**Wyoming Pregnancy Risk Assessment Monitoring System**

 **(PRAMS)**

**2019 Surveillance Report**



**Wyoming Department of Health**

**Public Health Division**



**May 2021**

**Introduction**

The Wyoming Pregnancy Risk Assessment Monitoring System (PRAMS) is a surveillance program conducted in collaboration between the Centers for Disease Control and Prevention (CDC) and the Wyoming Department of Health.  Wyoming PRAMS is an ongoing population-based survey that collects data on select maternal experiences and behaviors that occur before, during and shortly after pregnancy.  The data gathered through the surveys are used to inform, develop, and evaluate maternal and infant health programs and policies in Wyoming.  Additionally, the data are used to track Wyoming’s progress toward national and state-specific pregnancy-related health objectives. Wyoming was awarded the PRAMS grant in 2006 and began collecting data in 2007.

PRAMS survey participants are sampled from a frame of eligible birth certificates which includes all live-born infants born to Wyoming-resident women, for whom a birth certificate is available. Wyoming PRAMS samples by maternal race and infant birth weight to ensure adequate representation of American Indian women and low birth weight infants.  Selected women are first contacted to complete the survey by mail.  If no response is received, attempts are made to reach the women by phone to complete the survey.

Final results are weighted to represent the cohort of Wyoming resident women who delivered a live birth infant in 2019. Caution is advised when interpreting and generalizing results to all pregnancies as only those with a live birth were included in the survey.  This excludes women that had a pregnancy end in fetal death, abortion, or miscarriage.

This report contains results by question from the 2019 Wyoming PRAMS survey.  Demographic characteristics of the mothers who completed the surveys and results to each question with their 95% confidence intervals are presented.  The weighted response rate for 2019 was 55%.

For more information about Wyoming PRAMS please visit our website: <https://health.wyo.gov/publichealth/chronic-disease-and-maternal-child-health-epidemiology-unit/mch-epi/pregnancy-risk-assessment-monitoring-system-prams/>

The Wyoming PRAMS Dashboard, with data from the 2016 to 2019 surveys, can also be accessed here: <https://sites.google.com/wyo.gov/wypramsdashboard/home>

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Demographic Information** |  |  |  |  |
| **Characteristic**  | **Sample n** | **Weighted Size** | **Weighted %** | **95% CI** |
| **Age** |  |  |  |  |
| <20 years | 33 | 342 | 5.3 | 3.3 – 8.3 |
| 20-24 | 121 | 1681 | 26.1 | 21.6 - 31.2 |
| 25-34 | 259 | 3504 | 54.4 | 49.0 – 59.7 |
| 35+ | 80 | 912 | 14.2 | 11.0 – 18.0 |
|   |   |   |   |   |
| **Mother's Race** |  |  |  |  |
| White | 354 | 5047 | 92.9 | 90.6 – 94.8 |
| American Indian | 65 | 207 | 3.8 | 3.6 – 4.0 |
| Black | *Insufficient Data to Report* |
| Asian Pacific Islander | 6 | 52 | 1.0 | 0.3 – 3.0 |
| Other | *Insufficient Data to Report* |
|   |   |   |   |   |
| **Hispanic Ethnicity** |  |  |  |  |
| No | 423 | 5369 | 85.4 | 91.0 – 88.9 |
| Yes | 60 | 917 | 14.6 | 11.1 – 19.0 |
|   |   |   |   |   |
| **Maternal Education** |  |  |  |  |
| <High School | 50 | 583 | 9.2 | 6.5 – 13.0 |
| High School | 108 | 1506 | 23.8 | 19.4 – 28.9 |
| >High School | 327 | 4240 | 67.0 | 61.6 – 72.0 |
|   |   |   |   |   |
| **Marital Status** |  |  |  |  |
| Married | 322 | 4342 | 67.4 | 62.1 – 72.3 |
| Not Married | 171 | 2096 | 32.6 | 27.7 – 37.9 |
|   |   |   |   |   |
| **Enrolled in WIC** |  |  |  |  |
| No | 350 | 4611 | 71.7 | 66.5 – 76.4 |
| Yes | 141 | 1819 | 28.3 | 23.6 – 33.5 |
|   |   |   |   |   |
| **Enrolled in Medicaid** |  |  |  |  |
| No | 291 | 3803 | 60.9 | 55.4 – 66.2 |
| Yes | 190 | 2440 | 39.1 | 33.8 – 44.6 |
|   |   |   |   |   |
| **Poverty Levels** |  |  |  |  |
| ≤ 100% | 153 | 1959 | 31.8 | 26.9 – 37.2 |
| 101 – 200% | 99 | 1314 | 21.3 | 17.2 – 26.2 |
| 201 – 300% | 64 | 827 | 13.4 | 10.1 – 17.6 |
| ≥ 301 % | 155 | 2057 | 33.4 | 28.5 – 38.7 |
| **Responses to 2019 PRAMS Survey** |
| **Table 1: From survey questions 1-2, Maternal Body Mass Index (BMI) immediately prior to pregnancy (derived from maternal report of height and weight), 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Maternal BMI, pre-pregnancy |  |  |  |
| Underweight (<18.5) | 76 | 1.2 | 0.5 – 2.7 |
| Normal (18.5-24.9) | 2650 | 42.0 | 36.7 – 47.4 |
| Overweight (25.0-29.9) | 1927 | 30.5 | 25.7 – 35.8 |
| Obese (≥30) | 1662 | 26.3 | 21.8 – 31.4 |
|  |  |  |  |
| **Table 2: From survey question 4, Prevalence of health conditions prior to pregnancy, 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Health conditions before pregnancy (% yes, all that apply) |  |  |  |
| Type 1 or Type 2 Diabetes | 109 | 1.7 | 0.9 – 3.4 |
| Hypertension | 194 | 3.0 | 1.7 – 5.4 |
| Depression | 1343 | 21.1 | 17.0 – 25.9 |
|  |  |  |  |
| **Table 3: From survey question 5, Prevalence of daily multivitamin or folic acid vitamin use in the month prior to pregnancy, 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Prenatal Vitamin Use |  |  |  |
| Never | 3278 | 50.9 | 45.6 – 56.3 |
| 1 – 3 Times per week | 484 | 7.5 | 5.2 – 10.8 |
| 4 – 6 Times per week | 619 | 9.6 | 6.9 – 13.3 |
| Every day of the week | 2057 | 31.9 | 27.2 – 37.1 |
|  |  |  |  |
| **Table 4: From survey question 6, Healthcare visit in the 12 months before pregnancy (including dental or mental health), 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Preconception Health Care Visit |  |  |  |
| No | 2078 | 32.5 | 27.6 – 37.9 |
| Yes | 4308 | 67.5 | 62.1 – 72.4 |
|  |  |  |  |
| **Table 5: From survey question 7, Type of healthcare visit in the 12 months before pregnancy, 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Type of health care visit (% yes, all that apply) |  |  |  |
| Check with my family doctor | 1554 | 35.9 | 30.0 – 42.2 |
| Checkup with my OB/GYN | 2350 | 54.2 | 47.7 – 60.5 |
| Illness or chronic condition | 881 | 20.3 | 15.7 – 26.0 |
| Injury | 329 | 7.6 | 4.8 – 11.9 |
| Family planning or birth control | 1006 | 23.2 | 18.1 – 29.2 |
| Depression or anxiety | 739 | 17.0 | 12.6 – 22.6 |
| Teeth cleaned by a dentist or dental hygienist | 2842 | 65.6 | 59.2 – 71.4 |
| Other | 738 | 17.0 | 12.6 – 22.6 |
|  |  |  |  |
| **Table 6: From survey question 8, Topics discussed by healthcare provider during the 12 months before pregnancy, 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Topics during preconception visits(% yes, all that apply) |  |  |  |
| Vitamin with folic acid | 1433 | 33.6 | 27.8 – 39.9 |
| Maintaining a Healthy Weight | 1224 | 28.5 | 23.0 – 34.7 |
| Control of medical conditions (Diabetes, HBP) | 446 | 10.4 | 7.1 – 15.0 |
| Desire to have Children | 1910 | 44.7 | 38.4 – 51.2 |
| Use of Birth Control | 166 | 38.8 | 32.7 – 45.3 |
| Improved pre-pregnancy health | 1233 | 28.9 | 23.3 – 35.1 |
| Sexually transmitted diseases | 856 | 19.9 | 15.2 – 25.7 |
| Smoking | 3412 | 79.8 | 73.9 – 84.6 |
| Emotional or physical abuse | 2205 | 51.6 | 45.1 – 58.0 |
| Depression | 2357 | 55.4 | 48.8 – 61.7 |
| Type of work | 2884 | 67.6 | 61.3 – 73.4 |
| Test for HIV | 896 | 21.3 | 16.4 – 27.3 |
|  |  |  |  |
| **Table 7: From survey question 9, Prevalence of insurance types before pregnancy, 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Source of insurance before pregnancy (% yes, all that apply) |  |  |  |
| Insurance from job (mother or partner) | 3011 | 46.8 | 41.5 – 52.1 |
| Insurance from my parents | 818 | 12.7 | 9.5 – 16.8 |
| Health Insurance Marketplace or HealthCare.gov | 321 | 5.0 | 3.1 – 8.0 |
| Medicaid | 1062 | 16.5 | 12.8 – 21.1 |
| Kid Care CHIP | 114 | 1.8 | 0.7 – 4.2 |
| Tricare or other military health care | 348 | 5.4 | 3.5 – 8.3 |
| Indian Health Service | 105 | 1.6 | 1.3 – 2.0 |
| Other | 127 | 2.0 | 0.9 – 4.2 |
| No health insurance | 950 | 14.8 | 11.2 – 19.2 |
|  |  |  |  |
| **Table 8: From survey question 10, Prevalence of insurance types during pregnancy, 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Source of insurance during pregnancy (% yes, all that apply)  |  |  |  |
| No prenatal care | 179 | 2.8 | 1.4 – 5.3 |
| Insurance from job (mother or partner) | 3030 | 48.5 | 43.1 – 54.0 |
| Insurance from my parents | 366 | 5.9 | 3.8 – 9.0 |
| Health Insurance Marketplace or HealthCare.gov | 388 | 6.2 | 4.0 – 9.6 |
| Medicaid | 2440 | 39.1 | 33.8 – 44.6 |
| Kid Care CHIP | *Insufficient Data to Report* |
| Tricare or other military health care | 329 | 5.3 | 3.3 – 8.2 |
| Indian Health Service | 118 | 1.9 | 1.2 – 3.0 |
| Other | 121 | 1.9 | 0.9 – 4.3 |
| No health insurance | 261 | 4.2 | 2.4 – 7.2 |
|  |  |  |  |
| **Table 9: From survey question 11, Prevalence of insurance types 3 months after delivery, 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Source of insurance after delivery (% yes, all that apply)  |  |  |  |
| Insurance from job (mother or partner) | 2998 | 46.6 | 41.3 – 51.9 |
| Insurance from my parents | 445 | 6.9 | 4.7 – 10.2 |
| Health Insurance Marketplace or HealthCare.gov | 386 | 6.0 | 3.9 – 9.2 |
| Medicaid | 1332 | 20.8 | 16.7 – 25.6 |
| Kid Care CHIP | 125 | 1.9 | 0.9 – 4.3 |
| Tricare or other military health care | 329 | 5.1 | 3.2 – 8.2 |
| Indian Health Service | 98 | 1.5 | 1.2 – 1.9 |
| Other | 147 | 2.3 | 1.1 – 4.5 |
| No health insurance | 1022 | 15.9 | 12.1 – 20.5 |
|  |  |  |  |
| **Table 10: From survey question 12, Feelings about becoming pregnant prior to this pregnancy, 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Pregnancy feelings |  |  |  |
| Wanted later | 1108 | 17.6 | 13.8 – 22.2 |
| Wanted sooner | 1235 | 19.6 | 15.6 – 24.2 |
| Wanted right then | 2840 | 45.0 | 39.7 – 50.5 |
| Wanted never | 260 | 4.1 | 2.4 – 7.0 |
| Unsure | 866 | 13.7 | 10.4 – 17.9 |
|  |  |  |  |
| **Table 11: From survey question 13, Timing of entry to prenatal care, 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Initiated care in 1st trimester |  |  |  |
| Yes | 5471 | 86.6 | 82.4 – 90.0 |
| No | 794 | 12.6 | 9.3 – 16.7 |
| No PNC | *Insufficient Data to Report* |
|  |  |  |  |
| **Table 12: From survey question 14, Topics discussed by health care providers during prenatal care visits, 2019 WY PRAMS** |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Topics during prenatal care visits (% yes, all that apply) |  |  |  |
| Weight gain during pregnancy | 3360 | 46.2 | 40.8 – 51.7 |
| Prescription medication | 6034 | 95.6 | 92.5 – 97.4 |
| Smoking | 6108 | 96.7 | 93.9 – 98.2 |
| Alcohol | 6086 | 96.0 | 93.1 – 97.7 |
| Emotional or physical abuse | 4332 | 68.6 | 63.3 – 73.4 |
| Depression | 5004 | 79.2 | 74.5 – 83.3 |
| Illegal drug use (Marijuana, cocaine, etc.) | 5309 | 84.0 | 79.7 – 87.6 |
| HIV Testing | 3284 | 54.4 | 48.8 – 59.8 |
| Breastfeeding | 5782 | 91.6 | 88.2 – 94.1 |
| Postpartum Birth Control | 5131 | 81.8 | 77.3 – 85.5 |
|  |  |  |  |
| **Table 13: From survey question 15, Healthcare worker offered or told to get a flu shot in 12 months before delivery, 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Offered or told to get flu shot |  |  |  |
| No | 658 | 10.3 | 7.4 – 14.1 |
| Yes | 5742 | 89.7 | 85.9 – 92.6 |
|  |  |  |  |
| **Table 14: From survey question 16, Receipt of flu shot in 12 months before delivery, 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Received flu shot |  |  |  |
| No | 2164 | 34.0 | 29.0 – 39.4 |
| Yes, before pregnancy | 536 | 8.4 | 6.0 – 11.8 |
| Yes, during pregnancy | 3665 | 57.6 | 52.1 – 62.8 |
|  |  |  |  |
| **Table 15: From survey questions 17, Had teeth cleaned by a dentist or dental hygienist during pregnancy, 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Teeth cleaned during pregnancy |  |  |  |
| No | 3151 | 49.2 | 43.8 – 54.6 |
| Yes | 3258 | 50.8 | 45.4 – 56.2 |
|  |  |  |  |
| **Table 16: From survey question 18, Prevalence of prenatal home visitation, 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Received a prenatal home visit |  |  |  |
| No | 6023 | 95.8 | 90.4 – 95.8 |
| Yes | 412 | 6.4 | 4.2 – 9.6 |
|  |  |  |  |
| **Table 17: From survey question 19, Thoughts about breastfeeding new baby, 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Thoughts about breastfeeding |  |  |  |
| I knew I would | 5253 | 81.6 | 77.2 – 85.4 |
| Thought I might | 661 | 10.3 | 7.5 – 13.9 |
| Knew I would not | 430 | 6.7 | 4.4 – 10.1 |
| Didn’t know | 90 | 1.4 | 0.7 – 3.0 |
|  |  |  |  |
| **Table 18: From survey question 20, Prevalence of select health conditions during pregnancy, 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Health conditions(% yes, all that apply) |  |  |  |
| Gestational diabetes | 375 | 5.9 | 3.9 – 8.8 |
| High Blood Pressure starting during pregnancy, pre-eclampsia, eclampsia | 881 | 13.7 | 10.5 – 17.7 |
| Depression | 1422 | 22.3 | 18.1 – 27.1 |
|  |  |  |  |
| **Table 19: From survey question 21 - 24, Prevalence of maternal tobacco use prior to, during, and after pregnancy, 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Tobacco use in past 2 years |  |  |  |
| No | 4733 | 73.6 | 68.5 – 78.1 |
| Yes | 1701 | 26.4 | 21.9 – 31.5 |
|  |  |  |  |
| Tobacco use 3 months prior to pregnancy |  |  |  |
| No | 4895 | 76.4 | 71.4 – 80.7 |
| Yes | 1514 | 23.6 | 19.3 – 28.6 |
|  |  |  |  |
| Tobacco use during last 3 months of pregnancy |  |  |  |
| No | 5675 | 88.6 | 84.6 – 91.6 |
| Yes | 734 | 11.4 | 8.4 – 15.4 |
|  |  |  |  |
| Tobacco use now |  |  |  |
| No | 5518 | 86.4 | 82.2 – 89.8 |
| Yes | 865 | 13.6 | 10.2 – 17.8 |
|  |  |  |  |
| Changes in tobacco use during pregnancy |  |  |  |
| Non smoker | 4879 | 76.1 | 71.2 – 80.5 |
| Smoker quit | 796 | 12.4 | 9.2 – 16.6 |
| Smoker reduced | 439 | 6.9 | 4.6 – 10.1 |
| Smoker same/more | 279 | 4.3 | 2.6 – 7.3 |
|  |  |  |  |
| **Table 20: From survey question 25-27, Prevalence of electronic nicotine products (including E-cigarettes) and other methods of nicotine delivery prior to and during pregnancy, 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Electronic nicotine products in past two years |  |  |  |
| No | 5694 | 89.2 | 85.3 – 92.2 |
| Yes | 691 | 10.8 | 7.8 – 14.7 |
|  |  |  |  |
| Hookah Use in past 2 years |  |  |  |
| No | 6181 | 98.0 | 95.7 – 99.1 |
| Yes | 126 | 2.0 | 0.9 – 4.3 |
|  |  |  |  |
| Chewing tobacco, snuff, snus, or dip in past 2 years |  |  |  |
| No | 6066 | 96.8 | 94.2 – 98.3 |
| Yes | 198 | 3.2 | 1.7 – 5.8 |
|  |  |  |  |
| Electronic nicotine use 3 months prior to pregnancy |  |  |  |
| No | 5833 | 90.6 | 86.8 – 93.4 |
| Yes | 605 | 9.4 | 6.6 – 13.1 |
|  |  |  |  |
| Electronic nicotine use during pregnancy |  |  |  |
| No | 6345 | 98.6 | 96.8 – 99.4 |
| Yes | 93 | 1.4 | 0.6 – 3.7 |
|  |  |  |  |
| Changes in electronic nicotine use during pregnancy |  |  |  |
| Non-user | 5830 | 90.6 | 86.8 – 93.4 |
| User quit | 512 | 8.0 | 5.4 – 11.5 |
| User reduced | *Insufficient Data to Report* |
| Used | *Insufficient Data to Report* |
|  |  |  |  |
| **Table 21: From survey questions 28-30, Prevalence of maternal alcohol consumption and binge drinking prior to and during pregnancy, 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Alcohol use in past 2 years |  |  |  |
| No | 1697 | 26.4 | 22.0 – 31.5 |
| Yes | 4719 | 73.6 | 68.5 – 78.0 |
|  |  |  |  |
| Alcohol use 3 months prior to pregnancy |  |  |  |
| No | 2145 | 33.6 | 28.7 – 38.9 |
| Yes | 4231 | 66.4 | 61.1 – 71.3 |
|  |  |  |  |
| Alcohol use during last 3 months of pregnancy |  |  |  |
| No | 5947 | 92.8 | 89.6 – 95.1 |
| Yes | 460 | 7.2 | 4.9 – 10.4 |
|  |  |  |  |
| Change in alcohol during pregnancy |  |  |  |
| Non drinker | 2116 | 33.3 | 28.5 – 38.6 |
| Drinker quit | 3786 | 59.7 | 54.3 – 64.8 |
| Drinker reduced | 225 | 3.5 | 2.2 – 5.8 |
| Drinker same/more | 190 | 3.0 | 1.5 – 5.7 |
|  |  |  |  |
| **Table 22: From survey question 31, Prevalence of stressful life events during pregnancy, 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Maternal stressors in 12 months before baby was born (% yes, all that apply) |  |  |  |
| Family member sick | 1580 | 24.9 | 20.5 – 29.9 |
| Separation/divorce | 484 | 7.6 | 5.1 – 11.2 |
| Moved to new address | 2153 | 33.7 | 28.8 – 39.0 |
| Homeless | 151 | 2.4 | 1.2 – 4.7 |
| Partner lost job | 774 | 12.2 | 9.0 – 16.3 |
| Mother lost job | 543 | 8.5 | 5.8 – 12.2 |
| Cut in work hours or pay | 1146 | 18.1 | 14.2 – 22.7 |
| Apart from husband or partner | 514 | 8.1 | 5.5 – 11.7 |
| Argued with partner more | 1311 | 20.7 | 16.7 – 25.3 |
| Partner said didn’t want pregnancy | 306 | 4.8 | 3.0 – 7.6 |
| Had bills couldn’t pay | 1110 | 17.4 | 13.6 – 22.1 |
| Partner or Mom went to jail | 316 | 5.0 | 3.1 – 8.0 |
| Someone close had problem with drinking/drugs | 1157 | 18.1 | 14.3 – 22.7 |
| Someone close died | 1231 | 19.3 | 15.4 – 24.0 |
|  |  |  |  |
| **Table 23: From survey question 32, Food insecurity\* 12 months before delivery, 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Experienced food insecurity |  |  |  |
| No | 5718 | 90.2 | 86.3 – 93.0 |
| Yes | 624 | 9.8 | 7.0 – 13.7 |
|  |  |  |  |
| \* Reported eating less than needed due to lack of money to buy food.  |  |  |
|  |  |  |  |
| **Table 24: From survey question 33, Emotionally upset 12 months before delivery due to racial bias, 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Experienced racial bias |  |  |  |
| No | 6173 | 96.3 | 93.8 – 97.9 |
| Yes | 234 | 3.7 | 2.1 – 6.2 |
|  |  |  |  |
| **Table 25: From survey question 34-35, Physical abuse before and during pregnancy, 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Physical abuse *before* pregnancy\*(% yes, all that apply) |  |  |  |
| Husband or partner | 197 | 3.2 | 1.7 – 5.7 |
| Ex-husband or ex-partner | 66 | 1.1 | 0.4 – 2.6 |
| Another family member | 116 | 1.8 | 0.8 – 4.3 |
| Someone else | 192 | 3.1 | 1.3 – 5.8 |
|  |  |  |  |
| Physical abuse *during* pregnancy\* (% yes, all that apply) |  |  |  |
| Husband or partner | 128 | 2.0 | 1.0 – 4.3 |
| Ex-husband or ex-partner | 66 | 1.1 | 0.4 – 2.6 |
| Another family member | *Insufficient Data to Report* |
| Someone else | 81 | 1.3 | 0.5 – 3.3 |
|  |  |  |  |
| \*Includes mothers 18 and older only |  |  |  |
|  |  |  |  |
| **Table 26: From survey question 37-38, Induction of labor, 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Was labor induced? |  |  |  |
| No | 3257 | 51.0 | 45.6 – 56.4 |
| Yes | 3132 | 49.0 | 43.6 – 56.4 |
|  |  |  |  |
| Reasons for induction(% yes, all that apply) |  |  |  |
| My water broke – fear of infection | 413 | 13.1 | 8.7 – 19.1 |
| Past my due date | 695 | 22.0 | 16.1 – 29.4 |
| Concern about size of the baby | 377 | 11.9 | 8.0 – 17.5 |
| Baby not doing well – needed to be born | 77 | 2.4 | 1.1 – 5.3 |
| Complication in my pregnancy | 540 | 17.1 | 12.3 – 23.3 |
| Wanted to schedule my delivery | 748 | 23.7 | 17.7 – 31.0 |
| Wanted a specific health care provider | 515 | 16.3 | 11.1 – 23.3 |
| Other | 901 | 28.7 | 22.0 – 36.4 |
|  |  |  |  |
| **Table 27: From survey question 39, Delivery Method, 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Delivery Method |  |  |  |
| Vaginal | 4762 | 74.6 | 69.7 – 78.9 |
| Cesarean delivery | 1624 | 25.4 | 21.1 – 30.3 |
|  |  |  |  |
| **Table 28: From survey question 40, Reason for cesarean delivery, 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Reason for cesarean delivery (% yes, all that apply) |  |  |  |
| Previous cesarean delivery | 868 | 52.1 | 41.9 – 62.1 |
| Baby was in the wrong position (i.e. breech) | 249 | 14.9 | 9.4 – 22.9 |
| Past my due date | *Insufficient Data to Report* |
| Concern about size of baby | 91 | 5.4  | 2.2 – 12.9 |
| Medical condition making labor dangerous | 82 | 4.9 | 1.9 – 12.1 |
| Pregnancy complication | 276 | 16.6 | 10.9 – 24.5 |
| Induction didn’t work | 234 | 14.2 | 8.2 – 23.4 |
| Labor was taking too long | 253 | 15.2 | 9.1 – 24.3 |
| Fetal distress | 353 | 21.2 | 14.1 – 30.7 |
| Wanted to schedule my delivery | 112 | 6.7 | 3.1 – 14.1 |
| Didn’t want to have my baby vaginally | *Insufficient Data to Report* |
| Other | 225 | 13.5 | 8.1 – 21.6 |
| **Table 29: From survey questions 41, Length of infant hospital stay at birth, 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Baby stay in hospital |  |  |  |
| < 1 day | 335 | 5.2 | 3.2 – 8.4 |
| 1 to 2 days | 4060 | 63.3 | 58.0 – 68.3 |
| 3 to 5 days | 1605 | 25.0 | 20.6 – 30.0 |
| 6 – 14 days | 176 | 2.7 | 1.8 – 4.3 |
| 14+ days | 161 | 2.5 | 1.7 – 3.6 |
| Not born in a hospital | *Insufficient Data to Report* |
| Still in the hospital | *Insufficient Data to Report* |
|  |  |  |  |
| **Table 30: From survey questions 42-43, Infant alive now, infant living with mother, 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Infant alive now? |  |  |  |
| No | *Insufficient Data to Report* |
| Yes | 6323 | 99.5 | 97.6 – 99.9 |
|  |  |  |  |
| Infant living with mother |  |  |  |
| No | *Insufficient Data to Report* |
| Yes | 6287 | 99.2 | 97.5 – 99.7 |
|  |  |  |  |
| **Table 31: From survey questions 44, Breastfeeding information sources, 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Sources of breastfeeding information(% yes, all that apply) |  |  |  |
| Doctor | 4290 | 71.0 | 65.7 – 75.8 |
| Nurse, midwife, or doula | 4380 | 73.2 | 67.9 – 77.9 |
| Breastfeeding or lactation specialist | 4342 | 71.4 | 66.1 – 76.1 |
| Baby’s doctor or health care provider | 3570 | 60.6 | 54.9 – 65.9 |
| Breastfeeding support group | 857 | 14.7 | 11.2 – 19.2 |
| Breastfeeding hotline or toll-free number | 193 | 3.3 | 1.9 – 5.9 |
| Family or friends | 3651 | 62.3 | 56.7 – 67.5 |
| Other | 642 | 14.3 | 10.2 – 19.7 |
|  |  |  |  |
| **Table 32: From survey questions 45-47, Prevalence of breastfeeding initiation and duration, 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Breastfeeding initiation (ever) |  |  |  |
| No | 506 | 8.1 | 5.5 – 11.6 |
| Yes | 5770 | 91.9 | 88.4 – 94.5 |
|  |  |  |  |
| Duration of breastfeeding (to at least 4 weeks) |  |  |  |
| No | 1186 | 19.0 | 15.1 – 23.7 |
| Yes | 5045 | 81.0 | 76.3 – 84.9 |
|  |  |  |  |
| Duration of breastfeeding (to at least 8 weeks) |  |  |  |
| No | 1603 | 25.7 | 21.2 – 30.8 |
| Yes | 4628 | 74.3 | 69.2 – 78.8 |
|  |  |  |  |
| **Table 33: From survey question 48, Reasons for stopping breastfeeding, 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Reasons for discontinuation among women that discontinued. (% yes, all that apply) |  |  |  |
| Difficulty latching or nursing | 847 | 40.8 | 31.5 – 50.5 |
| Breast milk did not satisfy baby | 744 | 35.8 | 27.2 – 45.4 |
| Baby was not gaining enough weight | 403 | 19.4 | 12.8 -28.3 |
| Nipples sore, cracked, bleeding, painful | 440 | 21.2 | 14.3 – 30.3 |
| Wasn’t producing enough milk | 1168 | 56.2 | 46.6 – 65.4 |
| Too many household duties | 389 | 18.7 | 12.1 – 27.7 |
| Right time to stop | 167 | 8.0 | 4.2 – 14.9 |
| Medical reason | 167 | 8.0 | 4.2 – 14.9 |
| Went back to work | 497 | 23.9 | 16.6 – 33.2 |
| Went back to school | *Insufficient Data to Report* |
| Partner did not support breastfeeding | *Insufficient Data to Report* |
| Infant became jaundiced | 199 | 9.6 | 5.3 – 16.6 |
| Other | 416 | 20.3 | 13.7 – 28.9 |
| **Table 34: From survey question 49, Hospital-based breastfeeding practices, 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Hospital Breastfeeding Practices (% yes, all that apply) |  |  |  |
| Hospital staff gave me information | 5205 | 92.1 | 88.3 – 94.8 |
| Baby stayed in the same room with me | 5383 | 94.4 | 92.2 – 96.0 |
| I breastfed my baby in the hospital | 5408 | 94.9 | 92.2 – 96.6 |
| Hospital staff helped me learn | 4289 | 76.0 | 70.6 – 80.6 |
| Breastfed in the first hour after birth | 4356 | 77.6 | 72.7 – 81.8 |
| Skin-to-skin contact in the first hour after birth | 4737 | 83.5 | 79.0 – 87.2 |
| Fed only breastfed milk at the hospital | 3816 | 67.5 | 62.0 – 72.5 |
| I could breastfeed whenever my baby wanted | 4774 | 85.9 | 81.6 – 89.4 |
| Hospital gave me a breast pump to use | 1827 | 32.2 | 27.2 – 37.7 |
| Hospital gave me a gift pack with formula | 2878 | 50.7 | 45.0 – 56.4 |
| Hospital gave me a telephone number for help | 4195 | 75.1 | 69.8 – 79.7 |
| Hospital staff gave my baby a pacifier | 3883 | 68.6 | 63.0 – 73.7 |
|  |  |  |  |
| **Table 35: From survey question 50-52, Prevalence of infant sleep position and location, 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Sleep position |  |  |  |
| Side | 791 | 12.8 | 9.4 – 17.2 |
| Back | 5105 | 82.3 | 77.5 – 86.3 |
| Stomach | 216 | 3.5 | 2.0 – 6.1 |
| Side/Back | *Insufficient Data to Report* |
|  |  |  |  |
| Sleeps alone in crib or bed |  |  |  |
| Always | 3306 | 53.0 | 47.5 – 58.4 |
| Often | 1219 | 19.5 | 15.6 – 24.2 |
| Sometimes | 578 | 9.3 | 6.6 – 13.0 |
| Rarely | 300 | 4.8 | 3.0 – 7.7 |
| Never | 834 | 13.4 | 10.0 – 17.7 |
|  |  |  |  |
| Sleeps in same room as mother |  |  |  |
| No | 911 | 16.9 | 13.0 – 21.6 |
| Yes | 4487 | 83.1 | 78.4 – 87.0 |
|  |  |  |  |
| **Table 36: From survey question 53, Infant sleep environment, 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Sleep environment elements (% yes, all that apply) |  |  |  |
| Crib, bassinet, pack and play | 5399 | 86.5 | 82.3 – 89.9 |
| Mattress | 2070 | 34.5 | 29.3 – 40.0 |
| Couch, sofa, or armchair | 818 | 13.6 | 10.1 – 18.1 |
| Infant car seat or swing | 3262 | 53.8 | 48.3 – 59.3 |
| In sleeping sack or wearable blanket | 2755 | 45.5 | 40.0 – 51.0 |
| With blanket | 3654 | 59.8 | 54.3 – 65.0 |
| With toys, cushions, or pillows | 830 | 13.8 | 10.2 – 18.3 |
| With crib bumper pads | 699 | 11.7 | 8.5 – 15.8 |
|  |  |  |  |
| **Table 37: From survey question 54, Sleep environment education by healthcare professional,2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Sleep environment education (% yes, all that apply) |  |  |  |
| Infant should be placed on back to sleep | 5659 | 90.8 | 87.0 – 93.6 |
| Infant should sleep in crib, bassinet, or pack and play | 5045 | 81.6 | 76.9 – 85.6 |
| Infant should sleep in mother’s room | 3304 | 53.2 | 47.7 – 58.6 |
| What should and should not be in infant’s bed | 5145 | 82.3 | 77.7 – 86.1 |
|  |  |  |  |
| **Table 38: From survey question 55, Prevalence of postnatal home visitation, 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Received a postnatal home visit |  |  |  |
| No | 4804 | 76.0 | 71.2 – 80.2 |
| Yes | 1517 | 24.0 | 19.8 – 28.8 |
|  |  |  |  |
| **Table 39: From survey questions 56-58, Prevalence of contraception use postpartum and reasons for not using a contraception method, 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Current birth control use |  |  |  |
| Not currently using | 1238 | 19.5 | 15.6 – 24.1 |
| Currently using | 5104 | 80.5 | 75.9 – 84.4 |
|  |  |  |  |
| If no current birth control, why not. (% yes, all that apply) |  |  |  |
| Want to get pregnant | 211 | 16.7 | 9.3 – 28.0 |
| Pregnant now | *Insufficient Data to Report* |
| Tubes Tied or Blocked | 126 | 10.0 | 4.8 – 19.6 |
| Don’t want to use | 565 | 44.7 | 33.3 – 56.7 |
| Side effects of birth control | 329 | 26.0 | 17.1 – 37.5 |
| Not having sex (abstinence) | 355 | 28.1 | 18.6 – 39.9 |
| Husband or partner doesn’t want to use | 113 | 9.0 | 3.8 – 19.8 |
| Problems paying for birth control | 138 | 10.9 | 5.0 – 22.3 |
| Other | 229 | 18.1 | 10.6 – 29.2 |
|  |  |  |  |
| If currently using birth control, what kind (% yes, all that apply) |  |  |  |
| Tubes tied or blocked  | 562 | 10.9 | 7.7 – 15.2 |
| Vasectomy | 211 | 4.1 | 2.2 – 7.4 |
| Birth control pills | 1454 | 28.2 | 23.2 – 33.9 |
| Condoms | 1477 | 28.7 | 23.5 – 34.5 |
| Shots or Injection | 183 | 3.6 | 1.9 – 6.4 |
| Contraceptive patch or ring | 83 | 1.6 | 0.7 – 3.9 |
| IUD | 1048 | 20.4 | 15.9 – 25.7 |
| Contraceptive Implant in the arm | 383 | 7.4 | 4.8 – 11.4 |
| Natural family planning | 288 | 5.6 | 3.5 – 8.9 |
| Withdrawal | 905 | 17.6 | 13.4 – 22.7 |
| Not having sex (abstinence) | 616 | 12.0 | 8.5 – 16.5 |
| Other | *Insufficient Data to Report* |
|  |  |  |  |
| **Table 40: From survey question 59-60, Prevalence of postpartum check-up, 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Received a postpartum check-up |  |  |  |
| No | 537 | 8.5 | 5.9 – 12.1 |
| Yes | 5789 | 91.5 | 87.9 – 94.1 |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Postpartum health education discussion(% yes, all that apply) |  |  |  |
| Vitamin with folic acid use | 3044 | 52.9 | 47.2 – 58.5 |
| Healthy eating, exercise, and weight loss | 3038 | 52.6 | 46.9 – 58.2 |
| Pregnancy spacing | 2661 | 46.1 | 40.5 – 51.8 |
| Options for Birth Control Methods | 4998 | 86.2 | 81.8 – 89.7 |
| Give or prescribe contraceptive methods such as pill, patch, shot, NuvaRing, or condoms | 2462 | 43.0 | 37.5 – 48.7 |
| Insert IUD or contraceptive implant | 1413 | 24.6 | 19.9 – 29.9 |
| Smoking | 3647 | 63.1 | 57.5 – 68.3 |
| Emotional or physical abuse | 3183 | 55.1 | 49.4 – 60.6 |
| Depression | 5235 | 90.3 | 86.3 – 93.2 |
| Tested for diabetes | 846 | 14.7 | 11.0 – 19.2 |
|  |  |  |  |
| **Table 41: From survey questions 61-62, Prevalence of maternal postpartum depressive symptoms, 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Postpartum depressive symptoms |  |  |  |
| Down, depressed, hopeless |  |  |  |
| Rarely/Never | 3881 | 60.9 | 55.5 – 66.1 |
| Sometimes | 1775 | 27.9 | 23.2 – 33.0 |
| Always/Often | 713 | 11.2 | 8.2 – 15.0 |
| Little interest or pleasure in doing things |  |  |  |
| Rarely/Never | 4459 | 70.0 | 64.9 – 74.8 |
| Sometimes | 1287 | 20.2 | 16.2 – 24.9 |
| Always/Often | 620 | 13.4 | 7.0 – 13.4 |
| Depression indicator\* |  |  |  |
| No | 5390 | 84.7 | 80.4 – 88.2 |
| Yes | 976 | 15.3 | 11.8 – 19.6 |
| \*Yes indicates mother answered often or always to one or both questions about depression |
|  |  |  |  |
| **Table 42: From survey question 63, Experienced threatening or controlling behavior from a partner before, during, and after pregnancy, 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Experienced threatening or controlling behavior by partner (% yes, all that apply)  |  |  |  |
| 12 months before pregnancy | 295 | 4.8 | 2.9 – 7.7 |
| During pregnancy | 296 | 4.8 | 2.9 – 7.6 |
| After delivery | 279 | 4.5 | 2.6 – 7.6 |
| \*Includes mothers 18 and older only |  |
|  |  |  |  |
| **Table 43: From survey question 64, Drug use in the month before pregnancy, 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Types of drugs used(% yes, all that apply)  |  |  |  |
| Over-the-counter pain relievers | 4799 | 75.7 | 70.8 – 80.0 |
| Prescription pain relievers | 181 | 2.8 | 1.6 – 5.1 |
| Stimulants | 115 | 1.8 | 0.8 – 4.1 |
| Marijuana or harsh | 554 | 8.7 | 6.1 – 12.3 |
| Synthetic marijuana | *Insufficient Data to Report* |
| Methadone, Naloxone, Subutex, Suboxone | *Insufficient Data to Report* |
| Heroin | *Insufficient Data to Report* |
| Amphetamines | *Insufficient Data to Report* |
| Cocaine | *Insufficient Data to Report* |
| Tranquilizers | *Insufficient Data to Report* |
| Hallucinogens | 44 | 1.0 | 0.3 – 1.6 |
| Sniffing gasoline, glue, aerosols, huffing | *Insufficient Data to Report* |
|  |  |  |  |
| **Table 44: From survey question 68, Total Household Income, 2019 WY PRAMS** |
|  |  |  |  |
| **Question** | **Weighted n** | **Weighted %** | **95% CI** |
| Total household income in the 12 months before the baby was born |  |  |  |
| $16,000 or less | 1020 | 16.6 | 12.9 – 21.1 |
| $16,001 - $20,000 | 570 | 9.3 | 6.4 – 13.2 |
| $20,001 - $24,000 | 460 | 7.5 | 4.9 – 11.1 |
| $24,001 - $28,000 | 281 | 4.6 | 2.7 – 7.5 |
| $28,001 - $32,000 | 267 | 4.3 | 2.5 – 7.4 |
| $32,001 - $40,000 | 300 | 4.9 | 3.0 – 7.8 |
| $40,001 – $48,000 | 232 | 3.8 | 2.2 – 6.5 |
| $48,001 - $57,000 | 394 | 6.4 | 4.2 – 9.6 |
| $57,001 - $60,000 | 146 | 2.4 | 1.2 – 4.6 |
| $60,001 – $73,000 | 498 | 8.1 | 5.5 – 11.7 |
| $73,001 - $85,000 | 377 | 6.1 | 3.9 – 9.4 |
| $85,001 or more | 1611 | 26.2 | 21.7 – 31.2 |