



MIHA Data Snapshot, California by Race/Ethnicity, 2013-2015

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
Total	100		487,900	49.2	48.0 - 50.4	235,200	5.6	5.4 - 5.9	26,900	29.3	28.1 - 30.4	140,000	15.4	14.3 - 16.5	73,800
Health Status before Pregnancy															
In good to excellent health	92.0	91.2 - 92.7	448,000	88.3	87.0 - 89.6	207,200	89.7	87.0 - 92.3	24,100	96.0	95.2 - 96.9	134,300	96.3	95.1 - 97.6	71,000
Chronic conditions															
Diabetes†	2.5	2.1 - 3.0	12,200	3.1	2.4 - 3.8	7,200	2.2	1.2 - 3.3	600	1.0	0.6 - 1.5	1,400	3.5	1.9 - 5.1	2,600
Hypertension†	2.6	2.3 - 3.0	12,600	2.2	1.7 - 2.7	4,900	8.3	5.9 - 10.6	2,200	2.6	1.9 - 3.3	3,600	2.0	0.8 - 3.1	1,400
Asthma†	8.4	7.6 - 9.1	40,000	6.9	5.8 - 7.9	15,700	16.8	14.0 - 19.5	4,400	11.7	10.2 - 13.2	16,300	3.2	2.1 - 4.2	2,300
Nutrition and Weight															
Daily folic acid use, month before pregnancy	33.8	32.5 - 35.0	164,400	26.0	24.3 - 27.8	61,100	24.7	21.3 - 28.2	6,600	42.1	39.8 - 44.5	58,900	45.9	41.8 - 50.0	33,800
Overweight before pregnancy	25.1	23.8 - 26.3	116,100	29.7	27.8 - 31.7	63,700	26.2	22.7 - 29.7	6,800	21.4	19.5 - 23.3	29,600	17.9	14.7 - 21.2	13,000
Obese before pregnancy	20.1	19.0 - 21.2	93,000	26.3	24.5 - 28.2	56,500	25.2	21.7 - 28.6	6,600	16.2	14.5 - 17.8	22,300	7.5	5.6 - 9.3	5,400
Inadequate weight gain during pregnancy	18.2	17.0 - 19.4	74,300	21.6	19.7 - 23.6	39,900	14.5	11.6 - 17.4	3,200	12.4	10.7 - 14.1	15,500	21.7	18.1 - 25.3	14,400
Excessive weight gain during pregnancy	41.2	39.7 - 42.6	168,100	38.2	36.0 - 40.4	70,600	52.4	48.2 - 56.7	11,600	47.5	45.1 - 50.0	59,400	33.0	28.8 - 37.1	21,800
Food insecurity during pregnancy	15.6	14.6 - 16.5	75,100	20.8	19.1 - 22.5	48,300	20.1	17.1 - 23.1	5,400	11.4	9.9 - 12.9	15,900	5.9	4.3 - 7.4	4,200
Intimate Partner Violence (IPV) and Depressive Symptoms															
Physical or psychological IPV during pregnancy	7.0	6.3 - 7.7	34,000	8.4	7.3 - 9.5	19,600	11.3	9.0 - 13.5	3,000	5.0	4.0 - 6.0	7,000	4.6	3.0 - 6.3	3,400
Prenatal depressive symptoms	14.1	13.1 - 15.0	68,500	17.1	15.6 - 18.7	40,100	19.9	16.8 - 23.0	5,400	9.5	8.3 - 10.8	13,300	10.3	7.7 - 12.8	7,500
Postpartum depressive symptoms	13.5	12.6 - 14.4	65,700	15.4	13.9 - 16.8	35,900	15.6	13.0 - 18.2	4,200	10.9	9.5 - 12.3	15,200	11.7	9.1 - 14.3	8,600
Hardships and Support during Pregnancy															
Experienced two or more hardships during childhood	24.6	23.4 - 25.7	116,800	28.9	27.1 - 30.8	66,100	31.7	27.9 - 35.5	8,300	23.9	22.0 - 25.9	32,700	8.6	6.5 - 10.6	6,200
Homeless or did not have a regular place to sleep	3.0	2.6 - 3.4	14,500	3.2	2.5 - 3.8	7,300	8.6	6.7 - 10.5	2,300	2.3	1.6 - 3.0	3,200	0.9*	0.3 - 1.5	700
Moved due to problems paying rent or mortgage	6.4	5.8 - 7.1	31,100	7.5	6.4 - 8.6	17,400	13.5	10.8 - 16.2	3,600	5.3	4.2 - 6.4	7,400	2.6	1.4 - 3.9	1,900
Woman or partner lost job	14.3	13.3 - 15.2	68,700	17.7	16.2 - 19.3	40,900	19.6	16.4 - 22.8	5,200	11.5	10.0 - 13.0	16,000	6.9	5.0 - 8.7	5,000
Woman or partner had pay or hours cut back	11.4	10.5 - 12.2	54,700	12.9	11.6 - 14.2	29,800	16.5	13.8 - 19.2	4,400	11.0	9.6 - 12.5	15,300	5.6	4.0 - 7.3	4,100
Became separated or divorced	7.0	6.3 - 7.7	34,000	9.1	7.9 - 10.3	21,100	16.5	13.6 - 19.3	4,400	4.0	3.1 - 5.0	5,600	2.3	1.0 - 3.6	1,700
Had no practical or emotional support	4.6	4.0 - 5.2	22,500	6.9	5.8 - 8.0	16,100	3.8	2.5 - 5.0	1,000	1.8	1.2 - 2.5	2,600	3.6	2.1 - 5.0	2,600
Substance Use															
Any smoking, 3 months before pregnancy	10.8	9.9 - 11.6	52,100	7.8	6.7 - 8.9	18,200	18.1	15.0 - 21.3	4,800	16.6	14.9 - 18.4	23,100	6.3	4.3 - 8.4	4,700
Any smoking, 3rd trimester†	2.7	2.3 - 3.1	13,200	1.4	0.9 - 2.0	3,400	6.0	4.5 - 7.5	1,600	4.9	3.9 - 5.8	6,800	1.5*	0.4 - 2.5	1,100
Any smoking, postpartum	5.4	4.8 - 6.0	26,100	3.1	2.4 - 3.8	7,300	12.1	9.8 - 14.5	3,200	9.3	8.0 - 10.7	13,000	2.4	1.2 - 3.6	1,700
Any binge drinking, 3 months before pregnancy	15.1	14.1 - 16.0	72,600	13.9	12.5 - 15.3	32,300	13.3	10.3 - 16.3	3,500	21.0	19.1 - 22.9	29,000	7.9	5.7 - 10.1	5,700
Any alcohol use, 3rd trimester†	7.3	6.6 - 8.1	35,600	3.7	2.9 - 4.5	8,600	6.1	3.6 - 8.6	1,600	15.3	13.5 - 17.1	21,300	4.4	2.8 - 6.1	3,200
Pregnancy Intention and Family Planning															
Mistimed or unwanted pregnancy	30.5	29.3 - 31.8	147,900	37.0	35.0 - 39.0	86,500	40.1	36.2 - 44.0	10,800	23.5	21.5 - 25.6	32,700	20.3	17.0 - 23.6	14,800
Unsure of pregnancy intentions	12.8	11.9 - 13.7	62,100	14.0	12.6 - 15.4	32,600	21.6	18.4 - 24.8	5,800	10.0	8.6 - 11.3	13,900	9.8	7.5 - 12.2	7,200
Postpartum birth control use†	81.0	79.9 - 82.1	386,400	85.0	83.6 - 86.5	195,700	72.8	69.2 - 76.4	19,100	81.3	79.4 - 83.3	112,000	71.2	67.4 - 75.0	50,600
Infant Sleep and Breastfeeding															
Placed infant on back to sleep	80.3	79.2 - 81.4	384,100	80.6	79.0 - 82.3	185,500	65.3	61.5 - 69.1	17,000	82.2	80.3 - 84.1	113,300	82.5	79.2 - 85.8	59,700
Infant always or often shared bed	34.6	33.3 - 35.9	165,100	36.5	34.6 - 38.4	83,700	49.1	44.9 - 53.2	12,800	24.4	22.5 - 26.3	33,600	42.1	37.9 - 46.2	30,300
Intended to breastfeed, before birth	92.4	91.7 - 93.2	441,900	91.8	90.7 - 93.0	210,900	85.7	82.7 - 88.7	22,500	94.1	92.9 - 95.2	129,700	93.4	91.2 - 95.6	67,600
Intended to breastfeed exclusively, before birth	64.7	63.3 - 66.0	309,100	57.9	55.9 - 60.0	133,100	57.6	53.6 - 61.7	15,100	80.4	78.4 - 82.3	110,800	56.3	52.1 - 60.5	40,800
Breastfeeding practices															
Any breastfeeding, 1 month after delivery	83.8	82.8 - 84.8	397,900	81.7	80.2 - 83.3	186,500	76.4	72.7 - 80.1	19,600	86.5	84.9 - 88.2	118,900	86.4	83.4 - 89.4	61,800
Exclusive breastfeeding, 1 month after delivery	44.2	42.9 - 45.6	206,800	40.6	38.6 - 42.7	91,100	41.6	37.6 - 45.7	10,700	55.5	53.0 - 57.9	75,200	33.2	29.4 - 37.1	23,500
Any breastfeeding, 3 months after delivery	67.3	65.8 - 68.8	252,100	61.6	59.3 - 63.8	114,700	53.2	48.7 - 57.6	10,700	74.4	71.9 - 77.0	77,500	76.2	72.1 - 80.3	41,100
Exclusive breastfeeding, 3 months after delivery	29.1	27.7 - 30.5	107,600	22.5	20.6 - 24.4	41,400	24.9	21.1 - 28.7	5,000	43.3	40.5 - 46.0	44,500	23.3	19.4 - 27.3	12,500



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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
Service Utilization and Health Insurance Coverage															
Had a usual source of pre-pregnancy care	70.6	69.4 - 71.9	343,800	65.5	63.5 - 67.4	153,500	75.5	72.4 - 78.6	20,200	77.2	75.3 - 79.2	108,000	73.1	69.4 - 76.8	53,700
Initiated prenatal care in 1st trimester	89.4	88.6 - 90.2	428,900	86.9	85.6 - 88.2	199,900	85.8	83.2 - 88.4	22,800	92.5	91.4 - 93.7	128,500	92.1	89.9 - 94.2	67,200
Mom or infant needed but couldn't afford care postpartum	11.5	10.6 - 12.4	54,200	14.6	13.1 - 16.1	33,400	10.8	8.5 - 13.1	2,800	8.3	7.1 - 9.6	11,300	8.2	5.9 - 10.5	5,800
Participated in WIC during pregnancy†	53.4	52.4 - 54.4	254,400	77.0	75.5 - 78.6	177,800	71.6	68.6 - 74.5	19,100	25.6	23.7 - 27.6	34,900	25.7	22.3 - 29.1	18,100
Received CalFresh (food stamps) during pregnancy	25.2	24.1 - 26.2	121,600	33.0	31.1 - 34.9	76,800	54.2	50.4 - 58.1	14,600	15.2	13.5 - 16.9	21,100	8.1	6.2 - 10.0	5,900
Pre-pregnancy insurance															
Medi-Cal	26.7	25.6 - 27.8	129,800	36.4	34.4 - 38.3	85,100	49.3	45.5 - 53.1	13,200	14.5	12.8 - 16.1	20,200	12.4	10.0 - 14.8	9,100
Uninsured	21.6	20.5 - 22.7	105,000	31.5	29.6 - 33.4	73,900	14.6	11.8 - 17.4	3,900	12.4	10.8 - 14.0	17,400	10.7	8.0 - 13.4	7,900
Private	47.8	46.7 - 48.9	232,400	28.9	27.2 - 30.7	67,800	29.0	25.7 - 32.4	7,800	68.2	66.1 - 70.3	95,400	73.7	70.2 - 77.2	54,200
Prenatal insurance															
Medi-Cal	50.1	49.0 - 51.1	243,600	70.8	69.0 - 72.5	166,000	67.2	63.7 - 70.7	18,000	27.1	25.1 - 29.0	37,800	22.9	19.8 - 26.1	16,800
Uninsured	1.6	1.3 - 2.0	7,800	1.9	1.3 - 2.4	4,400	1.6	0.7 - 2.5	400	1.1	0.6 - 1.5	1,500	1.8*	0.7 - 3.0	1,300
Private	44.1	43.1 - 45.2	214,700	24.5	22.8 - 26.2	57,400	24.7	21.7 - 27.8	6,600	65.9	63.8 - 68.0	92,100	70.9	67.4 - 74.5	52,000
Maternal postpartum insurance															
Medi-Cal	38.4	37.3 - 39.5	185,700	50.9	48.9 - 52.9	118,200	65.6	61.8 - 69.3	17,600	22.9	21.0 - 24.8	32,000	19.0	16.1 - 21.8	13,900
Uninsured	13.0	12.0 - 13.9	62,600	20.7	19.0 - 22.4	48,100	5.2	3.3 - 7.2	1,400	5.5	4.4 - 6.6	7,700	6.1	4.1 - 8.1	4,400
Private	45.3	44.2 - 46.3	218,800	25.7	24.0 - 27.3	59,600	23.4	20.3 - 26.5	6,300	67.2	65.1 - 69.3	93,800	72.1	68.7 - 75.5	52,800
Infant health insurance															
Medi-Cal	52.8	51.7 - 53.8	251,800	73.8	72.1 - 75.5	169,200	70.9	67.3 - 74.5	18,500	28.8	26.7 - 30.8	39,700	27.2	23.7 - 30.6	19,600
Uninsured	2.8	2.3 - 3.2	13,100	3.6	2.8 - 4.4	8,200	1.8	0.9 - 2.6	500	1.9	1.3 - 2.4	2,600	1.8*	0.6 - 3.0	1,300
Private	40.9	39.8 - 41.9	195,000	20.0	18.5 - 21.5	45,900	20.9	17.8 - 24.0	5,500	64.2	62.0 - 66.4	88,500	68.0	64.4 - 71.6	49,100
Maternal Demographics															
Age															
15-19	5.4	4.8 - 6.0	26,200	8.7	7.6 - 9.9	20,600	8.1	5.8 - 10.4	2,200	1.9	1.4 - 2.4	2,700	0.5	0.2 - 0.8	400
20-34	74.4	73.2 - 75.7	363,200	75.7	74.0 - 77.4	178,000	77.1	73.6 - 80.6	20,800	74.8	72.7 - 76.9	104,700	68.8	64.8 - 72.7	50,700
35+	20.2	19.1 - 21.3	98,500	15.6	14.2 - 17.0	36,600	14.8	11.9 - 17.8	4,000	23.3	21.2 - 25.4	32,600	30.7	26.8 - 34.7	22,700
Did not complete high school (or GED)	16.3	15.3 - 17.3	78,500	28.3	26.4 - 30.1	65,600	13.1	10.6 - 15.6	3,500	4.4	3.4 - 5.4	6,100	2.8	1.7 - 3.9	2,000
Unmarried	40.5	39.2 - 41.7	196,000	54.5	52.4 - 56.5	126,900	69.2	65.5 - 72.8	18,500	25.2	23.3 - 27.2	35,200	15.4	12.6 - 18.2	11,300
Born outside the U.S.	37.7	36.3 - 39.0	183,800	43.9	41.9 - 45.9	103,200	10.0	7.4 - 12.7	2,700	13.1	11.2 - 15.0	18,300	76.3	73.2 - 79.4	56,300
Speaks non-English language at home	30.7	29.4 - 32.0	147,700	39.5	37.5 - 41.4	92,000	7.3	4.8 - 9.9	2,000	7.5	5.9 - 9.0	10,300	58.3	54.2 - 62.4	41,500
Lives in a high poverty neighborhood	38.8	37.5 - 40.1	182,400	54.2	52.2 - 56.2	121,500	52.8	48.8 - 56.8	13,500	21.3	19.3 - 23.4	29,200	20.9	17.5 - 24.3	15,000
Income as a percent of the Federal Poverty Guideline															
0-100%	40.0	38.9 - 41.2	181,800	58.1	56.1 - 60.1	123,800	60.4	56.7 - 64.2	15,400	20.3	18.4 - 22.2	27,300	17.0	14.0 - 20.1	11,900
101-200%	21.0	19.8 - 22.1	95,300	25.4	23.5 - 27.2	54,100	20.4	17.2 - 23.7	5,200	16.4	14.6 - 18.2	22,100	16.9	13.8 - 20.0	11,800
> 200%	39.0	37.9 - 40.1	177,000	16.5	15.1 - 18.0	35,200	19.1	16.1 - 22.1	4,900	63.3	61.1 - 65.6	85,300	66.1	62.2 - 69.9	46,000

-- 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 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. 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 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.

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