



MIHA Snapshot, California by Prenatal Health Insurance, 2012

Maternal and Infant Health Assessment (MIHA) Survey

	Total			Medi-Cal			Uninsured			Private		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
Total	100		495,500	49.8	48.2 - 51.5	246,200	1.7	1.2 - 2.1	8,200	43.5	41.8 - 45.1	214,800
Prior Poor Birth Outcomes												
Prior low birth weight or preterm delivery	8.8	7.6 - 9.9	42,900	9.8	8.1 - 11.5	23,800	13.8	5.4 - 22.2	1,100	6.7	5.2 - 8.3	14,400
Prior delivery by c-section	16.1	14.5 - 17.7	79,600	18.1	15.6 - 20.6	44,500	18.8	7.6 - 30.1	1,600	14.3	12.0 - 16.5	30,600
Health Status												
In good to excellent health before pregnancy	92.2	91.1 - 93.4	456,300	88.5	86.5 - 90.5	217,700	80.1	67.1 - 93.2	6,600	96.6	95.4 - 97.8	207,000
Chronic conditions before or during pregnancy												
Diabetes or gestational diabetes	11.3	10.0 - 12.7	55,400	12.2	10.3 - 14.1	29,600	5.6	0.0 - 11.2	400	10.8	8.8 - 12.7	22,900
Hypertension, preeclampsia or eclampsia	8.5	7.5 - 9.6	41,200	8.8	7.4 - 10.3	21,000	10.8	4.3 - 17.2	900	8.1	6.5 - 9.7	17,100
Asthma	8.0	6.9 - 9.1	38,700	9.5	7.7 - 11.4	22,700	5.6	0.6 - 10.7	400	6.9	5.5 - 8.3	14,600
Nutrition and Weight												
Daily folic acid use, month before pregnancy	34.0	31.9 - 36.1	168,100	23.2	20.6 - 25.7	57,000	20.0	10.6 - 29.3	1,600	45.9	42.5 - 49.4	98,500
Overweight before pregnancy	24.1	22.2 - 26.0	111,600	26.3	23.4 - 29.2	57,700	19.6	7.7 - 31.4	1,400	22.1	19.5 - 24.8	46,600
Obese before pregnancy	18.3	16.6 - 19.9	84,600	23.1	20.5 - 25.7	50,700	18.9	9.0 - 28.8	1,400	14.2	12.0 - 16.4	29,900
Inadequate weight gain during pregnancy	16.5	14.7 - 18.4	63,800	20.0	16.9 - 23.1	35,000	18.1	6.6 - 29.7	1,000	13.3	10.9 - 15.8	24,600
Excessive weight gain during pregnancy	42.5	40.0 - 45.1	164,200	42.1	38.4 - 45.9	73,600	47.5	28.6 - 66.5	2,500	42.9	39.2 - 46.6	79,000
Food insecurity during pregnancy	18.6	16.9 - 20.3	91,600	30.1	27.1 - 33.1	73,600	35.1	20.6 - 49.6	2,900	5.8	4.6 - 7.0	12,400
Intimate Partner Violence (IPV) and Depressive Symptoms												
Physical or psychological IPV during pregnancy	8.8	7.5 - 10.2	43,400	12.6	10.3 - 14.9	30,900	18.6	5.5 - 31.6	1,500	4.0	2.7 - 5.4	8,700
Prenatal depressive symptoms	16.4	14.7 - 18.1	81,200	22.3	19.5 - 25.2	54,800	37.4	23.2 - 51.5	3,100	9.4	7.5 - 11.2	20,100
Postpartum depressive symptoms	16.0	14.3 - 17.6	78,800	19.4	16.7 - 22.0	47,600	20.4	10.6 - 30.2	1,700	12.0	9.8 - 14.1	25,600
Hardships and Support during Pregnancy												
Homeless or did not have a regular place to sleep	3.7	3.0 - 4.5	18,100	6.0	4.6 - 7.4	14,300	13.4	4.5 - 22.3	1,100	0.9	0.3 - 1.5	2,000
Moved due to problems paying rent or mortgage	7.5	6.4 - 8.6	36,600	11.1	9.1 - 13.1	26,700	9.5	3.4 - 15.7	800	3.2	2.2 - 4.1	6,700
Woman or partner lost job	17.3	15.7 - 18.9	84,200	24.2	21.5 - 26.8	57,700	25.8	12.5 - 39.0	2,100	10.0	8.0 - 12.0	21,300
Woman or partner had pay or hours cut back	14.3	12.8 - 15.8	69,500	18.6	16.2 - 21.0	44,300	15.3	2.4 - 28.1	1,200	9.9	8.1 - 11.8	21,200
Became separated or divorced	7.9	6.8 - 9.0	38,600	12.8	10.7 - 14.9	30,800	9.6	2.6 - 16.5	800	2.4	1.6 - 3.2	5,200
Had no practical or emotional support	5.5	4.4 - 6.5	26,900	7.9	6.1 - 9.7	19,200	8.0	2.7 - 13.2	700	2.8	1.6 - 4.0	6,000
Substance Use												
Any smoking, 3 months before pregnancy	11.9	10.6 - 13.3	58,700	15.6	13.3 - 17.9	37,900	16.3	7.1 - 25.6	1,300	7.9	6.2 - 9.6	16,900
Any smoking, 1st or 3rd trimester	8.3	7.1 - 9.6	41,000	11.8	9.6 - 14.0	28,700	15.4	6.3 - 24.6	1,300	4.2	2.9 - 5.5	9,000
Any smoking, postpartum	5.7	4.7 - 6.6	27,800	8.6	6.8 - 10.4	20,900	5.6	2.2 - 9.0	500	2.2	1.5 - 3.0	4,800
Any binge drinking, 3 months before pregnancy	13.9	12.5 - 15.3	68,000	11.7	9.9 - 13.4	28,200	14.8	5.4 - 24.2	1,200	15.8	13.5 - 18.1	33,800
Any alcohol use, 1st or 3rd trimester	20.9	19.1 - 22.6	102,000	15.0	12.7 - 17.2	36,400	16.0	6.6 - 25.5	1,300	27.7	24.6 - 30.7	58,800
Infant Sleep and Breastfeeding												
Placed infant on back to sleep	76.1	74.1 - 78.1	366,400	70.0	66.9 - 73.2	166,600	70.5	58.9 - 82.2	5,400	82.9	80.3 - 85.5	174,300
Intended to breastfeed, before birth	92.2	90.9 - 93.5	444,100	89.0	86.7 - 91.3	211,500	84.7	74.4 - 94.9	6,500	96.0	94.9 - 97.0	201,900
Intended to breastfeed exclusively, before birth	62.0	59.9 - 64.2	298,800	53.7	50.5 - 56.9	127,600	36.3	22.5 - 50.2	2,800	71.7	68.6 - 74.8	150,800
Breastfeeding practices												
Any breastfeeding, 1 month after delivery	82.7	81.0 - 84.4	393,200	77.2	74.4 - 80.0	181,400	82.1	73.5 - 90.8	6,200	88.5	86.5 - 90.5	183,500
Exclusive breastfeeding, 1 month after delivery	41.9	39.7 - 44.1	196,500	38.3	35.2 - 41.3	87,500	32.0	17.7 - 46.3	2,300	45.9	42.5 - 49.3	95,000
Any breastfeeding, 3 months after delivery	64.9	62.4 - 67.5	245,000	54.7	51.0 - 58.5	105,000	53.8	36.4 - 71.2	3,200	76.6	73.1 - 80.0	121,500
Exclusive breastfeeding, 3 months after delivery	26.5	24.3 - 28.7	98,600	19.3	16.7 - 21.9	36,000	17.6	2.6 - 32.7	1,000	35.0	31.2 - 38.7	55,700



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	Total			Medi-Cal			Uninsured			Private		
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Pregnancy Intention and Family Planning												
Mistimed or unwanted pregnancy	30.9	28.8 - 33.0	152,500	40.6	37.4 - 43.9	99,400	40.6	26.9 - 54.2	3,300	20.2	17.5 - 23.0	43,300
Unsure of pregnancy intentions	12.9	11.3 - 14.4	63,500	15.7	13.3 - 18.0	38,300	20.4	6.9 - 33.9	1,700	9.8	7.6 - 12.1	21,100
Postpartum birth control use	89.8	88.1 - 91.5	395,800	91.5	89.4 - 93.6	199,100	81.2	67.1 - 95.2	6,000	88.5	85.7 - 91.2	169,400
Service Utilization and Health Insurance Coverage												
Had a usual source of pre-pregnancy care	72.0	70.1 - 74.0	356,600	60.3	57.2 - 63.3	148,300	41.6	28.2 - 55.0	3,400	87.0	84.7 - 89.4	186,800
Initiated prenatal care in 1st trimester †	88.0	86.6 - 89.4	430,000	83.3	81.0 - 85.6	201,200	60.9	47.0 - 74.8	4,900	94.3	92.6 - 96.1	201,100
Had a dental visit during pregnancy	42.1	40.0 - 44.3	208,300	30.5	27.5 - 33.4	74,800	31.7	19.0 - 44.4	2,500	56.3	52.9 - 59.7	120,800
Had a postpartum medical visit	88.3	87.0 - 89.7	434,500	82.6	80.3 - 85.0	201,800	59.5	45.7 - 73.4	4,900	95.4	94.1 - 96.7	204,200
Mom or infant needed but couldn't afford care postpartum	14.8	13.2 - 16.4	71,500	22.2	19.4 - 25.0	53,000	30.5	18.7 - 42.4	2,400	5.9	4.4 - 7.3	12,300
Participated in WIC during pregnancy	55.6	54.1 - 57.1	269,800	87.5	86.1 - 88.9	215,300	56.7	42.9 - 70.5	4,600	19.1	16.7 - 21.6	39,300
Received CalFresh (food stamps) during pregnancy	24.7	23.0 - 26.5	121,900	46.1	43.0 - 49.3	112,700	16.0	8.0 - 24.0	1,300	2.9	1.7 - 4.1	6,200
Pre-pregnancy insurance												
Medi-Cal	24.5	22.7 - 26.3	120,700	48.2	45.0 - 51.3	117,400	8.8	2.9 - 14.7	700	0.7	0.0 - 1.4	1,600
Uninsured	24.7	22.9 - 26.4	121,500	42.5	39.4 - 45.6	103,500	85.2	77.8 - 92.5	7,000	1.9	1.2 - 2.7	4,200
Private	47.0	45.2 - 48.7	231,300	7.5	5.9 - 9.1	18,300	*			96.9	95.8 - 98.0	207,800
Maternal postpartum insurance												
Medi-Cal	34.6	32.8 - 36.5	169,700	66.8	63.9 - 69.6	161,500	32.6	20.1 - 45.0	2,700	2.3	1.3 - 3.2	4,900
Uninsured	16.7	15.2 - 18.1	81,600	27.8	25.1 - 30.6	67,300	62.9	50.0 - 75.7	5,200	1.6	1.1 - 2.1	3,500
Private	45.1	43.4 - 46.8	221,000	4.5	3.6 - 5.5	10,900	*			95.8	94.7 - 96.9	205,700
Infant health insurance												
Medi-Cal	49.2	47.4 - 51.0	237,400	89.1	87.0 - 91.3	212,300	67.1	54.0 - 80.3	5,100	8.0	6.4 - 9.6	16,900
Healthy Families	5.1	4.2 - 6.1	24,800	4.5	3.3 - 5.7	10,800	*			2.7	1.5 - 3.9	5,600
Uninsured	2.4	1.5 - 3.3	11,800	3.1	1.4 - 4.8	7,400	25.1	12.5 - 37.6	1,900	1.0	0.6 - 1.4	2,100
Private	40.7	39.0 - 42.4	196,200	3.0	2.1 - 3.9	7,200	3.9	0.8 - 6.9	300	88.0	86.0 - 90.0	185,800
Maternal Demographics												
Age												
15-19	7.0	5.8 - 8.2	34,500	11.7	9.4 - 14.0	28,800	12.8	3.8 - 21.8	1,100	1.8	1.1 - 2.4	3,800
20-34	74.0	72.0 - 76.1	366,900	77.0	74.3 - 79.8	189,700	60.9	46.3 - 75.5	5,000	70.0	66.7 - 73.3	150,400
35+	19.0	17.2 - 20.8	94,100	11.3	9.4 - 13.2	27,800	26.3	11.8 - 40.8	2,200	28.2	25.0 - 31.5	60,700
Did not complete high school (or GED)	18.2	16.4 - 19.9	89,700	31.3	28.2 - 34.3	76,700	37.2	23.0 - 51.4	3,100	3.8	2.4 - 5.3	8,200
Unmarried	41.7	39.7 - 43.6	205,400	64.6	61.8 - 67.5	158,100	52.9	38.5 - 67.2	4,400	17.9	15.4 - 20.4	38,400
Race/Ethnicity												
Hispanic	50.1	48.2 - 52.0	242,700	68.9	66.5 - 71.4	166,800	69.4	57.1 - 81.7	5,600	30.0	27.0 - 33.0	62,700
Black	5.8	5.2 - 6.5	28,300	8.0	6.6 - 9.4	19,400	*			3.5	2.7 - 4.3	7,300
White	28.7	26.9 - 30.5	139,000	15.2	13.5 - 16.9	36,800	11.7	5.5 - 17.9	900	43.1	39.7 - 46.5	90,000
Asian/Pacific Islander	14.8	13.2 - 16.5	71,900	7.2	5.8 - 8.6	17,500	12.8	2.1 - 23.5	1,000	23.0	19.9 - 26.2	48,100
Born outside the U.S.	39.3	37.2 - 41.5	194,800	44.4	41.4 - 47.4	109,100	66.6	54.6 - 78.6	5,500	33.8	30.4 - 37.2	72,600
Speaks non-English language at home	30.8	28.8 - 32.8	150,100	40.2	37.2 - 43.2	97,500	46.2	32.0 - 60.5	3,800	20.6	17.5 - 23.7	43,400
Income as a percent of the Federal Poverty Guideline												
0-100%	43.4	41.5 - 45.3	198,900	76.5	74.0 - 78.9	171,100	81.9	73.3 - 90.5	6,200	8.7	6.8 - 10.5	17,500
101-200%	18.6	16.9 - 20.3	85,200	19.7	17.4 - 21.9	44,000	14.5	6.5 - 22.5	1,100	15.4	12.9 - 17.9	31,200
>200%	38.0	36.2 - 39.8	174,200	3.9	2.9 - 4.9	8,700	3.6	0.9 - 6.2	300	75.9	73.1 - 78.8	153,800

* Data are not presented because fewer than 10 women reported. † In 2012, the measure changed for this indicator and is not comparable to prior years (see Technical Document).

Notes: MIHA is an annual population-based survey of California resident women with a live birth in 2012, with a sample size of 6,810. 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 in California in 2012. Prior poor birth outcomes are presented for all women. See the Technical Document for information on weighting, comparability to prior years and technical definitions.

MIHA is a collaborative effort of the Maternal, Child and Adolescent Health and WIC Programs of the Center for Family Health, California Department of Public Health and the Center on Social Disparities in Health at the University of California, San Francisco. Visit the MIHA website at www.cdph.ca.gov/MIHA.