

***Midwifery: An Evidence-Based Solution for
Disrespect, Racism, and Other Challenges in
Maternity Care***



Ebony Marcelle
CNM, MS, FACNM
Director of
Midwifery at
Community of
Hope



Holly Powell Kennedy
PhD, CNM, FACNM,
FAAN, midwifery
researcher and
Varney Professor of
Midwifery at Yale
School of Nursing



Eugene R. Declercq
PhD, MBA, Professor of
Community Health
Sciences, Boston
University School of
Public Health

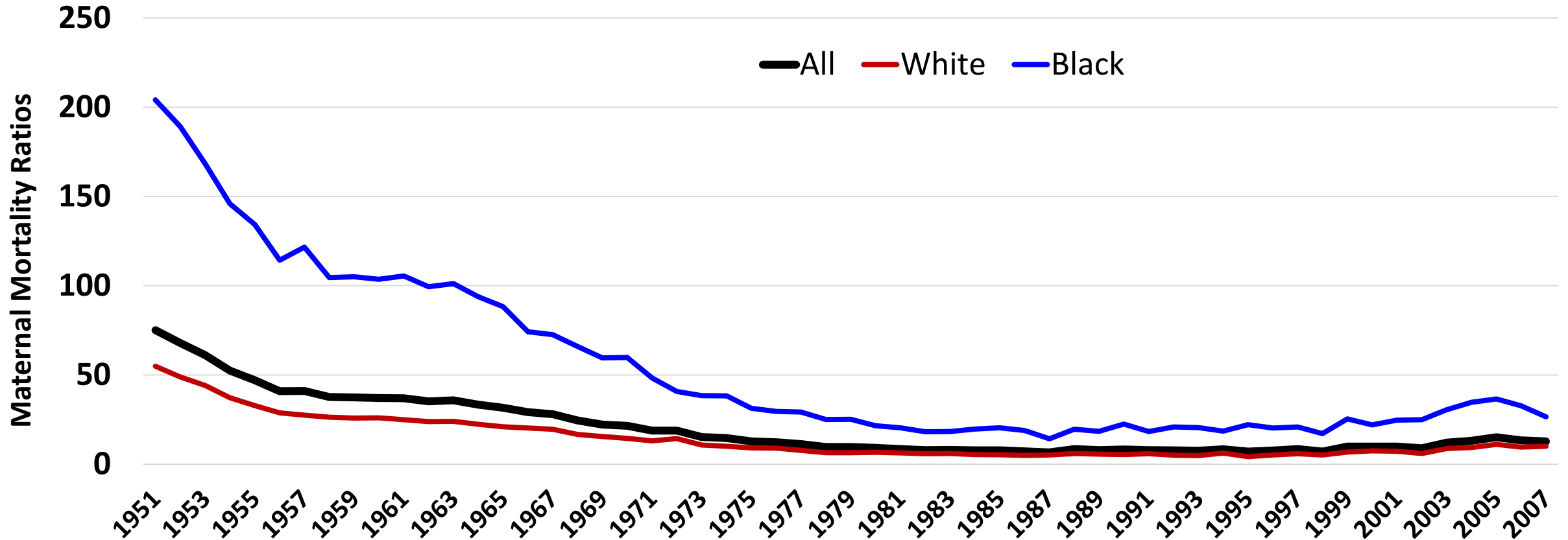
**Gene's Slides
April 29, 2021**

4 Points to Consider Concerning Inequities and Poor Outcomes in U.S. Perinatal Health

1. *These problems date back as long as we've measured perinatal outcomes*
2. *It's about more than maternal mortality*
3. *It is about racism*
4. *What role can midwives play in solving these problems?*

(1) The Problems are Not New

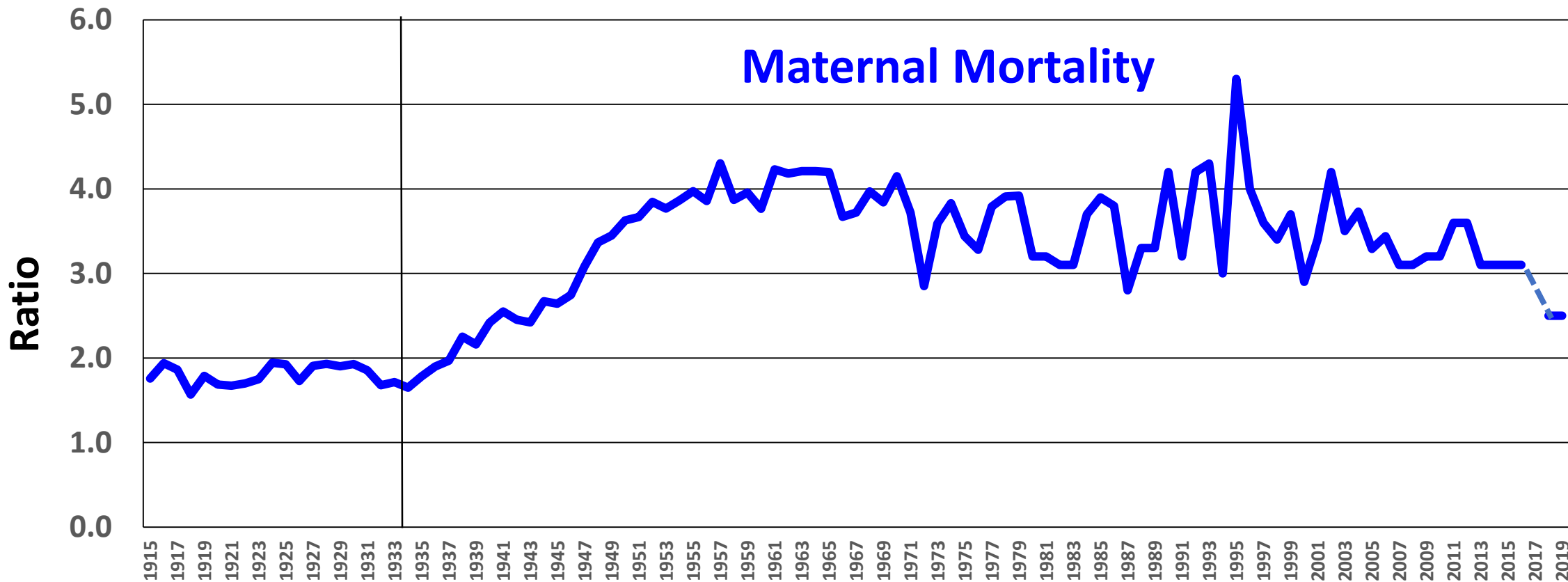
U.S. Maternal Mortality (per 100,000 live births), 1951-2007 by Race



Source: NCHS. Maternal Mortality and Related Concepts. Vital & Health Statistics. Series 33; #3. & annual data reports. 1915-1960 data from NCHS. *Vital Statistics Rates In The United States 1940-1960*. NOTE: Shifts in measurement (e.g. not all states were part of registration system prior to 1933; infant race was based on race of the child until 1980 & then race of the mother post 1980) accounts for some of the variation over time. 2007-2016 based on 2 year estimates of the pregnancy related mortality rate: Petersen E. *MMWR*.9/6/19.

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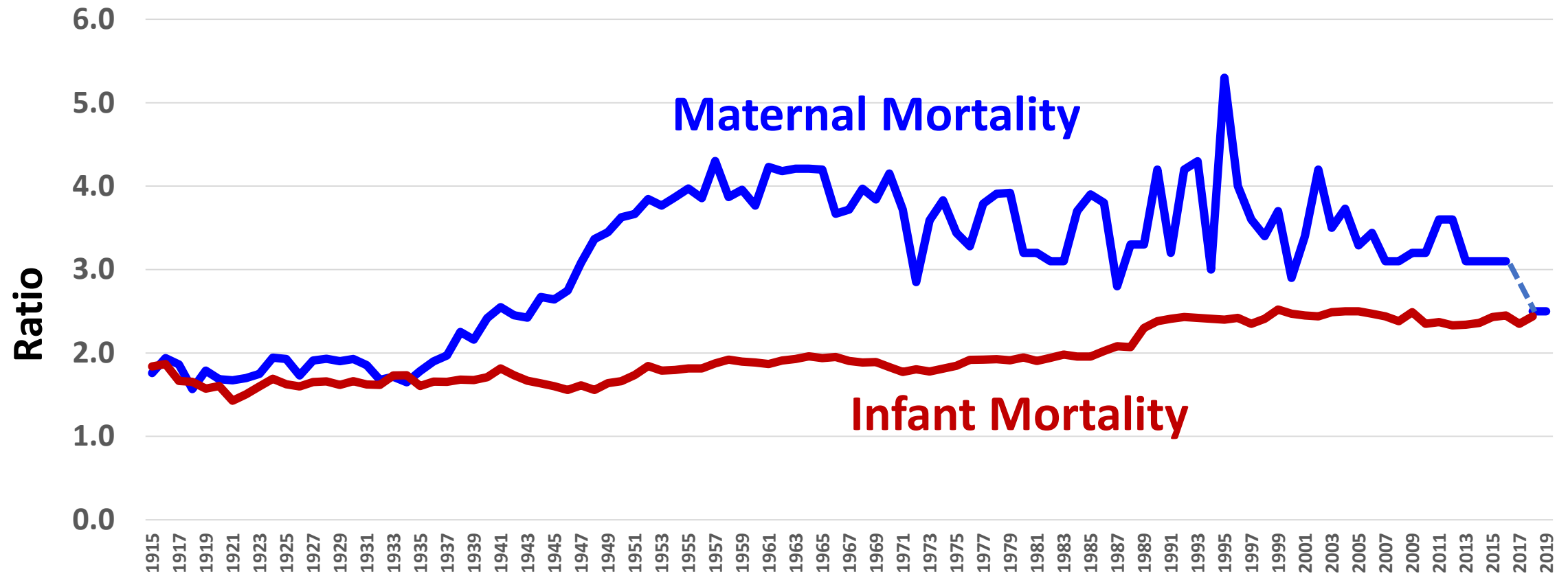
Black to White Ratios, U.S. Maternal Mortality, 1915-2019



Source: NCHS. Maternal Mortality and Related Concepts. Vital & Health Statistics. Series 33; #3. & annual data reports. 1915-1960 data from NCHS. *Vital Statistics Rates In The United States 1940-1960*. NOTE: Shifts in measurement (e.g. not all states were part of registration system prior to 1933; infant race was based on race of the child until 1980 & then race of the mother post 1980) accounts for some of the variation over time. 2007-2016 based on 2 year estimates of the pregnancy related mortality rate: Petersen E. *MMWR*.9/6/19.

(2) The Problems Involve More than Maternal Mortality

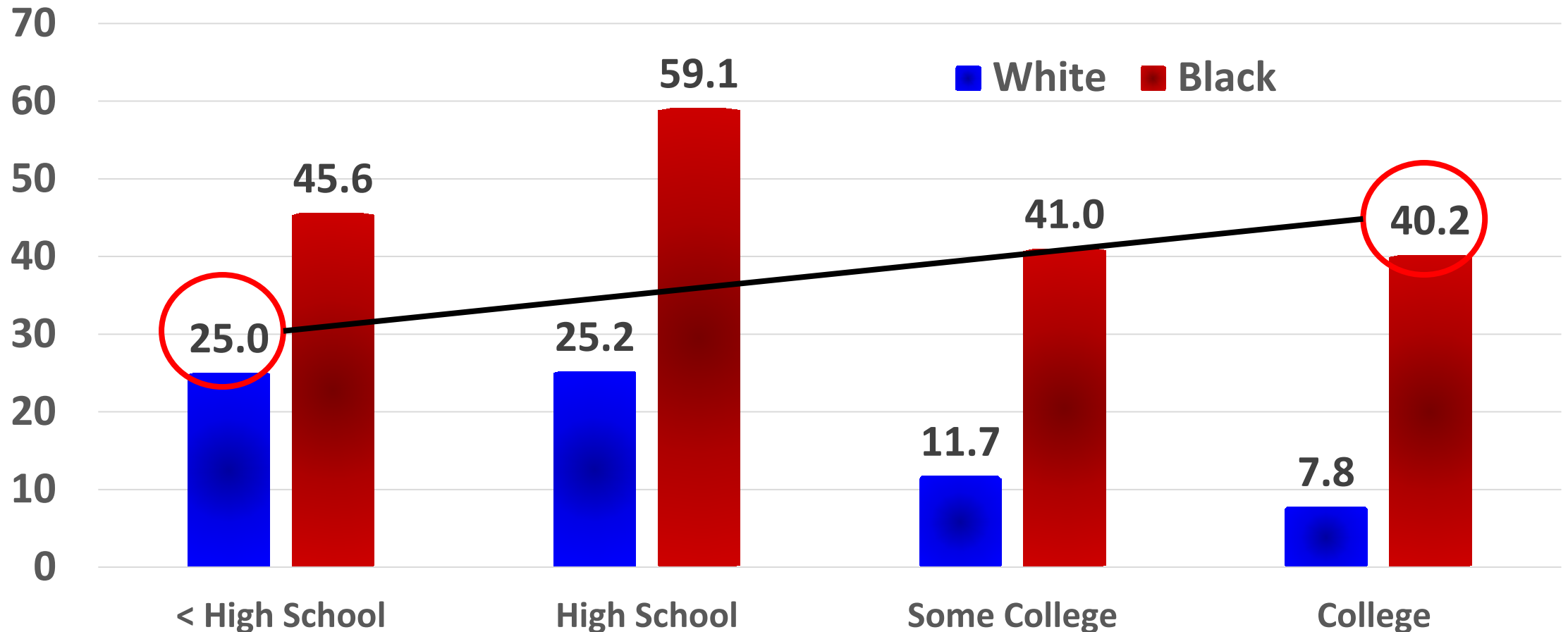
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(3) It is about race

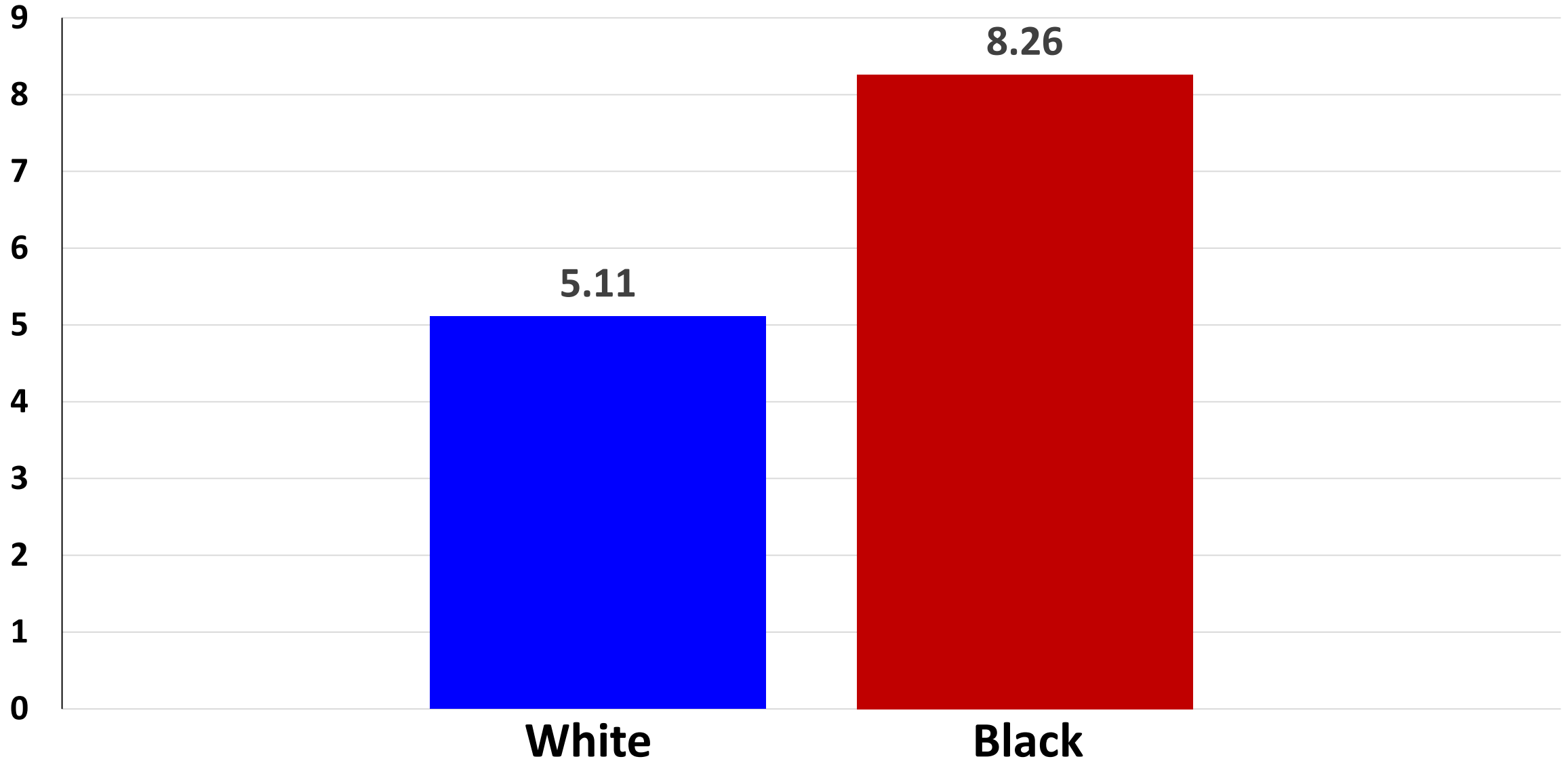
Pregnancy-related mortality ratios (per 100,000 live births) by race/ethnicity, U.S. 2007-16



Source: Petersen E et al. Racial/Ethnic Disparities in Pregnancy-Related Deaths — United States, 2007–2016. *MMWR* 2/7/19; 68 (35): 762-765.

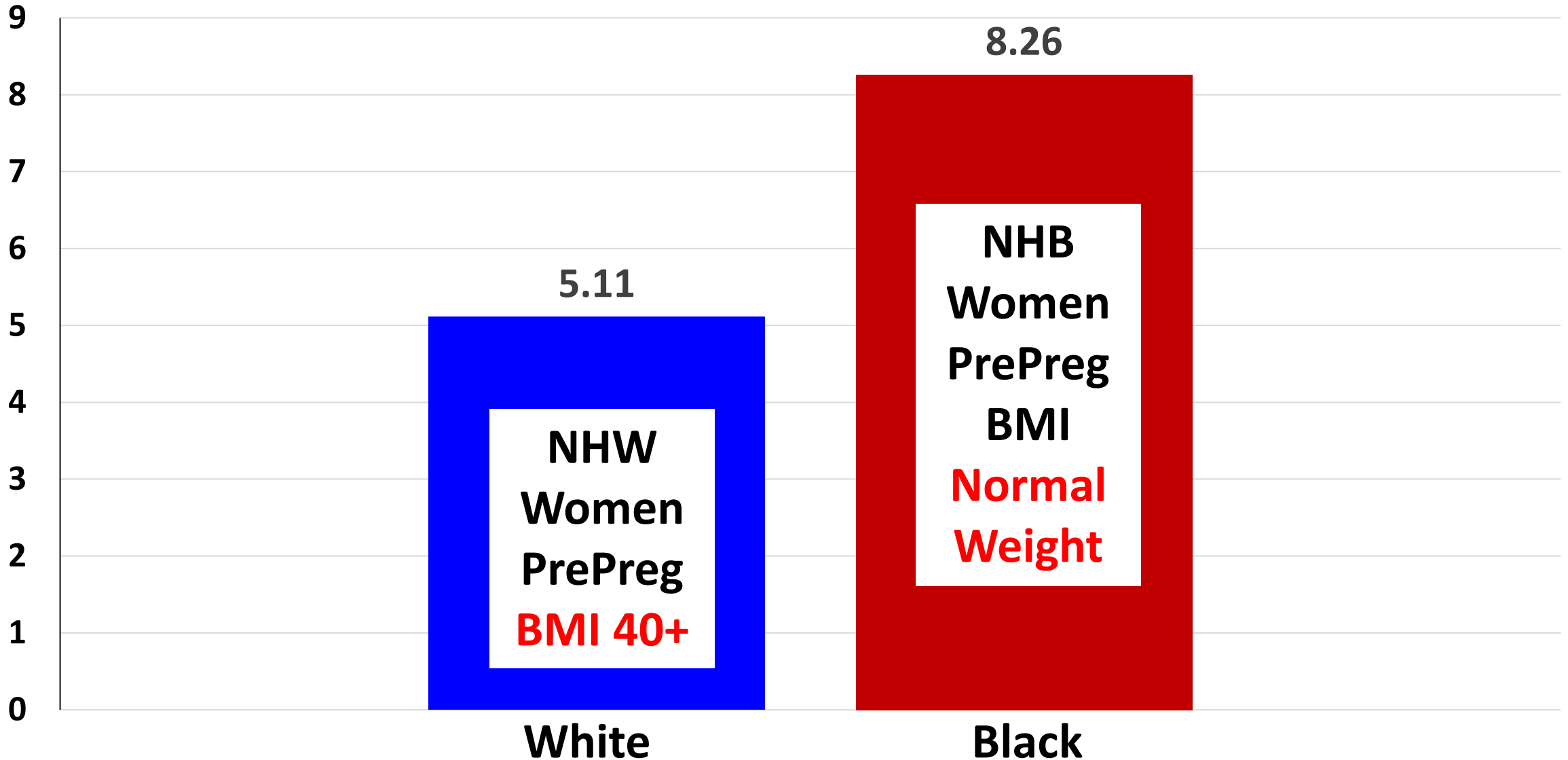
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Black and White Infant Mortality (per 1,000 births), 2018



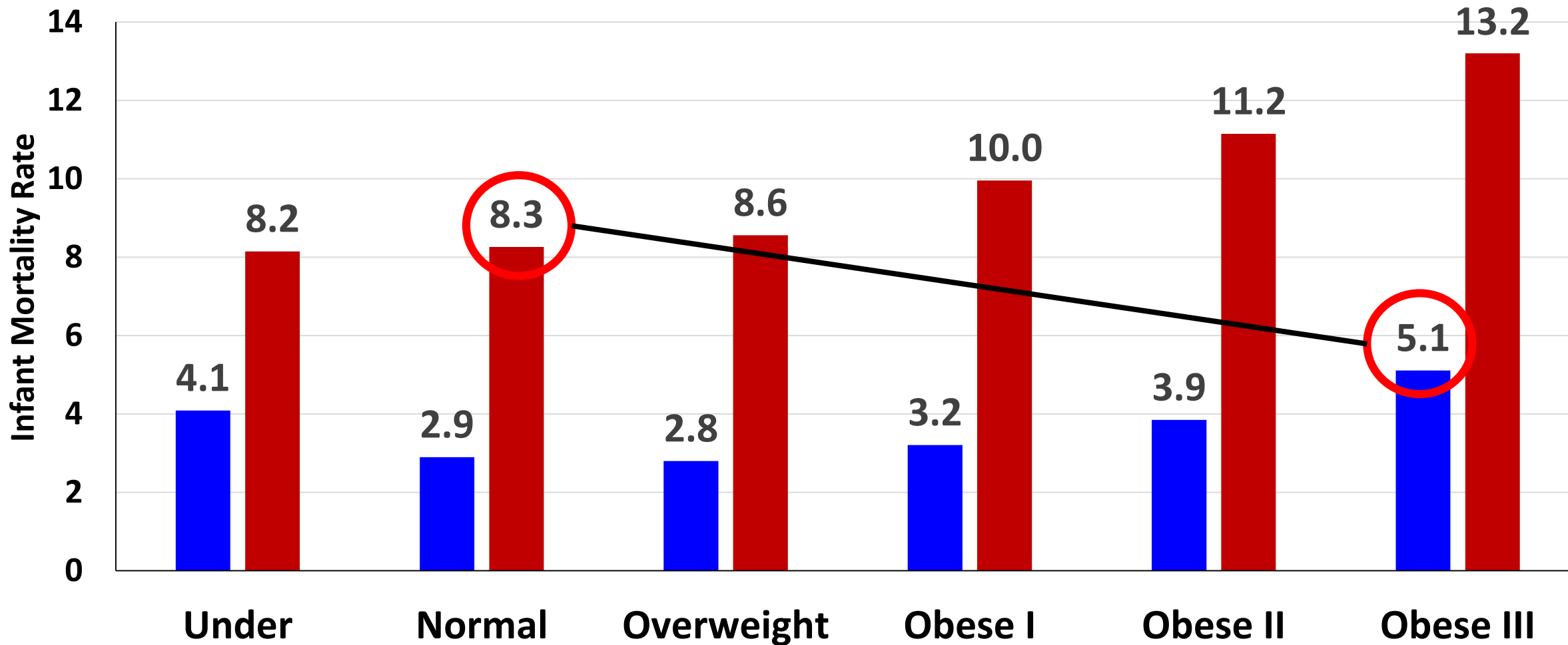
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Black and White Infant Mortality (per 1,000 births) & BMI, 2018



(3) It is about race

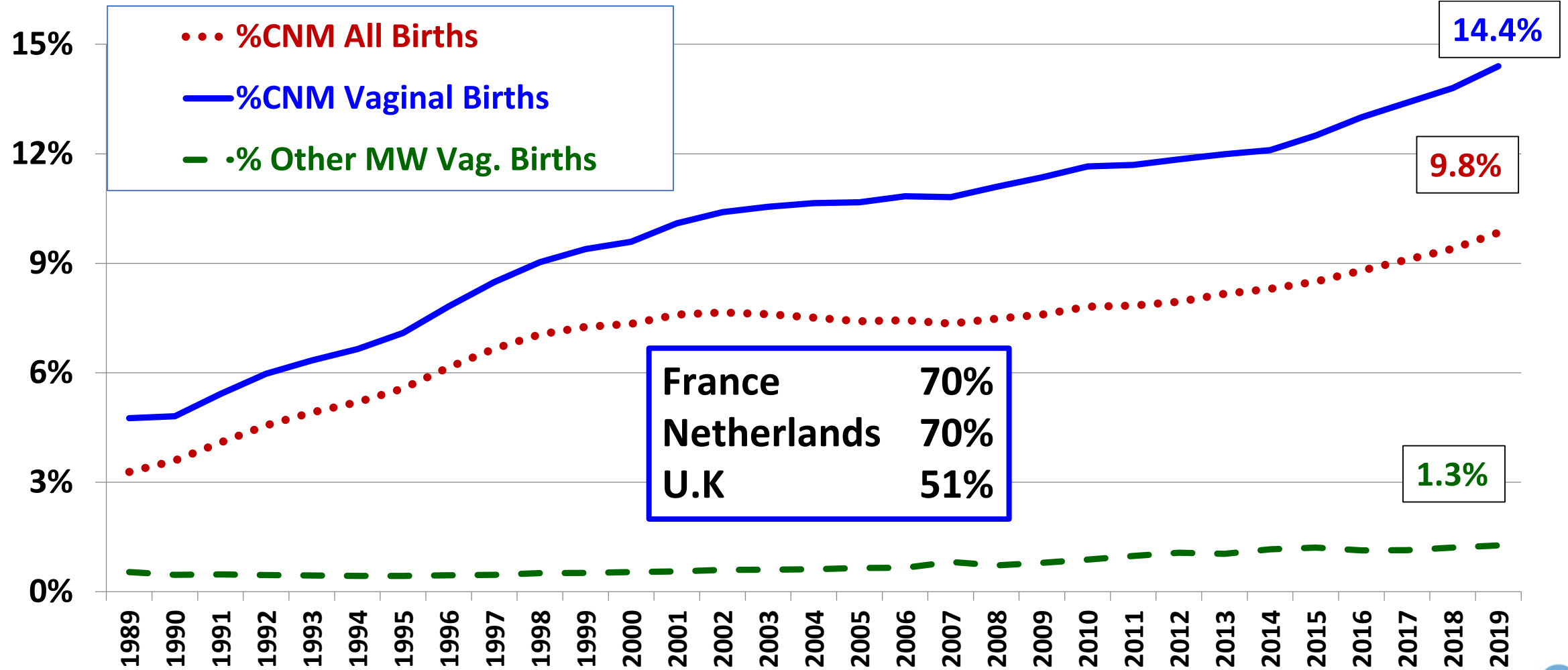
Infant Mortality (per 1,000 births) by Race & BMI, U.S., 2018



***How Can Midwives
Help Address Outcomes
and Inequities?***

(4) How can midwives help?

Midwife Attended Births 1989-2019

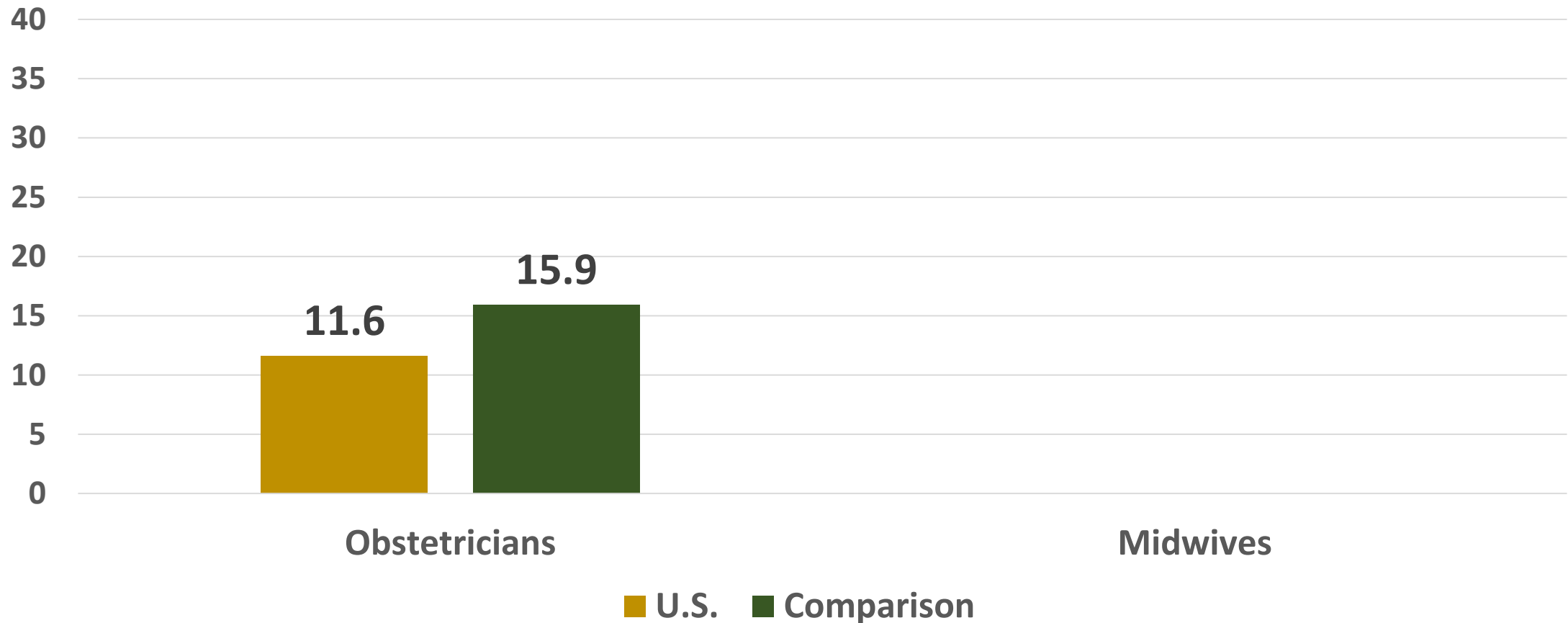


France	70%
Netherlands	70%
U.K	51%



(4) How can midwives help?

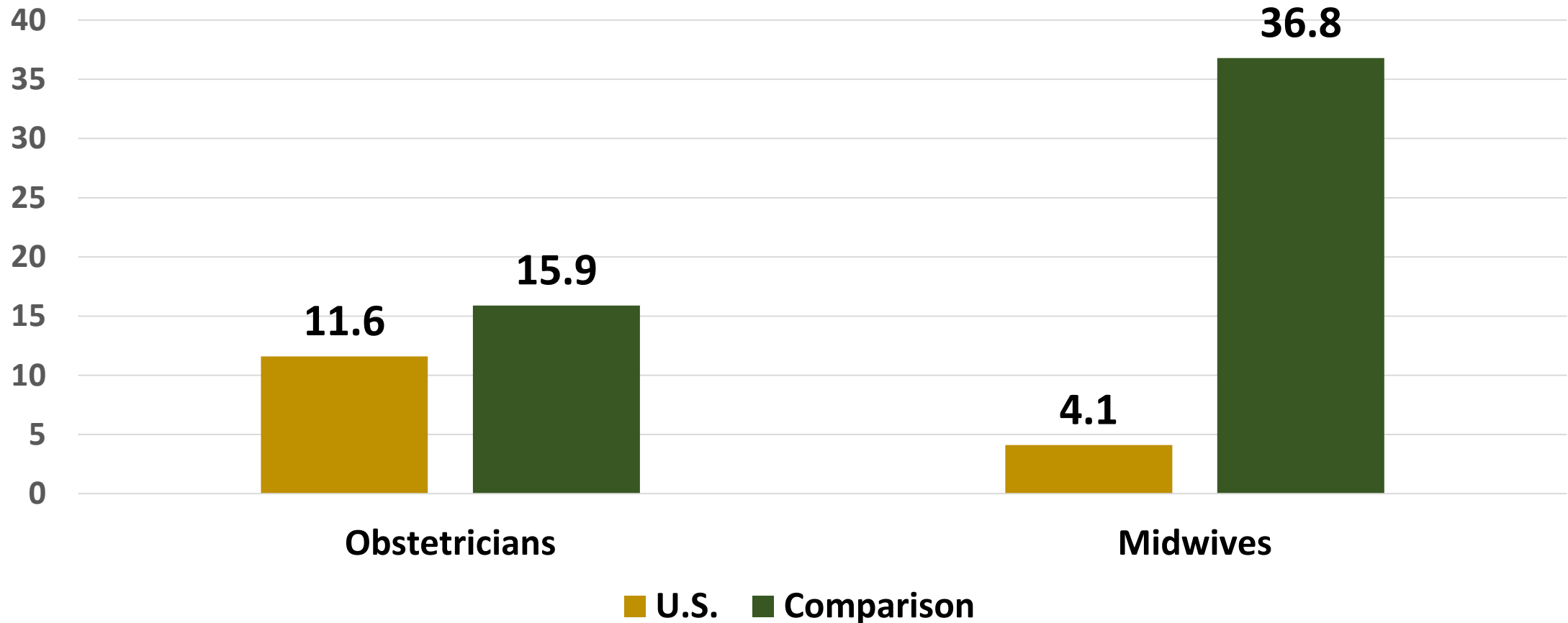
Obstetrician & Midwifery Workforce (per 1,000 births), U.S. & Comparable Countries (2015-2018)



Comparison countries (>300K births): Australia, Canada, France, Germany, Italy, Japan, South Korea, Spain, United Kingdom.

(4) How can midwives help?

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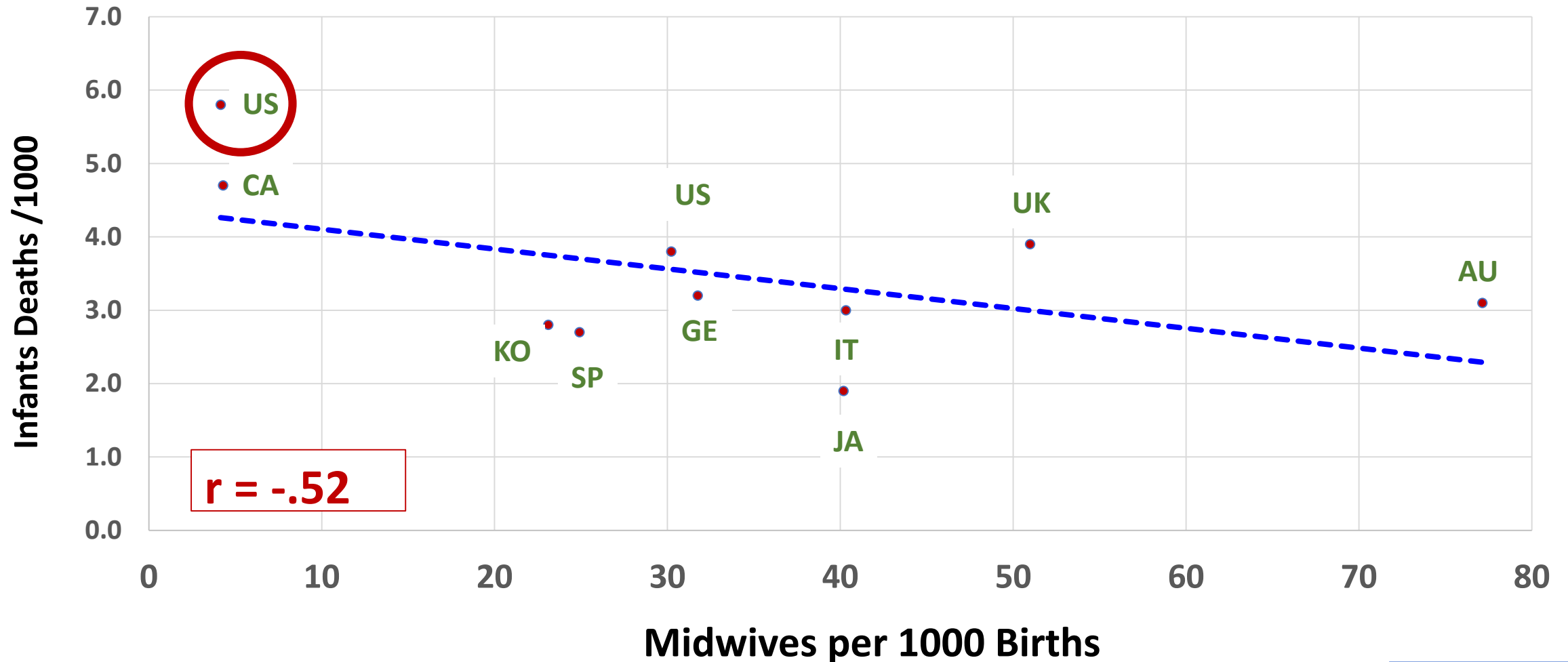


Comparison countries: Australia, Canada, France, Germany, Italy, Japan, South Korea, Spain, United Kingdom

Source: OECD Health Data, 2021.

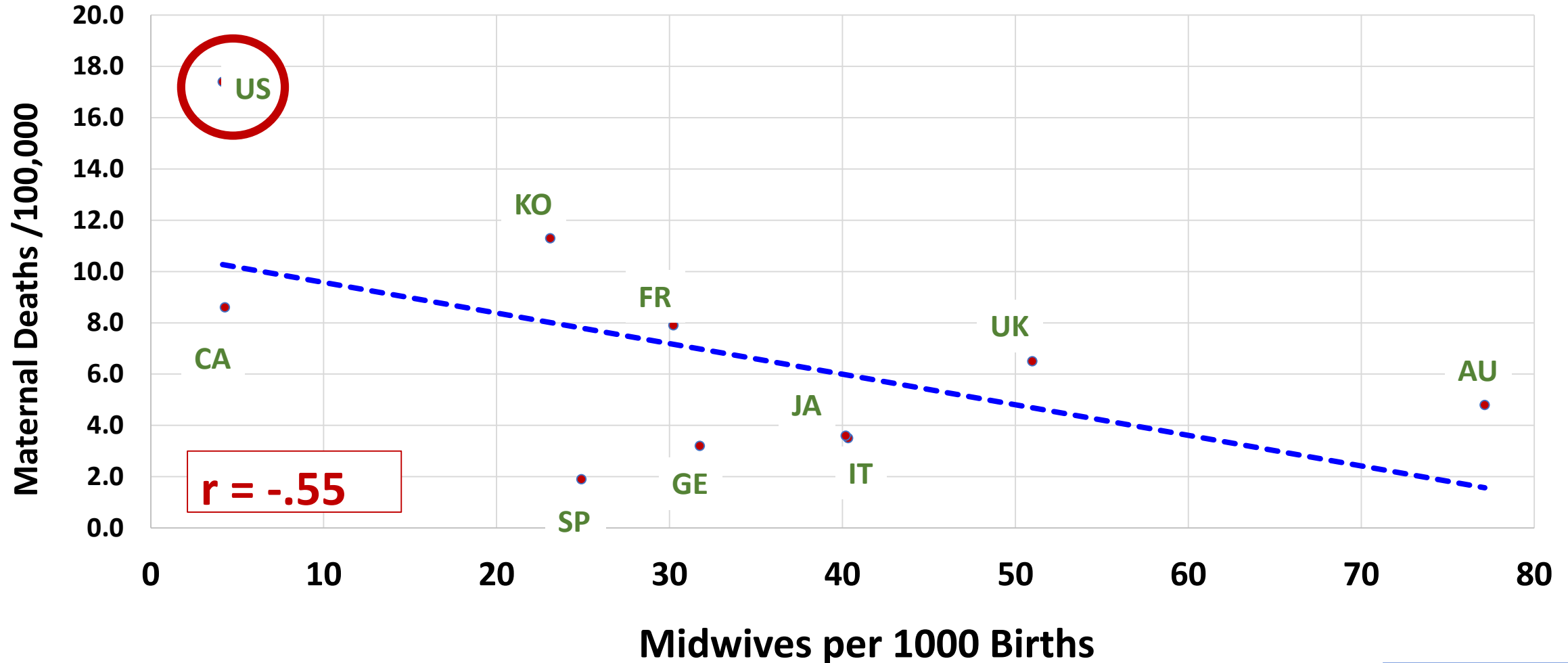
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Midwifery Workforce Size & Infant Mortality, OECD, 2018



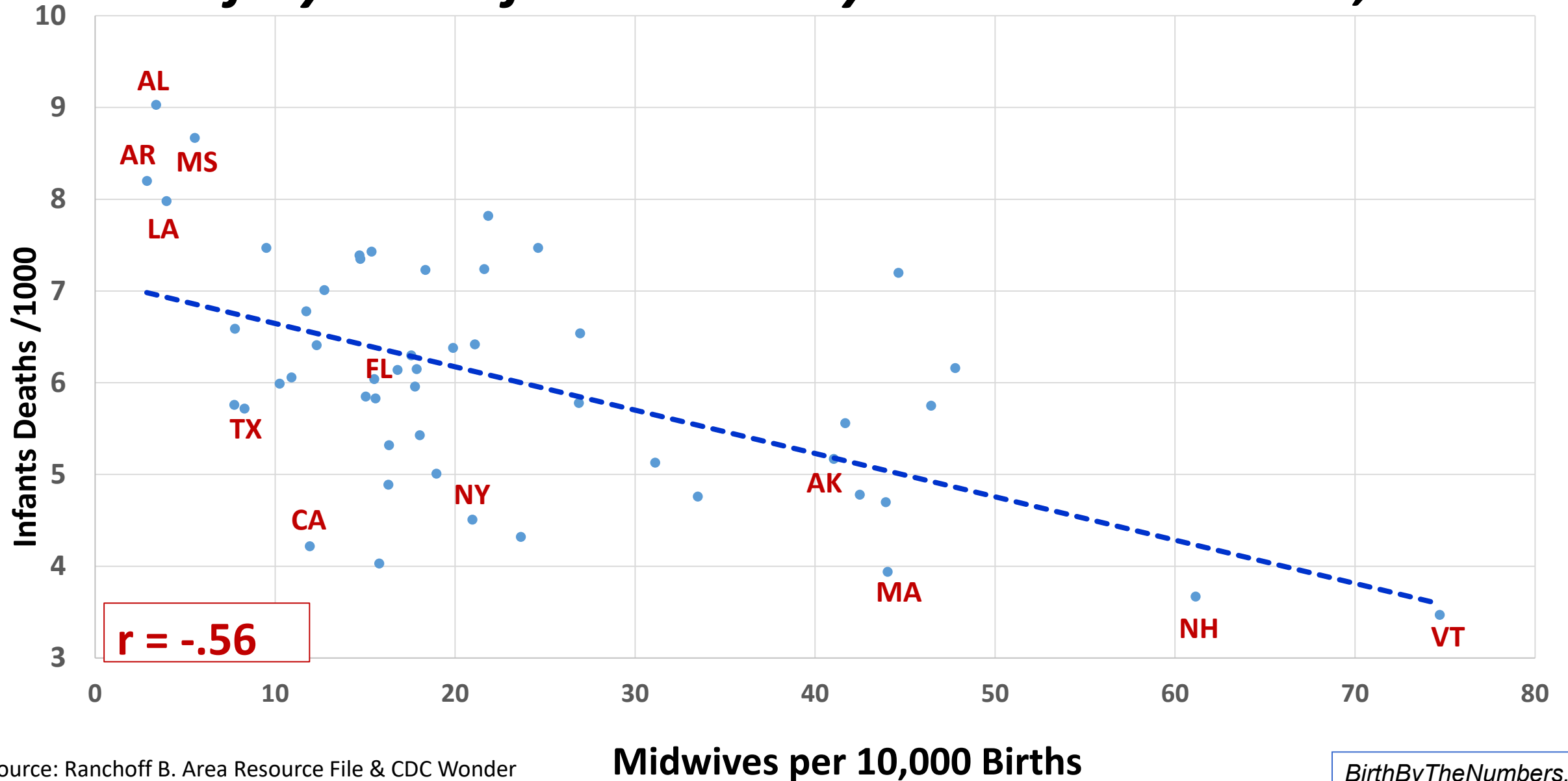
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Maternity Workforce Size & Maternal Mortality, 2018



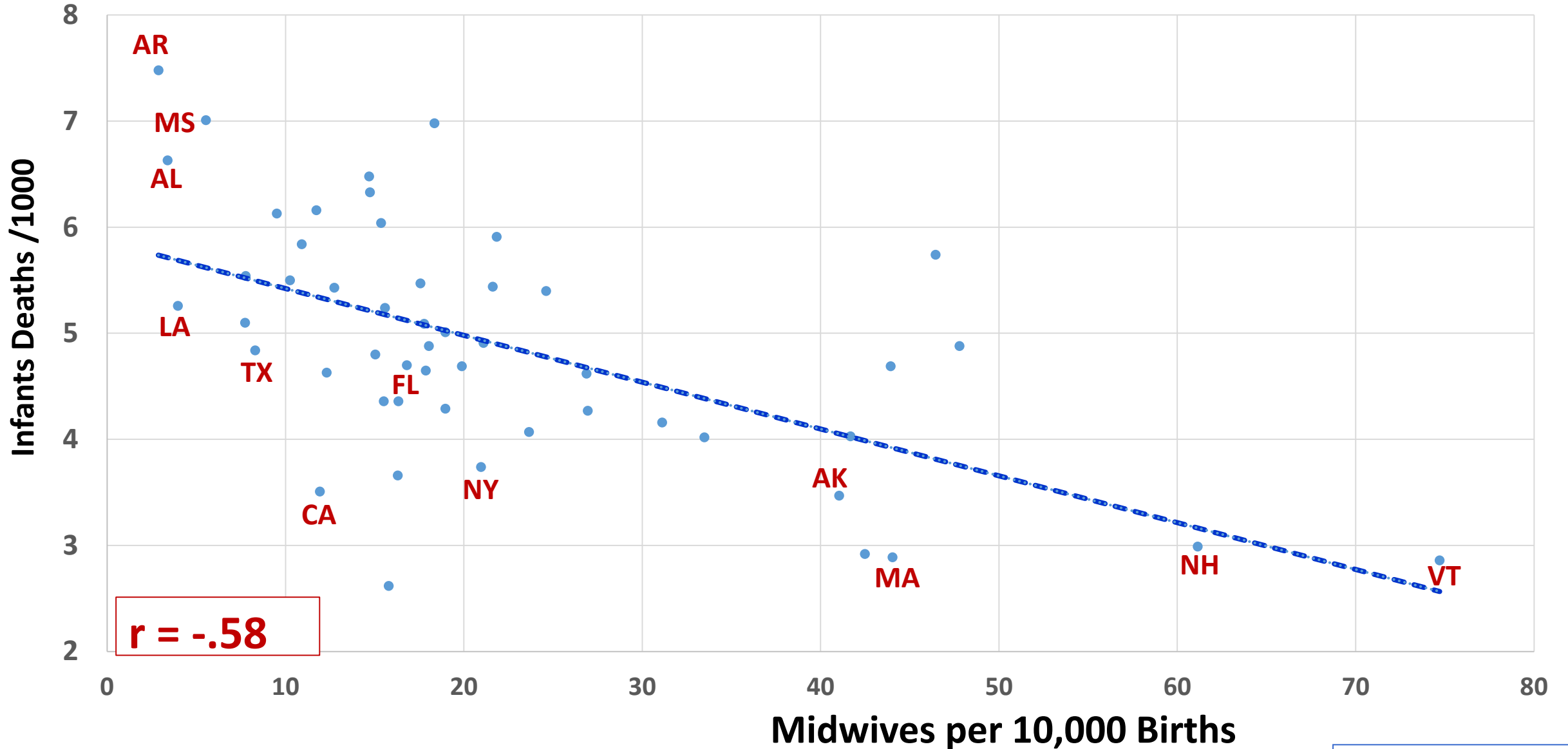
(4) How can midwives help?

Midwifery and Infant Mortality Rate in U.S. States, 2016



(4) How can midwives help?

Midwifery & Non-Hispanic White Infant Mortality, U.S. States, 2016



(4) How can midwives help?

Midwifery & Non-Hispanic Black Infant Mortality, U.S. States, 2015-17

