



MIHA Data Snapshot, California by Total Live Births, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	California			First Live Birth			Second Live Birth or More		
	%	95% CI	N	%	95% CI	N	%	95% CI	N
Total	100		487,900	39.5	38.2 - 40.9	192,700	60.5	59.1 - 61.8	295,100
Health Status before Pregnancy									
In good to excellent health	92.0	91.2 - 92.7	448,000	92.3	91.1 - 93.5	177,700	91.7	90.8 - 92.7	270,200
Chronic conditions									
Diabetes†	2.5	2.1 - 3.0	12,200	2.1	1.4 - 2.8	4,000	2.8	2.3 - 3.4	8,200
Hypertension†	2.6	2.3 - 3.0	12,600	2.4	1.7 - 3.1	4,600	2.8	2.3 - 3.2	8,100
Asthma†	8.4	7.6 - 9.1	40,000	9.5	8.2 - 10.7	18,000	7.6	6.8 - 8.5	22,000
Nutrition and Weight									
Daily folic acid use, month before pregnancy	33.8	32.5 - 35.0	164,400	38.2	36.1 - 40.4	73,600	30.8	29.2 - 32.4	90,700
Overweight before pregnancy	25.1	23.8 - 26.3	116,100	20.9	19.1 - 22.6	39,100	27.9	26.3 - 29.6	77,000
Obese before pregnancy	20.1	19.0 - 21.2	93,000	14.2	12.7 - 15.7	26,600	24.0	22.5 - 25.6	66,300
Inadequate weight gain during pregnancy	18.2	17.0 - 19.4	74,300	15.9	14.1 - 17.7	26,600	19.8	18.2 - 21.4	47,800
Excessive weight gain during pregnancy	41.2	39.7 - 42.6	168,100	45.6	43.2 - 48.0	76,100	38.1	36.2 - 40.0	91,900
Food insecurity during pregnancy	15.6	14.6 - 16.5	75,100	13.8	12.2 - 15.4	26,200	16.8	15.5 - 18.0	49,000
Intimate Partner Violence (IPV) and Depressive Symptoms									
Physical or psychological IPV during pregnancy	7.0	6.3 - 7.7	34,000	7.3	6.2 - 8.3	13,900	6.8	6.0 - 7.7	20,100
Prenatal depressive symptoms	14.1	13.1 - 15.0	68,500	11.6	10.2 - 12.9	22,300	15.7	14.4 - 17.0	46,100
Postpartum depressive symptoms	13.5	12.6 - 14.4	65,700	12.6	11.2 - 14.1	24,200	14.1	12.9 - 15.3	41,500
Hardships and Support during Pregnancy									
Experienced two or more hardships during childhood	24.6	23.4 - 25.7	116,800	22.2	20.4 - 24.1	41,800	26.1	24.6 - 27.6	75,000
Homeless or did not have a regular place to sleep	3.0	2.6 - 3.4	14,500	3.1	2.3 - 3.9	5,900	2.9	2.4 - 3.4	8,500
Moved due to problems paying rent or mortgage	6.4	5.8 - 7.1	31,100	6.1	5.0 - 7.2	11,700	6.6	5.8 - 7.5	19,400
Woman or partner lost job	14.3	13.3 - 15.2	68,700	14.0	12.5 - 15.5	26,600	14.5	13.2 - 15.7	42,100
Woman or partner had pay or hours cut back	11.4	10.5 - 12.2	54,700	11.1	9.7 - 12.4	21,100	11.6	10.5 - 12.6	33,600
Became separated or divorced	7.0	6.3 - 7.7	34,000	7.5	6.3 - 8.6	14,200	6.8	5.9 - 7.6	19,800
Had no practical or emotional support	4.6	4.0 - 5.2	22,500	2.5	1.8 - 3.1	4,700	6.0	5.2 - 6.9	17,800
Substance Use									
Any smoking, 3 months before pregnancy	10.8	9.9 - 11.6	52,100	12.4	10.9 - 13.9	23,700	9.7	8.7 - 10.7	28,400
Any smoking, 3rd trimester†	2.7	2.3 - 3.1	13,200	2.1	1.5 - 2.7	4,000	3.1	2.6 - 3.7	9,200
Any smoking, postpartum	5.4	4.8 - 6.0	26,100	5.1	4.1 - 6.1	9,800	5.5	4.8 - 6.3	16,300
Any binge drinking, 3 months before pregnancy	15.1	14.1 - 16.0	72,600	20.1	18.3 - 21.8	38,100	11.8	10.7 - 12.9	34,400
Any alcohol use, 3rd trimester†	7.3	6.6 - 8.1	35,600	8.7	7.3 - 10.0	16,600	6.5	5.7 - 7.3	19,000
Pregnancy Intention and Family Planning									
Mistimed or unwanted pregnancy	30.5	29.3 - 31.8	147,900	31.2	29.2 - 33.3	59,900	30.1	28.4 - 31.7	87,900
Unsure of pregnancy intentions	12.8	11.9 - 13.7	62,100	11.1	9.8 - 12.4	21,300	13.9	12.7 - 15.1	40,800
Postpartum birth control use†	81.0	79.9 - 82.1	386,400	76.3	74.4 - 78.3	143,300	84.1	82.8 - 85.4	243,100
Infant Sleep and Breastfeeding									
Placed infant on back to sleep	80.3	79.2 - 81.4	384,100	79.7	77.9 - 81.6	150,200	80.7	79.3 - 82.1	233,700
Infant always or often shared bed	34.6	33.3 - 35.9	165,100	34.4	32.4 - 36.5	64,800	34.7	33.0 - 36.4	100,300
Intended to breastfeed, before birth	92.4	91.7 - 93.2	441,900	93.6	92.4 - 94.8	176,500	91.7	90.8 - 92.6	265,300
Intended to breastfeed exclusively, before birth	64.7	63.3 - 66.0	309,100	72.5	70.5 - 74.6	136,800	59.6	57.8 - 61.3	172,300
Breastfeeding practices									
Any breastfeeding, 1 month after delivery	83.8	82.8 - 84.8	397,900	84.1	82.5 - 85.8	157,000	83.6	82.3 - 84.9	240,800
Exclusive breastfeeding, 1 month after delivery	44.2	42.9 - 45.6	206,800	42.3	40.1 - 44.5	78,500	45.5	43.7 - 47.3	128,200
Any breastfeeding, 3 months after delivery	67.3	65.8 - 68.8	252,100	66.0	63.5 - 68.4	97,000	68.2	66.3 - 70.1	155,000
Exclusive breastfeeding, 3 months after delivery	29.1	27.7 - 30.5	107,600	27.2	25.0 - 29.5	40,000	30.3	28.5 - 32.1	67,600



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Service Utilization and Health Insurance Coverage												
Had a usual source of pre-pregnancy care	70.6	69.4	- 71.9	343,800	66.1	64.1	- 68.2	127,200	73.6	72.0	- 75.1	216,400
Initiated prenatal care in 1st trimester	89.4	88.6	- 90.2	428,900	91.1	89.9	- 92.3	173,600	88.2	87.1	- 89.3	255,100
Mom or infant needed but couldn't afford care postpartum	11.5	10.6	- 12.4	54,200	10.2	8.8	- 11.6	19,100	12.3	11.1	- 13.5	35,100
Participated in WIC during pregnancy†	53.4	52.4	- 54.4	254,400	46.9	44.9	- 48.9	88,000	57.7	56.2	- 59.2	166,300
Received CalFresh (food stamps) during pregnancy	25.2	24.1	- 26.2	121,600	16.5	14.9	- 18.1	31,500	30.8	29.2	- 32.3	90,100
Pre-pregnancy insurance												
Medi-Cal	26.7	25.6	- 27.8	129,800	16.3	14.8	- 17.9	31,400	33.4	31.9	- 35.0	98,200
Uninsured	21.6	20.5	- 22.7	105,000	23.3	21.5	- 25.1	44,800	20.5	19.0	- 21.9	60,200
Private	47.8	46.7	- 48.9	232,400	56.6	54.6	- 58.6	108,800	42.0	40.5	- 43.6	123,500
Prenatal insurance												
Medi-Cal	50.1	49.0	- 51.1	243,600	43.0	41.0	- 45.0	82,600	54.7	53.2	- 56.3	160,900
Uninsured	1.6	1.3	- 2.0	7,800	1.1	0.7	- 1.5	2,100	1.9	1.4	- 2.5	5,700
Private	44.1	43.1	- 45.2	214,700	51.5	49.5	- 53.5	98,900	39.4	37.8	- 40.9	115,700
Maternal postpartum insurance												
Medi-Cal	38.4	37.3	- 39.5	185,700	34.1	32.2	- 36.0	65,000	41.2	39.6	- 42.8	120,600
Uninsured	13.0	12.0	- 13.9	62,600	10.7	9.3	- 12.2	20,500	14.4	13.1	- 15.7	42,200
Private	45.3	44.2	- 46.3	218,800	51.9	49.9	- 53.9	98,900	40.9	39.4	- 42.5	119,800
Infant health insurance												
Medi-Cal	52.8	51.7	- 53.8	251,800	47.2	45.2	- 49.2	88,900	56.4	54.8	- 58.0	162,800
Uninsured	2.8	2.3	- 3.2	13,100	2.4	1.7	- 3.1	4,500	3.0	2.3	- 3.7	8,600
Private	40.9	39.8	- 41.9	195,000	46.7	44.7	- 48.7	87,900	37.1	35.5	- 38.6	107,000
Maternal Demographics												
Age												
15-19	5.4	4.8	- 6.0	26,200	11.8	10.4	- 13.2	22,800	1.2	0.8	- 1.5	3,400
20-34	74.4	73.2	- 75.7	363,200	75.5	73.5	- 77.4	145,400	73.8	72.2	- 75.3	217,700
35+	20.2	19.1	- 21.3	98,500	12.7	11.2	- 14.3	24,600	25.1	23.5	- 26.6	73,900
Did not complete high school (or GED)	16.3	15.3	- 17.3	78,500	10.8	9.4	- 12.3	20,600	19.8	18.4	- 21.2	57,900
Unmarried	40.5	39.2	- 41.7	196,000	44.9	42.8	- 47.0	85,800	37.6	36.0	- 39.2	110,300
Race/Ethnicity												
White	29.3	28.1	- 30.4	140,000	33.3	31.3	- 35.3	62,800	26.7	25.2	- 28.1	77,100
Hispanic	49.2	48.0	- 50.4	235,200	41.6	39.5	- 43.7	78,500	54.1	52.5	- 55.7	156,500
Asian/Pacific Islander	15.4	14.3	- 16.5	73,800	18.7	16.8	- 20.6	35,400	13.3	11.9	- 14.6	38,400
Black	5.6	5.4	- 5.9	26,900	5.8	5.2	- 6.4	11,000	5.5	5.1	- 6.0	16,000
Born outside the U.S.	37.7	36.3	- 39.0	183,800	31.0	28.9	- 33.2	59,800	42.0	40.3	- 43.8	124,000
Speaks non-English language at home	30.7	29.4	- 32.0	147,700	25.6	23.6	- 27.7	48,600	33.9	32.2	- 35.6	99,000
Lives in a high poverty neighborhood	38.8	37.5	- 40.1	182,400	36.2	34.0	- 38.4	67,400	40.5	38.8	- 42.2	114,900
Income as a percent of the Federal Poverty Guideline												
0-100%	40.0	38.9	- 41.2	181,800	33.9	31.9	- 36.0	60,200	43.9	42.3	- 45.6	121,400
101-200%	21.0	19.8	- 22.1	95,300	18.1	16.4	- 19.8	32,200	22.8	21.3	- 24.4	63,100
> 200%	39.0	37.9	- 40.1	177,000	48.0	45.9	- 50.1	85,100	33.2	31.7	- 34.7	91,800

-- 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.