



Prevalence of Selected Maternal and Child Health Indicators* for Michigan, Pregnancy Risk Assessment Monitoring System (PRAMS), 2012-2015

Health Indicator*	2012		2013		2014		2015		Overall 2015 [¶]
	n [†]	% [§] (95% CI) [‡]	n [†]	% [§] (95% CI) [‡]	n [†]	% [§] (95% CI) [‡]	n [†]	% [§] (95% CI) [‡]	% [§]
Nutrition and Exercise									
- Multivitamin use \geq 4 days a week during the month before pregnancy	1980	37.1 (34.2-40.0)	2016	36.5 (33.6-39.5)			1588	38.9 (35.9-42.0)	38.7
- Dieting during the 12 months before pregnancy	1969	28.6 (26.0-31.4)	2008	31.0 (28.2-34.0)			1573	29.7 (26.9-32.7)	30.1
- Exercising \geq 3 days a week during the 12 months before pregnancy	1971	44.1 (41.1-47.1)	2004	43.6 (40.6-46.7)			1578	44.5 (41.4-47.7)	47.3
Pre-pregnancy Weight									
- Underweight (BMI<18.5)	1931	3.1 (2.2-4.3)	1962	4.3 (3.1-5.9)			1540	3.2 (2.3-4.4)	3.9
- Overweight (BMI 25-29.9)	1931	22.2 (19.8-24.8)	1962	26.3 (23.6-29.1)			1540	22.9 (20.3-25.7)	24.3
- Obese (BMI \geq 30)	1931	26.2 (23.6-29.0)	1962	23.0 (20.6-25.7)			1540	25.4 (22.8-28.3)	24.1
Substance Use									
- Any cigarette smoking during the 3 months before pregnancy	1956	31.0 (28.2-34.0)	1999	27.0 (24.3-29.9)			1557	25.0 (22.3-28.0)	19.4
- Any cigarette smoking during the last 3 months of pregnancy	1961	16.5 (14.3-19.0)	2006	13.5 (11.5-15.9)			1563	13.3 (11.2-15.8)	8.8
- Any cigarette smoking postpartum	1960	22.6 (20.1-25.4)	2004	19.0 (16.6-21.6)			1563	17.8 (15.4-20.5)	12.6
- Any alcohol use during the 3 months before pregnancy	1958	62.0 (59.0-64.9)	1988	63.3 (60.3-66.2)			1555	64.3 (61.3-67.3)	55.3
- Any alcohol use during the last 3 months of pregnancy	1957	6.1 (4.9-7.7)	1992	7.1 (5.7-8.9)			1558	6.2 (4.9-7.9)	8.0
Intimate Partner Violence (IPV)									
- Experienced IPV during the 12 months before pregnancy	1964	3.1 (2.2-4.2)	2003	2.4 (1.7-3.5)			1558	3.5 (2.5-4.9)	2.3
- Experienced IPV during pregnancy	1963	2.7 (1.9-3.9)	2004	3.0 (2.2-4.3)			1558	2.8 (1.9-4.0)	2.1
Depression									
- Told by a provider had depression before pregnancy [#]	1970	11.7 (9.8-13.9)	2005	13.4 (11.3-15.8)			1579	12.6 (10.6-14.9)	10.5
- Self-reported postpartum depressive symptoms	1946	13.8 (11.8-16.0)	1987	13.3 (11.4-15.6)			1533	14.1 (12.0-16.5)	12.8
Pregnancy Intention and Family Planning									
- Mistimed/unwanted pregnancy	1579	37.2 (34.1-40.4)	1608	39.5 (36.2-42.8)			1282	37.3 (34.0-40.6)	34.2
- Unsure about pregnancy	1960	16.8 (14.7-19.2)	1988	16.0 (13.9-18.4)			1570	16.7 (14.5-19.2)	15.4
- Postpartum contraceptive use	1933	77.9 (75.3-80.4)	1992	80.9 (78.4-83.1)			1539	78.1 (75.4-80.6)	78.4

Health Care Services							
- Talked to provider about improving health before pregnancy [#]	1963	21.9 (19.6-24.5)	2012	20.4 (18.1-22.9)	1579	22.3 (19.9-25.0)	22.8
- Began prenatal care in 1st trimester	1929	85.6 (83.4-87.6)	1977	84.0 (81.7-86.2)	1533	84.4 (82.0-86.6)	83.0
- Took childbirth class [#]	1963	22.8 (20.3-25.4)	1999	20.2 (17.9-22.8)	1565	21.4 (19.0-24.1)	21.6
- Had home visitor during pregnancy [#]	1963	15.9 (13.9-18.2)	1998	13.4 (11.7-15.5)	1565	12.7 (11.0-14.7)	6.9
- Had flu shot before or during pregnancy	1940	42.7 (39.7-45.8)	1972	48.3 (45.2-51.5)	1543	53.1 (49.9-56.2)	57.3
- Had maternal postpartum checkup	1938	90.6 (88.7-92.3)	1991	91.1 (89.2-92.6)	1543	90.7 (88.8-92.3)	89.7
Oral Health							
- Teeth cleaned during 12 months before pregnancy	1971	60.9 (58.0-63.8)	2008	57.2 (54.1-60.2)	1580	63.4 (60.3-66.4)	56.3
- Teeth cleaned during pregnancy	1952	52.5 (49.5-55.5)	1984	50.3 (47.2-53.4)	1562	53.6 (50.4-56.7)	48.3
- Had dental insurance during pregnancy [#]	1936	75.0 (72.2-77.6)	1961	76.5 (73.7-79.1)	1544	80.6 (78.0-83.0)	72.6
Pre-pregnancy Health Insurance [‡] Status							
- Private insurance	1918	57.6 (54.6-60.6)	1950	58.6 (55.5-61.6)	1549	59.0 (55.9-62.1)	58.5
- Medicaid	1918	24.3 (21.9-26.9)	1950	23.0 (20.6-25.5)	1549	30.0 (27.2-32.9)	21.8
- No insurance	1918	16.7 (14.4-19.2)	1950	16.8 (14.4-19.5)	1549	10.4 (8.5-12.6)	18.7
Health Insurance [‡] Status During Pregnancy							
- Private insurance	1913	55.9 (52.8-58.9)	1962	56.5 (53.4-59.5)	1529	57.8 (54.6-60.9)	57.0
- Medicaid	1913	43.5 (40.5-46.5)	1962	42.2 (39.2-45.3)	1529	41.1 (38.0-44.2)	38.4
- No insurance	1959	1.3 (0.8-2.2)	2000	1.6 (0.9-2.7)	1572	1.3 (0.7-2.1)	2.9
Health Insurance Status Postpartum							
- Private insurance	1905	55.1 (52.1-58.1)	1952	56.0 (52.9-59.0)	1518	55.5 (52.4-58.6)	55.2
- Medicaid	1905	31.2 (28.6-34.0)	1952	30.9 (28.3-33.8)	1518	39.2 (36.1-42.3)	29.1
- No insurance	1952	13.0 (11.0-15.4)	1991	12.8 (10.7-15.3)	1556	5.2 (3.9-6.8)	14.2
Infant Sleep Practices							
- Baby most often laid on back to sleep	1894	78.6 (76.2-80.9)	1945	77.8 (75.3-80.2)	1512	81.4 (78.9-83.7)	78.4
Breastfeeding Practices							
- Ever breastfed	1916	80.1 (77.6-82.4)	1964	82.1 (79.6-84.3)	1530	85.0 (82.6-87.2)	87.1
- Any breastfeeding at 8 weeks	1896	55.6 (52.5-58.6)	1946	57.2 (54.1-60.2)	1513	62.8 (59.7-65.9)	65.6

* Indicators and definitions available in PRAMStat (<http://www.cdc.gov/prams/pramstat/index.html>) unless otherwise indicated.

[†] Unweighted sample size

[§] Weighted percent

[¥] 95% Confidence Interval

[¶] PRAMS site aggregate for 2015: Alabama, Alaska, Arkansas, Colorado, Connecticut, Delaware, Hawaii, Illinois, Iowa, Louisiana, Maine, Maryland, Massachusetts, Michigan, Missouri, Nebraska, New Hampshire, New Jersey, New Mexico, New York City, New York State, Ohio, Oklahoma, Oregon, Pennsylvania, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, and Wyoming met the required 55% response rate threshold for inclusion.

[#] Indicator is new for Phase 7 (2012-2015) survey and is not currently available in PRAMStat.

[‡] Insurance is coded as Medicaid (Medicaid or state-named Medicaid program); Private (Private only, both Medicaid & private, any other insurance in combination with private, TRICARE or other military insurance); and No insurance (no insurance or Indian Health Service (IHS) only; in Alaska this also includes Alaska Native Health Services and Native Regional Health Corporations that are part of the IHS response option).