

Prevalence of Selected Maternal and Child Health Indicators for Missouri, 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	1055	40.2 (36.9-43.6)	1096	39.1 (35.8-42.4)	40.4 (39.7-41.2)
Pre-pregnancy Weight					
• Underweight (Body Mass Index [BMI]<18.5 kg/m ²)	1039	3.8 (2.7-5.4)	1085	3.6 (2.5-5.1)	3.7 (3.4-4.0)
• Overweight (BMI 25-29.9 kg/m ²)	1039	25.1 (22.2-28.3)	1085	23.9 (21.1-27.0)	25.6 (24.9-26.3)
• Obese (BMI≥30 kg/m ²)	1039	28.3 (25.2-31.5)	1085	31.4 (28.2-34.7)	25.3 (24.6-26.0)
Substance Use					
• Any cigarette smoking					
• During the 3 months before pregnancy	1049	26.2 (23.2-29.4)	1098	24.2 (21.4-27.2)	17.7 (17.1-18.3)
• During the last 3 months of pregnancy	1050	13.5 (11.2-16.1)	1096	13.0 (10.9-15.5)	8.1 (7.7-8.6)
• Postpartum	1049	18.7 (16.1-21.6)	1095	18.2 (15.7-21.0)	11.7 (11.2-12.2)
• Any e-cigarette use					
• During the 3 months before pregnancy	1047	6.0 (4.5-8.0)	1095	5.9 (4.5-7.7)	3.7 (3.4-4.0)
• During the last 3 months of pregnancy	1051	2.3 (1.4-3.8)	1105	1.4 (0.8-2.4)	1.1 (1.0-1.3)
• Hookah use in the last 2 years	1047	6.0 (4.4-8.0)	1094	5.5 (4.0-7.3)	4.8 (4.4-5.1)
• Heavy drinking (8 or more drinks a week) during the 3 months before pregnancy	1049	2.5 (1.6-3.7)	1102	2.6 (1.7-3.8)	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	1049	4.9 (3.5-6.8)	1102	4.4 (3.1-6.0)	3.0 (2.7-3.2)
• Experienced IPV during pregnancy by a husband or partner and/or an ex-husband or partner	1047	2.5 (1.5-4.0)	1104	3.9 (2.7-5.6)	2.2 (2.0-2.4)
Depression					
• Self-reported depression in the 3 months before pregnancy	1056	16.5 (14.0-19.3)	1106	18.2 (15.7-21.0)	12.8 (12.3-13.3)
• Self-reported depression during pregnancy	1047	16.4 (13.9-19.2)	1079	17.2 (14.7-19.9)	12.0 (11.5-12.5)
• Self-reported postpartum depressive symptoms [‡]	1051	14.0 (11.8-16.7)	1091	13.9 (11.7-16.5)	12.5 (12.0-13.0)
Health Care Services					
• Health care visit in the 12 months before pregnancy	1052	66.0 (62.5-69.2)	1093	66.5 (63.1-69.7)	67.7 (67.0-68.4)
• Began prenatal care in 1st trimester	1040	85.8 (83.0-88.3)	1089	84.9 (82.2-87.3)	86.9 (86.4-87.4)
• Had a flu shot in the 12 months before birth	1051	56.3 (52.8-59.7)	1097	57.9 (54.5-61.3)	58.9 (58.2-59.7)
• Had maternal postpartum checkup	1053	88.1 (85.5-90.3)	1092	87.8 (85.3-89.9)	90.3 (89.8-90.7)
Pregnancy Intention					
• Mistimed	1035	18.2 (15.6-21.1)	1085	21.4 (18.6-24.4)	19.5 (18.9-20.1)
• Unwanted pregnancy	1035	9.4 (7.5-11.9)	1085	6.9 (5.3-8.9)	6.1 (5.7-6.5)
• Unsure whether wanted pregnancy	1035	18.1 (15.5-21.0)	1085	18.2 (15.6-21.1)	15.5 (15.0-16.1)
• Intended pregnancy	1035	54.2 (50.7-57.7)	1085	53.5 (50.1-57.0)	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**	1039	80.6 (77.7-83.2)	1085	78.5 (75.6-81.2)	77.0 (76.3-77.6)
• Highly effective contraceptive methods					
• Male or female sterilization	1039	12.4 (10.3-14.9)	1085	14.5 (12.2-17.1)	11.2 (10.7-11.6)
• Long acting reversible contraceptive method ^{††}	1039	14.0 (11.8-16.7)	1085	14.6 (12.3-17.3)	17.0 (16.5-17.6)
• Moderately effective contraceptive methods ^{††}	1039	30.6 (27.4-33.9)	1085	25.2 (22.3-28.3)	25.6 (24.9-26.3)
• Least effective contraceptive methods ^{††}	1039	23.6 (20.8-26.6)	1085	24.2 (21.4-27.3)	23.2 (22.5-23.8)
Oral Health					
• Teeth cleaned during pregnancy by a dentist or dental hygienist	1056	43.5 (40.1-46.9)	1101	45.4 (42.0-48.8)	46.3 (45.5-47.0)
Health Insurance Status One Month Before Pregnancy^{††}					
• Private insurance	1026	64.4 (60.8-67.8)	1070	65.7 (62.3-69.0)	63.0 (62.2-63.7)
• Medicaid	1026	17.0 (14.3-19.9)	1070	17.7 (15.2-20.6)	23.0 (22.3-23.6)
• No insurance	1026	18.7 (16.0-21.7)	1070	16.5 (14.1-19.3)	13.2 (12.6-13.7)
Health Insurance Status for Prenatal Care^{††}					
• Private insurance	1021	58.4 (54.8-61.9)	1064	61.1 (57.6-64.4)	60.7 (59.9-61.4)
• Medicaid	1021	38.9 (35.5-42.5)	1064	36.4 (33.1-39.8)	35.6 (34.9-36.4)
• No insurance	1021	2.7 (1.7-4.1)	1064	2.6 (1.6-4.0)	2.6 (2.3-2.9)
Health Insurance Status Postpartum^{††§§}					
• Private insurance	1011	57.2 (53.6-60.7)	1070	60.1 (56.6-63.5)	58.5 (57.7-59.2)
• Medicaid	1011	27.3 (24.2-30.7)	1070	27.5 (24.5-30.8)	29.7 (29.0-30.4)
• No insurance	1011	15.5 (13.0-18.5)	1070	12.3 (10.2-14.9)	10.8 (10.3-11.3)
Infant Sleep Practices					
• Baby most often laid on back to sleep	1003	78.9 (75.8-81.7)	1058	81.9 (79.0-84.5)	79.5 (78.9-80.2)
Breastfeeding Practices					
• Ever breastfed	1020	86.2 (83.5-88.6)	1074	85.0 (82.3-87.4)	87.7 (87.2-88.2)
• Any breastfeeding at 8 weeks	1011	63.1 (59.6-66.4)	1063	63.0 (59.6-66.3)	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.