

BRHD, VA PRAMS FACTS- 2020

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 **279** of those women reside in the Blue Ridge Health District. This state-based survey data can be stratified by the Richmond City and Blue Ridge Health districts only. PRAMS data is collected using methods to ensure that it is representative of all new moms in a particular year.

Selected Indicators	Percentage(%) ¹	95% CI ²	Respondents ³	Estimated Population ⁴
Before Pregnancy				
Pregnancy Intention				
• Unintended Pregnancy	28.14	22.47, 33.81	70	699
• Mistimed pregnancy- wanted to become pregnant later/never	15.03	10.68, 19.39	40	374
Among multiparous mothers				
• 1 or more previous live births	56.11	49.61, 62.62	159	1,414
• Previous preterm birth delivery	2.42	0.51, 4.33	--	61
Chronic Disease				
• Type I or II Diabetes	2.21	0.46, 3.96	--	54
• Hypertension of High Blood Pressure	5.50	2.69, 8.31	14	135
• Depression	14.62	10.23, 19.00	37	360
Smoked in last 2 years				
• Among Smokers- Smoked 3 months before pregnancy	95.06	88.12, 100.00	35	391
Drank in last 2 years				
• Among Drinkers- Drank 3 months before pregnancy	90.17	86.07, 94.27	211	1,867
Abused by husband/partner	0	0.00,0.00	0	0
Daily vitamin use	56.44	50.20, 62.69	160	1,422
During Pregnancy				
Prenatal Care				
• Inadequate prenatal care according to Kotelchuck index ⁵	16.70	11.88, 21.52	37	418
• Began prenatal care during first trimester	96.79	0.92, 5.50	272	2,439
• No insurance to pay for prenatal care	1.40	0.24, 2.57	--	34
Tested for HIV	20.00	14.23, 25.77	39	361
Dental Indicators				
• Discussed how to care for teeth and gums with healthcare worker	53.64	47.25, 60.03	148	1,326
• Went to the dentist about a problem	14.72	10.34, 19.09	38	360
• Needed to see a dentist for a problem	17.36	12.63, 22.08	44	421
• No insurance to cover dental care	14.38	10.32, 18.45	43	356

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WIC enrollment	15.05	10.54, 19.56	36	379
Smoked during last 3 months of pregnancy	7.92	4.26, 11.58	15	194
Drank at least 1 drink during last 3 months of pregnancy	17.70	11.44, 23.95	46	443
Discrimination or Harassment due to:				
• My race, ethnicity or culture	4.91	2.39, 7.43	14	123
• My insurance or Medicaid status	3.25	1.04, 5.45	--	81
• My weight	7.53	4.20, 10.85	18	189
• My marital status	3.76	1.27, 6.26	--	94
Abused by husband/partner	0.28	0.00, 0.79	--	6
After Pregnancy				
Cesarean delivery (C-section)	12.21	8.35, 16.05	35	307
Health care worker asked about emotional or physical abuse at postpartum visit	61.11	54.86, 67.36	146	1,403
Breastfeeding				
• Ever breastfed	89.90	86.14, 93.66	251	2,235
• Breastfed for 1-10 weeks	16.42	12.12, 21.69	39	426
• Breastfeeding at time of survey	62.15	55.44, 68.87	194	1,566
Felt depressed or loss of interest (postpartum depression)	9.42	5.71, 13.13	22	236
Postpartum checkup	91.56	88.16, 94.95	255	2,289
Infant placed to sleep on back <i>only</i>	86.35	82.15, 90.54	241	2,153
Received Home Visit	11.07	4.86, 17.27	21	276
Discussed postpartum contraception with healthcare provider	90.17	86.33, 94.01	231	2,058
Using postpartum contraception	82.93	78.44, 87.42	231	2,090
COVID-19 Experiences				
• No support person in delivery room due to COVID-19 pandemic	0.73	0.00, 2.08	--	6
• Did not attend postpartum care due to COVID-19 pandemic	1.33	0.00, 4.53	--	20

¹Percentage = Weighted percentage of Virginia mothers giving birth to live infants in 2020 who responded Yes or as indicated to the survey question for the specified indicator

²CI = confidence interval

³Respondents (N)= Total number of mothers who responded Yes to the survey question for the specified indicator

⁴Estimated population = Weighted number of Virginia mothers who responded Yes or as indicated to the survey question for the specified indicator

⁵The 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).

⁶Data elements with less than 10 observations are suppressed