



# MIHA Data Snapshot, Butte County by Education, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Butte County			<High School			High School Graduate or GED			Some College			College Graduate			
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N	
<b>Total</b>	100		2,400	11.9	8.7 - 15.1	300	18.2	14.8 - 21.7	400	43.4	38.9 - 47.8	1,000	26.5	22.7 - 30.3	600	
<b>Health Status before Pregnancy</b>																
In good to excellent health	90.8	87.9 - 93.7	2,200	81.3*	70.0 - 92.6	200	91.4	86.4 - 96.5	400	89.9	85.0 - 94.7	900	--			
Chronic conditions																
Diabetes†	1.4*	0.3 - 2.6	<100	--			--			--			--			
Hypertension†	3.0	1.6 - 4.5	<100	--			--			2.0*	0.2 - 3.8	<100	--			
Asthma†	12.8	9.8 - 15.8	300	10.3*	1.5 - 19.1	<100	13.9	6.6 - 21.3	<100	14.5	9.4 - 19.6	100	10.4	5.7 - 15.0	<100	
<b>Nutrition and Weight</b>																
Daily folic acid use, month before pregnancy	31.1	27.0 - 35.2	700	18.2	7.8 - 28.5	<100	13.0	6.7 - 19.4	<100	32.1	25.5 - 38.6	300	46.4	38.3 - 54.4	300	
Overweight before pregnancy	25.0	21.0 - 29.0	600	26.8	14.5 - 39.0	<100	26.2	16.7 - 35.8	100	26.5	20.0 - 32.9	300	19.7	13.1 - 26.4	100	
Obese before pregnancy	21.7	17.9 - 25.6	500	26.2	13.3 - 39.0	<100	24.1	14.8 - 33.4	100	23.6	17.7 - 29.5	200	14.2	7.4 - 21.0	<100	
Inadequate weight gain during pregnancy	12.2	9.1 - 15.4	300	13.2*	4.1 - 22.4	<100	10.9*	3.2 - 18.6	<100	9.7	5.6 - 13.7	<100	15.9	9.1 - 22.6	<100	
Excessive weight gain during pregnancy	51.0	46.3 - 55.7	1,100	56.8	41.9 - 71.7	100	58.5	47.2 - 69.9	200	53.0	45.6 - 60.3	500	42.1	33.7 - 50.5	200	
Food insecurity during pregnancy	17.3	13.9 - 20.7	400	25.7	13.2 - 38.2	<100	30.2	20.5 - 39.8	100	15.9	10.8 - 21.1	200	5.5*	1.9 - 9.2	<100	
<b>Intimate Partner Violence (IPV) and Depressive Symptoms</b>																
Physical or psychological IPV during pregnancy	9.3	6.6 - 12.0	200	23.0	10.5 - 35.4	<100	9.5*	3.8 - 15.3	<100	6.9	3.2 - 10.6	<100	5.3*	1.7 - 8.9	<100	
Prenatal depressive symptoms	17.7	14.1 - 21.3	400	29.7	17.0 - 42.4	<100	19.6	10.9 - 28.4	<100	18.5	12.6 - 24.4	200	8.5*	3.4 - 13.5	<100	
Postpartum depressive symptoms	16.2	12.9 - 19.5	400	23.2	12.0 - 34.3	<100	19.1	10.1 - 28.1	<100	17.0	11.8 - 22.3	200	8.3	3.9 - 12.6	<100	
<b>Hardships and Support during Pregnancy</b>																
Experienced two or more hardships during childhood	34.0	29.8 - 38.1	800	40.8	26.5 - 55.2	100	43.1	32.4 - 53.8	200	36.0	29.7 - 42.3	400	20.8	14.7 - 26.9	100	
Homeless or did not have a regular place to sleep	3.0	1.6 - 4.5	<100	--			7.8*	2.3 - 13.3	<100	3.0*	0.8 - 5.1	<100	--			
Moved due to problems paying rent or mortgage	7.4	5.2 - 9.6	200	12.4*	3.0 - 21.7	<100	13.0	6.3 - 19.7	<100	6.3	3.2 - 9.4	<100	3.0*	0.3 - 5.7	<100	
Woman or partner lost job	13.6	10.4 - 16.7	300	16.2*	4.9 - 27.4	<100	13.7	5.9 - 21.5	<100	15.1	9.9 - 20.4	200	9.5	5.1 - 13.9	<100	
Woman or partner had pay or hours cut back	16.4	12.9 - 19.8	400	15.5*	4.0 - 27.0	<100	16.6	8.7 - 24.6	<100	20.5	14.6 - 26.4	200	9.0	4.6 - 13.4	<100	
Became separated or divorced	7.9	5.3 - 10.5	200	21.6	9.3 - 33.8	<100	8.8*	2.9 - 14.6	<100	8.2	4.1 - 12.3	<100	--			
Had no practical or emotional support	3.1	1.6 - 4.7	<100	--			--			2.9*	0.7 - 5.1	<100	--			
<b>Substance Use</b>																
Any smoking, 3 months before pregnancy	25.4	21.6 - 29.3	600	52.3	38.1 - 66.5	100	35.9	25.6 - 46.1	200	24.7	19.0 - 30.5	200	7.8	4.2 - 11.4	<100	
Any smoking, 3rd trimester†	11.4	8.6 - 14.3	300	41.3	27.6 - 55.1	100	15.1	7.6 - 22.5	<100	7.3	4.0 - 10.6	<100	--			
Any smoking, postpartum	17.1	13.8 - 20.5	400	52.6	38.5 - 66.8	100	22.0	13.3 - 30.7	<100	14.5	10.0 - 19.1	100	--			
Any binge drinking, 3 months before pregnancy	20.9	17.4 - 24.3	500	14.2*	4.3 - 24.0	<100	17.1	9.6 - 24.5	<100	21.2	16.0 - 26.4	200	25.9	18.8 - 33.0	200	
Any alcohol use, 3rd trimester†	6.9	4.5 - 9.3	200	--			--			4.7*	1.4 - 8.1	<100	15.8	9.5 - 22.2	<100	
<b>Pregnancy Intention and Family Planning</b>																
Mistimed or unwanted pregnancy	30.1	26.0 - 34.3	700	30.7	17.8 - 43.7	<100	30.5	20.7 - 40.2	100	35.8	29.0 - 42.6	400	21.6	14.8 - 28.4	100	
Unsure of pregnancy intentions	13.7	10.5 - 16.8	300	14.1*	4.5 - 23.6	<100	22.1	13.5 - 30.7	<100	10.7	6.3 - 15.2	100	10.7	5.8 - 15.7	<100	
Postpartum birth control use†	85.5	82.3 - 88.7	2,000	70.5	56.7 - 84.4	200	83.0	74.7 - 91.3	400	90.6	86.7 - 94.5	900	84.6	79.3 - 90.0	500	
<b>Infant Sleep and Breastfeeding</b>																
Placed infant on back to sleep	80.0	76.4 - 83.6	1,900	70.4	55.8 - 84.9	200	82.9	75.6 - 90.1	400	82.9	77.6 - 88.1	800	79.1	72.9 - 85.4	500	
Infant always or often shared bed	38.8	34.4 - 43.1	900	35.4	21.8 - 48.9	<100	37.0	27.0 - 47.0	200	43.6	36.7 - 50.5	400	33.8	26.1 - 41.6	200	
Intended to breastfeed, before birth	91.2	88.7 - 93.7	2,200	76.8	65.1 - 88.6	200	88.4*	81.4 - 95.3	400	93.3	90.0 - 96.6	900	95.8*	92.7 - 98.8	600	
Intended to breastfeed exclusively, before birth	74.4	70.5 - 78.4	1,800	54.1	39.6 - 68.5	100	67.4	57.5 - 77.2	300	80.5	74.9 - 86.1	800	80.5	73.5 - 87.6	500	
<b>Breastfeeding practices</b>																
Any breastfeeding, 1 month after delivery	86.0	82.8 - 89.1	2,000	71.3	58.4 - 84.2	200	85.1	77.5 - 92.7	400	85.1	80.2 - 89.9	900	94.7*	91.0 - 98.5	600	
Exclusive breastfeeding, 1 month after delivery	63.2	58.8 - 67.5	1,500	47.6	32.6 - 62.6	100	61.8	51.5 - 72.0	300	61.6	54.7 - 68.4	600	75.4	68.1 - 82.6	500	
Any breastfeeding, 3 months after delivery	69.2	64.3 - 74.1	1,100	35.2	19.4 - 51.1	<100	71.5	60.9 - 82.0	200	66.3	58.4 - 74.1	500	89.1	83.3 - 94.8	400	
Exclusive breastfeeding, 3 months after delivery	41.6	36.4 - 46.8	700	17.4*	4.9 - 30.0	<100	30.9	19.6 - 42.3	<100	39.7	31.3 - 48.1	300	65.0	56.4 - 73.6	300	



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Maternal and Infant Health Assessment (MIHA) Survey

	Butte County			<High School			High School Graduate or GED			Some College			College Graduate		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
<b>Service Utilization and Health Insurance Coverage</b>															
Had a usual source of pre-pregnancy care	57.9	53.5 - 62.2	1,400	56.2	42.2 - 70.2	200	57.9	47.5 - 68.3	200	54.6	47.7 - 61.5	600	63.1	55.6 - 70.6	400
Initiated prenatal care in 1st trimester	88.7	85.8 - 91.7	2,100	86.5*	77.6 - 95.3	200	84.2	76.9 - 91.5	400	85.0	79.5 - 90.5	900	97.9*	96.1 - 99.7	600
Mom or infant needed but couldn't afford care postpartum	11.0	8.1 - 13.9	300	18.5*	7.4 - 29.6	<100	11.7*	4.6 - 18.9	<100	11.1	6.5 - 15.7	100	5.8	2.5 - 9.0	<100
Participated in WIC during pregnancy†	60.2	55.9 - 64.5	1,400	84.5*	74.6 - 94.4	200	82.0	74.2 - 89.9	400	65.0	58.4 - 71.5	700	24.9	17.5 - 32.2	200
Received CalFresh (food stamps) during pregnancy	33.4	29.2 - 37.6	800	71.5	58.3 - 84.7	200	44.4	33.9 - 54.8	200	35.5	29.0 - 42.1	400	6.4*	2.6 - 10.3	<100
Pre-pregnancy insurance															
Medi-Cal	38.9	34.6 - 43.2	900	80.2	68.7 - 91.6	200	60.6	50.3 - 70.8	300	38.5	31.8 - 45.1	400	6.8	3.0 - 10.6	<100
Uninsured	15.7	12.7 - 18.8	400	9.0*	0.9 - 17.0	<100	16.6	9.8 - 23.4	<100	18.5	13.4 - 23.6	200	12.0	7.3 - 16.8	<100
Private	42.1	37.7 - 46.5	1,000	--			20.0	11.1 - 29.0	<100	38.8	31.9 - 45.6	400	79.2	73.1 - 85.3	500
Prenatal insurance															
Medi-Cal	61.7	57.4 - 65.9	1,500	--			85.6	77.6 - 93.6	400	65.5	58.9 - 72.0	700	23.6	16.9 - 30.3	100
Uninsured	1.0*	0.3 - 1.8	<100	--			--			--			--		
Private	33.7	29.6 - 37.9	800	--			13.6	5.7 - 21.5	<100	30.0	23.7 - 36.3	300	68.1	60.8 - 75.4	400
Maternal postpartum insurance															
Medi-Cal	54.2	49.8 - 58.6	1,300	88.9*	80.2 - 97.7	200	71.9	62.5 - 81.2	300	60.3	53.4 - 67.1	600	15.2	9.9 - 20.6	<100
Uninsured	6.9	4.9 - 9.0	200	--			12.3	5.7 - 18.9	<100	5.3	2.5 - 8.0	<100	7.5	3.7 - 11.3	<100
Private	37.8	33.5 - 42.1	900	--			15.8	7.9 - 23.8	<100	32.7	26.0 - 39.4	300	76.7	70.4 - 83.0	500
Infant health insurance															
Medi-Cal	64.7	60.5 - 69.0	1,500	--			87.7*	80.0 - 95.4	400	69.4	62.7 - 76.0	700	27.9	20.8 - 34.9	200
Uninsured	2.1*	0.4 - 3.8	<100	--			--			--			--		
Private	31.1	27.0 - 35.2	700	--			7.1*	1.2 - 13.1	<100	26.4	20.2 - 32.7	300	68.3	61.0 - 75.6	400
<b>Maternal Demographics</b>															
Unmarried	46.2	41.8 - 50.7	1,100	76.0	64.4 - 87.6	200	53.5	42.9 - 64.2	200	50.0	43.0 - 56.9	500	20.6	13.9 - 27.3	100
Race/Ethnicity															
White	71.6	67.7 - 75.5	1,700	69.3	56.6 - 82.0	200	62.1	51.9 - 72.3	300	73.9	67.9 - 79.8	800	78.4	71.4 - 85.4	500
Hispanic	18.0	14.6 - 21.4	400	19.1	8.9 - 29.2	<100	26.6	17.1 - 36.1	100	17.2	12.2 - 22.2	200	12.0	5.9 - 18.0	<100
Asian/Pacific Islander	6.8	4.7 - 9.0	200	--			8.8*	2.8 - 14.9	<100	6.9	3.4 - 10.4	<100	7.9	3.7 - 12.0	<100
Black	1.6	1.1 - 2.2	<100	--			--			--			--		
Born outside the U.S.	11.3	8.5 - 14.0	300	10.2*	2.1 - 18.3	<100	13.6	6.7 - 20.4	<100	8.4	4.7 - 12.0	<100	14.0	8.0 - 19.9	<100
Speaks non-English language at home	8.8	6.1 - 11.4	200	8.2*	0.5 - 16.0	<100	18.2	9.9 - 26.5	<100	6.6	3.1 - 10.1	<100	6.6*	1.7 - 11.4	<100
Lives in a high poverty neighborhood	48.1	43.6 - 52.6	1,100	67.8	54.0 - 81.5	200	58.9	48.5 - 69.2	200	44.8	37.8 - 51.8	400	37.2	29.4 - 45.1	200
Income as a percent of the Federal Poverty Guideline															
0-100%	44.1	39.6 - 48.6	1,000	88.3*	78.3 - 98.3	200	64.9	54.7 - 75.1	300	47.1	40.1 - 54.1	500	6.2	2.7 - 9.8	<100
101-200%	24.0	20.2 - 27.8	600	11.7*	1.7 - 21.7	<100	28.6	19.1 - 38.2	100	24.8	19.1 - 30.5	200	23.2	16.4 - 30.1	100
> 200%	31.9	27.7 - 36.1	700	--			6.5*	1.0 - 11.9	<100	28.1	21.6 - 34.6	300	70.5	63.2 - 77.8	400

-- Estimate not shown because the relative standard error (RSE) is greater than 50%, fewer than 5 women reported, or the weighted population denominator for the column is less than 100 women.

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

† Measure/definition may not be comparable to previous Snapshots (see Technical Notes).

Notes: MIHA is an annual population-based survey of California resident women with a live birth. Data from MIHA 2013-2015 were combined, resulting in a statewide sample size of 20,762. The sample size of Butte County was 577. 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 2013-2015. Population estimate (N) is a three-year average. 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](http://www.cdph.ca.gov/MIHA).

Table Citation: Maternal and Infant Health Assessment (MIHA) Survey County and Regional Data Snapshots for Subgroups, 2013-2015. California Department of Public Health; 2018.



# MIHA Data Snapshot, Butte County by Geographical Area, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Butte County			Urban			Rural/Frontier		
	%	95% CI	N	%	95% CI	N	%	95% CI	N
<b>Total</b>	100		2,400	41.6	37.2 - 46.0	1,000	58.4	54.0 - 62.8	1,400
<b>Health Status before Pregnancy</b>									
In good to excellent health	90.8	87.9 - 93.7	2,200	91.7	87.7 - 95.8	900	90.1	85.9 - 94.3	1,200
Chronic conditions									
Diabetes†	1.4 *	0.3 - 2.6	<100	1.7 *	0.2 - 3.3	<100	--		
Hypertension†	3.0	1.6 - 4.5	<100	3.6 *	1.1 - 6.1	<100	2.2 *	0.5 - 3.9	<100
Asthma†	12.8	9.8 - 15.8	300	13.2	8.6 - 17.7	100	12.8	8.5 - 17.0	200
<b>Nutrition and Weight</b>									
Daily folic acid use, month before pregnancy	31.1	27.0 - 35.2	700	32.2	25.9 - 38.5	300	30.6	25.1 - 36.1	400
Overweight before pregnancy	25.0	21.0 - 29.0	600	25.2	19.1 - 31.3	200	25.3	19.7 - 30.8	300
Obese before pregnancy	21.7	17.9 - 25.6	500	19.0	13.2 - 24.7	200	22.6	17.4 - 27.9	300
Inadequate weight gain during pregnancy	12.2	9.1 - 15.4	300	12.9	7.8 - 18.0	100	11.8	7.7 - 16.0	100
Excessive weight gain during pregnancy	51.0	46.3 - 55.7	1,100	51.8	44.9 - 58.8	500	50.9	44.3 - 57.4	600
Food insecurity during pregnancy	17.3	13.9 - 20.7	400	13.9	9.3 - 18.5	100	19.8	14.9 - 24.8	300
<b>Intimate Partner Violence (IPV) and Depressive Symptoms</b>									
Physical or psychological IPV during pregnancy	9.3	6.6 - 12.0	200	6.1	2.7 - 9.4	<100	11.2	7.1 - 15.3	200
Prenatal depressive symptoms	17.7	14.1 - 21.3	400	13.4	8.5 - 18.2	100	21.4	16.1 - 26.7	300
Postpartum depressive symptoms	16.2	12.9 - 19.5	400	12.8	8.0 - 17.7	100	17.6	13.1 - 22.1	200
<b>Hardships and Support during Pregnancy</b>									
Experienced two or more hardships during childhood	34.0	29.8 - 38.1	800	31.9	25.7 - 38.1	300	36.1	30.2 - 41.9	500
Homeless or did not have a regular place to sleep	3.0	1.6 - 4.5	<100	3.5 *	1.3 - 5.6	<100	2.6 *	0.7 - 4.5	<100
Moved due to problems paying rent or mortgage	7.4	5.2 - 9.6	200	6.5	3.3 - 9.7	<100	7.9	4.8 - 11.0	100
Woman or partner lost job	13.6	10.4 - 16.7	300	10.7	6.9 - 14.6	100	16.1	11.2 - 20.9	200
Woman or partner had pay or hours cut back	16.4	12.9 - 19.8	400	12.0	7.7 - 16.3	100	20.2	14.9 - 25.4	300
Became separated or divorced	7.9	5.3 - 10.5	200	6.0	2.8 - 9.2	<100	8.4	4.6 - 12.2	100
Had no practical or emotional support	3.1	1.6 - 4.7	<100	2.3 *	0.4 - 4.3	<100	3.9 *	1.6 - 6.2	<100
<b>Substance Use</b>									
Any smoking, 3 months before pregnancy	25.4	21.6 - 29.3	600	21.7	16.2 - 27.2	200	27.9	22.4 - 33.4	400
Any smoking, 3rd trimester†	11.4	8.6 - 14.3	300	6.3	3.0 - 9.5	<100	15.4	10.9 - 19.9	200
Any smoking, postpartum	17.1	13.8 - 20.5	400	11.5	7.2 - 15.8	100	20.6	15.6 - 25.5	300
Any binge drinking, 3 months before pregnancy	20.9	17.4 - 24.3	500	24.7	18.8 - 30.6	200	18.3	13.9 - 22.7	200
Any alcohol use, 3rd trimester†	6.9	4.5 - 9.3	200	10.1	5.7 - 14.4	<100	4.7 *	1.9 - 7.6	<100
<b>Pregnancy Intention and Family Planning</b>									
Mistimed or unwanted pregnancy	30.1	26.0 - 34.3	700	25.7	19.8 - 31.7	200	33.4	27.6 - 39.3	400
Unsure of pregnancy intentions	13.7	10.5 - 16.8	300	13.2	8.4 - 18.0	100	13.2	9.1 - 17.3	200
Postpartum birth control use†	85.5	82.3 - 88.7	2,000	85.4	81.0 - 89.8	800	85.5	80.9 - 90.1	1,100
<b>Infant Sleep and Breastfeeding</b>									
Placed infant on back to sleep	80.0	76.4 - 83.6	1,900	83.3	78.3 - 88.3	800	77.9	72.8 - 83.0	1,000
Infant always or often shared bed	38.8	34.4 - 43.1	900	37.9	31.2 - 44.6	400	38.8	33.0 - 44.7	500
Intended to breastfeed, before birth	91.2	88.7 - 93.7	2,200	95.8 *	93.1 - 98.5	900	87.7	83.8 - 91.6	1,200
Intended to breastfeed exclusively, before birth	74.4	70.5 - 78.4	1,800	79.4	73.5 - 85.3	800	71.4	65.9 - 77.0	1,000
Breastfeeding practices									
Any breastfeeding, 1 month after delivery	86.0	82.8 - 89.1	2,000	91.7	87.8 - 95.5	900	82.4	77.7 - 87.1	1,100
Exclusive breastfeeding, 1 month after delivery	63.2	58.8 - 67.5	1,500	70.3	64.0 - 76.7	700	58.3	52.1 - 64.4	800
Any breastfeeding, 3 months after delivery	69.2	64.3 - 74.1	1,100	80.7	74.2 - 87.2	500	61.0	54.0 - 68.0	600
Exclusive breastfeeding, 3 months after delivery	41.6	36.4 - 46.8	700	53.2	45.3 - 61.1	300	33.5	26.7 - 40.3	300



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	Butte County				Urban				Rural/Frontier			
	%	95% CI		N	%	95% CI		N	%	95% CI		N
<b>Service Utilization and Health Insurance Coverage</b>												
Had a usual source of pre-pregnancy care	57.9	53.5 - 62.2		1,400	57.8	51.2 - 64.4		600	56.6	50.6 - 62.6		800
Initiated prenatal care in 1st trimester	88.7	85.8 - 91.7		2,100	87.8	83.0 - 92.7		800	89.6	85.9 - 93.4		1,200
Mom or infant needed but couldn't afford care postpartum	11.0	8.1 - 13.9		300	8.8	5.3 - 12.4		<100	11.8	7.5 - 16.1		200
Participated in WIC during pregnancy†	60.2	55.9 - 64.5		1,400	44.6	37.8 - 51.5		400	71.1	65.9 - 76.3		900
Received CalFresh (food stamps) during pregnancy	33.4	29.2 - 37.6		800	25.2	19.4 - 31.0		200	38.1	32.1 - 44.0		500
Pre-pregnancy insurance												
Medi-Cal	38.9	34.6 - 43.2		900	26.0	20.2 - 31.8		300	47.9	41.9 - 53.9		600
Uninsured	15.7	12.7 - 18.8		400	15.7	10.8 - 20.5		200	15.2	11.3 - 19.1		200
Private	42.1	37.7 - 46.5		1,000	55.7	49.1 - 62.4		500	33.0	27.1 - 38.8		400
Prenatal insurance												
Medi-Cal	61.7	57.4 - 65.9		1,500	46.8	40.1 - 53.5		500	71.9	66.5 - 77.2		1,000
Uninsured	1.0 *	0.3 - 1.8		<100	--				--			
Private	33.7	29.6 - 37.9		800	47.4	40.7 - 54.2		500	24.2	19.1 - 29.4		300
Maternal postpartum insurance												
Medi-Cal	54.2	49.8 - 58.6		1,300	40.1	33.5 - 46.7		400	63.4	57.6 - 69.3		900
Uninsured	6.9	4.9 - 9.0		200	7.6	4.3 - 10.8		<100	6.6	3.9 - 9.4		<100
Private	37.8	33.5 - 42.1		900	51.4	44.7 - 58.2		500	28.8	23.1 - 34.4		400
Infant health insurance												
Medi-Cal	64.7	60.5 - 69.0		1,500	51.6	44.8 - 58.4		500	73.7	68.2 - 79.2		1,000
Uninsured	2.1 *	0.4 - 3.8		<100	--				3.7 *	0.7 - 6.8		<100
Private	31.1	27.0 - 35.2		700	46.5	39.6 - 53.3		400	20.3	15.3 - 25.3		300
<b>Maternal Demographics</b>												
Age												
15-19	5.7	3.2 - 8.1		100	3.1 *	0.6 - 5.6		<100	7.9	4.0 - 11.8		100
20-34	82.3	78.4 - 86.1		2,000	82.0	76.4 - 87.5		800	82.1	76.6 - 87.6		1,100
35+	12.1	8.8 - 15.4		300	15.0	9.8 - 20.1		100	10.0	5.6 - 14.4		100
Did not complete high school (or GED)	11.9	8.7 - 15.1		300	5.4	2.4 - 8.4		<100	16.0	11.1 - 20.9		200
Unmarried	46.2	41.8 - 50.7		1,100	41.2	34.4 - 48.1		400	49.2	43.1 - 55.3		700
Race/Ethnicity												
White	71.6	67.7 - 75.5		1,700	69.3	63.0 - 75.6		700	73.4	68.2 - 78.7		1,000
Hispanic	18.0	14.6 - 21.4		400	22.1	16.2 - 28.0		200	14.4	10.3 - 18.4		200
Asian/Pacific Islander	6.8	4.7 - 9.0		200	5.0	2.5 - 7.5		<100	8.5	5.1 - 11.9		100
Black	1.6	1.1 - 2.2		<100	2.6	1.4 - 3.9		<100	--			
Born outside the U.S.	11.3	8.5 - 14.0		300	8.4	4.5 - 12.3		<100	13.3	9.4 - 17.2		200
Speaks non-English language at home	8.8	6.1 - 11.4		200	6.3	2.6 - 9.9		<100	11.1	7.2 - 15.0		100
Lives in a high poverty neighborhood	48.1	43.6 - 52.6		1,100	47.8	41.0 - 54.5		500	48.4	42.2 - 54.5		700
Income as a percent of the Federal Poverty Guideline												
0-100%	44.1	39.6 - 48.6		1,000	31.0	24.7 - 37.3		300	52.7	46.5 - 58.8		700
101-200%	24.0	20.2 - 27.8		600	23.7	17.8 - 29.5		200	25.0	19.8 - 30.1		300
> 200%	31.9	27.7 - 36.1		700	45.3	38.5 - 52.2		400	22.3	17.2 - 27.5		300

-- Estimate not shown because the relative standard error (RSE) is greater than 50%, fewer than 5 women reported, or the weighted population denominator for the column is less than 100 women.

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

† Measure/definition may not be comparable to previous Snapshots (see Technical Notes).

Notes: MIHA is an annual population-based survey of California resident women with a live birth. Data from MIHA 2013-2015 were combined, resulting in a statewide sample size of 20,762. The sample size of Butte County was 577. 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 2013-2015. Population estimate (N) is a three-year average. Urban and Rural/Frontier designations are based on the population size or densities of Medical Service Study Areas. 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](http://www.cdph.ca.gov/MIHA).



# MIHA Data Snapshot, Butte County by Income, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Butte County			0-100% Federal Poverty Guideline			101-200% Federal Poverty Guideline			> 200% Federal Poverty Guideline		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
<b>Total</b>	100		2,400	44.1	39.6 - 48.6	1,000	24.0	20.2 - 27.8	600	31.9	27.7 - 36.1	700
<b>Health Status before Pregnancy</b>												
In good to excellent health	90.8	87.9 - 93.7	2,200	85.5	80.1 - 90.9	900	94.0*	90.3 - 97.8	500	--		
Chronic conditions												
Diabetes†	1.4*	0.3 - 2.6	<100	--			--			--		
Hypertension†	3.0	1.6 - 4.5	<100	3.7*	1.3 - 6.1	<100	4.9*	0.8 - 8.9	<100	--		
Asthma†	12.8	9.8 - 15.8	300	13.4	8.4 - 18.3	100	12.0	6.0 - 18.1	<100	11.2	6.5 - 16.0	<100
<b>Nutrition and Weight</b>												
Daily folic acid use, month before pregnancy	31.1	27.0 - 35.2	700	16.9	12.0 - 21.8	200	25.1	17.8 - 32.3	100	54.6	46.8 - 62.4	400
Overweight before pregnancy	25.0	21.0 - 29.0	600	21.4	15.7 - 27.1	200	26.0	17.7 - 34.2	100	29.2	21.4 - 37.0	200
Obese before pregnancy	21.7	17.9 - 25.6	500	27.5	21.0 - 34.0	300	22.4	14.8 - 30.0	100	14.4	8.4 - 20.4	100
Inadequate weight gain during pregnancy	12.2	9.1 - 15.4	300	11.8	7.0 - 16.6	<100	13.8	6.8 - 20.7	<100	12.8	7.1 - 18.6	<100
Excessive weight gain during pregnancy	51.0	46.3 - 55.7	1,100	54.3	46.7 - 61.8	500	45.2	36.0 - 54.4	200	52.6	44.5 - 60.8	400
Food insecurity during pregnancy	17.3	13.9 - 20.7	400	30.6	24.1 - 37.0	300	14.7	8.5 - 20.8	<100	--		
<b>Intimate Partner Violence (IPV) and Depressive Symptoms</b>												
Physical or psychological IPV during pregnancy	9.3	6.6 - 12.0	200	14.8	9.5 - 20.1	200	10.1	4.6 - 15.5	<100	--		
Prenatal depressive symptoms	17.7	14.1 - 21.3	400	29.3	22.7 - 36.0	300	9.1	4.2 - 14.0	<100	8.2	3.7 - 12.7	<100
Postpartum depressive symptoms	16.2	12.9 - 19.5	400	22.4	16.8 - 28.1	200	14.2	7.4 - 21.0	<100	7.9	3.8 - 12.0	<100
<b>Hardships and Support during Pregnancy</b>												
Experienced two or more hardships during childhood	34.0	29.8 - 38.1	800	43.1	36.2 - 50.1	400	37.8	28.9 - 46.6	200	21.8	15.7 - 27.8	200
Homeless or did not have a regular place to sleep	3.0	1.6 - 4.5	<100	7.0	3.8 - 10.3	<100	--			--		
Moved due to problems paying rent or mortgage	7.4	5.2 - 9.6	200	14.1	9.5 - 18.7	100	3.7*	0.6 - 6.9	<100	--		
Woman or partner lost job	13.6	10.4 - 16.7	300	18.1	12.7 - 23.5	200	15.9	9.6 - 22.2	<100	6.5*	1.1 - 11.9	<100
Woman or partner had pay or hours cut back	16.4	12.9 - 19.8	400	20.0	14.2 - 25.8	200	21.4	14.2 - 28.5	100	7.1*	1.6 - 12.6	<100
Became separated or divorced	7.9	5.3 - 10.5	200	14.6	9.2 - 20.0	100	3.8*	0.8 - 6.7	<100	--		
Had no practical or emotional support	3.1	1.6 - 4.7	<100	4.8*	1.9 - 7.7	<100	4.8*	1.1 - 8.5	<100	--		
<b>Substance Use</b>												
Any smoking, 3 months before pregnancy	25.4	21.6 - 29.3	600	38.1	31.3 - 44.8	400	29.2	20.5 - 37.9	200	6.4	3.2 - 9.7	<100
Any smoking, 3rd trimester†	11.4	8.6 - 14.3	300	20.8	15.2 - 26.4	200	9.1*	3.5 - 14.8	<100	--		
Any smoking, postpartum	17.1	13.8 - 20.5	400	28.3	22.1 - 34.6	300	17.2	9.9 - 24.6	<100	2.9*	0.6 - 5.2	<100
Any binge drinking, 3 months before pregnancy	20.9	17.4 - 24.3	500	17.4	12.3 - 22.4	200	25.0	17.5 - 32.6	100	23.6	17.0 - 30.2	200
Any alcohol use, 3rd trimester†	6.9	4.5 - 9.3	200	5.9*	2.1 - 9.7	<100	4.2*	1.2 - 7.2	<100	10.2	5.1 - 15.2	<100
<b>Pregnancy Intention and Family Planning</b>												
Mistimed or unwanted pregnancy	30.1	26.0 - 34.3	700	35.5	28.6 - 42.4	400	29.7	21.7 - 37.7	200	22.9	16.1 - 29.8	200
Unsure of pregnancy intentions	13.7	10.5 - 16.8	300	17.4	12.2 - 22.6	200	20.7	12.9 - 28.4	100	--		
Postpartum birth control use†	85.5	82.3 - 88.7	2,000	80.7	74.9 - 86.5	800	88.2	82.4 - 94.1	500	89.3	84.7 - 93.9	700
<b>Infant Sleep and Breastfeeding</b>												
Placed infant on back to sleep	80.0	76.4 - 83.6	1,900	79.3	73.4 - 85.3	800	71.4	63.0 - 79.7	400	87.4	82.8 - 92.0	600
Infant always or often shared bed	38.8	34.4 - 43.1	900	43.3	36.3 - 50.4	400	45.3	36.4 - 54.3	200	27.0	20.0 - 34.1	200
Intended to breastfeed, before birth	91.2	88.7 - 93.7	2,200	86.2	81.4 - 91.0	900	94.8*	91.2 - 98.4	500	95.7*	92.4 - 98.9	700
Intended to breastfeed exclusively, before birth	74.4	70.5 - 78.4	1,800	66.6	59.8 - 73.4	700	77.7	70.5 - 84.8	400	84.4	78.0 - 90.8	600
Breastfeeding practices												
Any breastfeeding, 1 month after delivery	86.0	82.8 - 89.1	2,000	78.5	72.5 - 84.5	800	92.8	88.6 - 96.9	500	91.1	86.8 - 95.4	700
Exclusive breastfeeding, 1 month after delivery	63.2	58.8 - 67.5	1,500	53.4	46.2 - 60.6	500	68.3	60.2 - 76.4	400	74.1	67.1 - 81.2	500
Any breastfeeding, 3 months after delivery	69.2	64.3 - 74.1	1,100	55.3	47.1 - 63.6	400	74.6	65.3 - 83.8	300	85.8	79.8 - 91.7	500
Exclusive breastfeeding, 3 months after delivery	41.6	36.4 - 46.8	700	28.4	20.9 - 35.8	200	39.8	29.2 - 50.3	100	63.9	54.6 - 73.2	300



# MIHA Data Snapshot, Butte County by Income, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Butte County			0-100% Federal Poverty Guideline			101-200% Federal Poverty Guideline			> 200% Federal Poverty Guideline		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
<b>Service Utilization and Health Insurance Coverage</b>												
Had a usual source of pre-pregnancy care	57.9	53.5 - 62.2	1,400	57.3	50.5 - 64.1	600	48.8	39.9 - 57.6	300	64.6	56.9 - 72.3	500
Initiated prenatal care in 1st trimester	88.7	85.8 - 91.7	2,100	81.7	76.1 - 87.3	800	89.1	83.1 - 95.0	500	--		
Mom or infant needed but couldn't afford care postpartum	11.0	8.1 - 13.9	300	15.3	9.6 - 20.9	200	9.6	4.9 - 14.3	<100	4.1 *	1.5 - 6.7	<100
Participated in WIC during pregnancy†	60.2	55.9 - 64.5	1,400	86.2	81.5 - 91.0	900	71.4	63.4 - 79.3	400	14.8	7.7 - 21.9	100
Received CalFresh (food stamps) during pregnancy	33.4	29.2 - 37.6	800	66.5	59.8 - 73.2	700	17.9	10.8 - 24.9	<100	--		
Pre-pregnancy insurance												
Medi-Cal	38.9	34.6 - 43.2	900	68.5	62.0 - 75.0	700	32.2	23.7 - 40.7	200	3.7 *	0.6 - 6.8	<100
Uninsured	15.7	12.7 - 18.8	400	16.2	11.3 - 21.1	200	22.6	15.5 - 29.7	100	9.1	4.9 - 13.3	<100
Private	42.1	37.7 - 46.5	1,000	12.0	7.0 - 17.0	100	40.5	31.8 - 49.3	200	85.0	79.6 - 90.4	600
Prenatal insurance												
Medi-Cal	61.7	57.4 - 65.9	1,500	92.3	87.9 - 96.6	900	73.0	65.3 - 80.7	400	10.5	4.5 - 16.5	<100
Uninsured	1.0 *	0.3 - 1.8	<100	--			--			--		
Private	33.7	29.6 - 37.9	800	6.3 *	2.2 - 10.5	<100	22.3	15.0 - 29.5	100	80.4	73.6 - 87.2	600
Maternal postpartum insurance												
Medi-Cal	54.2	49.8 - 58.6	1,300	89.4	84.9 - 93.9	900	53.7	44.9 - 62.6	300	6.7	3.0 - 10.5	<100
Uninsured	6.9	4.9 - 9.0	200	4.8	2.1 - 7.6	<100	10.8	5.8 - 15.8	<100	6.0	2.5 - 9.6	<100
Private	37.8	33.5 - 42.1	900	5.2 *	1.4 - 9.1	<100	33.8	25.3 - 42.3	200	85.9	80.7 - 91.2	600
Infant health insurance												
Medi-Cal	64.7	60.5 - 69.0	1,500	95.2 *	91.2 - 99.2	1,000	76.1	68.7 - 83.6	400	13.8	8.5 - 19.1	100
Uninsured	2.1 *	0.4 - 3.8	<100	--			--			--		
Private	31.1	27.0 - 35.2	700	--			17.3	10.7 - 24.0	<100	82.7	77.0 - 88.4	600
<b>Maternal Demographics</b>												
Did not complete high school (or GED)	11.9	8.7 - 15.1	300	22.9	16.7 - 29.1	200	5.7 *	0.7 - 10.7	<100	--		
Unmarried	46.2	41.8 - 50.7	1,100	68.1	61.8 - 74.4	700	44.6	35.7 - 53.6	200	16.9	10.6 - 23.1	100
Race/Ethnicity												
White	71.6	67.7 - 75.5	1,700	65.1	58.6 - 71.7	700	68.9	60.8 - 77.0	400	85.2	79.2 - 91.2	600
Hispanic	18.0	14.6 - 21.4	400	20.6	15.0 - 26.2	200	23.3	15.9 - 30.6	100	8.1 *	3.0 - 13.1	<100
Asian/Pacific Islander	6.8	4.7 - 9.0	200	8.6	4.7 - 12.6	<100	5.7 *	2.2 - 9.2	<100	4.7 *	1.6 - 7.9	<100
Black	1.6	1.1 - 2.2	<100	2.5 *	1.0 - 4.1	<100	--			--		
Born outside the U.S.	11.3	8.5 - 14.0	300	9.7	5.8 - 13.5	<100	12.5	7.1 - 18.0	<100	8.2 *	3.2 - 13.1	<100
Speaks non-English language at home	8.8	6.1 - 11.4	200	10.8	6.1 - 15.4	100	9.8	4.9 - 14.7	<100	4.2 *	0.3 - 8.0	<100
Lives in a high poverty neighborhood	48.1	43.6 - 52.6	1,100	61.0	54.0 - 68.0	600	50.3	41.3 - 59.3	300	30.1	22.8 - 37.3	200

-- Estimate not shown because the relative standard error (RSE) is greater than 50%, fewer than 5 women reported, or the weighted population denominator for the column is less than 100 women.

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

† Measure/definition may not be comparable to previous Snapshots (see Technical Notes).

Notes: MIHA is an annual population-based survey of California resident women with a live birth. Data from MIHA 2013-2015 were combined, resulting in a statewide sample size of 20,762. The sample size of Butte County was 577. 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 2013-2015. Population estimate (N) is a three-year average. 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](http://www.cdph.ca.gov/MIHA).

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# MIHA Data Snapshot, Butte County by Maternal Age, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Butte County			15-19 Years			20-34 Years			35 Years or Older		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
<b>Total</b>	100		2,400	5.7	3.2 - 8.1	100	82.3	78.4 - 86.1	2,000	12.1	8.8 - 15.4	300
<b>Health Status before Pregnancy</b>												
In good to excellent health	90.8	87.9 - 93.7	2,200	74.5 *	51.1 - 97.8	100	90.8	87.8 - 93.8	1,800	--		
Chronic conditions												
Diabetes†	1.4 *	0.3 - 2.6	<100	--			1.5 *	0.2 - 2.7	<100	--		
Hypertension†	3.0	1.6 - 4.5	<100	--			3.4	1.7 - 5.1	<100	--		
Asthma†	12.8	9.8 - 15.8	300	--			12.8	9.7 - 15.9	300	10.5 *	0.2 - 20.7	<100
<b>Nutrition and Weight</b>												
Daily folic acid use, month before pregnancy	31.1	27.0 - 35.2	700	--			31.1	26.8 - 35.3	600	41.1	26.3 - 55.9	100
Overweight before pregnancy	25.0	21.0 - 29.0	600	--			24.1	20.0 - 28.2	500	35.7	20.3 - 51.0	100
Obese before pregnancy	21.7	17.9 - 25.6	500	--			22.1	18.0 - 26.2	400	20.2 *	7.6 - 32.7	<100
Inadequate weight gain during pregnancy	12.2	9.1 - 15.4	300	--			12.4	8.8 - 16.0	200	9.6 *	3.0 - 16.2	<100
Excessive weight gain during pregnancy	51.0	46.3 - 55.7	1,100	70.9 *	51.8 - 90.1	<100	48.7	43.7 - 53.6	800	57.3	42.4 - 72.2	200
Food insecurity during pregnancy	17.3	13.9 - 20.7	400	36.6 *	13.1 - 60.2	<100	17.5	14.0 - 21.0	300	6.8 *	0.4 - 13.2	<100
<b>Intimate Partner Violence (IPV) and Depressive Symptoms</b>												
Physical or psychological IPV during pregnancy	9.3	6.6 - 12.0	200	28.2 *	8.0 - 48.5	<100	8.1	5.5 - 10.6	200	--		
Prenatal depressive symptoms	17.7	14.1 - 21.3	400	28.2 *	5.4 - 51.0	<100	17.3	13.5 - 21.1	300	15.9 *	4.9 - 27.0	<100
Postpartum depressive symptoms	16.2	12.9 - 19.5	400	--			16.0	12.5 - 19.6	300	16.9 *	6.2 - 27.6	<100
<b>Hardships and Support during Pregnancy</b>												
Experienced two or more hardships during childhood	34.0	29.8 - 38.1	800	--			37.3	32.7 - 41.8	700	16.8	6.9 - 26.6	<100
Homeless or did not have a regular place to sleep	3.0	1.6 - 4.5	<100	--			3.5	1.8 - 5.2	<100	--		
Moved due to problems paying rent or mortgage	7.4	5.2 - 9.6	200	--			7.8	5.3 - 10.4	200	5.7 *	0.4 - 10.9	<100
Woman or partner lost job	13.6	10.4 - 16.7	300	--			12.0	9.0 - 14.9	200	21.1 *	7.4 - 34.9	<100
Woman or partner had pay or hours cut back	16.4	12.9 - 19.8	400	--			15.8	12.4 - 19.2	300	24.6 *	9.1 - 40.1	<100
Became separated or divorced	7.9	5.3 - 10.5	200	--			6.6	4.3 - 9.0	100	14.5 *	1.9 - 27.1	<100
Had no practical or emotional support	3.1	1.6 - 4.7	<100	--			2.9	1.3 - 4.6	<100	--		
<b>Substance Use</b>												
Any smoking, 3 months before pregnancy	25.4	21.6 - 29.3	600	25.2 *	6.4 - 43.9	<100	27.4	23.2 - 31.7	500	11.6 *	2.4 - 20.9	<100
Any smoking, 3rd trimester†	11.4	8.6 - 14.3	300	--			12.4	9.1 - 15.7	200	5.9 *	0.5 - 11.3	<100
Any smoking, postpartum	17.1	13.8 - 20.5	400	20.5 *	4.1 - 37.0	<100	18.5	14.7 - 22.3	400	5.9 *	0.5 - 11.3	<100
Any binge drinking, 3 months before pregnancy	20.9	17.4 - 24.3	500	--			23.6	19.6 - 27.5	500	5.8 *	1.1 - 10.5	<100
Any alcohol use, 3rd trimester†	6.9	4.5 - 9.3	200	--			7.7	4.9 - 10.6	200	4.7 *	0.8 - 8.6	<100
<b>Pregnancy Intention and Family Planning</b>												
Mistimed or unwanted pregnancy	30.1	26.0 - 34.3	700	51.8	29.5 - 74.2	<100	29.4	25.1 - 33.7	600	25.0	11.0 - 38.9	<100
Unsure of pregnancy intentions	13.7	10.5 - 16.8	300	23.6 *	6.6 - 40.5	<100	12.7	9.4 - 16.0	200	15.5 *	5.1 - 25.9	<100
Postpartum birth control use†	85.5	82.3 - 88.7	2,000	64.4 *	42.4 - 86.5	<100	87.7	84.6 - 90.8	1,700	80.3	69.2 - 91.4	200
<b>Infant Sleep and Breastfeeding</b>												
Placed infant on back to sleep	80.0	76.4 - 83.6	1,900	79.0 *	59.6 - 98.4	100	81.8	78.1 - 85.4	1,600	68.0	54.0 - 82.0	200
Infant always or often shared bed	38.8	34.4 - 43.1	900	34.1	14.8 - 53.5	<100	39.2	34.6 - 43.9	800	37.7	23.6 - 51.8	100
Intended to breastfeed, before birth	91.2	88.7 - 93.7	2,200	--			90.3	87.4 - 93.2	1,800	94.7 *	90.0 - 99.3	300
Intended to breastfeed exclusively, before birth	74.4	70.5 - 78.4	1,800	68.1 *	47.9 - 88.2	<100	74.3	70.0 - 78.6	1,500	78.5	65.9 - 91.0	200
Breastfeeding practices												
Any breastfeeding, 1 month after delivery	86.0	82.8 - 89.1	2,000	--			84.6	81.0 - 88.2	1,600	94.0 *	89.0 - 99.0	300
Exclusive breastfeeding, 1 month after delivery	63.2	58.8 - 67.5	1,500	70.0 *	49.8 - 90.2	<100	62.4	57.8 - 67.0	1,200	65.7	50.5 - 80.9	200
Any breastfeeding, 3 months after delivery	69.2	64.3 - 74.1	1,100	48.3	23.7 - 73.0	<100	69.3	64.0 - 74.6	900	81.7 *	67.4 - 96.1	100
Exclusive breastfeeding, 3 months after delivery	41.6	36.4 - 46.8	700	32.3 *	7.5 - 57.0	<100	42.5	37.0 - 48.0	600	41.0	23.1 - 58.9	<100



# MIHA Data Snapshot, Butte County by Maternal Age, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Butte County				15-19 Years			20-34 Years			35 Years or Older		
	%	95% CI		N	%	95% CI	N	%	95% CI	N	%	95% CI	N
<b>Service Utilization and Health Insurance Coverage</b>													
Had a usual source of pre-pregnancy care	57.9	53.5 - 62.2		1,400	70.6*	50.3 - 90.8	<100	56.0	51.3 - 60.6	1,100	65.0	50.3 - 79.6	200
Initiated prenatal care in 1st trimester	88.7	85.8 - 91.7		2,100	63.2*	40.6 - 85.9	<100	90.0	87.2 - 92.7	1,800	--		
Mom or infant needed but couldn't afford care postpartum	11.0	8.1 - 13.9		300	--			10.0	7.1 - 12.9	200	12.4*	3.7 - 21.1	<100
Participated in WIC during pregnancy†	60.2	55.9 - 64.5		1,400	--			60.7	56.1 - 65.3	1,200	41.4	25.9 - 56.9	100
Received CalFresh (food stamps) during pregnancy	33.4	29.2 - 37.6		800	50.7	28.2 - 73.2	<100	32.7	28.3 - 37.1	600	30.1	15.7 - 44.4	<100
<b>Pre-pregnancy insurance</b>													
Medi-Cal	38.9	34.6 - 43.2		900	67.5*	45.4 - 89.6	<100	37.7	33.1 - 42.2	700	34.0	19.5 - 48.5	<100
Uninsured	15.7	12.7 - 18.8		400	--			17.5	14.0 - 21.0	300	8.7*	1.5 - 15.8	<100
Private	42.1	37.7 - 46.5		1,000	--			41.3	36.6 - 45.9	800	57.3	42.5 - 72.1	200
<b>Prenatal insurance</b>													
Medi-Cal	61.7	57.4 - 65.9		1,500	77.9*	56.4 - 99.4	100	61.9	57.4 - 66.4	1,200	52.5	37.9 - 67.1	200
Uninsured	1.0*	0.3 - 1.8		<100	--			1.3*	0.3 - 2.2	<100	--		
Private	33.7	29.6 - 37.9		800	--			33.4	29.0 - 37.8	700	41.5	27.5 - 55.6	100
<b>Maternal postpartum insurance</b>													
Medi-Cal	54.2	49.8 - 58.6		1,300	72.4*	50.7 - 94.0	<100	55.2	50.6 - 59.8	1,100	39.1	24.4 - 53.9	100
Uninsured	6.9	4.9 - 9.0		200	--			7.4	5.1 - 9.8	100	5.6*	0.6 - 10.6	<100
Private	37.8	33.5 - 42.1		900	25.0*	3.5 - 46.6	<100	36.1	31.6 - 40.6	700	55.2	40.5 - 70.0	200
<b>Infant health insurance</b>													
Medi-Cal	64.7	60.5 - 69.0		1,500	--			65.2	60.7 - 69.6	1,300	50.3	35.0 - 65.7	100
Uninsured	2.1*	0.4 - 3.8		<100	--			1.7*	0.3 - 3.0	<100	--		
Private	31.1	27.0 - 35.2		700	--			30.8	26.5 - 35.1	600	48.7	33.3 - 64.0	100
<b>Maternal Demographics</b>													
Did not complete high school (or GED)	11.9	8.7 - 15.1		300	35.1*	13.9 - 56.4	<100	10.4	7.3 - 13.6	200	--		
Unmarried	46.2	41.8 - 50.7		1,100	--			44.9	40.2 - 49.5	900	36.7	21.1 - 52.2	100
<b>Race/Ethnicity</b>													
White	71.6	67.7 - 75.5		1,700	76.8*	60.8 - 92.7	100	70.7	66.4 - 75.0	1,400	75.0	63.4 - 86.7	200
Hispanic	18.0	14.6 - 21.4		400	--			18.2	14.5 - 22.0	400	18.8	8.2 - 29.5	<100
Asian/Pacific Islander	6.8	4.7 - 9.0		200	--			6.9	4.4 - 9.3	100	6.1*	0.7 - 11.6	<100
Black	1.6	1.1 - 2.2		<100	--			1.9	1.1 - 2.6	<100	--		
Born outside the U.S.	11.3	8.5 - 14.0		300	--			10.7	7.7 - 13.6	200	20.9	10.0 - 31.8	<100
Speaks non-English language at home	8.8	6.1 - 11.4		200	--			8.7	5.7 - 11.6	200	12.7*	3.4 - 22.0	<100
Lives in a high poverty neighborhood	48.1	43.6 - 52.6		1,100	83.3*	68.1 - 98.6	100	46.2	41.4 - 51.0	900	44.2	29.4 - 59.0	100

-- Estimate not shown because the relative standard error (RSE) is greater than 50%, fewer than 5 women reported, or the weighted population denominator for the column is less than 100 women.

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

† Measure/definition may not be comparable to previous Snapshots (see Technical Notes).

Notes: MIHA is an annual population-based survey of California resident women with a live birth. Data from MIHA 2013-2015 were combined, resulting in a statewide sample size of 20,762. The sample size of Butte County was 577. 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 2013-2015. Population estimate (N) is a three-year average. 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](http://www.cdph.ca.gov/MIHA).

Table Citation: Maternal and Infant Health Assessment (MIHA) Survey County and Regional Data Snapshots for Subgroups, 2013-2015. California Department of Public Health; 2018.





# MIHA Data Snapshot, Butte County by Neighborhood Poverty, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Butte County			0-4.9% of Residents below Poverty			5-9.9% of Residents below Poverty			10-19.9% of Residents below Poverty			≥ 20% of Residents below Poverty		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
<b>Total</b>	100		2,400	2.0	0.9 - 3.2	<100	11.9	9.3 - 14.5	300	38.0	33.5 - 42.4	900	48.1	43.6 - 52.6	1,100
<b>Health Status before Pregnancy</b>															
In good to excellent health	90.8	87.9 - 93.7	2,200	--			95.0*	90.3 - 99.8	300	92.3	87.8 - 96.7	800	88.2	83.3 - 93.0	1,000
Chronic conditions															
Diabetes†	1.4*	0.3 - 2.6	<100	--			--			--			1.7*	0.2 - 3.2	<100
Hypertension†	3.0	1.6 - 4.5	<100	--			--			2.1*	0.2 - 4.0	<100	4.1*	1.5 - 6.7	<100
Asthma†	12.8	9.8 - 15.8	300	--			9.9*	2.8 - 17.0	<100	12.5	7.2 - 17.8	100	13.4	9.0 - 17.9	100
<b>Nutrition and Weight</b>															
Daily folic acid use, month before pregnancy	31.1	27.0 - 35.2	700	44.7*	15.6 - 73.8	<100	42.5	31.4 - 53.6	100	38.6	31.2 - 46.0	300	22.1	16.9 - 27.3	200
Overweight before pregnancy	25.0	21.0 - 29.0	600	--			23.7	14.0 - 33.4	<100	25.7	18.6 - 32.9	200	25.9	20.1 - 31.7	300
Obese before pregnancy	21.7	17.9 - 25.6	500	--			17.1	8.0 - 26.2	<100	21.4	14.8 - 28.0	200	21.2	15.6 - 26.8	200
Inadequate weight gain during pregnancy	12.2	9.1 - 15.4	300	--			14.6*	5.9 - 23.4	<100	11.2	6.6 - 15.8	<100	13.1	7.9 - 18.4	100
Excessive weight gain during pregnancy	51.0	46.3 - 55.7	1,100	61.7*	33.1 - 90.4	<100	37.4	26.5 - 48.4	<100	53.8	46.0 - 61.5	400	52.6	45.4 - 59.8	500
Food insecurity during pregnancy	17.3	13.9 - 20.7	400	--			13.8	5.7 - 21.8	<100	13.7	8.7 - 18.6	100	21.3	15.6 - 27.0	200
<b>Intimate Partner Violence (IPV) and Depressive Symptoms</b>															
Physical or psychological IPV during pregnancy	9.3	6.6 - 12.0	200	--			--			7.8*	3.2 - 12.4	<100	12.0	7.7 - 16.4	100
Prenatal depressive symptoms	17.7	14.1 - 21.3	400	--			8.6*	2.2 - 15.1	<100	17.6	11.5 - 23.8	200	20.8	15.0 - 26.5	200
Postpartum depressive symptoms	16.2	12.9 - 19.5	400	--			10.2*	2.8 - 17.7	<100	15.2	10.0 - 20.5	100	17.3	12.1 - 22.5	200
<b>Hardships and Support during Pregnancy</b>															
Experienced two or more hardships during childhood	34.0	29.8 - 38.1	800	--			23.2	13.5 - 32.8	<100	30.6	23.9 - 37.3	300	40.7	34.2 - 47.2	400
Homeless or did not have a regular place to sleep	3.0	1.6 - 4.5	<100	--			--			2.3*	0.1 - 4.6	<100	3.9	1.7 - 6.1	<100
Moved due to problems paying rent or mortgage	7.4	5.2 - 9.6	200	--			--			8.0	4.0 - 12.0	<100	7.8	4.4 - 11.1	<100
Woman or partner lost job	13.6	10.4 - 16.7	300	--			15.8	7.6 - 24.0	<100	9.5	4.3 - 14.8	<100	17.3	12.3 - 22.4	200
Woman or partner had pay or hours cut back	16.4	12.9 - 19.8	400	--			14.0	6.3 - 21.7	<100	19.9	13.2 - 26.7	200	15.6	10.9 - 20.4	200
Became separated or divorced	7.9	5.3 - 10.5	200	--			--			8.8	4.0 - 13.6	<100	8.5	4.7 - 12.3	<100
Had no practical or emotional support	3.1	1.6 - 4.7	<100	--			--			3.7*	0.9 - 6.5	<100	3.8*	1.4 - 6.3	<100
<b>Substance Use</b>															
Any smoking, 3 months before pregnancy	25.4	21.6 - 29.3	600	--			11.8*	4.6 - 19.1	<100	21.6	15.6 - 27.6	200	31.9	25.7 - 38.1	400
Any smoking, 3rd trimester†	11.4	8.6 - 14.3	300	--			--			9.1	4.7 - 13.6	<100	16.0	11.2 - 20.9	200
Any smoking, postpartum	17.1	13.8 - 20.5	400	--			--			13.6	8.6 - 18.6	100	23.4	17.7 - 29.1	300
Any binge drinking, 3 months before pregnancy	20.9	17.4 - 24.3	500	--			19.0	10.4 - 27.6	<100	22.2	16.1 - 28.4	200	20.2	15.2 - 25.2	200
Any alcohol use, 3rd trimester†	6.9	4.5 - 9.3	200	--			--			9.0	4.2 - 13.7	<100	6.3	3.0 - 9.6	<100
<b>Pregnancy Intention and Family Planning</b>															
Mistimed or unwanted pregnancy	30.1	26.0 - 34.3	700	--			33.7	22.7 - 44.7	<100	33.5	26.4 - 40.7	300	27.0	20.9 - 33.1	300
Unsure of pregnancy intentions	13.7	10.5 - 16.8	300	--			6.4*	0.8 - 12.1	<100	10.5	5.8 - 15.1	<100	16.7	11.8 - 21.7	200
Postpartum birth control use†	85.5	82.3 - 88.7	2,000	--			92.1*	86.1 - 98.1	200	87.6	83.1 - 92.1	800	82.0	76.6 - 87.4	900
<b>Infant Sleep and Breastfeeding</b>															
Placed infant on back to sleep	80.0	76.4 - 83.6	1,900	70.0*	45.1 - 95.0	<100	81.5	72.4 - 90.6	200	82.8	77.5 - 88.1	700	78.2	72.4 - 84.0	900
Infant always or often shared bed	38.8	34.4 - 43.1	900	--			41.0	29.5 - 52.5	100	42.7	35.2 - 50.2	400	34.9	28.7 - 41.1	400
Intended to breastfeed, before birth	91.2	88.7 - 93.7	2,200	--			--			94.5	91.4 - 97.6	800	87.3	83.0 - 91.7	1,000
Intended to breastfeed exclusively, before birth	74.4	70.5 - 78.4	1,800	--			80.2	70.8 - 89.5	200	80.8	74.5 - 87.0	700	68.0	61.7 - 74.3	800
<b>Breastfeeding practices</b>															
Any breastfeeding, 1 month after delivery	86.0	82.8 - 89.1	2,000	--			--			90.5	86.5 - 94.4	800	81.3	76.0 - 86.7	900
Exclusive breastfeeding, 1 month after delivery	63.2	58.8 - 67.5	1,500	65.1*	34.2 - 96.0	<100	68.7	57.6 - 79.8	200	65.0	57.7 - 72.4	500	60.6	54.1 - 67.2	700
Any breastfeeding, 3 months after delivery	69.2	64.3 - 74.1	1,100	--			82.8*	71.5 - 94.0	100	74.0	66.5 - 81.6	400	62.0	54.4 - 69.5	500
Exclusive breastfeeding, 3 months after delivery	41.6	36.4 - 46.8	700	--			53.2	39.4 - 67.0	<100	47.8	39.0 - 56.7	300	34.5	27.0 - 42.0	300

MIHA is a collaborative effort of the Maternal, Child and Adolescent Health Division and the Women, Infants and Children Division in the California Department of Public Health and the Center on Social Disparities in Health at the University of California San Francisco.



# MIHA Data Snapshot, Butte County by Neighborhood Poverty, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Butte County			0-4.9% of Residents below Poverty			5-9.9% of Residents below Poverty			10-19.9% of Residents below Poverty			≥ 20% of Residents below Poverty		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
<b>Service Utilization and Health Insurance Coverage</b>															
Had a usual source of pre-pregnancy care	57.9	53.5 - 62.2	1,400	--			54.8	43.6 - 66.1	200	58.3	50.9 - 65.7	500	55.6	49.2 - 62.1	600
Initiated prenatal care in 1st trimester	88.7	85.8 - 91.7	2,100	--			91.0 *	84.4 - 97.5	200	89.9	85.4 - 94.4	800	88.0	83.3 - 92.8	1,000
Mom or infant needed but couldn't afford care postpartum	11.0	8.1 - 13.9	300	--			--			10.1	5.5 - 14.8	<100	12.0	7.4 - 16.5	100
Participated in WIC during pregnancy†	60.2	55.9 - 64.5	1,400	--			41.8	30.2 - 53.5	100	51.4	43.8 - 59.0	400	72.3	66.7 - 77.8	800
Received CalFresh (food stamps) during pregnancy	33.4	29.2 - 37.6	800	--			16.5	7.8 - 25.2	<100	26.2	19.7 - 32.7	200	43.1	36.5 - 49.6	500
Pre-pregnancy insurance															
Medi-Cal	38.9	34.6 - 43.2	900	--			23.8	14.0 - 33.6	<100	36.6	29.4 - 43.8	300	44.7	38.1 - 51.3	500
Uninsured	15.7	12.7 - 18.8	400	--			12.7	5.3 - 20.0	<100	12.7	8.3 - 17.2	100	18.8	13.8 - 23.8	200
Private	42.1	37.7 - 46.5	1,000	74.6 *	50.2 - 99.0	<100	59.9	48.8 - 71.0	200	46.8	39.3 - 54.3	400	33.4	27.1 - 39.7	400
Prenatal insurance															
Medi-Cal	61.7	57.4 - 65.9	1,500	--			36.6	25.7 - 47.6	100	59.6	52.3 - 66.9	500	70.5	64.4 - 76.5	800
Uninsured	1.0 *	0.3 - 1.8	<100	--			--			--			--		
Private	33.7	29.6 - 37.9	800	66.8 *	40.3 - 93.3	<100	56.8	45.5 - 68.1	200	36.0	28.8 - 43.1	300	25.2	19.3 - 31.1	300
Maternal postpartum insurance															
Medi-Cal	54.2	49.8 - 58.6	1,300	--			33.4	22.7 - 44.0	<100	50.7	43.1 - 58.3	400	62.7	56.4 - 69.0	700
Uninsured	6.9	4.9 - 9.0	200	--			--			7.1	3.5 - 10.7	<100	7.6	4.6 - 10.7	<100
Private	37.8	33.5 - 42.1	900	--			61.2	50.1 - 72.2	200	40.9	33.4 - 48.5	400	28.5	22.5 - 34.5	300
Infant health insurance															
Medi-Cal	64.7	60.5 - 69.0	1,500	--			38.2	26.9 - 49.4	100	63.6	56.1 - 71.0	500	73.3	67.4 - 79.3	800
Uninsured	2.1 *	0.4 - 3.8	<100	--			--			--			--		
Private	31.1	27.0 - 35.2	700	--			59.6	48.3 - 70.9	200	33.2	25.8 - 40.6	300	20.8	15.7 - 26.0	200
<b>Maternal Demographics</b>															
Age															
15-19	5.7	3.2 - 8.1	100	--			--			--			10.2	5.4 - 15.0	100
20-34	82.3	78.4 - 86.1	2,000	--			90.2 *	84.0 - 96.4	200	83.5	76.8 - 90.3	700	78.7	72.8 - 84.7	900
35+	12.1	8.8 - 15.4	300	--			9.8 *	3.6 - 16.0	<100	13.9	7.4 - 20.3	100	11.1	6.7 - 15.5	100
Did not complete high school (or GED)	11.9	8.7 - 15.1	300	--			--			9.3	4.6 - 14.0	<100	16.3	11.0 - 21.7	200
Unmarried	46.2	41.8 - 50.7	1,100	--			28.2	17.7 - 38.7	<100	45.6	38.1 - 53.2	400	51.1	44.5 - 57.7	600
Race/Ethnicity															
White	71.6	67.7 - 75.5	1,700	--			75.2	65.4 - 84.9	200	75.7	69.2 - 82.3	700	67.2	61.1 - 73.3	700
Hispanic	18.0	14.6 - 21.4	400	--			15.0	7.0 - 23.0	<100	17.9	11.8 - 24.0	200	18.3	13.4 - 23.2	200
Asian/Pacific Islander	6.8	4.7 - 9.0	200	--			7.4 *	1.5 - 13.4	<100	2.9 *	1.1 - 4.7	<100	10.2	6.2 - 14.3	100
Black	1.6	1.1 - 2.2	<100	--			--			--			--		
Born outside the U.S.	11.3	8.5 - 14.0	300	--			6.2 *	1.1 - 11.3	<100	9.7	5.8 - 13.6	<100	13.9	9.2 - 18.5	200
Speaks non-English language at home	8.8	6.1 - 11.4	200	--			--			4.8 *	1.9 - 7.7	<100	14.1	9.2 - 19.1	200
Income as a percent of the Federal Poverty Guideline															
0-100%	44.1	39.6 - 48.6	1,000	--			28.5	17.8 - 39.2	<100	35.7	28.3 - 43.1	300	54.9	48.2 - 61.5	600
101-200%	24.0	20.2 - 27.8	600	--			15.8	7.5 - 24.2	<100	25.7	19.3 - 32.1	200	25.3	19.5 - 31.1	300
> 200%	31.9	27.7 - 36.1	700	62.3 *	34.0 - 90.6	<100	55.7	44.0 - 67.3	100	38.6	31.0 - 46.2	300	19.8	14.7 - 24.9	200

-- Estimate not shown because the relative standard error (RSE) is greater than 50%, fewer than 5 women reported, or the weighted population denominator for the column is less than 100 women.

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

† Measure/definition may not be comparable to previous Snapshots (see Technical Notes).

Notes: MIHA is an annual population-based survey of California resident women with a live birth. Data from MIHA 2013-2015 were combined, resulting in a statewide sample size of 20,762. The sample size of Butte County was 577. 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 2013-2015. Population estimate (N) is a three-year average. Neighborhood poverty is the percentage of residents with incomes below poverty in a woman's census tract. 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](http://www.cdph.ca.gov/MIHA).



# MIHA Data Snapshot, Butte County by Prenatal Health Insurance, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Butte County			Medi-Cal			Private		
	%	95% CI	N	%	95% CI	N	%	95% CI	N
<b>Total</b>	100		2,400	61.7	57.4 - 65.9	1,500	33.7	29.6 - 37.9	800
<b>Health Status before Pregnancy</b>									
In good to excellent health	90.8	87.9 - 93.7	2,200	88.7	85.0 - 92.4	1,300	--		
Chronic conditions									
Diabetes†	1.4 *	0.3 - 2.6	<100	2.0 *	0.2 - 3.7	<100	--		
Hypertension†	3.0	1.6 - 4.5	<100	4.4	2.1 - 6.7	<100	--		
Asthma†	12.8	9.8 - 15.8	300	14.3	10.1 - 18.5	200	10.8	6.6 - 15.1	<100
<b>Nutrition and Weight</b>									
Daily folic acid use, month before pregnancy	31.1	27.0 - 35.2	700	21.3	16.5 - 26.0	300	49.5	42.0 - 57.0	400
Overweight before pregnancy	25.0	21.0 - 29.0	600	26.1	20.8 - 31.5	400	21.9	15.6 - 28.2	200
Obese before pregnancy	21.7	17.9 - 25.6	500	25.7	20.6 - 30.9	400	16.5	10.5 - 22.5	100
Inadequate weight gain during pregnancy	12.2	9.1 - 15.4	300	12.6	8.5 - 16.7	200	12.1	6.8 - 17.4	<100
Excessive weight gain during pregnancy	51.0	46.3 - 55.7	1,100	52.5	46.3 - 58.7	700	48.8	41.0 - 56.7	400
Food insecurity during pregnancy	17.3	13.9 - 20.7	400	23.7	18.9 - 28.5	300	6.8 *	2.1 - 11.5	<100
<b>Intimate Partner Violence (IPV) and Depressive Symptoms</b>									
Physical or psychological IPV during pregnancy	9.3	6.6 - 12.0	200	13.7	9.5 - 17.8	200	2.1 *	0.2 - 4.0	<100
Prenatal depressive symptoms	17.7	14.1 - 21.3	400	21.3	16.5 - 26.1	300	11.8	5.8 - 17.7	<100
Postpartum depressive symptoms	16.2	12.9 - 19.5	400	19.8	15.2 - 24.5	300	10.3	5.5 - 15.2	<100
<b>Hardships and Support during Pregnancy</b>									
Experienced two or more hardships during childhood	34.0	29.8 - 38.1	800	39.8	34.2 - 45.4	600	24.6	18.1 - 31.1	200
Homeless or did not have a regular place to sleep	3.0	1.6 - 4.5	<100	4.1	2.1 - 6.0	<100	--		
Moved due to problems paying rent or mortgage	7.4	5.2 - 9.6	200	10.0	6.7 - 13.3	100	--		
Woman or partner lost job	13.6	10.4 - 16.7	300	18.3	13.6 - 23.1	300	6.3	3.2 - 9.5	<100
Woman or partner had pay or hours cut back	16.4	12.9 - 19.8	400	22.6	17.5 - 27.7	300	6.8	3.4 - 10.2	<100
Became separated or divorced	7.9	5.3 - 10.5	200	11.7	7.7 - 15.7	200	--		
Had no practical or emotional support	3.1	1.6 - 4.7	<100	4.3	2.1 - 6.5	<100	--		
<b>Substance Use</b>									
Any smoking, 3 months before pregnancy	25.4	21.6 - 29.3	600	35.9	30.5 - 41.3	500	8.3	3.9 - 12.7	<100
Any smoking, 3rd trimester†	11.4	8.6 - 14.3	300	16.6	12.5 - 20.8	200	--		
Any smoking, postpartum	17.1	13.8 - 20.5	400	24.1	19.3 - 28.9	400	5.4 *	1.5 - 9.3	<100
Any binge drinking, 3 months before pregnancy	20.9	17.4 - 24.3	500	19.4	15.1 - 23.8	300	23.0	16.9 - 29.2	200
Any alcohol use, 3rd trimester†	6.9	4.5 - 9.3	200	5.0	2.2 - 7.8	<100	10.5	5.6 - 15.3	<100
<b>Pregnancy Intention and Family Planning</b>									
Mistimed or unwanted pregnancy	30.1	26.0 - 34.3	700	32.9	27.5 - 38.3	500	24.8	17.7 - 31.9	200
Unsure of pregnancy intentions	13.7	10.5 - 16.8	300	18.8	14.2 - 23.3	300	5.7 *	1.9 - 9.5	<100
Postpartum birth control use†	85.5	82.3 - 88.7	2,000	83.9	79.3 - 88.4	1,200	87.5	83.1 - 91.9	700
<b>Infant Sleep and Breastfeeding</b>									
Placed infant on back to sleep	80.0	76.4 - 83.6	1,900	77.2	72.2 - 82.2	1,100	85.2	80.1 - 90.3	700
Infant always or often shared bed	38.8	34.4 - 43.1	900	44.7	38.9 - 50.5	600	27.1	20.4 - 33.8	200
Intended to breastfeed, before birth	91.2	88.7 - 93.7	2,200	89.7	86.4 - 93.1	1,300	95.7 *	92.5 - 98.9	800
Intended to breastfeed exclusively, before birth	74.4	70.5 - 78.4	1,800	70.2	64.9 - 75.4	1,000	81.8	75.6 - 88.1	700
Breastfeeding practices									
Any breastfeeding, 1 month after delivery	86.0	82.8 - 89.1	2,000	81.5	76.9 - 86.0	1,200	94.5 *	91.0 - 98.0	800
Exclusive breastfeeding, 1 month after delivery	63.2	58.8 - 67.5	1,500	56.3	50.5 - 62.0	800	75.7	69.0 - 82.3	600
Any breastfeeding, 3 months after delivery	69.2	64.3 - 74.1	1,100	61.5	54.8 - 68.1	600	84.7	78.4 - 91.0	500
Exclusive breastfeeding, 3 months after delivery	41.6	36.4 - 46.8	700	27.9	22.1 - 33.8	300	65.1	56.7 - 73.5	400



# MIHA Data Snapshot, Butte County by Prenatal Health Insurance, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Butte County				Medi-Cal				Private			
	%	95% CI		N	%	95% CI		N	%	95% CI		N
<b>Service Utilization and Health Insurance Coverage</b>												
Had a usual source of pre-pregnancy care	57.9	53.5	- 62.2	1,400	53.1	47.4	- 58.8	800	71.3	64.7	- 77.9	600
Initiated prenatal care in 1st trimester	88.7	85.8	- 91.7	2,100	86.1	82.2	- 90.0	1,300	--			
Mom or infant needed but couldn't afford care postpartum	11.0	8.1	- 13.9	300	12.9	9.1	- 16.7	200	6.4 *	1.5	- 11.3	<100
Participated in WIC during pregnancy†	60.2	55.9	- 64.5	1,400	83.6	79.4	- 87.8	1,200	20.1	13.0	- 27.2	200
Received CalFresh (food stamps) during pregnancy	33.4	29.2	- 37.6	800	53.3	47.6	- 59.0	800	--			
Pre-pregnancy insurance												
Medi-Cal	38.9	34.6	- 43.2	900	63.0	57.6	- 68.5	900	--			
Uninsured	15.7	12.7	- 18.8	400	21.1	16.7	- 25.5	300	--			
Private	42.1	37.7	- 46.5	1,000	12.8	8.7	- 16.9	200	97.1 *	94.7	- 99.4	800
Maternal postpartum insurance												
Medi-Cal	54.2	49.8	- 58.6	1,300	84.8	80.6	- 89.1	1,300	2.4 *	0.5	- 4.2	<100
Uninsured	6.9	4.9	- 9.0	200	8.0	5.3	- 10.7	100	--			
Private	37.8	33.5	- 42.1	900	6.9	3.4	- 10.3	100	96.5 *	94.1	- 98.9	800
Infant health insurance												
Medi-Cal	64.7	60.5	- 69.0	1,500	95.8 *	92.8	- 98.7	1,400	12.0	7.5	- 16.6	<100
Uninsured	2.1 *	0.4	- 3.8	<100	--				--			
Private	31.1	27.0	- 35.2	700	3.2 *	0.4	- 6.0	<100	82.7	76.5	- 88.9	700
<b>Maternal Demographics</b>												
Age												
15-19	5.7	3.2	- 8.1	100	7.2	3.9	- 10.4	100	--			
20-34	82.3	78.4	- 86.1	2,000	82.6	77.5	- 87.6	1,200	81.4	75.0	- 87.9	700
35+	12.1	8.8	- 15.4	300	10.3	5.9	- 14.6	200	14.9	9.4	- 20.3	100
Did not complete high school (or GED)	11.9	8.7	- 15.1	300	17.9	13.2	- 22.6	300	--			
Unmarried	46.2	41.8	- 50.7	1,100	62.1	56.6	- 67.5	900	19.7	12.9	- 26.5	200
Race/Ethnicity												
White	71.6	67.7	- 75.5	1,700	64.7	59.4	- 70.1	1,000	82.9	77.0	- 88.8	700
Hispanic	18.0	14.6	- 21.4	400	23.4	18.7	- 28.2	300	8.0	3.4	- 12.5	<100
Asian/Pacific Islander	6.8	4.7	- 9.0	200	7.6	4.7	- 10.5	100	6.4	2.7	- 10.0	<100
Black	1.6	1.1	- 2.2	<100	1.9	0.9	- 2.9	<100	--			
Born outside the U.S.	11.3	8.5	- 14.0	300	12.3	8.8	- 15.8	200	10.3	5.5	- 15.2	<100
Speaks non-English language at home	8.8	6.1	- 11.4	200	10.8	7.2	- 14.4	200	5.9 *	1.8	- 10.0	<100
Lives in a high poverty neighborhood	48.1	43.6	- 52.6	1,100	55.2	49.4	- 61.1	800	35.8	28.2	- 43.4	300
Income as a percent of the Federal Poverty Guideline												
0-100%	44.1	39.6	- 48.6	1,000	66.1	60.6	- 71.6	900	8.3 *	2.9	- 13.6	<100
101-200%	24.0	20.2	- 27.8	600	28.5	23.3	- 33.6	400	15.8	10.4	- 21.2	100
> 200%	31.9	27.7	- 36.1	700	5.4 *	2.2	- 8.6	<100	75.9	68.9	- 82.8	600

-- Estimate not shown because the relative standard error (RSE) is greater than 50%, fewer than 5 women reported, or the weighted population denominator for the column is less than 100 women.

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

† Measure/definition may not be comparable to previous Snapshots (see Technical Notes).

Notes: MIHA is an annual population-based survey of California resident women with a live birth. Data from MIHA 2013-2015 were combined, resulting in a statewide sample size of 20,762. The sample size of Butte County was 577. 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 2013-2015. Population estimate (N) is a three-year average. 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](http://www.cdph.ca.gov/MIHA).

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# MIHA Data Snapshot, Butte County by Race/Ethnicity, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Butte County			Hispanic			Black			White			Asian/Pacific Islander		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
<b>Total</b>	100		2,400	18.0	14.6 - 21.4	400	1.6	1.1 - 2.2	<100	71.6	67.7 - 75.5	1,700	6.8	4.7 - 9.0	200
<b>Health Status before Pregnancy</b>															
In good to excellent health	90.8	87.9 - 93.7	2,200	89.5*	81.9 - 97.2	400	--			91.8	88.5 - 95.1	1,600	85.7*	72.1 - 99.3	100
Chronic conditions															
Diabetes†	1.4*	0.3 - 2.6	<100	--			--			--			--		
Hypertension†	3.0	1.6 - 4.5	<100	--			--			2.6*	1.1 - 4.2	<100	--		
Asthma†	12.8	9.8 - 15.8	300	6.0*	0.6 - 11.3	<100	--			15.0	11.3 - 18.8	300	8.8*	0.3 - 17.3	<100
<b>Nutrition and Weight</b>															
Daily folic acid use, month before pregnancy	31.1	27.0 - 35.2	700	25.9	16.9 - 34.9	100	--			34.5	29.5 - 39.4	600	14.5*	5.5 - 23.5	<100
Overweight before pregnancy	25.0	21.0 - 29.0	600	34.4	24.3 - 44.6	100	--			22.5	17.9 - 27.1	400	28.7	13.3 - 44.1	<100
Obese before pregnancy	21.7	17.9 - 25.6	500	28.6	18.2 - 39.0	100	--			20.1	15.8 - 24.5	300	17.9*	6.5 - 29.4	<100
Inadequate weight gain during pregnancy	12.2	9.1 - 15.4	300	5.8*	0.7 - 10.8	<100	--			11.6	8.0 - 15.1	200	24.1*	8.1 - 40.1	<100
Excessive weight gain during pregnancy	51.0	46.3 - 55.7	1,100	54.0	42.8 - 65.1	200	63.8*	30.2 - 97.4	<100	52.4	46.9 - 57.8	800	32.0	17.1 - 47.0	<100
Food insecurity during pregnancy	17.3	13.9 - 20.7	400	18.4	9.6 - 27.2	<100	--			15.5	11.7 - 19.4	300	23.6	11.0 - 36.2	<100
<b>Intimate Partner Violence (IPV) and Depressive Symptoms</b>															
Physical or psychological IPV during pregnancy	9.3	6.6 - 12.0	200	4.9*	0.9 - 8.9	<100	--			8.9	5.6 - 12.1	200	7.0*	0.7 - 13.2	<100
Prenatal depressive symptoms	17.7	14.1 - 21.3	400	14.2	6.6 - 21.8	<100	--			17.9	13.5 - 22.3	300	11.9*	2.2 - 21.6	<100
Postpartum depressive symptoms	16.2	12.9 - 19.5	400	19.0	10.4 - 27.7	<100	--			15.0	11.1 - 18.8	300	8.8*	2.0 - 15.7	<100
<b>Hardships and Support during Pregnancy</b>															
Experienced two or more hardships during childhood	34.0	29.8 - 38.1	800	22.7	13.9 - 31.5	<100	51.2*	17.3 - 85.2	<100	37.5	32.6 - 42.5	600	10.5*	1.3 - 19.6	<100
Homeless or did not have a regular place to sleep	3.0	1.6 - 4.5	<100	--			--			2.7*	1.1 - 4.2	<100	--		
Moved due to problems paying rent or mortgage	7.4	5.2 - 9.6	200	4.7*	0.6 - 8.8	<100	--			7.1	4.6 - 9.6	100	--		
Woman or partner lost job	13.6	10.4 - 16.7	300	12.5	5.7 - 19.4	<100	--			14.8	10.8 - 18.7	300	--		
Woman or partner had pay or hours cut back	16.4	12.9 - 19.8	400	16.6	8.7 - 24.4	<100	--			16.3	12.2 - 20.5	300	--		
Became separated or divorced	7.9	5.3 - 10.5	200	--			--			9.8	6.3 - 13.2	200	--		
Had no practical or emotional support	3.1	1.6 - 4.7	<100	7.5*	2.0 - 12.9	<100	--			2.0*	0.5 - 3.5	<100	--		
<b>Substance Use</b>															
Any smoking, 3 months before pregnancy	25.4	21.6 - 29.3	600	15.5	7.9 - 23.2	<100	--			29.1	24.4 - 33.9	500	--		
Any smoking, 3rd trimester†	11.4	8.6 - 14.3	300	--			--			13.5	10.0 - 17.1	200	--		
Any smoking, postpartum	17.1	13.8 - 20.5	400	8.5*	2.5 - 14.5	<100	--			19.7	15.6 - 23.9	300	--		
Any binge drinking, 3 months before pregnancy	20.9	17.4 - 24.3	500	19.3	10.2 - 28.4	<100	--			22.5	18.5 - 26.5	400	--		
Any alcohol use, 3rd trimester†	6.9	4.5 - 9.3	200	--			--			6.3	4.1 - 8.4	100	--		
<b>Pregnancy Intention and Family Planning</b>															
Mistimed or unwanted pregnancy	30.1	26.0 - 34.3	700	25.0	16.4 - 33.6	100	--			31.1	26.2 - 36.1	500	32.0	15.7 - 48.2	<100
Unsure of pregnancy intentions	13.7	10.5 - 16.8	300	17.2	9.0 - 25.4	<100	--			12.5	9.0 - 16.0	200	7.6*	1.0 - 14.2	<100
Postpartum birth control use†	85.5	82.3 - 88.7	2,000	93.3*	88.4 - 98.2	400	--			84.5	80.6 - 88.3	1,400	77.0*	62.1 - 91.9	100
<b>Infant Sleep and Breastfeeding</b>															
Placed infant on back to sleep	80.0	76.4 - 83.6	1,900	75.0	65.8 - 84.2	300	72.1*	46.2 - 97.9	<100	82.1	78.0 - 86.2	1,400	73.8	58.7 - 88.8	100
Infant always or often shared bed	38.8	34.4 - 43.1	900	47.3	36.4 - 58.1	200	59.9*	22.6 - 97.1	<100	34.4	29.5 - 39.3	600	61.2	45.1 - 77.2	100
Intended to breastfeed, before birth	91.2	88.7 - 93.7	2,200	95.3*	91.3 - 99.4	400	--			92.9	90.2 - 95.5	1,600	62.8	47.0 - 78.7	100
Intended to breastfeed exclusively, before birth	74.4	70.5 - 78.4	1,800	72.7	63.1 - 82.4	300	--			80.7	76.3 - 85.0	1,400	20.6*	8.3 - 32.9	<100
<b>Breastfeeding practices</b>															
Any breastfeeding, 1 month after delivery	86.0	82.8 - 89.1	2,000	86.3	78.7 - 93.9	400	--			90.2	87.2 - 93.2	1,500	47.7	31.4 - 64.0	<100
Exclusive breastfeeding, 1 month after delivery	63.2	58.8 - 67.5	1,500	60.0	49.5 - 70.5	200	49.7*	11.6 - 87.7	<100	70.0	65.0 - 74.9	1,200	18.2*	6.4 - 30.0	<100
Any breastfeeding, 3 months after delivery	69.2	64.3 - 74.1	1,100	72.6	61.7 - 83.5	200	48.8*	9.3 - 88.2	<100	72.6	67.1 - 78.2	900	35.7	17.9 - 53.5	<100
Exclusive breastfeeding, 3 months after delivery	41.6	36.4 - 46.8	700	26.3	15.3 - 37.3	<100	--			49.2	42.8 - 55.5	600	--		



# MIHA Data Snapshot, Butte County by Race/Ethnicity, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Butte County			Hispanic			Black			White			Asian/Pacific Islander		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
<b>Service Utilization and Health Insurance Coverage</b>															
Had a usual source of pre-pregnancy care	57.9	53.5 - 62.2	1,400	53.1	42.7 - 63.5	200	63.7 *	33.4 - 94.0	<100	58.1	53.0 - 63.3	1,000	60.4	44.2 - 76.6	<100
Initiated prenatal care in 1st trimester	88.7	85.8 - 91.7	2,100	78.9	69.8 - 88.0	300	57.1 *	24.2 - 90.1	<100	91.7	88.6 - 94.9	1,600	87.9 *	79.3 - 96.5	100
Mom or infant needed but couldn't afford care postpartum	11.0	8.1 - 13.9	300	13.1	5.5 - 20.6	<100	--			10.5	7.1 - 13.9	200	--		
Participated in WIC during pregnancy†	60.2	55.9 - 64.5	1,400	78.6	69.6 - 87.7	300	--			53.3	48.0 - 58.5	900	75.3	62.3 - 88.3	100
Received CalFresh (food stamps) during pregnancy	33.4	29.2 - 37.6	800	33.8	24.1 - 43.5	100	66.0 *	35.6 - 96.4	<100	31.6	26.7 - 36.5	500	45.7	29.2 - 62.2	<100
Pre-pregnancy insurance															
Medi-Cal	38.9	34.6 - 43.2	900	46.1	35.6 - 56.6	200	58.3 *	29.7 - 87.0	<100	35.4	30.4 - 40.5	600	55.4	39.3 - 71.5	<100
Uninsured	15.7	12.7 - 18.8	400	22.6	14.0 - 31.2	<100	--			14.4	11.1 - 17.8	200	--		
Private	42.1	37.7 - 46.5	1,000	29.5	19.7 - 39.3	100	--			46.8	41.5 - 52.0	800	35.7	20.1 - 51.4	<100
Prenatal insurance															
Medi-Cal	61.7	57.4 - 65.9	1,500	80.2	71.3 - 89.1	300	--			55.8	50.6 - 60.9	1,000	68.5	53.2 - 83.8	100
Uninsured	1.0 *	0.3 - 1.8	<100	--			--			1.1 *	0.1 - 2.2	<100	--		
Private	33.7	29.6 - 37.9	800	14.9	6.8 - 23.0	<100	--			39.1	34.1 - 44.2	700	31.5	16.2 - 46.8	<100
Maternal postpartum insurance															
Medi-Cal	54.2	49.8 - 58.6	1,300	61.8	51.6 - 72.1	300	--			50.1	44.9 - 55.3	900	65.7	50.2 - 81.1	100
Uninsured	6.9	4.9 - 9.0	200	15.8	8.4 - 23.1	<100	--			5.7	3.6 - 7.8	<100	--		
Private	37.8	33.5 - 42.1	900	21.9	12.9 - 30.9	<100	--			43.2	38.0 - 48.4	700	33.5	18.0 - 48.9	<100
Infant health insurance															
Medi-Cal	64.7	60.5 - 69.0	1,500	84.4	76.2 - 92.6	400	--			58.0	52.8 - 63.3	1,000	75.2	61.3 - 89.2	100
Uninsured	2.1 *	0.4 - 3.8	<100	--			--			2.9 *	0.5 - 5.3	<100	--		
Private	31.1	27.0 - 35.2	700	14.5	6.4 - 22.5	<100	--			36.4	31.4 - 41.5	600	24.8	10.8 - 38.7	<100
<b>Maternal Demographics</b>															
Age															
15-19	5.7	3.2 - 8.1	100	--			--			6.1	2.9 - 9.3	100	--		
20-34	82.3	78.4 - 86.1	2,000	83.1	75.0 - 91.2	400	--			81.2	76.4 - 86.1	1,400	82.5 *	71.4 - 93.5	100
35+	12.1	8.8 - 15.4	300	12.6	5.4 - 19.8	<100	--			12.7	8.5 - 16.8	200	10.8 *	1.5 - 20.1	<100
Did not complete high school (or GED)	11.9	8.7 - 15.1	300	12.7	5.9 - 19.6	<100	--			11.3	7.6 - 15.1	200	--		
Unmarried	46.2	41.8 - 50.7	1,100	45.6	34.9 - 56.4	200	--			46.2	40.9 - 51.4	800	35.5	19.5 - 51.5	<100
Born outside the U.S.	11.3	8.5 - 14.0	300	30.9	21.4 - 40.3	100	--			2.5 *	0.5 - 4.5	<100	56.6	39.9 - 73.3	<100
Speaks non-English language at home	8.8	6.1 - 11.4	200	20.8	12.0 - 29.5	<100	--			--			64.7	49.6 - 79.9	100
Lives in a high poverty neighborhood	48.1	43.6 - 52.6	1,100	50.1	39.2 - 60.9	200	--			45.1	39.8 - 50.4	700	70.0	56.4 - 83.6	100
Income as a percent of the Federal Poverty Guideline															
0-100%	44.1	39.6 - 48.6	1,000	52.6	41.6 - 63.6	200	--			39.6	34.4 - 44.8	700	56.9	40.6 - 73.3	<100
101-200%	24.0	20.2 - 27.8	600	32.5	22.6 - 42.3	100	--			22.9	18.5 - 27.2	400	20.4 *	8.4 - 32.4	<100
> 200%	31.9	27.7 - 36.1	700	15.0 *	6.1 - 23.8	<100	--			37.5	32.4 - 42.6	600	22.7 *	9.0 - 36.3	<100

-- Estimate not shown because the relative standard error (RSE) is greater than 50%, fewer than 5 women reported, or the weighted population denominator for the column is less than 100 women.

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

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Notes: MIHA is an annual population-based survey of California resident women with a live birth. Data from MIHA 2013-2015 were combined, resulting in a statewide sample size of 20,762. The sample size of Butte County was 577. 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 2013-2015. Population estimate (N) is a three-year average. 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](http://www.cdph.ca.gov/MIHA).

Table Citation: Maternal and Infant Health Assessment (MIHA) Survey County and Regional Data Snapshots for Subgroups, 2013-2015. California Department of Public Health; 2018.





# MIHA Data Snapshot, Butte County by Total Live Births, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Butte County			First Live Birth			Second Live Birth or More		
	%	95% CI	N	%	95% CI	N	%	95% CI	N
<b>Total</b>	100		2,400	39.5	35.2 - 43.8	1,000	60.5	56.2 - 64.8	1,500
<b>Health Status before Pregnancy</b>									
In good to excellent health	90.8	87.9 - 93.7	2,200	92.7 *	88.1 - 97.3	900	89.5	85.7 - 93.3	1,300
Chronic conditions									
Diabetes†	1.4 *	0.3 - 2.6	<100	--			2.2 *	0.4 - 3.9	<100
Hypertension†	3.0	1.6 - 4.5	<100	2.9 *	0.7 - 5.1	<100	3.1 *	1.1 - 5.0	<100
Asthma†	12.8	9.8 - 15.8	300	12.3	8.0 - 16.7	100	13.2	9.1 - 17.2	200
<b>Nutrition and Weight</b>									
Daily folic acid use, month before pregnancy	31.1	27.0 - 35.2	700	33.9	27.5 - 40.4	300	29.3	24.0 - 34.5	400
Overweight before pregnancy	25.0	21.0 - 29.0	600	22.8	16.8 - 28.8	200	26.4	21.0 - 31.7	400
Obese before pregnancy	21.7	17.9 - 25.6	500	18.2	12.7 - 23.7	200	24.1	18.9 - 29.2	300
Inadequate weight gain during pregnancy	12.2	9.1 - 15.4	300	9.6	5.2 - 14.0	<100	14.0	9.6 - 18.4	200
Excessive weight gain during pregnancy	51.0	46.3 - 55.7	1,100	60.1	53.3 - 67.0	500	45.0	38.7 - 51.2	600
Food insecurity during pregnancy	17.3	13.9 - 20.7	400	17.5	11.7 - 23.3	200	17.2	13.0 - 21.4	200
<b>Intimate Partner Violence (IPV) and Depressive Symptoms</b>									
Physical or psychological IPV during pregnancy	9.3	6.6 - 12.0	200	10.3	5.9 - 14.6	<100	8.7	5.2 - 12.2	100
Prenatal depressive symptoms	17.7	14.1 - 21.3	400	14.8	9.3 - 20.3	100	19.6	14.9 - 24.4	300
Postpartum depressive symptoms	16.2	12.9 - 19.5	400	17.2	11.8 - 22.5	200	15.6	11.3 - 19.9	200
<b>Hardships and Support during Pregnancy</b>									
Experienced two or more hardships during childhood	34.0	29.8 - 38.1	800	32.6	26.2 - 39.0	300	34.9	29.4 - 40.3	500
Homeless or did not have a regular place to sleep	3.0	1.6 - 4.5	<100	4.4 *	1.7 - 7.1	<100	2.2 *	0.6 - 3.7	<100
Moved due to problems paying rent or mortgage	7.4	5.2 - 9.6	200	8.5	4.8 - 12.1	<100	6.7	3.8 - 9.5	<100
Woman or partner lost job	13.6	10.4 - 16.7	300	14.9	9.9 - 19.8	100	12.7	8.5 - 16.9	200
Woman or partner had pay or hours cut back	16.4	12.9 - 19.8	400	11.9	7.9 - 16.0	100	19.2	14.2 - 24.2	300
Became separated or divorced	7.9	5.3 - 10.5	200	6.8	3.5 - 10.1	<100	8.6	4.9 - 12.3	100
Had no practical or emotional support	3.1	1.6 - 4.7	<100	--			4.6	2.2 - 6.9	<100
<b>Substance Use</b>									
Any smoking, 3 months before pregnancy	25.4	21.6 - 29.3	600	21.3	15.9 - 26.8	200	28.1	22.8 - 33.3	400
Any smoking, 3rd trimester†	11.4	8.6 - 14.3	300	6.2	3.0 - 9.3	<100	14.8	10.6 - 19.0	200
Any smoking, postpartum	17.1	13.8 - 20.5	400	10.5	6.4 - 14.6	<100	21.4	16.6 - 26.2	300
Any binge drinking, 3 months before pregnancy	20.9	17.4 - 24.3	500	28.8	23.0 - 34.6	300	15.7	11.4 - 20.0	200
Any alcohol use, 3rd trimester†	6.9	4.5 - 9.3	200	5.6	3.0 - 8.2	<100	7.8	4.2 - 11.3	100
<b>Pregnancy Intention and Family Planning</b>									
Mistimed or unwanted pregnancy	30.1	26.0 - 34.3	700	34.2	27.5 - 41.0	300	27.5	22.2 - 32.7	400
Unsure of pregnancy intentions	13.7	10.5 - 16.8	300	13.7	9.0 - 18.4	100	13.7	9.5 - 17.8	200
Postpartum birth control use†	85.5	82.3 - 88.7	2,000	84.0	78.9 - 89.0	800	86.5	82.4 - 90.6	1,200
<b>Infant Sleep and Breastfeeding</b>									
Placed infant on back to sleep	80.0	76.4 - 83.6	1,900	81.4	76.1 - 86.6	800	79.1	74.3 - 83.9	1,100
Infant always or often shared bed	38.8	34.4 - 43.1	900	38.9	32.4 - 45.4	400	38.7	32.9 - 44.5	500
Intended to breastfeed, before birth	91.2	88.7 - 93.7	2,200	94.7 *	91.5 - 97.8	900	88.9	85.3 - 92.4	1,300
Intended to breastfeed exclusively, before birth	74.4	70.5 - 78.4	1,800	80.0	74.0 - 86.0	800	70.8	65.4 - 76.1	1,000
Breastfeeding practices									
Any breastfeeding, 1 month after delivery	86.0	82.8 - 89.1	2,000	89.9	85.6 - 94.2	800	83.3	79.0 - 87.7	1,200
Exclusive breastfeeding, 1 month after delivery	63.2	58.8 - 67.5	1,500	66.3	59.7 - 73.0	600	61.1	55.2 - 66.9	800
Any breastfeeding, 3 months after delivery	69.2	64.3 - 74.1	1,100	71.3	64.1 - 78.4	500	67.6	61.0 - 74.2	600
Exclusive breastfeeding, 3 months after delivery	41.6	36.4 - 46.8	700	42.9	35.0 - 50.8	300	40.6	33.7 - 47.5	400



# MIHA Data Snapshot, Butte County by Total Live Births, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Butte County				First Live Birth				Second Live Birth or More			
	%	95% CI		N	%	95% CI		N	%	95% CI		N
<b>Service Utilization and Health Insurance Coverage</b>												
Had a usual source of pre-pregnancy care	57.9	53.5 - 62.2		1,400	56.4	49.7 - 63.1		500	58.8	53.1 - 64.5		900
Initiated prenatal care in 1st trimester	88.7	85.8 - 91.7		2,100	88.4	83.2 - 93.6		800	88.9	85.5 - 92.4		1,300
Mom or infant needed but couldn't afford care postpartum	11.0	8.1 - 13.9		300	10.1	5.4 - 14.7		<100	11.6	7.8 - 15.4		200
Participated in WIC during pregnancy†	60.2	55.9 - 64.5		1,400	54.5	47.6 - 61.3		500	64.0	58.4 - 69.5		900
Received CalFresh (food stamps) during pregnancy	33.4	29.2 - 37.6		800	24.1	18.2 - 30.0		200	39.5	33.8 - 45.2		600
Pre-pregnancy insurance												
Medi-Cal	38.9	34.6 - 43.2		900	21.8	16.0 - 27.6		200	50.0	44.3 - 55.8		700
Uninsured	15.7	12.7 - 18.8		400	21.9	16.4 - 27.3		200	11.7	8.2 - 15.2		200
Private	42.1	37.7 - 46.5		1,000	53.1	46.2 - 59.9		500	35.0	29.4 - 40.6		500
Prenatal insurance												
Medi-Cal	61.7	57.4 - 65.9		1,500	51.6	44.7 - 58.5		500	68.2	63.0 - 73.5		1,000
Uninsured	1.0 *	0.3 - 1.8		<100	--				--			
Private	33.7	29.6 - 37.9		800	42.6	35.7 - 49.4		400	28.0	22.9 - 33.1		400
Maternal postpartum insurance												
Medi-Cal	54.2	49.8 - 58.6		1,300	46.3	39.4 - 53.1		400	59.5	53.8 - 65.1		900
Uninsured	6.9	4.9 - 9.0		200	7.1	3.9 - 10.4		<100	6.8	4.2 - 9.4		<100
Private	37.8	33.5 - 42.1		900	46.0	39.1 - 52.9		400	32.4	27.0 - 37.9		500
Infant health insurance												
Medi-Cal	64.7	60.5 - 69.0		1,500	57.7	50.9 - 64.6		500	69.4	64.0 - 74.9		1,000
Uninsured	2.1 *	0.4 - 3.8		<100	--				2.1 *	0.3 - 3.8		<100
Private	31.1	27.0 - 35.2		700	37.8	31.2 - 44.5		400	26.6	21.3 - 31.9		400
<b>Maternal Demographics</b>												
Age												
15-19	5.7	3.2 - 8.1		100	14.0	8.2 - 19.8		100	--			
20-34	82.3	78.4 - 86.1		2,000	78.1	71.5 - 84.7		700	85.0	80.3 - 89.6		1,200
35+	12.1	8.8 - 15.4		300	7.9	3.6 - 12.1		<100	14.8	10.2 - 19.4		200
Did not complete high school (or GED)	11.9	8.7 - 15.1		300	7.6	3.4 - 11.8		<100	14.7	10.3 - 19.1		200
Unmarried	46.2	41.8 - 50.7		1,100	53.9	47.1 - 60.8		500	41.3	35.5 - 47.0		600
Race/Ethnicity												
White	71.6	67.7 - 75.5		1,700	75.7	70.0 - 81.3		700	68.9	63.6 - 74.3		1,000
Hispanic	18.0	14.6 - 21.4		400	18.8	13.5 - 24.0		200	17.5	13.1 - 22.0		300
Asian/Pacific Islander	6.8	4.7 - 9.0		200	3.4 *	1.2 - 5.6		<100	9.1	5.9 - 12.3		100
Black	1.6	1.1 - 2.2		<100	1.5	0.9 - 2.1		<100	1.7 *	0.6 - 2.8		<100
Born outside the U.S.	11.3	8.5 - 14.0		300	6.2 *	2.5 - 9.9		<100	14.6	10.7 - 18.4		200
Speaks non-English language at home	8.8	6.1 - 11.4		200	--				12.7	8.8 - 16.6		200
Lives in a high poverty neighborhood	48.1	43.6 - 52.6		1,100	49.6	42.6 - 56.6		400	47.1	41.2 - 53.1		700
Income as a percent of the Federal Poverty Guideline												
0-100%	44.1	39.6 - 48.6		1,000	39.2	32.3 - 46.2		400	47.3	41.4 - 53.1		700
101-200%	24.0	20.2 - 27.8		600	20.7	15.4 - 26.1		200	26.1	21.0 - 31.1		400
> 200%	31.9	27.7 - 36.1		700	40.0	33.2 - 46.9		400	26.7	21.4 - 31.9		400

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