



MIHA Data Snapshot, Imperial County, 2013-2014

Maternal and Infant Health Assessment (MIHA) Survey

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

		Imperial County			California		
		%	95% CI	Population Estimate	%	95% CI	Population Estimate
Health Status Before Pregnancy							
In good to excellent health	♦	88.9	84.9 - 93.0	2,800	92.4	91.5 - 93.3	452,800
Chronic conditions							
Diabetes†		--			2.3	1.8 - 2.8	10,900
Hypertension†	♦	2.7 *	0.7 - 4.8	100	2.5	2.0 - 2.9	11,900
Asthma†	♦	7.7	4.2 - 11.2	200	7.8	7.0 - 8.6	37,500
Nutrition and Weight							
Daily folic acid use, month before pregnancy	✗	25.4	20.2 - 30.7	800	32.7	31.1 - 34.3	159,900
Overweight before pregnancy	♦	30.1	24.1 - 36.2	900	24.7	23.2 - 26.2	114,900
Obese before pregnancy	♦	25.0	19.3 - 30.7	700	20.3	18.9 - 21.7	94,400
Inadequate weight gain during pregnancy	✗	26.9	20.1 - 33.7	600	17.7	16.2 - 19.2	72,900
Excessive weight gain during pregnancy	♦	40.5	33.6 - 47.5	900	41.4	39.5 - 43.2	170,100
Food insecurity during pregnancy	♦	17.3	13.0 - 21.5	500	16.6	15.4 - 17.9	80,500
Intimate Partner Violence (IPV) and Depressive Symptoms							
Physical or psychological IPV during pregnancy	♦	9.5	5.7 - 13.3	300	7.1	6.2 - 7.9	34,500
Prenatal depressive symptoms	✗	19.3	14.3 - 24.2	600	14.1	12.9 - 15.3	68,900
Postpartum depressive symptoms	✗	18.3	13.2 - 23.5	600	13.0	11.8 - 14.1	63,200
Hardships and Support during Pregnancy							
Experienced two or more hardships during childhood	♦	26.3	20.7 - 31.9	800	25.3	23.8 - 26.7	121,600
Homeless or did not have a regular place to sleep	✗	6.5	3.7 - 9.3	200	2.9	2.4 - 3.4	14,000
Moved due to problems paying rent or mortgage	✗	10.5	6.7 - 14.2	300	6.9	6.0 - 7.7	33,600
Woman or partner lost job	♦	17.3	12.8 - 21.9	500	14.6	13.4 - 15.8	71,000
Woman or partner had pay or hours cut back	♦	13.2	8.9 - 17.5	400	11.8	10.7 - 12.8	57,100
Became separated or divorced	✗	10.8	7.3 - 14.4	300	7.6	6.7 - 8.5	37,000
Had no practical or emotional support	♦	5.8	2.8 - 8.7	200	4.4	3.7 - 5.2	21,700
Substance Use							
Any smoking, 3 months before pregnancy	♦	13.7	9.3 - 18.2	400	11.6	10.5 - 12.7	56,500
Any smoking, 3rd trimester†	♦	5.2 *	1.8 - 8.6	200	2.9	2.3 - 3.4	13,900
Any smoking, postpartum	♦	4.1 *	1.6 - 6.7	100	5.6	4.8 - 6.3	27,300
Any binge drinking, 3 months before pregnancy	✗	20.1	14.9 - 25.3	600	15.1	13.8 - 16.3	72,900
Any alcohol use, 3rd trimester†	♦	4.4 *	1.5 - 7.4	100	7.6	6.6 - 8.6	37,000
Pregnancy Intention and Family Planning							
Mistimed or unwanted pregnancy	♦	34.5	28.7 - 40.4	1,100	31.2	29.6 - 32.8	151,800
Unsure of pregnancy intentions	♦	10.9	6.8 - 15.0	300	12.9	11.8 - 14.0	62,700
Postpartum birth control use†	✓	89.6	86.0 - 93.1	2,700	81.6	80.3 - 83.0	390,200
Infant Sleep and Breastfeeding							
Placed infant on back to sleep	✗	72.6	67.0 - 78.3	2,200	79.7	78.3 - 81.1	383,200
Infant always or often shared bed	✗	40.5	34.3 - 46.6	1,200	34.1	32.5 - 35.7	163,700
Intended to breastfeed, before birth	♦	92.2	88.4 - 96.0	2,800	92.4	91.5 - 93.4	444,100
Intended to breastfeed exclusively, before birth	✗	50.7	44.4 - 56.9	1,600	64.2	62.6 - 65.9	308,500
Breastfeeding practices							
Any breastfeeding, 1 month after delivery	♦	79.6	74.7 - 84.5	2,400	83.5	82.3 - 84.8	398,500
Exclusive breastfeeding, 1 month after delivery	✗	29.8	23.9 - 35.7	900	42.7	41.0 - 44.4	200,700
Any breastfeeding, 3 months after delivery	✗	55.8	48.7 - 62.9	1,300	66.2	64.3 - 68.2	244,200
Exclusive breastfeeding, 3 months after delivery	✗	11.3	7.3 - 15.4	300	27.4	25.7 - 29.1	99,800



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		Imperial 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	↓	59.8	53.9 - 65.7	1,900	70.4	68.8 - 71.9	344,100
Initiated prenatal care in 1st trimester	↓	82.8	78.3 - 87.2	2,600	89.7	88.7 - 90.6	433,500
Had a postpartum medical visit	♦	87.0	82.9 - 91.0	2,700	87.5	86.4 - 88.7	427,500
Mom or infant needed but couldn't afford care postpartum	♦	11.3	7.6 - 15.0	300	12.6	11.4 - 13.7	59,700
Participated in WIC during pregnancy†	↑	65.7	59.7 - 71.7	2,000	54.1	52.9 - 55.4	259,300
Received CalFresh (food stamps) during pregnancy	↑	34.4	28.4 - 40.3	1,100	24.9	23.6 - 26.3	121,000
Health Insurance Coverage							
Pre-pregnancy insurance							
Medi-Cal	↑	34.7	28.5 - 40.8	1,100	24.5	23.1 - 25.8	119,600
Uninsured	↑	33.6	27.9 - 39.2	1,000	24.0	22.6 - 25.4	117,500
Private	↓	29.7	24.0 - 35.4	900	47.5	46.2 - 48.9	232,500
Prenatal insurance							
Medi-Cal	↑	63.5	57.6 - 69.4	2,000	49.7	48.4 - 51.0	242,800
Uninsured	↑	8.9	5.0 - 12.7	300	1.6	1.2 - 2.0	7,900
Private	↓	22.1	17.1 - 27.1	700	44.5	43.1 - 45.8	217,100
Maternal postpartum insurance							
Medi-Cal	↑	59.7	53.6 - 65.7	1,900	36.2	34.7 - 37.6	175,700
Uninsured	♦	14.3	9.7 - 18.9	400	15.0	13.8 - 16.2	72,800
Private	↓	24.4	19.3 - 29.6	800	45.7	44.3 - 47.0	221,900
Infant health insurance							
Medi-Cal	↑	66.9	60.9 - 72.9	2,000	52.2	50.9 - 53.6	250,400
Uninsured	↑	8.9	4.6 - 13.2	300	2.9	2.2 - 3.5	13,700
Private	↓	21.8	16.8 - 26.9	700	41.3	40.0 - 42.6	198,000
Maternal Demographics							
Age							
15-19	↑	10.2	6.8 - 13.7	300	5.6	4.9 - 6.4	27,500
20-34	♦	79.0	73.7 - 84.3	2,500	74.5	73.0 - 76.0	365,300
35+	↓	10.8	6.2 - 15.3	300	19.9	18.5 - 21.3	97,400
Did not complete high school (or GED)	♦	18.4	13.4 - 23.4	600	16.5	15.2 - 17.7	79,900
Unmarried	↑	52.4	46.2 - 58.6	1,600	40.9	39.4 - 42.4	199,000
Race/Ethnicity							
Hispanic	↑	92.8	90.0 - 95.6	2,900	49.2	47.7 - 50.7	236,500
Black	↓	1.3	0.6 - 2.0	< 100	5.7	5.3 - 6.1	27,400
White	↓	5.5	2.8 - 8.3	200	29.3	27.9 - 30.7	140,900
Asian/Pacific Islander	--	--	--	--	15.3	13.9 - 16.7	73,700
Nativity and Language							
Born outside the U.S.	♦	42.7	36.5 - 48.8	1,300	37.9	36.2 - 39.6	185,700
Speaks non-English language at home	↑	52.9	46.7 - 59.1	1,600	30.1	28.5 - 31.7	144,800
Lives in a high poverty neighborhood	♦	44.3	38.0 - 50.5	1,200	38.9	37.3 - 40.5	182,900
Income as a percent of the Federal Poverty Guideline							
0-100%	↑	62.8	56.6 - 68.9	1,800	41.0	39.5 - 42.4	188,800
101-200%	♦	17.1	12.2 - 22.0	500	20.8	19.4 - 22.2	96,000
> 200%	↓	20.2	15.4 - 25.0	600	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 Imperial County was 327. 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 county in 2013-2014. Population estimate is a two-year average. 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). 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.

Table Citation: Maternal and Infant Health Assessment (MIHA) Survey Data Snapshots, 2013-2014. California Department of Public Health. 2016.