



Pediatric COVID-19 Situation Report

May 2022

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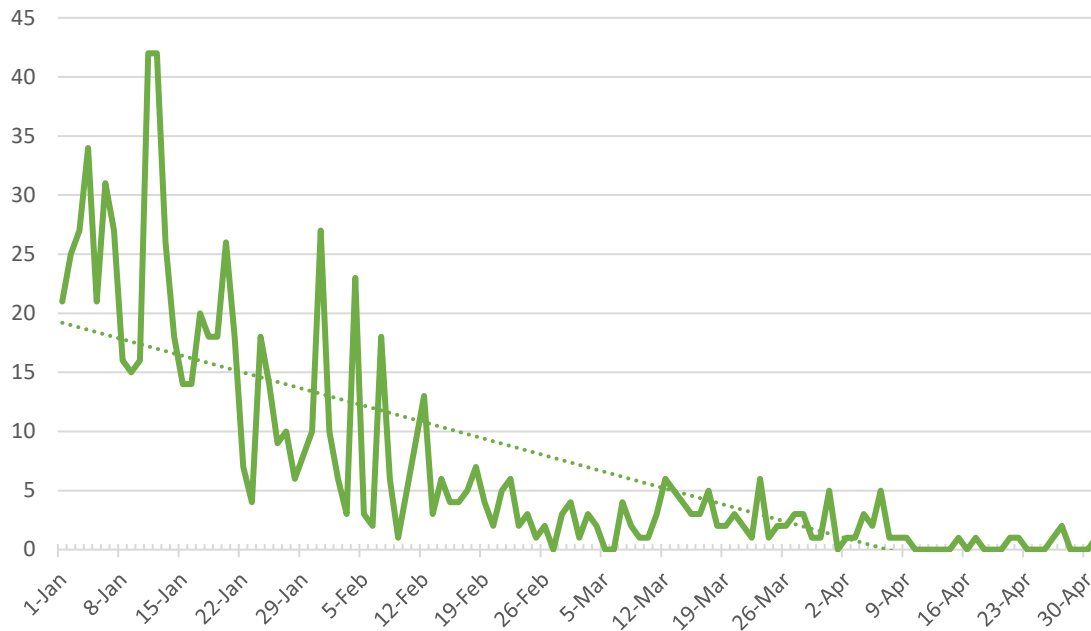
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Summary

- As of May 5, 2022, the number of Detroit children ages 0 to 15 years that have received at least one dose of the COVID-19 vaccine is 19,458.
- As of 05/25/2022, the number of fully vaccinated Detroit children ages 0 to 15 years is 15,455.
- The number of confirmed COVID-19 cases recently reported in Detroit children 0 to 9 years of age is 3,269 (01/01/2020 to 05/25/2022). The number of confirmed COVID-19 cases recently reported in Detroit children 10 to 19 years of age is 6,357 (01/01/2020 to 05/25/2022).
- The number of Detroit women that have died while having a confirmed case of COVID-19 since 01/01/2020 is 132.
- Since 01/01/2020, 375 Detroit women have had a confirmed COVID-19 diagnosis while pregnant.
- Since the onset of the COVID-19 pandemic, April 2021 and December 2021 saw the most confirmed COVID-19 cases among pregnant Detroit women, ages 15 to 45 years.
- Within the month of April 2022, there were 24 cases of COVID-19 diagnosed in Detroit children, ages 0 to 18 years.
- Since January 1, 2020, the day with the greatest number of pediatric COVID-19 cases was January 3, 2022, with 194 cases diagnosed.
- In the US, most pregnant women diagnosed with COVID-19, were diagnosed while in their third trimester.

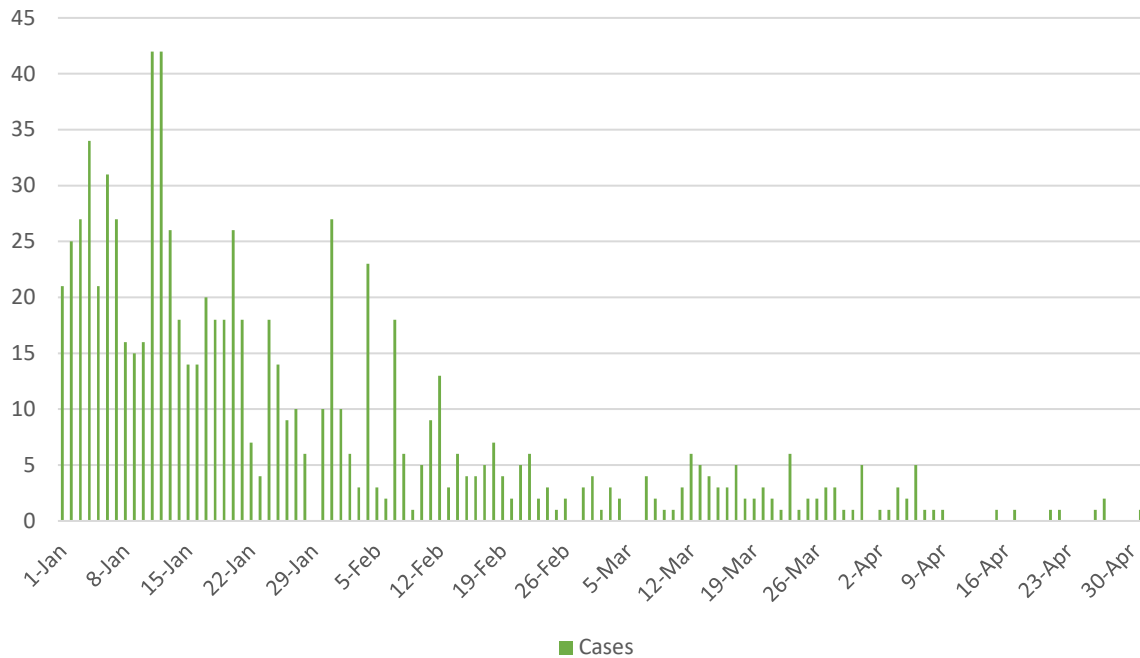
Pediatric and Female COVID-19 Data

Figure 1. Weekly pediatric (0-18 years) COVID-19 cases in Detroit since 01/01/2022.



Michigan Syndromic Surveillance System

Figure 2. Confirmed weekly COVID-19 cases in women of child-bearing age (15 to 45 years), Detroit, since 01/01/2022.



Michigan Disease Surveillance System

Table 1. Detroit’s confirmed female COVID-19 cases, by race since 01/01/2020*.

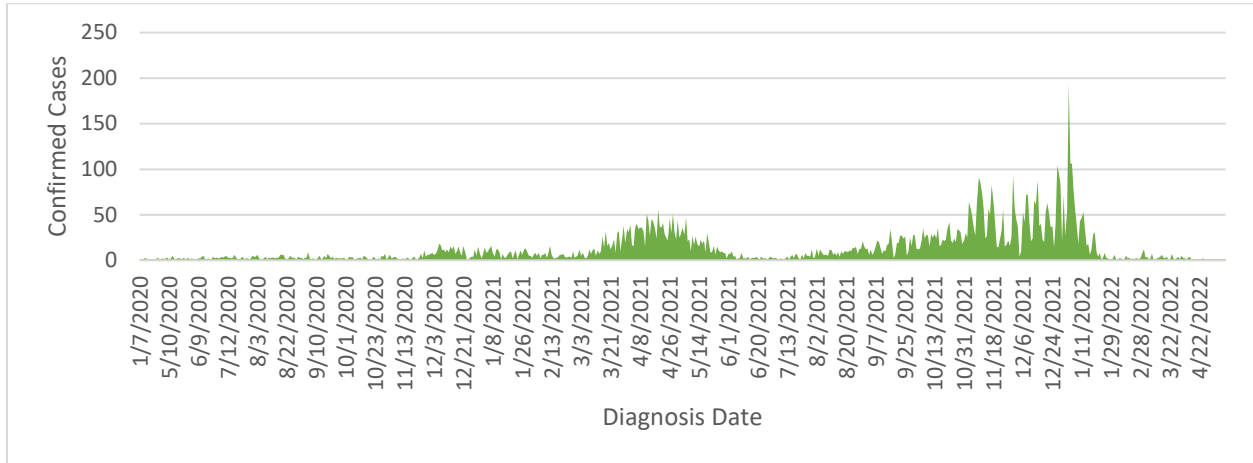
Race	Count	Percentage
Black/African American	6,764	77.0%
Caucasian	781	9.0%
Native American/Alaska Native	49	0.5%
Asian/Pacific Islander	46	0.5%
Other	95	9.8%

n= 8,771 total female cases

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**01/01/2020 was used as a starting date due to the first US diagnosis occurring on 01/11/2020*

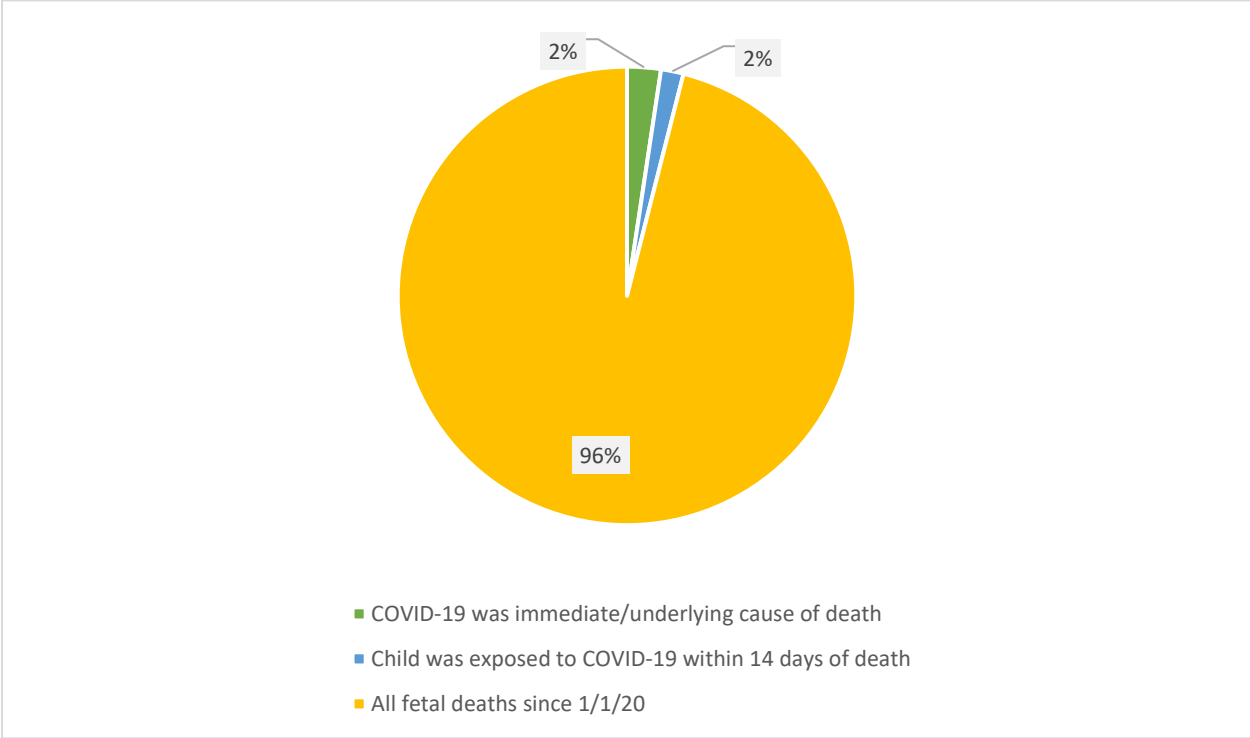
Figure 3. Confirmed COVID-19 by date among Detroit children 0-18 years old, 2020-2022.



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Pediatric COVID-19 Deaths

Figure 4. Breakdown of COVID-19-related infant (< 1 year) deaths in Detroit since 01/01/2020.



National Center for Fatality Review and Prevention

Pregnancy-related COVID-19 Data

Table 2. Number of deaths and ICU admissions among pregnant women with COVID-19, nationwide, 2020 to present.

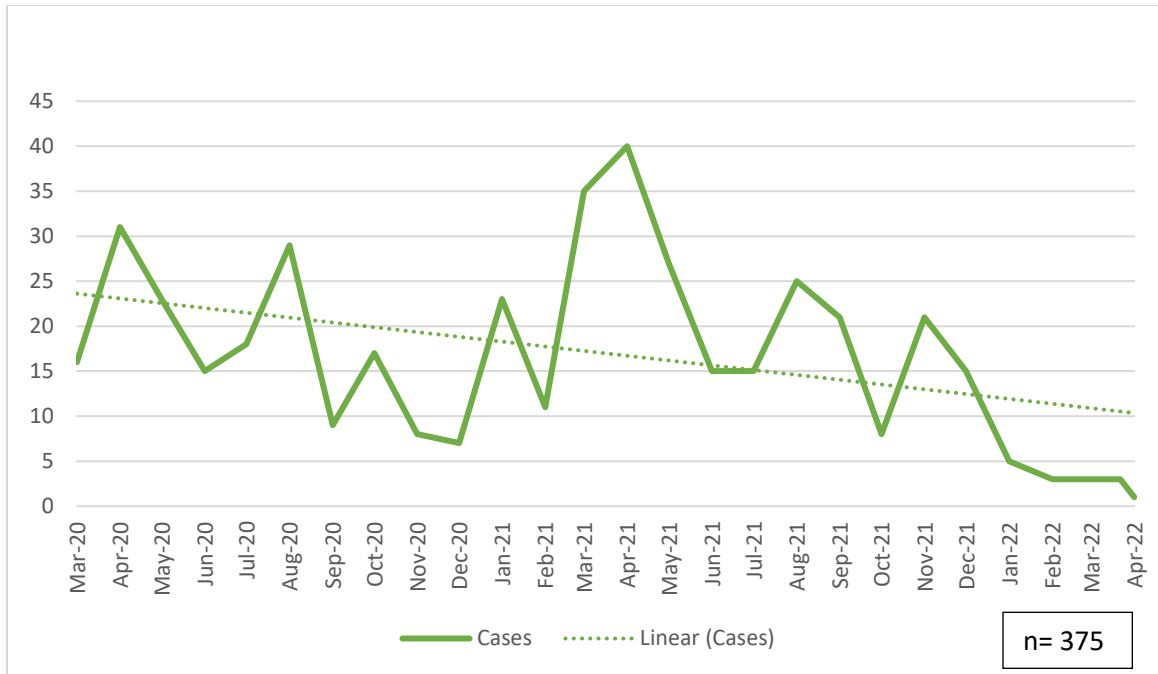
Year	Month	Deaths	ICU Admissions
2020	March	1	52
	April	13	88
	May	12	48
	June	12	42
	July	14	35
	August	8	31
	September	5	12
	October	5	27
	November	4	15
	December	11	32
2021	January	19	29
	February	8	6
	March	10	13
	April	10	24
	May	4	19
	June	1	14
	July	9	43
	August	42	63
	September	33	32
	October	22	19
	November	15	21
	December	16	31
2022	January	14	27
	February	8	8
	March	-	2
	April	-	4

CDC, [covid.cdc.gov/covid-data-tracker/#pregnant-birth-infant](https://www.cdc.gov/covid-data-tracker/#pregnant-birth-infant)

**Deaths reported by jurisdictional health departments reflect the most up-to-date information received by the CDC based on preliminary reporting, using case report. Date of death is used for reporting, and if missing, then date of diagnosis is used. Delays may exist in reporting of deaths from initial confirmation of SARS-CoV-2 infection*

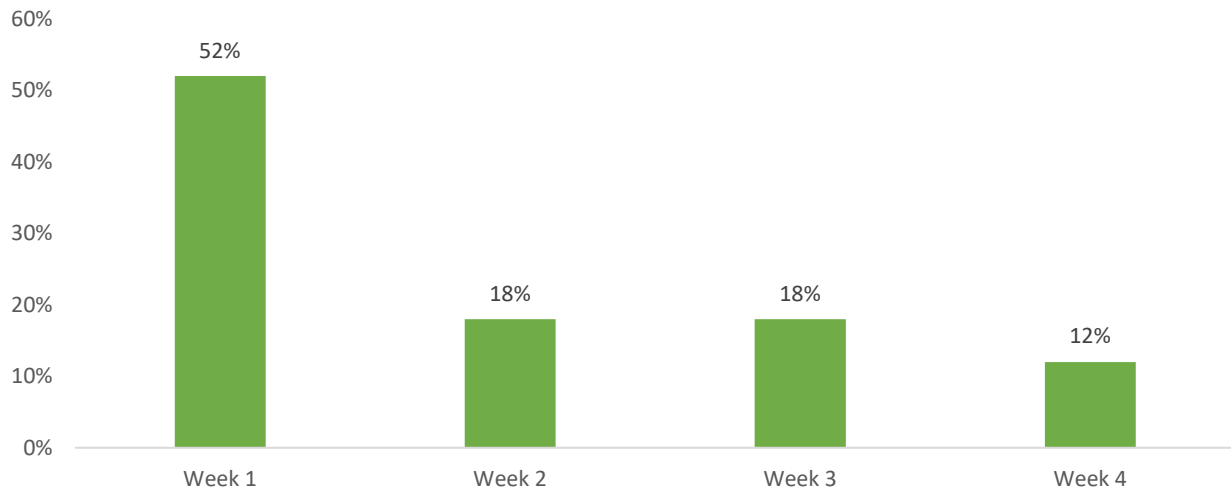
*** In July 2021, the Delta variant of SARS-CoV-2 became the predominant variant in the United States*

Figure 5. COVID-19 cases in pregnant women in Detroit since 01/01/2020.



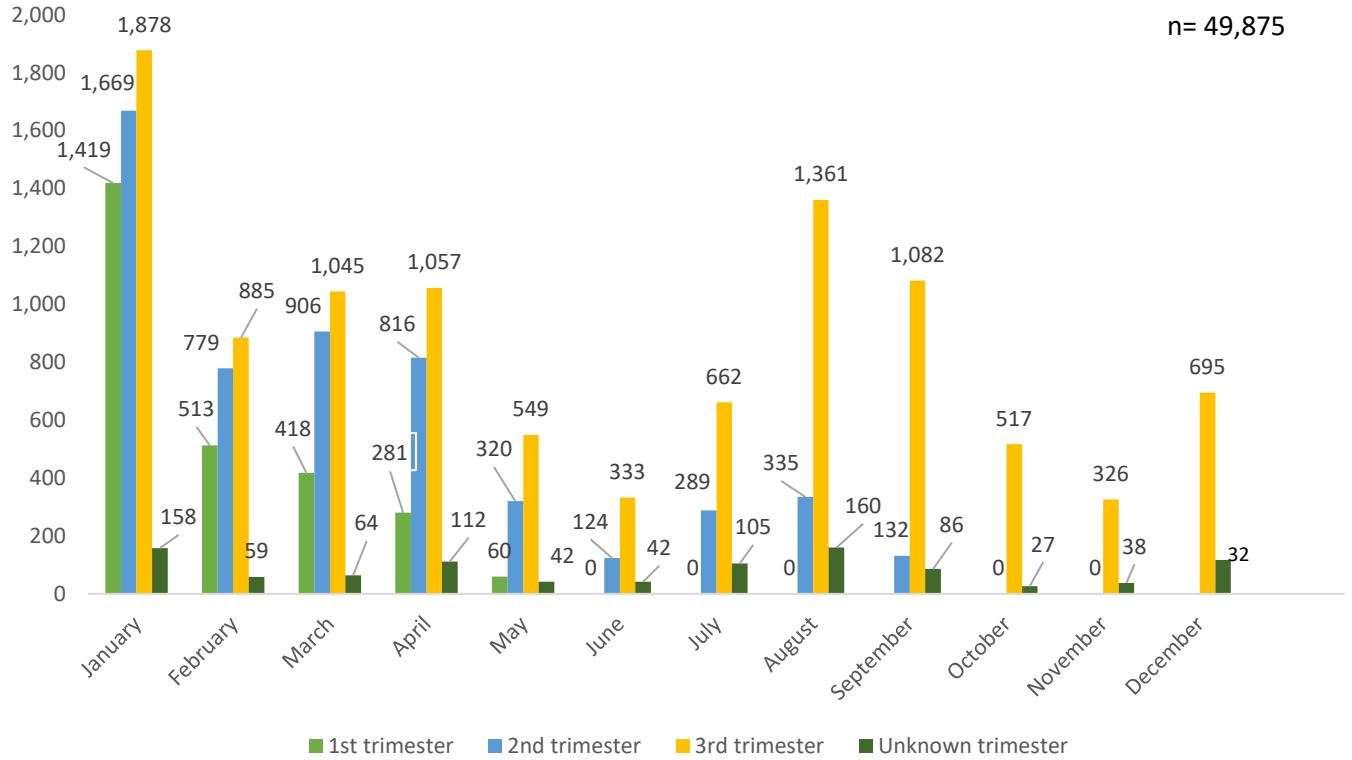
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Figure 6. April 2022 COVID-19 hospital admissions among Detroit women of childbearing age (15-45 years).



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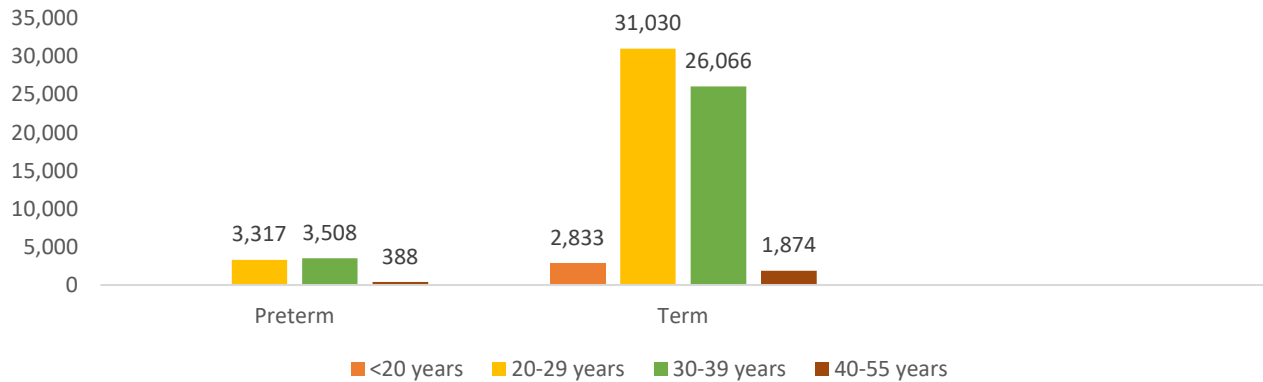
Figure 7. Confirmed COVID-19 cases in pregnant women (by trimester of diagnosis), by month, nationwide*, 2021.



CDC, <https://covid.cdc.gov/covid-data-tracker/#pregnant-birth-infant>

*States participating in COVID-19 reporting for 2021: Washington, Minnesota, Missouri, Illinois, Michigan, Pennsylvania, Tennessee, Georgia, Vermont, New Hampshire, Massachusetts, New Jersey, Maryland, Los Angeles County, Houston, TX, Puerto Rico, US Virgin Islands

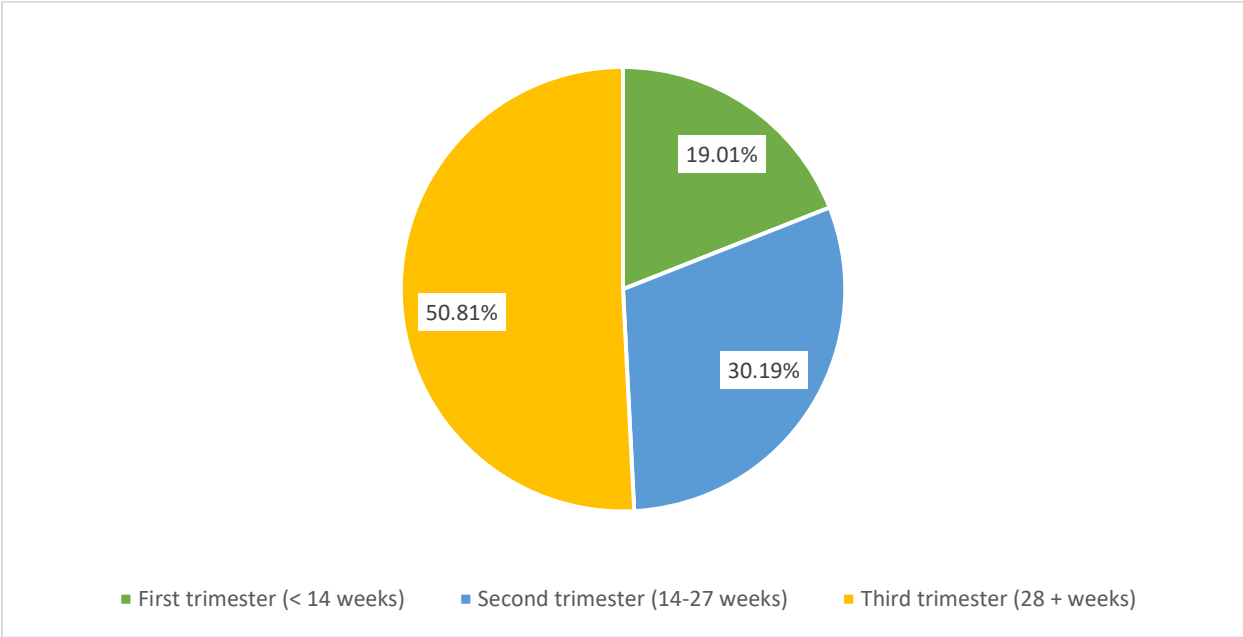
Figure 8. Infants born to term and preterm[∞], to women with a positive SARS-CoV-2 test result by maternal age, *nationwide, 2021.



CDC, <https://covid.cdc.gov/covid-data-tracker/#pregnant-birth-infant>

[∞]Preterm is before 37 weeks. To term is 37 weeks+

Figure 9. Births to mothers with a first positive SARS-CoV-2 test result by gestational age, nationwide, 2021.



CDC, [covid.cdc.gov/covid-data-tracker/#pregnant-birth-infant](https://www.cdc.gov/covid-data-tracker/#pregnant-birth-infant)