

# MIHA Snapshot, San Francisco County 2010

Maternal and Infant Health Assessment (MIHA) Survey



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

	San Francisco County			California			
	%	95% CI	Population Estimate	%	95% CI	Population Estimate	
<b>Prior Poor Birth Outcomes</b>							
Prior low birth weight or preterm delivery	✓	4.6	2.2 - 7.0	400	9.6	8.4 - 10.9	48,100
Prior delivery by c-section	✓	9.2	4.8 - 13.6	800	16.6	14.9 - 18.3	83,200
<b>Health Status</b>							
In excellent/good health before pregnancy	✓	95.1	93.3 - 97.0	8,200	89.0	87.7 - 90.4	445,300
Chronic conditions before or during pregnancy							
Diabetes or gestational diabetes	✓	7.0	3.5 - 10.4	600	12.1	10.7 - 13.4	60,200
Hypertension, preeclampsia or eclampsia	♦	10.8	6.6 - 15.0	900	10.0	8.8 - 11.3	49,100
Asthma	♦	5.2	2.1 - 8.4	400	7.1	6.2 - 8.0	35,300
<b>Nutrition and Weight</b>							
Daily folic acid use, month before pregnancy	✓	44.6	37.1 - 52.1	3,800	33.1	31.2 - 35.0	165,500
Overweight before pregnancy	✓	14.0	8.8 - 19.2	1,100	25.1	23.2 - 27.0	116,400
Obese before pregnancy	✓	9.6	5.7 - 13.6	800	20.0	18.3 - 21.8	92,800
Inadequate weight gain during pregnancy	♦	14.3	8.8 - 19.8	1,000	17.9	16.0 - 19.7	68,000
Excessive weight gain during pregnancy	♦	39.9	31.6 - 48.1	2,900	43.5	41.2 - 45.9	165,800
Food insecurity during pregnancy	✓	9.6	7.1 - 12.1	800	18.8	17.2 - 20.4	93,900
<b>Intimate Partner Violence (IPV) and Depression</b>							
Physical IPV in the year before pregnancy		*			2.8	2.1 - 3.5	14,200
Physical or psychological IPV during pregnancy		*			7.3	6.3 - 8.4	36,400
Prenatal depression	✓	9.1	5.7 - 12.5	800	15.0	13.5 - 16.4	74,700
Postpartum depression	✓	5.6	2.6 - 8.6	500	13.4	11.9 - 14.8	66,900
<b>Hardships and Support during Pregnancy</b>							
Had "a lot" of unpaid bills	✓	8.7	5.8 - 11.5	700	21.5	19.8 - 23.1	106,800
Moved	✓	20.6	14.7 - 26.4	1,800	28.8	27.0 - 30.7	143,700
Woman or partner lost job	♦	18.7	13.4 - 24.0	1,600	19.7	18.1 - 21.4	97,700
Became separated or divorced	✓	3.4	1.7 - 5.0	300	8.1	6.9 - 9.2	40,200
Had no practical or emotional support	♦	5.7	2.1 - 9.3	500	5.8	4.8 - 6.7	28,800
<b>Substance Use</b>							
Any smoking, 3 months before pregnancy	♦	10.8	6.8 - 14.8	900	12.5	11.2 - 13.7	62,000
Any smoking, 1st or 3rd trimester	♦	5.1	2.5 - 7.8	400	5.6	4.9 - 6.4	28,100
Any binge drinking, 3 months before pregnancy	♦	18.6	12.6 - 24.7	1,600	15.0	13.5 - 16.5	74,200
Any alcohol use, 1st or 3rd trimester	✗	32.9	25.7 - 40.1	2,800	12.1	10.8 - 13.4	60,400
<b>Postpartum Discussions with Provider</b>							
Discussed birth spacing	♦	46.2	38.0 - 54.3	3,400	39.4	37.1 - 41.7	158,400
Discussed postpartum birth control	♦	91.7	87.4 - 96.0	7,800	87.6	86.0 - 89.1	432,900
<b>Infant Sleep and Breastfeeding</b>							
Placed infant on back to sleep	✓	84.6	79.5 - 89.7	7,200	74.4	72.5 - 76.4	360,100
Intended to breastfeed, before birth	✓	98.1	97.0 - 99.3	8,400	91.3	90.2 - 92.5	449,300
Intended to breastfeed exclusively, before birth	✓	71.6	65.0 - 78.2	6,100	60.6	58.6 - 62.6	298,200
<b>Breastfeeding practices</b>							
Any breastfeeding, 1 month after delivery	✓	93.1	90.7 - 95.6	8,000	77.7	76.0 - 79.4	380,600
Exclusive breastfeeding, 1 month after delivery	✓	60.5	53.4 - 67.7	5,200	46.4	44.4 - 48.4	227,200
Any breastfeeding, 3 months after delivery	✓	84.3	79.1 - 89.5	5,500	59.5	57.0 - 61.9	211,000
Exclusive breastfeeding, 3 months after delivery	✓	49.1	40.6 - 57.6	3,200	31.6	29.4 - 33.8	112,100
<b>Health Care Utilization and Coverage</b>							
Mom uninsured before pregnancy	✓	10.4	8.0 - 12.7	900	20.4	18.8 - 22.0	100,400
Had a usual source of pre-pregnancy care	♦	78.3	72.7 - 83.8	6,700	72.8	71.0 - 74.6	363,300
Initiated prenatal care in 1st trimester	✓	93.7	90.9 - 96.4	7,700	89.1	87.8 - 90.4	441,600
Had a postpartum medical visit	✓	91.0	87.5 - 94.5	7,800	85.9	84.4 - 87.3	427,300
Mom or infant needed but couldn't afford care postpartum	✓	5.7	4.0 - 7.4	500	14.0	12.5 - 15.5	68,600

	San Francisco County			California		
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<b>Public Program Participation</b>						
Participated in WIC during pregnancy	31.2	26.9 - 35.4	2,700	55.1	54.1 - 56.2	275,400
Received CalFresh (food stamps) during pregnancy	9.8	7.5 - 12.1	800	22.4	20.9 - 24.0	111,700
<b>Health Insurance Coverage</b>						
Pre-pregnancy insurance						
Medi-Cal	17.6	13.6 - 21.7	1,500	29.7	28.0 - 31.5	146,300
Uninsured	10.4	8.0 - 12.7	900	20.4	18.8 - 22.0	100,400
Private or other	72.0	68.1 - 75.9	6,100	49.8	48.3 - 51.4	245,200
Prenatal insurance						
Medi-Cal	31.5	27.3 - 35.7	2,700	52.0	50.5 - 53.5	259,800
Uninsured	*			2.9	2.2 - 3.7	14,700
Private or other	65.7	61.4 - 70.1	5,600	45.1	43.7 - 46.5	225,100
Maternal postpartum insurance						
Medi-Cal	24.2	19.8 - 28.6	2,100	35.3	33.6 - 37.1	173,600
Uninsured	8.4	5.6 - 11.2	700	17.3	15.7 - 18.8	84,900
Private or other	67.4	62.8 - 72.0	5,800	47.4	45.9 - 48.9	232,900
Infant health insurance						
Medi-Cal	27.3	23.8 - 30.8	2,300	49.0	47.3 - 50.6	237,900
Healthy Families	3.2	1.9 - 4.6	300	3.8	3.1 - 4.6	18,600
Uninsured	*			3.4	2.5 - 4.3	16,700
Private or other	67.4	63.6 - 71.1	5,700	43.8	42.3 - 45.3	212,800
<b>Maternal Demographics</b>						
Age						
15-19	*			8.9	7.7 - 10.0	44,400
20-34	59.3	52.0 - 66.7	5,100	71.8	69.9 - 73.8	360,000
35+	38.7	31.4 - 46.1	3,300	19.3	17.6 - 21.0	96,800
Did not complete high school (or GED)						
Unmarried	12.4	9.3 - 15.4	1,100	20.4	18.8 - 22.0	101,900
Unmarried						
25.6	20.7 - 30.5	2,200	42.7	40.9 - 44.6	213,500	
Race/Ethnicity						
Hispanic	21.7	17.1 - 26.3	1,900	50.6	48.9 - 52.2	249,000
Black	5.9	5.3 - 6.5	500	6.0	5.8 - 6.2	29,500
White	36.5	29.3 - 43.6	3,100	29.3	27.8 - 30.8	144,200
Asian/Pacific Islander	35.9	28.4 - 43.4	3,100	13.7	12.2 - 15.2	67,600
Nativity and Language						
Born outside the U.S.	50.3	43.0 - 57.6	4,300	41.4	39.4 - 43.3	207,300
Speaks non-English language at home	31.4	25.3 - 37.4	2,600	33.5	31.6 - 35.5	167,000
Income as a percent of the Federal Poverty Guideline						
0-100%	26.2	21.8 - 30.6	2,100	44.0	42.3 - 45.7	206,700
101-200%	12.8	8.0 - 17.6	1,000	20.0	18.3 - 21.7	94,100
201-300%	5.5	2.0 - 9.0	400	8.0	7.0 - 9.1	37,800
301-400%	*			6.5	5.6 - 7.4	30,400
>400%	50.8	44.2 - 57.3	4,100	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).