

# RICHMOND, VA PRAMS FACTS- 2017

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 2017, 1,083 mothers completed the survey and 351 of those women were Richmond city residents. This data can be stratified by the Richmond City and Thomas Jefferson 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	49.30	43.97, 54.62	193	1,425
• Mistimed pregnancy- wanted to become pregnant later/never	28.65	23.66, 33.64	85	818
<b>Among multiparous mothers</b>				
• 1 or more previous live births	57.79	52.54, 63.03	205	1,705
• Previous preterm birth delivery	1.22	0.07, 2.37	-- <sup>6</sup>	36
<b>Chronic Disease</b>				
• Type I or II Diabetes	3.31	1.25, 5.37	--	96
• Hypertension of High Blood Pressure	6.27	3.53, 9.00	18	181
• Depression	13.04	9.33, 16.75	40	379
<b>Smoked in last 2 years</b>				
• Among Smokers- Smoked 3 months before pregnancy	85.56	77.77, 93.35	60	85.56
<b>Drank in last 2 years</b>				
• Among Drinkers- Drank 3 months before pregnancy	87.01	82.58, 91.45	206	1,624
<b>Abused by husband/partner</b>				
	0.56	0.00, 1.18	--	16
<b>Daily vitamin use</b>				
	33.57	28.66, 38.49	129	990
<b>During Pregnancy</b>				
<b>Prenatal Care</b>				
• Inadequate prenatal care according to Kotelchuck index <sup>5</sup>	13.36	9.60, 17.12	40	393
• Began prenatal care during first trimester	93.81	91.16, 96.46	332	2,768
• No insurance to pay for prenatal care	10.66	6.44, 14.88	22	180
<b>Tested for HIV</b>				
	43.76	36.79, 50.72	76	708
<b>Dental Indicators</b>				
• Discussed how to care for teeth and gums with healthcare worker	53.75	48.42, 59.08	188	1,544

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• Went to the dentist about a problem	17.46	13.24, 21.69	52	495
• Needed to see a dentist for a problem	21.50	16.91, 26.09	62	610
• No insurance to cover dental care	32.82	27.77, 37.87	108	932
<b>WIC enrollment</b>	44.64	39.16, 50.12	126	1,223
<b>Among Smokers- Smoked during last 3 months of pregnancy</b>	11.04	7.42, 14.66	29	322
<b>Among Drinkers- Drank at least 1 drink during last 3 months of pregnancy</b>	21.18	16.33, 26.02	61	402
<b>Discrimination or Harassment due to:</b>				
• My race, ethnicity or culture	8.32	5.29, 11.35	25	240
• My insurance or Medicaid status	4.90	2.68, 7.13	17	141
• My weight	4.87	2.50, 7.23	15	139
• My marital status	4.12	1.89, 6.36	12	117
<b>Abused by husband/partner</b>	0.95	0.05, 1.87	--	27
<b>After Pregnancy</b>				
<b>Cesarean delivery (C-section)</b>	10.77	7.47, 14.11	36	381
<b>Health care worker asked about emotional or physical abuse at postpartum visit</b>	64.73	59.51, 69.95	186	1,664
<b>Breastfeeding</b>				
• Ever breastfed	87.55	83.73, 91.38	312	2,529
• Breastfed for 1-10 weeks	23.51	18.89, 28.12	73	693
• Breastfeeding at time of survey	56.40	51.10, 61.71	220	1,664
<b>Felt depressed or loss of interest (postpartum depression)</b>	12.90	9.13, 16.68	38	377
<b>Postpartum checkup</b>	89.29	85.91, 92.68	312	2,587
<b>Infant placed to sleep on back <i>only</i></b>	77.80	73.23, 82.36	276	2,241
<b>Received Home Visit</b>	9.57	6.26, 12.89	28	278
<b>Discussed postpartum contraception with healthcare provider</b>	91.83	88.70, 94.95	288	2,375
<b>Using postpartum contraception</b>	81.43	77.08, 85.79	284	2,310

<sup>1</sup>Percentage = Weighted percentage of Virginia mothers giving birth to live infants in 2017 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