



MIHA Data Snapshot, California by Neighborhood Poverty, 2013-2014

Maternal and Infant Health Assessment (MIHA) Survey

	California			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
Total	100		490,200	10.5	9.5 - 11.5	49,100	20.6	19.2 - 22.0	96,900	30.0	28.4 - 31.6	141,200	38.9	37.3 - 40.5	182,900
Health Status before Pregnancy															
In good to excellent health	92.4	91.5 - 93.3	452,800	97.6	96.5 - 98.8	47,800	96.1	94.7 - 97.5	93,000	93.1	91.4 - 94.8	131,300	88.9	87.1 - 90.7	162,500
Chronic conditions															
Diabetes†	2.3	1.8 - 2.8	10,900	0.5*	0.1 - 1.0	300	1.7*	0.6 - 2.9	1,700	2.1	1.2 - 3.0	2,900	3.0	2.1 - 4.0	5,400
Hypertension†	2.5	2.0 - 2.9	11,900	1.4	0.6 - 2.3	700	2.9	1.4 - 4.4	2,800	2.4	1.7 - 3.1	3,300	2.7	1.9 - 3.5	4,800
Asthma†	7.8	7.0 - 8.6	37,500	8.8	6.1 - 11.4	4,200	6.8	5.2 - 8.4	6,600	8.7	6.9 - 10.5	12,000	7.5	6.3 - 8.7	13,400
Nutrition and Weight															
Daily folic acid use, month before pregnancy	32.7	31.1 - 34.3	159,900	45.8	40.6 - 51.1	22,500	40.5	36.7 - 44.4	39,200	31.7	28.7 - 34.6	44,600	26.2	23.6 - 28.7	47,800
Overweight before pregnancy	24.7	23.2 - 26.2	114,900	20.1	15.8 - 24.3	9,500	23.4	20.1 - 26.8	22,000	22.3	19.7 - 24.8	30,000	28.0	25.3 - 30.7	47,600
Obese before pregnancy	20.3	18.9 - 21.7	94,400	11.2	8.5 - 13.9	5,300	13.5	11.0 - 16.0	12,700	21.4	18.6 - 24.1	28,800	25.9	23.3 - 28.5	44,100
Inadequate weight gain during pregnancy	17.7	16.2 - 19.2	72,900	13.0	9.4 - 16.5	5,600	14.2	11.5 - 17.0	11,900	17.2	14.5 - 20.0	20,800	20.9	18.1 - 23.6	31,000
Excessive weight gain during pregnancy	41.4	39.5 - 43.2	170,100	40.3	34.8 - 45.7	17,300	41.1	37.0 - 45.2	34,300	42.2	38.9 - 45.5	50,900	41.7	38.5 - 44.9	61,900
Food insecurity during pregnancy	16.6	15.4 - 17.9	80,500	5.9	4.1 - 7.7	2,900	10.3	7.9 - 12.8	9,900	16.5	14.2 - 18.8	23,000	22.4	20.0 - 24.9	40,500
Intimate Partner Violence (IPV) and Depressive Symptoms															
Physical or psychological IPV during pregnancy	7.1	6.2 - 7.9	34,500	2.9	1.6 - 4.2	1,400	4.5	3.0 - 6.0	4,300	7.4	5.7 - 9.1	10,400	8.8	7.3 - 10.3	16,000
Prenatal depressive symptoms	14.1	12.9 - 15.3	68,900	8.7	6.1 - 11.4	4,300	11.1	8.9 - 13.3	10,800	15.4	13.0 - 17.8	21,700	16.4	14.3 - 18.5	29,800
Postpartum depressive symptoms	13.0	11.8 - 14.1	63,200	10.7	7.6 - 13.8	5,200	10.8	8.5 - 13.0	10,400	13.1	11.0 - 15.1	18,400	14.4	12.4 - 16.4	26,300
Hardships and Support during Pregnancy															
Experienced two or more hardships during childhood	25.3	23.8 - 26.7	121,600	13.8	10.6 - 16.9	6,700	20.1	16.9 - 23.2	19,200	26.7	24.0 - 29.4	37,100	29.8	27.2 - 32.4	53,300
Homeless or did not have a regular place to sleep	2.9	2.4 - 3.4	14,000	1.6*	0.2 - 3.0	800	1.8	0.8 - 2.7	1,700	3.2	2.1 - 4.3	4,500	3.3	2.5 - 4.1	6,100
Moved due to problems paying rent or mortgage	6.9	6.0 - 7.7	33,600	2.9	1.6 - 4.2	1,400	5.6	3.9 - 7.3	5,400	6.0	4.7 - 7.3	8,400	9.2	7.4 - 10.9	16,700
Woman or partner lost job	14.6	13.4 - 15.8	71,000	6.0	4.0 - 8.0	2,900	9.4	7.3 - 11.5	9,100	15.4	13.2 - 17.7	21,600	18.2	15.9 - 20.5	32,900
Woman or partner had pay or hours cut back	11.8	10.7 - 12.8	57,100	6.6	4.3 - 8.8	3,200	9.6	7.4 - 11.9	9,300	12.4	10.6 - 14.3	17,400	12.9	11.0 - 14.8	23,300
Became separated or divorced	7.6	6.7 - 8.5	37,000	3.2	1.7 - 4.8	1,600	4.0	2.5 - 5.4	3,800	8.3	6.5 - 10.1	11,600	10.2	8.4 - 11.9	18,500
Had no practical or emotional support	4.4	3.7 - 5.2	21,700	2.4	1.0 - 3.8	1,200	2.8	1.4 - 4.2	2,700	4.4	3.0 - 5.8	6,200	5.5	4.2 - 6.9	10,100
Substance Use															
Any smoking, 3 months before pregnancy	11.6	10.5 - 12.7	56,500	6.1	3.8 - 8.4	3,000	9.2	7.0 - 11.4	8,900	14.4	12.1 - 16.7	20,200	12.4	10.6 - 14.2	22,500
Any smoking, 3rd trimester†	2.9	2.3 - 3.4	13,900	--			1.8	0.8 - 2.8	1,800	2.8	1.8 - 3.8	4,000	3.8	2.7 - 4.8	6,900
Any smoking, postpartum	5.6	4.8 - 6.3	27,300	4.2	1.8 - 6.7	2,100	4.0	2.5 - 5.5	3,900	6.4	4.8 - 7.9	9,000	6.2	5.0 - 7.4	11,300
Any binge drinking, 3 months before pregnancy	15.1	13.8 - 16.3	72,900	15.0	11.7 - 18.4	7,300	14.9	12.1 - 17.8	14,400	17.9	15.5 - 20.4	25,000	13.3	11.4 - 15.3	24,000
Any alcohol use, 3rd trimester†	7.6	6.6 - 8.6	37,000	11.9	8.6 - 15.2	5,800	10.9	8.4 - 13.4	10,500	6.7	5.1 - 8.2	9,300	5.8	4.2 - 7.4	10,500
Pregnancy Intention and Family Planning															
Mistimed or unwanted pregnancy	31.2	29.6 - 32.8	151,800	17.9	14.2 - 21.5	8,700	22.5	19.3 - 25.7	21,700	32.7	29.8 - 35.7	45,900	38.4	35.5 - 41.3	69,600
Unsure of pregnancy intentions	12.9	11.8 - 14.0	62,700	11.7	7.9 - 15.6	5,700	11.9	9.3 - 14.5	11,500	11.0	9.2 - 12.8	15,400	14.6	12.7 - 16.6	26,500
Postpartum birth control use†	81.6	80.3 - 83.0	390,200	81.0	77.0 - 85.0	38,900	77.5	73.9 - 81.0	73,400	83.1	80.7 - 85.5	114,500	82.4	80.3 - 84.6	146,700
Infant Sleep and Breastfeeding															
Placed infant on back to sleep	79.7	78.3 - 81.1	383,200	81.6	77.2 - 86.0	39,300	79.8	76.5 - 83.1	76,200	83.4	81.2 - 85.6	115,300	75.9	73.4 - 78.5	136,200
Infant always or often shared bed	34.1	32.5 - 35.7	163,700	29.7	24.7 - 34.7	14,200	31.9	28.2 - 35.6	30,500	32.4	29.6 - 35.2	44,700	37.2	34.5 - 40.0	66,700
Intended to breastfeed, before birth	92.4	91.5 - 93.4	444,100	95.9	94.2 - 97.6	46,500	93.4	91.0 - 95.7	89,200	92.5	90.8 - 94.2	127,300	90.9	89.4 - 92.4	162,900
Intended to breastfeed exclusively, before birth	64.2	62.6 - 65.9	308,500	72.5	67.6 - 77.5	35,200	70.8	67.1 - 74.4	67,600	67.2	64.1 - 70.2	92,400	56.8	53.9 - 59.7	101,800
Breastfeeding practices															
Any breastfeeding, 1 month after delivery	83.5	82.3 - 84.8	398,500	89.3	85.5 - 93.1	43,000	87.8	85.3 - 90.4	82,700	83.8	81.4 - 86.2	115,300	79.4	77.2 - 81.7	141,300
Exclusive breastfeeding, 1 month after delivery	42.7	41.0 - 44.4	200,700	48.9	43.5 - 54.2	22,800	48.0	44.0 - 52.0	45,000	43.5	40.4 - 46.7	58,800	36.9	34.1 - 39.6	64,600
Any breastfeeding, 3 months after delivery	66.2	64.3 - 68.2	244,200	79.6	74.4 - 84.7	28,000	73.8	69.8 - 77.8	52,900	67.3	63.8 - 70.9	71,900	58.5	55.2 - 61.8	81,700
Exclusive breastfeeding, 3 months after delivery	27.4	25.7 - 29.1	99,800	38.2	32.1 - 44.3	13,100	35.9	31.5 - 40.2	25,700	29.1	25.9 - 32.3	30,600	19.2	16.7 - 21.6	26,500



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	%	95% CI	N	%	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	77.8	73.4 - 82.3	38,200	75.8	72.5 - 79.2	73,000	70.3	67.4 - 73.2	99,100	65.8	63.1 - 68.6	120,200
Initiated prenatal care in 1st trimester	89.7	88.7 - 90.6	433,500	93.9	91.8 - 95.9	45,600	94.2	92.6 - 95.8	90,500	89.7	88.0 - 91.4	124,800	86.7	84.9 - 88.5	156,200
Had a postpartum medical visit	87.5	86.4 - 88.7	427,500	93.3	90.5 - 96.1	45,800	91.4	89.1 - 93.7	88,400	87.9	85.8 - 90.0	123,600	84.3	82.2 - 86.4	153,300
Mom or infant needed but couldn't afford care postpartum	12.6	11.4 - 13.7	59,700	6.2	4.0 - 8.5	3,000	8.7	6.6 - 10.8	8,200	12.2	10.1 - 14.3	16,600	16.0	13.8 - 18.2	28,200
Participated in WIC during pregnancy†	54.1	52.9 - 55.4	259,300	16.8	13.4 - 20.3	8,100	29.3	26.0 - 32.6	27,300	52.1	49.1 - 55.1	72,000	77.3	75.0 - 79.6	139,200
Received CalFresh (food stamps) during pregnancy	24.9	23.6 - 26.3	121,000	6.0	4.1 - 7.9	3,000	10.7	8.5 - 12.9	10,300	21.5	19.0 - 24.1	30,000	39.5	36.8 - 42.3	71,500
Pre-pregnancy insurance															
Medi-Cal	24.5	23.1 - 25.8	119,600	6.4	4.6 - 8.2	3,100	10.3	8.3 - 12.3	9,900	24.2	21.5 - 26.9	34,100	36.7	34.0 - 39.3	66,900
Uninsured	24.0	22.6 - 25.4	117,500	8.2	5.9 - 10.4	4,000	16.4	13.4 - 19.4	15,900	22.0	19.4 - 24.6	31,000	33.2	30.4 - 36.0	60,500
Private	47.5	46.2 - 48.9	232,500	82.0	78.7 - 85.4	40,300	69.1	65.7 - 72.6	66,900	48.3	45.3 - 51.3	68,100	27.4	24.8 - 29.9	49,900
Prenatal insurance															
Medi-Cal	49.7	48.4 - 51.0	242,800	14.1	11.5 - 16.8	6,900	26.5	23.3 - 29.7	25,600	47.5	44.5 - 50.5	66,900	71.9	69.4 - 74.5	130,800
Uninsured	1.6	1.2 - 2.0	7,900	1.4*	0.6 - 2.3	700	2.0*	0.7 - 3.2	1,900	1.4	0.7 - 2.2	2,000	1.5	0.8 - 2.2	2,800
Private	44.5	43.1 - 45.8	217,100	79.3	75.7 - 82.8	38,900	67.1	63.6 - 70.6	64,800	45.0	42.0 - 48.0	63,400	24.0	21.5 - 26.5	43,700
Maternal postpartum insurance															
Medi-Cal	36.2	34.7 - 37.6	175,700	10.4	8.1 - 12.6	5,100	18.1	15.3 - 20.8	17,400	33.6	30.7 - 36.5	46,900	53.5	50.6 - 56.3	97,000
Uninsured	15.0	13.8 - 16.2	72,800	6.4	3.8 - 9.0	3,100	9.1	6.9 - 11.3	8,800	14.5	12.2 - 16.7	20,200	20.4	18.0 - 22.8	37,000
Private	45.7	44.3 - 47.0	221,900	80.3	76.7 - 83.9	39,300	68.7	65.3 - 72.1	66,000	47.1	44.1 - 50.1	65,700	24.8	22.3 - 27.2	44,900
Infant health insurance															
Medi-Cal	52.2	50.9 - 53.6	250,400	17.8	14.5 - 21.1	8,600	29.4	26.1 - 32.8	28,100	48.8	45.8 - 51.9	67,200	75.1	72.6 - 77.5	134,300
Uninsured	2.9	2.2 - 3.5	13,700	2.5*	0.8 - 4.2	1,200	2.0	1.0 - 3.1	1,900	3.7	2.4 - 5.0	5,100	2.4	1.6 - 3.2	4,300
Private	41.3	40.0 - 42.6	198,000	76.8	72.9 - 80.6	36,900	64.6	61.0 - 68.1	61,500	42.0	39.0 - 45.0	57,800	20.3	18.0 - 22.7	36,400
Maternal Demographics															
Age															
15-19	5.6	4.9 - 6.4	27,500	1.7*	0.6 - 2.8	900	2.3	1.4 - 3.3	2,300	5.1	3.9 - 6.3	7,200	8.6	7.0 - 10.2	15,800
20-34	74.5	73.0 - 76.0	365,300	67.8	62.9 - 72.7	33,300	72.6	69.0 - 76.2	70,300	75.3	72.5 - 78.0	106,300	76.5	74.1 - 79.0	140,000
35+	19.9	18.5 - 21.3	97,400	30.5	25.6 - 35.3	15,000	25.1	21.6 - 28.7	24,300	19.6	17.1 - 22.2	27,700	14.8	12.8 - 16.9	27,200
Did not complete high school (or GED)	16.5	15.2 - 17.7	79,900	3.5	1.9 - 5.1	1,700	7.3	5.2 - 9.3	7,000	14.0	11.7 - 16.2	19,500	25.9	23.4 - 28.5	46,600
Unmarried	40.9	39.4 - 42.4	199,000	15.8	12.5 - 19.1	7,800	25.2	21.9 - 28.5	24,300	40.2	37.1 - 43.2	56,400	55.8	52.9 - 58.7	100,900
Race/Ethnicity															
Hispanic	49.2	47.7 - 50.7	236,500	17.8	14.4 - 21.2	8,600	29.7	26.2 - 33.2	27,800	47.8	44.7 - 50.9	66,200	67.2	64.6 - 69.7	121,300
Black	5.7	5.3 - 6.1	27,400	2.1	1.4 - 2.9	1,000	3.1	2.2 - 4.1	2,900	5.8	4.7 - 6.8	8,000	7.8	6.8 - 8.7	14,000
White	29.3	27.9 - 30.7	140,900	48.4	43.2 - 53.5	23,300	42.7	38.8 - 46.5	40,000	32.8	30.0 - 35.6	45,400	16.0	14.0 - 18.0	28,900
Asian/Pacific Islander	15.3	13.9 - 16.7	73,700	31.6	26.2 - 37.0	15,200	24.3	20.4 - 28.2	22,700	13.1	10.8 - 15.5	18,200	8.5	6.6 - 10.4	15,300
Born outside the U.S.	37.9	36.2 - 39.6	185,700	40.3	35.0 - 45.6	19,800	33.8	29.9 - 37.6	32,700	35.1	32.0 - 38.2	49,600	40.1	37.3 - 43.0	73,400
Speaks non-English language at home	30.1	28.5 - 31.7	144,800	23.6	18.9 - 28.3	11,400	24.4	20.9 - 28.0	23,200	26.2	23.4 - 29.0	36,200	36.7	33.9 - 39.5	66,000
Income as a percent of the Federal Poverty Guideline															
0-100%	41.0	39.5 - 42.4	188,800	11.5	8.8 - 14.2	5,500	19.2	16.3 - 22.2	17,500	38.6	35.5 - 41.6	51,500	61.7	58.9 - 64.5	104,800
101-200%	20.8	19.4 - 22.2	96,000	13.9	10.4 - 17.4	6,600	16.1	13.3 - 18.9	14,700	24.1	21.3 - 26.9	32,200	22.1	19.7 - 24.4	37,400
> 200%	38.2	36.9 - 39.6	176,200	74.6	70.4 - 78.8	35,600	64.7	61.1 - 68.3	59,000	37.3	34.3 - 40.4	49,900	16.3	14.1 - 18.4	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. 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](http://www.cdph.ca.gov/MIHA) at www.cdph.ca.gov/MIHA.

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