

# MIHA Snapshot, San Joaquin Valley 2011

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	◆	10.5	8.5 - 12.6	6,600	8.4	7.3 - 9.6	41,000
Prior delivery by c-section	◆	16.8	14.4 - 19.3	10,900	15.9	14.1 - 17.6	78,200
<b>Health Status</b>							
In good to excellent health before pregnancy†	✗	88.7	86.7 - 90.7	57,300	91.3	90.0 - 92.5	449,300
Chronic conditions before or during pregnancy							
Diabetes or gestational diabetes	◆	11.4	9.5 - 13.4	7,300	10.3	8.9 - 11.6	50,100
Hypertension, preeclampsia or eclampsia	✗	12.2	10.2 - 14.3	7,600	9.2	8.0 - 10.3	44,100
Asthma	◆	10.0	8.1 - 11.9	6,300	8.5	7.4 - 9.6	41,100
<b>Nutrition and Weight</b>							
Daily folic acid use, month before pregnancy	✗	28.2	25.4 - 30.9	18,200	34.4	32.3 - 36.4	168,600
Overweight before pregnancy	◆	26.4	23.5 - 29.3	15,600	26.1	24.1 - 28.1	120,100
Obese before pregnancy	✗	24.4	21.6 - 27.2	14,400	18.5	16.7 - 20.3	85,100
Inadequate weight gain during pregnancy	◆	15.6	13.0 - 18.2	7,000	16.8	15.0 - 18.6	63,300
Excessive weight gain during pregnancy	✗	49.6	45.9 - 53.3	22,400	43.9	41.5 - 46.2	165,500
Food insecurity during pregnancy	✗	23.6	20.9 - 26.3	15,200	18.4	16.8 - 19.9	90,200
<b>Intimate Partner Violence (IPV) and Depressive Symptoms</b>							
Physical IPV in the year before pregnancy	✗	4.8	3.4 - 6.2	3,100	3.2	2.5 - 3.9	15,900
Physical or psychological IPV during pregnancy	✗	11.3	9.2 - 13.3	7,300	7.7	6.7 - 8.7	37,700
Prenatal depressive symptoms	✗	19.9	17.3 - 22.5	12,800	15.2	13.6 - 16.8	74,900
Postpartum depressive symptoms	✗	16.9	14.5 - 19.3	10,900	13.5	12.1 - 14.9	66,400
<b>Hardships and Support during Pregnancy</b>							
Homeless or did not have a regular place to sleep	✗	4.8	3.4 - 6.2	3,100	3.0	2.4 - 3.5	14,500
Moved due to problems paying rent or mortgage	✗	9.3	7.5 - 11.1	6,000	7.4	6.4 - 8.4	36,300
Woman or partner lost job	◆	17.7	15.3 - 20.2	11,400	17.2	15.6 - 18.9	84,100
Woman or partner had pay or hours cut back	◆	14.9	12.8 - 17.0	9,600	16.6	15.0 - 18.2	80,900
Became separated or divorced	✗	12.8	10.7 - 14.9	8,200	7.5	6.6 - 8.5	36,900
Had no practical or emotional support	✗	7.1	5.5 - 8.8	4,600	5.3	4.4 - 6.2	26,200
<b>Substance Use</b>							
Any smoking, 3 months before pregnancy	◆	14.5	12.2 - 16.7	9,300	12.3	11.0 - 13.5	60,000
Any smoking, 1st or 3rd trimester†	◆	9.7	8.0 - 11.4	6,200	8.1	7.1 - 9.1	39,500
Any smoking, postpartum	✗	8.9	6.9 - 10.8	5,700	6.3	5.5 - 7.1	30,800
Any binge drinking, 3 months before pregnancy	◆	12.4	10.3 - 14.4	7,900	13.1	11.9 - 14.4	64,200
Any alcohol use, 1st or 3rd trimester†	✓	14.4	12.3 - 16.5	9,200	19.6	17.9 - 21.2	95,900
<b>Pregnancy Intention and Family Planning</b>							
Mistimed or unwanted pregnancy†	◆	33.5	30.5 - 36.4	21,500	32.1	30.1 - 34.1	157,200
Unsure of pregnancy intentions†	✗	15.0	12.8 - 17.3	9,600	11.9	10.4 - 13.3	58,200
Postpartum birth control use†	◆	89.8	87.7 - 92.0	51,800	91.1	89.7 - 92.4	395,200
<b>Infant Sleep and Breastfeeding</b>							
Placed infant on back to sleep	◆	71.8	69.0 - 74.7	45,000	73.9	71.9 - 75.8	358,200
Intended to breastfeed, before birth	✗	88.6	86.7 - 90.6	56,000	92.1	91.0 - 93.2	448,400
Intended to breastfeed exclusively, before birth	✗	53.7	50.6 - 56.9	34,000	62.3	60.2 - 64.4	303,100
<b>Breastfeeding practices</b>							
Any breastfeeding, 1 month after delivery†	✗	73.0	70.1 - 75.9	44,900	81.7	80.0 - 83.4	391,400
Exclusive breastfeeding, 1 month after delivery†	✗	32.6	29.7 - 35.6	20,000	38.8	36.6 - 40.9	182,300
Any breastfeeding, 3 months after delivery†	✗	53.4	49.8 - 57.0	25,000	63.7	61.3 - 66.2	240,100
Exclusive breastfeeding, 3 months after delivery†	✗	19.0	16.2 - 21.8	8,900	23.1	21.1 - 25.1	86,000

↑ 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</b>							
Had a usual source of pre-pregnancy care	♦	72.9	70.2 - 75.7	47,100	72.2	70.2 - 74.1	355,300
Initiated prenatal care in 1st trimester†	↓	82.3	79.9 - 84.8	52,300	85.6	84.1 - 87.2	416,100
Had a postpartum medical visit	↓	84.8	82.5 - 87.0	54,600	88.6	87.3 - 90.0	435,300
Mom or infant needed but couldn't afford care postpartum	♦	15.0	12.7 - 17.2	9,400	13.0	11.5 - 14.5	62,600
<b>Public Program Participation and Health Insurance Coverage</b>							
Received CalFresh (food stamps) during pregnancy	↑	38.4	35.4 - 41.5	24,700	22.2	20.6 - 23.8	109,000
Pre-pregnancy insurance							
Medi-Cal†	↑	39.7	36.7 - 42.7	25,500	25.6	23.8 - 27.3	125,100
Uninsured†	♦	24.9	22.3 - 27.5	15,900	23.9	22.3 - 25.6	117,200
Private†	↓	32.0	29.3 - 34.6	20,500	46.4	44.7 - 48.1	227,000
Prenatal insurance							
Medi-Cal†	↑	66.5	63.8 - 69.1	42,900	50.4	48.8 - 51.9	247,500
Uninsured†	♦	2.0	1.1 - 2.9	1,300	1.9	1.2 - 2.5	9,200
Private†	↓	27.8	25.3 - 30.2	17,900	43.2	41.6 - 44.8	212,400
Maternal postpartum insurance							
Medi-Cal†	↑	49.3	46.3 - 52.3	31,600	35.5	33.8 - 37.3	173,900
Uninsured†	♦	18.0	15.7 - 20.4	11,600	17.4	15.9 - 18.8	85,000
Private†	↓	30.4	27.7 - 33.0	19,500	43.8	42.1 - 45.4	214,300
Infant health insurance							
Medi-Cal†	↑	62.2	59.3 - 65.0	39,300	49.5	47.9 - 51.2	240,500
Healthy Families†	↑	7.7	6.0 - 9.5	4,900	5.2	4.4 - 6.1	25,400
Uninsured†	♦	3.1	1.8 - 4.5	2,000	2.4	1.9 - 2.9	11,700
Private†	↓	24.5	22.1 - 27.0	15,500	39.4	37.8 - 41.0	191,200
<b>Maternal Demographics</b>							
Age							
15-19	↑	11.2	9.3 - 13.1	7,200	7.7	6.4 - 8.9	37,800
20-34	↑	76.9	74.4 - 79.5	49,800	73.8	71.9 - 75.7	364,100
35+	↓	11.9	9.9 - 13.8	7,700	18.5	16.9 - 20.2	91,500
Did not complete high school (or GED)	↑	25.4	22.7 - 28.1	16,400	20.6	18.9 - 22.3	101,000
Unmarried	↑	51.8	48.8 - 54.8	33,400	42.3	40.4 - 44.1	207,800
Race/Ethnicity							
Hispanic	↑	60.4	57.5 - 63.4	38,800	50.9	49.1 - 52.7	247,100
Black	↓	4.9	4.3 - 5.4	3,100	6.0	5.6 - 6.4	29,100
White	↓	26.0	23.3 - 28.6	16,700	29.1	27.4 - 30.7	141,200
Asian/Pacific Islander	↓	8.0	6.2 - 9.7	5,100	13.4	11.8 - 14.9	64,900
Nativity and Language							
Born outside the U.S.	↓	33.2	30.4 - 36.1	21,500	39.8	37.8 - 41.9	196,400
Speaks non-English language at home	♦	30.3	27.4 - 33.1	19,500	32.4	30.4 - 34.4	159,000
Income as a percent of the Federal Poverty Guideline							
0-100%	↑	57.6	54.6 - 60.6	34,600	43.8	42.0 - 45.6	198,400
101-200%	♦	19.3	16.6 - 21.9	11,600	19.0	17.2 - 20.8	86,000
>200%	↓	23.1	20.6 - 25.6	13,900	37.2	35.5 - 38.9	168,500

† In 2011, measures changed for these indicators and are not comparable to the same indicator in prior years (see 2011 Technical Document for specific changes).

Notes: MIHA is an annual population-based survey of California resident women with a live birth in 2011, with a sample size of 6,853. The sample size of San Joaquin Valley was 1544. Percent (%), 95% confidence interval (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 in California and the region in 2011. 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. Methods used to weight the data were different in 2011 than those used in prior years (see 2011 Technical Document for details on comparability with prior years and indicator 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).