

Prevalence of Selected Maternal and Child Health Indicators for Hawaii, Pregnancy Risk Assessment Monitoring System (PRAMS), 2016-2017

Health Indicator	2016		2017		Overall 2017 [§]
	N*	% (95% CI) [†]	N*	% (95% CI) [†]	% (95% CI) [†]
Nutrition					
• Multivitamin use ≥4 times a week during the month before pregnancy	1070	40.4 (36.3-44.6)			40.4 (39.7-41.2)
Pre-pregnancy Weight					
• Underweight (Body Mass Index [BMI]<18.5 kg/m ²)	1040	5.2 (3.6-7.5)			3.7 (3.4-4.0)
• Overweight (BMI 25-29.9 kg/m ²)	1040	23.5 (20.1-27.4)			25.6 (24.9-26.3)
• Obese (BMI≥30 kg/m ²)	1040	19.3 (16.1-22.9)			25.3 (24.6-26.0)
Substance Use					
• Any cigarette smoking					
• During the 3 months before pregnancy	1071	14.7 (11.9-18.0)			17.7 (17.1-18.3)
• During the last 3 months of pregnancy	1070	4.9 (3.3-7.3)			8.1 (7.7-8.6)
• Postpartum	1064	7.8 (5.8-10.5)			11.7 (11.2-12.2)
• Any e-cigarette use					
• During the 3 months before pregnancy	1044	4.8 (3.2-7.0)			3.7 (3.4-4.0)
• During the last 3 months of pregnancy	1045	0.9 (0.4-2.2)			1.1 (1.0-1.3)
• Hookah use in the last 2 years	1046	3.4 (2.2-5.3)			4.8 (4.4-5.1)
• Heavy drinking (8 or more drinks a week) during the 3 months before pregnancy	1057	3.3 (2.1-4.9)			2.6 (2.4-2.9)
Intimate Partner Violence (IPV)[¶]					
• Experienced IPV during the 12 months before pregnancy by a husband or partner and/or an ex-husband or partner	1056	3.1 (1.9-5.0)			3.0 (2.7-3.2)
• Experienced IPV during pregnancy by a husband or partner and/or an ex-husband or partner	1053	2.3 (1.3-3.9)			2.2 (2.0-2.4)
Depression					
• Self-reported depression in the 3 months before pregnancy	1068	7.5 (5.7-10.0)			12.8 (12.3-13.3)
• Self-reported depression during pregnancy	1067	6.6 (4.9-8.9)			12.0 (11.5-12.5)
• Self-reported postpartum depressive symptoms [‡]	1055	12.0 (9.6-14.8)			12.5 (12.0-13.0)
Health Care Services					
• Health care visit in the 12 months before pregnancy	1068	62.9 (58.8-66.9)			67.7 (67.0-68.4)
• Began prenatal care in 1st trimester	1055	87.3 (84.2-89.9)			86.9 (86.4-87.4)
• Had a flu shot in the 12 months before birth	1059	58.8 (54.7-62.8)			58.9 (58.2-59.7)
• Had maternal postpartum checkup	1062	90.4 (87.6-92.6)			90.3 (89.8-90.7)
Pregnancy Intention					
• Mistimed	1047	17.9 (14.9-21.4)			19.5 (18.9-20.1)
• Unwanted pregnancy	1047	5.4 (3.8-7.7)			6.1 (5.7-6.5)
• Unsure whether wanted pregnancy	1047	20.4 (17.2-24.1)			15.5 (15.0-16.1)
• Intended pregnancy	1047	56.3 (52.0-60.4)			58.9 (58.1-59.6)

Health Indicator	2016		2017		Overall 2017 [§]
	N*	% (95% CI) [†]	N*	% (95% CI) [†]	% (95% CI) [†]
Postpartum^{§§} Family Planning					
• Use of any postpartum contraception**	1039	71.9 (67.9-75.5)			77.0 (76.3-77.6)
• Highly effective contraceptive methods					
• Male or female sterilization	1039	5.9 (4.3-8.0)			11.2 (10.7-11.6)
• Long acting reversible contraceptive method ^{††}	1039	14.9 (12.0-18.2)			17.0 (16.5-17.6)
• Moderately effective contraceptive methods ^{††}	1039	26.0 (22.5-29.9)			25.6 (24.9-26.3)
• Least effective contraceptive methods ^{††}	1039	25.1 (21.5-29.1)			23.2 (22.5-23.8)
Oral Health					
• Teeth cleaned during pregnancy by a dentist or dental hygienist	1065	45.4 (41.2-49.6)			46.3 (45.5-47.0)
Health Insurance Status One Month Before Pregnancy^{††}					
• Private insurance	1037	72.2 (68.3-75.8)			63.0 (62.2-63.7)
• Medicaid	1037	24.2 (20.8-28.0)			23.0 (22.3-23.6)
• No insurance	1037	3.6 (2.4-5.5)			13.2 (12.6-13.7)
Health Insurance Status for Prenatal Care^{††}					
• Private insurance	1010	71.3 (67.3-74.9)			60.7 (59.9-61.4)
• Medicaid	1010	28.4 (24.7-32.3)			35.6 (34.9-36.4)
• No insurance	1010	0.4 (0.2-0.8)			2.6 (2.3-2.9)
Health Insurance Status Postpartum^{††§§}					
• Private insurance	1034	68.6 (64.6-72.2)			58.5 (57.7-59.2)
• Medicaid	1034	27.5 (24.0-31.3)			29.7 (29.0-30.4)
• No insurance	1034	3.9 (2.6-5.9)			10.8 (10.3-11.3)
Infant Sleep Practices					
• Baby most often laid on back to sleep	1032	77.9 (74.1-81.3)			79.5 (78.9-80.2)
Breastfeeding Practices					
• Ever breastfed	1039	93.9 (91.3-95.8)			87.7 (87.2-88.2)
• Any breastfeeding at 8 weeks	1032	79.4 (75.6-82.8)			67.7 (67.0-68.4)

[§]PRAMS site aggregate for 2017: Alabama, Alaska, Colorado, Connecticut, Delaware, Georgia, Illinois, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Missouri, Montana, New Hampshire, New Jersey, New Mexico, New York City, New York State, North Carolina, North Dakota, Oklahoma, Pennsylvania, Puerto Rico, Rhode Island, South Dakota, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, and Wyoming met the required 55% 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"

^{§§}Postpartum is defined as the time the PRAMS survey was completed

[§]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.

**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.