

Prevalence of Selected Maternal and Child Health Indicators for Rhode Island, Pregnancy Risk Assessment Monitoring System (PRAMS), 2016-2017

Health Indicator	2016		2017		Overall 2017 [§]
	N*	% (95% CI) [†]	N*	% (95% CI) [†]	% (95% CI) [†]
Nutrition					
• Multivitamin use ≥4 times a week during the month before pregnancy	1146	41.8 (38.8-44.9)	1099	43.7 (40.5-47.1)	40.4 (39.7-41.2)
Pre-pregnancy Weight					
• Underweight (Body Mass Index [BMI]<18.5 kg/m ²)	1103	3.5 (2.5-4.8)	1030	2.7 (1.9-4.0)	3.7 (3.4-4.0)
• Overweight (BMI 25-29.9 kg/m ²)	1103	27.6 (24.8-30.5)	1030	24.9 (22.0-28.0)	25.6 (24.9-26.3)
• Obese (BMI≥30 kg/m ²)	1103	23.3 (20.7-26.2)	1030	24.9 (22.1-28.0)	25.3 (24.6-26.0)
Substance Use					
• Any cigarette smoking					
• During the 3 months before pregnancy	1131	17.3 (15.0-19.9)	1075	15.1 (12.7-17.8)	17.7 (17.1-18.3)
• During the last 3 months of pregnancy	1130	7.0 (5.5-8.8)	1075	5.4 (3.9-7.2)	8.1 (7.7-8.6)
• Postpartum	1131	10.2 (8.4-12.3)	1075	8.2 (6.4-10.4)	11.7 (11.2-12.2)
• Any e-cigarette use					
• During the 3 months before pregnancy	1121	1.9 (1.2-3.0)	1077	2.4 (1.5-3.6)	3.7 (3.4-4.0)
• During the last 3 months of pregnancy	1121	0.9 (0.4-1.8)	1075	0.2 (0.0-0.6)	1.1 (1.0-1.3)
• Hookah use in the last 2 years	1119	8.6 (7.0-10.7)	1078	9.1 (7.3-11.2)	4.8 (4.4-5.1)
• Heavy drinking (8 or more drinks a week) during the 3 months before pregnancy	1128	2.1 (1.4-3.2)	1078	4.1 (2.9-5.7)	2.6 (2.4-2.9)
Intimate Partner Violence (IPV)[¶]					
• Experienced IPV during the 12 months before pregnancy by a husband or partner and/or an ex-husband or partner	1129	1.8 (1.1-2.9)	1080	2.7 (1.8-4.1)	3.0 (2.7-3.2)
• Experienced IPV during pregnancy by a husband or partner and/or an ex-husband or partner	1129	0.7 (0.3-1.4)	1082	1.2 (0.7-2.1)	2.2 (2.0-2.4)
Depression					
• Self-reported depression in the 3 months before pregnancy	1139	14.6 (12.5-17.0)	1096	14.9 (12.6-17.5)	12.8 (12.3-13.3)
• Self-reported depression during pregnancy	1128	13.9 (11.8-16.2)	1078	15.9 (13.5-18.6)	12.0 (11.5-12.5)
• Self-reported postpartum depressive symptoms [‡]	1115	12.6 (10.7-14.9)	1082	13.6 (11.4-16.2)	12.5 (12.0-13.0)
Health Care Services					
• Health care visit in the 12 months before pregnancy	1140	71.6 (68.6-74.4)	1090	72.6 (69.5-75.5)	67.7 (67.0-68.4)
• Began prenatal care in 1st trimester	1128	90.9 (88.8-92.6)	1084	90.7 (88.5-92.6)	86.9 (86.4-87.4)
• Had a flu shot in the 12 months before birth	1126	75.5 (72.6-78.1)	1079	75.4 (72.4-78.3)	58.9 (58.2-59.7)
• Had maternal postpartum checkup	1127	95.2 (93.7-96.4)	1082	92.5 (90.4-94.2)	90.3 (89.8-90.7)
Pregnancy Intention					
• Mistimed	1134	16.9 (14.6-19.4)	1087	16.5 (14.1-19.3)	19.5 (18.9-20.1)
• Unwanted pregnancy	1134	4.8 (3.6-6.4)	1087	6.3 (4.8-8.3)	6.1 (5.7-6.5)
• Unsure whether wanted pregnancy	1134	16.9 (14.6-19.4)	1087	13.2 (11.0-15.7)	15.5 (15.0-16.1)
• Intended pregnancy	1134	61.4 (58.2-64.4)	1087	63.9 (60.6-67.2)	58.9 (58.1-59.6)

Health Indicator	2016		2017		Overall 2017 [§]
	N*	% (95% CI) [†]	N*	% (95% CI) [†]	% (95% CI) [†]
Postpartum^{§§} Family Planning					
• Use of any postpartum contraception**	1108	83.1 (80.6-85.4)	1069	80.8 (78.0-83.4)	77.0 (76.3-77.6)
• Highly effective contraceptive methods					
• Male or female sterilization	1108	14.3 (12.2-16.7)	1069	9.8 (7.9-12.0)	11.2 (10.7-11.6)
• Long acting reversible contraceptive method ^{††}	1108	25.0 (22.3-27.9)	1069	25.2 (22.4-28.2)	17.0 (16.5-17.6)
• Moderately effective contraceptive methods ^{††}	1108	24.7 (22.0-27.6)	1069	24.5 (21.7-27.5)	25.6 (24.9-26.3)
• Least effective contraceptive methods ^{††}	1108	19.2 (16.8-21.8)	1069	21.4 (18.8-24.3)	23.2 (22.5-23.8)
Oral Health					
• Teeth cleaned during pregnancy by a dentist or dental hygienist	1131	56.6 (53.4-59.7)	1093	57.7 (54.4-61.0)	46.3 (45.5-47.0)
Health Insurance Status One Month Before Pregnancy^{††}					
• Private insurance	1070	68.4 (65.2-71.4)	1020	66.2 (62.8-69.4)	63.0 (62.2-63.7)
• Medicaid	1070	20.1 (17.6-22.9)	1020	23.7 (20.8-26.9)	23.0 (22.3-23.6)
• No insurance	1070	11.5 (9.6-13.8)	1020	10.1 (8.3-12.4)	13.2 (12.6-13.7)
Health Insurance Status for Prenatal Care^{††}					
• Private insurance	1024	70.1 (67.0-73.1)	994	66.3 (62.8-69.5)	60.7 (59.9-61.4)
• Medicaid	1024	29.4 (26.4-32.5)	994	33.4 (30.1-36.8)	35.6 (34.9-36.4)
• No insurance	1024	0.5 (0.2-1.3)	994	0.3 (0.1-1.1)	2.6 (2.3-2.9)
Health Insurance Status Postpartum^{††§§}					
• Private insurance	1047	65.3 (62.1-68.4)	998	65.6 (62.2-68.9)	58.5 (57.7-59.2)
• Medicaid	1047	27.9 (25.0-31.0)	998	30.2 (27.0-33.6)	29.7 (29.0-30.4)
• No insurance	1047	6.8 (5.3-8.7)	998	4.1 (3.0-5.7)	10.8 (10.3-11.3)
Infant Sleep Practices					
• Baby most often laid on back to sleep	1095	81.8 (79.2-84.2)	1051	82.6 (79.8-85.1)	79.5 (78.9-80.2)
Breastfeeding Practices					
• Ever breastfed	1105	87.7 (85.4-89.6)	1065	88.8 (86.3-91.0)	87.7 (87.2-88.2)
• Any breastfeeding at 8 weeks	1099	65.2 (62.1-68.3)	1060	65.7 (62.3-68.9)	67.7 (67.0-68.4)

[§]PRAMS site aggregate for 2017: Alabama, Alaska, Colorado, Connecticut, Delaware, Georgia, Illinois, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Missouri, Montana, New Hampshire, New Jersey, New Mexico, New York City, New York State, North Carolina, North Dakota, Oklahoma, Pennsylvania, Puerto Rico, Rhode Island, South Dakota, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, and Wyoming met the required 55% response rate threshold for inclusion.

*Unweighted sample size

[†]Weighted percent (95% Confidence Interval)

^{††}Defined as being pushed, hit, slapped, kicked, choked, or physically hurt in any way by a husband/partner and/or an ex-husband/ex-partner. In 2016 (Phase 8), the question response options were expanded to include “my ex-husband or ex-partner” in addition to “my husband or partner”

^{§§}Postpartum is defined as the time the PRAMS survey was completed

[§]Defined as “always” or “often” feeling down, depressed, or hopeless or having little interest or little pleasure in doing things she usually enjoyed since delivery.

**Defined as using any kind of birth control postpartum (female or male sterilization; intrauterine device (IUD); contraceptive implant; birth control pills; shots or injections; contraceptive patch; vaginal ring; condoms; rhythm method/natural family planning; withdrawal).

^{†††}Long-acting reversible contraception (LARC) methods include Intrauterine Device (IUD) or contraceptive implant. Moderately effective methods include birth control pills, shots or injections (e.g., Depo–Provera), contraceptive patch, and vaginal ring. Least effective methods include condom, rhythm method/natural family planning, and withdrawal. Women who selected the “other” write-in option were excluded from the analysis.

^{§§§}Insurance is coded as Medicaid (Medicaid or state-named Medicaid program); Private (Private only, any other insurance in combination with private, TRICARE or other military insurance); No insurance (no insurance or Indian Health Service (IHS) only; in Alaska this also includes Alaska Tribal Health System that are part of the IHS response option); other state-specific government plans or programs such as SCHIP/CHIP are excluded from estimates.