

# MIHA Snapshot, Fresno County 2010

Maternal and Infant Health Assessment (MIHA) Survey



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

		Fresno County			California		
		%	95% CI	Population Estimate	%	95% CI	Population Estimate
<b>Prior Poor Birth Outcomes</b>							
Prior low birth weight or preterm delivery	♦	9.0	5.5 - 12.5	1,400	9.6	8.4 - 10.9	48,100
Prior delivery by c-section	♦	13.5	9.4 - 17.5	2,200	16.6	14.9 - 18.3	83,200
<b>Health Status</b>							
In excellent/good health before pregnancy	♦	90.5	86.7 - 94.2	14,500	89.0	87.7 - 90.4	445,300
Chronic conditions before or during pregnancy							
Diabetes or gestational diabetes	♦	11.8	7.7 - 15.9	1,900	12.1	10.7 - 13.4	60,200
Hypertension, preeclampsia or eclampsia	♦	11.1	7.1 - 15.0	1,700	10.0	8.8 - 11.3	49,100
Asthma	♦	9.9	6.4 - 13.4	1,600	7.1	6.2 - 8.0	35,300
<b>Nutrition and Weight</b>							
Daily folic acid use, month before pregnancy	♦	29.4	24.2 - 34.7	4,700	33.1	31.2 - 35.0	165,500
Overweight before pregnancy	✗	31.8	25.8 - 37.8	4,800	25.1	23.2 - 27.0	116,400
Obese before pregnancy	♦	22.3	17.1 - 27.6	3,400	20.0	18.3 - 21.8	92,800
Inadequate weight gain during pregnancy	♦	22.9	16.4 - 29.3	2,500	17.9	16.0 - 19.7	68,000
Excessive weight gain during pregnancy	♦	36.6	29.3 - 43.9	4,000	43.5	41.2 - 45.9	165,800
Food insecurity during pregnancy	✗	24.7	19.2 - 30.1	3,900	18.8	17.2 - 20.4	93,900
<b>Intimate Partner Violence (IPV) and Depression</b>							
Physical IPV in the year before pregnancy	♦	1.6	0.2 - 2.9	300	2.8	2.1 - 3.5	14,200
Physical or psychological IPV during pregnancy	♦	8.7	5.2 - 12.2	1,400	7.3	6.3 - 8.4	36,400
Prenatal depression	♦	19.7	14.6 - 24.8	3,100	15.0	13.5 - 16.4	74,700
Postpartum depression	♦	17.2	12.4 - 21.9	2,800	13.4	11.9 - 14.8	66,900
<b>Hardships and Support during Pregnancy</b>							
Had "a lot" of unpaid bills	♦	22.2	17.0 - 27.4	3,500	21.5	19.8 - 23.1	106,800
Moved	♦	29.4	23.9 - 35.0	4,700	28.8	27.0 - 30.7	143,700
Woman or partner lost job	♦	18.6	13.8 - 23.3	2,900	19.7	18.1 - 21.4	97,700
Became separated or divorced	♦	9.6	6.0 - 13.2	1,500	8.1	6.9 - 9.2	40,200
Had no practical or emotional support	♦	7.1	3.8 - 10.5	1,100	5.8	4.8 - 6.7	28,800
<b>Substance Use</b>							
Any smoking, 3 months before pregnancy	♦	9.5	6.3 - 12.8	1,500	12.5	11.2 - 13.7	62,000
Any smoking, 1st or 3rd trimester	♦	5.5	2.9 - 8.0	900	5.6	4.9 - 6.4	28,100
Any binge drinking, 3 months before pregnancy	♦	14.1	10.0 - 18.2	2,200	15.0	13.5 - 16.5	74,200
Any alcohol use, 1st or 3rd trimester	✓	7.0	4.3 - 9.7	1,100	12.1	10.8 - 13.4	60,400
<b>Postpartum Discussions with Provider</b>							
Discussed birth spacing	♦	43.8	36.9 - 50.7	5,500	39.4	37.1 - 41.7	158,400
Discussed postpartum birth control	♦	91.7	88.3 - 95.2	14,700	87.6	86.0 - 89.1	432,900
<b>Infant Sleep and Breastfeeding</b>							
Placed infant on back to sleep	♦	74.4	69.0 - 79.8	11,500	74.4	72.5 - 76.4	360,100
Intended to breastfeed, before birth	✗	80.4	75.2 - 85.5	12,600	91.3	90.2 - 92.5	449,300
Intended to breastfeed exclusively, before birth	✗	43.9	38.3 - 49.5	6,900	60.6	58.6 - 62.6	298,200
Breastfeeding practices							
Any breastfeeding, 1 month after delivery	✗	60.5	54.4 - 66.6	9,500	77.7	76.0 - 79.4	380,600
Exclusive breastfeeding, 1 month after delivery	✗	28.4	23.3 - 33.5	4,500	46.4	44.4 - 48.4	227,200
Any breastfeeding, 3 months after delivery	✗	45.6	38.1 - 53.2	4,600	59.5	57.0 - 61.9	211,000
Exclusive breastfeeding, 3 months after delivery	✗	18.3	13.1 - 23.6	1,900	31.6	29.4 - 33.8	112,100
<b>Health Care Utilization and Coverage</b>							
Mom uninsured before pregnancy	♦	20.3	15.4 - 25.2	3,200	20.4	18.8 - 22.0	100,400
Had a usual source of pre-pregnancy care	♦	72.8	67.4 - 78.2	11,600	72.8	71.0 - 74.6	363,300
Initiated prenatal care in 1st trimester	♦	85.4	80.8 - 90.0	13,500	89.1	87.8 - 90.4	441,600
Had a postpartum medical visit	♦	82.4	77.6 - 87.2	13,100	85.9	84.4 - 87.3	427,300
Mom or infant needed but couldn't afford care postpartum	✓	8.4	5.1 - 11.7	1,300	14.0	12.5 - 15.5	68,600

	Fresno County			California		
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<b>Public Program Participation</b>						
Participated in WIC during pregnancy	72.2	69.3 - 75.1	11,500	55.1	54.1 - 56.2	275,400
Received CalFresh (food stamps) during pregnancy	47.1	41.5 - 52.8	7,500	22.4	20.9 - 24.0	111,700
<b>Health Insurance Coverage</b>						
Pre-pregnancy insurance						
Medi-Cal	47.5	41.7 - 53.3	7,500	29.7	28.0 - 31.5	146,300
Uninsured	20.3	15.4 - 25.2	3,200	20.4	18.8 - 22.0	100,400
Private or other	32.2	27.9 - 36.5	5,100	49.8	48.3 - 51.4	245,200
Prenatal insurance						
Medi-Cal	70.0	65.9 - 74.0	11,200	52.0	50.5 - 53.5	259,800
Uninsured	3.6	1.1 - 6.2	600	2.9	2.2 - 3.7	14,700
Private or other	26.4	23.1 - 29.7	4,200	45.1	43.7 - 46.5	225,100
Maternal postpartum insurance						
Medi-Cal	55.2	49.9 - 60.6	8,700	35.3	33.6 - 37.1	173,600
Uninsured	14.9	10.4 - 19.3	2,400	17.3	15.7 - 18.8	84,900
Private or other	29.9	26.2 - 33.7	4,700	47.4	45.9 - 48.9	232,900
Infant health insurance						
Medi-Cal	67.9	63.5 - 72.2	10,500	49.0	47.3 - 50.6	237,900
Healthy Families	2.2	0.6 - 3.8	300	3.8	3.1 - 4.6	18,600
Uninsured	*			3.4	2.5 - 4.3	16,700
Private or other	27.7	23.9 - 31.5	4,300	43.8	42.3 - 45.3	212,800
<b>Maternal Demographics</b>						
Age						
15-19	14.0	9.6 - 18.4	2,200	8.9	7.7 - 10.0	44,400
20-34	76.9	71.6 - 82.1	12,300	71.8	69.9 - 73.8	360,000
35+	9.2	5.7 - 12.6	1,500	19.3	17.6 - 21.0	96,800
Did not complete high school (or GED)	29.6	23.9 - 35.3	4,700	20.4	18.8 - 22.0	101,900
Unmarried	52.9	47.3 - 58.4	8,400	42.7	40.9 - 44.6	213,500
Race/Ethnicity						
Hispanic	64.1	59.1 - 69.2	10,000	50.6	48.9 - 52.2	249,000
Black	5.8	5.5 - 6.1	900	6.0	5.8 - 6.2	29,500
White	19.7	15.9 - 23.5	3,100	29.3	27.8 - 30.8	144,200
Asian/Pacific Islander	9.1	5.2 - 13.0	1,400	13.7	12.2 - 15.2	67,600
Nativity and Language						
Born outside the U.S.	32.4	26.6 - 38.2	5,200	41.4	39.4 - 43.3	207,300
Speaks non-English language at home	29.5	23.8 - 35.2	4,700	33.5	31.6 - 35.5	167,000
Income as a percent of the Federal Poverty Guideline						
0-100%	58.4	53.2 - 63.6	8,700	44.0	42.3 - 45.7	206,700
101-200%	21.2	15.9 - 26.4	3,200	20.0	18.3 - 21.7	94,100
201-300%	6.6	3.9 - 9.2	1,000	8.0	7.0 - 9.1	37,800
301-400%	2.6	1.1 - 4.1	400	6.5	5.6 - 7.4	30,400
>400%	11.3	8.7 - 13.9	1,700	21.5	20.1 - 22.8	100,800

\* Due to frequency < 10 women, data are not presented.

**Notes:** MIHA is an annual population-based survey of California resident women with a live birth in 2010, with a sample size of 6,817. 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 county in 2010. Symbols indicate whether the health indicator in the county was statistically different from the rest of the state (p-value < 0.05, chi-square test). Statistical comparisons were not conducted for demographics, health insurance, or public program participation. Prior low birth weight (<2,500 g) or preterm delivery (<37 weeks gestation) is presented for all women. More information on MIHA and the indicators above is on the MIHA website.

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).