



MIHA Snapshot, Southeastern California, 2012

Maternal and Infant Health Assessment (MIHA) Survey

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

	Southeastern California				California			
	%	95% CI		Population Estimate	%	95% CI		Population Estimate
Prior Poor Birth Outcomes								
Prior low birth weight or preterm delivery	✗	11.4	8.5 - 14.4	7,100	8.8	7.6 - 9.9	42,900	
Prior delivery by c-section	♦	17.3	13.9 - 20.7	10,900	16.1	14.5 - 17.7	79,600	
Health Status								
In good to excellent health before pregnancy	♦	91.0	88.5 - 93.6	57,200	92.2	91.1 - 93.4	456,300	
Chronic conditions before or during pregnancy								
Diabetes or gestational diabetes	♦	10.1	7.4 - 12.8	6,200	11.3	10.0 - 12.7	55,400	
Hypertension, preeclampsia or eclampsia	✗	11.0	8.1 - 13.9	6,700	8.5	7.5 - 9.6	41,200	
Asthma	♦	7.4	5.1 - 9.7	4,600	8.0	6.9 - 9.1	38,700	
Nutrition and Weight								
Daily folic acid use, month before pregnancy	♦	33.4	29.1 - 37.7	21,000	34.0	31.9 - 36.1	168,100	
Overweight before pregnancy	♦	26.4	22.4 - 30.3	15,600	24.1	22.2 - 26.0	111,600	
Obese before pregnancy	♦	19.6	16.0 - 23.3	11,700	18.3	16.6 - 19.9	84,600	
Inadequate weight gain during pregnancy	♦	15.5	11.9 - 19.1	7,500	16.5	14.7 - 18.4	63,800	
Excessive weight gain during pregnancy	♦	46.1	41.1 - 51.2	22,200	42.5	40.0 - 45.1	164,200	
Food insecurity during pregnancy	♦	17.4	14.1 - 20.7	10,900	18.6	16.9 - 20.3	91,600	
Intimate Partner Violence (IPV) and Depressive Symptoms								
Physical or psychological IPV during pregnancy	♦	8.4	6.1 - 10.8	5,300	8.8	7.5 - 10.2	43,400	
Prenatal depressive symptoms	♦	17.3	14.1 - 20.4	10,900	16.4	14.7 - 18.1	81,200	
Postpartum depressive symptoms	♦	14.2	11.2 - 17.2	8,900	16.0	14.3 - 17.6	78,800	
Hardships and Support during Pregnancy								
Homeless or did not have a regular place to sleep	♦	3.8	2.1 - 5.5	2,300	3.7	3.0 - 4.5	18,100	
Moved due to problems paying rent or mortgage	♦	8.6	6.2 - 11.0	5,300	7.5	6.4 - 8.6	36,600	
Woman or partner lost job	♦	18.4	15.0 - 21.7	11,300	17.3	15.7 - 18.9	84,200	
Woman or partner had pay or hours cut back	♦	13.6	10.7 - 16.5	8,400	14.3	12.8 - 15.8	69,500	
Became separated or divorced	✗	10.6	7.9 - 13.3	6,500	7.9	6.8 - 9.0	38,600	
Had no practical or emotional support	♦	4.0	2.3 - 5.8	2,500	5.5	4.4 - 6.5	26,900	
Substance Use								
Any smoking, 3 months before pregnancy	♦	14.3	11.3 - 17.3	8,900	11.9	10.6 - 13.3	58,700	
Any smoking, 1st or 3rd trimester	♦	9.2	6.8 - 11.7	5,800	8.3	7.1 - 9.6	41,000	
Any smoking, postpartum	✗	8.0	5.7 - 10.3	5,000	5.7	4.7 - 6.6	27,800	
Any binge drinking, 3 months before pregnancy	♦	13.7	10.7 - 16.6	8,500	13.9	12.5 - 15.3	68,000	
Any alcohol use, 1st or 3rd trimester	✓	15.8	12.6 - 18.9	9,800	20.9	19.1 - 22.6	102,000	
Pregnancy Intention and Family Planning								
Mistimed or unwanted pregnancy	♦	30.7	26.7 - 34.6	19,200	30.9	28.8 - 33.0	152,500	
Unsure of pregnancy intentions	♦	15.5	12.3 - 18.7	9,700	12.9	11.3 - 14.4	63,500	
Postpartum birth control use	♦	90.8	88.1 - 93.4	52,700	89.8	88.1 - 91.5	395,800	
Infant Sleep and Breastfeeding								
Placed infant on back to sleep	♦	76.5	72.7 - 80.2	46,700	76.1	74.1 - 78.1	366,400	
Intended to breastfeed, before birth	♦	91.5	89.0 - 94.0	55,800	92.2	90.9 - 93.5	444,100	
Intended to breastfeed exclusively, before birth	♦	60.1	55.7 - 64.5	36,700	62.0	59.9 - 64.2	298,800	
Breastfeeding practices								
Any breastfeeding, 1 month after delivery	✗	76.3	72.4 - 80.2	46,200	82.7	81.0 - 84.4	393,200	
Exclusive breastfeeding, 1 month after delivery	♦	40.0	35.5 - 44.5	23,800	41.9	39.7 - 44.1	196,500	
Any breastfeeding, 3 months after delivery	✗	55.3	50.3 - 60.3	27,200	64.9	62.4 - 67.5	245,000	
Exclusive breastfeeding, 3 months after delivery	✗	19.7	15.6 - 23.7	9,400	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

		Southeastern California			California		
		%	95% CI	Population Estimate	%	95% CI	Population Estimate
Health Care Utilization and Public Program Participation							
Had a usual source of pre-pregnancy care	↓	65.6	61.5 - 69.8	41,300	72.0	70.1 - 74.0	356,600
Initiated prenatal care in 1st trimester †	↓	84.7	81.4 - 87.9	52,700	88.0	86.6 - 89.4	430,000
Had a dental visit during pregnancy	↓	33.0	28.9 - 37.1	20,700	42.1	40.0 - 44.3	208,300
Had a postpartum medical visit	↓	84.6	81.4 - 87.8	53,300	88.3	87.0 - 89.7	434,500
Mom or infant needed but couldn't afford care postpartum	♦	16.1	12.9 - 19.3	9,800	14.8	13.2 - 16.4	71,500
Participated in WIC during pregnancy	↑	60.8	58.1 - 63.5	37,900	55.6	54.1 - 57.1	269,800
Received CalFresh (food stamps) during pregnancy	♦	28.2	24.5 - 31.9	17,800	24.7	23.0 - 26.5	121,900
Health Insurance Coverage							
Pre-pregnancy insurance							
Medi-Cal	♦	25.3	21.7 - 29.0	15,900	24.5	22.7 - 26.3	120,700
Uninsured	↑	31.1	27.2 - 35.0	19,600	24.7	22.9 - 26.4	121,500
Private	↓	38.9	35.4 - 42.4	24,500	47.0	45.2 - 48.7	231,300
Prenatal insurance							
Medi-Cal	↑	55.9	52.5 - 59.4	35,200	49.8	48.2 - 51.5	246,200
Uninsured	↑	3.7	2.1 - 5.3	2,300	1.7	1.2 - 2.1	8,200
Private	↓	34.1	30.7 - 37.4	21,400	43.5	41.8 - 45.1	214,800
Maternal postpartum insurance							
Medi-Cal	↑	38.6	34.7 - 42.5	24,300	34.6	32.8 - 36.5	169,700
Uninsured	↑	20.2	16.8 - 23.7	12,700	16.7	15.2 - 18.1	81,600
Private	↓	36.5	33.0 - 40.1	23,000	45.1	43.4 - 46.8	221,000
Infant health insurance							
Medi-Cal	↑	56.0	52.4 - 59.6	34,000	49.2	47.4 - 51.0	237,400
Healthy Families	♦	5.0	3.1 - 7.0	3,100	5.1	4.2 - 6.1	24,800
Uninsured	♦	2.5	1.3 - 3.8	1,500	2.4	1.5 - 3.3	11,800
Private	↓	32.9	29.5 - 36.4	20,000	40.7	39.0 - 42.4	196,200
Maternal Demographics							
Age							
15-19	♦	9.2	6.5 - 11.9	5,800	7.0	5.8 - 8.2	34,500
20-34	♦	77.1	73.2 - 80.9	48,600	74.0	72.0 - 76.1	366,900
35+	↓	13.8	10.7 - 16.9	8,700	19.0	17.2 - 20.8	94,100
Did not complete high school (or GED)	↑	22.0	18.2 - 25.7	13,800	18.2	16.4 - 19.9	89,700
Unmarried	♦	43.3	39.1 - 47.4	27,100	41.7	39.7 - 43.6	205,400
Race/Ethnicity							
Hispanic	↑	60.0	56.2 - 63.8	37,600	50.1	48.2 - 52.0	242,700
Black	↑	7.2	6.1 - 8.3	4,500	5.8	5.2 - 6.5	28,300
White	♦	25.9	22.3 - 29.4	16,200	28.7	26.9 - 30.5	139,000
Asian/Pacific Islander	↓	6.3	3.7 - 8.8	3,900	14.8	13.2 - 16.5	71,900
Nativity and Language							
Born outside the U.S.	↓	29.9	25.7 - 34.0	18,800	39.3	37.2 - 41.5	194,800
Speaks non-English language at home	↓	24.6	20.8 - 28.5	15,500	30.8	28.8 - 32.8	150,100
Income as a percent of the Federal Poverty Guideline							
0-100%	↑	47.9	43.9 - 51.9	27,800	43.4	41.5 - 45.3	198,900
101-200%	♦	21.8	18.1 - 25.6	12,700	18.6	16.9 - 20.3	85,200
>200%	↓	30.3	26.8 - 33.7	17,600	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 Southeastern California was 839. 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.