MIHA Data Snapshot, Butte County, 2013-2014
Maternal and Infant Health Assessment (MIHA) Survey

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

		Butte County			California		
		%	95% CI	Population Estimate	%	95% CI	Population Estimate
Health Status Before Pregnancy							
In good to excellent health	♦	89.6	85.7 - 93.5	2,200	92.4	91.5 - 93.3	452,800
Chronic conditions							
Diabetes†		--			2.3	1.8 - 2.8	10,900
Hypertension†	♦	4.0	2.0 - 6.0	100	2.5	2.0 - 2.9	11,900
Asthma†	✗	12.2	9.0 - 15.5	300	7.8	7.0 - 8.6	37,500
Nutrition and Weight							
Daily folic acid use, month before pregnancy	♦	32.6	27.9 - 37.4	800	32.7	31.1 - 34.3	159,900
Overweight before pregnancy	♦	22.1	17.7 - 26.4	500	24.7	23.2 - 26.2	114,900
Obese before pregnancy	♦	21.0	16.5 - 25.5	500	20.3	18.9 - 21.7	94,400
Inadequate weight gain during pregnancy	✓	12.0	8.5 - 15.5	300	17.7	16.2 - 19.2	72,900
Excessive weight gain during pregnancy	✗	49.9	44.4 - 55.4	1,000	41.4	39.5 - 43.2	170,100
Food insecurity during pregnancy	♦	18.9	14.5 - 23.3	500	16.6	15.4 - 17.9	80,500
Intimate Partner Violence (IPV) and Depressive Symptoms							
Physical or psychological IPV during pregnancy	♦	8.4	5.3 - 11.4	200	7.1	6.2 - 7.9	34,500
Prenatal depressive symptoms	♦	16.3	12.3 - 20.4	400	14.1	12.9 - 15.3	68,900
Postpartum depressive symptoms	♦	16.3	12.4 - 20.2	400	13.0	11.8 - 14.1	63,200
Hardships and Support during Pregnancy							
Experienced two or more hardships during childhood	✗	34.2	29.3 - 39.1	800	25.3	23.8 - 26.7	121,600
Homeless or did not have a regular place to sleep	♦	4.1	2.1 - 6.1	100	2.9	2.4 - 3.4	14,000
Moved due to problems paying rent or mortgage	♦	9.3	6.3 - 12.4	200	6.9	6.0 - 7.7	33,600
Woman or partner lost job	♦	13.8	10.2 - 17.4	300	14.6	13.4 - 15.8	71,000
Woman or partner had pay or hours cut back	✗	15.5	11.8 - 19.3	400	11.8	10.7 - 12.8	57,100
Became separated or divorced	♦	7.1	4.2 - 10.0	200	7.6	6.7 - 8.5	37,000
Had no practical or emotional support	♦	3.5	1.6 - 5.5	100	4.4	3.7 - 5.2	21,700
Substance Use							
Any smoking, 3 months before pregnancy	✗	25.1	20.6 - 29.7	600	11.6	10.5 - 12.7	56,500
Any smoking, 3rd trimester†	✗	11.1	7.9 - 14.4	300	2.9	2.3 - 3.4	13,900
Any smoking, postpartum	✗	18.4	14.3 - 22.5	400	5.6	4.8 - 6.3	27,300
Any binge drinking, 3 months before pregnancy	✗	24.0	19.5 - 28.4	600	15.1	13.8 - 16.3	72,900
Any alcohol use, 3rd trimester†	♦	8.0	4.8 - 11.2	200	7.6	6.6 - 8.6	37,000
Pregnancy Intention and Family Planning							
Mistimed or unwanted pregnancy	♦	27.8	23.0 - 32.6	700	31.2	29.6 - 32.8	151,800
Unsure of pregnancy intentions	♦	14.2	10.5 - 17.9	300	12.9	11.8 - 14.0	62,700
Postpartum birth control use†	♦	82.3	78.1 - 86.6	1,900	81.6	80.3 - 83.0	390,200
Infant Sleep and Breastfeeding							
Placed infant on back to sleep	♦	78.0	73.6 - 82.5	1,800	79.7	78.3 - 81.1	383,200
Infant always or often shared bed	✗	39.6	34.5 - 44.8	900	34.1	32.5 - 35.7	163,700
Intended to breastfeed, before birth	♦	90.4	87.5 - 93.4	2,100	92.4	91.5 - 93.4	444,100
Intended to breastfeed exclusively, before birth	✓	73.9	69.2 - 78.5	1,700	64.2	62.6 - 65.9	308,500
Breastfeeding practices							
Any breastfeeding, 1 month after delivery	♦	85.0	81.2 - 88.7	2,000	83.5	82.3 - 84.8	398,500
Exclusive breastfeeding, 1 month after delivery	✓	63.7	58.6 - 68.8	1,400	42.7	41.0 - 44.4	200,700
Any breastfeeding, 3 months after delivery	♦	67.9	61.9 - 73.8	1,100	66.2	64.3 - 68.2	244,200
Exclusive breastfeeding, 3 months after delivery	✓	41.2	35.0 - 47.4	700	27.4	25.7 - 29.1	99,800

⬆ higher than rest of California ⬇ lower than rest of California ⬥ no statistical difference

		Butte 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	⬇	60.1	55.1 - 65.1	1,400	70.4	68.8 - 71.9	344,100
Initiated prenatal care in 1st trimester	⬥	87.6	83.9 - 91.3	2,100	89.7	88.7 - 90.6	433,500
Had a postpartum medical visit	⬥	89.8	86.9 - 92.7	2,200	87.5	86.4 - 88.7	427,500
Mom or infant needed but couldn't afford care postpartum	⬥	14.3	10.3 - 18.3	300	12.6	11.4 - 13.7	59,700
Participated in WIC during pregnancy†	⬥	59.0	53.9 - 64.0	1,400	54.1	52.9 - 55.4	259,300
Received CalFresh (food stamps) during pregnancy	⬆	33.8	28.8 - 38.7	800	24.9	23.6 - 26.3	121,000
Health Insurance Coverage							
Pre-pregnancy insurance							
Medi-Cal	⬆	37.1	32.1 - 42.2	900	24.5	23.1 - 25.8	119,600
Uninsured	⬇	18.1	14.1 - 22.0	400	24.0	22.6 - 25.4	117,500
Private	⬇	41.5	36.4 - 46.6	1,000	47.5	46.2 - 48.9	232,500
Prenatal insurance							
Medi-Cal	⬆	58.7	53.6 - 63.8	1,400	49.7	48.4 - 51.0	242,800
Uninsured		--			1.6	1.2 - 2.0	7,900
Private	⬇	35.9	30.9 - 40.9	900	44.5	43.1 - 45.8	217,100
Maternal postpartum insurance							
Medi-Cal	⬆	51.1	45.9 - 56.2	1,200	36.2	34.7 - 37.6	175,700
Uninsured	⬇	8.9	6.1 - 11.7	200	15.0	13.8 - 16.2	72,800
Private	⬇	39.1	34.0 - 44.1	900	45.7	44.3 - 47.0	221,900
Infant health insurance							
Medi-Cal	⬆	62.4	57.3 - 67.4	1,500	52.2	50.9 - 53.6	250,400
Uninsured	⬥	2.5 *	0.2 - 4.7	100	2.9	2.2 - 3.5	13,700
Private	⬇	32.7	27.8 - 37.5	800	41.3	40.0 - 42.6	198,000
Maternal Demographics							
Age							
15-19	⬥	6.1	2.9 - 9.3	100	5.6	4.9 - 6.4	27,500
20-34	⬆	81.4	77.1 - 85.7	2,000	74.5	73.0 - 76.0	365,300
35+	⬇	12.5	9.2 - 15.9	300	19.9	18.5 - 21.3	97,400
Did not complete high school (or GED)	⬥	12.0	8.1 - 15.9	300	16.5	15.2 - 17.7	79,900
Unmarried	⬆	46.9	41.6 - 52.1	1,100	40.9	39.4 - 42.4	199,000
Race/Ethnicity							
Hispanic	⬇	18.1	13.8 - 22.3	400	49.2	47.7 - 50.7	236,500
Black	⬇	1.8	1.0 - 2.6	< 100	5.7	5.3 - 6.1	27,400
White	⬆	71.3	66.6 - 76.1	1,700	29.3	27.9 - 30.7	140,900
Asian/Pacific Islander	⬇	7.1	4.5 - 9.6	200	15.3	13.9 - 16.7	73,700
Nativity and Language							
Born outside the U.S.	⬇	11.5	8.3 - 14.7	300	37.9	36.2 - 39.6	185,700
Speaks non-English language at home	⬇	8.4	5.5 - 11.3	200	30.1	28.5 - 31.7	144,800
Lives in a high poverty neighborhood	⬆	47.8	42.4 - 53.1	1,100	38.9	37.3 - 40.5	182,900
Income as a percent of the Federal Poverty Guideline							
0-100%	⬥	45.5	40.3 - 50.7	1,100	41.0	39.5 - 42.4	188,800
101-200%	⬥	21.5	17.2 - 25.7	500	20.8	19.4 - 22.2	96,000
> 200%	⬥	33.1	28.2 - 37.9	800	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 Butte County was 407. 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.
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