

# VA PRAMS FACTS- 2020

## By Race/Ethnicity

The Virginia Pregnancy Risk Assessment Monitoring System (PRAMS) is an ongoing, population-based survey of women who have delivered an infant in Virginia and is part of a national initiative by the U.S. Centers for Disease Control and Prevention (CDC) to reduce infant morbidity and mortality. PRAMS gives a voice to thousands of new mothers each year, providing quality data for VDH and other policy-makers. PRAMS data can be used to identify women and infants at high risk for health problems, to measure progress towards goals in improving health status, to investigate emerging issues, and so much more! In 2020, 944 mothers completed the survey (52% Non-Hispanic White, 16% Non-Hispanic Black, 22% Hispanic, and 10% Other). PRAMS data is collected using methods to ensure that it is representative of all new moms in a particular year.

| Selected Indicators   | NH White                    |                                   | NH Black                    |                                   | Hispanic                    |                                   |
|---|-----------------------------|-----------------------------------|-----------------------------|-----------------------------------|-----------------------------|-----------------------------------|
|   | Percentage (%) <sup>1</sup> | Estimated Population <sup>2</sup> | Percentage (%) <sup>1</sup> | Estimated Population <sup>2</sup> | Percentage (%) <sup>1</sup> | Estimated Population <sup>2</sup> |
| <b>Pregnancy Intention</b>  |                             |                                   |                             |                                   |                             |                                   |
| • Unintended Pregnancy  | 34.15                       | 15,733                            | 63.86                       | 9,434                             | 53.11                       | 10,339                            |
| • Mistimed pregnancy- wanted to become pregnant later/never           | 18.69                       | 8,613                             | 33.95                       | 4,999                             | 26.45                       | 5,096                             |
| <b>Among multiparous mothers</b>                                      |                             |                                   |                             |                                   |                             |                                   |
| • 1 or more previous live births                                      | 58.07                       | 27,033                            | 59.78                       | 8,841                             | 61.65                       | 11,800                            |
| • Previous preterm birth delivery                                     | 3.02                        | 1,407                             | 2.06                        | 303                               | 4.45                        | 867                               |
| <b>Chronic Disease</b>  |                             |                                   |                             |                                   |                             |                                   |
| • Type I or II Diabetes   | 0.59                        | 273                               | 5.01                        | 738                               | 4.45                        | 840                               |
| • Hypertension of High Blood Pressure                                 | 3.60                        | 1,676                             | 2.63                        | 338                               | 4.42                        | 835                               |
| • Depression  | 14.60                       | 6,788                             | 14.89                       | 2,195                             | 6.71                        | 1,268                             |
| <b>Smoked in last 2 years</b>   |                             |                                   |                             |                                   |                             |                                   |
| • Among Smokers- Smoked 3 months before pregnancy                     | 87.85                       | 8,337                             | 98.46                       | 1,996                             | 0.00                        | 0                                 |
| <b>Drank in last 2 years</b>  |                             |                                   |                             |                                   |                             |                                   |
| • Among Drinkers- Drank 3 months before pregnancy                     | 88.61                       | 30,511                            | 85.15                       | 6,729                             | 87.14                       | 5,848                             |
| Abused by husband/partner before pregnancy                            | 1.50                        | 692                               | 1.64                        | 242                               | 0.00                        | 0                                 |
| Daily vitamin use 1 month before pregnancy                            | 53.74                       | 25,017                            | 42.12                       | 6,229                             | 39.96                       | 7,791                             |
| <b>Prenatal Care</b>  |                             |                                   |                             |                                   |                             |                                   |
| • Inadequate prenatal care according to Kotelchuck index <sup>4</sup> | 9.28                        | 4,297                             | 14.49                       | 2,140                             | 21.63                       | 4,217                             |
| • Began prenatal care during first trimester                          | 95.31                       | 44,370                            | 96.56                       | 14,278                            | 92.44                       | 18,025                            |
| • No insurance to pay for prenatal care                               | 1.74                        | 800                               | 0.00                        | 0                                 | 18.32                       | 3,495                             |
| Tested for HIV during pregnancy                                       | 23.77                       | 8,071                             | 58.22                       | 4,158                             | 38.07                       | 2,506                             |
| <b>Dental Indicators during pregnancy</b>                             |                             |                                   |                             |                                   |                             |                                   |
| • Discussed how to care for teeth and gums with healthcare worker     | 54.80                       | 25,048                            | 56.11                       | 8,177                             | 40.94                       | 7,888                             |
| • Went to the dentist about a problem                                 | 12.29                       | 5,490                             | 7.50                        | 1,108                             | 7.69                        | 1,483                             |
| • Needed to see a dentist for a problem                               | 14.21                       | 6,349                             | 16.49                       | 2,437                             | 7.72                        | 1,473                             |

# VA PRAMS FACTS- 2020

## By Race/Ethnicity

|  |       |        |       |        |       |        |
|--|-------|--------|-------|--------|-------|--------|
| • No insurance to cover dental care  | 14.04 | 6,370  | 13.92 | 2,021  | 51.19 | 9,497  |
| WIC enrollment during pregnancy  | 9.87  | 4,573  | 45.66 | 6,752  | 32.36 | 6,115  |
| Smoked during last 3 months of pregnancy                                       | 6.04  | 2,770  | 5.40  | 796    | 0.00  | 0      |
| Drank at least 1 drink during last 3 months of pregnancy                       | 7.63  | 3,516  | 5.15  | 761    | 5.14  | 980    |
| <b>Discrimination or Harassment during pregnancy due to:</b>                   |       |        |       |        |       |        |
| • My race, ethnicity or culture  | 1.98  | 914    | 16.60 | 2,414  | 6.82  | 1,298  |
| • My insurance or Medicaid status  | 2.57  | 1,184  | 0.60  | 87     | 1.52  | 286    |
| • My weight  | 5.34  | 2,461  | 4.05  | 589    | 2.34  | 440    |
| • My marital status  | 3.33  | 1,536  | 2.15  | 312    | 2.52  | 474    |
| Abused by husband/partner during pregnancy                                     | 0.56  | 256    | 1.54  | 227    | 1.23  | 233    |
| Cesarean delivery (C-section)  | 12.13 | 5,649  | 15.26 | 2,257  | 11.38 | 2,219  |
| Health care worker asked about emotional or physical abuse at postpartum visit | 57.42 | 24,880 | 72.86 | 8,210  | 72.37 | 10,157 |
| <b>Breastfeeding</b>   |       |        |       |        |       |        |
| • Ever breastfed   | 86.96 | 39,876 | 76.27 | 10,942 | 89.71 | 17,118 |
| • Breastfed for 1-10 weeks   | 21.55 | 10,033 | 29.81 | 4,409  | 19.11 | 3,727  |
| • Breastfeeding at time of survey  | 56.58 | 26,340 | 33.65 | 4,976  | 55.82 | 10,884 |
| Felt depressed or loss of interest (postpartum depression)                     | 12.11 | 5,583  | 11.24 | 1,634  | 8.36  | 1,611  |
| Postpartum checkup   | 94.42 | 43,532 | 80.13 | 11,653 | 73.96 | 14,261 |
| Infant placed to sleep on back <i>only</i>                                     | 88.27 | 40,473 | 69.15 | 9,897  | 81.38 | 15,534 |
| Received Home Visit  | 5.89  | 2,717  | 5.35  | 754    | 0.17  | 32     |
| Discussed postpartum contraception with healthcare provider                    | 91.56 | 39,644 | 90.71 | 10,231 | 92.15 | 13,120 |
| Using postpartum contraception   | 84.30 | 38,870 | 71.67 | 10,291 | 79.94 | 15,406 |
| <b>COVID-19 Experiences</b>  |       |        |       |        |       |        |
| • No support person in delivery room due to COVID-19 pandemic                  | 2.24  | 467    | 5.36  | 215    | 6.91  | 6      |
| • Did not attend postpartum care due to COVID-19 pandemic                      | 2.20  | 463    | 13.64 | 514    | 17.18 | 1,416  |

<sup>1</sup>Percentage = Weighted percentage of Virginia mothers giving birth to live infants in 2019 who responded Yes or as indicated to the survey question for the specified indicator

<sup>2</sup>Estimated population = Weighted number of Virginia mothers who responded Yes or as indicated to the survey question for the specified indicator

<sup>3</sup>Data elements with less than 10 observations are suppressed

<sup>4</sup>The Kotelchuck Index, also called the Adequacy of Prenatal Care Utilization (APNCU) Index, uses two criteria of measurement: when prenatal care began (initiation) and the number of prenatal visits from when prenatal care began until delivery (received services).