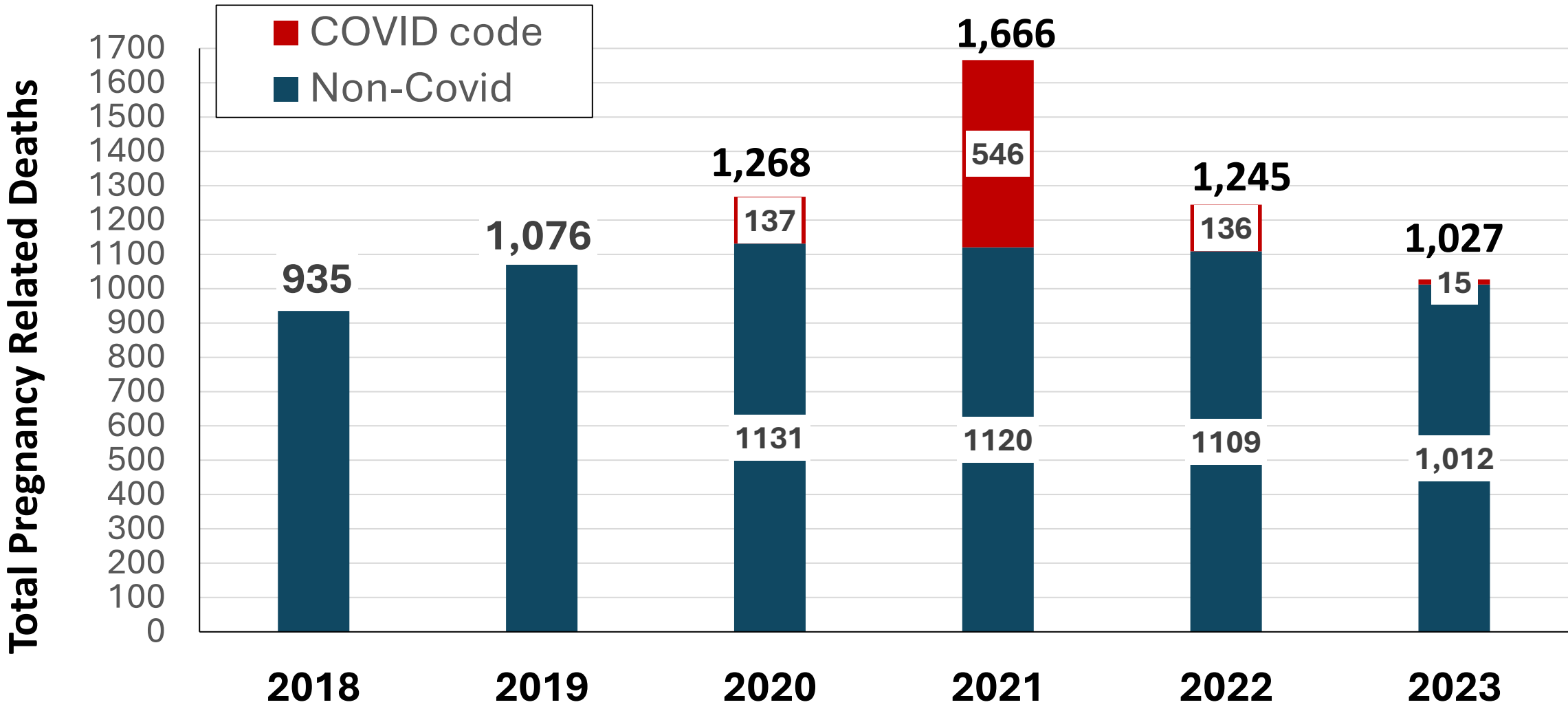


# Maternal Mortality Part 5

*Maternal Mortality  
during a COVID Pandemic*



# COVID & Pregnancy Related\* Deaths, 2018-2023



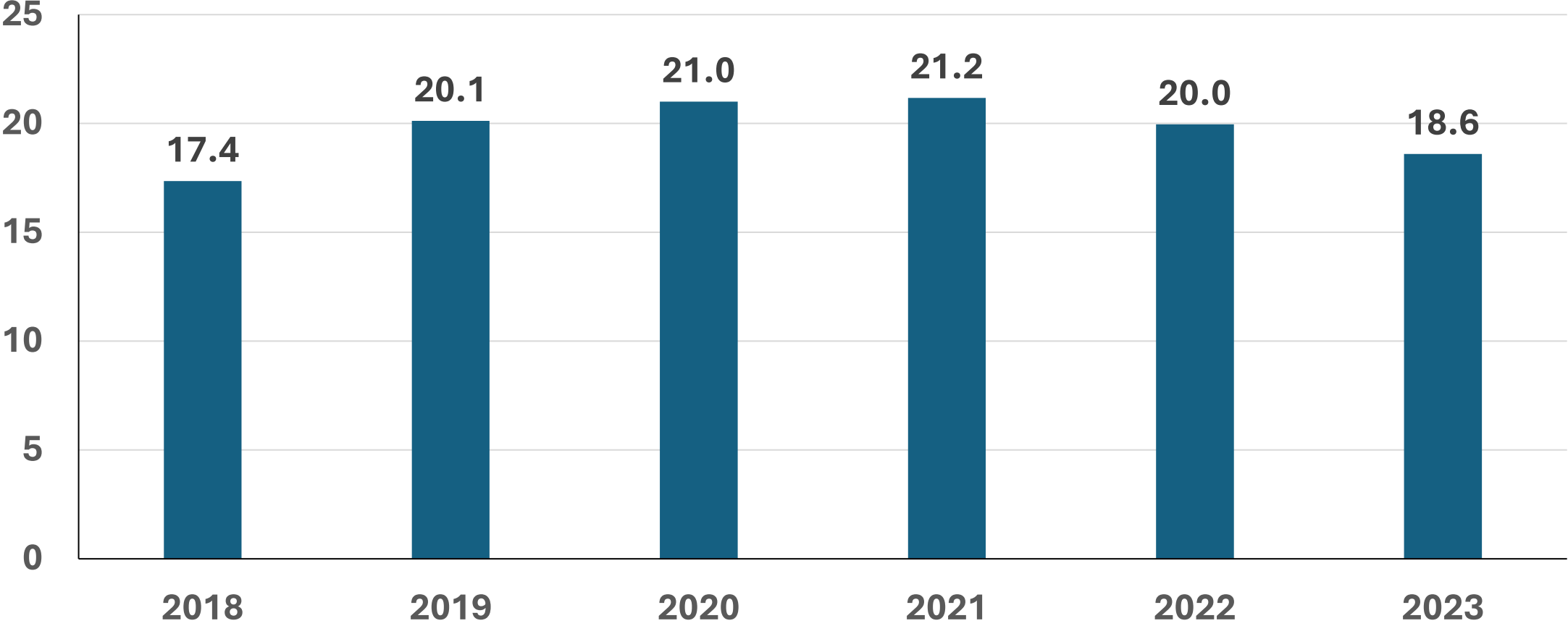
\* Deaths during pregnancy and up to 1 year postpartum

Source: CDC Wonder. National Vital Statistics System (NVSS). Mortality File

Note: Note: The NVSS is the only data source that includes post-pandemic totals. It generally reports higher death totals than the CDC's Pregnancy Mortality Surveillance System. COVID is not listed as a primary cause of death, but as one of multiple causes.



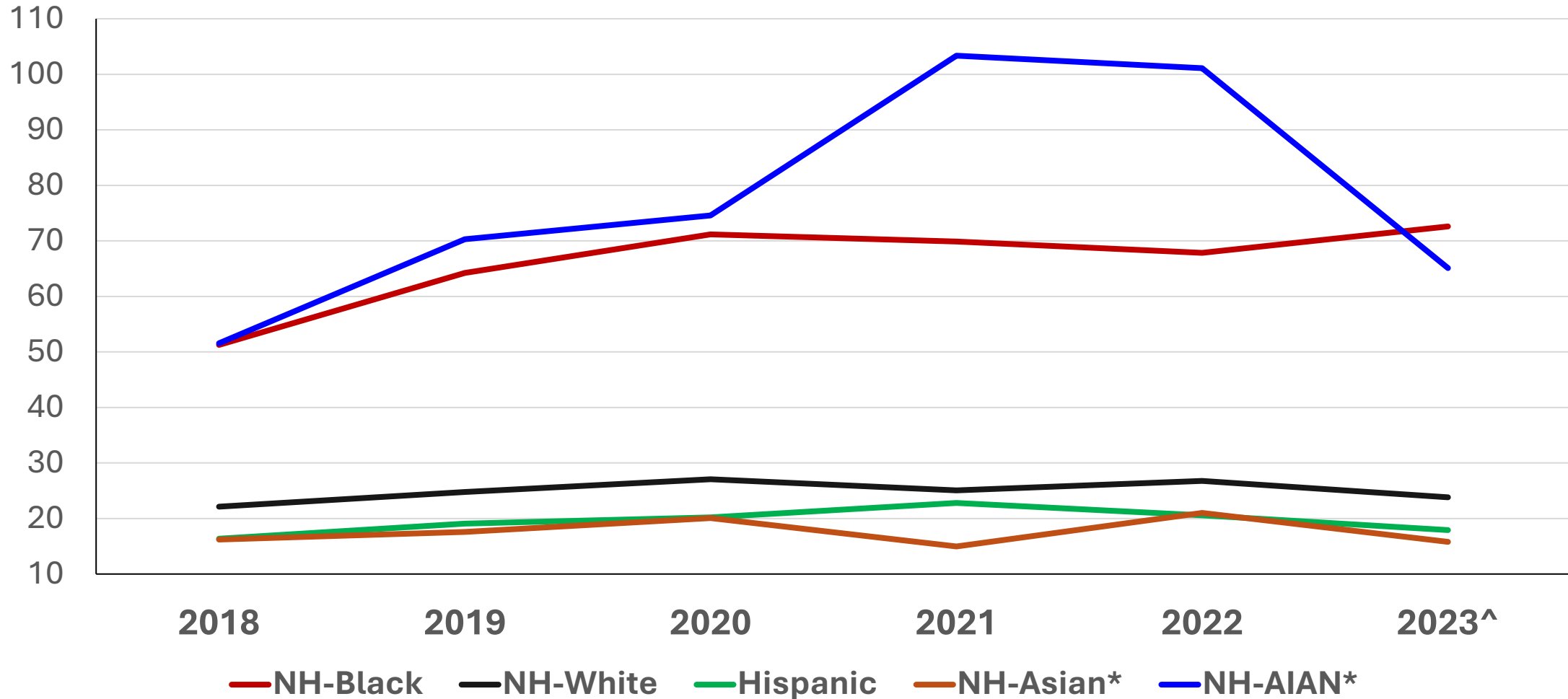
# Non-COVID Maternal Mortality (per 100K births), U.S., 2018-2023



Source: CDC Wonder NVSS Mortality & Birth Files

# Non-COVID Pregnancy Related<sup>#</sup> Mortality Ratios, U.S., 2018-2023<sup>^</sup>

Pregnancy Related Deaths per 100,000 Births



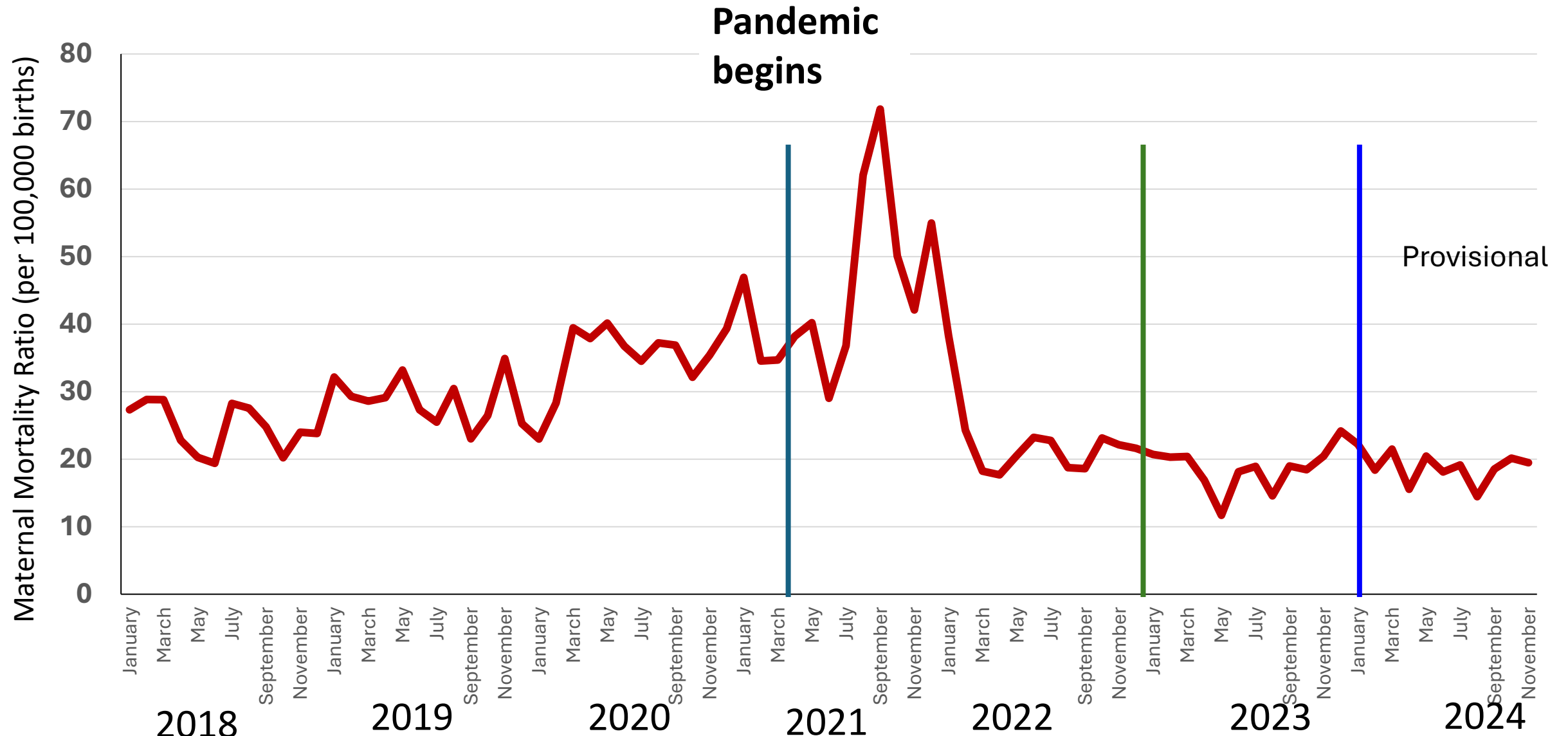
Source: CDC Wonder NVSS Mortality File

<sup>#</sup> Deaths during pregnancy and up to a year postpartum    <sup>^</sup> In 2023 all groups had less than 10 deaths so overall ratio reported

\* Fewer than 10 pregnancy related deaths with Covid reported in 2020 & 2022 so rates presented are overall totals



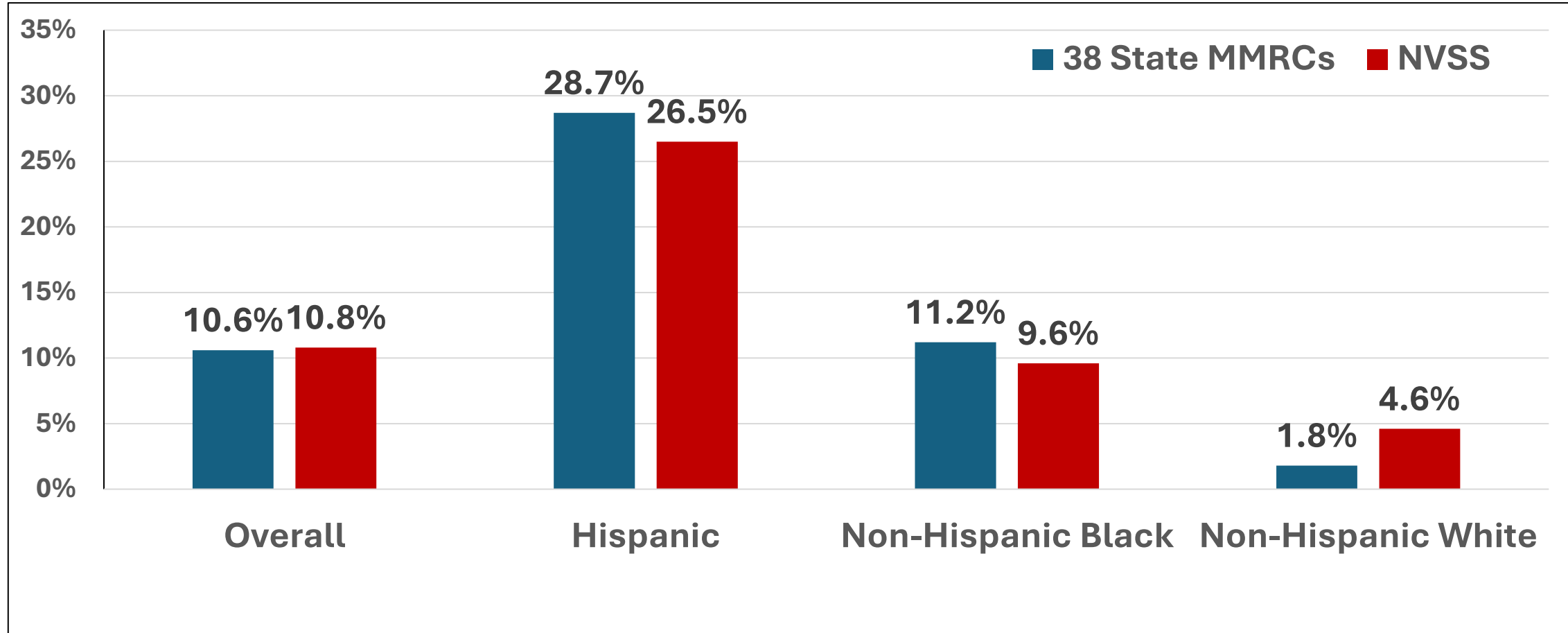
# NVSS Maternal Mortality (per 100,000 births) by Month, 2018- 2024



Source: CDC Wonder NVSS Mortality File

[www.birthbythenumbers.org](http://www.birthbythenumbers.org)

# COVID Related Maternal Deaths by Race/Ethnicity\* from 2 Distinct Data Sources, 2020



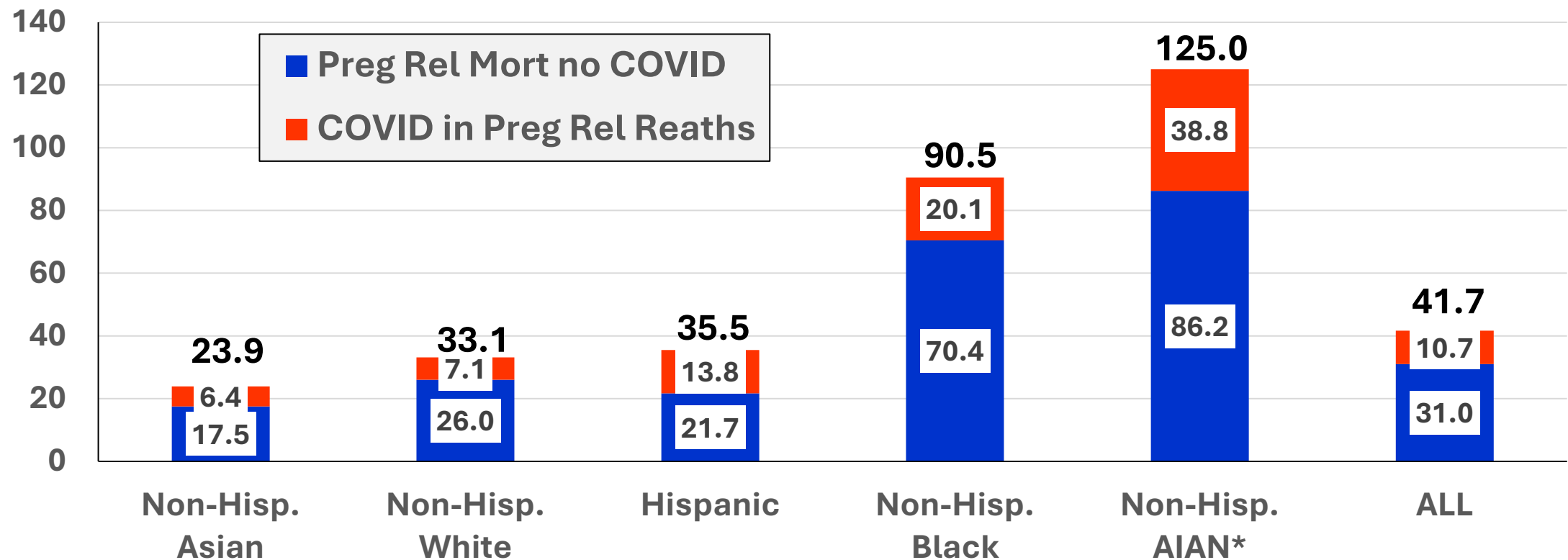
\* Insufficient number of cases to be reported among Non-Hispanic Asian and American Indian/Alaskan Natives

Sources: NVSS – National Vital Statistics System through CDC Wonder ; 38 State MMRCs – Trost SL, Busacker A, Leonard M, et al. Pregnancy-Related Deaths: Data from Maternal Mortality Review Committees in 38 U.S. States, 2020. CDC, U.S. DHHS; 2024. <https://www.cdc.gov/maternal-mortality/php/data-research/index.html#:~:text=Data%20on%20525%20pregnancy%2Drelated,Non%2DHispanic%20Black>



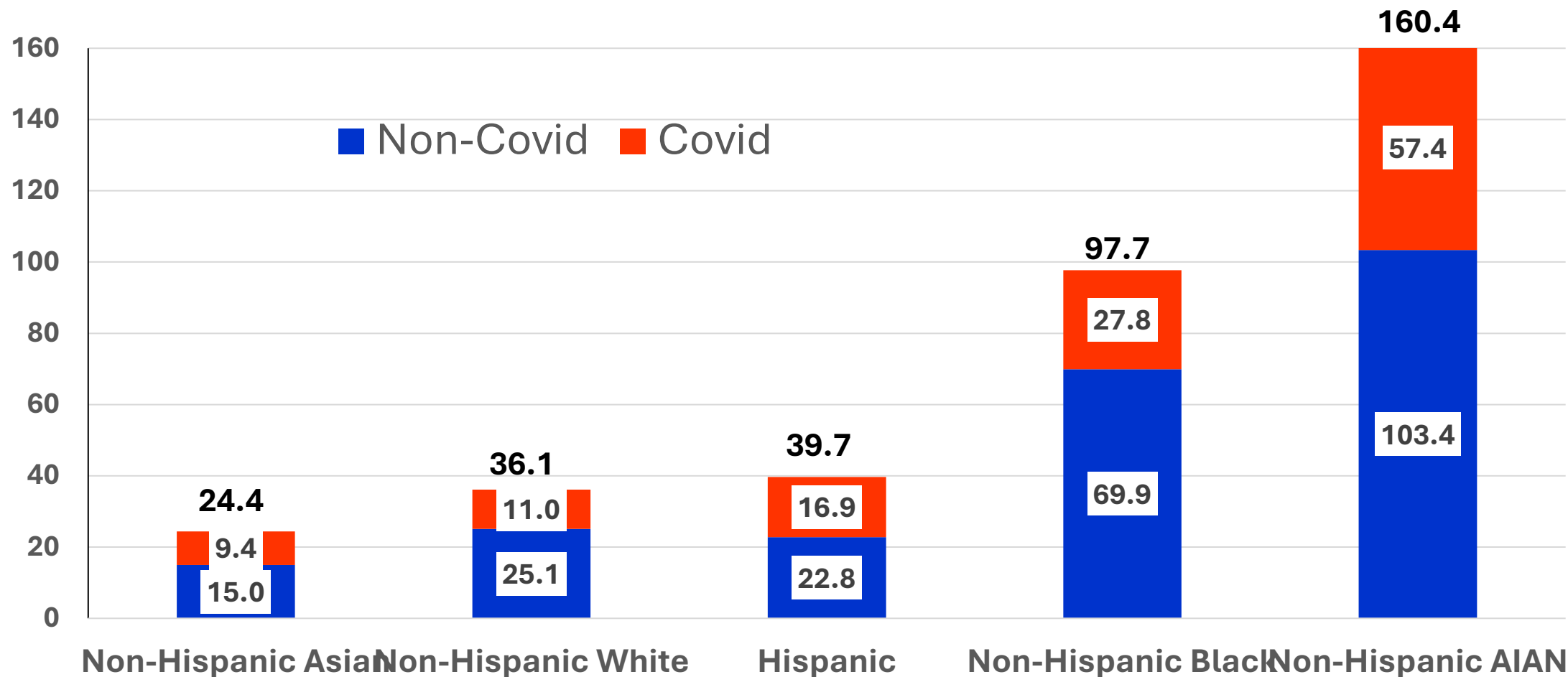
# Pregnancy Related # Death Ratios with & without a COVID Code by Race-Ethnicity, April, 2020 – December, 2021

Pregnancy Related Mortality per 100,000 Births



# Deaths during pregnancy and up to 1 year after delivery;  
 \*AIAN – American Indian Alaskan Native

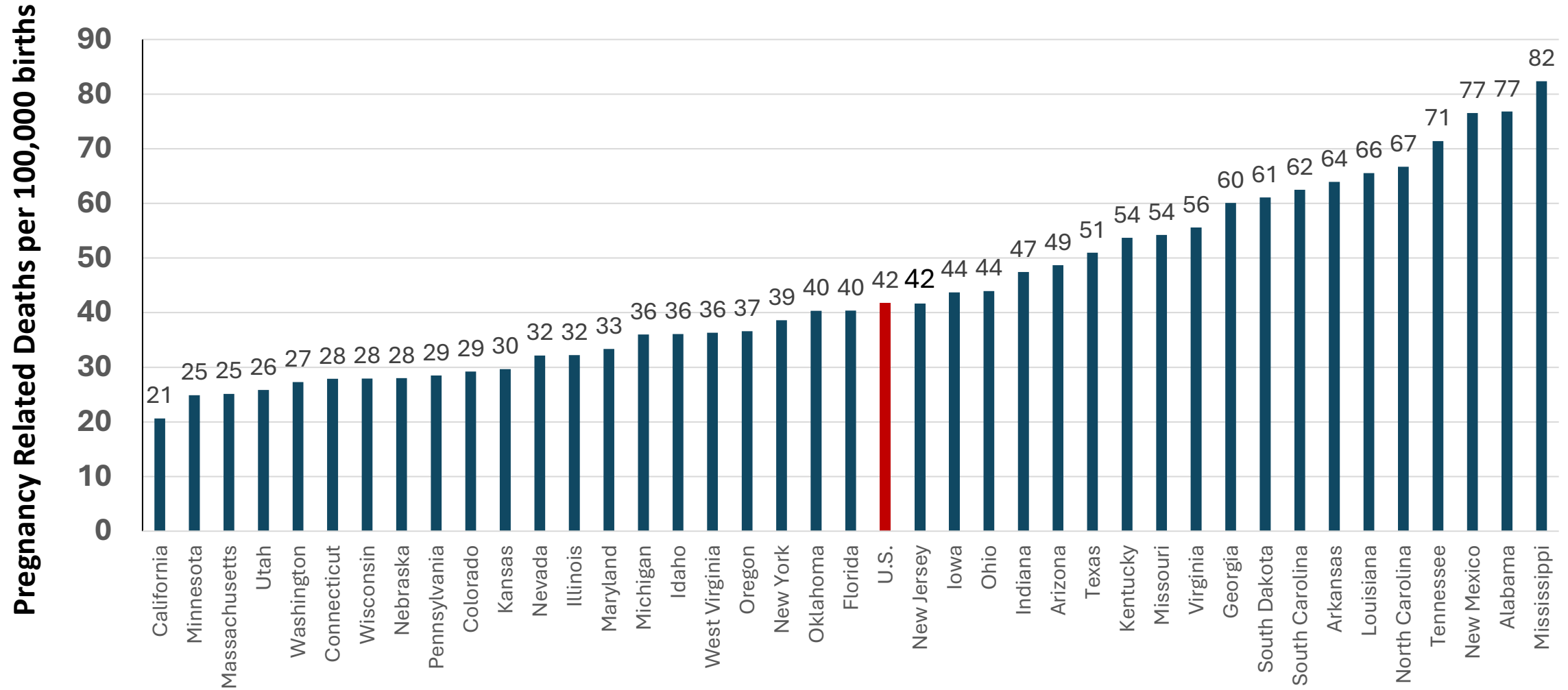
# Non-Covid and Covid Related Pregnancy-Related Deaths by Race-Ethnicity, 2021







# Pregnancy Related Mortality\* by State during the Pandemic (2020Q2-Q4, 2021)



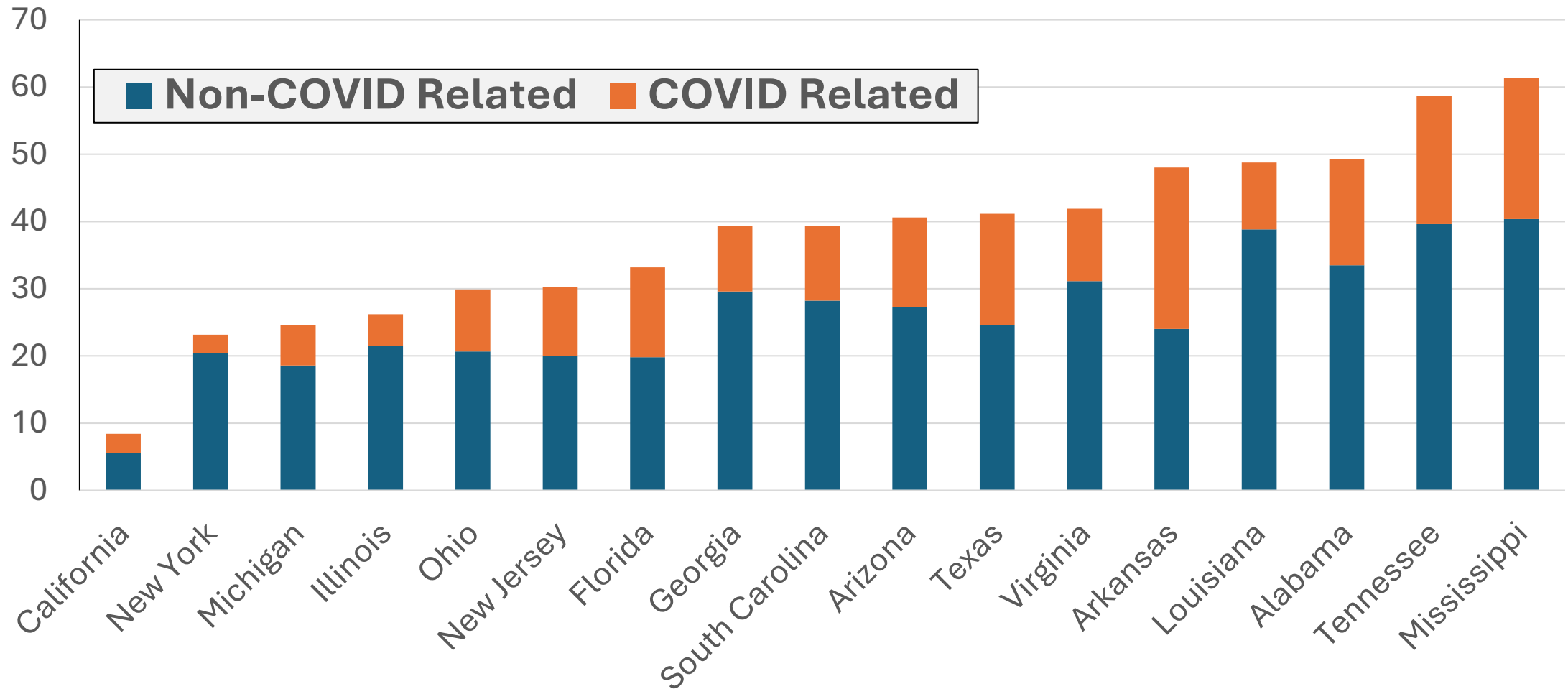
\* States with > 10 maternal deaths

Source: CDC Wonder NVSS Mortality File

[www.birthbythenumbers.org](http://www.birthbythenumbers.org)



# Maternal Mortality (per 100,000), 4/20-12/21, U.S. States\* COVID & Non-COVID Related



# Summary

- The COVID pandemic appears to have contributed more than 50% to the number of maternal deaths in 2021. It largely lost its impact in 2022.
- The pandemic exacerbated existing disparities between different groups, with especially high ratios among American Indians/Alaskan Natives and non-Hispanic Blacks.
- State political systems appear to be related to the likelihood of a pregnancy related death.