



# MIHA Data Snapshot, California by Maternal Age, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	California			15-19 Years			20-34 Years			35 Years or Older		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
<b>Total</b>	100		487,900	5.4	4.8 - 6.0	26,200	74.4	73.2 - 75.7	363,200	20.2	19.1 - 21.3	98,500
<b>Health Status before Pregnancy</b>												
In good to excellent health	92.0	91.2 - 92.7	448,000	87.7	83.6 - 91.8	23,000	91.9	91.0 - 92.8	333,300	93.3	92.0 - 94.7	91,700
Chronic conditions												
Diabetes†	2.5	2.1 - 3.0	12,200	--			2.1	1.7 - 2.6	7,700	4.1	2.9 - 5.3	4,000
Hypertension†	2.6	2.3 - 3.0	12,600	1.3*	0.2 - 2.3	300	2.1	1.8 - 2.5	7,700	4.8	3.6 - 6.1	4,600
Asthma†	8.4	7.6 - 9.1	40,000	13.8	9.9 - 17.7	3,500	8.4	7.6 - 9.2	30,000	6.8	5.4 - 8.2	6,500
<b>Nutrition and Weight</b>												
Daily folic acid use, month before pregnancy	33.8	32.5 - 35.0	164,400	15.8	12.4 - 19.1	4,100	32.2	30.7 - 33.6	116,600	44.5	41.3 - 47.6	43,700
Overweight before pregnancy	25.1	23.8 - 26.3	116,100	22.2	17.1 - 27.2	5,600	25.9	24.4 - 27.3	89,200	22.8	20.2 - 25.4	21,300
Obese before pregnancy	20.1	19.0 - 21.2	93,000	12.0	8.0 - 16.1	3,100	20.3	19.1 - 21.6	70,100	21.3	18.7 - 23.8	19,800
Inadequate weight gain during pregnancy	18.2	17.0 - 19.4	74,300	17.3	12.5 - 22.0	3,900	18.6	17.2 - 20.0	56,800	17.0	14.3 - 19.6	13,700
Excessive weight gain during pregnancy	41.2	39.7 - 42.6	168,100	49.2	42.7 - 55.7	11,100	40.4	38.7 - 42.1	123,300	41.8	38.3 - 45.3	33,700
Food insecurity during pregnancy	15.6	14.6 - 16.5	75,100	22.2	17.2 - 27.2	5,700	16.3	15.2 - 17.5	58,600	11.1	9.3 - 12.9	10,800
<b>Intimate Partner Violence (IPV) and Depressive Symptoms</b>												
Physical or psychological IPV during pregnancy	7.0	6.3 - 7.7	34,000	15.3	11.8 - 18.8	4,000	7.1	6.3 - 7.9	25,600	4.6	3.4 - 5.9	4,500
Prenatal depressive symptoms	14.1	13.1 - 15.0	68,500	18.3	14.0 - 22.5	4,800	14.1	13.0 - 15.2	51,100	12.8	10.7 - 15.0	12,600
Postpartum depressive symptoms	13.5	12.6 - 14.4	65,700	14.5	10.1 - 18.9	3,700	13.6	12.5 - 14.6	49,100	13.1	10.9 - 15.3	12,800
<b>Hardships and Support during Pregnancy</b>												
Experienced two or more hardships during childhood	24.6	23.4 - 25.7	116,800	32.6	27.3 - 37.9	8,200	25.5	24.1 - 26.9	90,100	19.1	16.8 - 21.4	18,500
Homeless or did not have a regular place to sleep	3.0	2.6 - 3.4	14,500	6.6	3.7 - 9.5	1,700	3.0	2.5 - 3.5	10,800	2.1	1.3 - 2.8	2,000
Moved due to problems paying rent or mortgage	6.4	5.8 - 7.1	31,100	8.6	4.9 - 12.2	2,200	6.8	6.1 - 7.6	24,700	4.3	3.1 - 5.5	4,200
Woman or partner lost job	14.3	13.3 - 15.2	68,700	20.8	15.5 - 26.0	5,200	14.4	13.3 - 15.5	51,600	12.2	10.3 - 14.2	11,900
Woman or partner had pay or hours cut back	11.4	10.5 - 12.2	54,700	10.0	6.1 - 13.9	2,500	11.7	10.8 - 12.7	42,100	10.4	8.5 - 12.3	10,100
Became separated or divorced	7.0	6.3 - 7.7	34,000	15.7	11.6 - 19.9	4,000	6.6	5.9 - 7.4	23,900	6.3	4.7 - 7.8	6,100
Had no practical or emotional support	4.6	4.0 - 5.2	22,500	4.9	2.5 - 7.2	1,300	4.5	3.8 - 5.1	16,100	5.2	3.7 - 6.7	5,100
<b>Substance Use</b>												
Any smoking, 3 months before pregnancy	10.8	9.9 - 11.6	52,100	10.5	7.4 - 13.7	2,800	11.8	10.8 - 12.8	42,400	7.0	5.6 - 8.5	6,900
Any smoking, 3rd trimester†	2.7	2.3 - 3.1	13,200	2.5	1.3 - 3.7	700	3.1	2.6 - 3.7	11,300	1.2	0.9 - 1.6	1,200
Any smoking, postpartum	5.4	4.8 - 6.0	26,100	6.6	4.0 - 9.1	1,700	5.9	5.2 - 6.6	21,300	3.1	2.2 - 4.1	3,100
Any binge drinking, 3 months before pregnancy	15.1	14.1 - 16.0	72,600	10.0	6.4 - 13.6	2,600	16.3	15.1 - 17.4	58,300	12.0	10.0 - 14.0	11,700
Any alcohol use, 3rd trimester†	7.3	6.6 - 8.1	35,600	0.4*	0.1 - 0.7	100	6.9	6.0 - 7.7	24,700	11.0	9.1 - 12.9	10,800
<b>Pregnancy Intention and Family Planning</b>												
Mistimed or unwanted pregnancy	30.5	29.3 - 31.8	147,900	63.4	58.0 - 68.9	16,600	30.9	29.4 - 32.4	111,500	20.3	17.7 - 22.9	19,800
Unsure of pregnancy intentions	12.8	11.9 - 13.7	62,100	18.3	14.2 - 22.5	4,800	12.1	11.1 - 13.1	43,600	14.0	11.8 - 16.2	13,600
Postpartum birth control use†	81.0	79.9 - 82.1	386,400	82.3	77.9 - 86.6	20,900	82.3	81.0 - 83.5	291,900	76.1	73.3 - 79.0	73,600
<b>Infant Sleep and Breastfeeding</b>												
Placed infant on back to sleep	80.3	79.2 - 81.4	384,100	72.2	66.9 - 77.5	18,600	79.8	78.5 - 81.2	284,100	84.2	81.9 - 86.6	81,300
Infant always or often shared bed	34.6	33.3 - 35.9	165,100	38.7	33.1 - 44.3	10,000	34.4	32.9 - 35.9	122,200	34.3	31.3 - 37.3	32,900
Intended to breastfeed, before birth	92.4	91.7 - 93.2	441,900	88.7	85.1 - 92.4	22,700	92.5	91.6 - 93.3	329,000	93.3	91.7 - 95.0	90,100
Intended to breastfeed exclusively, before birth	64.7	63.3 - 66.0	309,100	58.6	52.9 - 64.2	15,000	65.1	63.6 - 66.7	231,700	64.6	61.5 - 67.7	62,400
Breastfeeding practices												
Any breastfeeding, 1 month after delivery	83.8	82.8 - 84.8	397,900	70.7	65.4 - 76.0	18,200	84.0	82.8 - 85.2	296,400	86.7	84.6 - 88.9	83,400
Exclusive breastfeeding, 1 month after delivery	44.2	42.9 - 45.6	206,800	40.4	34.5 - 46.2	10,300	46.2	44.6 - 47.8	160,900	38.1	35.0 - 41.1	35,600
Any breastfeeding, 3 months after delivery	67.3	65.8 - 68.8	252,100	41.8	35.2 - 48.4	8,600	66.5	64.8 - 68.3	185,500	77.3	74.2 - 80.3	58,000
Exclusive breastfeeding, 3 months after delivery	29.1	27.7 - 30.5	107,600	16.6	11.8 - 21.5	3,400	29.9	28.3 - 31.5	82,600	29.3	26.1 - 32.6	21,600



# MIHA Data Snapshot, California by Maternal Age, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	California			15-19 Years			20-34 Years			35 Years or Older		
	%	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	70.6	69.4 - 71.9	343,800	64.4	58.8 - 70.0	16,900	68.7	67.2 - 70.1	248,700	79.6	77.0 - 82.2	78,200
Initiated prenatal care in 1st trimester	89.4	88.6 - 90.2	428,900	77.3	73.0 - 81.6	19,800	89.8	88.8 - 90.7	320,900	91.1	89.2 - 92.9	88,200
Mom or infant needed but couldn't afford care postpartum	11.5	10.6 - 12.4	54,200	11.8	8.3 - 15.2	3,000	11.9	10.8 - 13.0	41,900	9.8	8.0 - 11.5	9,200
Participated in WIC during pregnancy†	53.4	52.4 - 54.4	254,400	92.0	89.7 - 94.3	23,800	55.7	54.4 - 57.0	198,000	34.4	31.6 - 37.1	32,500
Received CalFresh (food stamps) during pregnancy	25.2	24.1 - 26.2	121,600	38.5	32.8 - 44.2	10,000	27.1	25.8 - 28.4	97,500	14.4	12.6 - 16.3	14,100
<b>Pre-pregnancy insurance</b>												
Medi-Cal	26.7	25.6 - 27.8	129,800	62.5	56.9 - 68.0	16,400	27.2	25.9 - 28.5	98,400	15.3	13.2 - 17.3	15,000
Uninsured	21.6	20.5 - 22.7	105,000	17.5	13.2 - 21.8	4,600	23.2	21.9 - 24.6	84,100	16.6	14.2 - 18.9	16,300
Private	47.8	46.7 - 48.9	232,400	16.7	12.3 - 21.0	4,400	45.4	44.0 - 46.7	164,200	64.9	62.1 - 67.8	63,800
<b>Prenatal insurance</b>												
Medi-Cal	50.1	49.0 - 51.1	243,600	85.7	81.5 - 89.9	22,400	52.5	51.2 - 53.9	190,000	31.7	29.0 - 34.4	31,200
Uninsured	1.6	1.3 - 2.0	7,800	2.2 *	0.7 - 3.6	600	1.5	1.1 - 1.9	5,300	1.9	1.0 - 2.8	1,900
Private	44.1	43.1 - 45.2	214,700	10.5	6.6 - 14.4	2,800	41.5	40.1 - 42.8	150,100	63.0	60.1 - 65.8	61,900
<b>Maternal postpartum insurance</b>												
Medi-Cal	38.4	37.3 - 39.5	185,700	81.6	77.5 - 85.7	21,300	40.0	38.6 - 41.4	143,800	21.0	18.6 - 23.4	20,600
Uninsured	13.0	12.0 - 13.9	62,600	7.8	5.4 - 10.2	2,000	13.5	12.4 - 14.6	48,500	12.3	10.3 - 14.3	12,100
Private	45.3	44.2 - 46.3	218,800	9.1	5.7 - 12.6	2,400	42.7	41.4 - 44.1	153,600	64.1	61.3 - 66.9	62,900
<b>Infant health insurance</b>												
Medi-Cal	52.8	51.7 - 53.8	251,800	90.6	87.2 - 94.0	23,400	55.3	53.9 - 56.6	196,200	33.4	30.7 - 36.2	32,200
Uninsured	2.8	2.3 - 3.2	13,100	3.7	1.9 - 5.6	1,000	2.8	2.2 - 3.4	9,900	2.3	1.3 - 3.4	2,300
Private	40.9	39.8 - 41.9	195,000	4.5 *	1.6 - 7.3	1,100	38.0	36.7 - 39.3	135,000	61.1	58.2 - 64.0	58,900
<b>Maternal Demographics</b>												
Did not complete high school (or GED)	16.3	15.3 - 17.3	78,500	44.1	38.2 - 50.1	11,400	15.2	14.0 - 16.4	54,600	12.9	10.9 - 14.8	12,600
Unmarried	40.5	39.2 - 41.7	196,000	87.0	82.7 - 91.3	22,600	41.3	39.8 - 42.7	148,700	25.2	22.6 - 27.8	24,700
<b>Race/Ethnicity</b>												
White	29.3	28.1 - 30.4	140,000	10.3	7.7 - 12.9	2,700	29.4	28.1 - 30.7	104,700	34.0	31.0 - 36.9	32,600
Hispanic	49.2	48.0 - 50.4	235,200	79.2	75.6 - 82.9	20,600	50.0	48.5 - 51.4	178,000	38.1	35.1 - 41.0	36,600
Asian/Pacific Islander	15.4	14.3 - 16.5	73,800	1.4	0.6 - 2.2	400	14.2	13.0 - 15.5	50,700	23.6	20.5 - 26.7	22,700
Black	5.6	5.4 - 5.9	26,900	8.4	6.0 - 10.8	2,200	5.8	5.5 - 6.2	20,800	4.2	3.3 - 5.0	4,000
Born outside the U.S.	37.7	36.3 - 39.0	183,800	15.4	11.4 - 19.5	4,000	35.6	34.1 - 37.2	129,400	51.1	48.0 - 54.2	50,300
Speaks non-English language at home	30.7	29.4 - 32.0	147,700	19.1	14.5 - 23.7	5,000	29.9	28.4 - 31.4	107,200	36.7	33.5 - 39.8	35,500
Lives in a high poverty neighborhood	38.8	37.5 - 40.1	182,400	61.0	55.4 - 66.6	15,200	40.0	38.5 - 41.6	140,000	28.5	25.6 - 31.3	27,100

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

Table Citation: Maternal and Infant Health Assessment (MIHA) Survey Data Snapshots, 2013-2015. California Department of Public Health; 2018.