

# Richmond, 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 **309** 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(%) <sup>1</sup>	95% CI <sup>2</sup>	Respondents <sup>3</sup>	Estimated Population <sup>4</sup>
<b>Before Pregnancy</b>				
<b>Pregnancy Intention</b>				
• Unintended Pregnancy	50.67	44.95, 56.39	137	1,304
• Mistimed pregnancy- wanted to become pregnant later/never	26.29	20.99, 31.60	70	665
<b>Among multiparous mothers</b>				
• 1 or more previous live births	56.88	51.27, 62.50	169	1,487
• Previous preterm birth delivery	0.72	0, 1.49	--	18
<b>Chronic Disease</b>				
• Type I or II Diabetes	4.12	1.48, 6.77	--	104
• Hypertension of High Blood Pressure	8.45	5.22, 11.67	24	215
• Depression	17.09	12.49, 21.70	45	433
<b>Smoked in last 2 years</b>				
• Among Smokers- Smoked 3 months before pregnancy	83.04	72.31, 93.76	37	353
<b>Drank in last 2 years</b>				
• Among Drinkers- Drank 3 months before pregnancy	92.08	88.27, 95.89	195	1,477
Abused by husband/partner	2.66	0.55, 4.77	--	67
Daily vitamin use	42.59	37.01, 48.17	141	1,113
<b>During Pregnancy</b>				
<b>Prenatal Care</b>				
• Inadequate prenatal care according to Kotelchuck index <sup>5</sup>	11.80	8.02, 15.58	33	308
• Began prenatal care during first trimester	96.76	94.67, 98.87	300	2,529
• No insurance to pay for prenatal care	4.83	2.44, 7.22	14	122
Tested for HIV	36.65	29.52, 43.90	61	558
<b>Dental Indicators</b>				
• Discussed how to care for teeth and gums with healthcare worker	48.79	43.04, 54.54	149	1,254
• Went to the dentist about a problem	14.14	10.05, 18.23	40	361
• Needed to see a dentist for a problem	17.62	13.00, 22.23	46	449
• No insurance to cover dental care	21.07	16.48, 25.67	64	538

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WIC enrollment	37.97	32.19, 43.74	92	988
Smoked during last 3 months of pregnancy	6.15	3.27, 9.04	16	158
Drank at least 1 drink during last 3 months of pregnancy	15.62	11.79, 19.44	56	401
<b>Discrimination or Harassment due to:</b>				
• My race, ethnicity or culture	7.43	4.46, 10.40	23	187
• My insurance or Medicaid status	4.80	2.12, 7.49	12	121
• My weight	6.01	2.94, 9.08	14	151
• My marital status	2.23	0.56, 3.90	--	56
Abused by husband/partner	1.71	0.19, 3.24	--	43
<b>After Pregnancy</b>				
Cesarean delivery (C-section)	13.21	9.35, 17.07	40	345
Health care worker asked about emotional or physical abuse at postpartum visit	60.53	54.49, 66.57	152	1,334
<b>Breastfeeding</b>				
• Ever breastfed	84.63	80.07, 89.18	265	2,153
• Breastfed for 1-10 weeks	28.06	22.82, 33.29	80	733
• Breastfeeding at time of survey	46.15	40.52, 51.78	159	1,206
Felt depressed or loss of interest (postpartum depression)	17.66	12.97, 22.34	45	447
Postpartum checkup	88.32	84.69, 91.94	266	2,260
Infant placed to sleep on back <i>only</i>	75.00	69.70, 80.29	238	1,908
Received Home Visit	4.64	2.02, 7.26	12	117
Discussed postpartum contraception with healthcare provider	89.62	85.67, 93.59	239	1,998
Using postpartum contraception	75.91	71.00, 80.83	227	1,933
<b>COVID-19 Experiences</b>				
• No support person in delivery room due to COVID-19 pandemic	1.43	0.00, 4.10	--	15
• Did not attend postpartum care due to COVID-19 pandemic	11.57	5.39, 17.76	12	119

<sup>1</sup>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

<sup>2</sup>CI = confidence interval

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

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

<sup>5</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).

<sup>6</sup>Data elements with less than 10 observations are suppressed