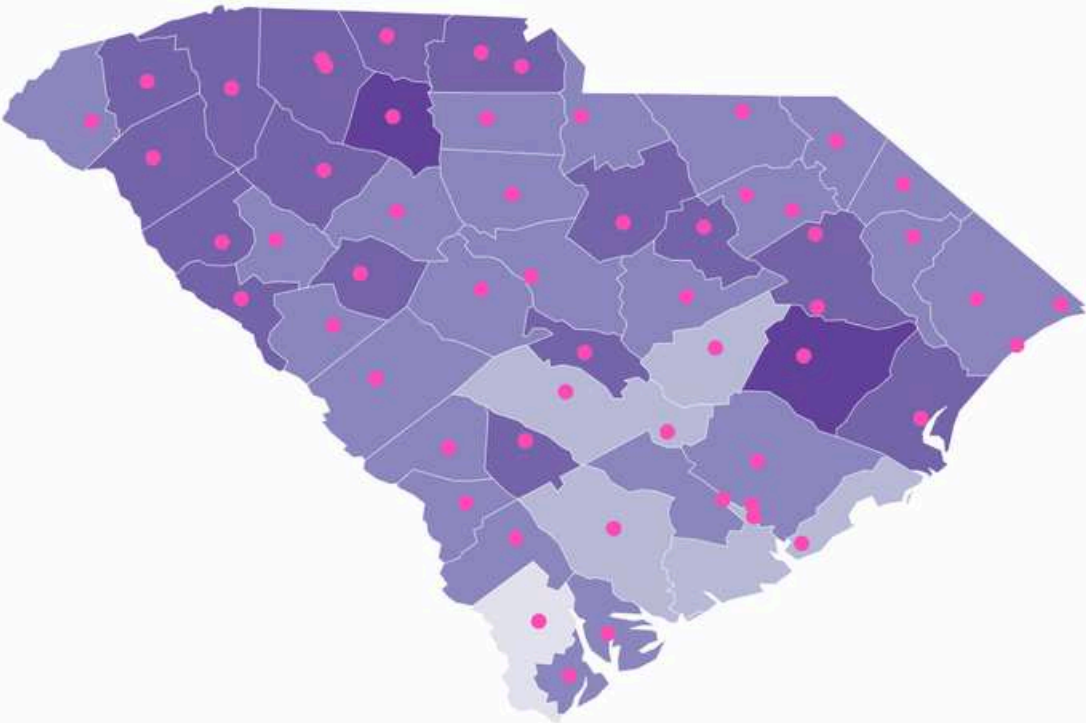


Definitions of maternity care deserts and access to maternity care

Definitions	Maternity care deserts	Low access to maternity care	Moderate access to maternity care	Full access to maternity care*
Hospitals and birth centers offering obstetric care	zero	<2	<2	≥2
Obstetric Providers (obstetrician, family physician†, CNM/CM per 10,000 Births)	zero	<60	<60	≥60
Proportion of women 18-64 without health insurance	any	≥10%	<10%	any

Availability of Family Planning Services

Reproductive maternal vulnerability and Title X clinic location



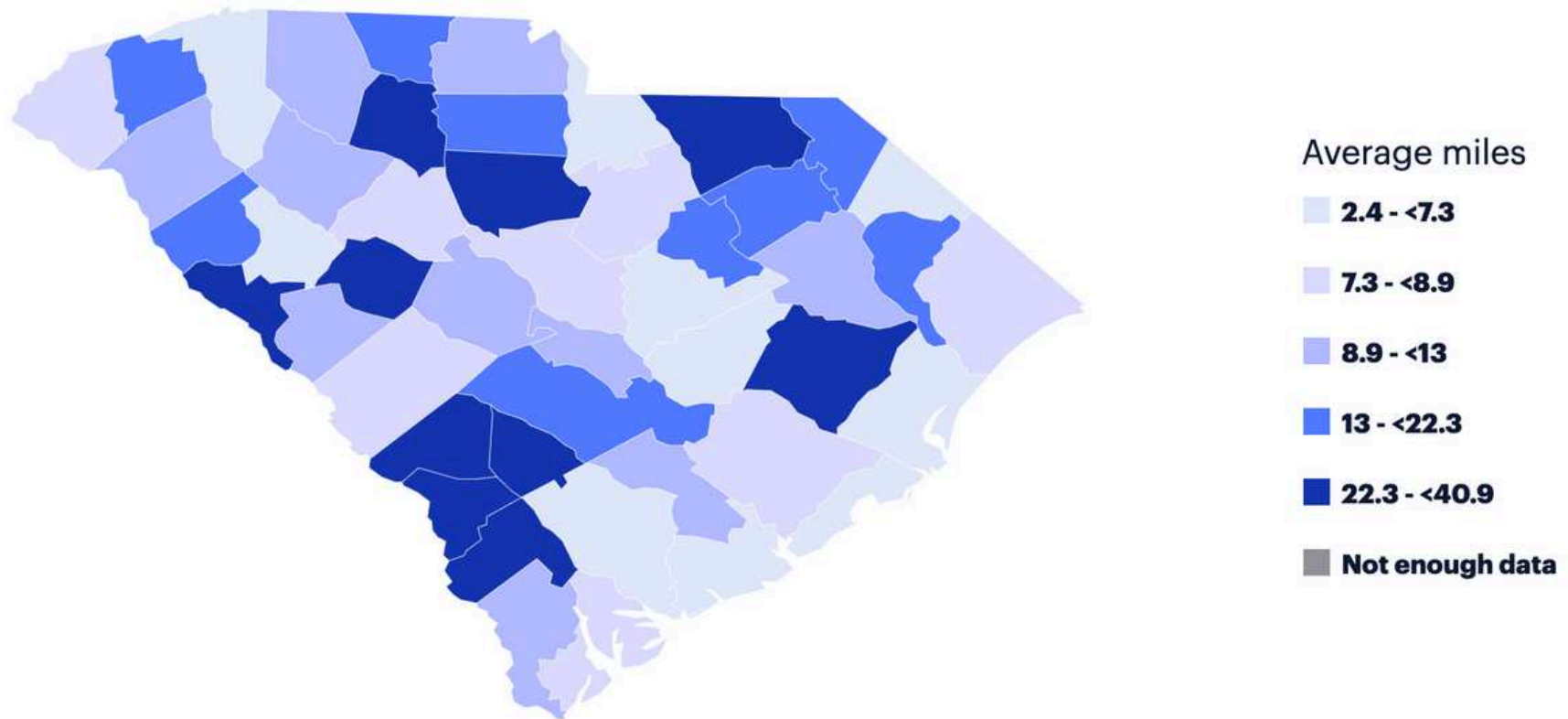
Reproductive Maternal Vulnerability

- Very low
- Low
- Moderate
- High
- Very high
- Title X locations

Source: <https://www.marchofdimes.org/peristats/reports/south-carolina/maternity-care-deserts>

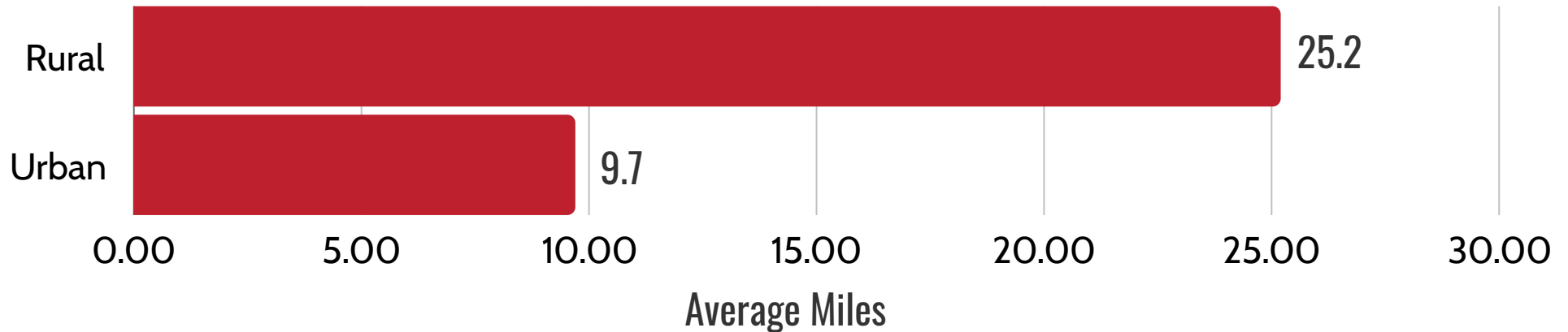
Distance to Maternity Care

Distance to birthing hospital by county

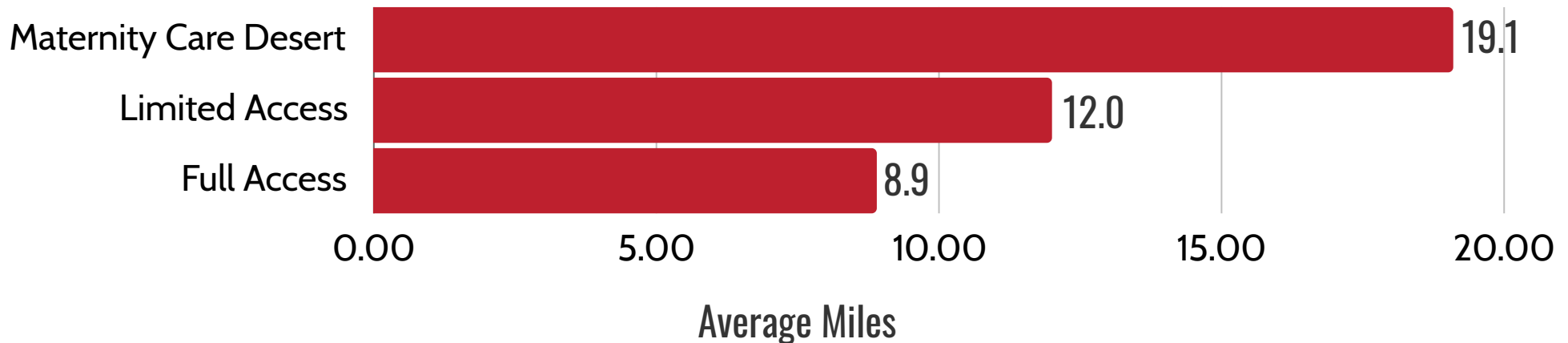


Distance to Maternity Care

Distance to Care by Rurality



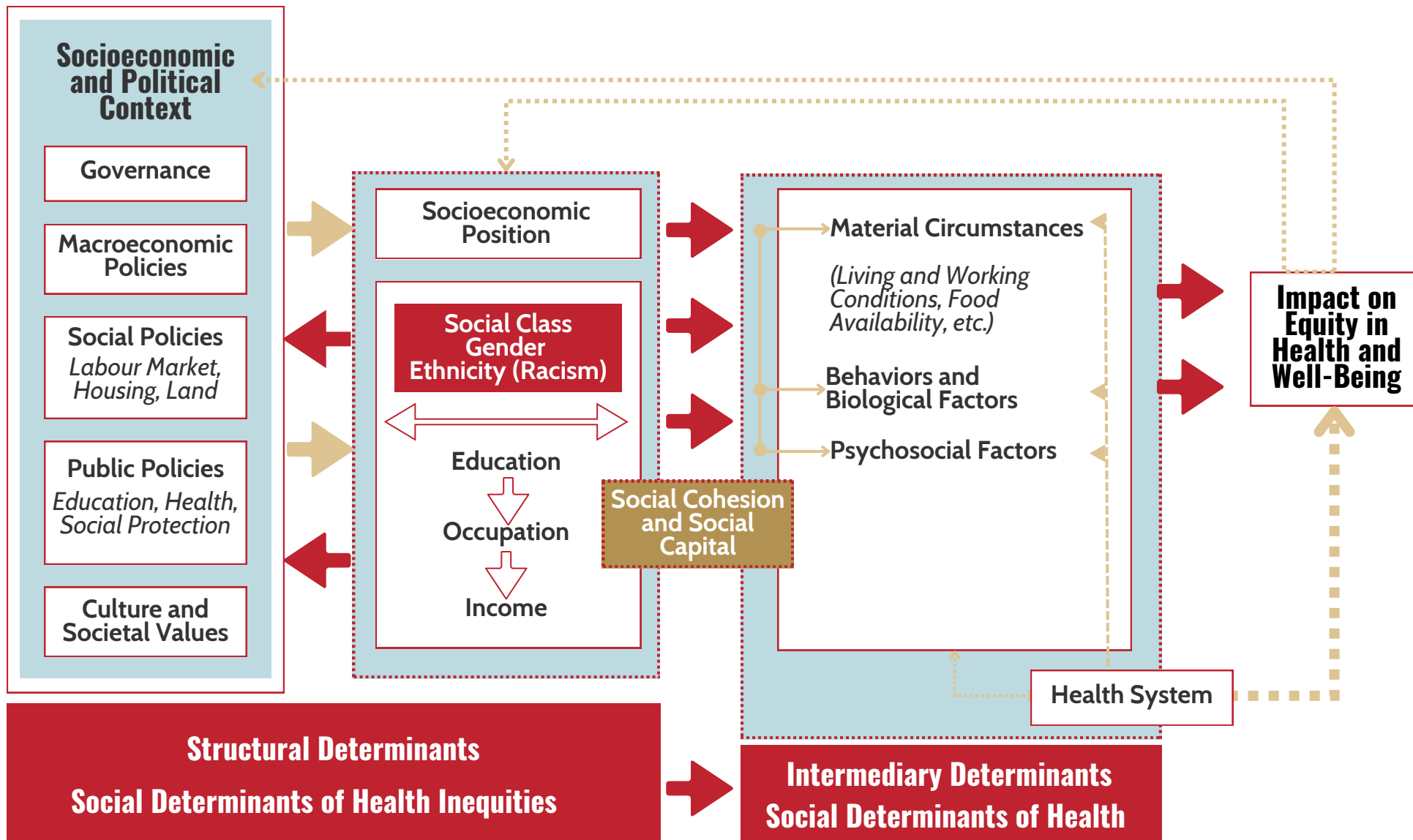
Distance to Care by Maternity Care Access



Contextualizing Data



Conceptual Framework for Social and Structural Determinants of Maternal and Infant Health in South Carolina



Looking Ahead

What additional information is needed to....

- Ensure our recommendations are well supported and integrate strategies across all three levels of prevention (*Primary, Secondary, Tertiary*)
- Foster alignment between taskforce goals and objectives
- Inform and refine our conceptual framework throughout the entire taskforce process
- Support a narrative that effectively communicates the insights derived from qualitative data and individuals with lived experience
- Create opportunities to improve data collection efforts at the strategy level



**Please use this QR code to
provide feedback!**



Thank You!

