

Prevalence of Selected Maternal and Child Health Indicators for Kansas, Pregnancy Risk Assessment Monitoring System (PRAMS), 2016–2019

Health Indicator	2016 ^z		2017		2018		2019		Overall 2019 ^s
	N [#]	% (95% CI) [¶]	N [#]	% (95% CI) [¶]	N [#]	% (95% CI) [¶]	N [#]	% (95% CI) [¶]	% (95% CI) [¶]
Nutrition									
• Multivitamin use ≥4 times a week during the month before pregnancy			991	42.1 (38.3-46.1)	972	41.4 (37.5-45.5)	1006	38.7 (34.9-42.7)	41.8 (41.0-42.5)
Pre-pregnancy Weight									
• Underweight (Body Mass Index [BMI]<18.5 kg/m ²)			973	4.4 (3.0-6.4)	948	3.1 (1.9-5.1)	976	2.6 (1.6-4.4)	3.3 (3.0-3.6)
• Overweight (BMI 25-29.9 kg/m ²)			973	26.7 (23.2-30.5)	948	30.0 (26.2-34.0)	976	25.5 (22.1-29.3)	26.2 (25.5-26.9)
• Obese (BMI≥30 kg/m ²)			973	25.8 (22.4-29.6)	948	24.1 (20.7-27.8)	976	29.0 (25.4-32.8)	27.1 (26.4-27.8)
Substance Use									
• Any cigarette smoking									
• During the 3 months before pregnancy			988	20.6 (17.5-24.1)	973	21.6 (18.1-25.4)	1003	16.9 (14.1-20.2)	15.1 (14.6-15.7)
• During the last 3 months of pregnancy			989	9.1 (7.0-11.8)	974	10.8 (8.3-13.9)	1003	9.2 (7.1-11.9)	6.8 (6.5-7.2)
• Postpartum			987	12.7 (10.3-15.7)	970	15.3 (12.3-18.8)	1000	10.9 (8.6-13.7)	9.7 (9.2-10.1)
• Any e-cigarette use									
• During the 3 months before pregnancy			983	4.3 (2.9-6.3)	958	4.5 (3.0-6.8)	997	5.6 (4.0-7.8)	4.3 (4.0-4.6)
• During the last 3 months of pregnancy			983	1.0 (0.5-2.2)	959	1.1 (0.5-2.4)	998	2.1 (1.2-3.6)	1.3 (1.1-1.4)
• Hookah use in the last 2 years			970	4.2 (2.9-6.2)	955	3.2 (2.0-5.0)	989	2.9 (1.8-4.7)	4.7 (4.4-5.1)
• Heavy drinking (≥8 drinks a week) during the 3 months before pregnancy			979	2.9 (1.9-4.6)	966	3.4 (2.2-5.3)	1001	3.7 (2.4-5.6)	2.9 (2.6-3.2)
Intimate Partner Violence (IPV)[*]									
• Experienced IPV during the 12 months before pregnancy by a husband or partner and/or an ex-husband or partner			984	4.6 (3.1-6.7)	967	3.9 (2.5-6.0)	1001	3.4 (2.2-5.3)	3.0 (2.8-3.3)
• Experienced IPV during pregnancy by a husband or partner and/or an ex-husband or partner			981	2.6 (1.5-4.3)	967	2.2 (1.2-4.0)	1000	2.8 (1.7-4.6)	2.0 (1.8-2.2)
Depression									
• Self-reported depression in the 3 months before pregnancy			993	18.9 (16.0-22.3)	972	18.5 (15.5-21.9)	1000	20.9 (17.8-24.4)	15.1 (14.5-15.7)
• Self-reported depression during pregnancy			983	16.8 (13.9-20.1)	964	18.6 (15.5-22.2)	991	20.9 (17.7-24.5)	14.8 (14.2-15.4)
• Self-reported postpartum depressive symptoms ^{**}			975	12.4 (9.9-15.4)	958	14.7 (11.9-18.0)	996	13.5 (11.0-16.6)	13.4 (12.9-14.0)
Health Care Services									
• Health care visit in the 12 months before pregnancy			993	67.0 (63.0-70.7)	968	68.4 (64.3-72.2)	1005	70.5 (66.6-74.1)	68.0 (67.2-68.7)
• Began prenatal care in 1st trimester			981	85.7 (82.4-88.5)	965	86.8 (83.6-89.5)	996	90.0 (87.2-92.3)	87.7 (87.2-88.3)
• Had a flu shot in the 12 months before birth			975	65.9 (62.0-69.7)	959	68.1 (64.1-71.8)	993	68.6 (64.7-72.3)	60.8 (60.1-61.6)
• Had maternal postpartum checkup			984	89.4 (86.5-91.8)	967	90.6 (87.5-93.0)	1007	92.5 (90.0-94.5)	90.7 (90.3-91.2)
Pregnancy Intention									
• Mistimed			976	21.6 (18.4-25.3)	955	17.6 (14.6-21.2)	985	18.9 (15.8-22.4)	19.3 (18.7-19.9)
• Unwanted pregnancy			976	5.1 (3.6-7.1)	955	5.5 (3.9-7.8)	985	7.8 (5.8-10.4)	6.5 (6.2-6.9)
• Unsure whether wanted pregnancy			976	13.1 (10.5-16.2)	955	16.6 (13.5-20.1)	985	13.4 (10.8-16.5)	15.7 (15.1-16.2)
• Intended pregnancy			976	60.2 (56.1-64.1)	955	60.3 (56.0-64.4)	985	59.9 (55.8-63.9)	58.5 (57.7-59.3)

Health Indicator	2016 [≥]		2017		2018		2019		Overall 2019 [§]
	N [#]	% (95% CI) [¶]	N [#]	% (95% CI) [¶]	N [#]	% (95% CI) [¶]	N [#]	% (95% CI) [¶]	% (95% CI) [¶]
Postpartum⁺⁺ Family Planning									
• Use of any postpartum contraception ⁺⁺⁺			974	79.6 (76.1-82.7)	952	77.4 (73.6-80.8)	997	78.8 (75.3-82.0)	76.4 (75.7-77.0)
• Highly effective contraceptive methods									
• Male or female sterilization			974	12.8 (10.4-15.8)	952	14.6 (11.9-17.8)	997	11.3 (9.0-14.1)	11.5 (11.0-12.0)
• Long acting reversible contraceptive method ^{§§}			974	16.4 (13.6-19.7)	952	16.0 (13.1-19.4)	997	17.9 (15.0-21.2)	17.3 (16.7-17.9)
• Moderately effective contraceptive methods ^{§§}			974	24.9 (21.6-28.6)	952	22.9 (19.6-26.6)	997	26.3 (22.9-30.0)	24.6 (23.9-25.3)
• Least effective contraceptive methods ^{§§}			974	25.4 (22.0-29.1)	952	23.9 (20.6-27.5)	997	23.4 (20.1-26.9)	23.0 (22.4-23.7)
Oral Health									
• Teeth cleaned during pregnancy by a dentist or dental hygienist			986	44.9 (40.9-48.9)	973	46.5 (42.4-50.6)	1002	50.0 (45.9-54.0)	45.9 (45.1-46.7)
Health Insurance Status One Month Before Pregnancy^{¶¶}									
• Private insurance			960	73.3 (69.4-76.9)	930	69.3 (65.1-73.3)	972	67.6 (63.5-71.4)	62.7 (62.0-63.5)
• Medicaid			960	12.4 (9.8-15.5)	930	12.7 (10.0-16.1)	972	14.8 (12.0-18.1)	22.6 (22.0-23.3)
• No insurance			960	14.3 (11.6-17.6)	930	17.9 (14.7-21.7)	972	17.6 (14.5-21.1)	13.8 (13.2-14.4)
Health Insurance Status for Prenatal Care^{¶¶}									
• Private insurance			918	69.1 (65.0-72.9)	907	67.8 (63.4-71.8)	963	65.6 (61.5-69.5)	59.8 (59.1-60.6)
• Medicaid			918	27.8 (24.1-31.8)	907	28.3 (24.4-32.6)	963	30.1 (26.3-34.1)	36.2 (35.5-37.0)
• No insurance			918	3.1 (1.8-5.3)	907	3.9 (2.5-6.1)	963	4.3 (2.8-6.5)	2.8 (2.5-3.1)
Health Insurance Status Postpartum^{++¶¶}									
• Private insurance			957	68.1 (64.1-71.9)	926	66.0 (61.7-70.1)	976	63.6 (59.5-67.6)	57.7 (56.9-58.4)
• Medicaid			957	19.9 (16.8-23.5)	926	19.4 (16.0-23.2)	976	21.7 (18.4-25.4)	29.9 (29.2-30.6)
• No insurance			957	12.0 (9.4-15.1)	926	14.6 (11.7-18.1)	976	14.7 (11.9-17.9)	11.5 (11.0-12.0)
Infant Sleep Practices									
• Baby most often laid on back to sleep			922	80.2 (76.6-83.4)	921	84.8 (81.6-87.6)	964	84.4 (81.1-87.2)	79.6 (78.9-80.2)
Breastfeeding Practices									
• Ever breastfed			937	90.1 (87.2-92.4)	937	91.1 (88.4-93.3)	978	88.1 (85.1-90.5)	87.9 (87.4-88.4)
• Any breastfeeding at 8 weeks			934	70.0 (66.1-73.7)	923	74.0 (70.1-77.6)	974	72.1 (68.2-75.6)	67.7 (67.0-68.4)

[≥]Did not participate in 2016

[§]PRAMS site aggregate for 2019: Alabama, Alaska, Arkansas, Colorado, Connecticut, Delaware, District of Columbia, Florida, Georgia, Hawaii, Illinois, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, New Hampshire, New Jersey, New Mexico, New York City, New York State, North Carolina, North Dakota, Oregon, Pennsylvania, Puerto Rico, Rhode Island, South Dakota, Tennessee, Utah, Vermont, Virginia, Washington, Wisconsin, and Wyoming met the required 50% 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”

^{**}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.

⁺⁺Postpartum is defined as the time the PRAMS survey was completed

^{††}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.