

Virginia PRAMS FACTS- 2021

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 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 (60% Non-Hispanic White, 20% Non-Hispanic Black, 6% Non-Hispanic Other, and 14% Hispanic). 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 (%) ¹	Estimated Population ²	Percentage (%) ¹	Estimated Population ²	Percentage (%) ¹	Estimated Population ²
Before Pregnancy						
Pregnancy Intention						
• Unintended Pregnancy	28.78	15,063	60.13	9,125	49.17	6,861
• Mistimed pregnancy- wanted to become pregnant later/never	14.26	7,424	29.95	4,434	26.17	3,804
Among multiparous mothers						
• 1 or more previous live births	57.54	30,361	60.97	9,288	59.53	8,933
• Previous preterm birth delivery	3.30	1,743	0.08	12	2.15	322
Chronic Disease						
• Type I or II Diabetes	2.19	1,151	5.51	839	1.71	249
• Hypertension of High Blood Pressure	4.69	2,461	12.87	1,959		
• Depression	14.29	7,496	22.88	3,480	11.24	1,630
Smoked in last 2 years	15.94	8,189	18.07	2,709	11.43	1,686
• Among Smokers- Smoked 3 months before pregnancy	84.78	6,596	59.76	1,619	52.92	892
Drank in last 2 years	80.91	41,964	74.60	11,176	43.69	6,316
• Among Drinkers- Drank 3 months before pregnancy	83.83	34,988	91.76	10,266	85.30	5,388
Experienced physical abuse before pregnancy	1.64	867	2.81	428	4.33	649
Daily vitamin use 1 month before pregnancy	54.29	28,646	32.39	4,935	32.51	4,879
During Pregnancy						
Prenatal Care						
• Inadequate prenatal care according to Kotelchuck index ⁴	11.34	5,938	3.41	511	25.82	3,875
• Began prenatal care during first trimester	97.01	51,187	99.78	15,201	96.92	14,545
• No insurance to pay for prenatal care	4.21	2,208	8.24	1,253	25.50	3,563
Tested for HIV during pregnancy	39.92	20,145	55.14	8,200	67.39	9,150
Dental Indicators during pregnancy						
• Discussed how to care for teeth and gums with healthcare worker	55.46	28,656	48.86	7,325	26.90	3,911
• Went to the dentist about a problem	10.96	5,651	16.22	2,432	5.32	772

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• Needed to see a dentist for a problem	12.42	6,408	25.84	3,873	7.31	1,061
• No insurance to cover dental care	10.97	5,663	22.59	3,289	67.32	9,473
WIC enrollment during pregnancy	17.83	9,363	37.08	5,645	25.80	3,750
Smoked during last 3 months of pregnancy	7.45	3,829	0.93	139	0.16	24
Drank at least 1 drink during last 3 months of pregnancy	8.11	3,403	1.02	114	14.89	974
Discrimination or Harassment during pregnancy due to:						
• My race, ethnicity or culture	16.10	1,088	32.58	1,310	6.53	40
• My insurance or Medicaid status	11.75	794	25.18	1,012	50.10	308
• My weight	58.02	3,921	30.05	1,208	39.69	244
• My marital status	14.13	955	12.18	490	3.68	23
Experienced physical abuse during pregnancy	1.50	793	0.43	65	0.08	11
After Pregnancy						
Cesarean delivery (C-section)	16.20	7,072	30.16	3,665	21.63	2,689
Health care worker asked about emotional or physical abuse at postpartum visit	50.88	24,564	73.26	9,497	78.31	9,600
Breastfeeding						
• Ever breastfed	85.40	43,888	81.94	12,276	96.81	13,616
• Breastfed for 1-10 weeks	16.52	8,719	26.16	3,985	18.40	2,761
• Breastfeeding at time of survey	72.95	1,738	53.58	6,577	71.10	9,575
Felt depressed or loss of interest (postpartum depression)	9.12	4,664	11.65	1,695	11.32	1,695
Postpartum checkup	93.46	48,280	88.34	13,209	86.51	12,971
Infant placed to sleep on back <i>only</i>	86.87	44,398	58.95	8,586	77.25	11,277
Received Home Visit	3.62	1,872	5.51	825	0.20	30
Discussed postpartum contraception with healthcare provider	86.74	41,678	75.92	10,025	82.22	10,278
Using postpartum contraception	82.14	42,096	64.20	9,603	79.05	11,618
COVID-19 Experiences						
• No support person in delivery room due to COVID-19 pandemic	0.46	236	5.80	839	0.14	20
• Did not attend postpartum care due to COVID-19 pandemic	6.59	3,373	12.95	1,786	5.20	778

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.