



# MIHA Data Snapshot, California by Race/Ethnicity, 2013-2014

Maternal and Infant Health Assessment (MIHA) Survey

	California			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		490,200	49.2	47.7 - 50.7	236,500	5.7	5.3 - 6.1	27,400	29.3	27.9 - 30.7	140,900	15.3	13.9 - 16.7	73,700
<b>Health Status before Pregnancy</b>															
In good to excellent health	92.4	91.5 - 93.3	452,800	88.9	87.3 - 90.6	210,200	89.7	86.0 - 93.3	24,400	96.3	95.4 - 97.2	135,600	96.7	95.1 - 98.4	71,300
Chronic conditions															
Diabetes†	2.3	1.8 - 2.8	10,900	2.6	1.9 - 3.3	6,000	2.2	1.2 - 3.2	600	0.9	0.4 - 1.4	1,200	3.5 *	1.4 - 5.7	2,600
Hypertension†	2.5	2.0 - 2.9	11,900	1.7	1.3 - 2.2	4,000	7.2	4.3 - 10.1	1,900	2.7	1.8 - 3.5	3,800	2.2 *	0.5 - 3.8	1,600
Asthma†	7.8	7.0 - 8.6	37,500	6.1	5.0 - 7.2	14,100	16.1	12.6 - 19.5	4,300	11.2	9.4 - 13.1	15,800	2.7	1.5 - 3.8	1,900
<b>Nutrition and Weight</b>															
Daily folic acid use, month before pregnancy	32.7	31.1 - 34.3	159,900	24.8	22.7 - 27.0	58,600	25.0	20.4 - 29.6	6,800	41.4	38.4 - 44.3	58,300	44.5	39.3 - 49.8	32,800
Overweight before pregnancy	24.7	23.2 - 26.2	114,900	29.4	27.0 - 31.8	63,500	26.3	21.6 - 30.9	6,900	21.7	19.3 - 24.1	30,100	15.7	11.8 - 19.5	11,400
Obese before pregnancy	20.3	18.9 - 21.7	94,400	26.8	24.4 - 29.2	57,900	25.1	20.6 - 29.7	6,600	16.1	14.0 - 18.1	22,200	7.0	4.7 - 9.4	5,100
Inadequate weight gain during pregnancy	17.7	16.2 - 19.2	72,900	21.2	18.7 - 23.6	39,500	13.7	10.0 - 17.4	3,000	11.8	9.8 - 13.8	14,800	21.2	16.9 - 25.5	14,100
Excessive weight gain during pregnancy	41.4	39.5 - 43.2	170,100	38.2	35.5 - 41.0	71,400	53.4	47.8 - 59.0	11,900	47.7	44.6 - 50.8	59,700	33.7	28.2 - 39.1	22,300
Food insecurity during pregnancy	16.6	15.4 - 17.9	80,500	22.3	20.1 - 24.4	51,900	20.8	16.8 - 24.7	5,700	12.4	10.4 - 14.4	17,400	6.2	4.2 - 8.3	4,500
<b>Intimate Partner Violence (IPV) and Depressive Symptoms</b>															
Physical or psychological IPV during pregnancy	7.1	6.2 - 7.9	34,500	9.1	7.6 - 10.5	21,400	11.1	8.2 - 14.0	3,000	4.2	3.2 - 5.1	5,800	4.5	2.4 - 6.6	3,300
Prenatal depressive symptoms	14.1	12.9 - 15.3	68,900	17.9	16.0 - 19.9	42,200	19.4	15.3 - 23.4	5,300	9.2	7.7 - 10.6	12,900	8.5	5.5 - 11.4	6,200
Postpartum depressive symptoms	13.0	11.8 - 14.1	63,200	15.1	13.3 - 16.9	35,600	14.6	11.3 - 18.0	4,000	10.5	8.8 - 12.2	14,800	9.6	6.7 - 12.5	7,000
<b>Hardships and Support during Pregnancy</b>															
Experienced two or more hardships during childhood	25.3	23.8 - 26.7	121,600	30.3	27.9 - 32.7	70,300	33.0	28.0 - 38.0	8,800	24.7	22.2 - 27.2	34,200	6.2	4.3 - 8.1	4,500
Homeless or did not have a regular place to sleep	2.9	2.4 - 3.4	14,000	3.1	2.3 - 3.9	7,300	9.1	6.7 - 11.5	2,500	2.1	1.4 - 2.9	3,000	1.1 *	0.2 - 1.9	800
Moved due to problems paying rent or mortgage	6.9	6.0 - 7.7	33,600	8.4	6.9 - 9.8	19,700	13.4	10.1 - 16.7	3,700	5.3	4.0 - 6.6	7,500	2.6	1.2 - 3.9	1,900
Woman or partner lost job	14.6	13.4 - 15.8	71,000	18.2	16.2 - 20.2	42,500	19.8	15.7 - 24.0	5,400	12.2	10.3 - 14.2	17,200	6.7	4.3 - 9.1	4,900
Woman or partner had pay or hours cut back	11.8	10.7 - 12.8	57,100	13.8	12.1 - 15.5	32,200	16.2	12.8 - 19.6	4,400	11.2	9.3 - 13.1	15,700	5.3	3.1 - 7.6	3,900
Became separated or divorced	7.6	6.7 - 8.5	37,000	10.5	8.9 - 12.1	24,700	14.8	11.2 - 18.3	4,000	4.2	3.0 - 5.4	5,900	1.7 *	0.5 - 2.8	1,200
Had no practical or emotional support	4.4	3.7 - 5.2	21,700	6.7	5.4 - 8.0	15,800	3.6	2.1 - 5.1	1,000	1.6	1.0 - 2.2	2,300	3.2	1.4 - 5.0	2,400
<b>Substance Use</b>															
Any smoking, 3 months before pregnancy	11.6	10.5 - 12.7	56,500	8.9	7.4 - 10.5	21,100	18.6	14.5 - 22.7	5,000	17.3	15.2 - 19.5	24,300	6.7	4.0 - 9.4	4,900
Any smoking, 3rd trimester†	2.9	2.3 - 3.4	13,900	1.6	0.9 - 2.3	3,800	5.9	4.2 - 7.5	1,600	5.0	3.8 - 6.2	7,000	1.8 *	0.3 - 3.3	1,300
Any smoking, postpartum	5.6	4.8 - 6.3	27,300	3.4	2.5 - 4.3	8,000	12.3	9.3 - 15.3	3,300	9.3	7.6 - 11.0	13,000	2.7 *	1.0 - 4.5	2,000
Any binge drinking, 3 months before pregnancy	15.1	13.8 - 16.3	72,900	14.3	12.5 - 16.1	33,500	13.2	9.1 - 17.2	3,500	20.5	18.1 - 22.8	28,400	7.1	4.5 - 9.8	5,200
Any alcohol use, 3rd trimester†	7.6	6.6 - 8.6	37,000	3.9	2.8 - 5.0	9,200	6.7	3.2 - 10.3	1,800	15.7	13.4 - 18.0	22,000	4.6	2.4 - 6.9	3,400
<b>Pregnancy Intention and Family Planning</b>															
Mistimed or unwanted pregnancy	31.2	29.6 - 32.8	151,800	38.4	35.9 - 40.9	90,000	40.3	35.2 - 45.4	11,000	23.3	20.8 - 25.8	32,600	21.1	16.8 - 25.4	15,400
Unsure of pregnancy intentions	12.9	11.8 - 14.0	62,700	14.5	12.7 - 16.3	34,100	20.6	16.4 - 24.7	5,600	9.4	7.9 - 10.9	13,100	9.4	6.5 - 12.3	6,900
Postpartum birth control use†	81.6	80.3 - 83.0	390,200	85.6	83.8 - 87.3	197,400	74.1	69.5 - 78.6	19,800	81.3	79.0 - 83.7	112,600	72.8	68.0 - 77.5	51,600
<b>Infant Sleep and Breastfeeding</b>															
Placed infant on back to sleep	79.7	78.3 - 81.1	383,200	80.2	78.1 - 82.3	185,800	64.8	59.9 - 69.7	17,100	81.0	78.6 - 83.5	112,800	81.6	77.3 - 85.9	58,900
Infant always or often shared bed	34.1	32.5 - 35.7	163,700	35.4	33.0 - 37.8	81,900	48.7	43.3 - 54.1	12,900	24.6	22.2 - 27.0	34,200	42.1	36.9 - 47.3	30,200
Intended to breastfeed, before birth	92.4	91.5 - 93.4	444,100	91.7	90.3 - 93.1	211,900	85.7	81.8 - 89.7	22,800	94.6	93.4 - 95.8	131,500	93.0	90.1 - 95.9	67,200
Intended to breastfeed exclusively, before birth	64.2	62.6 - 65.9	308,500	57.2	54.7 - 59.7	132,200	57.5	52.3 - 62.8	15,300	81.0	78.6 - 83.4	112,700	54.6	49.3 - 59.9	39,400
Breastfeeding practices															
Any breastfeeding, 1 month after delivery	83.5	82.3 - 84.8	398,500	82.0	80.1 - 83.9	188,600	75.1	70.1 - 80.0	19,400	85.7	83.6 - 87.8	118,800	85.8	81.9 - 89.8	61,100
Exclusive breastfeeding, 1 month after delivery	42.7	41.0 - 44.4	200,700	39.0	36.5 - 41.5	88,100	41.7	36.4 - 47.0	10,800	54.1	51.1 - 57.1	73,700	31.2	26.4 - 36.0	22,100
Any breastfeeding, 3 months after delivery	66.2	64.3 - 68.2	244,200	60.8	58.0 - 63.7	112,700	51.4	45.5 - 57.3	10,000	73.1	69.9 - 76.4	73,900	75.1	69.7 - 80.5	40,100
Exclusive breastfeeding, 3 months after delivery	27.4	25.7 - 29.1	99,800	20.8	18.5 - 23.1	38,100	25.3	20.2 - 30.4	5,000	42.6	39.1 - 46.1	42,200	20.1	15.5 - 24.7	10,700



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	California			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	70.4	68.8 - 71.9	344,100	64.9	62.5 - 67.4	153,300	76.0	72.0 - 80.0	20,600	76.8	74.4 - 79.2	108,100	73.9	69.3 - 78.6	54,100
Initiated prenatal care in 1st trimester	89.7	88.7 - 90.6	433,500	87.2	85.6 - 88.8	202,700	85.9	82.6 - 89.1	23,200	92.0	90.5 - 93.5	128,500	94.3	92.2 - 96.3	68,600
Had a postpartum medical visit	87.5	86.4 - 88.7	427,500	83.9	82.0 - 85.9	197,800	83.3	79.6 - 87.0	22,800	91.3	89.5 - 93.0	127,900	92.9	90.3 - 95.6	68,300
Mom or infant needed but couldn't afford care postpartum	12.6	11.4 - 13.7	59,700	16.1	14.2 - 18.0	37,000	11.9	8.8 - 15.0	3,200	9.0	7.4 - 10.5	12,300	9.0	6.1 - 11.9	6,400
Participated in WIC during pregnancy†	54.1	52.9 - 55.4	259,300	78.1	76.2 - 80.0	181,600	72.5	68.6 - 76.4	19,700	25.6	23.2 - 27.9	35,000	26.6	22.3 - 30.9	18,800
Received CalFresh (food stamps) during pregnancy	24.9	23.6 - 26.3	121,000	33.0	30.7 - 35.3	77,100	54.6	49.5 - 59.8	14,900	15.0	13.0 - 17.0	21,000	7.8	5.4 - 10.1	5,700
Pre-pregnancy insurance															
Medi-Cal	24.5	23.1 - 25.8	119,600	33.6	31.3 - 35.9	79,200	45.0	40.0 - 50.0	12,200	12.8	10.8 - 14.7	18,000	11.2	8.4 - 14.1	8,300
Uninsured	24.0	22.6 - 25.4	117,500	34.8	32.4 - 37.2	82,100	17.5	13.6 - 21.4	4,700	14.0	12.0 - 16.0	19,700	12.5	8.8 - 16.1	9,200
Private	47.5	46.2 - 48.9	232,500	28.4	26.2 - 30.5	66,900	28.8	24.4 - 33.3	7,800	68.5	65.9 - 71.1	96,500	73.1	68.7 - 77.5	53,700
Prenatal insurance															
Medi-Cal	49.7	48.4 - 51.0	242,800	70.8	68.6 - 73.0	167,100	65.9	61.1 - 70.6	18,000	26.4	24.0 - 28.8	37,100	23.0	19.0 - 27.0	16,800
Uninsured	1.6	1.2 - 2.0	7,900	2.0	1.3 - 2.8	4,800	1.6*	0.6 - 2.7	400	0.8	0.5 - 1.2	1,200	1.6*	0.2 - 3.1	1,200
Private	44.5	43.1 - 45.8	217,100	24.3	22.2 - 26.4	57,300	24.7	20.6 - 28.9	6,800	66.5	63.9 - 69.1	93,600	71.7	67.3 - 76.0	52,300
Maternal postpartum insurance															
Medi-Cal	36.2	34.7 - 37.6	175,700	48.3	45.9 - 50.8	113,000	64.4	59.4 - 69.5	17,600	21.0	18.8 - 23.3	29,600	17.1	13.6 - 20.5	12,400
Uninsured	15.0	13.8 - 16.2	72,800	23.5	21.3 - 25.6	54,800	6.5	3.8 - 9.1	1,800	6.6	5.1 - 8.0	9,200	7.7	4.9 - 10.5	5,600
Private	45.7	44.3 - 47.0	221,900	26.0	23.9 - 28.1	60,700	22.1	18.0 - 26.3	6,000	68.0	65.5 - 70.6	95,600	72.5	68.3 - 76.8	52,900
Infant health insurance															
Medi-Cal	52.2	50.9 - 53.6	250,400	73.9	71.8 - 76.0	170,400	69.5	64.6 - 74.5	18,400	28.0	25.5 - 30.5	39,000	26.1	21.9 - 30.3	18,800
Uninsured	2.9	2.2 - 3.5	13,700	3.7	2.7 - 4.8	8,600	1.6	0.7 - 2.5	400	1.9	1.2 - 2.5	2,600	1.8*	0.2 - 3.4	1,300
Private	41.3	40.0 - 42.6	198,000	19.9	18.0 - 21.8	46,000	20.7	16.4 - 25.0	5,500	64.9	62.2 - 67.5	90,200	69.5	65.1 - 74.0	50,000
<b>Maternal Demographics</b>															
Age															
15-19	5.6	4.9 - 6.4	27,500	9.1	7.6 - 10.5	21,500	8.3	5.4 - 11.3	2,300	2.1	1.5 - 2.7	3,000	0.4*	0.1 - 0.7	300
20-34	74.5	73.0 - 76.0	365,300	75.7	73.5 - 77.8	178,900	77.2	72.6 - 81.9	21,200	75.0	72.4 - 77.6	105,700	68.7	63.6 - 73.8	50,600
35+	19.9	18.5 - 21.3	97,400	15.3	13.6 - 17.0	36,100	14.4	10.5 - 18.3	4,000	22.8	20.3 - 25.4	32,200	30.9	25.8 - 35.9	22,700
Did not complete high school (or GED)	16.5	15.2 - 17.7	79,900	28.7	26.4 - 31.1	67,100	12.9	9.8 - 16.0	3,500	4.6	3.4 - 5.9	6,500	2.5	1.2 - 3.9	1,800
Unmarried	40.9	39.4 - 42.4	199,000	55.1	52.6 - 57.6	129,200	68.4	63.5 - 73.3	18,600	25.5	23.0 - 27.9	35,700	15.4	11.8 - 18.9	11,300
Born outside the U.S.	37.9	36.2 - 39.6	185,700	44.5	42.0 - 47.0	105,300	10.2	6.6 - 13.8	2,800	12.9	10.6 - 15.1	18,100	77.3	73.2 - 81.3	56,900
Speaks non-English language at home	30.1	28.5 - 31.7	144,800	39.3	36.9 - 41.7	91,900	7.7	4.2 - 11.3	2,100	6.9	5.1 - 8.7	9,600	57.0	51.6 - 62.3	39,800
Lives in a high poverty neighborhood	38.9	37.3 - 40.5	182,900	54.2	51.7 - 56.7	121,300	54.0	48.7 - 59.3	14,000	21.0	18.5 - 23.5	28,900	21.5	17.0 - 25.9	15,300
Income as a percent of the Federal Poverty Guideline															
0-100%	41.0	39.5 - 42.4	188,800	60.2	57.7 - 62.7	131,700	59.5	54.5 - 64.5	15,500	20.0	17.7 - 22.3	27,100	16.7	12.9 - 20.4	11,600
101-200%	20.8	19.4 - 22.2	96,000	25.0	22.7 - 27.2	54,600	20.5	16.3 - 24.8	5,400	16.5	14.3 - 18.7	22,300	16.4	12.7 - 20.0	11,400
> 200%	38.2	36.9 - 39.6	176,200	14.8	13.1 - 16.5	32,400	20.0	15.9 - 24.1	5,200	63.5	60.8 - 66.2	85,900	67.0	62.3 - 71.7	46,700

-- 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](http://www.cdph.ca.gov/MIHA).

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