Medical and Dental Care in Pregnancy

SD PRAMS, 2022

Diabetes

2.1%

of mothers had type-1 or type-2 diabetes in the three months before pregnancy 14.5%

of mothers had gestational diabetes

Mothers with gestational diabetes were <u>more likely</u> to report:

- Age 30 or older
- Maternal obesity before pregnancy
- Depression during pregnancy
- High blood pressure during pregnancy
- C-section delivery
- Preterm birth
- NICU admission

High Blood Pressure

5.6%

of mothers had high blood pressure in the three months before pregnancy 15.1%

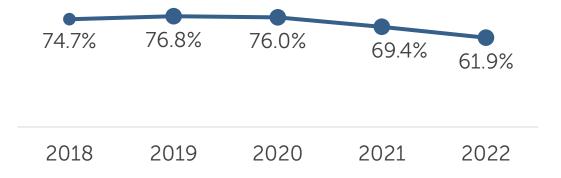
of mothers had high blood pressure that started during pregnancy

Mothers with high blood pressure during pregnancy were <u>more likely</u> to report:

- Maternal obesity before pregnancy
- Gestational diabetes
- Depression during pregnancy
- C-section delivery
- Baby having low birth weight (<2500)
- Preterm birth
- NICU admission

Flu Vaccine

In the last five years, the percentage of mothers who received the flu vaccine in the 12 months before the birth of their infant has declined (p<0.0001).



Mothers who <u>did not receive</u> the flu vaccine in the 12 months before the birth of their infant were <u>more likely</u> to report:

- Race as American Indian
- Less than high school education
- Lower income (less than \$48,000)
- Not married
- Attended <80% of PNC visits
- Gestational diabetes
- Depression during pregnancy

Dental Care

50.8%

of mothers reported having their teeth cleaned during their most recent pregnancy

Mothers who did not have their teeth cleaned during pregnancy were more likely to report:

- Younger age (less than 24 years)
- Less than high school education
- Not married
- Lower income
- Uninsured before pregnancy
- Smoking the 3 months before pregnancy
- Delayed or no prenatal care
- Attended <80% of prenatal care visits
- Emotional abuse during pregnancy
- Depression during pregnancy
- Having an ACE (adverse childhood experiences) score of 4 or higher

Reasons for not receiving dental care:

\$ 14.7%
Could not afford to go to the dentist



10.8%

Did not think it was safe during pregnancy



9.2%

Could not find a dentist that would take Medicaid



6.2%

U Could not find a dentist that would take pregnant patients



This data brief was created in May 2025 by Courtney Valencia, Callie Molengraaf, Tingting He, and Jenny Kerkvliet in the Population Health Evaluation Center at South Dakota State University through an interagency agreement with the SD Department of Health. Further information about the SD PRAMS can be obtained by contacting the Office of Child and Family Services at 605-367-8310.

