

# COVID-19 and Pregnancy in Tennessee



Among all infants born to Tennessee residents from March 1, 2020 to January 31, 2023, **18,355 (8%)** had PCR-confirmed maternal COVID-19 in pregnancy



ICU admissions at delivery were **4x** higher among women with COVID-19 in pregnancy than those without (**0.4% vs. 0.1%**)



There have been **16 confirmed maternal deaths** due to COVID-19 in pregnancy through January 31, 2023



Among confirmed maternal deaths, none had documentation of up-to-date COVID-19 vaccination

**The CDC recommends COVID-19 vaccination for all people 6 months and older, including those who are pregnant, breastfeeding, trying to get pregnant now, or might become pregnant in the future**



The COVID-19 vaccine is safe and effective in pregnancy



The COVID-19 vaccine is **NOT** associated with decreased fertility



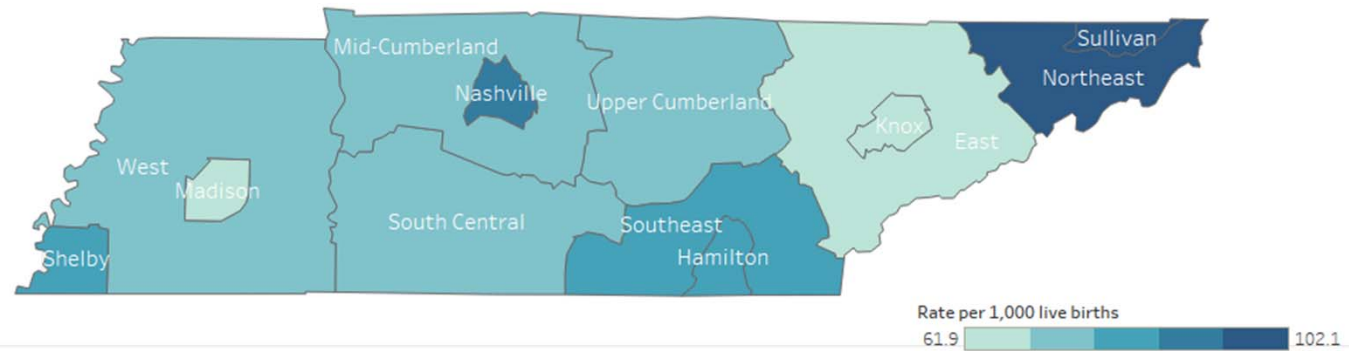
The COVID-19 vaccine is **NOT** associated with higher miscarriage rates



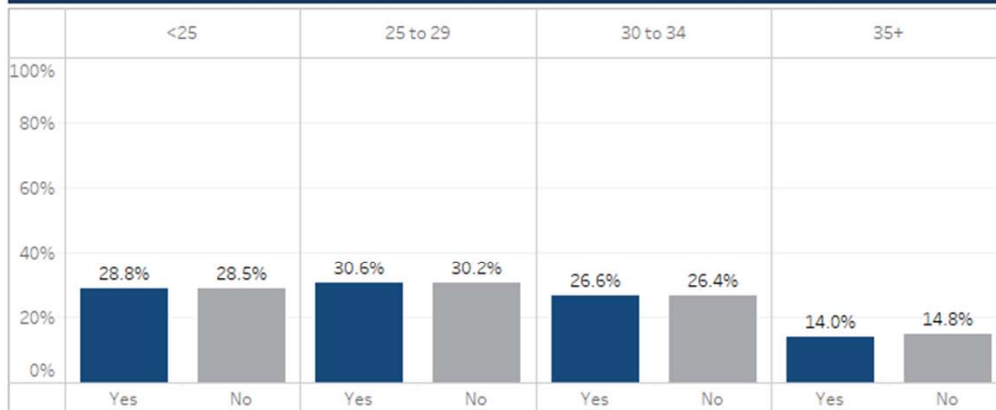
The COVID-19 vaccine can **NOT** give you COVID-19 or alter your DNA

From March 1, 2020 to January 31, 2023 there were **232,210** pregnancies completed in TN, of which **18,062 (8%)** had a PCR-confirmed COVID-19 diagnosis in pregnancy

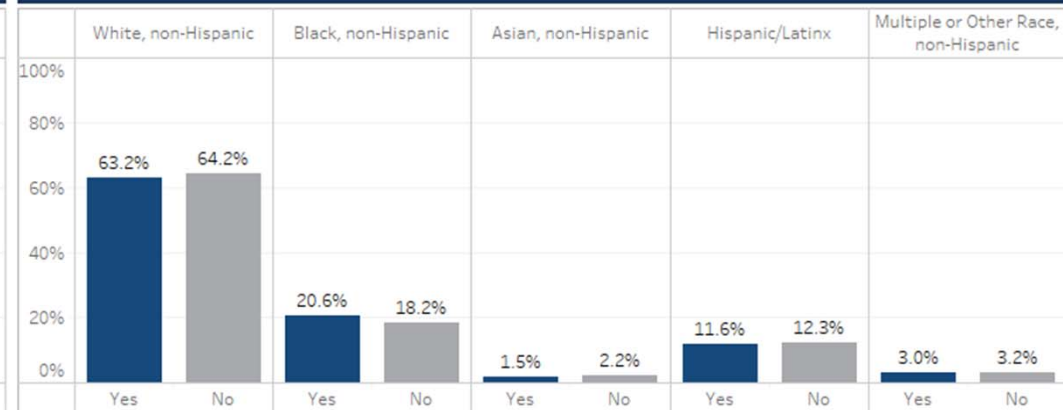
Rates of COVID-19 diagnosis in pregnancy by public health region



Age distribution by COVID-19 diagnosis in pregnancy



Racial/ethnic distributions by COVID-19 diagnosis in pregnancy



COVID-19 diagnosis in pregnancy  
■ Yes  
■ No

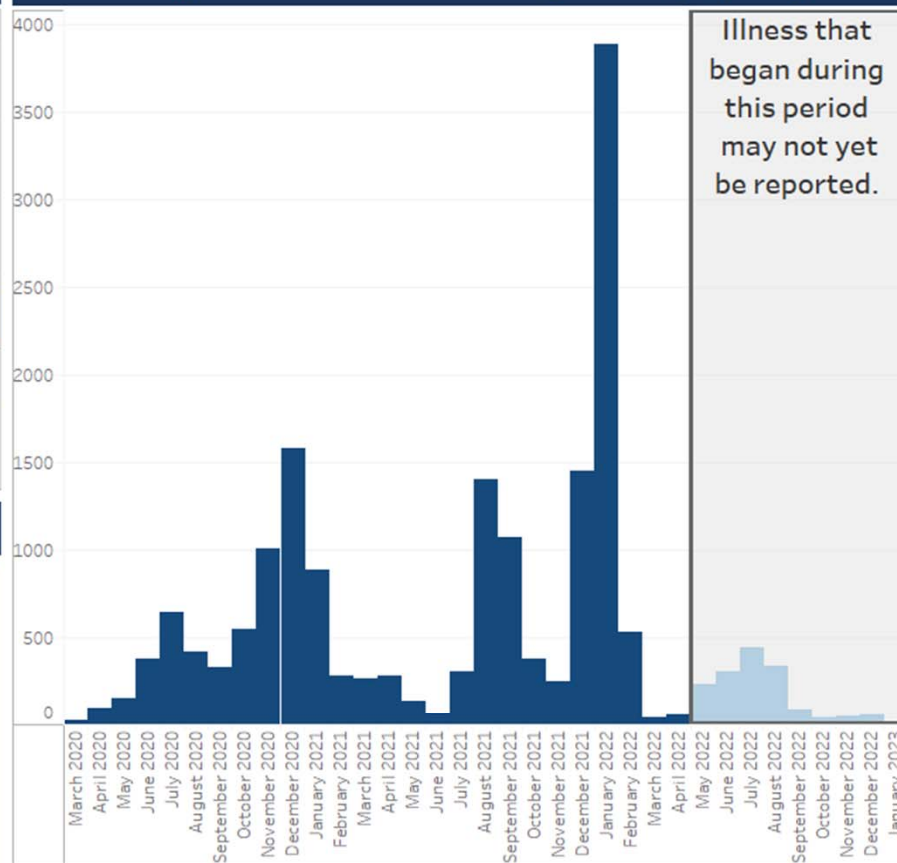
\*Only pregnancies that have resulted in a live birth are included in these data; therefore, data for pregnancies that are ongoing are not presented here.

# Characteristics of COVID-19 in Pregnancy\* Tennessee (TN) March 1, 2020 through January 31, 2023

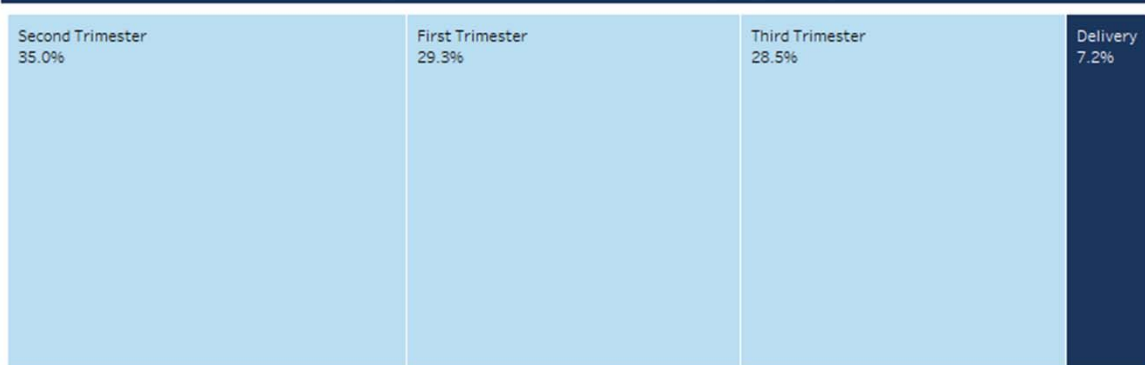
Percentage of infants born to a COVID-19 case in pregnancy



Timing of COVID-19 infection among cases in pregnancy†



Timing of COVID-19 infection in pregnancy

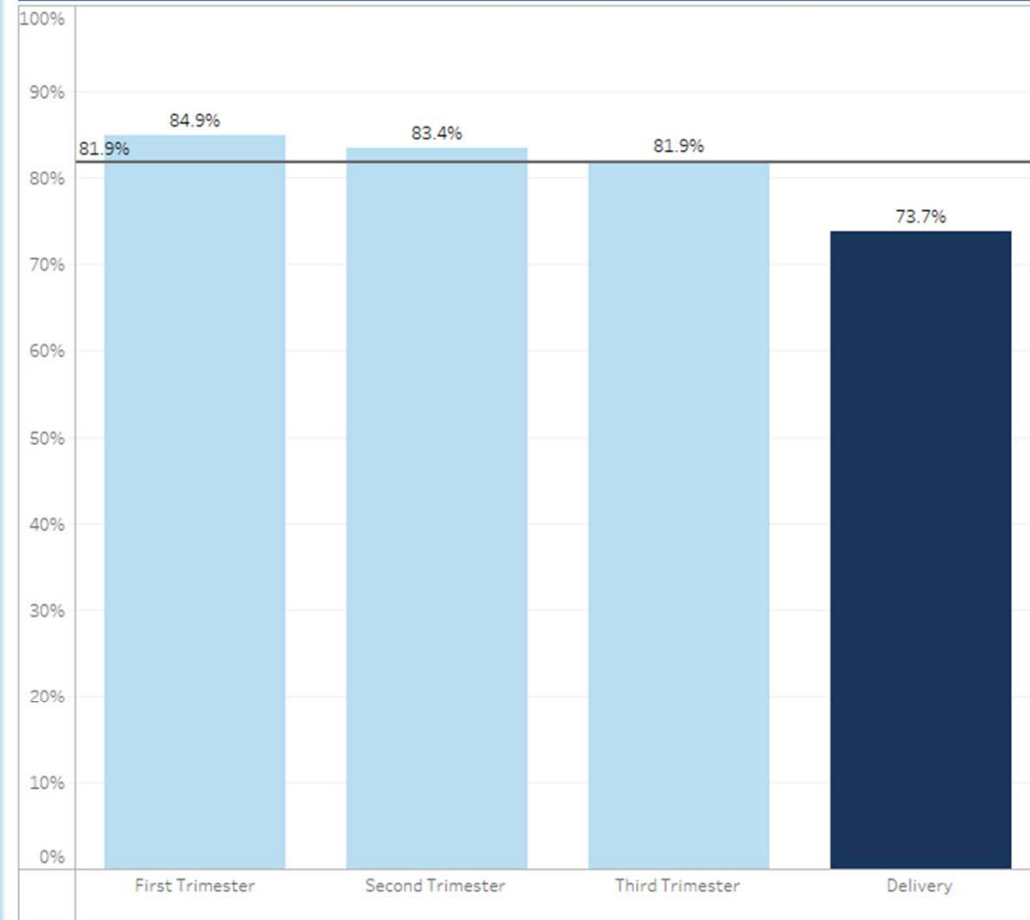


†May 2022 through January 2023 should be interpreted with caution as COVID-19 cases may still be pregnant thus underestimating these numbers.

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From March 1, 2020 to January 31, 2023, **18,355** infants were born to a COVID-19 case in pregnancy and, of these infants, **72** had PCR-confirmed COVID-19 at delivery hospitalization

Breastfeeding initiation by timing of COVID-19 diagnosis

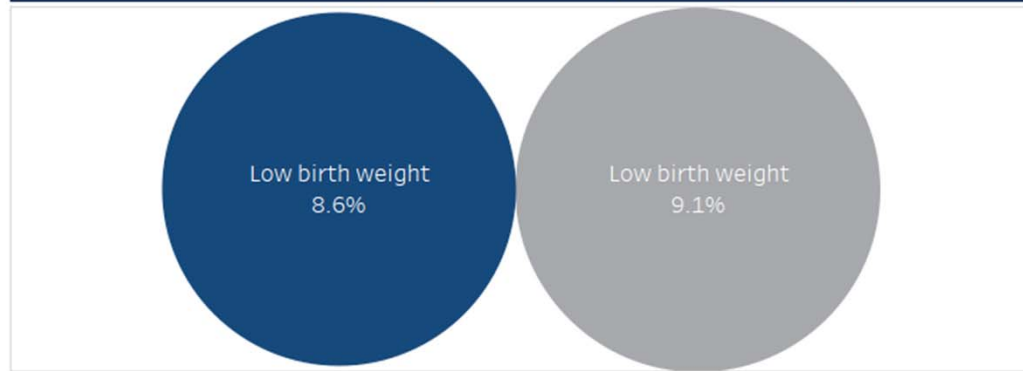


\*Only pregnancies that have resulted in a live birth are included in these data; therefore, data for pregnancies that are ongoing are not presented here.

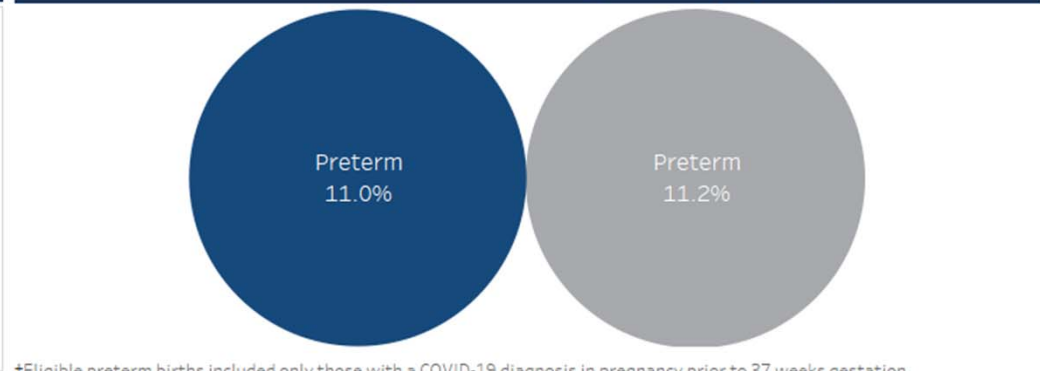
COVID-19 diagnosis in Pregnancy

■ Yes ■ No

Low birth weight by COVID-19 diagnosis in pregnancy

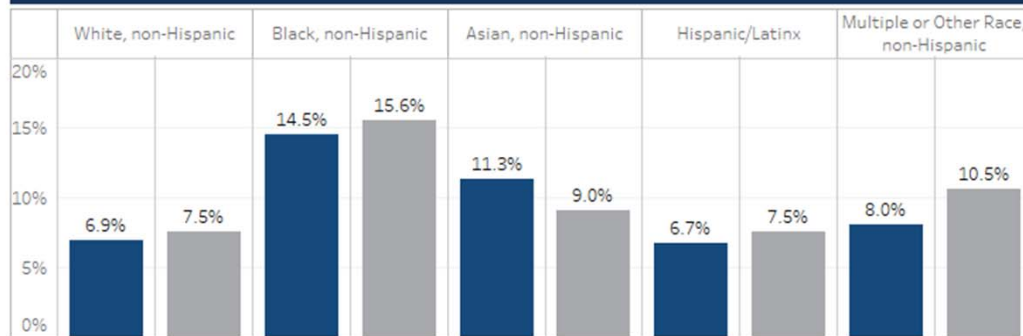


Preterm birth by COVID-19 diagnosis in pregnancy†

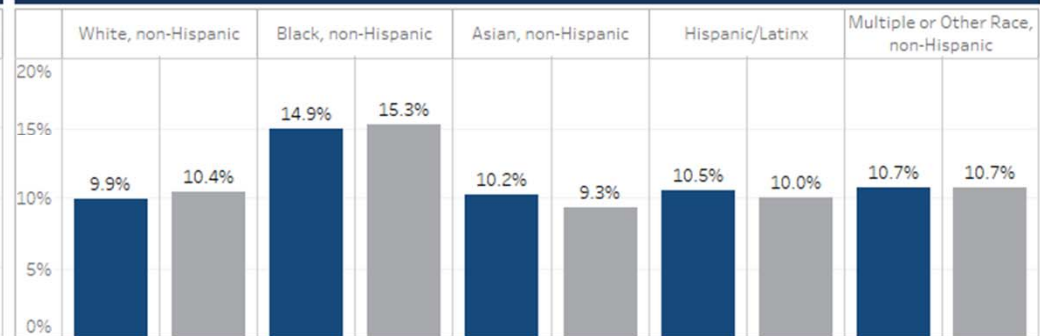


†Eligible preterm births included only those with a COVID-19 diagnosis in pregnancy prior to 37 weeks gestation.

Racial/ethnic distributions of low birth weight by COVID-19 diagnosis in pregnancy



Racial/ethnic distributions of preterm birth by COVID-19 diagnosis in pregnancy



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