

Virginia 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 survey. 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	45.39	40.36, 50.42	362	40,350
• Mistimed pregnancy- wanted to become pregnant later/never	25.06	20.62, 29.51	196	22,166
Among multiparous mothers				
• 1 or more previous live births	58.00	53.04, 62.95	536	51,667
• Previous preterm birth delivery	3.18	1.34, 5.02	20	2,849
Chronic Disease				
• Type I or II Diabetes	2.33	0.93, 3.73	24	2,060
• Hypertension of High Blood Pressure	3.29	1.57, 5.01	49	2,913
• Depression	12.42	9.08, 15.75	124	10,961
Smoked in last 2 years				
• Among Smokers- Smoked 3 months before pregnancy	89.90	81.88, 97.91	111	10,622
Drank in last 2 years				
• Among Drinkers- Drank 3 months before pregnancy	88.68	84.55, 92.80	594	46,832
Abused by husband/partner	1.05	0.09, 2.01	10	935
Daily vitamin use	48.07	43.07, 53.07	477	42,997
During Pregnancy				
Prenatal Care				
• Inadequate prenatal care according to Kotelchuck index ⁵	12.20	8.83, 15.58	110	10,861
• Began prenatal care during first trimester	94.67	92.17, 97.17	912	84,680
• No insurance to pay for prenatal care	4.89	2.65, 7.14	36	4,296
Tested for HIV	30.32	24.39, 36.26	164	15,873
Dental Indicators				
• Discussed how to care for teeth and gums with healthcare worker	51.48	46.42, 56.54	477	45,032
• Went to the dentist about a problem	11.08	7.84, 14.32	114	9,602
• Needed to see a dentist for a problem	14.08	10.52, 17.64	137	12,203

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• No insurance to cover dental care	23.47	19.06, 27.88	186	20,273
WIC enrollment	20.76	16.81, 24.70	203	18,392
Smoked during last 3 months of pregnancy	4.03	2.03, 6.03	44	3,566
Drank at least 1 drink during last 3 months of pregnancy	6.71	4.32, 9.10	124	5,925
Discrimination or Harassment due to:				
• My race, ethnicity or culture	5.30	3.10, 7.49	56	4,666
• My insurance or Medicaid status	2.51	1.03, 3.99	29	2,205
• My weight	4.46	2.39, 6.53	47	3,920
• My marital status	2.93	1.21, 4.64	25	2,570
Abused by husband/partner	0.81	0.00, 1.67	-- ⁶	718
After Pregnancy				
Cesarean delivery (C-section)	12.57	9.26, 15.88	120	11,244
Health care worker asked about emotional or physical abuse at postpartum visit	63.18	58.04, 68.33	484	47,946
Breastfeeding				
• Ever breastfed	86.49	82.93, 90.05	817	75,455
• Breastfed for 1-10 weeks	22.37	18.19, 26.55	198	20,009
• Breastfeeding at time of survey	53.33	48.32, 58.33	547	47,699
Felt depressed or loss of interest (postpartum depression)	11.77	8.50, 15.03	107	10,418
Postpartum checkup	87.08	83.60, 90.57	828	76,927
Infant placed to sleep on back <i>only</i>	83.11	79.33, 86.88	768	72,649
Received Home Visit	4.04	2.18, 5.90	47	3,532
Discussed postpartum contraception with healthcare provider	92.10	89.31, 94.90	751	70,456
Using postpartum contraception	79.48	75.35, 83.61	738	70,060
COVID-19 Experiences				
• No support person in delivery room due to COVID-19 pandemic	1.91	0.00, 4.00	--	689
• Did not attend postpartum care due to COVID-19 pandemic	7.43	3.11, 11.75	24	2,651

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