

MIHA Snapshot, Tulare County 2011

Maternal and Infant Health Assessment (MIHA) Survey



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

		Tulare County			California		
		%	95% CI	Population Estimate	%	95% CI	Population Estimate
Prior Poor Birth Outcomes							
Prior low birth weight or preterm delivery	◆	10.3	6.1 - 14.5	800	8.4	7.3 - 9.6	41,000
Prior delivery by c-section	◆	20.7	15.6 - 25.9	1,600	15.9	14.1 - 17.6	78,200
Health Status							
In good to excellent health before pregnancy†	✗	86.6	81.7 - 91.4	6,800	91.3	90.0 - 92.5	449,300
Chronic conditions before or during pregnancy							
Diabetes or gestational diabetes	◆	12.2	7.9 - 16.6	900	10.3	8.9 - 11.6	50,100
Hypertension, preeclampsia or eclampsia	◆	10.8	6.6 - 15.0	800	9.2	8.0 - 10.3	44,100
Asthma	◆	9.7	5.8 - 13.7	700	8.5	7.4 - 9.6	41,100
Nutrition and Weight							
Daily folic acid use, month before pregnancy	◆	28.6	22.6 - 34.5	2,200	34.4	32.3 - 36.4	168,600
Overweight before pregnancy	◆	30.6	24.1 - 37.0	2,200	26.1	24.1 - 28.1	120,100
Obese before pregnancy	◆	23.8	17.8 - 29.7	1,700	18.5	16.7 - 20.3	85,100
Inadequate weight gain during pregnancy	◆	16.2	10.2 - 22.2	900	16.8	15.0 - 18.6	63,300
Excessive weight gain during pregnancy	◆	45.3	37.4 - 53.1	2,400	43.9	41.5 - 46.2	165,500
Food insecurity during pregnancy	✗	26.8	20.7 - 32.8	2,100	18.4	16.8 - 19.9	90,200
Intimate Partner Violence (IPV) and Depressive Symptoms							
Physical IPV in the year before pregnancy	✗	6.8	3.4 - 10.3	500	3.2	2.5 - 3.9	15,900
Physical or psychological IPV during pregnancy	✗	12.5	8.1 - 17.0	1,000	7.7	6.7 - 8.7	37,700
Prenatal depressive symptoms	◆	20.0	14.7 - 25.4	1,600	15.2	13.6 - 16.8	74,900
Postpartum depressive symptoms	◆	16.0	11.1 - 21.0	1,300	13.5	12.1 - 14.9	66,400
Hardships and Support during Pregnancy							
Homeless or did not have a regular place to sleep	✗	7.3	3.7 - 10.8	600	3.0	2.4 - 3.5	14,500
Moved due to problems paying rent or mortgage	◆	7.7	4.1 - 11.2	600	7.4	6.4 - 8.4	36,300
Woman or partner lost job	◆	14.9	10.1 - 19.7	1,200	17.2	15.6 - 18.9	84,100
Woman or partner had pay or hours cut back	◆	18.9	13.4 - 24.4	1,500	16.6	15.0 - 18.2	80,900
Became separated or divorced	◆	9.8	5.8 - 13.7	800	7.5	6.6 - 8.5	36,900
Had no practical or emotional support	◆	8.6	4.5 - 12.7	700	5.3	4.4 - 6.2	26,200
Substance Use							
Any smoking, 3 months before pregnancy	◆	13.7	9.2 - 18.3	1,100	12.3	11.0 - 13.5	60,000
Any smoking, 1st or 3rd trimester†	◆	10.0	6.1 - 14.0	800	8.1	7.1 - 9.1	39,500
Any smoking, postpartum	◆	6.8	3.5 - 10.0	500	6.3	5.5 - 7.1	30,800
Any binge drinking, 3 months before pregnancy	◆	11.3	7.2 - 15.5	900	13.1	11.9 - 14.4	64,200
Any alcohol use, 1st or 3rd trimester†	✓	11.1	7.0 - 15.2	900	19.6	17.9 - 21.2	95,900
Pregnancy Intention and Family Planning							
Mistimed or unwanted pregnancy†	◆	28.2	22.3 - 34.1	2,200	32.1	30.1 - 34.1	157,200
Unsure of pregnancy intentions†	◆	12.7	8.2 - 17.1	1,000	11.9	10.4 - 13.3	58,200
Postpartum birth control use†	◆	92.1	88.0 - 96.3	6,700	91.1	89.7 - 92.4	395,200
Infant Sleep and Breastfeeding							
Placed infant on back to sleep	◆	69.0	62.6 - 75.3	5,300	73.9	71.9 - 75.8	358,200
Intended to breastfeed, before birth	✗	84.0	79.1 - 88.9	6,400	92.1	91.0 - 93.2	448,400
Intended to breastfeed exclusively, before birth	✗	51.4	44.7 - 58.2	3,900	62.3	60.2 - 64.4	303,100
Breastfeeding practices							
Any breastfeeding, 1 month after delivery†	✗	68.1	61.8 - 74.4	5,100	81.7	80.0 - 83.4	391,400
Exclusive breastfeeding, 1 month after delivery†	✗	30.6	24.3 - 37.0	2,300	38.8	36.6 - 40.9	182,300
Any breastfeeding, 3 months after delivery†	◆	59.2	51.4 - 67.0	3,300	63.7	61.3 - 66.2	240,100
Exclusive breastfeeding, 3 months after delivery†	◆	21.9	15.0 - 28.8	1,200	23.1	21.1 - 25.1	86,000

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

		Tulare County			California		
		%	95% CI	Population Estimate	%	95% CI	Population Estimate
Health Care Utilization							
Had a usual source of pre-pregnancy care	♦	71.1	65.0 - 77.1	5,600	72.2	70.2 - 74.1	355,300
Initiated prenatal care in 1st trimester†	♦	82.4	77.1 - 87.6	6,300	85.6	84.1 - 87.2	416,100
Had a postpartum medical visit	↓	81.1	75.9 - 86.3	6,400	88.6	87.3 - 90.0	435,300
Mom or infant needed but couldn't afford care postpartum	♦	17.8	12.4 - 23.2	1,400	13.0	11.5 - 14.5	62,600
Public Program Participation and Health Insurance Coverage							
Received CalFresh (food stamps) during pregnancy	↑	46.3	39.6 - 52.9	3,600	22.2	20.6 - 23.8	109,000
Pre-pregnancy insurance							
Medi-Cal†	↑	49.3	42.6 - 56.0	3,900	25.6	23.8 - 27.3	125,100
Uninsured†	♦	26.3	20.4 - 32.2	2,100	23.9	22.3 - 25.6	117,200
Private†	↓	23.1	17.7 - 28.6	1,800	46.4	44.7 - 48.1	227,000
Prenatal insurance							
Medi-Cal†	↑	77.5	72.1 - 82.9	6,100	50.4	48.8 - 51.9	247,500
Uninsured†		*			1.9	1.2 - 2.5	9,200
Private†	↓	19.0	13.9 - 24.1	1,500	43.2	41.6 - 44.8	212,400
Maternal postpartum insurance							
Medi-Cal†	↑	54.7	48.1 - 61.3	4,300	35.5	33.8 - 37.3	173,900
Uninsured†	↑	24.5	18.6 - 30.3	1,900	17.4	15.9 - 18.8	85,000
Private†	↓	19.2	14.1 - 24.3	1,500	43.8	42.1 - 45.4	214,300
Infant health insurance							
Medi-Cal†	↑	74.7	69.0 - 80.4	5,700	49.5	47.9 - 51.2	240,500
Healthy Families†	♦	5.2	2.3 - 8.0	400	5.2	4.4 - 6.1	25,400
Uninsured†		*			2.4	1.9 - 2.9	11,700
Private†	↓	17.5	12.5 - 22.4	1,300	39.4	37.8 - 41.0	191,200
Maternal Demographics							
Age							
15-19	↑	12.6	8.5 - 16.6	1,000	7.7	6.4 - 8.9	37,800
20-34	♦	75.7	70.0 - 81.4	6,000	73.8	71.9 - 75.7	364,100
35+	↓	11.7	7.1 - 16.4	900	18.5	16.9 - 20.2	91,500
Did not complete high school (or GED)	↑	29.3	23.2 - 35.3	2,300	20.6	18.9 - 22.3	101,000
Unmarried	↑	52.3	45.6 - 58.9	4,100	42.3	40.4 - 44.1	207,800
Race/Ethnicity							
Hispanic	↑	72.5	66.6 - 78.4	5,700	50.9	49.1 - 52.7	247,100
Black	↓	1.5	1.2 - 1.8	100	6.0	5.6 - 6.4	29,100
White	↓	22.1	16.7 - 27.5	1,700	29.1	27.4 - 30.7	141,200
Asian/Pacific Islander		*			13.4	11.8 - 14.9	64,900
Nativity and Language							
Born outside the U.S.	♦	36.3	29.8 - 42.8	2,900	39.8	37.8 - 41.9	196,400
Speaks non-English language at home	↑	41.0	34.3 - 47.6	3,200	32.4	30.4 - 34.4	159,000
Income as a percent of the Federal Poverty Guideline							
0-100%	↑	65.3	58.7 - 71.8	4,700	43.8	42.0 - 45.6	198,400
101-200%	♦	18.0	12.7 - 23.3	1,300	19.0	17.2 - 20.8	86,000
>200%	↓	16.7	11.6 - 21.7	1,200	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 Tulare County was 225. 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.