

TABLE 4. Adjusted^a Odds of Pregnancy Outcomes, Singleton Births, Active Component U.S. Service Women, 2021–2023

| Exposure | Eclampsia | | | Premature Rupture of Membrane | | | Pre-Term Labor or Delivery | | | Antepartum Hemorrhage | | |
|--|-----------|--------------------|--------------------|-------------------------------|--------------------|--------------------|----------------------------|--------------------|--------------------|-----------------------|--------------------|--------------------|
| | OR | 95% CI Lower Limit | 95% CI Upper Limit | OR | 95% CI Lower Limit | 95% CI Upper Limit | OR | 95% CI Lower Limit | 95% CI Upper Limit | OR | 95% CI Lower Limit | 95% CI Upper Limit |
| COVID-19 infection during pregnancy | | | | | | | | | | | | |
| Yes | 2.18 | 1.16 | 4.10 | 1.06 | 0.98 | 1.15 | 1.09 | 0.98 | 1.22 | 1.11 | 1.03 | 1.19 |
| No | Reference | — | — | Reference | — | — | Reference | — | — | Reference | — | — |
| COVID-19 infection prior to start of pregnancy | | | | | | | | | | | | |
| Yes | 0.95 | 0.43 | 2.07 | 1.06 | 0.98 | 1.14 | 0.98 | 0.88 | 1.10 | 1.18 | 1.10 | 1.26 |
| No | Reference | — | — | Reference | — | — | Reference | — | — | Reference | — | — |
| COVID-19 vaccination prior to start of pregnancy | | | | | | | | | | | | |
| Yes | 0.92 | 0.52 | 1.63 | 1.03 | 0.97 | 1.09 | 0.86 | 0.79 | 0.93 | 0.96 | 0.91 | 1.01 |
| No | Reference | — | — | Reference | — | — | Reference | — | — | Reference | — | — |
| COVID-19 vaccination during pregnancy | | | | | | | | | | | | |
| Yes | 0.85 | 0.43 | 1.68 | 1.05 | 0.98 | 1.12 | 1.06 | 0.97 | 1.16 | 0.98 | 0.92 | 1.04 |
| No | Reference | — | — | Reference | — | — | Reference | — | — | Reference | — | — |

Abbreviations: OR, odds ratio; CI, confidence interval; COVID-19, coronavirus disease 2019.

^aModels included COVID-19 infection during pregnancy, COVID-19 infection prior to start of pregnancy, COVID-19 vaccination during pregnancy, COVID-19 vaccination prior to start of pregnancy, age, race and ethnicity, number of prior deliveries, and any previously diagnosed comorbidity