



# MIHA Snapshot, San Joaquin Valley, 2012

Maternal and Infant Health Assessment (MIHA) Survey

✓ better than rest of California ✗ worse than rest of California ♦ no statistical difference

		San Joaquin Valley			California		
		%	95% CI	Population Estimate	%	95% CI	Population Estimate
<b>Prior Poor Birth Outcomes</b>							
Prior low birth weight or preterm delivery	✗	11.1	9.0 - 13.2	7,000	8.8	7.6 - 9.9	42,900
Prior delivery by c-section	♦	17.0	14.5 - 19.5	10,900	16.1	14.5 - 17.7	79,600
<b>Health Status</b>							
In good to excellent health before pregnancy	✗	90.1	88.3 - 92.0	57,900	92.2	91.1 - 93.4	456,300
Chronic conditions before or during pregnancy							
Diabetes or gestational diabetes	♦	13.0	10.7 - 15.2	8,200	11.3	10.0 - 12.7	55,400
Hypertension, preeclampsia or eclampsia	♦	9.3	7.4 - 11.3	5,800	8.5	7.5 - 9.6	41,200
Asthma	✗	10.1	8.2 - 12.1	6,300	8.0	6.9 - 9.1	38,700
<b>Nutrition and Weight</b>							
Daily folic acid use, month before pregnancy	✗	29.6	26.6 - 32.5	18,900	34.0	31.9 - 36.1	168,100
Overweight before pregnancy	♦	24.3	21.3 - 27.3	14,600	24.1	22.2 - 26.0	111,600
Obese before pregnancy	✗	27.6	24.5 - 30.7	16,500	18.3	16.6 - 19.9	84,600
Inadequate weight gain during pregnancy	♦	17.7	14.4 - 20.9	8,200	16.5	14.7 - 18.4	63,800
Excessive weight gain during pregnancy	✗	47.3	43.5 - 51.2	22,100	42.5	40.0 - 45.1	164,200
Food insecurity during pregnancy	✗	23.6	20.9 - 26.4	15,100	18.6	16.9 - 20.3	91,600
<b>Intimate Partner Violence (IPV) and Depressive Symptoms</b>							
Physical or psychological IPV during pregnancy	✗	11.3	9.3 - 13.3	7,200	8.8	7.5 - 10.2	43,400
Prenatal depressive symptoms	✗	23.2	20.4 - 26.0	14,900	16.4	14.7 - 18.1	81,200
Postpartum depressive symptoms	✗	19.5	16.8 - 22.1	12,400	16.0	14.3 - 17.6	78,800
<b>Hardships and Support during Pregnancy</b>							
Homeless or did not have a regular place to sleep	♦	3.9	2.7 - 5.1	2,500	3.7	3.0 - 4.5	18,100
Moved due to problems paying rent or mortgage	✗	10.8	8.8 - 12.8	6,800	7.5	6.4 - 8.6	36,600
Woman or partner lost job	♦	17.9	15.4 - 20.4	11,200	17.3	15.7 - 18.9	84,200
Woman or partner had pay or hours cut back	♦	15.9	13.6 - 18.1	9,900	14.3	12.8 - 15.8	69,500
Became separated or divorced	✗	12.6	10.3 - 14.9	8,000	7.9	6.8 - 9.0	38,600
Had no practical or emotional support	✗	8.4	6.5 - 10.2	5,400	5.5	4.4 - 6.5	26,900
<b>Substance Use</b>							
Any smoking, 3 months before pregnancy	♦	12.3	10.1 - 14.6	7,900	11.9	10.6 - 13.3	58,700
Any smoking, 1st or 3rd trimester	♦	8.7	6.9 - 10.4	5,500	8.3	7.1 - 9.6	41,000
Any smoking, postpartum	♦	6.6	5.1 - 8.2	4,200	5.7	4.7 - 6.6	27,800
Any binge drinking, 3 months before pregnancy	♦	15.2	12.8 - 17.5	9,700	13.9	12.5 - 15.3	68,000
Any alcohol use, 1st or 3rd trimester	✓	17.1	14.6 - 19.6	11,000	20.9	19.1 - 22.6	102,000
<b>Pregnancy Intention and Family Planning</b>							
Mistimed or unwanted pregnancy	♦	34.1	31.0 - 37.2	21,800	30.9	28.8 - 33.0	152,500
Unsure of pregnancy intentions	♦	14.3	12.1 - 16.6	9,200	12.9	11.3 - 14.4	63,500
Postpartum birth control use	♦	90.9	88.8 - 93.0	53,100	89.8	88.1 - 91.5	395,800
<b>Infant Sleep and Breastfeeding</b>							
Placed infant on back to sleep	✗	71.6	68.6 - 74.7	45,000	76.1	74.1 - 78.1	366,400
Intended to breastfeed, before birth	✗	86.9	84.6 - 89.2	54,800	92.2	90.9 - 93.5	444,100
Intended to breastfeed exclusively, before birth	✗	53.2	49.8 - 56.5	33,500	62.0	59.9 - 64.2	298,800
Breastfeeding practices							
Any breastfeeding, 1 month after delivery	✗	71.1	67.9 - 74.3	43,800	82.7	81.0 - 84.4	393,200
Exclusive breastfeeding, 1 month after delivery	✗	36.8	33.6 - 40.0	22,200	41.9	39.7 - 44.1	196,500
Any breastfeeding, 3 months after delivery	✗	52.8	49.0 - 56.6	25,400	64.9	62.4 - 67.5	245,000
Exclusive breastfeeding, 3 months after delivery	✗	22.1	19.1 - 25.1	10,400	26.5	24.3 - 28.7	98,600



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↑ higher than rest of California ↓ lower than rest of California ♦ no statistical difference

		San Joaquin Valley			California		
		%	95% CI	Population Estimate	%	95% CI	Population Estimate
<b>Health Care Utilization and Public Program Participation</b>							
Had a usual source of pre-pregnancy care	♦	69.7	66.6 - 72.7	44,700	72.0	70.1 - 74.0	356,600
Initiated prenatal care in 1st trimester †	♦	87.2	85.0 - 89.4	55,100	88.0	86.6 - 89.4	430,000
Had a dental visit during pregnancy	↓	32.7	29.7 - 35.7	20,900	42.1	40.0 - 44.3	208,300
Had a postpartum medical visit	↓	84.1	81.5 - 86.6	53,700	88.3	87.0 - 89.7	434,500
Mom or infant needed but couldn't afford care postpartum	♦	15.9	13.5 - 18.4	10,000	14.8	13.2 - 16.4	71,500
Participated in WIC during pregnancy	↑	71.8	69.4 - 74.1	45,400	55.6	54.1 - 57.1	269,800
Received CalFresh (food stamps) during pregnancy	↑	40.2	37.0 - 43.4	25,600	24.7	23.0 - 26.5	121,900
<b>Health Insurance Coverage</b>							
Pre-pregnancy insurance							
Medi-Cal	↑	37.0	33.8 - 40.1	23,700	24.5	22.7 - 26.3	120,700
Uninsured	♦	27.4	24.4 - 30.5	17,600	24.7	22.9 - 26.4	121,500
Private	↓	33.3	30.4 - 36.1	21,300	47.0	45.2 - 48.7	231,300
Prenatal insurance							
Medi-Cal	↑	66.7	63.9 - 69.4	42,700	49.8	48.2 - 51.5	246,200
Uninsured	♦	1.0	0.4 - 1.6	600	1.7	1.2 - 2.1	8,200
Private	↓	29.4	26.8 - 32.1	18,900	43.5	41.8 - 45.1	214,800
Maternal postpartum insurance							
Medi-Cal	↑	48.5	45.4 - 51.7	30,800	34.6	32.8 - 36.5	169,700
Uninsured	♦	18.6	15.9 - 21.2	11,800	16.7	15.2 - 18.1	81,600
Private	↓	30.4	27.6 - 33.1	19,300	45.1	43.4 - 46.8	221,000
Infant health insurance							
Medi-Cal	↑	64.4	61.5 - 67.3	40,700	49.2	47.4 - 51.0	237,400
Healthy Families	♦	5.8	4.1 - 7.5	3,700	5.1	4.2 - 6.1	24,800
Uninsured	♦	2.1	1.2 - 2.9	1,300	2.4	1.5 - 3.3	11,800
Private	↓	26.0	23.5 - 28.6	16,400	40.7	39.0 - 42.4	196,200
<b>Maternal Demographics</b>							
Age							
15-19	↑	10.5	8.4 - 12.6	6,800	7.0	5.8 - 8.2	34,500
20-34	↑	77.4	74.6 - 80.3	49,700	74.0	72.0 - 76.1	366,900
35+	↓	12.0	9.9 - 14.2	7,700	19.0	17.2 - 20.8	94,100
Did not complete high school (or GED)	↑	22.1	19.4 - 24.8	14,100	18.2	16.4 - 19.9	89,700
Unmarried	↑	51.1	47.9 - 54.4	32,600	41.7	39.7 - 43.6	205,400
Race/Ethnicity							
Hispanic	↑	60.8	57.9 - 63.7	38,700	50.1	48.2 - 52.0	242,700
Black	↓	4.7	3.9 - 5.6	3,000	5.8	5.2 - 6.5	28,300
White	↓	25.5	23.0 - 28.0	16,200	28.7	26.9 - 30.5	139,000
Asian/Pacific Islander	↓	8.1	6.2 - 10.1	5,200	14.8	13.2 - 16.5	71,900
Nativity and Language							
Born outside the U.S.	↓	32.3	29.1 - 35.5	20,700	39.3	37.2 - 41.5	194,800
Speaks non-English language at home	♦	29.0	25.9 - 32.0	18,400	30.8	28.8 - 32.8	150,100
Income as a percent of the Federal Poverty Guideline							
0-100%	↑	56.3	53.0 - 59.5	33,900	43.4	41.5 - 45.3	198,900
101-200%	↑	21.7	18.8 - 24.7	13,100	18.6	16.9 - 20.3	85,200
>200%	↓	22.0	19.6 - 24.5	13,300	38.0	36.2 - 39.8	174,200

† In 2012, the measure changed for this indicator and is not comparable to prior years (see Technical Document).

Notes: MIHA is an annual population-based survey of California resident women with a live birth in 2012, with a sample size of 6,810. The sample size of San Joaquin Valley was 1,442. Percent (%), 95% confidence interval (95% CI) and estimated number of women in the population with the health indicator/characteristic (N), i.e., numerator of the percent rounded to the nearest hundred, are weighted to represent all women with a live birth in California and the region in 2012. Symbols indicate whether the health indicator in the region was statistically different from the rest of the state (p-value <0.05, chi-square test). Prior poor birth outcomes are presented for all women. See the Technical Document for information on weighting, comparability to prior years and technical definitions.

MIHA is a collaborative effort of the Maternal, Child and Adolescent Health and WIC Programs of the Center for Family Health, California Department of Public Health and the Center on Social Disparities in Health at the University of California, San Francisco. Visit the MIHA website at [www.cdph.ca.gov/MIHA](http://www.cdph.ca.gov/MIHA).