



MIHA Data Snapshot, California by Income, 2013-2014

Maternal and Infant Health Assessment (MIHA) Survey

	California			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
Total	100		490,200	41.0	39.5 - 42.4	188,800	20.8	19.4 - 22.2	96,000	38.2	36.9 - 39.6	176,200
Health Status before Pregnancy												
In good to excellent health	92.4	91.5 - 93.3	452,800	86.3	84.3 - 88.2	162,700	95.1	93.7 - 96.6	91,200	98.0	97.3 - 98.8	172,700
Chronic conditions												
Diabetes†	2.3	1.8 - 2.8	10,900	3.6	2.5 - 4.7	6,700	2.2	1.2 - 3.3	2,100	1.0	0.5 - 1.5	1,700
Hypertension†	2.5	2.0 - 2.9	11,900	2.6	2.0 - 3.2	4,800	2.7	1.6 - 3.8	2,500	2.2	1.5 - 2.9	3,800
Asthma†	7.8	7.0 - 8.6	37,500	8.8	7.4 - 10.2	16,200	7.4	5.7 - 9.1	6,900	7.2	5.8 - 8.6	12,500
Nutrition and Weight												
Daily folic acid use, month before pregnancy	32.7	31.1 - 34.3	159,900	22.0	19.8 - 24.2	41,300	26.3	22.9 - 29.6	25,200	47.4	44.4 - 50.3	83,400
Overweight before pregnancy	24.7	23.2 - 26.2	114,900	29.0	26.3 - 31.7	50,600	25.3	22.1 - 28.5	23,300	21.4	19.0 - 23.7	37,100
Obese before pregnancy	20.3	18.9 - 21.7	94,400	26.2	23.6 - 28.7	45,700	25.2	21.8 - 28.6	23,200	12.4	10.6 - 14.3	21,700
Inadequate weight gain during pregnancy	17.7	16.2 - 19.2	72,900	19.7	17.1 - 22.3	29,900	21.3	17.6 - 25.1	16,800	13.2	11.3 - 15.2	21,100
Excessive weight gain during pregnancy	41.4	39.5 - 43.2	170,100	40.9	37.8 - 44.0	62,100	38.4	34.5 - 42.2	30,200	42.7	39.7 - 45.8	68,100
Food insecurity during pregnancy	16.6	15.4 - 17.9	80,500	30.1	27.5 - 32.6	55,900	16.8	14.0 - 19.6	16,100	2.5	1.5 - 3.4	4,300
Intimate Partner Violence (IPV) and Depressive Symptoms												
Physical or psychological IPV during pregnancy	7.1	6.2 - 7.9	34,500	12.5	10.7 - 14.3	23,500	5.1	3.8 - 6.5	4,900	2.4	1.5 - 3.4	4,300
Prenatal depressive symptoms	14.1	12.9 - 15.3	68,900	20.9	18.7 - 23.2	39,400	14.0	11.5 - 16.5	13,400	7.1	5.6 - 8.6	12,600
Postpartum depressive symptoms	13.0	11.8 - 14.1	63,200	18.2	16.1 - 20.4	34,400	12.0	9.8 - 14.3	11,500	8.7	7.1 - 10.2	15,300
Hardships and Support during Pregnancy												
Experienced two or more hardships during childhood	25.3	23.8 - 26.7	121,600	33.9	31.3 - 36.5	62,500	27.2	23.9 - 30.4	25,600	16.1	14.0 - 18.2	28,200
Homeless or did not have a regular place to sleep	2.9	2.4 - 3.4	14,000	5.4	4.4 - 6.5	10,200	1.7	1.0 - 2.5	1,700	0.5*	0.1 - 0.9	900
Moved due to problems paying rent or mortgage	6.9	6.0 - 7.7	33,600	11.8	10.1 - 13.6	22,200	5.7	4.2 - 7.1	5,400	1.9	1.1 - 2.8	3,400
Woman or partner lost job	14.6	13.4 - 15.8	71,000	22.8	20.4 - 25.2	42,400	16.2	13.4 - 19.1	15,500	5.5	4.2 - 6.7	9,600
Woman or partner had pay or hours cut back	11.8	10.7 - 12.8	57,100	16.0	14.0 - 17.9	29,700	12.5	10.2 - 14.8	11,900	7.5	5.9 - 9.0	13,100
Became separated or divorced	7.6	6.7 - 8.5	37,000	13.0	11.1 - 14.9	24,300	7.6	5.5 - 9.7	7,200	1.6	0.9 - 2.2	2,700
Had no practical or emotional support	4.4	3.7 - 5.2	21,700	8.1	6.4 - 9.7	15,200	2.7	1.9 - 3.4	2,600	1.5	0.8 - 2.3	2,700
Substance Use												
Any smoking, 3 months before pregnancy	11.6	10.5 - 12.7	56,500	16.1	14.1 - 18.1	30,200	12.0	9.4 - 14.6	11,500	6.9	5.5 - 8.3	12,000
Any smoking, 3rd trimester†	2.9	2.3 - 3.4	13,900	5.0	3.9 - 6.1	9,400	3.3	1.7 - 4.9	3,200	0.6	0.3 - 0.9	1,100
Any smoking, postpartum	5.6	4.8 - 6.3	27,300	9.0	7.6 - 10.4	16,900	6.6	4.4 - 8.8	6,300	2.0	1.3 - 2.7	3,500
Any binge drinking, 3 months before pregnancy	15.1	13.8 - 16.3	72,900	13.5	11.6 - 15.5	25,200	17.0	14.2 - 19.7	16,000	16.8	14.6 - 18.9	29,300
Any alcohol use, 3rd trimester†	7.6	6.6 - 8.6	37,000	4.3	3.0 - 5.7	8,200	4.9	3.1 - 6.7	4,700	13.1	11.1 - 15.0	22,900
Pregnancy Intention and Family Planning												
Mistimed or unwanted pregnancy	31.2	29.6 - 32.8	151,800	43.3	40.5 - 46.1	81,300	34.7	31.0 - 38.3	33,000	15.8	13.7 - 17.9	27,700
Unsure of pregnancy intentions	12.9	11.8 - 14.0	62,700	16.4	14.4 - 18.3	30,700	14.6	11.9 - 17.3	13,900	7.8	6.2 - 9.4	13,700
Postpartum birth control use†	81.6	80.3 - 83.0	390,200	82.9	80.9 - 84.9	151,700	82.7	79.7 - 85.8	77,900	79.8	77.3 - 82.2	138,400
Infant Sleep and Breastfeeding												
Placed infant on back to sleep	79.7	78.3 - 81.1	383,200	74.5	72.1 - 77.0	137,800	82.0	79.0 - 84.9	77,400	84.3	82.0 - 86.5	146,600
Infant always or often shared bed	34.1	32.5 - 35.7	163,700	39.3	36.6 - 41.9	72,600	34.4	30.9 - 38.0	32,400	28.7	26.0 - 31.4	49,800
Intended to breastfeed, before birth	92.4	91.5 - 93.4	444,100	90.2	88.6 - 91.7	166,200	92.9	91.0 - 94.8	87,800	95.4	94.1 - 96.6	165,800
Intended to breastfeed exclusively, before birth	64.2	62.6 - 65.9	308,500	56.3	53.5 - 59.1	103,800	61.7	57.9 - 65.4	58,300	75.1	72.4 - 77.7	130,600
Breastfeeding practices												
Any breastfeeding, 1 month after delivery	83.5	82.3 - 84.8	398,500	77.9	75.6 - 80.3	142,500	81.6	78.7 - 84.5	76,300	91.0	89.3 - 92.6	157,300
Exclusive breastfeeding, 1 month after delivery	42.7	41.0 - 44.4	200,700	36.9	34.2 - 39.6	66,000	41.1	37.4 - 44.9	38,100	50.1	47.2 - 53.1	85,600
Any breastfeeding, 3 months after delivery	66.2	64.3 - 68.2	244,200	56.2	52.9 - 59.4	82,800	61.9	57.5 - 66.3	44,300	81.1	78.4 - 83.8	101,800
Exclusive breastfeeding, 3 months after delivery	27.4	25.7 - 29.1	99,800	18.8	16.5 - 21.2	27,300	25.6	21.9 - 29.3	18,200	39.5	36.1 - 42.9	49,000



MIHA Data Snapshot, California by Income, 2013-2014

Maternal and Infant Health Assessment (MIHA) Survey

	California			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
Service Utilization and Health Insurance Coverage												
Had a usual source of pre-pregnancy care	70.4	68.8 - 71.9	344,100	62.3	59.6 - 65.0	117,300	63.8	60.1 - 67.5	61,100	83.7	81.5 - 85.9	147,100
Initiated prenatal care in 1st trimester	89.7	88.7 - 90.6	433,500	83.7	81.8 - 85.6	156,000	89.0	86.8 - 91.1	84,600	97.2	96.4 - 98.1	169,500
Had a postpartum medical visit	87.5	86.4 - 88.7	427,500	79.5	77.2 - 81.8	149,700	88.4	85.9 - 90.8	84,400	96.3	95.1 - 97.5	169,400
Mom or infant needed but couldn't afford care postpartum	12.6	11.4 - 13.7	59,700	19.0	16.7 - 21.3	34,900	16.6	13.9 - 19.4	15,400	3.6	2.7 - 4.6	6,200
Participated in WIC during pregnancy†	54.1	52.9 - 55.4	259,300	89.5	88.0 - 91.1	168,400	66.6	63.1 - 70.1	63,500	5.6	4.5 - 6.8	9,900
Received CalFresh (food stamps) during pregnancy	24.9	23.6 - 26.3	121,000	52.3	49.5 - 55.0	98,000	15.0	12.6 - 17.4	14,200	0.8	0.4 - 1.1	1,400
Pre-pregnancy insurance												
Medi-Cal	24.5	23.1 - 25.8	119,600	48.2	45.4 - 50.9	90,700	18.3	15.5 - 21.1	17,500	1.3	0.8 - 1.8	2,200
Uninsured	24.0	22.6 - 25.4	117,500	37.3	34.6 - 40.1	70,300	33.8	30.1 - 37.4	32,300	3.5	2.5 - 4.5	6,200
Private	47.5	46.2 - 48.9	232,500	11.0	9.3 - 12.7	20,700	41.6	37.9 - 45.3	39,900	91.7	90.3 - 93.2	161,600
Prenatal insurance												
Medi-Cal	49.7	48.4 - 51.0	242,800	88.8	87.1 - 90.5	167,200	54.1	50.4 - 57.9	51,900	3.8	3.0 - 4.7	6,800
Uninsured	1.6	1.2 - 2.0	7,900	1.8	1.2 - 2.4	3,500	2.1*	0.9 - 3.4	2,100	0.6*	0.2 - 1.1	1,100
Private	44.5	43.1 - 45.8	217,100	7.8	6.3 - 9.3	14,700	34.4	30.8 - 38.0	33,000	91.0	89.6 - 92.5	160,200
Maternal postpartum insurance												
Medi-Cal	36.2	34.7 - 37.6	175,700	67.4	64.8 - 70.1	126,100	35.1	31.5 - 38.7	33,400	2.2	1.6 - 2.8	3,800
Uninsured	15.0	13.8 - 16.2	72,800	23.2	20.7 - 25.6	43,300	21.0	17.8 - 24.1	19,900	2.7	1.8 - 3.7	4,800
Private	45.7	44.3 - 47.0	221,900	7.8	6.3 - 9.2	14,600	38.0	34.3 - 41.7	36,100	91.7	90.2 - 93.1	161,400
Infant health insurance												
Medi-Cal	52.2	50.9 - 53.6	250,400	90.4	88.7 - 92.1	166,100	62.7	59.1 - 66.3	59,000	4.7	3.7 - 5.6	8,100
Uninsured	2.9	2.2 - 3.5	13,700	3.1	2.1 - 4.0	5,600	4.9	3.0 - 6.8	4,600	1.3	0.7 - 1.9	2,200
Private	41.3	40.0 - 42.6	198,000	4.6	3.4 - 5.8	8,500	26.1	22.8 - 29.4	24,600	89.9	88.4 - 91.5	156,700
Maternal Demographics												
Did not complete high school (or GED)	16.5	15.2 - 17.7	79,900	31.5	28.9 - 34.2	58,800	12.9	10.2 - 15.6	12,300	0.7	0.4 - 1.1	1,300
Unmarried	40.9	39.4 - 42.4	199,000	67.2	64.5 - 69.8	126,200	41.2	37.5 - 45.0	39,400	10.4	8.9 - 12.0	18,300
Race/Ethnicity												
Hispanic	49.2	47.7 - 50.7	236,500	70.4	68.1 - 72.7	131,700	58.0	54.3 - 61.7	54,600	19.0	16.7 - 21.3	32,400
Black	5.7	5.3 - 6.1	27,400	8.3	7.4 - 9.2	15,500	5.7	4.5 - 6.9	5,400	3.1	2.4 - 3.7	5,200
White	29.3	27.9 - 30.7	140,900	14.5	12.7 - 16.3	27,100	23.7	20.7 - 26.8	22,300	50.3	47.4 - 53.3	85,900
Asian/Pacific Islander	15.3	13.9 - 16.7	73,700	6.2	4.7 - 7.7	11,600	12.1	9.4 - 14.8	11,400	27.4	24.4 - 30.3	46,700
Born outside the U.S.	37.9	36.2 - 39.6	185,700	41.4	38.7 - 44.2	78,200	36.4	32.7 - 40.1	34,900	31.9	29.0 - 34.8	56,200
Speaks non-English language at home	30.1	28.5 - 31.7	144,800	36.8	34.1 - 39.4	68,600	31.8	28.1 - 35.4	30,300	19.4	16.8 - 22.1	33,600
Lives in a high poverty neighborhood	38.9	37.3 - 40.5	182,900	58.4	55.7 - 61.2	104,800	41.2	37.4 - 44.9	37,400	16.1	13.8 - 18.3	27,600

-- 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. Percent (%), 95% confidence interval (95% CI) and estimated number of women in the population with the health indicator/characteristic (N), 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 in 2013-2014. Population estimate (N) is a two-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.

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