



Prevalence of Selected Maternal and Child Health Indicators for South Dakota, 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			1099	48.2 (44.9-51.6)	40.4 (39.7-41.2)
Pre-pregnancy Weight					
• Underweight (Body Mass Index [BMI]<18.5 kg/m ²)			1072	4.0 (2.9-5.6)	3.7 (3.4-4.0)
• Overweight (BMI 25-29.9 kg/m ²)			1072	24.9 (22.0-27.9)	25.6 (24.9-26.3)
• Obese (BMI≥30 kg/m ²)			1072	25.6 (22.7-28.7)	25.3 (24.6-26.0)
Substance Use					
• Any cigarette smoking					
• During the 3 months before pregnancy			1106	23.6 (21.0-26.4)	17.7 (17.1-18.3)
• During the last 3 months of pregnancy			1106	9.6 (7.9-11.6)	8.1 (7.7-8.6)
• Postpartum			1106	14.2 (12.2-16.5)	11.7 (11.2-12.2)
• Any e-cigarette use					
• During the 3 months before pregnancy			1106	2.5 (1.7-3.8)	3.7 (3.4-4.0)
• During the last 3 months of pregnancy			1105	0.3 (0.1-0.8)	1.1 (1.0-1.3)
• Hookah use in the last 2 years			1093	3.1 (2.2-4.5)	4.8 (4.4-5.1)
• Heavy drinking (8 or more drinks a week) during the 3 months before pregnancy			1108	3.3 (2.3-4.8)	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			1109	3.8 (2.8-5.2)	3.0 (2.7-3.2)
• Experienced IPV during pregnancy by a husband or partner and/or an ex-husband or partner			1106	2.5 (1.7-3.6)	2.2 (2.0-2.4)
Depression					
• Self-reported depression in the 3 months before pregnancy			1119	15.8 (13.6-18.4)	12.8 (12.3-13.3)
• Self-reported depression during pregnancy			1103	14.9 (12.7-17.4)	12.0 (11.5-12.5)
• Self-reported postpartum depressive symptoms [‡]			1098	14.3 (12.2-16.8)	12.5 (12.0-13.0)
Health Care Services					
• Health care visit in the 12 months before pregnancy			1099	71.6 (68.7-74.4)	67.7 (67.0-68.4)
• Began prenatal care in 1st trimester			1111	86.3 (84.0-88.3)	86.9 (86.4-87.4)
• Had a flu shot in the 12 months before birth			1112	74.2 (71.1-77.0)	58.9 (58.2-59.7)
• Had maternal postpartum checkup			1115	91.2 (89.7-92.6)	90.3 (89.8-90.7)
Pregnancy Intention					
• Mistimed			1092	18.0 (15.6-20.7)	19.5 (18.9-20.1)
• Unwanted pregnancy			1092	6.8 (5.4-8.6)	6.1 (5.7-6.5)
• Unsure whether wanted pregnancy			1092	17.7 (15.4-20.4)	15.5 (15.0-16.1)
• Intended pregnancy			1092	57.4 (54.1-60.6)	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**			1092	76.1 (73.2-78.9)	77.0 (76.3-77.6)
• Highly effective contraceptive methods					
• Male or female sterilization			1092	9.2 (7.5-11.3)	11.2 (10.7-11.6)
• Long acting reversible contraceptive method ^{††}			1092	19.3 (16.7-22.1)	17.0 (16.5-17.6)
• Moderately effective contraceptive methods ^{††}			1092	26.3 (23.4-29.5)	25.6 (24.9-26.3)
• Least effective contraceptive methods ^{††}			1092	21.4 (18.6-24.3)	23.2 (22.5-23.8)
Oral Health					
• Teeth cleaned during pregnancy by a dentist or dental hygienist			1121	47.7 (44.4-51.0)	46.3 (45.5-47.0)
Health Insurance Status One Month Before Pregnancy^{††}					
• Private insurance			1026	67.3 (64.5-69.9)	63.0 (62.2-63.7)
• Medicaid			1026	16.0 (13.9-18.2)	23.0 (22.3-23.6)
• No insurance			1026	16.8 (14.6-19.1)	13.2 (12.6-13.7)
Health Insurance Status for Prenatal Care^{††}					
• Private insurance			995	64.9 (62.0-67.8)	60.7 (59.9-61.4)
• Medicaid			995	31.8 (29.0-34.7)	35.6 (34.9-36.4)
• No insurance			995	3.3 (2.3-4.5)	2.6 (2.3-2.9)
Health Insurance Status Postpartum^{††§§}					
• Private insurance			1028	66.6 (63.8-69.3)	58.5 (57.7-59.2)
• Medicaid			1028	17.1 (15.1-19.3)	29.7 (29.0-30.4)
• No insurance			1028	16.2 (14.1-18.6)	10.8 (10.3-11.3)
Infant Sleep Practices					
• Baby most often laid on back to sleep			1091	87.6 (85.3-89.7)	79.5 (78.9-80.2)
Breastfeeding Practices					
• Ever breastfed			1096	89.4 (87.4-91.2)	87.7 (87.2-88.2)
• Any breastfeeding at 8 weeks			1087	73.4 (70.5-76.2)	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.