



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

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) [¶]
Nutrition											
• Multivitamin use ≥4 times a week during the month before pregnancy	1834	34.4 (31.2-37.8)	1621	35.3 (31.9-38.9)	1383	36.4 (32.8-40.1)					43.6 (42.9-44.4)
Pre-pregnancy Weight											
• Underweight (body mass index [BMI] <18.5 kg/m ²)	1755	3.3 (2.2-4.9)	1559	3.1 (2.0-4.7)	1328	3.7 (2.4-5.6)					3.2 (2.9-3.5)
• Overweight (BMI 25–29.9 kg/m ²)	1755	26.0 (23.1-29.1)	1559	28.3 (25.1-31.8)	1328	29.5 (26.0-33.1)					26.1 (25.5-26.8)
• Obese (BMI ≥30 kg/m ²)	1755	29.8 (26.7-33.0)	1559	25.9 (23.0-29.1)	1328	28.0 (24.8-31.5)					27.7 (27.0-28.4)
Substance Use											
• Any cigarette smoking											
• During the 3 months before pregnancy	1820	23.3 (20.5-26.3)	1610	23.8 (20.8-27.0)	1376	23.1 (19.9-26.6)					14.0 (13.4-14.5)
• During the last 3 months of pregnancy	1822	12.3 (10.2-14.9)	1610	12.7 (10.3-15.5)	1378	10.9 (8.6-13.8)					6.5 (6.2-6.9)
• Postpartum	1821	17.4 (15.0-20.2)	1608	17.5 (14.9-20.5)	1378	15.9 (13.2-19.0)					8.8 (8.3-9.2)
• Any e-cigarette use											
• During the 3 months before pregnancy	1825	5.9 (4.5-7.8)	1612	4.7 (3.3-6.7)	1375	8.4 (6.3-11.2)					5.2 (4.9-5.6)
• During the last 3 months of pregnancy	1826	1.4 (0.8-2.4)	1612	2.1 (1.2-3.6)	1376	2.4 (1.4-4.1)					1.5 (1.3-1.7)
• Hookah use in the last 2 years	1809	2.5 (1.8-3.6)	1589	2.1 (1.4-3.3)	1358	1.8 (1.1-2.9)					4.4 (4.1-4.8)
• Heavy drinking (≥8 drinks a week) during the 3 months before pregnancy	1824	2.4 (1.5-3.8)	1613	2.3 (1.3-3.8)	1378	2.4 (1.4-4.0)					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	1819	3.7 (2.6-5.2)	1607	4.4 (3.1-6.2)	1372	4.0 (2.8-5.7)					2.5 (2.3-2.8)
• Experienced IPV during pregnancy by a husband or partner and/or by an ex-husband or ex-partner	1813	2.5 (1.7-3.8)	1607	3.5 (2.4-5.2)	1372	2.4 (1.5-3.7)					1.7 (1.5-1.9)
Depression											
• Self-reported depression in the 3 months before pregnancy	1830	14.5 (12.2-17.1)	1617	17.5 (14.9-20.6)	1372	17.2 (14.4-20.4)					15.5 (15.0-16.1)
• Self-reported depression during pregnancy	1823	13.1 (11.0-15.6)	1612	14.6 (12.2-17.4)	1371	16.8 (14.1-19.8)					15.2 (14.7-15.8)
• Self-reported postpartum depressive symptoms ^{**}	1823	14.7 (12.5-17.3)	1609	15.0 (12.5-17.9)	1377	15.8 (13.2-18.8)					13.4 (12.9-13.9)
Health Care Services											
• Health care visit in the 12 months before pregnancy	1824	57.4 (54.1-60.7)	1611	58.6 (55.1-62.1)	1377	58.7 (54.9-62.3)					66.0 (65.3-66.8)
• Began prenatal care in 1st trimester	1817	82.7 (80.2-85.0)	1590	83.1 (80.3-85.6)	1361	84.0 (81.1-86.5)					87.1 (86.5-87.6)
• Had a flu shot in the 12 months before delivery	1808	53.2 (49.8-56.6)	1607	50.0 (46.4-53.6)	1365	57.2 (53.4-60.9)					60.9 (60.1-61.7)
• Had maternal postpartum checkup	1832	86.2 (83.8-88.4)	1612	86.7 (84.1-88.9)	1381	89.3 (86.9-91.2)					88.1 (87.6-88.6)
Pregnancy Intention											
• Mistimed	1835	19.8 (17.4-22.5)	1615	23.3 (20.5-26.5)	1373	20.8 (17.9-23.9)					17.7 (17.2-18.4)
• Unwanted pregnancy	1835	8.7 (6.9-10.8)	1615	8.1 (6.3-10.4)	1373	7.3 (5.6-9.5)					6.3 (6.0-6.7)
• Unsure whether wanted pregnancy	1835	17.5 (15.2-20.2)	1615	19.1 (16.4-22.2)	1373	16.6 (14.0-19.6)					15.5 (15.0-16.1)
• Intended pregnancy	1835	53.9 (50.6-57.3)	1615	49.4 (45.8-53.0)	1373	55.4 (51.6-59.1)					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 ^{†††}	1804	78.9 (76.0-81.5)	1595	79.7 (76.6-82.4)	1362	77.9 (74.7-80.8)					74.5 (73.9-75.2)
• Highly effective contraceptive methods											
• Male or female sterilization	1804	14.8 (12.4-17.5)	1595	14.5 (12.0-17.4)	1362	12.6 (10.2-15.5)					10.9 (10.4-11.4)
• Long-acting reversible contraceptive method ^{§§}	1804	15.3 (13.2-17.8)	1595	17.8 (15.3-20.7)	1362	18.9 (16.1-22.1)					16.7 (16.1-17.3)
• Moderately effective contraceptive methods ^{§§}	1804	28.7 (25.7-31.9)	1595	29.4 (26.1-32.8)	1362	26.9 (23.6-30.4)					24.5 (23.9-25.2)
• Least effective contraceptive methods ^{§§}	1804	20.1 (17.5-23.0)	1595	18.0 (15.4-20.8)	1362	19.5 (16.6-22.7)					22.4 (21.8-23.1)
Oral Health											
• Teeth cleaned during pregnancy by a dentist or dental hygienist	1833	33.1 (29.9-36.4)	1622	35.3 (31.9-38.8)	1381	36.3 (32.8-40.1)					40.0 (39.3-40.8)
Health Insurance Status One Month Before Pregnancy^{¶¶}											
• Private insurance	1795	54.7 (51.4-58.0)	1595	53.7 (50.2-57.2)	1371	54.7 (51.0-58.3)					61.8 (61.0-62.5)
• Medicaid	1795	16.4 (14.1-19.1)	1595	15.8 (13.4-18.6)	1371	13.2 (10.9-15.8)					23.5 (22.9-24.1)
• No insurance	1795	26.0 (23.4-28.9)	1595	27.1 (24.3-30.2)	1371	29.6 (26.3-33.0)					14.0 (13.4-14.5)
Health Insurance Status for Prenatal Care^{¶¶}											
• Private insurance	1783	48.6 (45.2-52.0)	1595	48.4 (44.9-52.0)	1366	47.0 (43.2-50.7)					59.6 (58.8-60.3)
• Medicaid	1783	49.1 (45.8-52.5)	1595	48.6 (45.1-52.2)	1366	50.2 (46.5-54.0)					36.6 (35.8-37.3)
• No insurance	1783	2.3 (1.6-3.3)	1595	3.0 (2.0-4.3)	1366	2.8 (1.8-4.3)					2.8 (2.5-3.1)
Health Insurance Status Postpartum^{††¶¶}											
• Private insurance	1801	51.4 (48.1-54.7)	1602	49.8 (46.3-53.3)	1365	51.6 (47.9-55.3)					56.4 (55.6-57.2)
• Medicaid	1801	16.5 (14.3-19.1)	1602	18.2 (15.6-21.1)	1365	15.5 (13.1-18.3)					35.4 (34.7-36.1)
• No insurance	1801	28.7 (26.0-31.7)	1602	28.0 (25.1-31.0)	1365	29.4 (26.2-32.8)					7.2 (6.8-7.7)
Infant Sleep Practices											
• Baby most often laid on back to sleep	1796	74.8 (71.7-77.6)	1584	77.6 (74.4-80.4)	1365	81.6 (78.7-84.2)					79.5 (78.9-80.2)
Breastfeeding Practices											
• Ever breastfed	1799	83.9 (81.3-86.2)	1593	85.5 (82.8-87.9)	1369	88.8 (86.3-91.0)					87.9 (87.3-88.4)
• Any breastfeeding at 8 weeks	1794	57.7 (54.3-61.0)	1570	58.6 (54.9-62.1)	1362	62.3 (58.5-65.9)					68.5 (67.8-69.3)

[‡] Did not meet the required 50% response rate threshold in 2019.

[§] Did not meet the required 50% response rate threshold in 2020.

^{||} 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.