MIHA Data Snapshot, San Francisco Bay Area, 2013-2014

Maternal and Infant Health Assessment (MIHA) Survey

✓ better than rest of California ✗ worse than rest of California ♦ no statistical difference

		San Francisco Bay Area				California			
		%	95% CI		Population Estimate	%	95% CI		Population Estimate
Health Status Before Pregnancy									
In good to excellent health	✓	94.9	93.9 -	95.9	81,200	92.4	91.5 -	93.3	452,800
Chronic conditions									
Diabetes†	♦	2.0	1.4 -	2.5	1,700	2.3	1.8 -	2.8	10,900
Hypertension†	✓	1.7	1.2 -	2.2	1,500	2.5	2.0 -	2.9	11,900
Asthma†	♦	8.1	6.8 -	9.4	6,900	7.8	7.0 -	8.6	37,500
Nutrition and Weight									
Daily folic acid use, month before pregnancy	✓	38.4	35.8 -	41.1	32,900	32.7	31.1 -	34.3	159,900
Overweight before pregnancy	♦	22.9	20.7 -	25.2	18,700	24.7	23.2 -	26.2	114,900
Obese before pregnancy	✓	16.0	14.1 -	17.8	13,000	20.3	18.9 -	21.7	94,400
Inadequate weight gain during pregnancy	♦	18.5	16.2 -	20.8	13,500	17.7	16.2 -	19.2	72,900
Excessive weight gain during pregnancy	♦	41.0	38.1 -	44.0	29,900	41.4	39.5 -	43.2	170,100
Food insecurity during pregnancy	✓	12.8	11.3 -	14.4	10,900	16.6	15.4 -	17.9	80,500
Intimate Partner Violence (IPV) and Depressive Symptoms									
Physical or psychological IPV during pregnancy	♦	5.9	4.6 -	7.2	5,000	7.1	6.2 -	7.9	34,500
Prenatal depressive symptoms	♦	13.3	11.6 -	15.0	11,400	14.1	12.9 -	15.3	68,900
Postpartum depressive symptoms	♦	12.2	10.5 -	13.9	10,400	13.0	11.8 -	14.1	63,200
Hardships and Support during Pregnancy									
Experienced two or more hardships during childhood	✓	20.3	18.3 -	22.3	17,200	25.3	23.8 -	26.7	121,600
Homeless or did not have a regular place to sleep	♦	2.9	2.3 -	3.5	2,500	2.9	2.4 -	3.4	14,000
Moved due to problems paying rent or mortgage	✓	5.1	4.2 -	6.0	4,400	6.9	6.0 -	7.7	33,600
Woman or partner lost job	✓	11.5	9.8 -	13.2	9,800	14.6	13.4 -	15.8	71,000
Woman or partner had pay or hours cut back	♦	11.5	9.7 -	13.3	9,800	11.8	10.7 -	12.8	57,100
Became separated or divorced	✓	4.8	3.9 -	5.7	4,100	7.6	6.7 -	8.5	37,000
Had no practical or emotional support	♦	4.0	3.0 -	5.1	3,500	4.4	3.7 -	5.2	21,700
Substance Use									
Any smoking, 3 months before pregnancy	✓	8.7	7.5 -	10.0	7,400	11.6	10.5 -	12.7	56,500
Any smoking, 3rd trimester†	✓	1.9	1.4 -	2.4	1,600	2.9	2.3 -	3.4	13,900
Any smoking, postpartum	✓	4.1	3.3 -	4.9	3,500	5.6	4.8 -	6.3	27,300
Any binge drinking, 3 months before pregnancy	♦	13.6	11.7 -	15.4	11,500	15.1	13.8 -	16.3	72,900
Any alcohol use, 3rd trimester†	✗	10.9	9.1 -	12.7	9,300	7.6	6.6 -	8.6	37,000
Pregnancy Intention and Family Planning									
Mistimed or unwanted pregnancy	✓	25.1	22.9 -	27.3	21,500	31.2	29.6 -	32.8	151,800
Unsure of pregnancy intentions	✓	11.2	9.6 -	12.7	9,500	12.9	11.8 -	14.0	62,700
Postpartum birth control use†	♦	81.4	79.2 -	83.6	68,500	81.6	80.3 -	83.0	390,200
Infant Sleep and Breastfeeding									
Placed infant on back to sleep	♦	82.0	79.7 -	84.4	69,200	79.7	78.3 -	81.1	383,200
Infant always or often shared bed	♦	35.2	32.6 -	37.7	29,700	34.1	32.5 -	35.7	163,700
Intended to breastfeed, before birth	✓	94.8	93.6 -	95.9	80,000	92.4	91.5 -	93.4	444,100
Intended to breastfeed exclusively, before birth	✓	69.7	67.3 -	72.2	58,900	64.2	62.6 -	65.9	308,500
Breastfeeding practices									
Any breastfeeding, 1 month after delivery	✓	89.2	87.6 -	90.8	75,000	83.5	82.3 -	84.8	398,500
Exclusive breastfeeding, 1 month after delivery	✓	50.0	47.2 -	52.8	41,300	42.7	41.0 -	44.4	200,700
Any breastfeeding, 3 months after delivery	✓	77.0	74.5 -	79.5	52,100	66.2	64.3 -	68.2	244,200
Exclusive breastfeeding, 3 months after delivery	✓	36.3	33.2 -	39.4	24,200	27.4	25.7 -	29.1	99,800

MIHA is a collaborative effort of the Maternal, Child and Adolescent Health Division and the Women, Infants and Children Division in the California Department of Public Health and the Center on Social Disparities in Health at the University of California San Francisco.

MIHA Data Snapshot, San Francisco Bay Area, 2013-2014

Maternal and Infant Health Assessment (MIHA) Survey

↑ higher than rest of California ↓ lower than rest of California ♦ no statistical difference

		San Francisco Bay Area				California			
		%	95% CI		Population Estimate	%	95% CI		Population Estimate
Health Care Utilization and Public Program Participation									
Had a usual source of pre-pregnancy care	↑	77.1	74.9 -	79.4	66,100	70.4	68.8 -	71.9	344,100
Initiated prenatal care in 1st trimester	♦	91.0	89.7 -	92.3	76,900	89.7	88.7 -	90.6	433,500
Had a postpartum medical visit	↑	93.0	91.7 -	94.3	79,700	87.5	86.4 -	88.7	427,500
Mom or infant needed but couldn't afford care postpartum	↓	10.4	8.8 -	12.0	8,700	12.6	11.4 -	13.7	59,700
Participated in WIC during pregnancy†	↓	36.8	34.9 -	38.6	30,600	54.1	52.9 -	55.4	259,300
Received CalFresh (food stamps) during pregnancy	↓	15.4	13.9 -	16.8	13,100	24.9	23.6 -	26.3	121,000
Health Insurance Coverage									
Pre-pregnancy insurance									
Medi-Cal	↓	18.6	16.9 -	20.2	15,900	24.5	23.1 -	25.8	119,600
Uninsured	↓	14.8	13.3 -	16.3	12,600	24.0	22.6 -	25.4	117,500
Private	↑	63.5	61.5 -	65.4	54,200	47.5	46.2 -	48.9	232,500
Prenatal insurance									
Medi-Cal	↓	34.7	32.8 -	36.5	29,600	49.7	48.4 -	51.0	242,800
Uninsured	♦	1.6	1.1 -	2.2	1,400	1.6	1.2 -	2.0	7,900
Private	↑	61.3	59.4 -	63.2	52,400	44.5	43.1 -	45.8	217,100
Maternal postpartum insurance									
Medi-Cal	↓	25.4	23.6 -	27.1	21,600	36.2	34.7 -	37.6	175,700
Uninsured	↓	9.0	7.7 -	10.2	7,600	15.0	13.8 -	16.2	72,800
Private	↑	62.7	60.7 -	64.6	53,500	45.7	44.3 -	47.0	221,900
Infant health insurance									
Medi-Cal	↓	36.0	34.2 -	37.9	30,300	52.2	50.9 -	53.6	250,400
Uninsured	♦	2.6	1.8 -	3.4	2,200	2.9	2.2 -	3.5	13,700
Private	↑	58.8	56.9 -	60.8	49,500	41.3	40.0 -	42.6	198,000
Maternal Demographics									
Age									
15-19	↓	3.2	2.5 -	3.9	2,700	5.6	4.9 -	6.4	27,500
20-34	↓	69.8	67.2 -	72.3	59,800	74.5	73.0 -	76.0	365,300
35+	↑	27.1	24.6 -	29.5	23,200	19.9	18.5 -	21.3	97,400
Did not complete high school (or GED)	↓	11.3	10.0 -	12.6	9,600	16.5	15.2 -	17.7	79,900
Unmarried	↓	30.3	28.3 -	32.2	25,800	40.9	39.4 -	42.4	199,000
Race/Ethnicity									
Hispanic	↓	31.9	29.8 -	34.0	26,300	49.2	47.7 -	50.7	236,500
Black	♦	6.0	5.6 -	6.5	5,000	5.7	5.3 -	6.1	27,400
White	↑	32.5	30.0 -	35.0	26,900	29.3	27.9 -	30.7	140,900
Asian/Pacific Islander	↑	29.3	26.6 -	32.0	24,200	15.3	13.9 -	16.7	73,700
Nativity and Language									
Born outside the U.S.	↑	46.0	43.4 -	48.7	39,400	37.9	36.2 -	39.6	185,700
Speaks non-English language at home	↑	35.4	32.8 -	38.0	29,600	30.1	28.5 -	31.7	144,800
Lives in a high poverty neighborhood	↓	18.2	16.3 -	20.1	15,200	38.9	37.3 -	40.5	182,900
Income as a percent of the Federal Poverty Guideline									
0-100%	↓	26.0	24.2 -	27.7	21,000	41.0	39.5 -	42.4	188,800
101-200%	↓	16.5	14.7 -	18.3	13,300	20.8	19.4 -	22.2	96,000
> 200%	↑	57.5	55.4 -	59.7	46,500	38.2	36.9 -	39.6	176,200

-- 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. The sample size of San Francisco Bay Area was 3,537. 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 and the region in 2013-2014. Population estimate is a two-year average. Symbols indicate whether the health indicator in the region was statistically different from the rest of the state (p-value < 0.05, chi-square test). 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.

Table Citation: Maternal and Infant Health Assessment (MIHA) Survey Data Snapshots, 2013-2014. California Department of Public Health. 2016.