



MIHA Data Snapshot, Orange County, 2013-2014

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
Health Status Before Pregnancy							
In good to excellent health	♦	93.8	91.1 - 96.5	35,000	92.4	91.5 - 93.3	452,800
Chronic conditions							
Diabetes†	♦	1.6 *	0.2 - 3.0	600	2.3	1.8 - 2.8	10,900
Hypertension†	♦	1.7 *	0.2 - 3.1	600	2.5	2.0 - 2.9	11,900
Asthma†	♦	8.1	4.6 - 11.5	3,000	7.8	7.0 - 8.6	37,500
Nutrition and Weight							
Daily folic acid use, month before pregnancy	♦	33.6	26.9 - 40.3	12,500	32.7	31.1 - 34.3	159,900
Overweight before pregnancy	♦	21.5	16.1 - 27.0	7,700	24.7	23.2 - 26.2	114,900
Obese before pregnancy	♦	15.1	10.3 - 20.0	5,500	20.3	18.9 - 21.7	94,400
Inadequate weight gain during pregnancy	♦	17.5	11.7 - 23.2	5,600	17.7	16.2 - 19.2	72,900
Excessive weight gain during pregnancy	♦	40.0	32.5 - 47.5	12,900	41.4	39.5 - 43.2	170,100
Food insecurity during pregnancy	✓	11.5	7.8 - 15.2	4,200	16.6	15.4 - 17.9	80,500
Intimate Partner Violence (IPV) and Depressive Symptoms							
Physical or psychological IPV during pregnancy	♦	5.5	2.8 - 8.2	2,000	7.1	6.2 - 7.9	34,500
Prenatal depressive symptoms	♦	12.8	8.5 - 17.1	4,800	14.1	12.9 - 15.3	68,900
Postpartum depressive symptoms	✓	8.4	5.2 - 11.7	3,100	13.0	11.8 - 14.1	63,200
Hardships and Support during Pregnancy							
Experienced two or more hardships during childhood	♦	25.0	19.2 - 30.9	9,200	25.3	23.8 - 26.7	121,600
Homeless or did not have a regular place to sleep	✓	0.9 *	0.1 - 1.8	300	2.9	2.4 - 3.4	14,000
Moved due to problems paying rent or mortgage	♦	8.4	4.6 - 12.3	3,100	6.9	6.0 - 7.7	33,600
Woman or partner lost job	✓	10.3	6.9 - 13.7	3,800	14.6	13.4 - 15.8	71,000
Woman or partner had pay or hours cut back	♦	14.2	9.2 - 19.2	5,200	11.8	10.7 - 12.8	57,100
Became separated or divorced	♦	5.1	2.6 - 7.6	1,900	7.6	6.7 - 8.5	37,000
Had no practical or emotional support	♦	4.0	1.9 - 6.1	1,500	4.4	3.7 - 5.2	21,700
Substance Use							
Any smoking, 3 months before pregnancy	✓	6.1	3.0 - 9.2	2,300	11.6	10.5 - 12.7	56,500
Any smoking, 3rd trimester†		--			2.9	2.3 - 3.4	13,900
Any smoking, postpartum	✓	2.5 *	0.4 - 4.6	900	5.6	4.8 - 6.3	27,300
Any binge drinking, 3 months before pregnancy	♦	13.9	9.3 - 18.5	5,100	15.1	13.8 - 16.3	72,900
Any alcohol use, 3rd trimester†	♦	6.6	2.9 - 10.3	2,400	7.6	6.6 - 8.6	37,000
Pregnancy Intention and Family Planning							
Mistimed or unwanted pregnancy	♦	27.2	21.8 - 32.7	10,100	31.2	29.6 - 32.8	151,800
Unsure of pregnancy intentions	♦	12.2	7.5 - 17.0	4,600	12.9	11.8 - 14.0	62,700
Postpartum birth control use†	♦	77.8	71.9 - 83.7	28,300	81.6	80.3 - 83.0	390,200
Infant Sleep and Breastfeeding							
Placed infant on back to sleep	✓	85.4	80.7 - 90.0	31,500	79.7	78.3 - 81.1	383,200
Infant always or often shared bed	♦	31.8	24.9 - 38.8	11,700	34.1	32.5 - 35.7	163,700
Intended to breastfeed, before birth	♦	92.1	87.8 - 96.3	33,900	92.4	91.5 - 93.4	444,100
Intended to breastfeed exclusively, before birth	♦	58.6	51.6 - 65.6	21,500	64.2	62.6 - 65.9	308,500
Breastfeeding practices							
Any breastfeeding, 1 month after delivery	♦	85.7	81.1 - 90.2	30,800	83.5	82.3 - 84.8	398,500
Exclusive breastfeeding, 1 month after delivery	♦	39.3	32.2 - 46.4	14,000	42.7	41.0 - 44.4	200,700
Any breastfeeding, 3 months after delivery	✓	73.4	66.9 - 79.9	18,800	66.2	64.3 - 68.2	244,200
Exclusive breastfeeding, 3 months after delivery	♦	26.1	18.5 - 33.7	6,700	27.4	25.7 - 29.1	99,800



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		Orange County			California		
		%	95% CI	Population Estimate	%	95% CI	Population Estimate
Health Care Utilization and Public Program Participation							
Had a usual source of pre-pregnancy care	♦	70.9	65.4 - 76.4	26,300	70.4	68.8 - 71.9	344,100
Initiated prenatal care in 1st trimester	♦	92.5	89.0 - 96.0	34,300	89.7	88.7 - 90.6	433,500
Had a postpartum medical visit	♦	89.3	85.4 - 93.3	32,800	87.5	86.4 - 88.7	427,500
Mom or infant needed but couldn't afford care postpartum	↓	7.7	4.9 - 10.5	2,800	12.6	11.4 - 13.7	59,700
Participated in WIC during pregnancy†	↓	42.9	38.3 - 47.5	15,500	54.1	52.9 - 55.4	259,300
Received CalFresh (food stamps) during pregnancy	↓	14.0	10.4 - 17.5	5,200	24.9	23.6 - 26.3	121,000
Health Insurance Coverage							
Pre-pregnancy insurance							
Medi-Cal	↓	14.5	11.0 - 18.1	5,400	24.5	23.1 - 25.8	119,600
Uninsured	♦	22.3	17.9 - 26.6	8,300	24.0	22.6 - 25.4	117,500
Private	↑	58.2	53.4 - 63.0	21,700	47.5	46.2 - 48.9	232,500
Prenatal insurance							
Medi-Cal	↓	38.7	34.6 - 42.7	14,300	49.7	48.4 - 51.0	242,800
Uninsured		--			1.6	1.2 - 2.0	7,900
Private	↑	56.9	52.3 - 61.5	21,100	44.5	43.1 - 45.8	217,100
Maternal postpartum insurance							
Medi-Cal	↓	21.0	16.9 - 25.1	7,700	36.2	34.7 - 37.6	175,700
Uninsured	♦	17.5	13.5 - 21.6	6,400	15.0	13.8 - 16.2	72,800
Private	↑	57.7	53.0 - 62.4	21,200	45.7	44.3 - 47.0	221,900
Infant health insurance							
Medi-Cal	↓	40.4	36.1 - 44.7	14,700	52.2	50.9 - 53.6	250,400
Uninsured		--			2.9	2.2 - 3.5	13,700
Private	↑	54.9	50.4 - 59.5	20,000	41.3	40.0 - 42.6	198,000
Maternal Demographics							
Age							
15-19	♦	4.4	2.4 - 6.5	1,700	5.6	4.9 - 6.4	27,500
20-34	♦	72.2	65.5 - 78.9	26,900	74.5	73.0 - 76.0	365,300
35+	♦	23.4	16.8 - 29.9	8,700	19.9	18.5 - 21.3	97,400
Did not complete high school (or GED)	↓	11.4	8.2 - 14.7	4,200	16.5	15.2 - 17.7	79,900
Unmarried	↓	28.3	23.2 - 33.4	10,500	40.9	39.4 - 42.4	199,000
Race/Ethnicity							
Hispanic	♦	45.4	39.4 - 51.4	16,700	49.2	47.7 - 50.7	236,500
Black	↓	1.3	1.0 - 1.7	500	5.7	5.3 - 6.1	27,400
White	♦	30.9	24.7 - 37.2	11,400	29.3	27.9 - 30.7	140,900
Asian/Pacific Islander	↑	22.3	15.4 - 29.2	8,200	15.3	13.9 - 16.7	73,700
Nativity and Language							
Born outside the U.S.	↑	45.7	38.7 - 52.6	17,000	37.9	36.2 - 39.6	185,700
Speaks non-English language at home	♦	32.5	26.3 - 38.8	11,800	30.1	28.5 - 31.7	144,800
Lives in a high poverty neighborhood	↓	25.5	20.0 - 31.0	8,800	38.9	37.3 - 40.5	182,900
Income as a percent of the Federal Poverty Guideline							
0-100%	↓	29.2	24.7 - 33.8	10,000	41.0	39.5 - 42.4	188,800
101-200%	♦	18.5	13.2 - 23.7	6,400	20.8	19.4 - 22.2	96,000
> 200%	↑	52.3	46.8 - 57.8	18,000	38.2	36.9 - 39.6	176,200

-- Estimate not shown because the relative standard error (RSE) is greater than 50% or fewer than 5 women reported.

* Estimate should be interpreted with caution due to low statistical reliability (RSE is between 30% and 50%).

† Measure/definition changed for this indicator and is not comparable to prior years (see Technical Notes).

Notes: MIHA is an annual population-based survey of California resident women with a live birth. Data from MIHA 2013-2014 were combined, resulting in a statewide sample size of 13,963. The sample size of Orange County was 369. Percent (%), 95% confidence interval (95% 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 who resided in California and the region in 2013-2014. Population estimate is a two-year average. 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). See the Technical Notes for information on weighting, comparability to prior years and technical definitions. Visit the MIHA website at www.cdph.ca.gov/MIHA.

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