



# MIHA Data Snapshot, Kings County by Education, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Kings County			<High School			High School Graduate or GED			Some College			College Graduate		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
<b>Total</b>	100		2,300	18.4	14.7 - 22.1	400	26.1	21.8 - 30.3	600	40.5	35.8 - 45.3	900	15.0	11.5 - 18.5	300
<b>Health Status before Pregnancy</b>															
In good to excellent health	89.9	87.1 - 92.8	2,100	83.0	75.4 - 90.7	300	92.1*	87.0 - 97.1	500	89.2	84.1 - 94.3	800	--		
Chronic conditions															
Diabetes†	4.2	2.6 - 5.8	<100	--			--			6.0	3.3 - 8.7	<100	--		
Hypertension†	1.7*	0.5 - 2.8	<100	--			--			--			--		
Asthma†	9.0	6.4 - 11.5	200	7.4*	1.9 - 12.9	<100	5.9*	1.1 - 10.7	<100	10.3	6.5 - 14.2	<100	9.9*	2.6 - 17.2	<100
<b>Nutrition and Weight</b>															
Daily folic acid use, month before pregnancy	31.7	27.1 - 36.2	700	24.6	14.7 - 34.6	100	28.2	19.6 - 36.8	200	26.8	19.7 - 33.8	200	62.0	50.2 - 73.8	200
Overweight before pregnancy	31.7	27.2 - 36.3	700	24.8	14.0 - 35.6	<100	32.2	23.1 - 41.4	200	31.6	24.6 - 38.5	300	36.6	24.1 - 49.1	100
Obese before pregnancy	27.4	23.1 - 31.7	600	31.9	20.1 - 43.6	100	26.9	18.7 - 35.1	200	28.6	21.9 - 35.4	300	21.1	11.3 - 30.8	<100
Inadequate weight gain during pregnancy	16.6	12.8 - 20.4	300	25.2	13.3 - 37.2	<100	16.9	9.3 - 24.5	<100	18.0	12.0 - 24.0	100	5.5*	0.8 - 10.2	<100
Excessive weight gain during pregnancy	51.8	46.5 - 57.1	1,000	46.4	32.1 - 60.6	100	52.1	41.9 - 62.3	200	47.9	39.7 - 56.0	400	66.9	54.3 - 79.5	200
Food insecurity during pregnancy	22.4	18.3 - 26.6	500	28.0	17.2 - 38.7	100	21.6	13.0 - 30.2	100	24.2	17.7 - 30.7	200	7.6*	1.9 - 13.2	<100
<b>Intimate Partner Violence (IPV) and Depressive Symptoms</b>															
Physical or psychological IPV during pregnancy	13.1	9.8 - 16.4	300	14.0*	5.3 - 22.7	<100	12.2	5.7 - 18.8	<100	15.0	9.7 - 20.3	100	6.9*	0.9 - 12.8	<100
Prenatal depressive symptoms	19.1	15.3 - 22.9	400	26.8	16.9 - 36.8	100	20.1	12.1 - 28.1	100	15.9	10.5 - 21.3	100	11.4*	3.7 - 19.0	<100
Postpartum depressive symptoms	17.6	13.8 - 21.4	400	14.1	6.8 - 21.3	<100	14.6	7.4 - 21.7	<100	21.1	14.6 - 27.7	200	14.9	6.6 - 23.2	<100
<b>Hardships and Support during Pregnancy</b>															
Experienced two or more hardships during childhood	31.3	26.7 - 35.8	700	33.2	22.7 - 43.7	100	35.3	25.6 - 44.9	200	36.2	28.9 - 43.6	300	9.2*	3.5 - 15.0	<100
Homeless or did not have a regular place to sleep	3.5	1.7 - 5.3	<100	7.1*	0.3 - 14.0	<100	3.6*	0.5 - 6.8	<100	3.0*	0.5 - 5.4	<100	--		
Moved due to problems paying rent or mortgage	6.3	4.0 - 8.6	100	5.9*	0.4 - 11.4	<100	7.8*	2.7 - 12.9	<100	5.2	2.2 - 8.3	<100	--		
Woman or partner lost job	15.2	11.6 - 18.7	300	20.7	11.3 - 30.1	<100	12.7	6.6 - 18.8	<100	16.6	10.4 - 22.8	200	7.6*	1.7 - 13.4	<100
Woman or partner had pay or hours cut back	11.9	8.8 - 15.1	300	7.3*	1.4 - 13.2	<100	8.1*	3.3 - 12.9	<100	15.7	9.8 - 21.6	100	10.0*	3.6 - 16.5	<100
Became separated or divorced	10.0	7.2 - 12.8	200	7.8*	2.2 - 13.4	<100	11.2*	4.5 - 17.9	<100	12.2	7.8 - 16.6	100	--		
Had no practical or emotional support	3.8	2.0 - 5.7	<100	12.0*	4.0 - 19.9	<100	4.0*	0.5 - 7.4	<100	1.7*	0.1 - 3.3	<100	--		
<b>Substance Use</b>															
Any smoking, 3 months before pregnancy	16.8	13.1 - 20.4	400	16.9	8.5 - 25.3	<100	17.8	9.5 - 26.1	100	18.0	12.3 - 23.7	200	8.5*	2.4 - 14.6	<100
Any smoking, 3rd trimester†	5.1	2.9 - 7.3	100	--			8.1*	1.3 - 14.9	<100	5.4	3.1 - 7.6	<100	--		
Any smoking, postpartum	10.4	7.5 - 13.2	200	12.2	5.3 - 19.1	<100	11.6*	4.3 - 18.8	<100	11.6	7.5 - 15.7	100	--		
Any binge drinking, 3 months before pregnancy	17.0	13.1 - 20.8	400	11.4*	3.2 - 19.5	<100	15.7	8.0 - 23.4	<100	18.3	12.1 - 24.5	200	19.9	9.9 - 29.9	<100
Any alcohol use, 3rd trimester†	6.5	3.9 - 9.1	100	--			--			4.3*	0.3 - 8.3	<100	20.4	10.1 - 30.6	<100
<b>Pregnancy Intention and Family Planning</b>															
Mistimed or unwanted pregnancy	36.6	31.9 - 41.3	800	33.9	23.3 - 44.5	100	40.5	30.8 - 50.1	200	39.7	32.2 - 47.1	400	22.3	12.2 - 32.5	<100
Unsure of pregnancy intentions	15.3	12.0 - 18.6	300	24.9	15.7 - 34.1	100	18.0	11.2 - 24.8	100	12.9	8.0 - 17.8	100	--		
Postpartum birth control use†	80.8	77.0 - 84.6	1,800	77.6	67.7 - 87.6	300	75.1	66.3 - 83.9	400	84.3	79.4 - 89.2	700	88.2*	80.6 - 95.8	300
<b>Infant Sleep and Breastfeeding</b>															
Placed infant on back to sleep	71.8	67.4 - 76.2	1,600	64.6	53.4 - 75.8	300	62.4	53.3 - 71.6	400	75.6	69.0 - 82.3	700	87.4*	78.8 - 96.0	300
Infant always or often shared bed	41.7	36.9 - 46.5	900	52.7	41.3 - 64.1	200	48.6	39.0 - 58.1	300	40.2	32.6 - 47.8	300	20.6	10.6 - 30.6	<100
Intended to breastfeed, before birth	90.5	87.6 - 93.5	2,000	87.8*	80.5 - 95.1	300	82.0	74.0 - 89.9	500	93.4	89.9 - 96.9	800	--		
Intended to breastfeed exclusively, before birth	60.8	56.0 - 65.6	1,300	52.2	40.7 - 63.7	200	50.3	40.6 - 59.9	300	64.9	57.5 - 72.4	600	77.6	67.0 - 88.2	300
<b>Breastfeeding practices</b>															
Any breastfeeding, 1 month after delivery	77.1	73.0 - 81.2	1,700	67.2	56.5 - 77.9	300	74.8	66.0 - 83.7	400	76.5	70.0 - 83.1	700	94.4*	89.0 - 99.9	300
Exclusive breastfeeding, 1 month after delivery	42.9	38.0 - 47.8	900	38.2	26.6 - 49.8	100	35.5	26.1 - 44.9	200	44.3	36.5 - 52.0	400	56.6	44.1 - 69.1	200
Any breastfeeding, 3 months after delivery	54.9	49.6 - 60.3	900	53.3	40.8 - 65.8	200	53.4	42.9 - 63.9	200	50.7	41.9 - 59.4	400	73.3	59.7 - 86.9	200
Exclusive breastfeeding, 3 months after delivery	22.6	18.0 - 27.3	400	19.6	8.9 - 30.2	<100	22.2	13.3 - 31.2	<100	21.7	14.5 - 28.9	200	31.6	18.0 - 45.2	<100



# MIHA Data Snapshot, Kings County by Education, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Kings County			<High School			High School Graduate or GED			Some College			College Graduate		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
<b>Service Utilization and Health Insurance Coverage</b>															
Had a usual source of pre-pregnancy care	71.4	67.2 - 75.6	1,600	65.1	54.8 - 75.5	300	67.3	58.3 - 76.3	400	71.5	64.8 - 78.2	700	85.0	77.2 - 92.8	300
Initiated prenatal care in 1st trimester	84.6	81.1 - 88.1	1,900	78.7	69.0 - 88.3	300	80.8	73.0 - 88.7	400	86.2	81.4 - 90.9	800	92.2 *	84.9 - 99.5	300
Mom or infant needed but couldn't afford care postpartum	11.2	8.1 - 14.3	200	15.1	7.0 - 23.2	<100	12.3	5.4 - 19.3	<100	9.5	5.0 - 14.0	<100	6.2 *	1.2 - 11.1	<100
Participated in WIC during pregnancy†	74.4	70.0 - 78.7	1,700	89.3 *	82.7 - 96.0	400	83.5	76.2 - 90.8	500	79.8	73.4 - 86.3	700	26.6	15.9 - 37.3	<100
Received CalFresh (food stamps) during pregnancy	36.9	32.3 - 41.5	800	66.4	55.8 - 76.9	300	46.0	36.5 - 55.5	300	28.2	21.8 - 34.7	300	7.1 *	1.0 - 13.2	<100
Pre-pregnancy insurance															
Medi-Cal	38.9	34.3 - 43.5	900	67.1	56.5 - 77.6	300	51.5	41.9 - 61.1	300	31.4	24.8 - 38.0	300	--		
Uninsured	19.2	15.4 - 22.9	400	29.7	19.3 - 40.0	100	22.3	14.4 - 30.3	100	16.4	10.7 - 22.0	100	10.5 *	3.4 - 17.5	<100
Private	24.5	20.4 - 28.6	600	--			16.9	9.8 - 24.0	<100	28.0	21.2 - 34.7	300	51.7	39.2 - 64.2	200
Prenatal insurance															
Medi-Cal	60.4	55.6 - 65.2	1,400	--			72.3	63.3 - 81.2	400	50.1	42.6 - 57.7	500	18.4	8.8 - 28.0	<100
Uninsured	1.7 *	0.3 - 3.2	<100	--			--			--			--		
Private	19.9	16.1 - 23.7	500	--			13.6	7.0 - 20.3	<100	24.3	17.9 - 30.6	200	44.7	32.2 - 57.2	100
Maternal postpartum insurance															
Medi-Cal	52.2	47.4 - 57.1	1,200	78.5	69.6 - 87.5	300	63.2	54.0 - 72.3	400	47.0	39.6 - 54.5	400	12.9 *	4.1 - 21.6	<100
Uninsured	10.0	7.3 - 12.7	200	18.3	9.7 - 26.8	<100	10.9	5.8 - 16.1	<100	6.5	3.0 - 10.0	<100	8.3 *	1.0 - 15.5	<100
Private	19.4	15.7 - 23.2	400	--			16.5	9.5 - 23.6	<100	21.3	15.2 - 27.5	200	42.2	29.9 - 54.5	100
Infant health insurance															
Medi-Cal	61.7	56.8 - 66.6	1,300	--			73.5	64.9 - 82.1	400	53.8	45.8 - 61.7	500	18.1	8.7 - 27.5	<100
Uninsured	2.8 *	1.1 - 4.4	<100	--			4.7 *	1.0 - 8.4	<100	--			--		
Private	17.4	13.6 - 21.3	400	--			11.5	5.2 - 17.9	<100	20.7	13.9 - 27.4	200	40.3	28.2 - 52.5	100
<b>Maternal Demographics</b>															
Unmarried	50.7	45.9 - 55.5	1,100	73.7	64.2 - 83.3	300	68.2	59.5 - 77.0	400	42.8	35.5 - 50.2	400	11.8 *	4.6 - 19.1	<100
Race/Ethnicity															
White	28.7	24.2 - 33.1	700	--			22.6	14.0 - 31.2	100	31.6	24.5 - 38.7	300	53.8	41.2 - 66.4	200
Hispanic	62.5	57.8 - 67.1	1,400	88.2	82.1 - 94.3	400	68.9	59.8 - 78.1	400	59.6	52.3 - 67.0	500	31.9	20.3 - 43.5	100
Asian/Pacific Islander	3.7 *	1.4 - 6.0	<100	--			4.9 *	0.5 - 9.4	<100	--			11.0 *	1.6 - 20.3	<100
Black	4.1	3.4 - 4.8	<100	--			2.6 *	0.6 - 4.6	<100	6.7	4.7 - 8.6	<100	3.3 *	1.0 - 5.7	<100
Born outside the U.S.	24.9	20.7 - 29.0	600	46.8	35.7 - 58.0	200	30.3	21.8 - 38.8	200	14.0	8.6 - 19.4	100	20.6	9.8 - 31.4	<100
Speaks non-English language at home	19.5	15.7 - 23.4	400	48.1	36.9 - 59.3	200	23.5	15.6 - 31.3	100	7.8	4.0 - 11.6	<100	9.9 *	1.9 - 17.9	<100
Lives in a high poverty neighborhood	52.8	47.8 - 57.8	1,100	77.1	67.1 - 87.2	300	60.5	50.7 - 70.3	300	50.0	42.0 - 58.0	400	11.1 *	4.5 - 17.7	<100
Income as a percent of the Federal Poverty Guideline															
0-100%	53.7	48.7 - 58.7	1,100	90.3 *	84.0 - 96.5	300	63.7	54.3 - 73.1	300	48.0	40.2 - 55.7	400	10.4 *	3.4 - 17.4	<100
101-200%	27.4	23.0 - 31.9	600	9.2 *	3.0 - 15.4	<100	29.0	20.3 - 37.6	200	33.9	26.5 - 41.3	300	28.8	16.4 - 41.2	<100
> 200%	18.8	14.8 - 22.9	400	--			7.4 *	1.9 - 12.8	<100	18.2	11.4 - 24.9	200	60.8	48.0 - 73.6	200

-- Estimate not shown because the relative standard error (RSE) is greater than 50%, fewer than 5 women reported, or the weighted population denominator for the column is less than 100 women.

\* Estimate should be interpreted with caution due to low statistical reliability (RSE is between 30% and 50%).

† Measure/definition may not be comparable to previous Snapshots (see Technical Notes).

Notes: MIHA is an annual population-based survey of California resident women with a live birth. Data from MIHA 2013-2015 were combined, resulting in a statewide sample size of 20,762. The sample size of Kings County was 488. Percent (%), 95% confidence interval (95% CI) and estimated number of women in the population with the health indicator/characteristic (i.e., numerator of the percent rounded to the nearest hundred) are weighted to represent all women with a live birth who resided in California and the county in 2013-2015. Population estimate (N) is a three-year average. See the Technical Notes for information on weighting, comparability to prior years and technical definitions. Visit the MIHA website at [www.cdph.ca.gov/MIHA](http://www.cdph.ca.gov/MIHA).

Table Citation: Maternal and Infant Health Assessment (MIHA) Survey County and Regional Data Snapshots for Subgroups, 2013-2015. California Department of Public Health; 2018.



# MIHA Data Snapshot, Kings County by Geographical Area, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Kings County			Urban			Rural/Frontier		
	%	95% CI	N	%	95% CI	N	%	95% CI	N
<b>Total</b>	100		2,300	74.2	70.1 - 78.4	1,500	25.8	21.6 - 29.9	500
<b>Health Status before Pregnancy</b>									
In good to excellent health	89.9	87.1 - 92.8	2,100	90.7	87.2 - 94.2	1,400	86.2	79.8 - 92.7	500
Chronic conditions									
Diabetes†	4.2	2.6 - 5.8	<100	3.8	1.6 - 6.0	<100	--		
Hypertension†	1.7 *	0.5 - 2.8	<100	1.3 *	0.2 - 2.4	<100	--		
Asthma†	9.0	6.4 - 11.5	200	9.7	6.4 - 13.1	100	9.9	5.0 - 14.8	<100
<b>Nutrition and Weight</b>									
Daily folic acid use, month before pregnancy	31.7	27.1 - 36.2	700	31.5	26.0 - 37.0	500	25.8	17.5 - 34.1	100
Overweight before pregnancy	31.7	27.2 - 36.3	700	33.2	27.5 - 38.9	500	28.7	20.0 - 37.4	100
Obese before pregnancy	27.4	23.1 - 31.7	600	26.5	21.2 - 31.7	400	32.4	23.4 - 41.3	200
Inadequate weight gain during pregnancy	16.6	12.8 - 20.4	300	14.4	10.0 - 18.7	200	27.2	17.5 - 36.9	100
Excessive weight gain during pregnancy	51.8	46.5 - 57.1	1,000	54.7	48.3 - 61.1	700	36.2	25.8 - 46.6	100
Food insecurity during pregnancy	22.4	18.3 - 26.6	500	23.0	17.6 - 28.4	400	24.1	16.6 - 31.6	100
<b>Intimate Partner Violence (IPV) and Depressive Symptoms</b>									
Physical or psychological IPV during pregnancy	13.1	9.8 - 16.4	300	12.5	8.2 - 16.7	200	16.5	10.3 - 22.8	<100
Prenatal depressive symptoms	19.1	15.3 - 22.9	400	17.6	12.9 - 22.4	300	25.9	18.1 - 33.6	100
Postpartum depressive symptoms	17.6	13.8 - 21.4	400	17.4	12.9 - 21.9	300	16.2	8.9 - 23.5	<100
<b>Hardships and Support during Pregnancy</b>									
Experienced two or more hardships during childhood	31.3	26.7 - 35.8	700	30.6	25.0 - 36.2	500	28.1	20.4 - 35.9	100
Homeless or did not have a regular place to sleep	3.5	1.7 - 5.3	<100	4.7	2.2 - 7.3	<100	--		
Moved due to problems paying rent or mortgage	6.3	4.0 - 8.6	100	5.8	3.1 - 8.5	<100	8.6 *	3.1 - 14.0	<100
Woman or partner lost job	15.2	11.6 - 18.7	300	16.5	12.0 - 21.0	300	12.5	6.1 - 18.8	<100
Woman or partner had pay or hours cut back	11.9	8.8 - 15.1	300	14.1	9.8 - 18.3	200	6.8 *	1.8 - 11.7	<100
Became separated or divorced	10.0	7.2 - 12.8	200	10.8	7.2 - 14.3	200	9.6	5.2 - 14.0	<100
Had no practical or emotional support	3.8	2.0 - 5.7	<100	4.3	1.8 - 6.7	<100	--		
<b>Substance Use</b>									
Any smoking, 3 months before pregnancy	16.8	13.1 - 20.4	400	17.7	13.0 - 22.4	300	16.3	10.7 - 21.9	<100
Any smoking, 3rd trimester†	5.1	2.9 - 7.3	100	5.3	2.3 - 8.4	<100	--		
Any smoking, postpartum	10.4	7.5 - 13.2	200	10.2	6.4 - 14.0	200	13.3	8.5 - 18.0	<100
Any binge drinking, 3 months before pregnancy	17.0	13.1 - 20.8	400	20.9	15.6 - 26.1	300	5.4 *	1.6 - 9.3	<100
Any alcohol use, 3rd trimester†	6.5	3.9 - 9.1	100	7.5	4.0 - 11.0	100	--		
<b>Pregnancy Intention and Family Planning</b>									
Mistimed or unwanted pregnancy	36.6	31.9 - 41.3	800	37.6	31.7 - 43.5	600	35.4	26.8 - 44.1	200
Unsure of pregnancy intentions	15.3	12.0 - 18.6	300	15.0	10.9 - 19.0	200	17.1	10.8 - 23.4	<100
Postpartum birth control use†	80.8	77.0 - 84.6	1,800	81.0	76.2 - 85.8	1,200	77.8	70.6 - 85.0	400
<b>Infant Sleep and Breastfeeding</b>									
Placed infant on back to sleep	71.8	67.4 - 76.2	1,600	72.9	67.7 - 78.2	1,100	71.4	62.7 - 80.2	400
Infant always or often shared bed	41.7	36.9 - 46.5	900	39.4	33.6 - 45.3	600	44.9	35.3 - 54.6	200
Intended to breastfeed, before birth	90.5	87.6 - 93.5	2,000	90.9	87.2 - 94.5	1,400	87.2	81.0 - 93.5	400
Intended to breastfeed exclusively, before birth	60.8	56.0 - 65.6	1,300	62.3	56.5 - 68.1	900	52.9	43.2 - 62.5	300
Breastfeeding practices									
Any breastfeeding, 1 month after delivery	77.1	73.0 - 81.2	1,700	78.8	73.8 - 83.8	1,200	73.9	65.9 - 81.9	400
Exclusive breastfeeding, 1 month after delivery	42.9	38.0 - 47.8	900	44.9	38.8 - 51.0	700	43.4	33.5 - 53.3	200
Any breastfeeding, 3 months after delivery	54.9	49.6 - 60.3	900	56.4	49.8 - 62.9	600	47.6	36.5 - 58.6	200
Exclusive breastfeeding, 3 months after delivery	22.6	18.0 - 27.3	400	26.4	20.3 - 32.4	300	18.4	9.7 - 27.1	<100



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	Kings County				Urban				Rural/Frontier			
	%	95% CI		N	%	95% CI		N	%	95% CI		N
<b>Service Utilization and Health Insurance Coverage</b>												
Had a usual source of pre-pregnancy care	71.4	67.2 - 75.6		1,600	70.7	65.4 - 76.1		1,100	68.7	60.4 - 76.9		400
Initiated prenatal care in 1st trimester	84.6	81.1 - 88.1		1,900	84.4	80.0 - 88.8		1,300	81.2	74.2 - 88.1		400
Mom or infant needed but couldn't afford care postpartum	11.2	8.1 - 14.3		200	10.6	6.8 - 14.4		200	15.9	8.9 - 22.9		<100
Participated in WIC during pregnancy†	74.4	70.0 - 78.7		1,700	67.6	62.0 - 73.2		1,000	89.9 *	83.8 - 96.0		500
Received CalFresh (food stamps) during pregnancy	36.9	32.3 - 41.5		800	33.6	28.0 - 39.3		500	53.6	44.4 - 62.7		300
Pre-pregnancy insurance												
Medi-Cal	38.9	34.3 - 43.5		900	35.7	30.1 - 41.4		500	55.8	46.6 - 64.9		300
Uninsured	19.2	15.4 - 22.9		400	16.8	12.3 - 21.3		300	29.4	21.0 - 37.8		200
Private	24.5	20.4 - 28.6		600	29.9	24.5 - 35.3		500	13.0	6.7 - 19.2		<100
Prenatal insurance												
Medi-Cal	60.4	55.6 - 65.2		1,400	56.1	50.2 - 62.0		900	85.2	78.6 - 91.9		500
Uninsured	1.7 *	0.3 - 3.2		<100	--				--			
Private	19.9	16.1 - 23.7		500	23.6	18.6 - 28.6		400	10.6	4.8 - 16.4		<100
Maternal postpartum insurance												
Medi-Cal	52.2	47.4 - 57.1		1,200	48.2	42.2 - 54.1		700	73.1	65.1 - 81.1		400
Uninsured	10.0	7.3 - 12.7		200	8.3	5.1 - 11.5		100	17.6	11.0 - 24.3		<100
Private	19.4	15.7 - 23.2		400	24.3	19.3 - 29.3		400	9.0 *	3.6 - 14.4		<100
Infant health insurance												
Medi-Cal	61.7	56.8 - 66.6		1,300	56.0	50.0 - 62.0		800	91.4 *	85.9 - 96.9		500
Uninsured	2.8 *	1.1 - 4.4		<100	2.4 *	0.5 - 4.4		<100	--			
Private	17.4	13.6 - 21.3		400	21.6	16.6 - 26.5		300	4.4 *	0.4 - 8.5		<100
<b>Maternal Demographics</b>												
Age												
15-19	8.5	6.0 - 11.1		200	7.9	4.8 - 10.9		100	10.3	5.0 - 15.7		<100
20-34	80.7	76.9 - 84.5		1,800	81.2	76.5 - 85.9		1,200	76.1	68.2 - 83.9		400
35+	10.8	7.7 - 13.9		200	10.9	7.0 - 14.9		200	13.6	7.0 - 20.2		<100
Did not complete high school (or GED)	18.4	14.7 - 22.1		400	13.3	9.1 - 17.5		200	37.4	28.5 - 46.4		200
Unmarried	50.7	45.9 - 55.5		1,100	49.1	43.1 - 55.1		700	63.5	54.6 - 72.3		300
Race/Ethnicity												
White	28.7	24.2 - 33.1		700	35.1	29.4 - 40.7		500	8.7 *	3.0 - 14.5		<100
Hispanic	62.5	57.8 - 67.1		1,400	55.5	49.6 - 61.4		800	87.0	81.1 - 92.8		500
Asian/Pacific Islander	3.7 *	1.4 - 6.0		<100	4.5 *	1.7 - 7.2		<100	--			
Black	4.1	3.4 - 4.8		<100	4.6	3.4 - 5.8		<100	--			
Born outside the U.S.	24.9	20.7 - 29.0		600	17.8	13.3 - 22.3		300	45.9	36.8 - 55.0		200
Speaks non-English language at home	19.5	15.7 - 23.4		400	14.1	9.8 - 18.4		200	38.3	29.3 - 47.4		200
Lives in a high poverty neighborhood	52.8	47.8 - 57.8		1,100	36.9	31.2 - 42.5		600	--			
Income as a percent of the Federal Poverty Guideline												
0-100%	53.7	48.7 - 58.7		1,100	48.0	41.9 - 54.2		700	77.6	69.7 - 85.4		400
101-200%	27.4	23.0 - 31.9		600	27.4	21.9 - 32.9		400	19.6	12.0 - 27.1		<100
> 200%	18.8	14.8 - 22.9		400	24.5	19.2 - 29.9		300	2.9 *	0.3 - 5.4		<100

-- Estimate not shown because the relative standard error (RSE) is greater than 50%, fewer than 5 women reported, or the weighted population denominator for the column is less than 100 women.

\* Estimate should be interpreted with caution due to low statistical reliability (RSE is between 30% and 50%).

† Measure/definition may not be comparable to previous Snapshots (see Technical Notes).

Notes: MIHA is an annual population-based survey of California resident women with a live birth. Data from MIHA 2013-2015 were combined, resulting in a statewide sample size of 20,762. The sample size of Kings County was 488. Percent (%), 95% confidence interval (95% CI) and estimated number of women in the population with the health indicator/characteristic (i.e., numerator of the percent rounded to the nearest hundred) are weighted to represent all women with a live birth who resided in California and the county in 2013-2015. Population estimate (N) is a three-year average. Urban and Rural/Frontier designations are based on the population size or densities of Medical Service Study Areas. See the Technical Notes for information on weighting, comparability to prior years and technical definitions. Visit the MIHA website at [www.cdph.ca.gov/MIHA](http://www.cdph.ca.gov/MIHA).



# MIHA Data Snapshot, Kings County by Income, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Kings County			0-100% Federal Poverty Guideline			101-200% Federal Poverty Guideline			> 200% Federal Poverty Guideline		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
<b>Total</b>	100		2,300	53.7	48.7 - 58.7	1,100	27.4	23.0 - 31.9	600	18.8	14.8 - 22.9	400
<b>Health Status before Pregnancy</b>												
In good to excellent health	89.9	87.1 - 92.8	2,100	88.0	83.9 - 92.1	1,000	91.6	86.9 - 96.3	500	--		
Chronic conditions												
Diabetes†	4.2	2.6 - 5.8	<100	7.1	4.1 - 10.0	<100	--			--		
Hypertension†	1.7*	0.5 - 2.8	<100	2.8*	0.8 - 4.7	<100	--			--		
Asthma†	9.0	6.4 - 11.5	200	10.3	6.6 - 14.0	100	6.0*	1.4 - 10.7	<100	11.8*	4.6 - 19.0	<100
<b>Nutrition and Weight</b>												
Daily folic acid use, month before pregnancy	31.7	27.1 - 36.2	700	19.4	14.0 - 24.8	200	34.9	25.6 - 44.2	200	53.5	41.5 - 65.5	200
Overweight before pregnancy	31.7	27.2 - 36.3	700	30.3	23.7 - 36.9	300	38.0	28.7 - 47.4	200	27.6	17.0 - 38.2	100
Obese before pregnancy	27.4	23.1 - 31.7	600	33.2	26.8 - 39.5	400	24.5	16.3 - 32.7	100	17.7	7.9 - 27.5	<100
Inadequate weight gain during pregnancy	16.6	12.8 - 20.4	300	22.2	16.0 - 28.5	200	13.8	7.6 - 20.0	<100	--		
Excessive weight gain during pregnancy	51.8	46.5 - 57.1	1,000	49.5	42.0 - 57.0	400	55.1	44.9 - 65.4	300	56.5	43.5 - 69.5	200
Food insecurity during pregnancy	22.4	18.3 - 26.6	500	33.1	26.6 - 39.6	400	12.6	6.6 - 18.7	<100	--		
<b>Intimate Partner Violence (IPV) and Depressive Symptoms</b>												
Physical or psychological IPV during pregnancy	13.1	9.8 - 16.4	300	19.2	13.9 - 24.5	200	9.9	4.6 - 15.3	<100	--		
Prenatal depressive symptoms	19.1	15.3 - 22.9	400	26.5	20.5 - 32.5	300	13.6	7.4 - 19.9	<100	--		
Postpartum depressive symptoms	17.6	13.8 - 21.4	400	18.3	12.9 - 23.7	200	20.3	12.6 - 27.9	100	13.0*	3.5 - 22.5	<100
<b>Hardships and Support during Pregnancy</b>												
Experienced two or more hardships during childhood	31.3	26.7 - 35.8	700	38.5	31.7 - 45.2	400	30.6	21.8 - 39.4	200	21.9	11.6 - 32.2	<100
Homeless or did not have a regular place to sleep	3.5	1.7 - 5.3	<100	6.3	2.8 - 9.8	<100	--			--		
Moved due to problems paying rent or mortgage	6.3	4.0 - 8.6	100	11.9	7.5 - 16.3	100	--			--		
Woman or partner lost job	15.2	11.6 - 18.7	300	19.6	14.2 - 25.1	200	14.2	7.2 - 21.3	<100	9.0*	0.5 - 17.5	<100
Woman or partner had pay or hours cut back	11.9	8.8 - 15.1	300	15.4	10.5 - 20.3	200	8.0	3.3 - 12.6	<100	8.8*	0.5 - 17.2	<100
Became separated or divorced	10.0	7.2 - 12.8	200	17.2	12.2 - 22.2	200	3.9*	0.3 - 7.5	<100	--		
Had no practical or emotional support	3.8	2.0 - 5.7	<100	6.8	3.2 - 10.4	<100	--			--		
<b>Substance Use</b>												
Any smoking, 3 months before pregnancy	16.8	13.1 - 20.4	400	20.9	15.3 - 26.4	200	16.8	9.1 - 24.5	<100	10.7	4.6 - 16.8	<100
Any smoking, 3rd trimester†	5.1	2.9 - 7.3	100	8.3	4.4 - 12.1	<100	--			--		
Any smoking, postpartum	10.4	7.5 - 13.2	200	15.0	10.2 - 19.8	200	9.0	3.8 - 14.2	<100	4.1*	0.4 - 7.9	<100
Any binge drinking, 3 months before pregnancy	17.0	13.1 - 20.8	400	14.4	9.2 - 19.6	200	21.1	13.1 - 29.1	100	20.1	9.5 - 30.6	<100
Any alcohol use, 3rd trimester†	6.5	3.9 - 9.1	100	3.8*	1.1 - 6.5	<100	4.8*	1.0 - 8.6	<100	18.2	7.7 - 28.7	<100
<b>Pregnancy Intention and Family Planning</b>												
Mistimed or unwanted pregnancy	36.6	31.9 - 41.3	800	40.7	34.0 - 47.4	500	37.9	28.6 - 47.3	200	27.7	16.6 - 38.8	100
Unsure of pregnancy intentions	15.3	12.0 - 18.6	300	23.4	17.8 - 29.0	300	9.3	4.5 - 14.0	<100	6.3*	1.1 - 11.4	<100
Postpartum birth control use†	80.8	77.0 - 84.6	1,800	77.1	71.3 - 82.9	800	86.3	79.8 - 92.8	500	86.0*	77.6 - 94.4	300
<b>Infant Sleep and Breastfeeding</b>												
Placed infant on back to sleep	71.8	67.4 - 76.2	1,600	64.4	57.7 - 71.2	700	72.9	64.2 - 81.6	400	86.8	79.7 - 94.0	300
Infant always or often shared bed	41.7	36.9 - 46.5	900	50.1	43.1 - 57.0	500	35.6	26.4 - 44.8	200	27.2	16.0 - 38.4	100
Intended to breastfeed, before birth	90.5	87.6 - 93.5	2,000	87.1	82.1 - 92.1	900	90.1	84.7 - 95.5	500	--		
Intended to breastfeed exclusively, before birth	60.8	56.0 - 65.6	1,300	55.5	48.5 - 62.5	600	59.7	50.5 - 69.0	300	74.3	63.2 - 85.5	300
Breastfeeding practices												
Any breastfeeding, 1 month after delivery	77.1	73.0 - 81.2	1,700	69.6	63.0 - 76.1	700	80.8	73.9 - 87.7	400	88.1*	79.1 - 97.1	300
Exclusive breastfeeding, 1 month after delivery	42.9	38.0 - 47.8	900	40.6	33.6 - 47.6	400	39.1	29.8 - 48.5	200	52.6	40.4 - 64.8	200
Any breastfeeding, 3 months after delivery	54.9	49.6 - 60.3	900	46.2	38.5 - 53.9	400	55.1	44.7 - 65.6	200	72.9	60.2 - 85.7	200
Exclusive breastfeeding, 3 months after delivery	22.6	18.0 - 27.3	400	17.5	11.5 - 23.4	100	26.1	17.0 - 35.1	100	31.4	17.7 - 45.2	<100



# MIHA Data Snapshot, Kings County by Income, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Kings County			0-100% Federal Poverty Guideline			101-200% Federal Poverty Guideline			> 200% Federal Poverty Guideline		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
<b>Service Utilization and Health Insurance Coverage</b>												
Had a usual source of pre-pregnancy care	71.4	67.2 - 75.6	1,600	69.0	63.0 - 75.0	800	66.5	57.6 - 75.4	400	86.0*	77.6 - 94.3	300
Initiated prenatal care in 1st trimester	84.6	81.1 - 88.1	1,900	78.2	72.7 - 83.7	900	87.8	81.1 - 94.4	500	--		
Mom or infant needed but couldn't afford care postpartum	11.2	8.1 - 14.3	200	13.6	8.7 - 18.6	100	14.5	7.9 - 21.1	<100	--		
Participated in WIC during pregnancy†	74.4	70.0 - 78.7	1,700	92.3	88.7 - 96.0	1,000	71.5	62.5 - 80.5	400	23.6	12.8 - 34.3	<100
Received CalFresh (food stamps) during pregnancy	36.9	32.3 - 41.5	800	63.8	57.3 - 70.3	700	14.5	7.7 - 21.2	<100	--		
Pre-pregnancy insurance												
Medi-Cal	38.9	34.3 - 43.5	900	60.9	54.3 - 67.5	700	18.1	11.5 - 24.7	100	--		
Uninsured	19.2	15.4 - 22.9	400	26.9	20.8 - 32.9	300	19.1	11.6 - 26.5	100	--		
Private	24.5	20.4 - 28.6	600	6.3	3.2 - 9.3	<100	31.8	23.0 - 40.7	200	61.0	49.0 - 73.1	200
Prenatal insurance												
Medi-Cal	60.4	55.6 - 65.2	1,400	87.2	82.4 - 92.0	1,000	40.6	31.5 - 49.7	200	7.9*	1.5 - 14.3	<100
Uninsured	1.7*	0.3 - 3.2	<100	2.9*	0.1 - 5.7	<100	--			--		
Private	19.9	16.1 - 23.7	500	4.7	2.0 - 7.4	<100	25.6	17.2 - 34.0	100	54.9	42.8 - 67.0	200
Maternal postpartum insurance												
Medi-Cal	52.2	47.4 - 57.1	1,200	79.3	74.0 - 84.6	900	28.8	20.5 - 37.1	200	7.5*	1.2 - 13.9	<100
Uninsured	10.0	7.3 - 12.7	200	11.6	7.5 - 15.7	100	14.1	7.6 - 20.6	<100	--		
Private	19.4	15.7 - 23.2	400	3.7*	1.4 - 5.9	<100	22.2	14.5 - 30.0	100	56.6	44.4 - 68.7	200
Infant health insurance												
Medi-Cal	61.7	56.8 - 66.6	1,300	90.8	86.8 - 94.8	1,000	39.9	30.7 - 49.0	200	9.4*	2.7 - 16.0	<100
Uninsured	2.8*	1.1 - 4.4	<100	--			7.7*	2.2 - 13.1	<100	--		
Private	17.4	13.6 - 21.3	400	2.3*	0.2 - 4.4	<100	16.4	9.2 - 23.5	<100	59.0	47.1 - 70.9	200
<b>Maternal Demographics</b>												
Did not complete high school (or GED)	18.4	14.7 - 22.1	400	29.3	23.0 - 35.5	300	5.8*	1.9 - 9.8	<100	--		
Unmarried	50.7	45.9 - 55.5	1,100	72.9	67.0 - 78.8	800	33.3	24.6 - 42.0	200	13.3*	5.5 - 21.2	<100
Race/Ethnicity												
White	28.7	24.2 - 33.1	700	19.2	13.5 - 24.9	200	34.5	25.1 - 43.9	200	49.0	36.9 - 61.1	200
Hispanic	62.5	57.8 - 67.1	1,400	75.4	69.6 - 81.1	900	51.8	42.4 - 61.3	300	36.3	24.3 - 48.4	100
Asian/Pacific Islander	3.7*	1.4 - 6.0	<100	--			6.0*	0.7 - 11.3	<100	11.0*	1.3 - 20.8	<100
Black	4.1	3.4 - 4.8	<100	3.3	1.9 - 4.7	<100	6.7	4.0 - 9.5	<100	3.6*	1.3 - 6.0	<100
Born outside the U.S.	24.9	20.7 - 29.0	600	31.7	25.5 - 37.9	400	18.8	11.6 - 25.9	100	15.9*	5.5 - 26.3	<100
Speaks non-English language at home	19.5	15.7 - 23.4	400	24.7	18.8 - 30.6	300	18.0	10.8 - 25.3	100	--		
Lives in a high poverty neighborhood	52.8	47.8 - 57.8	1,100	68.4	61.8 - 75.0	700	46.1	36.0 - 56.3	200	12.6	5.5 - 19.8	<100

-- Estimate not shown because the relative standard error (RSE) is greater than 50%, fewer than 5 women reported, or the weighted population denominator for the column is less than 100 women.

\* Estimate should be interpreted with caution due to low statistical reliability (RSE is between 30% and 50%).

† Measure/definition may not be comparable to previous Snapshots (see Technical Notes).

Notes: MIHA is an annual population-based survey of California resident women with a live birth. Data from MIHA 2013-2015 were combined, resulting in a statewide sample size of 20,762. The sample size of Kings County was 488. Percent (%), 95% confidence interval (95% CI) and estimated number of women in the population with the health indicator/characteristic (i.e., numerator of the percent rounded to the nearest hundred) are weighted to represent all women with a live birth who resided in California and the county in 2013-2015. Population estimate (N) is a three-year average. See the Technical Notes for information on weighting, comparability to prior years and technical definitions. Visit the MIHA website at [www.cdph.ca.gov/MIHA](http://www.cdph.ca.gov/MIHA).

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# MIHA Data Snapshot, Kings County by Maternal Age, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Kings County			15-19 Years			20-34 Years			35 Years or Older		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
<b>Total</b>	100		2,300	8.5	6.0 - 11.1	200	80.7	76.9 - 84.5	1,800	10.8	7.7 - 13.9	200
<b>Health Status before Pregnancy</b>												
In good to excellent health	89.9	87.1 - 92.8	2,100	92.0*	84.6 - 99.4	200	90.9	88.1 - 93.6	1,700	81.5*	66.8 - 96.1	200
Chronic conditions												
Diabetes†	4.2	2.6 - 5.8	<100	--			3.9	2.3 - 5.5	<100	--		
Hypertension†	1.7*	0.5 - 2.8	<100	--			1.3*	0.2 - 2.4	<100	--		
Asthma†	9.0	6.4 - 11.5	200	7.3*	0.7 - 13.9	<100	9.6	6.6 - 12.6	200	5.6*	1.0 - 10.1	<100
<b>Nutrition and Weight</b>												
Daily folic acid use, month before pregnancy	31.7	27.1 - 36.2	700	36.6	21.9 - 51.3	<100	32.6	27.4 - 37.8	600	20.9	9.3 - 32.5	<100
Overweight before pregnancy	31.7	27.2 - 36.3	700	27.0	11.3 - 42.7	<100	31.6	26.6 - 36.6	600	37.1	21.3 - 52.8	<100
Obese before pregnancy	27.4	23.1 - 31.7	600	--			28.0	23.3 - 32.7	500	40.7	24.3 - 57.1	<100
Inadequate weight gain during pregnancy	16.6	12.8 - 20.4	300	12.9*	4.3 - 21.4	<100	17.5	13.2 - 21.9	300	12.3*	1.4 - 23.2	<100
Excessive weight gain during pregnancy	51.8	46.5 - 57.1	1,000	48.6	33.5 - 63.7	<100	51.1	45.2 - 57.0	800	60.4	41.8 - 78.9	100
Food insecurity during pregnancy	22.4	18.3 - 26.6	500	25.9*	10.5 - 41.3	<100	22.5	18.0 - 27.1	400	18.8*	5.3 - 32.3	<100
<b>Intimate Partner Violence (IPV) and Depressive Symptoms</b>												
Physical or psychological IPV during pregnancy	13.1	9.8 - 16.4	300	20.4*	8.0 - 32.8	<100	11.9	8.6 - 15.3	200	16.2*	2.4 - 30.1	<100
Prenatal depressive symptoms	19.1	15.3 - 22.9	400	32.2	16.5 - 47.8	<100	16.4	12.6 - 20.2	300	29.4	14.5 - 44.2	<100
Postpartum depressive symptoms	17.6	13.8 - 21.4	400	31.6	15.5 - 47.7	<100	15.3	11.5 - 19.0	300	24.2*	9.7 - 38.6	<100
<b>Hardships and Support during Pregnancy</b>												
Experienced two or more hardships during childhood	31.3	26.7 - 35.8	700	45.9	29.8 - 62.0	<100	29.5	24.6 - 34.4	500	33.7	18.3 - 49.2	<100
Homeless or did not have a regular place to sleep	3.5	1.7 - 5.3	<100	--			3.5*	1.4 - 5.5	<100	--		
Moved due to problems paying rent or mortgage	6.3	4.0 - 8.6	100	--			7.0	4.2 - 9.7	100	--		
Woman or partner lost job	15.2	11.6 - 18.7	300	17.3	7.8 - 26.9	<100	13.3	9.6 - 17.0	200	27.6	12.5 - 42.7	<100
Woman or partner had pay or hours cut back	11.9	8.8 - 15.1	300	9.3*	1.6 - 17.0	<100	11.6	8.3 - 14.9	200	16.7*	2.8 - 30.6	<100
Became separated or divorced	10.0	7.2 - 12.8	200	22.3*	7.2 - 37.4	<100	8.9	6.1 - 11.7	200	8.3*	0.5 - 16.1	<100
Had no practical or emotional support	3.8	2.0 - 5.7	<100	--			3.8	1.7 - 6.0	<100	--		
<b>Substance Use</b>												
Any smoking, 3 months before pregnancy	16.8	13.1 - 20.4	400	11.1*	2.7 - 19.5	<100	17.8	13.5 - 22.0	300	13.8*	5.2 - 22.4	<100
Any smoking, 3rd trimester†	5.1	2.9 - 7.3	100	--			5.1	2.6 - 7.5	<100	9.5*	2.0 - 17.0	<100
Any smoking, postpartum	10.4	7.5 - 13.2	200	--			10.5	7.3 - 13.8	200	11.2*	3.4 - 19.1	<100
Any binge drinking, 3 months before pregnancy	17.0	13.1 - 20.8	400	--			17.4	13.2 - 21.6	300	23.2*	7.6 - 38.9	<100
Any alcohol use, 3rd trimester†	6.5	3.9 - 9.1	100	--			5.5	3.1 - 7.9	100	18.9*	4.2 - 33.6	<100
<b>Pregnancy Intention and Family Planning</b>												
Mistimed or unwanted pregnancy	36.6	31.9 - 41.3	800	57.3	42.2 - 72.5	100	34.8	29.7 - 39.9	600	33.6	17.4 - 49.8	<100
Unsure of pregnancy intentions	15.3	12.0 - 18.6	300	19.7*	7.9 - 31.6	<100	14.8	11.2 - 18.3	300	15.8*	5.4 - 26.1	<100
Postpartum birth control use†	80.8	77.0 - 84.6	1,800	77.6*	61.8 - 93.4	100	80.0	75.8 - 84.3	1,400	89.5*	82.0 - 97.1	200
<b>Infant Sleep and Breastfeeding</b>												
Placed infant on back to sleep	71.8	67.4 - 76.2	1,600	66.1	51.9 - 80.4	100	70.7	65.7 - 75.7	1,300	84.5*	74.4 - 94.6	200
Infant always or often shared bed	41.7	36.9 - 46.5	900	54.9	39.7 - 70.0	100	40.8	35.5 - 46.1	700	38.0	22.2 - 53.8	<100
Intended to breastfeed, before birth	90.5	87.6 - 93.5	2,000	93.1*	86.6 - 99.7	200	90.8	87.5 - 94.1	1,600	86.5*	76.4 - 96.7	200
Intended to breastfeed exclusively, before birth	60.8	56.0 - 65.6	1,300	50.3	34.8 - 65.8	<100	63.6	58.3 - 68.9	1,100	48.6	32.9 - 64.4	100
Breastfeeding practices												
Any breastfeeding, 1 month after delivery	77.1	73.0 - 81.2	1,700	71.2	58.2 - 84.2	100	77.4	72.7 - 82.1	1,300	79.9	68.2 - 91.6	200
Exclusive breastfeeding, 1 month after delivery	42.9	38.0 - 47.8	900	38.9	23.1 - 54.6	<100	43.5	38.0 - 48.9	800	41.9	25.4 - 58.4	<100
Any breastfeeding, 3 months after delivery	54.9	49.6 - 60.3	900	53.6	37.8 - 69.5	<100	54.8	48.8 - 60.9	800	56.9	40.2 - 73.7	100
Exclusive breastfeeding, 3 months after delivery	22.6	18.0 - 27.3	400	21.2*	7.7 - 34.7	<100	21.8	16.8 - 26.8	300	30.0*	12.1 - 48.0	<100



# MIHA Data Snapshot, Kings County by Maternal Age, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Kings County				15-19 Years				20-34 Years				35 Years or Older			
	%	95% CI		N	%	95% CI		N	%	95% CI		N	%	95% CI		N
<b>Service Utilization and Health Insurance Coverage</b>																
Had a usual source of pre-pregnancy care	71.4	67.2 - 75.6		1,600	55.0	40.2 - 69.9		100	72.3	67.6 - 77.0		1,300	77.7*	64.4 - 91.0		200
Initiated prenatal care in 1st trimester	84.6	81.1 - 88.1		1,900	76.6	64.2 - 88.9		100	84.3	80.4 - 88.2		1,500	--			
Mom or infant needed but couldn't afford care postpartum	11.2	8.1 - 14.3		200	16.2*	1.7 - 30.7		<100	11.0	7.7 - 14.4		200	8.0*	1.1 - 14.8		<100
Participated in WIC during pregnancy†	74.4	70.0 - 78.7		1,700	--				72.7	67.7 - 77.6		1,300	69.3	56.3 - 82.4		200
Received CalFresh (food stamps) during pregnancy	36.9	32.3 - 41.5		800	37.4	22.4 - 52.3		<100	38.1	33.0 - 43.3		700	27.1	14.4 - 39.8		<100
<b>Pre-pregnancy insurance</b>																
Medi-Cal	38.9	34.3 - 43.5		900	46.8	31.5 - 62.0		<100	38.0	32.9 - 43.2		700	39.2	24.8 - 53.6		<100
Uninsured	19.2	15.4 - 22.9		400	26.5*	10.8 - 42.1		<100	18.1	14.1 - 22.0		300	21.5*	7.7 - 35.3		<100
Private	24.5	20.4 - 28.6		600	19.8	8.4 - 31.3		<100	24.1	19.4 - 28.7		400	31.3	18.2 - 44.5		<100
<b>Prenatal insurance</b>																
Medi-Cal	60.4	55.6 - 65.2		1,400	76.2*	60.7 - 91.7		100	59.6	54.3 - 64.9		1,100	53.7	38.1 - 69.2		100
Uninsured	1.7*	0.3 - 3.2		<100	--				0.9*	0.1 - 1.8		<100	--			
Private	19.9	16.1 - 23.7		500	--				20.3	15.9 - 24.6		400	26.1	14.4 - 37.8		<100
<b>Maternal postpartum insurance</b>																
Medi-Cal	52.2	47.4 - 57.1		1,200	81.3*	70.3 - 92.3		200	49.9	44.5 - 55.2		900	46.9	31.5 - 62.2		100
Uninsured	10.0	7.3 - 12.7		200	--				10.8	7.6 - 14.0		200	6.6*	0.7 - 12.5		<100
Private	19.4	15.7 - 23.2		400	--				19.7	15.4 - 24.0		400	25.5	13.6 - 37.3		<100
<b>Infant health insurance</b>																
Medi-Cal	61.7	56.8 - 66.6		1,300	91.4*	84.0 - 98.8		200	59.9	54.5 - 65.3		1,100	51.0	35.1 - 66.8		100
Uninsured	2.8*	1.1 - 4.4		<100	--				2.7*	0.7 - 4.6		<100	--			
Private	17.4	13.6 - 21.3		400	--				18.1	13.7 - 22.6		300	26.3	13.6 - 38.9		<100
<b>Maternal Demographics</b>																
Did not complete high school (or GED)	18.4	14.7 - 22.1		400	29.1	15.7 - 42.5		<100	16.2	12.2 - 20.2		300	26.2	13.1 - 39.2		<100
Unmarried	50.7	45.9 - 55.5		1,100	86.0*	74.9 - 97.2		200	48.8	43.5 - 54.2		900	36.6	22.0 - 51.3		<100
<b>Race/Ethnicity</b>																
White	28.7	24.2 - 33.1		700	12.5*	3.2 - 21.7		<100	30.1	25.0 - 35.2		600	30.6	17.8 - 43.5		<100
Hispanic	62.5	57.8 - 67.1		1,400	82.8*	72.5 - 93.1		200	59.7	54.4 - 65.0		1,100	67.3	54.2 - 80.4		200
Asian/Pacific Islander	3.7*	1.4 - 6.0		<100	--				4.2*	1.5 - 7.0		<100	--			
Black	4.1	3.4 - 4.8		<100	--				4.7	3.7 - 5.7		<100	--			
Born outside the U.S.	24.9	20.7 - 29.0		600	13.0*	3.5 - 22.5		<100	22.9	18.4 - 27.4		400	48.8	33.5 - 64.1		100
Speaks non-English language at home	19.5	15.7 - 23.4		400	--				19.5	15.3 - 23.8		400	29.9	15.9 - 43.9		<100
Lives in a high poverty neighborhood	52.8	47.8 - 57.8		1,100	57.4	41.1 - 73.8		100	52.2	46.6 - 57.7		900	53.7	37.9 - 69.5		100

-- Estimate not shown because the relative standard error (RSE) is greater than 50%, fewer than 5 women reported, or the weighted population denominator for the column is less than 100 women.

\* Estimate should be interpreted with caution due to low statistical reliability (RSE is between 30% and 50%).

† Measure/definition may not be comparable to previous Snapshots (see Technical Notes).

Notes: MIHA is an annual population-based survey of California resident women with a live birth. Data from MIHA 2013-2015 were combined, resulting in a statewide sample size of 20,762. The sample size of Kings County was 488. Percent (%), 95% confidence interval (95% CI) and estimated number of women in the population with the health indicator/characteristic (i.e., numerator of the percent rounded to the nearest hundred) are weighted to represent all women with a live birth who resided in California and the county in 2013-2015. Population estimate (N) is a three-year average. See the Technical Notes for information on weighting, comparability to prior years and technical definitions. Visit the MIHA website at [www.cdph.ca.gov/MIHA](http://www.cdph.ca.gov/MIHA).

Table Citation: Maternal and Infant Health Assessment (MIHA) Survey County and Regional Data Snapshots for Subgroups, 2013-2015. California Department of Public Health; 2018.





# MIHA Data Snapshot, Kings County by Neighborhood Poverty, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Kings County			0-4.9% of Residents below Poverty			5-9.9% of Residents below Poverty			10-19.9% of Residents below Poverty			≥ 20% of Residents below Poverty		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
<b>Total</b>	100		2,300	--			14.4	10.7 - 18.2	300	32.3	27.7 - 36.9	700	52.8	47.8 - 57.8	1,100
<b>Health Status before Pregnancy</b>															
In good to excellent health	89.9	87.1 - 92.8	2,100	--			--			88.5	82.6 - 94.4	600	87.5	83.0 - 92.0	1,000
Chronic conditions															
Diabetes†	4.2	2.6 - 5.8	<100	--			--			3.0*	0.7 - 5.3	<100	6.3	3.4 - 9.2	<100
Hypertension†	1.7*	0.5 - 2.8	<100	--			--			--			2.4*	0.4 - 4.5	<100
Asthma†	9.0	6.4 - 11.5	200	--			8.4*	0.9 - 15.9	<100	10.5	5.3 - 15.6	<100	9.8	6.1 - 13.5	100
<b>Nutrition and Weight</b>															
Daily folic acid use, month before pregnancy	31.7	27.1 - 36.2	700	--			45.1	30.7 - 59.5	100	34.1	25.7 - 42.4	200	23.2	17.6 - 28.9	300
Overweight before pregnancy	31.7	27.2 - 36.3	700	--			50.2	35.8 - 64.7	200	29.6	21.5 - 37.8	200	27.7	21.6 - 33.9	300
Obese before pregnancy	27.4	23.1 - 31.7	600	--			10.8*	3.3 - 18.3	<100	27.0	18.8 - 35.2	200	33.7	27.2 - 40.1	300
Inadequate weight gain during pregnancy	16.6	12.8 - 20.4	300	--			9.9*	1.5 - 18.4	<100	12.2	6.1 - 18.2	<100	23.3	16.9 - 29.6	200
Excessive weight gain during pregnancy	51.8	46.5 - 57.1	1,000	--			61.7	47.6 - 75.8	200	55.8	45.8 - 65.7	300	42.7	35.2 - 50.1	400
Food insecurity during pregnancy	22.4	18.3 - 26.6	500	--			11.6*	0.9 - 22.2	<100	18.3	10.5 - 26.2	100	29.2	23.1 - 35.3	300
<b>Intimate Partner Violence (IPV) and Depressive Symptoms</b>															
Physical or psychological IPV during pregnancy	13.1	9.8 - 16.4	300	--			10.3*	1.4 - 19.1	<100	9.8*	3.7 - 15.8	<100	16.8	11.8 - 21.7	200
Prenatal depressive symptoms	19.1	15.3 - 22.9	400	--			11.5*	0.7 - 22.3	<100	13.2	6.7 - 19.7	<100	26.2	20.4 - 32.0	300
Postpartum depressive symptoms	17.6	13.8 - 21.4	400	--			12.9*	1.7 - 24.1	<100	15.6	9.0 - 22.2	100	18.9	13.7 - 24.0	200
<b>Hardships and Support during Pregnancy</b>															
Experienced two or more hardships during childhood	31.3	26.7 - 35.8	700	--			19.4*	7.1 - 31.6	<100	27.5	19.0 - 36.0	200	34.3	28.1 - 40.5	400
Homeless or did not have a regular place to sleep	3.5	1.7 - 5.3	<100	--			--			--			5.9	2.4 - 9.4	<100
Moved due to problems paying rent or mortgage	6.3	4.0 - 8.6	100	--			--			2.8*	0.4 - 5.2	<100	10.2	6.0 - 14.4	100
Woman or partner lost job	15.2	11.6 - 18.7	300	--			15.3*	6.1 - 24.6	<100	11.8	5.4 - 18.2	<100	17.4	12.3 - 22.6	200
Woman or partner had pay or hours cut back	11.9	8.8 - 15.1	300	--			7.7*	1.5 - 13.9	<100	11.9	5.5 - 18.3	<100	12.8	8.1 - 17.5	100
Became separated or divorced	10.0	7.2 - 12.8	200	--			13.3*	2.4 - 24.3	<100	5.9*	2.4 - 9.4	<100	12.6	8.6 - 16.6	100
Had no practical or emotional support	3.8	2.0 - 5.7	<100	--			--			3.1*	0.5 - 5.8	<100	5.4*	2.1 - 8.8	<100
<b>Substance Use</b>															
Any smoking, 3 months before pregnancy	16.8	13.1 - 20.4	400	--			--			13.7	7.1 - 20.4	<100	22.4	16.9 - 27.9	200
Any smoking, 3rd trimester†	5.1	2.9 - 7.3	100	--			--			5.6*	0.1 - 11.0	<100	6.4	3.6 - 9.2	<100
Any smoking, postpartum	10.4	7.5 - 13.2	200	--			--			8.7*	2.8 - 14.6	<100	15.0	10.6 - 19.4	200
Any binge drinking, 3 months before pregnancy	17.0	13.1 - 20.8	400	--			12.4*	4.5 - 20.3	<100	19.0	10.4 - 27.5	100	17.1	11.8 - 22.4	200
Any alcohol use, 3rd trimester†	6.5	3.9 - 9.1	100	--			13.5*	4.0 - 22.9	<100	8.5*	2.4 - 14.5	<100	3.6*	0.9 - 6.2	<100
<b>Pregnancy Intention and Family Planning</b>															
Mistimed or unwanted pregnancy	36.6	31.9 - 41.3	800	--			28.0	14.6 - 41.4	<100	37.7	28.5 - 46.9	200	38.9	32.5 - 45.3	400
Unsure of pregnancy intentions	15.3	12.0 - 18.6	300	--			--			16.1	10.0 - 22.1	100	19.1	14.0 - 24.2	200
Postpartum birth control use†	80.8	77.0 - 84.6	1,800	--			72.8	59.0 - 86.6	200	85.4	79.4 - 91.4	600	78.9	73.5 - 84.2	800
<b>Infant Sleep and Breastfeeding</b>															
Placed infant on back to sleep	71.8	67.4 - 76.2	1,600	--			81.8*	70.2 - 93.4	200	76.8	69.7 - 83.9	500	67.8	61.4 - 74.2	700
Infant always or often shared bed	41.7	36.9 - 46.5	900	--			30.9	17.1 - 44.6	<100	36.4	27.7 - 45.0	200	47.0	40.2 - 53.8	500
Intended to breastfeed, before birth	90.5	87.6 - 93.5	2,000	--			--			89.0	82.7 - 95.3	600	88.5	84.2 - 92.9	900
Intended to breastfeed exclusively, before birth	60.8	56.0 - 65.6	1,300	--			67.9	54.1 - 81.7	200	59.6	50.6 - 68.5	400	57.5	50.8 - 64.3	600
<b>Breastfeeding practices</b>															
Any breastfeeding, 1 month after delivery	77.1	73.0 - 81.2	1,700	--			86.1*	77.5 - 94.8	300	78.9	71.5 - 86.3	500	74.6	68.5 - 80.6	700
Exclusive breastfeeding, 1 month after delivery	42.9	38.0 - 47.8	900	--			60.6	46.4 - 74.9	200	44.8	35.8 - 53.8	300	40.1	33.2 - 47.0	400
Any breastfeeding, 3 months after delivery	54.9	49.6 - 60.3	900	--			65.6	49.9 - 81.4	100	61.8	52.3 - 71.3	300	47.4	39.9 - 55.0	400
Exclusive breastfeeding, 3 months after delivery	22.6	18.0 - 27.3	400	--			38.0	21.2 - 54.9	<100	33.0	23.3 - 42.7	200	16.1	10.5 - 21.7	100



# MIHA Data Snapshot, Kings County by Neighborhood Poverty, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Kings County			0-4.9% of Residents below Poverty			5-9.9% of Residents below Poverty			10-19.9% of Residents below Poverty			≥ 20% of Residents below Poverty		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
<b>Service Utilization and Health Insurance Coverage</b>															
Had a usual source of pre-pregnancy care	71.4	67.2 - 75.6	1,600	--	--	--	82.0 *	70.7 - 93.3	200	72.2	64.4 - 80.1	500	65.5	59.3 - 71.8	700
Initiated prenatal care in 1st trimester	84.6	81.1 - 88.1	1,900	--	--	--	--	--	--	88.3	82.3 - 94.2	600	77.3	71.7 - 82.9	800
Mom or infant needed but couldn't afford care postpartum	11.2	8.1 - 14.3	200	--	--	--	14.5 *	2.9 - 26.2	<100	9.0	4.1 - 13.8	<100	13.2	8.6 - 17.8	100
Participated in WIC during pregnancy†	74.4	70.0 - 78.7	1,700	--	--	--	48.6	33.8 - 63.3	100	61.7	53.0 - 70.4	400	86.6	81.9 - 91.4	900
Received CalFresh (food stamps) during pregnancy	36.9	32.3 - 41.5	800	--	--	--	18.2	7.8 - 28.6	<100	23.7	16.0 - 31.5	200	53.5	47.0 - 60.1	600
Pre-pregnancy insurance															
Medi-Cal	38.9	34.3 - 43.5	900	--	--	--	27.5	14.4 - 40.5	<100	23.7	16.1 - 31.3	200	54.9	48.3 - 61.4	600
Uninsured	19.2	15.4 - 22.9	400	--	--	--	--	--	--	16.0	9.4 - 22.6	100	25.8	20.0 - 31.6	300
Private	24.5	20.4 - 28.6	600	--	--	--	54.4	39.8 - 69.0	200	28.2	20.3 - 36.1	200	16.3	11.4 - 21.2	200
Prenatal insurance															
Medi-Cal	60.4	55.6 - 65.2	1,400	--	--	--	35.5	21.9 - 49.1	100	42.1	33.3 - 50.8	300	84.5	79.7 - 89.3	900
Uninsured	1.7 *	0.3 - 3.2	<100	--	--	--	--	--	--	--	--	--	--	--	--
Private	19.9	16.1 - 23.7	500	--	--	--	48.2	33.8 - 62.7	100	24.0	16.6 - 31.5	200	10.4	6.4 - 14.5	100
Maternal postpartum insurance															
Medi-Cal	52.2	47.4 - 57.1	1,200	--	--	--	34.1	20.1 - 48.1	100	34.5	26.1 - 43.0	200	72.4	66.7 - 78.2	800
Uninsured	10.0	7.3 - 12.7	200	--	--	--	--	--	--	7.7 *	2.9 - 12.4	<100	13.0	9.0 - 17.1	100
Private	19.4	15.7 - 23.2	400	--	--	--	45.3	31.1 - 59.6	100	24.2	16.9 - 31.5	200	11.3	7.0 - 15.7	100
Infant health insurance															
Medi-Cal	61.7	56.8 - 66.6	1,300	--	--	--	42.4	28.0 - 56.7	100	42.8	33.9 - 51.6	300	85.7	80.9 - 90.6	900
Uninsured	2.8 *	1.1 - 4.4	<100	--	--	--	--	--	--	--	--	--	3.0 *	0.8 - 5.2	<100
Private	17.4	13.6 - 21.3	400	--	--	--	40.4	26.5 - 54.4	100	22.0	14.7 - 29.2	100	7.7	3.8 - 11.6	<100
<b>Maternal Demographics</b>															
Age															
15-19	8.5	6.0 - 11.1	200	--	--	--	10.3 *	0.4 - 20.1	<100	6.6	2.8 - 10.5	<100	9.3	5.8 - 12.7	100
20-34	80.7	76.9 - 84.5	1,800	--	--	--	77.8	65.6 - 90.1	200	82.1	74.8 - 89.3	500	78.9	73.6 - 84.2	900
35+	10.8	7.7 - 13.9	200	--	--	--	11.9 *	3.1 - 20.7	<100	11.3	4.7 - 17.9	<100	11.8	7.5 - 16.2	100
Did not complete high school (or GED)	18.4	14.7 - 22.1	400	--	--	--	--	--	--	9.0	4.0 - 14.0	<100	28.9	22.8 - 35.1	300
Unmarried	50.7	45.9 - 55.5	1,100	--	--	--	35.6	21.4 - 49.7	100	38.1	29.4 - 46.8	300	66.7	60.5 - 72.9	700
Race/Ethnicity															
White	28.7	24.2 - 33.1	700	--	--	--	52.2	37.6 - 66.7	200	32.5	24.4 - 40.7	200	19.0	13.5 - 24.4	200
Hispanic	62.5	57.8 - 67.1	1,400	--	--	--	40.2	25.9 - 54.6	100	56.3	47.5 - 65.1	400	74.6	68.9 - 80.3	800
Asian/Pacific Islander	3.7 *	1.4 - 6.0	<100	--	--	--	--	--	--	6.7 *	1.4 - 11.9	<100	--	--	--
Black	4.1	3.4 - 4.8	<100	--	--	--	--	--	--	4.5	2.5 - 6.5	<100	3.5	2.0 - 5.0	<100
Born outside the U.S.	24.9	20.7 - 29.0	600	--	--	--	15.7 *	4.5 - 27.0	<100	18.3	11.4 - 25.2	100	32.0	25.9 - 38.0	300
Speaks non-English language at home	19.5	15.7 - 23.4	400	--	--	--	--	--	--	12.0	6.1 - 17.9	<100	27.9	21.9 - 33.9	300
Income as a percent of the Federal Poverty Guideline															
0-100%	53.7	48.7 - 58.7	1,100	--	--	--	37.1	22.2 - 52.1	<100	36.4	27.6 - 45.1	200	72.9	67.0 - 78.9	700
101-200%	27.4	23.0 - 31.9	600	--	--	--	22.7 *	9.0 - 36.3	<100	31.5	23.1 - 39.9	200	22.5	16.8 - 28.1	200
> 200%	18.8	14.8 - 22.9	400	--	--	--	40.2	25.6 - 54.7	100	32.1	23.3 - 41.0	200	4.6	1.9 - 7.3	<100

-- Estimate not shown because the relative standard error (RSE) is greater than 50%, fewer than 5 women reported, or the weighted population denominator for the column is less than 100 women.

\* Estimate should be interpreted with caution due to low statistical reliability (RSE is between 30% and 50%).

† Measure/definition may not be comparable to previous Snapshots (see Technical Notes).

Notes: MIHA is an annual population-based survey of California resident women with a live birth. Data from MIHA 2013-2015 were combined, resulting in a statewide sample size of 20,762. The sample size of Kings County was 488. Percent (%), 95% confidence interval (95% CI) and estimated number of women in the population with the health indicator/characteristic (i.e., numerator of the percent rounded to the nearest hundred) are weighted to represent all women with a live birth who resided in California and the county in 2013-2015. Population estimate (N) is a three-year average. Neighborhood poverty is the percentage of residents with incomes below poverty in a woman's census tract. See the Technical Notes for information on weighting, comparability to prior years and technical definitions. Visit the MIHA website at [www.cdph.ca.gov/MIHA](http://www.cdph.ca.gov/MIHA).



# MIHA Data Snapshot, Kings County by Prenatal Health Insurance, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Kings County			Medi-Cal			Private		
	%	95% CI	N	%	95% CI	N	%	95% CI	N
<b>Total</b>	100		2,300	60.4	55.6 - 65.2	1,400	19.9	16.1 - 23.7	500
<b>Health Status before Pregnancy</b>									
In good to excellent health	89.9	87.1 - 92.8	2,100	87.0	83.1 - 90.9	1,200	--		
Chronic conditions									
Diabetes†	4.2	2.6 - 5.8	<100	6.3	3.7 - 8.8	<100	--		
Hypertension†	1.7 *	0.5 - 2.8	<100	2.5 *	0.7 - 4.3	<100	--		
Asthma†	9.0	6.4 - 11.5	200	10.8	7.2 - 14.4	100	7.7 *	3.0 - 12.3	<100
<b>Nutrition and Weight</b>									
Daily folic acid use, month before pregnancy	31.7	27.1 - 36.2	700	21.7	16.7 - 26.7	300	39.4	28.8 - 50.1	200
Overweight before pregnancy	31.7	27.2 - 36.3	700	27.6	22.1 - 33.1	400	38.8	28.1 - 49.6	200
Obese before pregnancy	27.4	23.1 - 31.7	600	33.4	27.7 - 39.2	400	19.9	12.0 - 27.9	<100
Inadequate weight gain during pregnancy	16.6	12.8 - 20.4	300	20.3	15.0 - 25.7	200	13.3 *	4.9 - 21.6	<100
Excessive weight gain during pregnancy	51.8	46.5 - 57.1	1,000	50.0	43.3 - 56.7	500	53.5	41.8 - 65.2	200
Food insecurity during pregnancy	22.4	18.3 - 26.6	500	29.3	23.7 - 34.9	400	10.0	4.1 - 15.8	<100
<b>Intimate Partner Violence (IPV) and Depressive Symptoms</b>									
Physical or psychological IPV during pregnancy	13.1	9.8 - 16.4	300	16.7	12.2 - 21.2	200	6.8 *	1.7 - 11.9	<100
Prenatal depressive symptoms	19.1	15.3 - 22.9	400	24.6	19.5 - 29.7	300	5.1 *	1.1 - 9.1	<100
Postpartum depressive symptoms	17.6	13.8 - 21.4	400	17.0	12.6 - 21.4	200	13.9	6.6 - 21.2	<100
<b>Hardships and Support during Pregnancy</b>									
Experienced two or more hardships during childhood	31.3	26.7 - 35.8	700	33.1	27.5 - 38.8	400	25.5	16.6 - 34.3	100
Homeless or did not have a regular place to sleep	3.5	1.7 - 5.3	<100	5.8	2.9 - 8.7	<100	--		
Moved due to problems paying rent or mortgage	6.3	4.0 - 8.6	100	9.4	5.9 - 12.9	100	--		
Woman or partner lost job	15.2	11.6 - 18.7	300	20.1	15.2 - 24.9	300	4.8 *	0.7 - 8.9	<100
Woman or partner had pay or hours cut back	11.9	8.8 - 15.1	300	14.0	9.8 - 18.3	200	6.5 *	2.0 - 10.9	<100
Became separated or divorced	10.0	7.2 - 12.8	200	12.8	9.2 - 16.5	200	--		
Had no practical or emotional support	3.8	2.0 - 5.7	<100	6.3	3.2 - 9.3	<100	--		
<b>Substance Use</b>									
Any smoking, 3 months before pregnancy	16.8	13.1 - 20.4	400	20.2	15.2 - 25.1	300	6.4 *	1.7 - 11.2	<100
Any smoking, 3rd trimester†	5.1	2.9 - 7.3	100	6.9	3.7 - 10.1	<100	--		
Any smoking, postpartum	10.4	7.5 - 13.2	200	13.7	9.6 - 17.8	200	3.4 *	0.1 - 6.7	<100
Any binge drinking, 3 months before pregnancy	17.0	13.1 - 20.8	400	17.1	12.2 - 22.0	200	10.2	4.4 - 16.0	<100
Any alcohol use, 3rd trimester†	6.5	3.9 - 9.1	100	3.3 *	1.1 - 5.6	<100	5.8 *	1.2 - 10.4	<100
<b>Pregnancy Intention and Family Planning</b>									
Mistimed or unwanted pregnancy	36.6	31.9 - 41.3	800	39.3	33.5 - 45.2	500	31.0	21.1 - 40.8	100
Unsure of pregnancy intentions	15.3	12.0 - 18.6	300	21.0	16.3 - 25.7	300	6.7 *	1.4 - 11.9	<100
Postpartum birth control use†	80.8	77.0 - 84.6	1,800	79.5	74.7 - 84.2	1,100	85.7	78.1 - 93.4	400
<b>Infant Sleep and Breastfeeding</b>									
Placed infant on back to sleep	71.8	67.4 - 76.2	1,600	66.9	61.1 - 72.7	900	85.7	78.4 - 93.0	400
Infant always or often shared bed	41.7	36.9 - 46.5	900	47.4	41.3 - 53.5	600	21.4	12.9 - 29.9	<100
Intended to breastfeed, before birth	90.5	87.6 - 93.5	2,000	87.9	83.6 - 92.2	1,100	94.5 *	90.0 - 99.1	400
Intended to breastfeed exclusively, before birth	60.8	56.0 - 65.6	1,300	53.6	47.4 - 59.7	700	69.0	59.3 - 78.7	300
<b>Breastfeeding practices</b>									
Any breastfeeding, 1 month after delivery	77.1	73.0 - 81.2	1,700	70.9	65.2 - 76.6	900	86.4	79.6 - 93.3	400
Exclusive breastfeeding, 1 month after delivery	42.9	38.0 - 47.8	900	39.4	33.2 - 45.6	500	42.0	31.2 - 52.8	200
Any breastfeeding, 3 months after delivery	54.9	49.6 - 60.3	900	49.1	42.3 - 55.9	500	57.8	45.9 - 69.7	200
Exclusive breastfeeding, 3 months after delivery	22.6	18.0 - 27.3	400	18.5	13.1 - 23.8	200	23.7	13.5 - 33.9	<100



# MIHA Data Snapshot, Kings County by Prenatal Health Insurance, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Kings County				Medi-Cal				Private			
	%	95% CI		N	%	95% CI		N	%	95% CI		N
<b>Service Utilization and Health Insurance Coverage</b>												
Had a usual source of pre-pregnancy care	71.4	67.2 - 75.6		1,600	67.1	61.7 - 72.5		900	79.5	70.6 - 88.5		400
Initiated prenatal care in 1st trimester	84.6	81.1 - 88.1		1,900	80.6	75.8 - 85.4		1,100	93.8 *	88.9 - 98.7		400
Mom or infant needed but couldn't afford care postpartum	11.2	8.1 - 14.3		200	13.6	9.4 - 17.8		200	9.1 *	3.0 - 15.2		<100
Participated in WIC during pregnancy†	74.4	70.0 - 78.7		1,700	92.5	89.3 - 95.7		1,300	34.0	24.1 - 44.0		100
Received CalFresh (food stamps) during pregnancy	36.9	32.3 - 41.5		800	59.3	53.5 - 65.0		800	--			
Pre-pregnancy insurance												
Medi-Cal	38.9	34.3 - 43.5		900	63.7	58.0 - 69.4		900	--			
Uninsured	19.2	15.4 - 22.9		400	26.8	21.5 - 32.0		400	--			
Private	24.5	20.4 - 28.6		600	7.8	4.6 - 11.1		100	--			
Maternal postpartum insurance												
Medi-Cal	52.2	47.4 - 57.1		1,200	82.0	77.7 - 86.4		1,100	7.6 *	2.4 - 12.8		<100
Uninsured	10.0	7.3 - 12.7		200	13.4	9.6 - 17.3		200	7.1 *	1.0 - 13.2		<100
Private	19.4	15.7 - 23.2		400	2.9 *	0.9 - 4.9		<100	84.4	76.5 - 92.2		400
Infant health insurance												
Medi-Cal	61.7	56.8 - 66.6		1,300	94.2	91.4 - 97.0		1,200	16.1	8.6 - 23.7		<100
Uninsured	2.8 *	1.1 - 4.4		<100	2.6 *	0.7 - 4.5		<100	5.9 *	0.3 - 11.5		<100
Private	17.4	13.6 - 21.3		400	--				77.0	68.1 - 86.0		300
<b>Maternal Demographics</b>												
Age												
15-19	8.5	6.0 - 11.1		200	10.8	7.5 - 14.1		100	--			
20-34	80.7	76.9 - 84.5		1,800	79.6	75.0 - 84.1		1,100	82.1	74.8 - 89.3		400
35+	10.8	7.7 - 13.9		200	9.6	6.1 - 13.1		100	14.2	7.7 - 20.7		<100
Did not complete high school (or GED)	18.4	14.7 - 22.1		400	30.3	24.7 - 35.9		400	--			
Unmarried	50.7	45.9 - 55.5		1,100	68.5	63.1 - 74.0		900	29.2	19.7 - 38.7		100
Race/Ethnicity												
White	28.7	24.2 - 33.1		700	17.5	12.6 - 22.4		200	44.3	33.6 - 54.9		200
Hispanic	62.5	57.8 - 67.1		1,400	76.7	71.7 - 81.7		1,100	50.3	39.5 - 61.0		200
Asian/Pacific Islander	3.7 *	1.4 - 6.0		<100	--				--			
Black	4.1	3.4 - 4.8		<100	3.6	2.3 - 4.9		<100	1.6 *	0.3 - 3.0		<100
Born outside the U.S.	24.9	20.7 - 29.0		600	31.4	25.9 - 36.9		400	13.2	6.1 - 20.4		<100
Speaks non-English language at home	19.5	15.7 - 23.4		400	27.4	22.0 - 32.7		400	9.6 *	2.9 - 16.3		<100
Lives in a high poverty neighborhood	52.8	47.8 - 57.8		1,100	70.2	64.6 - 75.9		900	27.3	17.5 - 37.0		100
Income as a percent of the Federal Poverty Guideline												
0-100%	53.7	48.7 - 58.7		1,100	78.9	74.0 - 83.8		1,000	12.7	5.7 - 19.7		<100
101-200%	27.4	23.0 - 31.9		600	18.6	14.0 - 23.3		200	35.2	24.5 - 45.9		100
> 200%	18.8	14.8 - 22.9		400	2.5 *	0.4 - 4.6		<100	52.1	41.0 - 63.1		200

-- Estimate not shown because the relative standard error (RSE) is greater than 50%, fewer than 5 women reported, or the weighted population denominator for the column is less than 100 women.

\* Estimate should be interpreted with caution due to low statistical reliability (RSE is between 30% and 50%)

† Measure/definition may not be comparable to previous Snapshots (see Technical Notes).

Notes: MIHA is an annual population-based survey of California resident women with a live birth. Data from MIHA 2013-2015 were combined, resulting in a statewide sample size of 20,762. The sample size of Kings County was 488. Percent (%), 95% confidence interval (95% CI) and estimated number of women in the population with the health indicator/characteristic (i.e., numerator of the percent rounded to the nearest hundred) are weighted to represent all women with a live birth who resided in California and the county in 2013-2015. Population estimate (N) is a three-year average. See the Technical Notes for information on weighting, comparability to prior years and technical definitions. Visit the MIHA website at [www.cdph.ca.gov/MIHA](http://www.cdph.ca.gov/MIHA).

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# MIHA Data Snapshot, Kings County by Race/Ethnicity, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Kings County			Hispanic			Black			White			Asian/Pacific Islander		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
<b>Total</b>	100		2,300	62.5	57.8 - 67.1	1,400	4.1	3.4 - 4.8	<100	28.7	24.2 - 33.1	700	3.7*	1.4 - 6.0	<100
<b>Health Status before Pregnancy</b>															
In good to excellent health	89.9	87.1 - 92.8	2,100	90.3	86.4 - 94.2	1,300	83.5*	71.6 - 95.3	<100	91.5	86.4 - 96.5	600	--		
Chronic conditions															
Diabetes†	4.2	2.6 - 5.8	<100	5.5	3.2 - 7.8	<100	--			--			--		
Hypertension†	1.7*	0.5 - 2.8	<100	2.4*	0.7 - 4.1	<100	--			--			--		
Asthma†	9.0	6.4 - 11.5	200	7.1	4.4 - 9.8	<100	13.2*	3.3 - 23.2	<100	13.7	7.4 - 20.1	<100	--		
<b>Nutrition and Weight</b>															
Daily folic acid use, month before pregnancy	31.7	27.1 - 36.2	700	24.8	19.5 - 30.0	400	34.8	20.3 - 49.4	<100	40.0	30.9 - 49.2	300	75.4*	51.8 - 98.9	<100
Overweight before pregnancy	31.7	27.2 - 36.3	700	34.4	28.5 - 40.4	500	44.2	29.2 - 59.2	<100	27.9	19.3 - 36.4	200	--		
Obese before pregnancy	27.4	23.1 - 31.7	600	29.8	24.1 - 35.5	400	32.4	18.8 - 45.9	<100	24.3	16.7 - 32.0	200	--		
Inadequate weight gain during pregnancy	16.6	12.8 - 20.4	300	19.9	14.6 - 25.1	200	13.5*	2.8 - 24.2	<100	13.5	7.0 - 20.0	<100	--		
Excessive weight gain during pregnancy	51.8	46.5 - 57.1	1,000	46.4	39.7 - 53.2	500	54.2	37.6 - 70.8	<100	58.4	48.6 - 68.2	300	71.6*	46.6 - 96.7	<100
Food insecurity during pregnancy	22.4	18.3 - 26.6	500	24.9	19.5 - 30.2	300	19.1*	6.8 - 31.5	<100	19.5	11.4 - 27.6	100	--		
<b>Intimate Partner Violence (IPV) and Depressive Symptoms</b>															
Physical or psychological IPV during pregnancy	13.1	9.8 - 16.4	300	16.6	12.0 - 21.3	200	11.4*	3.8 - 19.0	<100	7.1*	2.4 - 11.8	<100	--		
Prenatal depressive symptoms	19.1	15.3 - 22.9	400	22.6	17.4 - 27.7	300	23.8	11.5 - 36.1	<100	11.3	5.5 - 17.1	<100	--		
Postpartum depressive symptoms	17.6	13.8 - 21.4	400	17.5	12.7 - 22.4	200	33.1	19.1 - 47.1	<100	15.5	8.6 - 22.4	100	--		
<b>Hardships and Support during Pregnancy</b>															
Experienced two or more hardships during childhood	31.3	26.7 - 35.8	700	30.6	24.9 - 36.2	400	29.9	16.1 - 43.7	<100	34.3	25.0 - 43.6	200	--		
Homeless or did not have a regular place to sleep	3.5	1.7 - 5.3	<100	3.9*	1.4 - 6.4	<100	--			--			--		
Moved due to problems paying rent or mortgage	6.3	4.0 - 8.6	100	7.2	4.1 - 10.3	100	--			5.4*	1.1 - 9.6	<100	--		
Woman or partner lost job	15.2	11.6 - 18.7	300	16.5	11.9 - 21.1	200	16.7*	5.4 - 28.0	<100	12.7	5.8 - 19.6	<100	--		
Woman or partner had pay or hours cut back	11.9	8.8 - 15.1	300	11.4	7.4 - 15.4	200	16.0*	4.8 - 27.3	<100	13.0	6.7 - 19.3	<100	--		
Became separated or divorced	10.0	7.2 - 12.8	200	12.6	8.8 - 16.5	200	12.7*	2.9 - 22.6	<100	5.6*	0.9 - 10.3	<100	--		
Had no practical or emotional support	3.8	2.0 - 5.7	<100	5.0	2.2 - 7.7	<100	--			--			--		
<b>Substance Use</b>															
Any smoking, 3 months before pregnancy	16.8	13.1 - 20.4	400	8.9	5.6 - 12.2	100	16.7*	6.2 - 27.2	<100	32.6	23.3 - 41.8	200	--		
Any smoking, 3rd trimester†	5.1	2.9 - 7.3	100	--			--			10.1*	3.6 - 16.5	<100	--		
Any smoking, postpartum	10.4	7.5 - 13.2	200	5.7	3.2 - 8.3	<100	19.2*	7.5 - 30.9	<100	18.5	10.8 - 26.2	100	--		
Any binge drinking, 3 months before pregnancy	17.0	13.1 - 20.8	400	15.6	10.7 - 20.4	200	16.8*	5.5 - 28.1	<100	20.7	12.8 - 28.5	100	--		
Any alcohol use, 3rd trimester†	6.5	3.9 - 9.1	100	3.2*	0.4 - 5.9	<100	--			13.7	7.3 - 20.0	<100	--		
<b>Pregnancy Intention and Family Planning</b>															
Mistimed or unwanted pregnancy	36.6	31.9 - 41.3	800	39.3	33.3 - 45.3	600	33.0	18.7 - 47.2	<100	32.2	23.2 - 41.1	200	38.1*	10.0 - 66.2	<100
Unsure of pregnancy intentions	15.3	12.0 - 18.6	300	18.4	13.8 - 22.9	300	12.3*	2.0 - 22.7	<100	9.1	4.0 - 14.1	<100	--		
Postpartum birth control use†	80.8	77.0 - 84.6	1,800	79.5	74.7 - 84.4	1,100	84.3*	73.2 - 95.4	<100	83.1	76.0 - 90.3	500	--		
<b>Infant Sleep and Breastfeeding</b>															
Placed infant on back to sleep	71.8	67.4 - 76.2	1,600	70.2	64.6 - 75.8	1,000	57.6	42.5 - 72.8	<100	75.2	66.6 - 83.9	500	--		
Infant always or often shared bed	41.7	36.9 - 46.5	900	45.7	39.6 - 51.8	600	56.1	41.0 - 71.1	<100	31.9	22.7 - 41.1	200	44.7*	14.1 - 75.4	<100
Intended to breastfeed, before birth	90.5	87.6 - 93.5	2,000	89.5	85.9 - 93.2	1,200	85.7*	74.5 - 97.0	<100	92.4*	86.3 - 98.5	600	--		
Intended to breastfeed exclusively, before birth	60.8	56.0 - 65.6	1,300	53.8	47.7 - 60.0	700	59.2	44.2 - 74.2	<100	77.7	69.9 - 85.5	500	35.2*	6.4 - 64.1	<100
<b>Breastfeeding practices</b>															
Any breastfeeding, 1 month after delivery	77.1	73.0 - 81.2	1,700	73.9	68.5 - 79.3	1,000	83.2*	71.9 - 94.6	<100	85.2	78.1 - 92.3	500	--		
Exclusive breastfeeding, 1 month after delivery	42.9	38.0 - 47.8	900	38.0	31.8 - 44.1	500	55.7	39.9 - 71.4	<100	54.7	45.0 - 64.4	300	32.8*	4.7 - 60.9	<100
Any breastfeeding, 3 months after delivery	54.9	49.6 - 60.3	900	51.9	45.1 - 58.6	600	48.0	31.2 - 64.9	<100	66.8	57.0 - 76.7	300	44.5*	7.2 - 81.7	<100
Exclusive breastfeeding, 3 months after delivery	22.6	18.0 - 27.3	400	18.7	13.2 - 24.2	200	16.7*	6.0 - 27.4	<100	34.5	24.1 - 44.9	200	--		



# MIHA Data Snapshot, Kings County by Race/Ethnicity, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Kings County			Hispanic			Black			White			Asian/Pacific Islander		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
<b>Service Utilization and Health Insurance Coverage</b>															
Had a usual source of pre-pregnancy care	71.4	67.2 - 75.6	1,600	71.1	65.7 - 76.5	1,000	69.4	55.4 - 83.4	<100	74.2	66.3 - 82.1	500	73.9 *	48.4 - 99.4	<100
Initiated prenatal care in 1st trimester	84.6	81.1 - 88.1	1,900	84.5	80.2 - 88.8	1,200	--	--	--	85.0	78.1 - 91.9	500	74.9 *	50.5 - 99.2	<100
Mom or infant needed but couldn't afford care postpartum	11.2	8.1 - 14.3	200	11.9	7.8 - 16.1	200	19.2 *	7.5 - 31.0	<100	10.4	4.6 - 16.2	<100	--	--	--
Participated in WIC during pregnancy†	74.4	70.0 - 78.7	1,700	87.7	83.7 - 91.7	1,200	90.0 *	82.3 - 97.7	<100	49.4	39.9 - 58.9	300	--	--	--
Received CalFresh (food stamps) during pregnancy	36.9	32.3 - 41.5	800	43.2	37.2 - 49.1	600	41.8	27.5 - 56.1	<100	25.6	17.0 - 34.1	200	--	--	--
Pre-pregnancy insurance															
Medi-Cal	38.9	34.3 - 43.5	900	50.0	43.9 - 56.0	700	33.7	20.0 - 47.4	<100	22.3	14.2 - 30.4	100	--	--	--
Uninsured	19.2	15.4 - 22.9	400	23.8	18.4 - 29.1	300	--	--	--	9.2	4.2 - 14.2	<100	--	--	--
Private	24.5	20.4 - 28.6	600	19.6	14.8 - 24.4	300	14.8 *	4.2 - 25.3	<100	38.7	29.7 - 47.6	300	--	--	--
Prenatal insurance															
Medi-Cal	60.4	55.6 - 65.2	1,400	74.2	68.6 - 79.7	1,100	53.2	38.5 - 67.9	<100	36.9	27.8 - 46.1	200	--	--	--
Uninsured	1.7 *	0.3 - 3.2	<100	--	--	--	--	--	--	--	--	<100	--	--	--
Private	19.9	16.1 - 23.7	500	16.1	11.6 - 20.5	200	8.0 *	1.1 - 14.8	<100	30.9	22.5 - 39.3	200	--	--	--
Maternal postpartum insurance															
Medi-Cal	52.2	47.4 - 57.1	1,200	64.1	58.3 - 70.0	900	44.7	30.3 - 59.1	<100	33.1	24.2 - 42.0	200	--	--	--
Uninsured	10.0	7.3 - 12.7	200	12.8	9.1 - 16.6	200	--	--	--	6.4 *	1.8 - 10.9	<100	--	--	--
Private	19.4	15.7 - 23.2	400	15.0	10.7 - 19.2	200	11.1 *	1.1 - 21.2	<100	30.4	22.1 - 38.7	200	--	--	--
Infant health insurance															
Medi-Cal	61.7	56.8 - 66.6	1,300	77.3	71.9 - 82.7	1,000	48.9	34.5 - 63.3	<100	36.3	27.0 - 45.6	200	--	--	--
Uninsured	2.8 *	1.1 - 4.4	<100	2.0 *	0.5 - 3.5	<100	--	--	--	5.3 *	0.5 - 10.0	<100	--	--	--
Private	17.4	13.6 - 21.3	400	12.4	8.2 - 16.7	200	--	--	--	27.5	19.4 - 35.7	200	--	--	--
<b>Maternal Demographics</b>															
Age															
15-19	8.5	6.0 - 11.1	200	11.4	7.6 - 15.1	200	--	--	--	3.7 *	0.9 - 6.6	<100	--	--	--
20-34	80.7	76.9 - 84.5	1,800	77.0	71.7 - 82.3	1,100	92.1 *	85.4 - 98.8	<100	84.7	78.9 - 90.5	600	--	--	--
35+	10.8	7.7 - 13.9	200	11.7	7.3 - 16.0	200	--	--	--	11.6	6.5 - 16.7	<100	--	--	--
Did not complete high school (or GED)	18.4	14.7 - 22.1	400	25.5	20.2 - 30.8	400	--	--	--	--	--	--	--	--	--
Unmarried	50.7	45.9 - 55.5	1,100	59.3	53.3 - 65.2	800	53.4	38.3 - 68.5	<100	34.7	25.6 - 43.8	200	--	--	--
Born outside the U.S.	24.9	20.7 - 29.0	600	33.2	27.7 - 38.7	500	--	--	--	--	--	--	76.4 *	55.0 - 97.8	<100
Speaks non-English language at home	19.5	15.7 - 23.4	400	28.4	23.1 - 33.8	400	--	--	--	--	--	--	--	--	--
Lives in a high poverty neighborhood	52.8	47.8 - 57.8	1,100	61.9	55.6 - 68.1	800	49.9	33.2 - 66.6	<100	35.5	26.2 - 44.7	200	--	--	--
Income as a percent of the Federal Poverty Guideline															
0-100%	53.7	48.7 - 58.7	1,100	65.9	59.8 - 71.9	900	41.2	26.3 - 56.1	<100	35.6	26.2 - 45.1	200	--	--	--
101-200%	27.4	23.0 - 31.9	600	23.1	18.0 - 28.3	300	43.0	28.0 - 58.1	<100	32.8	23.5 - 42.1	200	40.9 *	10.5 - 71.3	<100
> 200%	18.8	14.8 - 22.9	400	11.0	6.6 - 15.4	100	15.7 *	5.6 - 25.8	<100	31.6	23.1 - 40.1	200	51.0 *	19.7 - 82.4	<100

-- Estimate not shown because the relative standard error (RSE) is greater than 50%, fewer than 5 women reported, or the weighted population denominator for the column is less than 100 women.

\* Estimate should be interpreted with caution due to low statistical reliability (RSE is between 30% and 50%).

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Notes: MIHA is an annual population-based survey of California resident women with a live birth. Data from MIHA 2013-2015 were combined, resulting in a statewide sample size of 20,762. The sample size of Kings County was 488. Percent (%), 95% confidence interval (95% CI) and estimated number of women in the population with the health indicator/characteristic (i.e., numerator of the percent rounded to the nearest hundred) are weighted to represent all women with a live birth who resided in California and the county in 2013-2015. Population estimate (N) is a three-year average. See the Technical Notes for information on weighting, comparability to prior years and technical definitions. Visit the MIHA website at [www.cdph.ca.gov/MIHA](http://www.cdph.ca.gov/MIHA).

Table Citation: Maternal and Infant Health Assessment (MIHA) Survey County and Regional Data Snapshots for Subgroups, 2013-2015. California Department of Public Health; 2018.





# MIHA Data Snapshot, Kings County by Total Live Births, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Kings County			First Live Birth			Second Live Birth or More		
	%	95% CI	N	%	95% CI	N	%	95% CI	N
<b>Total</b>	100		2,300	33.2	28.6 - 37.8	800	66.8	62.2 - 71.4	1,500
<b>Health Status before Pregnancy</b>									
In good to excellent health	89.9	87.1 - 92.8	2,100	93.7	90.1 - 97.2	700	88.1	84.2 - 92.0	1,300
Chronic conditions									
Diabetes†	4.2	2.6 - 5.8	<100	3.1 *	0.5 - 5.7	<100	4.8	2.7 - 6.8	<100
Hypertension†	1.7 *	0.5 - 2.8	<100	--			2.2 *	0.6 - 3.9	<100
Asthma†	9.0	6.4 - 11.5	200	8.6	4.0 - 13.2	<100	9.1	6.1 - 12.2	100
<b>Nutrition and Weight</b>									
Daily folic acid use, month before pregnancy	31.7	27.1 - 36.2	700	42.4	33.8 - 51.0	300	26.3	21.1 - 31.5	400
Overweight before pregnancy	31.7	27.2 - 36.3	700	34.9	26.3 - 43.4	300	30.1	24.8 - 35.5	400
Obese before pregnancy	27.4	23.1 - 31.7	600	15.2	9.5 - 21.0	100	33.6	28.1 - 39.2	500
Inadequate weight gain during pregnancy	16.6	12.8 - 20.4	300	10.7	5.7 - 15.6	<100	19.9	14.8 - 25.0	200
Excessive weight gain during pregnancy	51.8	46.5 - 57.1	1,000	58.3	49.4 - 67.3	400	48.1	41.6 - 54.6	600
Food insecurity during pregnancy	22.4	18.3 - 26.6	500	18.1	11.3 - 25.0	100	24.6	19.4 - 29.7	400
<b>Intimate Partner Violence (IPV) and Depressive Symptoms</b>									
Physical or psychological IPV during pregnancy	13.1	9.8 - 16.4	300	11.8	6.2 - 17.3	<100	13.8	9.7 - 17.9	200
Prenatal depressive symptoms	19.1	15.3 - 22.9	400	12.7	6.9 - 18.4	<100	22.3	17.5 - 27.2	300
Postpartum depressive symptoms	17.6	13.8 - 21.4	400	16.0	9.2 - 22.9	100	18.4	13.9 - 22.8	300
<b>Hardships and Support during Pregnancy</b>									
Experienced two or more hardships during childhood	31.3	26.7 - 35.8	700	28.7	20.6 - 36.8	200	32.6	27.1 - 38.0	500
Homeless or did not have a regular place to sleep	3.5	1.7 - 5.3	<100	--			3.5	1.5 - 5.4	<100
Moved due to problems paying rent or mortgage	6.3	4.0 - 8.6	100	5.5 *	2.0 - 9.0	<100	6.8	3.8 - 9.7	100
Woman or partner lost job	15.2	11.6 - 18.7	300	15.0	9.1 - 20.9	100	15.2	10.8 - 19.7	200
Woman or partner had pay or hours cut back	11.9	8.8 - 15.1	300	10.8	5.8 - 15.8	<100	12.5	8.5 - 16.6	200
Became separated or divorced	10.0	7.2 - 12.8	200	13.8	7.5 - 20.0	100	8.1	5.4 - 10.8	100
Had no practical or emotional support	3.8	2.0 - 5.7	<100	--			4.7	2.4 - 6.9	<100
<b>Substance Use</b>									
Any smoking, 3 months before pregnancy	16.8	13.1 - 20.4	400	17.2	10.5 - 24.0	100	16.5	12.2 - 20.8	200
Any smoking, 3rd trimester†	5.1	2.9 - 7.3	100	--			7.4	4.2 - 10.6	100
Any smoking, postpartum	10.4	7.5 - 13.2	200	6.8 *	2.4 - 11.2	<100	12.2	8.5 - 15.8	200
Any binge drinking, 3 months before pregnancy	17.0	13.1 - 20.8	400	23.2	15.8 - 30.6	200	13.8	9.4 - 18.3	200
Any alcohol use, 3rd trimester†	6.5	3.9 - 9.1	100	6.0 *	1.9 - 10.2	<100	6.7	3.4 - 10.1	100
<b>Pregnancy Intention and Family Planning</b>									
Mistimed or unwanted pregnancy	36.6	31.9 - 41.3	800	39.8	31.5 - 48.2	300	35.0	29.3 - 40.6	500
Unsure of pregnancy intentions	15.3	12.0 - 18.6	300	12.9	7.3 - 18.6	<100	16.5	12.5 - 20.5	200
Postpartum birth control use†	80.8	77.0 - 84.6	1,800	73.1	65.1 - 81.1	500	84.6	80.7 - 88.5	1,300
<b>Infant Sleep and Breastfeeding</b>									
Placed infant on back to sleep	71.8	67.4 - 76.2	1,600	65.3	56.9 - 73.6	500	75.2	70.2 - 80.1	1,100
Infant always or often shared bed	41.7	36.9 - 46.5	900	44.7	36.1 - 53.3	300	40.2	34.4 - 46.0	600
Intended to breastfeed, before birth	90.5	87.6 - 93.5	2,000	95.4 *	92.6 - 98.2	700	88.0	83.9 - 92.1	1,300
Intended to breastfeed exclusively, before birth	60.8	56.0 - 65.6	1,300	69.1	60.9 - 77.3	500	56.5	50.7 - 62.4	800
Breastfeeding practices									
Any breastfeeding, 1 month after delivery	77.1	73.0 - 81.2	1,700	77.3	70.0 - 84.5	600	77.0	72.0 - 82.0	1,100
Exclusive breastfeeding, 1 month after delivery	42.9	38.0 - 47.8	900	42.0	33.4 - 50.6	300	43.4	37.4 - 49.3	600
Any breastfeeding, 3 months after delivery	54.9	49.6 - 60.3	900	61.3	52.0 - 70.5	400	51.7	45.1 - 58.3	600
Exclusive breastfeeding, 3 months after delivery	22.6	18.0 - 27.3	400	26.1	17.5 - 34.6	200	20.8	15.4 - 26.3	200



# MIHA Data Snapshot, Kings County by Total Live Births, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Kings County				First Live Birth				Second Live Birth or More			
	%	95% CI		N	%	95% CI		N	%	95% CI		N
<b>Service Utilization and Health Insurance Coverage</b>												
Had a usual source of pre-pregnancy care	71.4	67.2 - 75.6		1,600	65.5	57.5 - 73.5		500	74.4	69.4 - 79.3		1,100
Initiated prenatal care in 1st trimester	84.6	81.1 - 88.1		1,900	86.8	81.1 - 92.5		600	83.5	79.1 - 87.8		1,200
Mom or infant needed but couldn't afford care postpartum	11.2	8.1 - 14.3		200	8.0 *	3.1 - 12.9		<100	12.8	8.8 - 16.8		200
Participated in WIC during pregnancy†	74.4	70.0 - 78.7		1,700	70.2	62.0 - 78.3		500	76.4	71.4 - 81.4		1,200
Received CalFresh (food stamps) during pregnancy	36.9	32.3 - 41.5		800	20.4	13.6 - 27.3		200	45.1	39.3 - 50.8		700
Pre-pregnancy insurance												
Medi-Cal	38.9	34.3 - 43.5		900	25.2	18.3 - 32.0		200	45.6	39.9 - 51.3		700
Uninsured	19.2	15.4 - 22.9		400	23.4	15.6 - 31.1		200	17.1	13.0 - 21.2		300
Private	24.5	20.4 - 28.6		600	26.1	18.6 - 33.6		200	23.7	18.8 - 28.6		400
Prenatal insurance												
Medi-Cal	60.4	55.6 - 65.2		1,400	50.7	42.1 - 59.3		400	65.2	59.7 - 70.7		1,000
Uninsured	1.7 *	0.3 - 3.2		<100	--				1.3 *	0.2 - 2.4		<100
Private	19.9	16.1 - 23.7		500	20.2	13.2 - 27.2		200	19.7	15.2 - 24.3		300
Maternal postpartum insurance												
Medi-Cal	52.2	47.4 - 57.1		1,200	47.5	38.9 - 56.0		400	54.6	48.9 - 60.4		800
Uninsured	10.0	7.3 - 12.7		200	6.3	2.9 - 9.8		<100	11.8	8.2 - 15.5		200
Private	19.4	15.7 - 23.2		400	20.6	13.6 - 27.5		200	18.8	14.4 - 23.3		300
Infant health insurance												
Medi-Cal	61.7	56.8 - 66.6		1,300	55.0	46.1 - 63.8		400	65.1	59.4 - 70.8		900
Uninsured	2.8 *	1.1 - 4.4		<100	2.7 *	0.4 - 5.1		<100	2.8 *	0.6 - 5.0		<100
Private	17.4	13.6 - 21.3		400	19.5	11.9 - 27.1		100	16.4	12.1 - 20.7		200
<b>Maternal Demographics</b>												
Age												
15-19	8.5	6.0 - 11.1		200	23.2	16.3 - 30.0		200	1.3 *	0.1 - 2.4		<100
20-34	80.7	76.9 - 84.5		1,800	71.8	64.3 - 79.3		500	85.1	80.8 - 89.3		1,300
35+	10.8	7.7 - 13.9		200	5.0 *	0.9 - 9.1		<100	13.7	9.5 - 17.8		200
Did not complete high school (or GED)	18.4	14.7 - 22.1		400	10.9	5.5 - 16.3		<100	22.0	17.2 - 26.8		300
Unmarried	50.7	45.9 - 55.5		1,100	48.8	40.2 - 57.4		400	51.6	45.8 - 57.4		800
Race/Ethnicity												
White	28.7	24.2 - 33.1		700	36.2	27.9 - 44.6		300	24.9	19.7 - 30.0		400
Hispanic	62.5	57.8 - 67.1		1,400	52.6	44.0 - 61.2		400	67.4	62.1 - 72.8		1,000
Asian/Pacific Islander	3.7 *	1.4 - 6.0		<100	6.4 *	1.2 - 11.7		<100	2.4 *	0.2 - 4.5		<100
Black	4.1	3.4 - 4.8		<100	4.8	2.6 - 6.9		<100	3.8	2.7 - 4.9		<100
Born outside the U.S.	24.9	20.7 - 29.0		600	13.9	7.7 - 20.0		100	30.3	25.0 - 35.6		500
Speaks non-English language at home	19.5	15.7 - 23.4		400	10.1	5.3 - 14.9		<100	24.2	19.1 - 29.2		400
Lives in a high poverty neighborhood	52.8	47.8 - 57.8		1,100	44.0	35.1 - 52.9		300	56.7	50.7 - 62.7		800
Income as a percent of the Federal Poverty Guideline												
0-100%	53.7	48.7 - 58.7		1,100	43.1	34.0 - 52.2		300	58.8	52.9 - 64.6		800
101-200%	27.4	23.0 - 31.9		600	29.4	20.9 - 37.9		200	26.5	21.4 - 31.6		400
> 200%	18.8	14.8 - 22.9		400	27.5	19.2 - 35.8		200	14.7	10.3 - 19.2		200

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