

MIHA Snapshot, Orange County 2010

Maternal and Infant Health Assessment (MIHA) Survey



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

		Orange County			California		
		%	95% CI	Population Estimate	%	95% CI	Population Estimate
Prior Poor Birth Outcomes							
Prior low birth weight or preterm delivery	♦	10.0	6.1 - 13.9	3,700	9.6	8.4 - 10.9	48,100
Prior delivery by c-section	♦	19.5	14.3 - 24.8	7,300	16.6	14.9 - 18.3	83,200
Health Status							
In excellent/good health before pregnancy	♦	88.7	84.6 - 92.8	33,300	89.0	87.7 - 90.4	445,300
Chronic conditions before or during pregnancy							
Diabetes or gestational diabetes	♦	12.4	7.8 - 17.0	4,600	12.1	10.7 - 13.4	60,200
Hypertension, preeclampsia or eclampsia	♦	7.7	4.3 - 11.1	2,800	10.0	8.8 - 11.3	49,100
Asthma	♦	5.0	2.0 - 8.0	1,900	7.1	6.2 - 8.0	35,300
Nutrition and Weight							
Daily folic acid use, month before pregnancy	♦	36.8	30.7 - 42.9	13,800	33.1	31.2 - 35.0	165,500
Overweight before pregnancy	♦	23.6	18.3 - 29.0	8,400	25.1	23.2 - 27.0	116,400
Obese before pregnancy	♦	17.2	12.1 - 22.4	6,100	20.0	18.3 - 21.8	92,800
Inadequate weight gain during pregnancy	♦	18.0	12.4 - 23.6	5,300	17.9	16.0 - 19.7	68,000
Excessive weight gain during pregnancy	♦	42.1	34.9 - 49.3	12,400	43.5	41.2 - 45.9	165,800
Food insecurity during pregnancy	♦	21.0	16.1 - 25.8	7,900	18.8	17.2 - 20.4	93,900
Intimate Partner Violence (IPV) and Depression							
Physical IPV in the year before pregnancy		*			2.8	2.1 - 3.5	14,200
Physical or psychological IPV during pregnancy	♦	8.3	4.8 - 11.8	3,100	7.3	6.3 - 8.4	36,400
Prenatal depression	♦	14.9	10.5 - 19.4	5,600	15.0	13.5 - 16.4	74,700
Postpartum depression	♦	12.0	8.1 - 15.8	4,500	13.4	11.9 - 14.8	66,900
Hardships and Support during Pregnancy							
Had "a lot" of unpaid bills	♦	19.9	15.0 - 24.8	7,400	21.5	19.8 - 23.1	106,800
Moved	♦	33.0	26.9 - 39.0	12,400	28.8	27.0 - 30.7	143,700
Woman or partner lost job	♦	23.7	18.6 - 28.9	8,900	19.7	18.1 - 21.4	97,700
Became separated or divorced	✓	3.5	1.2 - 5.8	1,300	8.1	6.9 - 9.2	40,200
Had no practical or emotional support	♦	5.6	2.7 - 8.4	2,100	5.8	4.8 - 6.7	28,800
Substance Use							
Any smoking, 3 months before pregnancy	♦	9.5	6.0 - 13.0	3,600	12.5	11.2 - 13.7	62,000
Any smoking, 1st or 3rd trimester	✓	2.0	0.7 - 3.3	800	5.6	4.9 - 6.4	28,100
Any binge drinking, 3 months before pregnancy	♦	13.2	8.9 - 17.4	4,900	15.0	13.5 - 16.5	74,200
Any alcohol use, 1st or 3rd trimester	♦	10.5	6.6 - 14.4	3,900	12.1	10.8 - 13.4	60,400
Postpartum Discussions with Provider							
Discussed birth spacing	♦	38.5	31.4 - 45.6	11,200	39.4	37.1 - 41.7	158,400
Discussed postpartum birth control	♦	87.1	82.4 - 91.7	32,400	87.6	86.0 - 89.1	432,900
Infant Sleep and Breastfeeding							
Placed infant on back to sleep	♦	77.3	71.8 - 82.8	27,600	74.4	72.5 - 76.4	360,100
Intended to breastfeed, before birth	♦	91.8	88.1 - 95.4	33,500	91.3	90.2 - 92.5	449,300
Intended to breastfeed exclusively, before birth	♦	59.4	53.1 - 65.7	21,700	60.6	58.6 - 62.6	298,200
Breastfeeding practices							
Any breastfeeding, 1 month after delivery	♦	80.6	75.7 - 85.5	29,300	77.7	76.0 - 79.4	380,600
Exclusive breastfeeding, 1 month after delivery	✓	53.3	46.9 - 59.7	19,400	46.4	44.4 - 48.4	227,200
Any breastfeeding, 3 months after delivery	♦	62.1	54.7 - 69.6	16,600	59.5	57.0 - 61.9	211,000
Exclusive breastfeeding, 3 months after delivery	♦	36.2	28.6 - 43.8	9,700	31.6	29.4 - 33.8	112,100
Health Care Utilization and Coverage							
Mom uninsured before pregnancy	♦	23.0	18.5 - 27.6	8,500	20.4	18.8 - 22.0	100,400
Had a usual source of pre-pregnancy care	♦	72.4	66.9 - 77.8	27,000	72.8	71.0 - 74.6	363,300
Initiated prenatal care in 1st trimester	♦	91.8	88.0 - 95.5	34,100	89.1	87.8 - 90.4	441,600
Had a postpartum medical visit	♦	86.8	82.4 - 91.3	32,300	85.9	84.4 - 87.3	427,300
Mom or infant needed but couldn't afford care postpartum	♦	13.5	9.4 - 17.6	5,000	14.0	12.5 - 15.5	68,600

	Orange County			California		
	%	95% CI	Population Estimate	%	95% CI	Population Estimate
Public Program Participation						
Participated in WIC during pregnancy	49.2	45.8 - 52.6	18,500	55.1	54.1 - 56.2	275,400
Received CalFresh (food stamps) during pregnancy	11.1	7.7 - 14.5	4,100	22.4	20.9 - 24.0	111,700
Health Insurance Coverage						
Pre-pregnancy insurance						
Medi-Cal	21.8	17.3 - 26.3	8,100	29.7	28.0 - 31.5	146,300
Uninsured	23.0	18.5 - 27.6	8,500	20.4	18.8 - 22.0	100,400
Private or other	55.2	50.5 - 59.9	20,400	49.8	48.3 - 51.4	245,200
Prenatal insurance						
Medi-Cal	44.8	40.5 - 49.0	16,800	52.0	50.5 - 53.5	259,800
Uninsured	4.1	1.6 - 6.6	1,500	2.9	2.2 - 3.7	14,700
Private or other	51.1	46.8 - 55.4	19,200	45.1	43.7 - 46.5	225,100
Maternal postpartum insurance						
Medi-Cal	21.6	17.3 - 25.9	8,000	35.3	33.6 - 37.1	173,600
Uninsured	22.1	18.0 - 26.1	8,100	17.3	15.7 - 18.8	84,900
Private or other	56.3	52.4 - 60.3	20,800	47.4	45.9 - 48.9	232,900
Infant health insurance						
Medi-Cal	44.6	40.9 - 48.4	16,400	49.0	47.3 - 50.6	237,900
Healthy Families	*			3.8	3.1 - 4.6	18,600
Uninsured	2.9	0.8 - 4.9	1,100	3.4	2.5 - 4.3	16,700
Private or other	49.4	45.0 - 53.8	18,100	43.8	42.3 - 45.3	212,800
Maternal Demographics						
Age						
15-19	5.6	3.2 - 7.9	2,100	8.9	7.7 - 10.0	44,400
20-34	70.4	64.2 - 76.5	26,400	71.8	69.9 - 73.8	360,000
35+	24.1	18.2 - 29.9	9,000	19.3	17.6 - 21.0	96,800
Did not complete high school (or GED)	17.4	13.7 - 21.2	6,500	20.4	18.8 - 22.0	101,900
Unmarried	31.1	26.0 - 36.2	11,700	42.7	40.9 - 44.6	213,500
Race/Ethnicity						
Hispanic	48.3	42.8 - 53.8	17,900	50.6	48.9 - 52.2	249,000
Black	1.2	1.0 - 1.4	400	6.0	5.8 - 6.2	29,500
White	30.2	24.7 - 35.6	11,200	29.3	27.8 - 30.8	144,200
Asian/Pacific Islander	19.9	13.9 - 25.9	7,400	13.7	12.2 - 15.2	67,600
Nativity and Language						
Born outside the U.S.	49.9	43.9 - 56.0	18,700	41.4	39.4 - 43.3	207,300
Speaks non-English language at home	38.1	32.0 - 44.2	14,300	33.5	31.6 - 35.5	167,000
Income as a percent of the Federal Poverty Guideline						
0-100%	39.6	34.7 - 44.6	14,000	44.0	42.3 - 45.7	206,700
101-200%	20.1	14.6 - 25.5	7,100	20.0	18.3 - 21.7	94,100
201-300%	7.0	3.5 - 10.4	2,500	8.0	7.0 - 9.1	37,800
301-400%	8.9	4.8 - 13.0	3,100	6.5	5.6 - 7.4	30,400
>400%	24.4	19.1 - 29.8	8,600	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 region in 2010. 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). 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.