



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

Health Indicator	2016		2017		2018		2019		2020		Overall 2020 ^{II}
	N [#]	% (95% CI) ^{II}	% (95% CI) ^{II}								
Nutrition											
• Multivitamin use ≥4 times a week during the month before pregnancy	1258	46.7 (42.7-50.8)	1343	41.1 (37.2-45.1)	1054	44.6 (40.4-48.9)	850	42.9 (38.6-47.2)	1688	46.2 (42.6-49.9)	43.6 (42.9-44.4)
Pre-pregnancy Weight											
• Underweight (body mass index [BMI] <18.5 kg/m ²)	1213	2.2 (1.3-3.8)	1305	2.5 (1.5-4.1)	1030	1.5 (0.8-2.8)	826	1.8 (0.9-3.6)	1597	1.9 (1.1-3.2)	3.2 (2.9-3.5)
• Overweight (BMI 25–29.9 kg/m ²)	1213	25.2 (21.8-29.0)	1305	24.4 (21.1-28.0)	1030	25.7 (22.1-29.6)	826	24.9 (21.3-28.9)	1597	26.1 (22.9-29.5)	26.1 (25.5-26.8)
• Obese (BMI ≥30 kg/m ²)	1213	27.1 (23.6-30.9)	1305	26.4 (23.0-30.2)	1030	29.6 (25.8-33.6)	826	26.3 (22.6-30.4)	1597	30.8 (27.4-34.4)	27.7 (27.0-28.4)
Substance Use											
• Any cigarette smoking											
• During the 3 months before pregnancy	1220	21.2 (17.8-25.1)	1311	20.0 (16.9-23.6)	1031	16.2 (13.2-19.7)	823	16.3 (13.1-20.1)	1656	17.7 (14.9-20.9)	14.0 (13.4-14.5)
• During the last 3 months of pregnancy	1219	12.1 (9.4-15.5)	1312	12.0 (9.4-15.1)	1032	10.1 (7.7-13.2)	822	6.2 (4.2-9.0)	1657	10.5 (8.3-13.2)	6.5 (6.2-6.9)
• Postpartum	1214	14.1 (11.3-17.6)	1311	15.0 (12.2-18.3)	1033	12.3 (9.6-15.5)	821	8.8 (6.5-11.9)	1654	12.7 (10.3-15.6)	8.8 (8.3-9.2)
• Any e-cigarette use											
• During the 3 months before pregnancy	1212	3.7 (2.3-5.8)	1306	3.1 (1.9-5.1)	1031	3.4 (2.0-5.8)	827	5.5 (3.7-8.2)	1653	5.7 (4.1-7.8)	5.2 (4.9-5.6)
• During the last 3 months of pregnancy	1214	1.4 (0.6-3.2)	1305	1.3 (0.6-2.8)	1033	2.1 (1.0-4.2)	826	1.0 (0.4-2.6)	1649	1.6 (0.8-3.1)	1.5 (1.3-1.7)
• Hookah use in the last 2 years	1205	3.7 (2.6-5.3)	1291	4.4 (3.1-6.2)	1021	3.7 (2.6-5.3)	818	4.2 (3.0-6.1)	1614	4.9 (3.7-6.4)	4.4 (4.1-4.8)
• Heavy drinking (≥8 drinks a week) during the 3 months before pregnancy	1209	3.2 (2.0-5.2)	1302	3.3 (2.1-5.3)	1027	4.0 (2.6-6.2)	819	5.3 (3.5-7.9)	1653	4.7 (3.3-6.6)	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	1204	2.4 (1.4-3.9)	1282	4.0 (2.7-5.8)	1014	2.9 (1.8-4.6)	827	4.6 (3.0-7.0)	1654	3.2 (2.2-4.7)	2.5 (2.3-2.8)
• Experienced IPV during pregnancy by a husband or partner and/or by an ex-husband or ex-partner	1199	1.7 (1.0-2.8)	1281	2.8 (1.8-4.4)	1015	2.1 (1.2-3.6)	822	1.8 (1.0-3.2)	1649	2.4 (1.6-3.7)	1.7 (1.5-1.9)
Depression											
• Self-reported depression in the 3 months before pregnancy	1243	15.7 (12.8-19.0)	1319	16.8 (13.9-20.1)	1040	17.7 (14.6-21.3)	841	22.2 (18.6-26.3)	1669	22.0 (19.0-25.3)	15.5 (15.0-16.1)
• Self-reported depression during pregnancy	1224	13.0 (10.5-16.2)	1301	14.2 (11.6-17.1)	1019	13.9 (11.2-17.2)	831	21.0 (17.4-25.0)	1655	19.7 (16.8-22.8)	15.2 (14.7-15.8)
• Self-reported postpartum depressive symptoms ^{**}	1177	11.4 (9.1-14.2)	1267	11.7 (9.4-14.4)	988	10.5 (8.3-13.2)	817	13.8 (10.9-17.3)	1643	13.8 (11.5-16.5)	13.4 (12.9-13.9)
Health Care Services											
• Health care visit in the 12 months before pregnancy	1253	72.5 (68.9-75.8)	1333	71.7 (68.0-75.1)	1051	76.2 (72.7-79.4)	846	74.7 (70.8-78.3)	1676	76.5 (73.5-79.2)	66.0 (65.3-66.8)
• Began prenatal care in 1st trimester	1230	88.9 (86.3-91.0)	1311	87.6 (84.9-89.9)	1033	86.3 (83.1-89.0)	831	87.0 (83.8-89.6)	1654	89.0 (86.8-90.9)	87.1 (86.5-87.6)
• Had a flu shot in the 12 months before delivery	1229	70.3 (66.3-74.0)	1319	66.3 (62.4-70.0)	1037	63.6 (59.3-67.7)	837	68.3 (64.0-72.4)	1672	70.8 (67.3-74.0)	60.9 (60.1-61.7)
• Had maternal postpartum checkup	1192	91.8 (89.2-93.8)	1279	94.2 (92.2-95.7)	997	90.9 (88.2-93.1)	820	90.7 (87.7-93.1)	1649	88.6 (86.1-90.7)	88.1 (87.6-88.6)
Pregnancy Intention											
• Mistimed	1249	19.4 (16.3-22.9)	1327	16.6 (14.0-19.7)	1042	18.4 (15.3-21.9)	841	15.9 (13.0-19.4)	1667	15.7 (13.3-18.4)	17.7 (17.2-18.4)
• Unwanted pregnancy	1249	3.9 (2.7-5.7)	1327	6.7 (5.0-9.0)	1042	6.1 (4.4-8.4)	841	6.4 (4.6-8.8)	1667	5.3 (4.0-7.0)	6.3 (6.0-6.7)
• Unsure whether wanted pregnancy	1249	13.5 (11.1-16.4)	1327	14.6 (12.0-17.5)	1042	14.5 (11.8-17.6)	841	16.3 (13.3-19.8)	1667	14.2 (11.8-16.9)	15.5 (15.0-16.1)
• Intended pregnancy	1249	63.2 (59.2-67.0)	1327	62.1 (58.2-65.9)	1042	61.0 (56.8-65.0)	841	61.4 (57.1-65.6)	1667	64.9 (61.4-68.2)	60.4 (59.6-61.1)

Health Indicator	2016		2017		2018		2019		2020		Overall 2020 ^{ll}
	N [#]	% (95% CI) ^{nl}	% (95% CI) ^{nl}								
Postpartum⁺⁺ Family Planning											
• Use of any postpartum contraception ⁺⁺⁺	1176	78.6 (75.0-81.8)	1269	82.0 (78.7-84.9)	981	78.3 (74.5-81.7)	804	77.0 (73.1-80.5)	1624	77.7 (74.4-80.6)	74.5 (73.9-75.2)
• Highly effective contraceptive methods											
• Male or female sterilization	1176	10.5 (8.3-13.3)	1269	9.3 (7.2-11.9)	981	12.0 (9.3-15.4)	804	13.3 (10.4-16.9)	1624	12.0 (9.7-14.8)	10.9 (10.4-11.4)
• Long-acting reversible contraceptive method ^{ss}	1176	17.6 (14.6-21.1)	1269	19.6 (16.6-23.1)	981	16.7 (13.7-20.2)	804	15.7 (12.8-19.2)	1624	17.2 (14.6-20.2)	16.7 (16.1-17.3)
• Moderately effective contraceptive methods ^{ss}	1176	26.2 (22.7-30.1)	1269	27.2 (23.7-31.0)	981	22.3 (18.9-26.1)	804	24.6 (21.0-28.6)	1624	24.5 (21.5-27.9)	24.5 (23.9-25.2)
• Least effective contraceptive methods ^{ss}	1176	24.3 (20.8-28.0)	1269	25.9 (22.4-29.7)	981	27.4 (23.6-31.5)	804	23.5 (19.8-27.5)	1624	24.0 (20.9-27.3)	22.4 (21.8-23.1)
Oral Health											
• Teeth cleaned during pregnancy by a dentist or dental hygienist	1242	50.2 (46.1-54.2)	1327	50.7 (46.8-54.7)	1042	49.6 (45.3-53.9)	844	47.7 (43.3-52.1)	1681	46.1 (42.5-49.8)	40.0 (39.3-40.8)
Health Insurance Status One Month Before Pregnancy^{nl}											
• Private insurance	1221	70.9 (67.3-74.2)	1311	65.1 (61.2-68.7)	1015	65.5 (61.4-69.4)	823	66.3 (62.2-70.2)	1660	66.6 (63.2-69.8)	61.8 (61.0-62.5)
• Medicaid	1221	20.8 (17.9-24.1)	1311	24.3 (21.1-27.8)	1015	24.1 (20.8-27.8)	823	21.5 (18.3-25.0)	1660	24.8 (21.9-28.0)	23.5 (22.9-24.1)
• No insurance	1221	8.3 (6.4-10.5)	1311	10.7 (8.4-13.4)	1015	10.4 (8.0-13.4)	823	12.3 (9.5-15.6)	1660	8.6 (6.9-10.6)	14.0 (13.4-14.5)
Health Insurance Status for Prenatal Care^{nl}											
• Private insurance	1116	68.2 (64.3-71.8)	1215	62.1 (58.1-65.9)	977	58.7 (54.4-62.8)	807	61.6 (57.3-65.8)	1623	64.6 (61.3-67.9)	59.6 (58.8-60.3)
• Medicaid	1116	30.5 (26.9-34.3)	1215	35.2 (31.5-39.1)	977	37.8 (33.8-42.0)	807	33.8 (29.9-37.9)	1623	33.8 (30.6-37.1)	36.6 (35.8-37.3)
• No insurance	1116	1.4 (0.6-3.1)	1215	2.7 (1.4-5.0)	977	3.5 (2.0-6.2)	807	4.6 (2.8-7.5)	1623	1.5 (0.8-3.0)	2.8 (2.5-3.1)
Health Insurance Status Postpartum^{++nl}											
• Private insurance	1226	68.0 (64.3-71.5)	1304	63.3 (59.5-66.9)	1024	59.8 (55.6-63.8)	819	60.8 (56.4-64.9)	1664	61.3 (57.8-64.6)	56.4 (55.6-57.2)
• Medicaid	1226	24.6 (21.4-28.2)	1304	29.1 (25.7-32.8)	1024	31.1 (27.3-35.2)	819	28.1 (24.4-32.1)	1664	34.3 (31.0-37.7)	35.4 (34.7-36.1)
• No insurance	1226	7.3 (5.7-9.4)	1304	7.6 (5.8-9.9)	1024	9.1 (7.0-11.8)	819	11.2 (8.6-14.4)	1664	4.4 (3.3-6.0)	7.2 (6.8-7.7)
Infant Sleep Practices											
• Baby most often laid on back to sleep	1164	85.6 (82.5-88.3)	1251	86.2 (83.2-88.8)	974	85.1 (81.8-87.9)	802	84.3 (80.8-87.3)	1607	87.6 (85.1-89.8)	79.5 (78.9-80.2)
Breastfeeding Practices											
• Ever breastfed	1185	86.8 (83.8-89.4)	1272	89.2 (86.6-91.4)	998	88.1 (85.2-90.4)	813	90.2 (87.4-92.5)	1621	86.7 (84.0-89.0)	87.9 (87.3-88.4)
• Any breastfeeding at 8 weeks	1176	68.6 (64.7-72.3)	1261	70.3 (66.4-73.8)	982	73.0 (69.2-76.5)	800	72.9 (68.9-76.6)	1595	68.7 (65.2-72.0)	68.5 (67.8-69.3)

^{ll} 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.

^{nl} 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).

^{ss} 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.

^{nl} 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.