

RCHD, VA PRAMS FACTS- 2021

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 policymakers. 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 2021, **939** mothers completed the survey and **322** of those women reside in the Richmond City 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	45.19	39.78, 50.59	128	1,297
• Mistimed pregnancy- wanted to become pregnant later/never	24.13	19.38, 28.89	68	696
Among multiparous mothers				
• 1 or more previous live births	56.33	51.03, 61.62	178	1,649
• Previous preterm birth delivery	0.39	0.00, 1.10	-- ⁶	11
Chronic Disease				
• Type I or II Diabetes	2.23	0.55, 3.90	-- ⁶	64
• Hypertension of High Blood Pressure	5.58	3.02, 8.14	16	160
• Depression	16.83	12.61, 21.05	46	484
Smoked in last 2 years				
• Among Smokers- Smoked 3 months before pregnancy	93.49	86.26, 100.00	39	413
Drank in last 2 years				
• Among Drinkers- Drank 3 months before pregnancy	87.71	83.28, 92.14	204	1,739
Experienced physical abuse before pregnancy	3.78	1.66, 5.89	11	110
Daily vitamin use	41.74	36.54, 46.94	150	1,222
During Pregnancy				
Prenatal Care				
• Inadequate prenatal care according to Kotelchuck index ⁵	11.60	8.06, 15.14	34	340
• Began prenatal care during first trimester	96.15	94.13, 98.18	309	2,814
• No insurance to pay for prenatal care	10.16	6.86, 13.46	31	291
Tested for HIV	57.00	51.54, 62.45	163	1,542
Dental Indicators				
• Discussed how to care for teeth and gums with healthcare worker	48.19	42.84, 53.54	162	1,401
• Went to the dentist about a problem	17.89	13.74, 22.03	56	518

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• Needed to see a dentist for a problem	22.21	17.69, 26.74	68	643
• No insurance to cover dental care	22.37	17.87, 26.88	70	647
WIC enrollment	25.08	20.25, 29.91	69	731
Smoked during last 3 months of pregnancy	5.65	3.01, 8.30	15	164
Drank at least 1 drink during last 3 months of pregnancy	19.95	15.02, 24.89	50	396
Discrimination or Harassment due to:				
• My race, ethnicity or culture	41.21	25.03, 57.39	15	145
• My insurance or Medicaid status	22.39	8.15, 36.63	-- ⁶	79
• My weight	19.61	7.53, 31.70	-- ⁶	69
• My marital status	16.78	4.42, 29.14	-- ⁶	59
Experienced physical abuse during pregnancy	3.09	1.09, 5.08	-- ⁶	90
After Pregnancy				
Cesarean delivery (C-section)	20.46	15.74, 25.17	54	511
Health care worker asked about emotional or physical abuse at postpartum visit	70.91	65.77, 76.05	184	1,708
Breastfeeding				
• Ever breastfed	87.46	83.66, 91.25	282	2,503
• Breastfed for 1-10 weeks	27.49	22.59, 32.38	80	805
• Breastfeeding at time of survey	59.83	54.51, 65.51	182	1,505
Felt depressed or loss of interest (postpartum depression)	14.80	10.80, 18.80	41	422
Postpartum checkup	84.75	80.73, 88.76	275	2,442
Infant placed to sleep on back <i>only</i>	72.09	67.09, 77.09	235	2,042
Received Home Visit	8.05	5.10, 11.00	25	233
Discussed postpartum contraception with healthcare provider	90.12	86.44, 93.79	250	2,181
Using postpartum contraception	76.82	72.21, 81.44	246	2,197
COVID-19 Experiences				
• No support person in delivery room due to COVID-19 pandemic	2.09	0.49, 3.69	-- ⁶	59
• Did not attend postpartum care due to COVID-19 pandemic	13.26	9.41, 17.11	36	374

¹ Percentage = 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

² CI = confidence interval

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

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

⁵ 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).

⁶ Data elements with less than 10 observations are suppressed.