

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

Health Indicator	2016 <sup>z</sup>		2017		2018		2019		Overall 2019 <sup>s</sup>
	N <sup>#</sup>	% (95% CI) <sup>¶</sup>	N <sup>#</sup>	% (95% CI) <sup>¶</sup>	N <sup>#</sup>	% (95% CI) <sup>¶</sup>	N <sup>#</sup>	% (95% CI) <sup>¶</sup>	% (95% CI) <sup>¶</sup>
<b>Nutrition</b>									
• Multivitamin use ≥4 times a week during the month before pregnancy			700	33.0 (28.8-37.6)	751	37.8 (33.3-42.5)	907	35.4 (31.3-39.7)	41.8 (41.0-42.5)
<b>Pre-pregnancy Weight</b>									
• Underweight (Body Mass Index [BMI]<18.5 kg/m <sup>2</sup> )			669	4.8 (3.0-7.4)	718	3.7 (2.2-6.2)	874	4.7 (3.2-7.0)	3.3 (3.0-3.6)
• Overweight (BMI 25-29.9 kg/m <sup>2</sup> )			669	20.2 (16.6-24.2)	718	21.4 (17.7-25.6)	874	23.2 (19.7-27.1)	26.2 (25.5-26.9)
• Obese (BMI≥30 kg/m <sup>2</sup> )			669	30.0 (25.8-34.6)	718	36.0 (31.6-40.8)	874	30.1 (26.2-34.3)	27.1 (26.4-27.8)
<b>Substance Use</b>									
• Any cigarette smoking									
• During the 3 months before pregnancy			686	29.3 (25.1-33.9)	741	28.8 (24.6-33.3)	905	27.8 (24.0-31.9)	15.1 (14.6-15.7)
• During the last 3 months of pregnancy			686	16.8 (13.4-20.8)	742	15.9 (12.6-19.8)	904	13.9 (11.1-17.2)	6.8 (6.5-7.2)
• Postpartum			685	20.2 (16.6-24.4)	741	19.9 (16.3-24.1)	902	18.0 (14.8-21.7)	9.7 (9.2-10.1)
• Any e-cigarette use									
• During the 3 months before pregnancy			683	6.6 (4.5-9.5)	740	7.6 (5.4-10.8)	900	8.2 (6.0-11.1)	4.3 (4.0-4.6)
• During the last 3 months of pregnancy			683	3.4 (1.9-5.7)	740	4.0 (2.4-6.6)	901	2.9 (1.7-4.8)	1.3 (1.1-1.4)
• Hookah use in the last 2 years			678	3.5 (2.2-5.5)	727	3.7 (2.4-5.9)	885	2.6 (1.7-4.1)	4.7 (4.4-5.1)
• Heavy drinking (≥8 drinks a week) during the 3 months before pregnancy			685	2.7 (1.5-4.7)	742	1.7 (0.8-3.4)	902	1.5 (0.8-2.8)	2.9 (2.6-3.2)
<b>Intimate Partner Violence (IPV)<sup>*</sup></b>									
• Experienced IPV during the 12 months before pregnancy by a husband or partner and/or an ex-husband or partner			673	3.9 (2.4-6.2)	725	2.7 (1.5-4.5)	884	3.8 (2.4-6.0)	3.0 (2.8-3.3)
• Experienced IPV during pregnancy by a husband or partner and/or an ex-husband or partner			670	2.2 (1.2-4.0)	721	2.5 (1.4-4.3)	885	2.9 (1.7-4.9)	2.0 (1.8-2.2)
<b>Depression</b>									
• Self-reported depression in the 3 months before pregnancy			695	16.2 (13.1-20.0)	741	22.5 (18.7-26.8)	901	20.5 (17.2-24.3)	15.1 (14.5-15.7)
• Self-reported depression during pregnancy			685	14.8 (11.7-18.5)	741	20.5 (16.9-24.6)	898	20.2 (16.9-24.0)	14.8 (14.2-15.4)
• Self-reported postpartum depressive symptoms <sup>**</sup>			683	14.0 (11.1-17.6)	738	14.0 (11.0-17.6)	895	13.9 (11.1-17.3)	13.4 (12.9-14.0)
<b>Health Care Services</b>									
• Health care visit in the 12 months before pregnancy			694	66.3 (61.7-70.7)	749	67.7 (63.1-72.0)	904	70.2 (66.0-74.1)	68.0 (67.2-68.7)
• Began prenatal care in 1st trimester			678	88.2 (84.6-90.9)	735	89.2 (85.8-91.8)	897	87.9 (84.4-90.7)	87.7 (87.2-88.3)
• Had a flu shot in the 12 months before birth			691	51.9 (47.1-56.6)	737	49.0 (44.3-53.8)	898	53.7 (49.3-58.1)	60.8 (60.1-61.6)
• Had maternal postpartum checkup			688	89.3 (85.9-91.9)	742	88.5 (85.0-91.2)	902	89.2 (85.8-91.8)	90.7 (90.3-91.2)
<b>Pregnancy Intention</b>									
• Mistimed			683	20.3 (16.8-24.3)	741	16.4 (13.3-20.0)	901	20.0 (16.7-23.7)	19.3 (18.7-19.9)
• Unwanted pregnancy			683	5.9 (4.2-8.4)	741	9.3 (6.8-12.5)	901	7.0 (5.1-9.7)	6.5 (6.2-6.9)
• Unsure whether wanted pregnancy			683	17.6 (14.1-21.6)	741	17.0 (13.8-20.9)	901	18.1 (15.0-21.8)	15.7 (15.1-16.2)
• Intended pregnancy			683	56.3 (51.5-60.9)	741	57.4 (52.6-61.9)	901	54.8 (50.4-59.2)	58.5 (57.7-59.3)

Health Indicator	2016 <sup>≥</sup>		2017		2018		2019		Overall 2019 <sup>§</sup>
	N <sup>#</sup>	% (95% CI) <sup>¶</sup>	N <sup>#</sup>	% (95% CI) <sup>¶</sup>	N <sup>#</sup>	% (95% CI) <sup>¶</sup>	N <sup>#</sup>	% (95% CI) <sup>¶</sup>	% (95% CI) <sup>¶</sup>
Postpartum <sup>++</sup> Family Planning									
• Use of any postpartum contraception <sup>+++</sup>			678	80.6 (76.6-84.0)	736	80.2 (76.1-83.7)	891	80.9 (77.2-84.2)	76.4 (75.7-77.0)
• Highly effective contraceptive methods									
• Male or female sterilization			678	15.0 (11.9-18.8)	736	13.6 (10.6-17.3)	891	15.3 (12.4-18.9)	11.5 (11.0-12.0)
• Long acting reversible contraceptive method <sup>§§</sup>			678	20.3 (16.7-24.5)	736	15.5 (12.3-19.3)	891	16.4 (13.5-19.9)	17.3 (16.7-17.9)
• Moderately effective contraceptive methods <sup>§§</sup>			678	27.2 (23.2-31.7)	736	28.0 (23.9-32.5)	891	27.4 (23.6-31.5)	24.6 (23.9-25.3)
• Least effective contraceptive methods <sup>§§</sup>			678	18.0 (14.7-21.9)	736	23.0 (19.2-27.3)	891	21.8 (18.4-25.7)	23.0 (22.4-23.7)
Oral Health									
• Teeth cleaned during pregnancy by a dentist or dental hygienist			697	39.6 (35.2-44.3)	746	40.8 (36.2-45.5)	908	41.1 (36.9-45.4)	45.9 (45.1-46.7)
Health Insurance Status One Month Before Pregnancy <sup>¶¶</sup>									
• Private insurance			661	57.5 (52.6-62.2)	739	55.4 (50.7-60.1)	879	55.6 (51.1-60.0)	62.7 (62.0-63.5)
• Medicaid			661	35.1 (30.6-40.0)	739	36.1 (31.6-40.9)	879	34.2 (30.2-38.6)	22.6 (22.0-23.3)
• No insurance			661	7.4 (5.2-10.4)	739	8.4 (6.1-11.6)	879	10.2 (7.6-13.6)	13.8 (13.2-14.4)
Health Insurance Status for Prenatal Care <sup>¶¶</sup>									
• Private insurance			660	54.0 (49.1-58.8)	724	51.1 (46.3-55.9)	855	58.0 (53.5-62.4)	59.8 (59.1-60.6)
• Medicaid			660	43.7 (38.9-48.5)	724	46.6 (41.8-51.5)	855	39.4 (35.1-43.8)	36.2 (35.5-37.0)
• No insurance			660	2.4 (1.2-4.4)	724	2.3 (1.2-4.4)	855	2.6 (1.4-5.0)	2.8 (2.5-3.1)
Health Insurance Status Postpartum <sup>++¶¶</sup>									
• Private insurance			666	50.2 (45.4-55.0)	739	48.5 (43.8-53.3)	880	54.3 (49.8-58.7)	57.7 (56.9-58.4)
• Medicaid			666	42.9 (38.2-47.7)	739	44.4 (39.7-49.2)	880	38.4 (34.2-42.8)	29.9 (29.2-30.6)
• No insurance			666	6.9 (4.8-9.9)	739	7.1 (4.9-10.1)	880	7.3 (5.1-10.3)	11.5 (11.0-12.0)
Infant Sleep Practices									
• Baby most often laid on back to sleep			669	83.9 (80.2-87.0)	729	85.5 (81.9-88.5)	895	83.0 (79.3-86.2)	79.6 (78.9-80.2)
Breastfeeding Practices									
• Ever breastfed			675	79.4 (75.2-83.2)	732	80.8 (76.7-84.3)	898	76.7 (72.8-80.3)	87.9 (87.4-88.4)
• Any breastfeeding at 8 weeks			669	57.4 (52.5-62.0)	717	56.0 (51.2-60.8)	889	54.6 (50.2-59.0)	67.7 (67.0-68.4)

<sup>≥</sup>Did not participate in 2016

<sup>§</sup>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.

<sup>#</sup>Unweighted sample size

<sup>¶</sup>Weighted percent (95% Confidence Interval)

<sup>‡</sup>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”

<sup>\*\*</sup>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.

<sup>++</sup>Postpartum is defined as the time the PRAMS survey was completed

<sup>††</sup>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).

<sup>§§</sup>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.

<sup>¶¶</sup>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.