



Prevalence of Selected Maternal and Child Health Indicators for Kansas, Pregnancy Risk Assessment Monitoring System (PRAMS), 2016–2020

Health Indicator	2016 ^z		2017		2018		2019		2020		Overall 2020 ^{ll}
	N [#]	% (95% CI) ^{nl}	N [#]	% (95% CI) ^{nl}	N [#]	% (95% CI) ^{nl}	N [#]	% (95% CI) ^{nl}	N [#]	% (95% CI) ^{nl}	% (95% CI) ^{nl}
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)	1173	42.7 (39.3-46.3)	43.6 (42.9-44.4)
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)	1145	3.8 (2.6-5.5)	3.2 (2.9-3.5)
• 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)	1145	27.1 (24.0-30.5)	26.1 (25.5-26.8)
• 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)	1145	27.4 (24.3-30.7)	27.7 (27.0-28.4)
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)	1158	17.3 (14.7-20.1)	14.0 (13.4-14.5)
• 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)	1160	8.5 (6.7-10.7)	6.5 (6.2-6.9)
• Postpartum			987	12.7 (10.3-15.7)	970	15.3 (12.3-18.8)	1000	10.9 (8.6-13.7)	1160	12.1 (10.0-14.7)	8.8 (8.3-9.2)
• 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)	1158	5.9 (4.4-7.9)	5.2 (4.9-5.6)
• 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)	1159	1.7 (0.9-3.0)	1.5 (1.3-1.7)
• 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)	1150	3.3 (2.2-4.7)	4.4 (4.1-4.8)
• 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)	1162	3.8 (2.6-5.4)	3.0 (2.8-3.3)
Intimate Partner Violence (IPV)[‡]											
• Experienced IPV during the 12 months before pregnancy by a husband or partner and/or by an ex-husband or ex-partner			984	4.6 (3.1-6.7)	967	3.9 (2.5-6.0)	1001	3.4 (2.2-5.3)	1162	3.1 (2.1-4.6)	2.5 (2.3-2.8)
• Experienced IPV during pregnancy by a husband or partner and/or by an ex-husband or ex-partner			981	2.6 (1.5-4.3)	967	2.2 (1.2-4.0)	1000	2.8 (1.7-4.6)	1162	2.8 (1.7-4.3)	1.7 (1.5-1.9)
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)	1169	23.0 (20.1-26.1)	15.5 (15.0-16.1)
• 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)	1153	22.5 (19.6-25.7)	15.2 (14.7-15.8)
• 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)	1159	14.3 (11.9-17.0)	13.4 (12.9-13.9)
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)	1167	68.3 (64.9-71.6)	66.0 (65.3-66.8)
• 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)	1152	89.7 (87.3-91.7)	87.1 (86.5-87.6)
• Had a flu shot in the 12 months before delivery			975	65.9 (62.0-69.7)	959	68.1 (64.1-71.8)	993	68.6 (64.7-72.3)	1146	70.9 (67.5-74.0)	60.9 (60.1-61.7)
• 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)	1166	89.6 (87.2-91.6)	88.1 (87.6-88.6)
Pregnancy Intention											
• Mistimed			976	21.6 (18.4-25.3)	955	17.6 (14.6-21.2)	985	18.9 (15.8-22.4)	1136	20.8 (17.9-24.0)	17.7 (17.2-18.4)
• Unwanted pregnancy			976	5.1 (3.6-7.1)	955	5.5 (3.9-7.8)	985	7.8 (5.8-10.4)	1136	7.0 (5.3-9.1)	6.3 (6.0-6.7)
• 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)	1136	14.9 (12.5-17.7)	15.5 (15.0-16.1)
• Intended pregnancy			976	60.2 (56.1-64.1)	955	60.3 (56.0-64.4)	985	59.9 (55.8-63.9)	1136	57.3 (53.6-60.8)	60.4 (59.6-61.1)

Health Indicator	2016 [≥]		2017		2018		2019		2020		Overall 2020
	N [#]	% (95% CI) [¶]	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)	1142	75.3 (72.1-78.3)	74.5 (73.9-75.2)
• 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)	1142	12.7 (10.5-15.3)	10.9 (10.4-11.4)
• 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)	1142	17.3 (14.8-20.3)	16.7 (16.1-17.3)
• 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)	1142	21.8 (19.0-24.9)	24.5 (23.9-25.2)
• 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)	1142	23.4 (20.5-26.6)	22.4 (21.8-23.1)
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)	1159	45.9 (42.3-49.5)	40.0 (39.3-40.8)
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)	1136	68.7 (65.2-72.0)	61.8 (61.0-62.5)
• Medicaid			960	12.4 (9.8-15.5)	930	12.7 (10.0-16.1)	972	14.8 (12.0-18.1)	1136	13.9 (11.5-16.6)	23.5 (22.9-24.1)
• No insurance			960	14.3 (11.6-17.6)	930	17.9 (14.7-21.7)	972	17.6 (14.5-21.1)	1136	17.5 (14.8-20.5)	14.0 (13.4-14.5)
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)	1072	67.3 (63.7-70.7)	59.6 (58.8-60.3)
• Medicaid			918	27.8 (24.1-31.8)	907	28.3 (24.4-32.6)	963	30.1 (26.3-34.1)	1072	27.4 (24.2-30.9)	36.6 (35.8-37.3)
• No insurance			918	3.1 (1.8-5.3)	907	3.9 (2.5-6.1)	963	4.3 (2.8-6.5)	1072	5.2 (3.7-7.4)	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)	1133	63.5 (59.9-67.0)	56.4 (55.6-57.2)
• Medicaid			957	19.9 (16.8-23.5)	926	19.4 (16.0-23.2)	976	21.7 (18.4-25.4)	1133	27.5 (24.4-30.9)	35.4 (34.7-36.1)
• No insurance			957	12.0 (9.4-15.1)	926	14.6 (11.7-18.1)	976	14.7 (11.9-17.9)	1133	8.9 (7.0-11.4)	7.2 (6.8-7.7)
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)	1102	82.3 (79.4-85.0)	79.5 (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)	1117	92.5 (90.4-94.2)	87.9 (87.3-88.4)
• 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)	1106	73.9 (70.6-77.0)	68.5 (67.8-69.3)

[≥] Did not participate in 2016.

^{||} PRAMS sites aggregated for 2020: Alabama, Alaska, Arizona, 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, North Dakota, Oregon, Pennsylvania, Puerto Rico, South Dakota, Tennessee, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, and Wyoming that met the required 50% response rate threshold for inclusion.

[#] Unweighted sample size.

[¶] Weighted percentage (95% confidence interval [CI]).

[‡] Defined as being pushed, hit, slapped, kicked, choked, or physically hurt in any way by a husband or partner and/or by an ex-husband or ex-partner. In 2016 (Phase 8 questionnaire), 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 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 or natural family planning, withdrawal).

^{§§} Long-acting reversible contraception (LARC) methods include 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 or natural family planning, and withdrawal. Women who selected the “other” write-in option were excluded from the analysis.

^{¶¶} Insurance coded as Medicaid (Medicaid or state-named Medicaid program), Private (private only, any other insurance in combination with private, or TRICARE or other military insurance), or No insurance (no insurance or Indian Health Service (IHS) only; in Alaska, coverage by the Alaska Tribal Health System was part of the IHS response option). Other state-specific government plans or programs, such as the Children’s Health Insurance Program (CHIP) or State Children’s Health Insurance Program (SCHIP), were excluded from estimates.