

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

Health Indicator	2016		2017		2018		2019		Overall 2019 [§]
	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	612	41.1 (36.6-45.7)	501	35.8 (31.2-40.7)	543	39.3 (34.5-44.4)	493	41.6 (36.4-46.9)	41.8 (41.0-42.5)
Pre-pregnancy Weight									
• Underweight (Body Mass Index [BMI]<18.5 kg/m ²)	593	3.9 (2.4-6.2)	488	3.8 (2.2-6.6)	538	2.7 (1.5-4.6)	484	1.2 (0.5-2.7)	3.3 (3.0-3.6)
• Overweight (BMI 25-29.9 kg/m ²)	593	25.7 (21.7-30.1)	488	24.4 (20.2-29.1)	538	28.6 (24.2-33.5)	484	30.5 (25.7-35.8)	26.2 (25.5-26.9)
• Obese (BMI≥30 kg/m ²)	593	19.5 (16.0-23.5)	488	25.3 (21.1-30.0)	538	23.2 (19.2-27.8)	484	26.3 (21.8-31.4)	27.1 (26.4-27.8)
Substance Use									
• Any cigarette smoking									
• During the 3 months before pregnancy	611	21.1 (17.6-25.1)	497	24.2 (20.0-29.0)	541	20.5 (16.7-24.9)	491	23.6 (19.3-28.6)	15.1 (14.6-15.7)
• During the last 3 months of pregnancy	613	11.2 (8.6-14.4)	495	10.0 (7.3-13.5)	542	9.0 (6.5-12.4)	491	11.4 (8.4-15.4)	6.8 (6.5-7.2)
• Postpartum	613	14.4 (11.5-17.9)	496	16.3 (12.7-20.6)	542	11.6 (8.8-15.3)	490	13.6 (10.2-17.8)	9.7 (9.2-10.1)
• Any e-cigarette use									
• During the 3 months before pregnancy	606	7.0 (4.9-9.9)	496	5.6 (3.5-8.8)	542	5.8 (3.9-8.7)	492	9.4 (6.6-13.1)	4.3 (4.0-4.6)
• During the last 3 months of pregnancy	605	2.6 (1.4-4.7)	496	1.2 (0.4-3.3)	542	1.0 (0.4-2.5)	492	1.4 (0.6-3.7)	1.3 (1.1-1.4)
• Hookah use in the last 2 years	604	4.7 (3.0-7.2)	490	2.4 (1.2-4.9)	533	1.8 (0.8-3.7)	485	2.0 (0.9-4.3)	4.7 (4.4-5.1)
• Heavy drinking (≥8 drinks a week) during the 3 months before pregnancy	607	1.2 (0.6-2.7)	496	4.0 (2.3-6.8)	539	1.8 (0.9-3.7)	489	3.3 (1.9-5.8)	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	598	4.3 (2.7-6.7)	490	1.1 (0.5-2.5)	537	1.9 (0.9-4.0)	479	4.5 (2.7-7.3)	3.0 (2.8-3.3)
• Experienced IPV during pregnancy by a husband or partner and/or an ex-husband or partner	597	3.1 (1.8-5.1)	490	0.8 (0.4-1.6)	539	1.0 (0.4-2.5)	479	2.6 (1.4-4.9)	2.0 (1.8-2.2)
Depression									
• Self-reported depression in the 3 months before pregnancy	609	17.3 (14.0-21.2)	498	19.1 (15.3-23.4)	543	15.3 (12.1-19.3)	489	21.1 (17.1-25.9)	15.1 (14.5-15.7)
• Self-reported depression during pregnancy	610	16.6 (13.4-20.5)	492	15.3 (12.0-19.4)	541	15.7 (12.4-19.6)	488	22.3 (18.1-27.1)	14.8 (14.2-15.4)
• Self-reported postpartum depressive symptoms ^{**}	601	11.4 (8.7-14.7)	491	12.7 (9.6-16.7)	538	15.7 (12.3-19.8)	486	15.3 (11.9-19.6)	13.4 (12.9-14.0)
Health Care Services									
• Health care visit in the 12 months before pregnancy	607	68.0 (63.5-72.3)	499	70.5 (65.6-75.0)	539	64.5 (59.4-69.2)	491	67.5 (62.1-72.4)	68.0 (67.2-68.7)
• Began prenatal care in 1st trimester	603	84.2 (80.4-87.3)	497	86.2 (82.3-89.3)	543	87.7 (83.9-90.7)	485	86.6 (82.4-90.0)	87.7 (87.2-88.3)
• Had a flu shot in the 12 months before birth	608	52.7 (48.0-57.4)	492	51.2 (46.0-56.3)	540	52.7 (47.6-57.8)	485	66.0 (60.6-71.0)	60.8 (60.1-61.6)
• Had maternal postpartum checkup	602	90.4 (87.3-92.8)	495	92.8 (89.7-95.0)	541	93.0 (90.1-95.1)	485	91.5 (87.9-94.1)	90.7 (90.3-91.2)
Pregnancy Intention									
• Mistimed	608	21.9 (18.2-26.0)	493	19.1 (15.2-23.6)	536	22.3 (18.3-26.8)	486	17.6 (13.8-22.1)	19.3 (18.7-19.9)
• Unwanted pregnancy	608	3.4 (2.1-5.4)	493	7.1 (4.9-10.1)	536	3.9 (2.5-6.0)	486	4.1 (2.4-7.0)	6.5 (6.2-6.9)
• Unsure whether wanted pregnancy	608	15.9 (12.8-19.7)	493	13.8 (10.6-17.8)	536	16.7 (13.2-20.9)	486	13.7 (10.4-17.9)	15.7 (15.1-16.2)
• Intended pregnancy	608	58.8 (54.1-63.3)	493	60.1 (54.9-65.0)	536	57.2 (52.1-62.2)	486	64.6 (59.2-69.6)	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 ⁺⁺⁺	590	83.4 (79.6-86.6)	487	83.4 (79.2-86.9)	534	79.9 (75.5-83.7)	485	80.5 (75.9-84.4)	76.4 (75.7-77.0)
• Highly effective contraceptive methods									
• Male or female sterilization	590	15.1 (12.0-18.8)	487	17.4 (13.9-21.7)	534	14.9 (11.6-19.0)	485	13.3 (10.1-17.4)	11.5 (11.0-12.0)
• Long acting reversible contraceptive method ^{§§}	590	16.1 (12.9-19.9)	487	22.4 (18.2-27.1)	534	19.5 (15.7-23.8)	485	22.6 (18.3-27.5)	17.3 (16.7-17.9)
• Moderately effective contraceptive methods ^{§§}	590	29.1 (24.9-33.7)	487	24.2 (20.0-29.0)	534	25.4 (21.2-30.2)	485	25.3 (20.9-30.3)	24.6 (23.9-25.3)
• Least effective contraceptive methods ^{§§}	590	23.1 (19.3-27.4)	487	19.4 (15.7-23.6)	534	20.1 (16.3-24.5)	485	19.3 (15.3-24.0)	23.0 (22.4-23.7)
Oral Health									
• Teeth cleaned during pregnancy by a dentist or dental hygienist	613	44.7 (40.1-49.4)	500	49.5 (44.5-54.6)	544	48.9 (43.9-54.0)	491	50.8 (45.5-56.2)	45.9 (45.1-46.7)
Health Insurance Status One Month Before Pregnancy^{¶¶}									
• Private insurance	598	68.6 (64.1-72.8)	488	73.3 (68.5-77.7)	531	66.0 (61.0-70.7)	482	68.2 (62.8-73.1)	62.7 (62.0-63.5)
• Medicaid	598	10.8 (8.2-14.0)	488	9.2 (6.5-12.7)	531	13.2 (10.1-17.1)	482	15.4 (11.8-20.0)	22.6 (22.0-23.3)
• No insurance	598	19.6 (16.2-23.7)	488	17.5 (13.8-21.8)	531	20.7 (16.8-25.2)	482	15.9 (12.3-20.4)	13.8 (13.2-14.4)
Health Insurance Status for Prenatal Care^{¶¶}									
• Private insurance	559	68.4 (63.7-72.8)	468	69.0 (63.9-73.8)	525	63.5 (58.4-68.3)	470	62.9 (57.3-68.1)	59.8 (59.1-60.6)
• Medicaid	559	28.3 (24.1-32.9)	468	25.3 (21.0-30.2)	525	30.8 (26.2-35.7)	470	33.4 (28.4-38.9)	36.2 (35.5-37.0)
• No insurance	559	3.0 (1.7-5.1)	468	5.3 (3.2-8.7)	525	5.7 (3.7-8.8)	470	3.7 (2.1-6.4)	2.8 (2.5-3.1)
Health Insurance Status Postpartum^{++¶¶}									
• Private insurance	597	65.0 (60.3-69.4)	491	69.7 (64.6-74.3)	530	63.7 (58.5-68.5)	476	64.6 (59.2-69.7)	57.7 (56.9-58.4)
• Medicaid	597	16.8 (13.6-20.6)	491	12.5 (9.4-16.4)	530	14.6 (11.3-18.5)	476	18.1 (14.2-22.7)	29.9 (29.2-30.6)
• No insurance	597	17.5 (14.1-21.5)	491	17.5 (13.8-22.0)	530	21.8 (17.7-26.5)	476	17.2 (13.3-21.9)	11.5 (11.0-12.0)
Infant Sleep Practices									
• Baby most often laid on back to sleep	576	84.9 (81.1-88.0)	477	86.0 (81.8-89.3)	518	85.7 (81.5-89.0)	475	82.3 (77.5-86.3)	79.6 (78.9-80.2)
Breastfeeding Practices									
• Ever breastfed	585	90.7 (87.6-93.1)	487	91.8 (88.5-94.2)	527	89.3 (85.6-92.1)	480	91.9 (88.4-94.5)	87.9 (87.4-88.4)
• Any breastfeeding at 8 weeks	578	73.8 (69.3-77.8)	480	76.3 (71.5-80.5)	526	72.0 (67.1-76.4)	477	74.3 (69.2-78.8)	67.7 (67.0-68.4)

[§]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.