

MIHA Snapshot, Orange County 2011

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	◆	7.5	4.0 - 11.0	2,800	8.4	7.3 - 9.6	41,000
Prior delivery by c-section	◆	17.0	11.8 - 22.2	6,300	15.9	14.1 - 17.6	78,200
Health Status							
In good to excellent health before pregnancy†	◆	92.2	89.0 - 95.4	34,500	91.3	90.0 - 92.5	449,300
Chronic conditions before or during pregnancy							
Diabetes or gestational diabetes	◆	11.0	6.2 - 15.7	4,100	10.3	8.9 - 11.6	50,100
Hypertension, preeclampsia or eclampsia	◆	6.5	2.9 - 10.2	2,300	9.2	8.0 - 10.3	44,100
Asthma	◆	7.3	3.6 - 11.0	2,700	8.5	7.4 - 9.6	41,100
Nutrition and Weight							
Daily folic acid use, month before pregnancy	✓	44.5	37.4 - 51.6	16,500	34.4	32.3 - 36.4	168,600
Overweight before pregnancy	◆	25.8	19.5 - 32.2	8,800	26.1	24.1 - 28.1	120,100
Obese before pregnancy	◆	16.9	11.5 - 22.4	5,800	18.5	16.7 - 20.3	85,100
Inadequate weight gain during pregnancy	◆	21.1	13.9 - 28.3	5,900	16.8	15.0 - 18.6	63,300
Excessive weight gain during pregnancy	◆	40.4	32.2 - 48.5	11,300	43.9	41.5 - 46.2	165,500
Food insecurity during pregnancy	◆	16.2	11.8 - 20.6	6,000	18.4	16.8 - 19.9	90,200
Intimate Partner Violence (IPV) and Depressive Symptoms							
Physical IPV in the year before pregnancy	◆	4.6	1.6 - 7.5	1,700	3.2	2.5 - 3.9	15,900
Physical or psychological IPV during pregnancy	◆	9.3	5.4 - 13.2	3,500	7.7	6.7 - 8.7	37,700
Prenatal depressive symptoms	◆	11.1	6.8 - 15.3	4,100	15.2	13.6 - 16.8	74,900
Postpartum depressive symptoms	◆	12.7	8.0 - 17.3	4,700	13.5	12.1 - 14.9	66,400
Hardships and Support during Pregnancy							
Homeless or did not have a regular place to sleep	◆	2.4	0.3 - 4.6	900	3.0	2.4 - 3.5	14,500
Moved due to problems paying rent or mortgage	◆	9.2	5.0 - 13.3	3,400	7.4	6.4 - 8.4	36,300
Woman or partner lost job	◆	15.7	11.0 - 20.5	5,800	17.2	15.6 - 18.9	84,100
Woman or partner had pay or hours cut back	◆	18.7	13.7 - 23.6	6,900	16.6	15.0 - 18.2	80,900
Became separated or divorced	◆	5.2	2.6 - 7.8	1,900	7.5	6.6 - 8.5	36,900
Had no practical or emotional support	◆	3.1	1.3 - 5.0	1,200	5.3	4.4 - 6.2	26,200
Substance Use							
Any smoking, 3 months before pregnancy	◆	11.3	6.1 - 16.5	4,200	12.3	11.0 - 13.5	60,000
Any smoking, 1st or 3rd trimester†	◆	7.9	3.3 - 12.5	2,900	8.1	7.1 - 9.1	39,500
Any smoking, postpartum	◆	5.0	2.1 - 7.9	1,900	6.3	5.5 - 7.1	30,800
Any binge drinking, 3 months before pregnancy	◆	17.5	11.2 - 23.7	6,500	13.1	11.9 - 14.4	64,200
Any alcohol use, 1st or 3rd trimester†	◆	18.2	12.3 - 24.0	6,700	19.6	17.9 - 21.2	95,900
Pregnancy Intention and Family Planning							
Mistimed or unwanted pregnancy†	✓	24.8	18.9 - 30.6	9,200	32.1	30.1 - 34.1	157,200
Unsure of pregnancy intentions†	◆	10.8	6.2 - 15.4	4,000	11.9	10.4 - 13.3	58,200
Postpartum birth control use†	◆	88.4	83.1 - 93.8	28,800	91.1	89.7 - 92.4	395,200
Infant Sleep and Breastfeeding							
Placed infant on back to sleep	✓	80.5	75.5 - 85.6	29,900	73.9	71.9 - 75.8	358,200
Intended to breastfeed, before birth	◆	93.6	90.1 - 97.1	34,700	92.1	91.0 - 93.2	448,400
Intended to breastfeed exclusively, before birth	◆	56.1	49.1 - 63.1	20,800	62.3	60.2 - 64.4	303,100
Breastfeeding practices							
Any breastfeeding, 1 month after delivery†	◆	84.1	79.0 - 89.2	31,000	81.7	80.0 - 83.4	391,400
Exclusive breastfeeding, 1 month after delivery†	✗	30.1	23.2 - 37.0	10,900	38.8	36.6 - 40.9	182,300
Any breastfeeding, 3 months after delivery†	◆	64.7	57.2 - 72.1	18,700	63.7	61.3 - 66.2	240,100
Exclusive breastfeeding, 3 months after delivery†	◆	19.0	12.2 - 25.9	5,500	23.1	21.1 - 25.1	86,000

↑ higher than rest of California ↓ lower than rest of California ♦ no statistical difference

		Orange County			California		
		%	95% CI	Population Estimate	%	95% CI	Population Estimate
Health Care Utilization							
Had a usual source of pre-pregnancy care	♦	68.5	61.8 - 75.1	25,600	72.2	70.2 - 74.1	355,300
Initiated prenatal care in 1st trimester†	♦	87.8	83.1 - 92.4	31,800	85.6	84.1 - 87.2	416,100
Had a postpartum medical visit	♦	89.8	85.1 - 94.6	33,300	88.6	87.3 - 90.0	435,300
Mom or infant needed but couldn't afford care postpartum	♦	10.9	6.9 - 14.9	4,000	13.0	11.5 - 14.5	62,600
Public Program Participation and Health Insurance Coverage							
Received CalFresh (food stamps) during pregnancy	↓	13.7	10.0 - 17.4	5,100	22.2	20.6 - 23.8	109,000
Pre-pregnancy insurance							
Medi-Cal†	↓	17.2	13.3 - 21.1	6,400	25.6	23.8 - 27.3	125,100
Uninsured†	♦	24.1	18.9 - 29.2	8,900	23.9	22.3 - 25.6	117,200
Private†	↑	56.9	51.8 - 62.0	21,000	46.4	44.7 - 48.1	227,000
Prenatal insurance							
Medi-Cal†	↓	42.4	37.9 - 46.9	15,600	50.4	48.8 - 51.9	247,500
Uninsured†		*			1.9	1.2 - 2.5	9,200
Private†	↑	52.4	47.5 - 57.2	19,300	43.2	41.6 - 44.8	212,400
Maternal postpartum insurance							
Medi-Cal†	↓	24.7	19.9 - 29.5	9,200	35.5	33.8 - 37.3	173,900
Uninsured†	↑	22.8	18.1 - 27.6	8,500	17.4	15.9 - 18.8	85,000
Private†	↑	51.7	46.7 - 56.8	19,200	43.8	42.1 - 45.4	214,300
Infant health insurance							
Medi-Cal†	↓	43.8	39.1 - 48.5	16,300	49.5	47.9 - 51.2	240,500
Healthy Families†	♦	7.1	3.2 - 11.0	2,600	5.2	4.4 - 6.1	25,400
Uninsured†		*			2.4	1.9 - 2.9	11,700
Private†	↑	46.6	41.5 - 51.7	17,300	39.4	37.8 - 41.0	191,200
Maternal Demographics							
Age							
15-19	♦	5.9	3.4 - 8.4	2,200	7.7	6.4 - 8.9	37,800
20-34	♦	71.9	65.6 - 78.1	26,900	73.8	71.9 - 75.7	364,100
35+	♦	22.2	16.4 - 28.1	8,300	18.5	16.9 - 20.2	91,500
Did not complete high school (or GED)	♦	18.7	14.4 - 23.0	6,900	20.6	18.9 - 22.3	101,000
Unmarried	↓	30.7	25.2 - 36.3	11,400	42.3	40.4 - 44.1	207,800
Race/Ethnicity							
Hispanic	♦	49.2	43.4 - 54.9	18,100	50.9	49.1 - 52.7	247,100
Black	↓	1.3	1.1 - 1.5	500	6.0	5.6 - 6.4	29,100
White	♦	31.2	24.7 - 37.7	11,500	29.1	27.4 - 30.7	141,200
Asian/Pacific Islander	♦	18.2	12.3 - 24.1	6,700	13.4	11.8 - 14.9	64,900
Nativity and Language							
Born outside the U.S.	↑	47.4	40.5 - 54.3	17,700	39.8	37.8 - 41.9	196,400
Speaks non-English language at home	♦	35.7	29.3 - 42.0	13,200	32.4	30.4 - 34.4	159,000
Income as a percent of the Federal Poverty Guideline							
0-100%	↓	33.1	28.1 - 38.0	10,400	43.8	42.0 - 45.6	198,400
101-200%	♦	19.3	13.5 - 25.0	6,100	19.0	17.2 - 20.8	86,000
>200%	↑	47.7	41.8 - 53.6	15,100	37.2	35.5 - 38.9	168,500

* Data are not presented because fewer than 10 women reported.

† 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 Orange County was 390. 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 county in 2011. 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). 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.