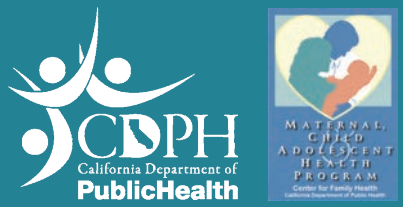
2010 MIHA County Report

A Summary Report of County Snapshots and Geographic Comparisons from the Maternal and Infant Health Assessment Survey

February 2012



Acknowledgements

The 2010 MIHA County Report was prepared in February 2012 by the California Maternal, Child and Adolescent Health (MCAH) Program using data from the 2010 Maternal and Infant Health Assessment (MIHA) survey. This publication and additional information about MIHA are available online at www.cdph.ca.gov/MIHA. Content included in this report may be reproduced with the following citation:

2010 MIHA County Report: A Summary Report of County Snapshots and Geographic Comparisons from the Maternal and Infant Health Assessment Survey. Sacramento: California Department of Public Health, Maternal, Child and Adolescent Health Program; 2012.

Editors
Christine Rinki, MPH, Katie Martin, PhD and Mike Curtis, PhD

Contributors
Sibylle Lob, MD, MPH, Archana Minnal, MPH, Carina Saraiva, MPH, and Jennifer Troyan, MPH.

We offer our sincerest thanks to the women who participated in MIHA in order to help improve the health of mothers and infants in California.

Many state and local MCAH Program staff provided review and input in the development of this report. In particular, we would like to thank the MIHA External Workgroup members for volunteering their expertise in the development and dissemination of this report and the overall MIHA survey.

MIHA is implemented by the MCAH Program in collaboration with the University of California, San Francisco Center on Social Disparities in Health. UCSF team members include: Paula Braveman, MD, MPH, Susan Egerter, PhD, Kristen Marchi, MPH, and Renee Razzano, MPH. Data collection was conducted by Quantum Market Research, Oakland, California.

Funding
Funding for the 2010 MIHA survey and this report was provided through the Health Resources and Services Administration Title V Maternal and Child Health Block Grant. Additional support for the expanded 2010 MIHA sample, which allowed county-level estimates, was provided by the California Women, Infants and Children (WIC) Program.

Table of Contents

Introduction

Map of MIHA Counties

County Snapshots

Alameda
Contra Costa
Fresno
Kern
Los Angeles
Monterey
Orange
Riverside
Sacramento
San Bernardino
San Diego
San Francisco
San Joaquin
San Mateo
Santa Barbara
Santa Clara
Sonoma
Stanislaus
Tulare
Ventura

County Comparisons for Selected MIHA Indicators

Folic acid use
Obesity before pregnancy
Excessive weight gain during pregnancy
Food insecurity during pregnancy
Intimate partner violence during pregnancy
Prenatal depression
Postpartum depression
Unpaid bills during pregnancy
Job loss during pregnancy
Smoking during pregnancy
Binge drinking before pregnancy
Back to sleep
Exclusive breastfeeding
Usual source of pre-pregnancy health care
Initiated prenatal care in the 1st trimester
Needed but could not afford care postpartum
Uninsured before pregnancy
Medi-Cal during pregnancy
Uninsured postpartum
Infant on Medi-Cal
WIC during pregnancy
Food stamps during pregnancy
Speaks non-English language at home
Income 0-100% of Federal Poverty Guideline
Income 0-200% of Federal Poverty Guideline

Statewide Snapshots

By Maternal Age
By Race/Ethnicity
By Income

Appendix

Technical Definition of Indicators

Introduction

Each year over 500,000 women give birth in California. Although most pregnancies are healthy, many women and infants face challenges in reaching optimal health. To address these challenges, the California Maternal, Child and Adolescent Health (MCAH) Program works with statewide and local partners to develop systems that protect and improve the health of California's reproductive-aged and pregnant women, infants, children, adolescents, and their families.

One such effort implemented by the California MCAH Program is the Maternal and Infant Health Assessment survey (MIHA). MIHA is a population-based survey of women with a recent live birth that has been conducted annually since 1999. The survey provides essential information not available from other sources to guide health policies and programs.

Using MIHA, this report presents key indicators of maternal and infant health in California for the 20 counties with the largest numbers of births. This information can be used by local health jurisdictions, state agencies, community-based organizations, care providers and others to support public health planning and program and policy development. Stakeholders can use these data to collaborate with partners across multiple disciplines to ensure that all California mothers and infants have healthy places in which to live, grow, work and play.

Methodology

MIHA is a stratified random sample of English- or Spanish-speaking women 15 years or older who had a live birth and who resided in California at the time of birth. MIHA data are weighted to represent all women with a live birth in California, excluding women who were non-residents, were younger than 15 years old at delivery, had a multiple birth greater than triplets, or had a missing address on the birth certificate. In order to allow for county-level estimates, a larger number of women was sampled in the 20 counties with the most births. In 2010 the statewide sample size was 6,817 and the response rate was 69%.

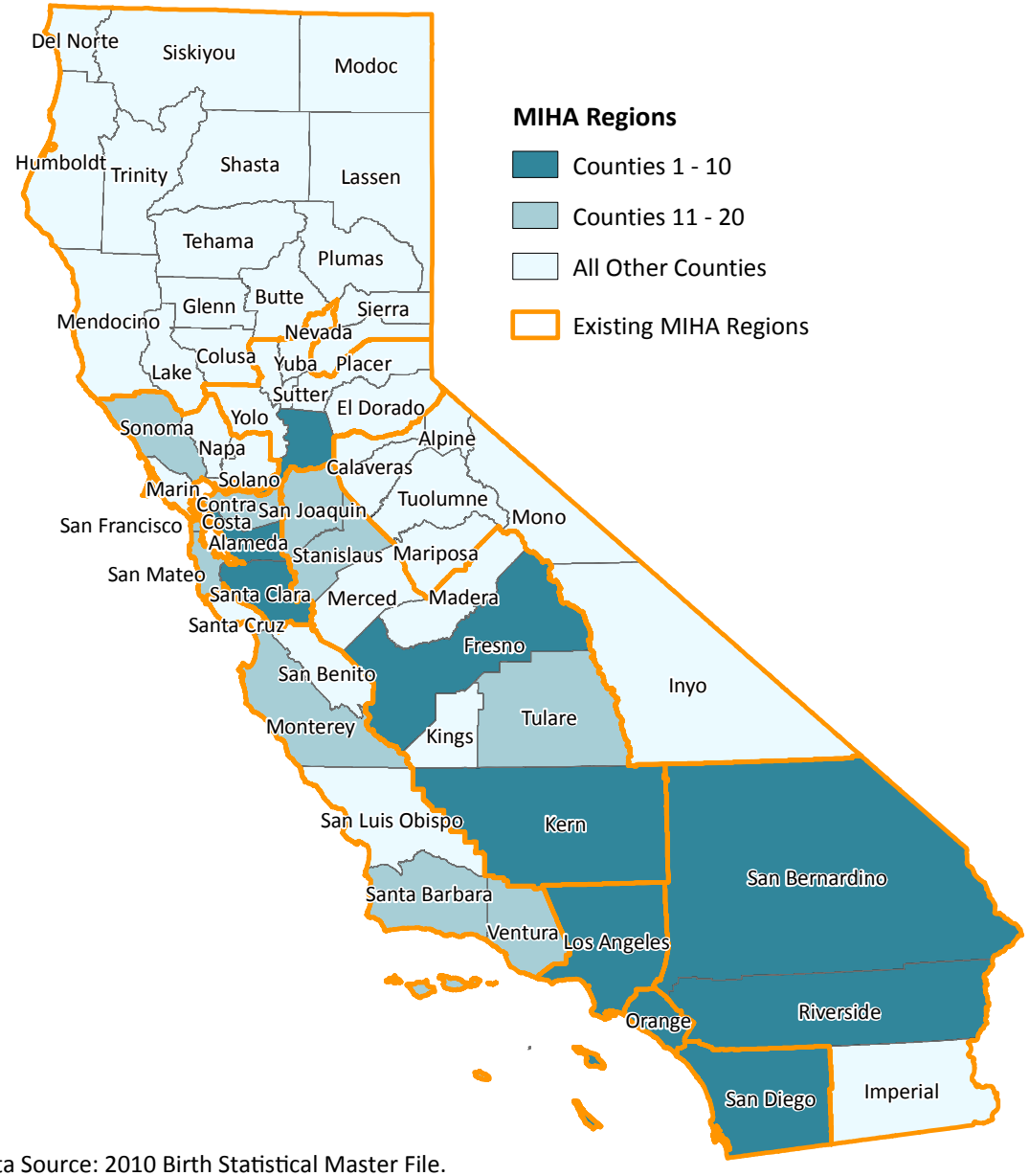
MIHA data are collected by mail with telephone follow-up to non-respondents. The questionnaire collects information about maternal and infant experiences before, during and shortly after pregnancy. The MIHA questionnaire and methods are similar to those used by the Centers for Disease Control and Prevention in conducting the multi-state Pregnancy Risk Assessment Monitoring System.

Data for this report were analyzed to account for MIHA's complex survey design using SAS software. The percentage and estimated number of women in the population with a given health indicator or characteristic are best estimates of the actual prevalence in the population. The 95% confidence interval (95% CI) means that there is a 95% chance that the range contains the actual prevalence in the population. Caution should be used when interpreting percentages with wide confidence intervals, as this indicates that the true prevalence could be much higher or lower than the percentage provided.

Statistical differences between each county and the rest of California were assessed using the chi-square test. To help stakeholders identify county-specific health issues, a symbol indicating whether the county is better (✓), worse (✗), or not statistically different (♦) from the rest of California is shown next to each indicator. Demographics, health insurance coverage and public program participation are described as higher (↑) or lower (↓) than the rest of California, not better or worse.

Technical definitions for each indicator are shown in the appendix.

California Counties Sampled in MIHA 2010



Top 20 Delivery Counties
% of women with a live birth in 2010

Los Angeles	26.1%
San Diego	8.8%
Orange	7.5%
San Bernardino	6.2%
Riverside	6.0%
Santa Clara	4.7%
Sacramento	3.9%
Alameda	3.8%
Fresno	3.2%
Kern	2.8%
Contra Costa	2.4%
Ventura	2.2%
San Joaquin	2.1%
San Mateo	1.8%
San Francisco	1.7%
Tulare	1.6%
Stanislaus	1.5%
Monterey	1.3%
Santa Barbara	1.1%
Sonoma	1.1%

Data Source: 2010 Birth Statistical Master File.

County Snapshots

"My daughter has changed my life for the better. Getting pregnant was the best thing to have ever happened to me."

— MIHA 2010 Respondent

MIHA Snapshot, Alameda County 2010

Maternal and Infant Health Assessment (MIHA) Survey

MATERNAL, CHILD & ADOLESCENT HEALTH
California Department of Public Health

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

		Alameda County			California		
		%	95% CI	Population Estimate	%	95% CI	Population Estimate
Prior Poor Birth Outcomes							
Prior low birth weight or preterm delivery	♦	7.7	4.3 - 11.2	1,500	9.6	8.4 - 10.9	48,100
Prior delivery by c-section	♦	12.8	8.6 - 17.0	2,400	16.6	14.9 - 18.3	83,200
Health Status							
In excellent/good health before pregnancy	♦	92.2	89.2 - 95.2	17,500	89.0	87.7 - 90.4	445,300
Chronic conditions before or during pregnancy							
Diabetes or gestational diabetes	♦	14.5	10.3 - 18.8	2,700	12.1	10.7 - 13.4	60,200
Hypertension, preeclampsia or eclampsia	♦	8.8	5.3 - 12.2	1,600	10.0	8.8 - 11.3	49,100
Asthma	♦	8.7	5.2 - 12.1	1,600	7.1	6.2 - 8.0	35,300
Nutrition and Weight							
Daily folic acid use, month before pregnancy	♦	33.8	27.8 - 39.8	6,400	33.1	31.2 - 35.0	165,500
Overweight before pregnancy	♦	19.8	15.0 - 24.7	3,500	25.1	23.2 - 27.0	116,400
Obese before pregnancy	♦	21.3	16.3 - 26.2	3,800	20.0	18.3 - 21.8	92,800
Inadequate weight gain during pregnancy	♦	19.8	14.2 - 25.4	3,100	17.9	16.0 - 19.7	68,000
Excessive weight gain during pregnancy	♦	43.1	36.1 - 50.0	6,700	43.5	41.2 - 45.9	165,800
Food insecurity during pregnancy	✓	13.5	9.7 - 17.4	2,500	18.8	17.2 - 20.4	93,900
Intimate Partner Violence (IPV) and Depression							
Physical IPV in the year before pregnancy		*			2.8	2.1 - 3.5	14,200
Physical or psychological IPV during pregnancy	♦	5.4	2.7 - 8.2	1,000	7.3	6.3 - 8.4	36,400
Prenatal depression	♦	11.7	8.1 - 15.3	2,200	15.0	13.5 - 16.4	74,700
Postpartum depression	♦	11.5	7.9 - 15.2	2,200	13.4	11.9 - 14.8	66,900
Hardships and Support during Pregnancy							
Had "a lot" of unpaid bills	♦	22.7	17.7 - 27.8	4,300	21.5	19.8 - 23.1	106,800
Moved	♦	25.8	20.5 - 31.1	4,900	28.8	27.0 - 30.7	143,700
Woman or partner lost job	♦	20.7	15.8 - 25.6	3,900	19.7	18.1 - 21.4	97,700
Became separated or divorced	♦	5.7	3.3 - 8.1	1,100	8.1	6.9 - 9.2	40,200
Had no practical or emotional support	♦	6.4	3.7 - 9.1	1,200	5.8	4.8 - 6.7	28,800
Substance Use							
Any smoking, 3 months before pregnancy	♦	13.7	9.2 - 18.2	2,600	12.5	11.2 - 13.7	62,000
Any smoking, 1st or 3rd trimester	♦	5.7	2.8 - 8.6	1,100	5.6	4.9 - 6.4	28,100
Any binge drinking, 3 months before pregnancy	♦	12.5	8.2 - 16.7	2,400	15.0	13.5 - 16.5	74,200
Any alcohol use, 1st or 3rd trimester	♦	15.6	11.1 - 20.1	2,900	12.1	10.8 - 13.4	60,400
Postpartum Discussions with Provider							
Discussed birth spacing	♦	41.8	34.7 - 48.8	6,100	39.4	37.1 - 41.7	158,400
Discussed postpartum birth control	♦	91.3	87.8 - 94.7	17,300	87.6	86.0 - 89.1	432,900
Infant Sleep and Breastfeeding							
Placed infant on back to sleep	✓	80.5	75.4 - 85.5	14,900	74.4	72.5 - 76.4	360,100
Intended to breastfeed, before birth	♦	91.6	88.1 - 95.2	17,200	91.3	90.2 - 92.5	449,300
Intended to breastfeed exclusively, before birth	♦	65.9	60.1 - 71.8	12,400	60.6	58.6 - 62.6	298,200
Breastfeeding practices							
Any breastfeeding, 1 month after delivery	♦	82.5	77.7 - 87.2	15,400	77.7	76.0 - 79.4	380,600
Exclusive breastfeeding, 1 month after delivery	✓	55.8	49.7 - 62.0	10,400	46.4	44.4 - 48.4	227,200
Any breastfeeding, 3 months after delivery	✓	70.6	64.0 - 77.1	9,400	59.5	57.0 - 61.9	211,000
Exclusive breastfeeding, 3 months after delivery	✓	40.1	32.8 - 47.5	5,300	31.6	29.4 - 33.8	112,100
Health Care Utilization and Coverage							
Mom uninsured before pregnancy	✓	14.7	11.5 - 18.0	2,800	20.4	18.8 - 22.0	100,400
Had a usual source of pre-pregnancy care	♦	77.6	72.8 - 82.4	14,700	72.8	71.0 - 74.6	363,300
Initiated prenatal care in 1st trimester	♦	87.8	84.4 - 91.3	16,400	89.1	87.8 - 90.4	441,600
Had a postpartum medical visit	♦	89.5	86.3 - 92.8	16,900	85.9	84.4 - 87.3	427,300
Mom or infant needed but couldn't afford care postpartum	♦	12.8	9.0 - 16.6	2,400	14.0	12.5 - 15.5	68,600

MATERNAL, CHILD & ADOLESCENT HEALTH
California Department of Public Health

MIHA Snapshot, Alameda County 2010

Maternal and Infant Health Assessment (MIHA) Survey

	Alameda County			California		
	%	95% CI	Population Estimate	%	95% CI	Population Estimate
Public Program Participation						
Participated in WIC during pregnancy	39.6	36.8 - 42.5	7,500	55.1	54.1 - 56.2	275,400
Received CalFresh (food stamps) during pregnancy	17.7	14.3 - 21.0	3,300	22.4	20.9 - 24.0	111,700
Health Insurance Coverage						
Pre-pregnancy insurance						
Medi-Cal	23.1	19.4 - 26.8	4,300	29.7	28.0 - 31.5	146,300
Uninsured	14.7	11.5 - 18.0	2,800	20.4	18.8 - 22.0	100,400
Private or other	62.2	58.5 - 65.9	11,700	49.8	48.3 - 51.4	245,200
Prenatal insurance						
Medi-Cal	41.6	37.7 - 45.4	7,900	52.0	50.5 - 53.5	259,800
Uninsured	2.0	0.3 - 3.8	400	2.9	2.2 - 3.7	14,700
Private or other	56.4	52.5 - 60.3	10,700	45.1	43.7 - 46.5	225,100
Maternal postpartum insurance						
Medi-Cal	31.2	27.1 - 35.3	5,800	35.3	33.6 - 37.1	173,600
Uninsured	9.6	6.4 - 12.7	1,800	17.3	15.7 - 18.8	84,900
Private or other	59.2	55.1 - 63.3	11,000	47.4	45.9 - 48.9	232,900
Infant health insurance						
Medi-Cal	36.3	32.7 - 39.9	6,800	49.0	47.3 - 50.6	237,900
Healthy Families	1.9	0.4 - 3.4	400	3.8	3.1 - 4.6	18,600
Uninsured	3.3	1.5 - 5.1	600	3.4	2.5 - 4.3	16,700
Private or other	58.5	55.0 - 62.1	10,900	43.8	42.3 - 45.3	212,800
Maternal Demographics						
Age						
15-19	3.7	1.9 - 5.5	700	8.9	7.7 - 10.0	44,400
20-34	74.4	68.9 - 80.0	14,100	71.8	69.9 - 73.8	360,000
35+	21.8	16.5 - 27.2	4,100	19.3	17.6 - 21.0	96,800
Did not complete high school (or GED)	13.4	10.1 - 16.6	2,500	20.4	18.8 - 22.0	101,900
Unmarried	39.4	34.5 - 44.3	7,400	42.7	40.9 - 44.6	213,500
Race/Ethnicity						
Hispanic	25.8	22.3 - 29.4	4,800	50.6	48.9 - 52.2	249,000
Black	13.1	12.2 - 14.0	2,400	6.0	5.8 - 6.2	29,500
White	26.9	21.5 - 32.2	4,900	29.3	27.8 - 30.8	144,200
Asian/Pacific Islander	33.8	28.0 - 39.7	6,200	13.7	12.2 - 15.2	67,600
Nativity and Language						
Born outside the U.S.	51.5	45.6 - 57.4	9,700	41.4	39.4 - 43.3	207,300
Speaks non-English language at home	35.9	30.5 - 41.3	6,800	33.5	31.6 - 35.5	167,000
Income as a percent of the Federal Poverty Guideline						
0-100%	32.5	28.2 - 36.8	5,800	44.0	42.3 - 45.7	206,700
101-200%	19.0	14.3 - 23.8	3,400	20.0	18.3 - 21.7	94,100
201-300%	8.7	4.8 - 12.7	1,600	8.0	7.0 - 9.1	37,800
301-400%	9.0	5.1 - 13.0	1,600	6.5	5.6 - 7.4	30,400
>400%	30.7	25.0 - 36.3	5,500	21.5	20.1 - 22.8	100,800

* Due to frequency < 10 women, data are not presented.

Notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010, with a sample size of 6,817. Percent (%), 95% confidence interval (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 in California and county in 2010. Symbols indicate whether the health indicator in the county was statistically different from the rest of the state (p-value <0.05, chi-square test). Statistical comparisons were not conducted for demographics, health insurance, or public program participation. Prior low birth weight (<2,500 g) or preterm delivery (<37 weeks gestation) is presented for all women. More information on MIHA and the indicators above is on the MIHA website.

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*** .

MIHA Snapshot, Contra Costa County 2010

Maternal and Infant Health Assessment (MIHA) Survey

MATERNAL, CHILD & ADOLESCENT HEALTH
California Department of Public Health

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

		Contra Costa County			California		
		%	95% CI	Population Estimate	%	95% CI	Population Estimate
Prior Poor Birth Outcomes							
Prior low birth weight or preterm delivery	♦	8.0	4.4 - 11.7	1,000	9.6	8.4 - 10.9	48,100
Prior delivery by c-section	✓	10.0	6.2 - 13.9	1,200	16.6	14.9 - 18.3	83,200
Health Status							
In excellent/good health before pregnancy	♦	88.8	84.7 - 92.9	10,700	89.0	87.7 - 90.4	445,300
Chronic conditions before or during pregnancy							
Diabetes or gestational diabetes	♦	14.6	9.6 - 19.5	1,700	12.1	10.7 - 13.4	60,200
Hypertension, preeclampsia or eclampsia	♦	9.0	5.2 - 12.9	1,100	10.0	8.8 - 11.3	49,100
Asthma	♦	8.1	4.7 - 11.5	1,000	7.1	6.2 - 8.0	35,300
Nutrition and Weight							
Daily folic acid use, month before pregnancy	♦	33.7	26.9 - 40.5	4,100	33.1	31.2 - 35.0	165,500
Overweight before pregnancy	♦	22.9	17.0 - 28.8	2,500	25.1	23.2 - 27.0	116,400
Obese before pregnancy	♦	14.7	9.8 - 19.7	1,600	20.0	18.3 - 21.8	92,800
Inadequate weight gain during pregnancy	♦	17.1	10.5 - 23.8	1,500	17.9	16.0 - 19.7	68,000
Excessive weight gain during pregnancy	♦	43.2	34.9 - 51.5	3,700	43.5	41.2 - 45.9	165,800
Food insecurity during pregnancy	♦	16.0	11.5 - 20.4	1,900	18.8	17.2 - 20.4	93,900
Intimate Partner Violence (IPV) and Depression							
Physical IPV in the year before pregnancy		*			2.8	2.1 - 3.5	14,200
Physical or psychological IPV during pregnancy	♦	4.4	2.1 - 6.7	500	7.3	6.3 - 8.4	36,400
Prenatal depression	♦	12.8	8.0 - 17.6	1,600	15.0	13.5 - 16.4	74,700
Postpartum depression	♦	10.3	6.4 - 14.2	1,200	13.4	11.9 - 14.8	66,900
Hardships and Support during Pregnancy							
Had "a lot" of unpaid bills	♦	22.3	17.1 - 27.6	2,700	21.5	19.8 - 23.1	106,800
Moved	♦	29.8	23.2 - 36.4	3,600	28.8	27.0 - 30.7	143,700
Woman or partner lost job	♦	20.9	15.8 - 25.9	2,500	19.7	18.1 - 21.4	97,700
Became separated or divorced	♦	6.4	3.2 - 9.6	800	8.1	6.9 - 9.2	40,200
Had no practical or emotional support	♦	8.2	4.3 - 12.2	1,000	5.8	4.8 - 6.7	28,800
Substance Use							
Any smoking, 3 months before pregnancy	♦	14.9	10.0 - 19.8	1,800	12.5	11.2 - 13.7	62,000
Any smoking, 1st or 3rd trimester	♦	8.0	4.3 - 11.8	1,000	5.6	4.9 - 6.4	28,100
Any binge drinking, 3 months before pregnancy	♦	14.9	9.6 - 20.2	1,800	15.0	13.5 - 16.5	74,200
Any alcohol use, 1st or 3rd trimester	♦	16.7	11.2 - 22.2	2,000	12.1	10.8 - 13.4	60,400
Postpartum Discussions with Provider							
Discussed birth spacing	♦	46.5	38.8 - 54.2	4,500	39.4	37.1 - 41.7	158,400
Discussed postpartum birth control	✓	94.0	91.1 - 96.8	11,300	87.6	86.0 - 89.1	432,900
Infant Sleep and Breastfeeding							
Placed infant on back to sleep	✓	82.2	76.8 - 87.7	9,800	74.4	72.5 - 76.4	360,100
Intended to breastfeed, before birth	✓	95.5	92.6 - 98.4	11,500	91.3	90.2 - 92.5	449,300
Intended to breastfeed exclusively, before birth	✓	69.5	63.5 - 75.6	8,400	60.6	58.6 - 62.6	298,200
Breastfeeding practices							
Any breastfeeding, 1 month after delivery	✓	88.0	83.5 - 92.5	10,500	77.7	76.0 - 79.4	380,600
Exclusive breastfeeding, 1 month after delivery	✓	58.6	51.6 - 65.7	7,000	46.4	44.4 - 48.4	227,200
Any breastfeeding, 3 months after delivery	✓	76.6	69.5 - 83.6	6,400	59.5	57.0 - 61.9	211,000
Exclusive breastfeeding, 3 months after delivery	✓	44.0	35.4 - 52.5	3,600	31.6	29.4 - 33.8	112,100
Health Care Utilization and Coverage							
Mom uninsured before pregnancy	♦	18.8	14.7 - 22.8	2,200	20.4	18.8 - 22.0	100,400
Had a usual source of pre-pregnancy care	♦	77.3	72.2 - 82.5	9,300	72.8	71.0 - 74.6	363,300
Initiated prenatal care in 1st trimester	♦	89.8	85.7 - 93.8	10,700	89.1	87.8 - 90.4	441,600
Had a postpartum medical visit	♦	89.1	85.5 - 92.6	10,700	85.9	84.4 - 87.3	427,300
Mom or infant needed but couldn't afford care postpartum	♦	12.7	8.4 - 16.9	1,500	14.0	12.5 - 15.5	68,600

MIHA Snapshot, Contra Costa County 2010

Maternal and Infant Health Assessment (MIHA) Survey

	Contra Costa County			California		
	%	95% CI	Population Estimate	%	95% CI	Population Estimate
Public Program Participation						
Participated in WIC during pregnancy	40.2	37.2 - 43.1	4,900	55.1	54.1 - 56.2	275,400
Received CalFresh (food stamps) during pregnancy	12.0	9.1 - 14.9	1,500	22.4	20.9 - 24.0	111,700
Health Insurance Coverage						
Pre-pregnancy insurance						
Medi-Cal	16.7	12.6 - 20.9	2,000	29.7	28.0 - 31.5	146,300
Uninsured	18.8	14.7 - 22.8	2,200	20.4	18.8 - 22.0	100,400
Private or other	64.5	60.1 - 69.0	7,600	49.8	48.3 - 51.4	245,200
Prenatal insurance						
Medi-Cal	39.9	35.8 - 44.0	4,800	52.0	50.5 - 53.5	259,800
Uninsured	*			2.9	2.2 - 3.7	14,700
Private or other	58.5	54.5 - 62.5	7,100	45.1	43.7 - 46.5	225,100
Maternal postpartum insurance						
Medi-Cal	25.8	22.2 - 29.5	3,100	35.3	33.6 - 37.1	173,600
Uninsured	13.6	9.9 - 17.2	1,600	17.3	15.7 - 18.8	84,900
Private or other	60.6	57.1 - 64.1	7,200	47.4	45.9 - 48.9	232,900
Infant health insurance						
Medi-Cal	38.3	34.4 - 42.2	4,600	49.0	47.3 - 50.6	237,900
Healthy Families	*			3.8	3.1 - 4.6	18,600
Uninsured	*			3.4	2.5 - 4.3	16,700
Private or other	56.9	52.8 - 61.1	6,800	43.8	42.3 - 45.3	212,800
Maternal Demographics						
Age						
15-19	6.1	3.5 - 8.7	700	8.9	7.7 - 10.0	44,400
20-34	72.0	65.2 - 78.8	8,700	71.8	69.9 - 73.8	360,000
35+	21.9	15.4 - 28.5	2,700	19.3	17.6 - 21.0	96,800
Did not complete high school (or GED)	14.4	11.0 - 17.8	1,700	20.4	18.8 - 22.0	101,900
Unmarried	35.4	30.1 - 40.7	4,300	42.7	40.9 - 44.6	213,500
Race/Ethnicity						
Hispanic	35.4	30.0 - 40.7	4,200	50.6	48.9 - 52.2	249,000
Black	10.1	9.3 - 10.9	1,200	6.0	5.8 - 6.2	29,500
White	38.8	32.3 - 45.2	4,700	29.3	27.8 - 30.8	144,200
Asian/Pacific Islander	15.8	10.0 - 21.6	1,900	13.7	12.2 - 15.2	67,600
Nativity and Language						
Born outside the U.S.	34.7	28.6 - 40.7	4,200	41.4	39.4 - 43.3	207,300
Speaks non-English language at home	26.1	21.0 - 31.2	3,200	33.5	31.6 - 35.5	167,000
Income as a percent of the Federal Poverty Guideline						
0-100%	33.6	29.0 - 38.3	4,000	44.0	42.3 - 45.7	206,700
101-200%	12.5	8.6 - 16.4	1,500	20.0	18.3 - 21.7	94,100
201-300%	*			8.0	7.0 - 9.1	37,800
301-400%	15.3	9.5 - 21.2	1,800	6.5	5.6 - 7.4	30,400
>400%	33.7	27.3 - 40.1	4,000	21.5	20.1 - 22.8	100,800

* Due to frequency < 10 women, data are not presented.

Notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010, with a sample size of 6,817. Percent (%), 95% confidence interval (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 in California and county in 2010. Symbols indicate whether the health indicator in the county was statistically different from the rest of the state (p-value <0.05, chi-square test). Statistical comparisons were not conducted for demographics, health insurance, or public program participation. Prior low birth weight (<2,500 g) or preterm delivery (<37 weeks gestation) is presented for all women. More information on MIHA and the indicators above is on the MIHA website.

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*** .

MIHA Snapshot, Fresno County 2010

Maternal and Infant Health Assessment (MIHA) Survey

MATERNAL, CHILD & ADOLESCENT HEALTH
California Department of Public Health

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

		Fresno County			California		
		%	95% CI	Population Estimate	%	95% CI	Population Estimate
Prior Poor Birth Outcomes							
Prior low birth weight or preterm delivery	♦	9.0	5.5 - 12.5	1,400	9.6	8.4 - 10.9	48,100
Prior delivery by c-section	♦	13.5	9.4 - 17.5	2,200	16.6	14.9 - 18.3	83,200
Health Status							
In excellent/good health before pregnancy	♦	90.5	86.7 - 94.2	14,500	89.0	87.7 - 90.4	445,300
Chronic conditions before or during pregnancy							
Diabetes or gestational diabetes	♦	11.8	7.7 - 15.9	1,900	12.1	10.7 - 13.4	60,200
Hypertension, preeclampsia or eclampsia	♦	11.1	7.1 - 15.0	1,700	10.0	8.8 - 11.3	49,100
Asthma	♦	9.9	6.4 - 13.4	1,600	7.1	6.2 - 8.0	35,300
Nutrition and Weight							
Daily folic acid use, month before pregnancy	♦	29.4	24.2 - 34.7	4,700	33.1	31.2 - 35.0	165,500
Overweight before pregnancy	✗	31.8	25.8 - 37.8	4,800	25.1	23.2 - 27.0	116,400
Obese before pregnancy	♦	22.3	17.1 - 27.6	3,400	20.0	18.3 - 21.8	92,800
Inadequate weight gain during pregnancy	♦	22.9	16.4 - 29.3	2,500	17.9	16.0 - 19.7	68,000
Excessive weight gain during pregnancy	♦	36.6	29.3 - 43.9	4,000	43.5	41.2 - 45.9	165,800
Food insecurity during pregnancy	✗	24.7	19.2 - 30.1	3,900	18.8	17.2 - 20.4	93,900
Intimate Partner Violence (IPV) and Depression							
Physical IPV in the year before pregnancy	♦	1.6	0.2 - 2.9	300	2.8	2.1 - 3.5	14,200
Physical or psychological IPV during pregnancy	♦	8.7	5.2 - 12.2	1,400	7.3	6.3 - 8.4	36,400
Prenatal depression	♦	19.7	14.6 - 24.8	3,100	15.0	13.5 - 16.4	74,700
Postpartum depression	♦	17.2	12.4 - 21.9	2,800	13.4	11.9 - 14.8	66,900
Hardships and Support during Pregnancy							
Had "a lot" of unpaid bills	♦	22.2	17.0 - 27.4	3,500	21.5	19.8 - 23.1	106,800
Moved	♦	29.4	23.9 - 35.0	4,700	28.8	27.0 - 30.7	143,700
Woman or partner lost job	♦	18.6	13.8 - 23.3	2,900	19.7	18.1 - 21.4	97,700
Became separated or divorced	♦	9.6	6.0 - 13.2	1,500	8.1	6.9 - 9.2	40,200
Had no practical or emotional support	♦	7.1	3.8 - 10.5	1,100	5.8	4.8 - 6.7	28,800
Substance Use							
Any smoking, 3 months before pregnancy	♦	9.5	6.3 - 12.8	1,500	12.5	11.2 - 13.7	62,000
Any smoking, 1st or 3rd trimester	♦	5.5	2.9 - 8.0	900	5.6	4.9 - 6.4	28,100
Any binge drinking, 3 months before pregnancy	♦	14.1	10.0 - 18.2	2,200	15.0	13.5 - 16.5	74,200
Any alcohol use, 1st or 3rd trimester	✓	7.0	4.3 - 9.7	1,100	12.1	10.8 - 13.4	60,400
Postpartum Discussions with Provider							
Discussed birth spacing	♦	43.8	36.9 - 50.7	5,500	39.4	37.1 - 41.7	158,400
Discussed postpartum birth control	♦	91.7	88.3 - 95.2	14,700	87.6	86.0 - 89.1	432,900
Infant Sleep and Breastfeeding							
Placed infant on back to sleep	♦	74.4	69.0 - 79.8	11,500	74.4	72.5 - 76.4	360,100
Intended to breastfeed, before birth	✗	80.4	75.2 - 85.5	12,600	91.3	90.2 - 92.5	449,300
Intended to breastfeed exclusively, before birth	✗	43.9	38.3 - 49.5	6,900	60.6	58.6 - 62.6	298,200
Breastfeeding practices							
Any breastfeeding, 1 month after delivery	✗	60.5	54.4 - 66.6	9,500	77.7	76.0 - 79.4	380,600
Exclusive breastfeeding, 1 month after delivery	✗	28.4	23.3 - 33.5	4,500	46.4	44.4 - 48.4	227,200
Any breastfeeding, 3 months after delivery	✗	45.6	38.1 - 53.2	4,600	59.5	57.0 - 61.9	211,000
Exclusive breastfeeding, 3 months after delivery	✗	18.3	13.1 - 23.6	1,900	31.6	29.4 - 33.8	112,100
Health Care Utilization and Coverage							
Mom uninsured before pregnancy	♦	20.3	15.4 - 25.2	3,200	20.4	18.8 - 22.0	100,400
Had a usual source of pre-pregnancy care	♦	72.8	67.4 - 78.2	11,600	72.8	71.0 - 74.6	363,300
Initiated prenatal care in 1st trimester	♦	85.4	80.8 - 90.0	13,500	89.1	87.8 - 90.4	441,600
Had a postpartum medical visit	♦	82.4	77.6 - 87.2	13,100	85.9	84.4 - 87.3	427,300
Mom or infant needed but couldn't afford care postpartum	✓	8.4	5.1 - 11.7	1,300	14.0	12.5 - 15.5	68,600

MIHA Snapshot, Fresno County 2010

Maternal and Infant Health Assessment (MIHA) Survey

	Fresno County			California		
	%	95% CI	Population Estimate	%	95% CI	Population Estimate
Public Program Participation						
Participated in WIC during pregnancy	72.2	69.3 - 75.1	11,500	55.1	54.1 - 56.2	275,400
Received CalFresh (food stamps) during pregnancy	47.1	41.5 - 52.8	7,500	22.4	20.9 - 24.0	111,700
Health Insurance Coverage						
Pre-pregnancy insurance						
Medi-Cal	47.5	41.7 - 53.3	7,500	29.7	28.0 - 31.5	146,300
Uninsured	20.3	15.4 - 25.2	3,200	20.4	18.8 - 22.0	100,400
Private or other	32.2	27.9 - 36.5	5,100	49.8	48.3 - 51.4	245,200
Prenatal insurance						
Medi-Cal	70.0	65.9 - 74.0	11,200	52.0	50.5 - 53.5	259,800
Uninsured	3.6	1.1 - 6.2	600	2.9	2.2 - 3.7	14,700
Private or other	26.4	23.1 - 29.7	4,200	45.1	43.7 - 46.5	225,100
Maternal postpartum insurance						
Medi-Cal	55.2	49.9 - 60.6	8,700	35.3	33.6 - 37.1	173,600
Uninsured	14.9	10.4 - 19.3	2,400	17.3	15.7 - 18.8	84,900
Private or other	29.9	26.2 - 33.7	4,700	47.4	45.9 - 48.9	232,900
Infant health insurance						
Medi-Cal	67.9	63.5 - 72.2	10,500	49.0	47.3 - 50.6	237,900
Healthy Families	2.2	0.6 - 3.8	300	3.8	3.1 - 4.6	18,600
Uninsured	*			3.4	2.5 - 4.3	16,700
Private or other	27.7	23.9 - 31.5	4,300	43.8	42.3 - 45.3	212,800
Maternal Demographics						
Age						
15-19	14.0	9.6 - 18.4	2,200	8.9	7.7 - 10.0	44,400
20-34	76.9	71.6 - 82.1	12,300	71.8	69.9 - 73.8	360,000
35+	9.2	5.7 - 12.6	1,500	19.3	17.6 - 21.0	96,800
Did not complete high school (or GED)	29.6	23.9 - 35.3	4,700	20.4	18.8 - 22.0	101,900
Unmarried	52.9	47.3 - 58.4	8,400	42.7	40.9 - 44.6	213,500
Race/Ethnicity						
Hispanic	64.1	59.1 - 69.2	10,000	50.6	48.9 - 52.2	249,000
Black	5.8	5.5 - 6.1	900	6.0	5.8 - 6.2	29,500
White	19.7	15.9 - 23.5	3,100	29.3	27.8 - 30.8	144,200
Asian/Pacific Islander	9.1	5.2 - 13.0	1,400	13.7	12.2 - 15.2	67,600
Nativity and Language						
Born outside the U.S.	32.4	26.6 - 38.2	5,200	41.4	39.4 - 43.3	207,300
Speaks non-English language at home	29.5	23.8 - 35.2	4,700	33.5	31.6 - 35.5	167,000
Income as a percent of the Federal Poverty Guideline						
0-100%	58.4	53.2 - 63.6	8,700	44.0	42.3 - 45.7	206,700
101-200%	21.2	15.9 - 26.4	3,200	20.0	18.3 - 21.7	94,100
201-300%	6.6	3.9 - 9.2	1,000	8.0	7.0 - 9.1	37,800
301-400%	2.6	1.1 - 4.1	400	6.5	5.6 - 7.4	30,400
>400%	11.3	8.7 - 13.9	1,700	21.5	20.1 - 22.8	100,800

* Due to frequency < 10 women, data are not presented.

Notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010, with a sample size of 6,817. Percent (%), 95% confidence interval (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 in California and county in 2010. Symbols indicate whether the health indicator in the county was statistically different from the rest of the state (p-value <0.05, chi-square test). Statistical comparisons were not conducted for demographics, health insurance, or public program participation. Prior low birth weight (<2,500 g) or preterm delivery (<37 weeks gestation) is presented for all women. More information on MIHA and the indicators above is on the MIHA website.

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*** .

MIHA Snapshot, Kern County 2010

Maternal and Infant Health Assessment (MIHA) Survey

MATERNAL, CHILD & ADOLESCENT HEALTH
California Department of Public Health

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

		Kern County			California		
		%	95% CI	Population Estimate	%	95% CI	Population Estimate
Prior Poor Birth Outcomes							
Prior low birth weight or preterm delivery	♦	13.2	9.0 - 17.4	1,900	9.6	8.4 - 10.9	48,100
Prior delivery by c-section	✓	11.6	7.8 - 15.4	1,600	16.6	14.9 - 18.3	83,200
Health Status							
In excellent/good health before pregnancy	♦	87.2	83.1 - 91.4	12,400	89.0	87.7 - 90.4	445,300
Chronic conditions before or during pregnancy							
Diabetes or gestational diabetes	♦	10.8	7.0 - 14.5	1,500	12.1	10.7 - 13.4	60,200
Hypertension, preeclampsia or eclampsia	♦	12.4	8.1 - 16.7	1,700	10.0	8.8 - 11.3	49,100
Asthma	♦	8.7	5.0 - 12.4	1,200	7.1	6.2 - 8.0	35,300
Nutrition and Weight							
Daily folic acid use, month before pregnancy	♦	27.8	22.2 - 33.5	4,000	33.1	31.2 - 35.0	165,500
Overweight before pregnancy	✗	31.7	25.5 - 37.8	4,000	25.1	23.2 - 27.0	116,400
Obese before pregnancy	✗	28.0	21.7 - 34.3	3,600	20.0	18.3 - 21.8	92,800
Inadequate weight gain during pregnancy	♦	22.6	15.5 - 29.6	2,100	17.9	16.0 - 19.7	68,000
Excessive weight gain during pregnancy	♦	39.1	31.6 - 46.6	3,700	43.5	41.2 - 45.9	165,800
Food insecurity during pregnancy	✗	24.5	18.9 - 30.1	3,400	18.8	17.2 - 20.4	93,900
Intimate Partner Violence (IPV) and Depression							
Physical IPV in the year before pregnancy	♦	1.7	0.4 - 3.0	200	2.8	2.1 - 3.5	14,200
Physical or psychological IPV during pregnancy	♦	9.1	5.6 - 12.7	1,300	7.3	6.3 - 8.4	36,400
Prenatal depression	✗	21.3	16.0 - 26.6	3,000	15.0	13.5 - 16.4	74,700
Postpartum depression	♦	17.5	12.6 - 22.5	2,500	13.4	11.9 - 14.8	66,900
Hardships and Support during Pregnancy							
Had "a lot" of unpaid bills	♦	24.1	18.5 - 29.8	3,400	21.5	19.8 - 23.1	106,800
Moved	♦	34.5	28.2 - 40.7	4,800	28.8	27.0 - 30.7	143,700
Woman or partner lost job	✗	27.0	21.3 - 32.7	3,800	19.7	18.1 - 21.4	97,700
Became separated or divorced	♦	10.2	6.2 - 14.2	1,400	8.1	6.9 - 9.2	40,200
Had no practical or emotional support	♦	8.9	5.2 - 12.5	1,300	5.8	4.8 - 6.7	28,800
Substance Use							
Any smoking, 3 months before pregnancy	♦	16.6	12.0 - 21.2	2,300	12.5	11.2 - 13.7	62,000
Any smoking, 1st or 3rd trimester	✗	10.6	6.8 - 14.5	1,500	5.6	4.9 - 6.4	28,100
Any binge drinking, 3 months before pregnancy	✓	9.0	5.7 - 12.3	1,300	15.0	13.5 - 16.5	74,200
Any alcohol use, 1st or 3rd trimester	✓	4.6	2.3 - 7.0	600	12.1	10.8 - 13.4	60,400
Postpartum Discussions with Provider							
Discussed birth spacing	♦	36.4	29.5 - 43.4	4,200	39.4	37.1 - 41.7	158,400
Discussed postpartum birth control	♦	91.2	87.4 - 94.9	12,600	87.6	86.0 - 89.1	432,900
Infant Sleep and Breastfeeding							
Placed infant on back to sleep	♦	73.1	67.4 - 78.8	9,900	74.4	72.5 - 76.4	360,100
Intended to breastfeed, before birth	✗	84.1	79.4 - 88.9	11,800	91.3	90.2 - 92.5	449,300
Intended to breastfeed exclusively, before birth	✗	36.8	30.9 - 42.8	5,200	60.6	58.6 - 62.6	298,200
Breastfeeding practices							
Any breastfeeding, 1 month after delivery	✗	60.9	54.6 - 67.3	8,400	77.7	76.0 - 79.4	380,600
Exclusive breastfeeding, 1 month after delivery	✗	28.7	23.2 - 34.3	4,000	46.4	44.4 - 48.4	227,200
Any breastfeeding, 3 months after delivery	✗	46.5	38.6 - 54.5	4,400	59.5	57.0 - 61.9	211,000
Exclusive breastfeeding, 3 months after delivery	✗	21.2	15.0 - 27.4	2,000	31.6	29.4 - 33.8	112,100
Health Care Utilization and Coverage							
Mom uninsured before pregnancy	♦	20.1	14.9 - 25.2	2,800	20.4	18.8 - 22.0	100,400
Had a usual source of pre-pregnancy care	♦	71.0	65.1 - 77.0	10,100	72.8	71.0 - 74.6	363,300
Initiated prenatal care in 1st trimester	♦	87.0	82.4 - 91.6	12,200	89.1	87.8 - 90.4	441,600
Had a postpartum medical visit	♦	81.6	76.4 - 86.7	11,300	85.9	84.4 - 87.3	427,300
Mom or infant needed but couldn't afford care postpartum	♦	18.6	13.3 - 23.9	2,600	14.0	12.5 - 15.5	68,600

MIHA Snapshot, Kern County 2010

Maternal and Infant Health Assessment (MIHA) Survey

	Kern County			California		
	%	95% CI	Population Estimate	%	95% CI	Population Estimate
Public Program Participation						
Participated in WIC during pregnancy	72.7	69.1 - 76.4	10,300	55.1	54.1 - 56.2	275,400
Received CalFresh (food stamps) during pregnancy	37.4	31.4 - 43.4	5,300	22.4	20.9 - 24.0	111,700
Health Insurance Coverage						
Pre-pregnancy insurance						
Medi-Cal	46.2	40.1 - 52.2	6,500	29.7	28.0 - 31.5	146,300
Uninsured	20.1	14.9 - 25.2	2,800	20.4	18.8 - 22.0	100,400
Private or other	33.8	29.0 - 38.6	4,700	49.8	48.3 - 51.4	245,200
Prenatal insurance						
Medi-Cal	67.8	63.2 - 72.3	9,600	52.0	50.5 - 53.5	259,800
Uninsured	3.1	0.9 - 5.4	400	2.9	2.2 - 3.7	14,700
Private or other	29.1	24.9 - 33.3	4,100	45.1	43.7 - 46.5	225,100
Maternal postpartum insurance						
Medi-Cal	54.6	48.9 - 60.3	7,600	35.3	33.6 - 37.1	173,600
Uninsured	13.7	9.1 - 18.2	1,900	17.3	15.7 - 18.8	84,900
Private or other	31.7	27.3 - 36.1	4,400	47.4	45.9 - 48.9	232,900
Infant health insurance						
Medi-Cal	60.2	54.8 - 65.6	8,200	49.0	47.3 - 50.6	237,900
Healthy Families	8.6	4.8 - 12.4	1,200	3.8	3.1 - 4.6	18,600
Uninsured	3.6	1.0 - 6.3	500	3.4	2.5 - 4.3	16,700
Private or other	27.6	23.8 - 31.4	3,800	43.8	42.3 - 45.3	212,800
Maternal Demographics						
Age						
15-19	14.9	10.4 - 19.4	2,100	8.9	7.7 - 10.0	44,400
20-34	75.3	69.8 - 80.8	10,700	71.8	69.9 - 73.8	360,000
35+	9.8	6.1 - 13.4	1,400	19.3	17.6 - 21.0	96,800
Did not complete high school (or GED)	27.3	21.4 - 33.2	3,800	20.4	18.8 - 22.0	101,900
Unmarried	53.1	47.1 - 59.1	7,500	42.7	40.9 - 44.6	213,500
Race/Ethnicity						
Hispanic	59.1	53.4 - 64.8	8,300	50.6	48.9 - 52.2	249,000
Black	6.0	5.4 - 6.5	800	6.0	5.8 - 6.2	29,500
White	29.9	24.4 - 35.4	4,200	29.3	27.8 - 30.8	144,200
Asian/Pacific Islander	4.5	1.8 - 7.1	600	13.7	12.2 - 15.2	67,600
Nativity and Language						
Born outside the U.S.	33.8	27.9 - 39.7	4,800	41.4	39.4 - 43.3	207,300
Speaks non-English language at home	32.0	26.1 - 38.0	4,500	33.5	31.6 - 35.5	167,000
Income as a percent of the Federal Poverty Guideline						
0-100%	61.6	56.3 - 67.0	7,900	44.0	42.3 - 45.7	206,700
101-200%	17.4	12.4 - 22.4	2,200	20.0	18.3 - 21.7	94,100
201-300%	5.1	2.9 - 7.2	600	8.0	7.0 - 9.1	37,800
301-400%	5.8	3.4 - 8.2	700	6.5	5.6 - 7.4	30,400
>400%	10.1	7.3 - 12.9	1,300	21.5	20.1 - 22.8	100,800

* Due to frequency < 10 women, data are not presented.

Notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010, with a sample size of 6,817. Percent (%), 95% confidence interval (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 in California and county in 2010. Symbols indicate whether the health indicator in the county was statistically different from the rest of the state (p-value <0.05, chi-square test). Statistical comparisons were not conducted for demographics, health insurance, or public program participation. Prior low birth weight (<2,500 g) or preterm delivery (<37 weeks gestation) is presented for all women. More information on MIHA and the indicators above is on the MIHA website.

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*** .

MIHA Snapshot, Los Angeles County 2010

Maternal and Infant Health Assessment (MIHA) Survey

MATERNAL, CHILD & ADOLESCENT HEALTH
California Department of Public Health

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

		Los Angeles County			California		
		%	95% CI	Population Estimate	%	95% CI	Population Estimate
Prior Poor Birth Outcomes							
Prior low birth weight or preterm delivery	♦	11.1	6.9 - 15.2	14,400	9.6	8.4 - 10.9	48,100
Prior delivery by c-section	✗	22.1	16.6 - 27.6	28,900	16.6	14.9 - 18.3	83,200
Health Status							
In excellent/good health before pregnancy	♦	87.4	83.1 - 91.7	113,800	89.0	87.7 - 90.4	445,300
Chronic conditions before or during pregnancy							
Diabetes or gestational diabetes	♦	11.8	7.5 - 16.2	15,400	12.1	10.7 - 13.4	60,200
Hypertension, preeclampsia or eclampsia	♦	9.5	5.7 - 13.4	12,200	10.0	8.8 - 11.3	49,100
Asthma	♦	5.0	2.4 - 7.6	6,500	7.1	6.2 - 8.0	35,300
Nutrition and Weight							
Daily folic acid use, month before pregnancy	♦	31.8	25.9 - 37.7	41,600	33.1	31.2 - 35.0	165,500
Overweight before pregnancy	♦	28.3	22.2 - 34.3	34,000	25.1	23.2 - 27.0	116,400
Obese before pregnancy	♦	21.2	15.7 - 26.7	25,600	20.0	18.3 - 21.8	92,800
Inadequate weight gain during pregnancy	♦	19.9	13.9 - 25.9	18,900	17.9	16.0 - 19.7	68,000
Excessive weight gain during pregnancy	♦	44.4	37.0 - 51.9	42,300	43.5	41.2 - 45.9	165,800
Food insecurity during pregnancy	♦	20.8	15.6 - 26.0	27,200	18.8	17.2 - 20.4	93,900
Intimate Partner Violence (IPV) and Depression							
Physical IPV in the year before pregnancy	♦	3.7	1.4 - 6.1	4,900	2.8	2.1 - 3.5	14,200
Physical or psychological IPV during pregnancy	♦	6.6	3.4 - 9.8	8,600	7.3	6.3 - 8.4	36,400
Prenatal depression	♦	14.8	10.1 - 19.5	19,400	15.0	13.5 - 16.4	74,700
Postpartum depression	♦	14.3	9.7 - 18.9	18,600	13.4	11.9 - 14.8	66,900
Hardships and Support during Pregnancy							
Had "a lot" of unpaid bills	♦	21.1	15.8 - 26.3	27,500	21.5	19.8 - 23.1	106,800
Moved	♦	25.7	20.2 - 31.3	33,500	28.8	27.0 - 30.7	143,700
Woman or partner lost job	♦	18.9	13.8 - 24.0	24,200	19.7	18.1 - 21.4	97,700
Became separated or divorced	♦	9.2	5.6 - 12.8	12,000	8.1	6.9 - 9.2	40,200
Had no practical or emotional support	♦	5.1	2.2 - 8.0	6,700	5.8	4.8 - 6.7	28,800
Substance Use							
Any smoking, 3 months before pregnancy	♦	9.6	5.8 - 13.3	12,400	12.5	11.2 - 13.7	62,000
Any smoking, 1st or 3rd trimester	✓	2.8	0.8 - 4.8	3,700	5.6	4.9 - 6.4	28,100
Any binge drinking, 3 months before pregnancy	♦	14.4	9.9 - 19.0	18,800	15.0	13.5 - 16.5	74,200
Any alcohol use, 1st or 3rd trimester	♦	10.0	6.2 - 13.8	13,000	12.1	10.8 - 13.4	60,400
Postpartum Discussions with Provider							
Discussed birth spacing	♦	38.8	31.8 - 45.8	41,400	39.4	37.1 - 41.7	158,400
Discussed postpartum birth control	✗	81.3	76.1 - 86.5	104,500	87.6	86.0 - 89.1	432,900
Infant Sleep and Breastfeeding							
Placed infant on back to sleep	✗	67.5	61.3 - 73.7	85,100	74.4	72.5 - 76.4	360,100
Intended to breastfeed, before birth	♦	91.9	88.5 - 95.4	117,600	91.3	90.2 - 92.5	449,300
Intended to breastfeed exclusively, before birth	♦	57.1	50.8 - 63.4	73,100	60.6	58.6 - 62.6	298,200
Breastfeeding practices							
Any breastfeeding, 1 month after delivery	♦	75.4	69.8 - 80.9	96,000	77.7	76.0 - 79.4	380,600
Exclusive breastfeeding, 1 month after delivery	✗	37.1	30.9 - 43.2	47,300	46.4	44.4 - 48.4	227,200
Any breastfeeding, 3 months after delivery	✗	52.5	45.4 - 59.7	52,600	59.5	57.0 - 61.9	211,000
Exclusive breastfeeding, 3 months after delivery	♦	27.0	20.8 - 33.3	27,000	31.6	29.4 - 33.8	112,100
Health Care Utilization and Coverage							
Mom uninsured before pregnancy	♦	21.8	16.5 - 27.1	27,700	20.4	18.8 - 22.0	100,400
Had a usual source of pre-pregnancy care	♦	75.1	69.6 - 80.7	97,300	72.8	71.0 - 74.6	363,300
Initiated prenatal care in 1st trimester	♦	89.6	85.6 - 93.6	116,200	89.1	87.8 - 90.4	441,600
Had a postpartum medical visit	♦	85.3	80.7 - 89.8	111,100	85.9	84.4 - 87.3	427,300
Mom or infant needed but couldn't afford care postpartum	♦	17.1	12.2 - 22.0	21,900	14.0	12.5 - 15.5	68,600

MIHA Snapshot, Los Angeles County 2010

Maternal and Infant Health Assessment (MIHA) Survey

	Los Angeles County			California		
	%	95% CI	Population Estimate	%	95% CI	Population Estimate
Public Program Participation						
Participated in WIC during pregnancy	65.1	62.3 - 68.0	85,200	55.1	54.1 - 56.2	275,400
Received CalFresh (food stamps) during pregnancy	22.6	17.5 - 27.6	29,200	22.4	20.9 - 24.0	111,700
Health Insurance Coverage						
Pre-pregnancy insurance						
Medi-Cal	34.4	28.8 - 40.1	43,700	29.7	28.0 - 31.5	146,300
Uninsured	21.8	16.5 - 27.1	27,700	20.4	18.8 - 22.0	100,400
Private or other	43.7	39.0 - 48.5	55,500	49.8	48.3 - 51.4	245,200
Prenatal insurance						
Medi-Cal	57.4	52.7 - 62.1	75,100	52.0	50.5 - 53.5	259,800
Uninsured	3.1	0.8 - 5.4	4,000	2.9	2.2 - 3.7	14,700
Private or other	39.5	35.3 - 43.8	51,700	45.1	43.7 - 46.5	225,100
Maternal postpartum insurance						
Medi-Cal	40.2	34.4 - 46.0	51,800	35.3	33.6 - 37.1	173,600
Uninsured	18.9	13.9 - 24.0	24,400	17.3	15.7 - 18.8	84,900
Private or other	40.8	35.9 - 45.7	52,600	47.4	45.9 - 48.9	232,900
Infant health insurance						
Medi-Cal	54.7	49.2 - 60.1	68,700	49.0	47.3 - 50.6	237,900
Healthy Families	2.7	0.6 - 4.8	3,400	3.8	3.1 - 4.6	18,600
Uninsured	5.2	2.1 - 8.3	6,600	3.4	2.5 - 4.3	16,700
Private or other	37.4	32.7 - 42.2	47,100	43.8	42.3 - 45.3	212,800
Maternal Demographics						
Age						
15-19	10.9	6.9 - 14.8	14,200	8.9	7.7 - 10.0	44,400
20-34	65.9	59.7 - 72.1	86,300	71.8	69.9 - 73.8	360,000
35+	23.2	17.8 - 28.6	30,400	19.3	17.6 - 21.0	96,800
Did not complete high school (or GED)	23.6	18.3 - 28.8	30,700	20.4	18.8 - 22.0	101,900
Unmarried	49.1	43.4 - 54.8	64,200	42.7	40.9 - 44.6	213,500
Race/Ethnicity						
Hispanic	61.0	56.2 - 65.9	79,600	50.6	48.9 - 52.2	249,000
Black	8.2	7.6 - 8.7	10,600	6.0	5.8 - 6.2	29,500
White	17.7	13.5 - 21.8	23,000	29.3	27.8 - 30.8	144,200
Asian/Pacific Islander	13.1	8.6 - 17.6	17,100	13.7	12.2 - 15.2	67,600
Nativity and Language						
Born outside the U.S.	49.8	43.7 - 55.9	65,200	41.4	39.4 - 43.3	207,300
Speaks non-English language at home	39.9	33.7 - 46.0	52,000	33.5	31.6 - 35.5	167,000
Income as a percent of the Federal Poverty Guideline						
0-100%	50.1	44.6 - 55.5	61,600	44.0	42.3 - 45.7	206,700
101-200%	20.1	14.7 - 25.5	24,800	20.0	18.3 - 21.7	94,100
201-300%	6.5	3.6 - 9.4	8,000	8.0	7.0 - 9.1	37,800
301-400%	5.1	2.7 - 7.6	6,300	6.5	5.6 - 7.4	30,400
>400%	18.2	14.4 - 21.9	22,300	21.5	20.1 - 22.8	100,800

* Due to frequency < 10 women, data are not presented.

Notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010, with a sample size of 6,817. Percent (%), 95% confidence interval (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 in California and region in 2010. 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). Statistical comparisons were not conducted for demographics, health insurance, or public program participation. Prior low birth weight (<2,500 g) or preterm delivery (<37 weeks gestation) is presented for all women. More information on MIHA and the indicators above is on the MIHA website.

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*** .

MIHA Snapshot, Monterey County 2010

Maternal and Infant Health Assessment (MIHA) Survey

MATERNAL, CHILD & ADOLESCENT HEALTH
California Department of Public Health

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

		Monterey County			California		
		%	95% CI	Population Estimate	%	95% CI	Population Estimate
Prior Poor Birth Outcomes							
Prior low birth weight or preterm delivery	♦	8.9	5.1 - 12.8	600	9.6	8.4 - 10.9	48,100
Prior delivery by c-section	♦	13.5	8.7 - 18.3	900	16.6	14.9 - 18.3	83,200
Health Status							
In excellent/good health before pregnancy	♦	84.1	78.7 - 89.6	5,600	89.0	87.7 - 90.4	445,300
Chronic conditions before or during pregnancy							
Diabetes or gestational diabetes	✗	19.9	14.3 - 25.6	1,300	12.1	10.7 - 13.4	60,200
Hypertension, preeclampsia or eclampsia	♦	13.1	8.3 - 17.9	800	10.0	8.8 - 11.3	49,100
Asthma	♦	6.5	3.1 - 9.9	400	7.1	6.2 - 8.0	35,300
Nutrition and Weight							
Daily folic acid use, month before pregnancy	✗	24.9	19.1 - 30.8	1,600	33.1	31.2 - 35.0	165,500
Overweight before pregnancy	♦	26.4	19.5 - 33.2	1,300	25.1	23.2 - 27.0	116,400
Obese before pregnancy	♦	25.3	18.3 - 32.2	1,300	20.0	18.3 - 21.8	92,800
Inadequate weight gain during pregnancy	♦	20.3	13.2 - 27.4	800	17.9	16.0 - 19.7	68,000
Excessive weight gain during pregnancy	♦	47.2	38.3 - 56.2	1,800	43.5	41.2 - 45.9	165,800
Food insecurity during pregnancy	✗	26.6	20.3 - 32.9	1,800	18.8	17.2 - 20.4	93,900
Intimate Partner Violence (IPV) and Depression							
Physical IPV in the year before pregnancy		*			2.8	2.1 - 3.5	14,200
Physical or psychological IPV during pregnancy	♦	7.0	3.6 - 10.4	500	7.3	6.3 - 8.4	36,400
Prenatal depression	♦	19.1	13.5 - 24.7	1,300	15.0	13.5 - 16.4	74,700
Postpartum depression	♦	16.0	10.9 - 21.1	1,100	13.4	11.9 - 14.8	66,900
Hardships and Support during Pregnancy							
Had "a lot" of unpaid bills	♦	22.6	16.8 - 28.5	1,500	21.5	19.8 - 23.1	106,800
Moved	♦	30.6	24.3 - 36.9	2,000	28.8	27.0 - 30.7	143,700
Woman or partner lost job	♦	22.5	16.6 - 28.3	1,500	19.7	18.1 - 21.4	97,700
Became separated or divorced	♦	6.4	2.9 - 9.8	400	8.1	6.9 - 9.2	40,200
Had no practical or emotional support	♦	9.1	4.9 - 13.2	600	5.8	4.8 - 6.7	28,800
Substance Use							
Any smoking, 3 months before pregnancy	♦	9.9	5.9 - 13.8	700	12.5	11.2 - 13.7	62,000
Any smoking, 1st or 3rd trimester		*			5.6	4.9 - 6.4	28,100
Any binge drinking, 3 months before pregnancy	✓	9.0	5.7 - 12.3	600	15.0	13.5 - 16.5	74,200
Any alcohol use, 1st or 3rd trimester	✓	6.3	3.7 - 8.8	400	12.1	10.8 - 13.4	60,400
Postpartum Discussions with Provider							
Discussed birth spacing	♦	37.3	29.8 - 44.9	2,000	39.4	37.1 - 41.7	158,400
Discussed postpartum birth control	♦	89.7	85.0 - 94.3	5,800	87.6	86.0 - 89.1	432,900
Infant Sleep and Breastfeeding							
Placed infant on back to sleep	♦	74.1	67.7 - 80.6	4,700	74.4	72.5 - 76.4	360,100
Intended to breastfeed, before birth	✓	96.8	94.7 - 98.9	6,200	91.3	90.2 - 92.5	449,300
Intended to breastfeed exclusively, before birth	♦	59.7	52.6 - 66.7	3,800	60.6	58.6 - 62.6	298,200
Breastfeeding practices							
Any breastfeeding, 1 month after delivery	♦	83.0	77.8 - 88.3	5,300	77.7	76.0 - 79.4	380,600
Exclusive breastfeeding, 1 month after delivery	✓	55.0	48.0 - 62.0	3,500	46.4	44.4 - 48.4	227,200
Any breastfeeding, 3 months after delivery	✓	71.1	63.1 - 79.0	3,200	59.5	57.0 - 61.9	211,000
Exclusive breastfeeding, 3 months after delivery	♦	33.3	25.2 - 41.3	1,500	31.6	29.4 - 33.8	112,100
Health Care Utilization and Coverage							
Mom uninsured before pregnancy	✗	27.5	21.3 - 33.6	1,800	20.4	18.8 - 22.0	100,400
Had a usual source of pre-pregnancy care	♦	75.7	69.7 - 81.7	5,000	72.8	71.0 - 74.6	363,300
Initiated prenatal care in 1st trimester	♦	89.6	84.9 - 94.3	5,700	89.1	87.8 - 90.4	441,600
Had a postpartum medical visit	♦	82.7	77.0 - 88.4	5,500	85.9	84.4 - 87.3	427,300
Mom or infant needed but couldn't afford care postpartum	♦	13.7	8.8 - 18.5	900	14.0	12.5 - 15.5	68,600

MIHA Snapshot, Monterey County 2010

Maternal and Infant Health Assessment (MIHA) Survey

	Monterey County			California		
	%	95% CI	Population Estimate	%	95% CI	Population Estimate
Public Program Participation						
Participated in WIC during pregnancy	65.9	62.6 - 69.2	4,400	55.1	54.1 - 56.2	275,400
Received CalFresh (food stamps) during pregnancy	26.3	20.2 - 32.5	1,800	22.4	20.9 - 24.0	111,700
Health Insurance Coverage						
Pre-pregnancy insurance						
Medi-Cal	32.4	26.0 - 38.8	2,100	29.7	28.0 - 31.5	146,300
Uninsured	27.5	21.3 - 33.6	1,800	20.4	18.8 - 22.0	100,400
Private or other	40.1	34.6 - 45.6	2,600	49.8	48.3 - 51.4	245,200
Prenatal insurance						
Medi-Cal	63.8	59.1 - 68.4	4,200	52.0	50.5 - 53.5	259,800
Uninsured	*			2.9	2.2 - 3.7	14,700
Private or other	33.1	28.7 - 37.4	2,200	45.1	43.7 - 46.5	225,100
Maternal postpartum insurance						
Medi-Cal	38.2	31.6 - 44.8	2,500	35.3	33.6 - 37.1	173,600
Uninsured	29.6	23.2 - 36.0	1,900	17.3	15.7 - 18.8	84,900
Private or other	32.2	27.5 - 36.9	2,100	47.4	45.9 - 48.9	232,900
Infant health insurance						
Medi-Cal	63.2	58.0 - 68.3	4,000	49.0	47.3 - 50.6	237,900
Healthy Families	9.8	5.5 - 14.1	600	3.8	3.1 - 4.6	18,600
Uninsured	*			3.4	2.5 - 4.3	16,700
Private or other	25.7	21.9 - 29.6	1,600	43.8	42.3 - 45.3	212,800
Maternal Demographics						
Age						
15-19	9.7	5.2 - 14.2	600	8.9	7.7 - 10.0	44,400
20-34	78.2	72.6 - 83.9	5,200	71.8	69.9 - 73.8	360,000
35+	12.1	8.2 - 15.9	800	19.3	17.6 - 21.0	96,800
Did not complete high school (or GED)	35.6	29.1 - 42.2	2,400	20.4	18.8 - 22.0	101,900
Unmarried	49.5	42.8 - 56.2	3,300	42.7	40.9 - 44.6	213,500
Race/Ethnicity						
Hispanic	73.6	68.7 - 78.5	4,800	50.6	48.9 - 52.2	249,000
Black	1.6	1.5 - 1.7	100	6.0	5.8 - 6.2	29,500
White	20.5	16.0 - 25.0	1,300	29.3	27.8 - 30.8	144,200
Asian/Pacific Islander	*			13.7	12.2 - 15.2	67,600
Nativity and Language						
Born outside the U.S.	59.5	53.9 - 65.2	4,000	41.4	39.4 - 43.3	207,300
Speaks non-English language at home	55.5	49.8 - 61.2	3,700	33.5	31.6 - 35.5	167,000
Income as a percent of the Federal Poverty Guideline						
0-100%	52.6	46.4 - 58.8	3,200	44.0	42.3 - 45.7	206,700
101-200%	22.5	16.3 - 28.7	1,400	20.0	18.3 - 21.7	94,100
201-300%	6.4	3.8 - 9.1	400	8.0	7.0 - 9.1	37,800
301-400%	8.4	5.1 - 11.7	500	6.5	5.6 - 7.4	30,400
>400%	10.1	7.4 - 12.7	600	21.5	20.1 - 22.8	100,800

* Due to frequency < 10 women, data are not presented.

Notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010, with a sample size of 6,817. Percent (%), 95% confidence interval (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 in California and county in 2010. Symbols indicate whether the health indicator in the county was statistically different from the rest of the state (p-value <0.05, chi-square test). Statistical comparisons were not conducted for demographics, health insurance, or public program participation. Prior low birth weight (<2,500 g) or preterm delivery (<37 weeks gestation) is presented for all women. More information on MIHA and the indicators above is on the MIHA website.

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*** .

MIHA Snapshot, Orange County 2010

Maternal and Infant Health Assessment (MIHA) Survey

MATERNAL, CHILD & ADOLESCENT HEALTH
California Department of Public Health

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

		Orange County			California		
		%	95% CI	Population Estimate	%	95% CI	Population Estimate
Prior Poor Birth Outcomes							
Prior low birth weight or preterm delivery	♦	10.0	6.1 - 13.9	3,700	9.6	8.4 - 10.9	48,100
Prior delivery by c-section	♦	19.5	14.3 - 24.8	7,300	16.6	14.9 - 18.3	83,200
Health Status							
In excellent/good health before pregnancy	♦	88.7	84.6 - 92.8	33,300	89.0	87.7 - 90.4	445,300
Chronic conditions before or during pregnancy							
Diabetes or gestational diabetes	♦	12.4	7.8 - 17.0	4,600	12.1	10.7 - 13.4	60,200
Hypertension, preeclampsia or eclampsia	♦	7.7	4.3 - 11.1	2,800	10.0	8.8 - 11.3	49,100
Asthma	♦	5.0	2.0 - 8.0	1,900	7.1	6.2 - 8.0	35,300
Nutrition and Weight							
Daily folic acid use, month before pregnancy	♦	36.8	30.7 - 42.9	13,800	33.1	31.2 - 35.0	165,500
Overweight before pregnancy	♦	23.6	18.3 - 29.0	8,400	25.1	23.2 - 27.0	116,400
Obese before pregnancy	♦	17.2	12.1 - 22.4	6,100	20.0	18.3 - 21.8	92,800
Inadequate weight gain during pregnancy	♦	18.0	12.4 - 23.6	5,300	17.9	16.0 - 19.7	68,000
Excessive weight gain during pregnancy	♦	42.1	34.9 - 49.3	12,400	43.5	41.2 - 45.9	165,800
Food insecurity during pregnancy	♦	21.0	16.1 - 25.8	7,900	18.8	17.2 - 20.4	93,900
Intimate Partner Violence (IPV) and Depression							
Physical IPV in the year before pregnancy		*			2.8	2.1 - 3.5	14,200
Physical or psychological IPV during pregnancy	♦	8.3	4.8 - 11.8	3,100	7.3	6.3 - 8.4	36,400
Prenatal depression	♦	14.9	10.5 - 19.4	5,600	15.0	13.5 - 16.4	74,700
Postpartum depression	♦	12.0	8.1 - 15.8	4,500	13.4	11.9 - 14.8	66,900
Hardships and Support during Pregnancy							
Had "a lot" of unpaid bills	♦	19.9	15.0 - 24.8	7,400	21.5	19.8 - 23.1	106,800
Moved	♦	33.0	26.9 - 39.0	12,400	28.8	27.0 - 30.7	143,700
Woman or partner lost job	♦	23.7	18.6 - 28.9	8,900	19.7	18.1 - 21.4	97,700
Became separated or divorced	✓	3.5	1.2 - 5.8	1,300	8.1	6.9 - 9.2	40,200
Had no practical or emotional support	♦	5.6	2.7 - 8.4	2,100	5.8	4.8 - 6.7	28,800
Substance Use							
Any smoking, 3 months before pregnancy	♦	9.5	6.0 - 13.0	3,600	12.5	11.2 - 13.7	62,000
Any smoking, 1st or 3rd trimester	✓	2.0	0.7 - 3.3	800	5.6	4.9 - 6.4	28,100
Any binge drinking, 3 months before pregnancy	♦	13.2	8.9 - 17.4	4,900	15.0	13.5 - 16.5	74,200
Any alcohol use, 1st or 3rd trimester	♦	10.5	6.6 - 14.4	3,900	12.1	10.8 - 13.4	60,400
Postpartum Discussions with Provider							
Discussed birth spacing	♦	38.5	31.4 - 45.6	11,200	39.4	37.1 - 41.7	158,400
Discussed postpartum birth control	♦	87.1	82.4 - 91.7	32,400	87.6	86.0 - 89.1	432,900
Infant Sleep and Breastfeeding							
Placed infant on back to sleep	♦	77.3	71.8 - 82.8	27,600	74.4	72.5 - 76.4	360,100
Intended to breastfeed, before birth	♦	91.8	88.1 - 95.4	33,500	91.3	90.2 - 92.5	449,300
Intended to breastfeed exclusively, before birth	♦	59.4	53.1 - 65.7	21,700	60.6	58.6 - 62.6	298,200
Breastfeeding practices							
Any breastfeeding, 1 month after delivery	♦	80.6	75.7 - 85.5	29,300	77.7	76.0 - 79.4	380,600
Exclusive breastfeeding, 1 month after delivery	✓	53.3	46.9 - 59.7	19,400	46.4	44.4 - 48.4	227,200
Any breastfeeding, 3 months after delivery	♦	62.1	54.7 - 69.6	16,600	59.5	57.0 - 61.9	211,000
Exclusive breastfeeding, 3 months after delivery	♦	36.2	28.6 - 43.8	9,700	31.6	29.4 - 33.8	112,100
Health Care Utilization and Coverage							
Mom uninsured before pregnancy	♦	23.0	18.5 - 27.6	8,500	20.4	18.8 - 22.0	100,400
Had a usual source of pre-pregnancy care	♦	72.4	66.9 - 77.8	27,000	72.8	71.0 - 74.6	363,300
Initiated prenatal care in 1st trimester	♦	91.8	88.0 - 95.5	34,100	89.1	87.8 - 90.4	441,600
Had a postpartum medical visit	♦	86.8	82.4 - 91.3	32,300	85.9	84.4 - 87.3	427,300
Mom or infant needed but couldn't afford care postpartum	♦	13.5	9.4 - 17.6	5,000	14.0	12.5 - 15.5	68,600

MATERNAL, CHILD & ADOLESCENT HEALTH
California Department of Public Health

MIHA Snapshot, Orange County 2010

Maternal and Infant Health Assessment (MIHA) Survey

	Orange County			California		
	%	95% CI	Population Estimate	%	95% CI	Population Estimate
Public Program Participation						
Participated in WIC during pregnancy	49.2	45.8 - 52.6	18,500	55.1	54.1 - 56.2	275,400
Received CalFresh (food stamps) during pregnancy	11.1	7.7 - 14.5	4,100	22.4	20.9 - 24.0	111,700
Health Insurance Coverage						
Pre-pregnancy insurance						
Medi-Cal	21.8	17.3 - 26.3	8,100	29.7	28.0 - 31.5	146,300
Uninsured	23.0	18.5 - 27.6	8,500	20.4	18.8 - 22.0	100,400
Private or other	55.2	50.5 - 59.9	20,400	49.8	48.3 - 51.4	245,200
Prenatal insurance						
Medi-Cal	44.8	40.5 - 49.0	16,800	52.0	50.5 - 53.5	259,800
Uninsured	4.1	1.6 - 6.6	1,500	2.9	2.2 - 3.7	14,700
Private or other	51.1	46.8 - 55.4	19,200	45.1	43.7 - 46.5	225,100
Maternal postpartum insurance						
Medi-Cal	21.6	17.3 - 25.9	8,000	35.3	33.6 - 37.1	173,600
Uninsured	22.1	18.0 - 26.1	8,100	17.3	15.7 - 18.8	84,900
Private or other	56.3	52.4 - 60.3	20,800	47.4	45.9 - 48.9	232,900
Infant health insurance						
Medi-Cal	44.6	40.9 - 48.4	16,400	49.0	47.3 - 50.6	237,900
Healthy Families	*			3.8	3.1 - 4.6	18,600
Uninsured	2.9	0.8 - 4.9	1,100	3.4	2.5 - 4.3	16,700
Private or other	49.4	45.0 - 53.8	18,100	43.8	42.3 - 45.3	212,800
Maternal Demographics						
Age						
15-19	5.6	3.2 - 7.9	2,100	8.9	7.7 - 10.0	44,400
20-34	70.4	64.2 - 76.5	26,400	71.8	69.9 - 73.8	360,000
35+	24.1	18.2 - 29.9	9,000	19.3	17.6 - 21.0	96,800
Did not complete high school (or GED)	17.4	13.7 - 21.2	6,500	20.4	18.8 - 22.0	101,900
Unmarried	31.1	26.0 - 36.2	11,700	42.7	40.9 - 44.6	213,500
Race/Ethnicity						
Hispanic	48.3	42.8 - 53.8	17,900	50.6	48.9 - 52.2	249,000
Black	1.2	1.0 - 1.4	400	6.0	5.8 - 6.2	29,500
White	30.2	24.7 - 35.6	11,200	29.3	27.8 - 30.8	144,200
Asian/Pacific Islander	19.9	13.9 - 25.9	7,400	13.7	12.2 - 15.2	67,600
Nativity and Language						
Born outside the U.S.	49.9	43.9 - 56.0	18,700	41.4	39.4 - 43.3	207,300
Speaks non-English language at home	38.1	32.0 - 44.2	14,300	33.5	31.6 - 35.5	167,000
Income as a percent of the Federal Poverty Guideline						
0-100%	39.6	34.7 - 44.6	14,000	44.0	42.3 - 45.7	206,700
101-200%	20.1	14.6 - 25.5	7,100	20.0	18.3 - 21.7	94,100
201-300%	7.0	3.5 - 10.4	2,500	8.0	7.0 - 9.1	37,800
301-400%	8.9	4.8 - 13.0	3,100	6.5	5.6 - 7.4	30,400
>400%	24.4	19.1 - 29.8	8,600	21.5	20.1 - 22.8	100,800

* Due to frequency < 10 women, data are not presented.

Notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010, with a sample size of 6,817. Percent (%), 95% confidence interval (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 in California and region in 2010. 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). Statistical comparisons were not conducted for demographics, health insurance, or public program participation. Prior low birth weight (<2,500 g) or preterm delivery (<37 weeks gestation) is presented for all women. More information on MIHA and the indicators above is on the MIHA website.

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*** .

MIHA Snapshot, Riverside County 2010

Maternal and Infant Health Assessment (MIHA) Survey

MATERNAL, CHILD & ADOLESCENT HEALTH
California Department of Public Health

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

		Riverside County			California		
		%	95% CI	Population Estimate	%	95% CI	Population Estimate
Prior Poor Birth Outcomes							
Prior low birth weight or preterm delivery	♦	8.2	4.9 - 11.5	2,500	9.6	8.4 - 10.9	48,100
Prior delivery by c-section	♦	14.3	10.1 - 18.5	4,300	16.6	14.9 - 18.3	83,200
Health Status							
In excellent/good health before pregnancy	♦	87.7	83.7 - 91.7	26,500	89.0	87.7 - 90.4	445,300
Chronic conditions before or during pregnancy							
Diabetes or gestational diabetes	♦	9.8	6.2 - 13.4	2,900	12.1	10.7 - 13.4	60,200
Hypertension, preeclampsia or eclampsia	♦	10.7	7.0 - 14.4	3,200	10.0	8.8 - 11.3	49,100
Asthma	✓	3.0	1.1 - 4.8	900	7.1	6.2 - 8.0	35,300
Nutrition and Weight							
Daily folic acid use, month before pregnancy	♦	34.6	29.0 - 40.2	10,400	33.1	31.2 - 35.0	165,500
Overweight before pregnancy	♦	23.0	17.8 - 28.1	6,400	25.1	23.2 - 27.0	116,400
Obese before pregnancy	♦	16.2	11.7 - 20.8	4,500	20.0	18.3 - 21.8	92,800
Inadequate weight gain during pregnancy	♦	15.1	10.2 - 20.1	3,400	17.9	16.0 - 19.7	68,000
Excessive weight gain during pregnancy	♦	43.1	36.4 - 49.9	9,700	43.5	41.2 - 45.9	165,800
Food insecurity during pregnancy	♦	18.6	14.1 - 23.2	5,600	18.8	17.2 - 20.4	93,900
Intimate Partner Violence (IPV) and Depression							
Physical IPV in the year before pregnancy	♦	3.8	1.5 - 6.0	1,100	2.8	2.1 - 3.5	14,200
Physical or psychological IPV during pregnancy	♦	8.0	4.7 - 11.2	2,400	7.3	6.3 - 8.4	36,400
Prenatal depression	✗	22.2	17.2 - 27.1	6,700	15.0	13.5 - 16.4	74,700
Postpartum depression	♦	15.7	11.3 - 20.1	4,700	13.4	11.9 - 14.8	66,900
Hardships and Support during Pregnancy							
Had "a lot" of unpaid bills	✗	27.4	22.1 - 32.7	8,200	21.5	19.8 - 23.1	106,800
Moved	♦	32.3	26.7 - 37.8	9,700	28.8	27.0 - 30.7	143,700
Woman or partner lost job	✗	26.1	20.9 - 31.2	7,800	19.7	18.1 - 21.4	97,700
Became separated or divorced	♦	7.6	4.3 - 10.8	2,300	8.1	6.9 - 9.2	40,200
Had no practical or emotional support	♦	7.6	4.3 - 10.9	2,300	5.8	4.8 - 6.7	28,800
Substance Use							
Any smoking, 3 months before pregnancy	♦	15.1	10.8 - 19.3	4,500	12.5	11.2 - 13.7	62,000
Any smoking, 1st or 3rd trimester	♦	6.3	3.4 - 9.1	1,900	5.6	4.9 - 6.4	28,100
Any binge drinking, 3 months before pregnancy	♦	16.9	12.4 - 21.4	5,000	15.0	13.5 - 16.5	74,200
Any alcohol use, 1st or 3rd trimester	♦	9.6	6.1 - 13.1	2,900	12.1	10.8 - 13.4	60,400
Postpartum Discussions with Provider							
Discussed birth spacing	♦	35.8	29.6 - 42.1	9,100	39.4	37.1 - 41.7	158,400
Discussed postpartum birth control	♦	85.7	81.6 - 89.8	25,800	87.6	86.0 - 89.1	432,900
Infant Sleep and Breastfeeding							
Placed infant on back to sleep	♦	71.3	65.8 - 76.8	21,000	74.4	72.5 - 76.4	360,100
Intended to breastfeed, before birth	♦	92.6	89.5 - 95.7	27,800	91.3	90.2 - 92.5	449,300
Intended to breastfeed exclusively, before birth	♦	61.4	55.6 - 67.3	18,400	60.6	58.6 - 62.6	298,200
Breastfeeding practices							
Any breastfeeding, 1 month after delivery	♦	77.2	72.1 - 82.2	23,100	77.7	76.0 - 79.4	380,600
Exclusive breastfeeding, 1 month after delivery	♦	48.7	42.7 - 54.6	14,600	46.4	44.4 - 48.4	227,200
Any breastfeeding, 3 months after delivery	♦	52.9	46.0 - 59.9	11,700	59.5	57.0 - 61.9	211,000
Exclusive breastfeeding, 3 months after delivery	♦	29.7	23.3 - 36.1	6,600	31.6	29.4 - 33.8	112,100
Health Care Utilization and Coverage							
Mom uninsured before pregnancy	♦	24.5	19.6 - 29.3	7,200	20.4	18.8 - 22.0	100,400
Had a usual source of pre-pregnancy care	✗	64.5	59.0 - 70.0	19,500	72.8	71.0 - 74.6	363,300
Initiated prenatal care in 1st trimester	♦	91.7	88.6 - 94.7	27,400	89.1	87.8 - 90.4	441,600
Had a postpartum medical visit	♦	84.2	79.9 - 88.4	25,300	85.9	84.4 - 87.3	427,300
Mom or infant needed but couldn't afford care postpartum	♦	13.0	9.2 - 16.9	3,900	14.0	12.5 - 15.5	68,600

MIHA Snapshot, Riverside County 2010

Maternal and Infant Health Assessment (MIHA) Survey

	Riverside County			California		
	%	95% CI	Population Estimate	%	95% CI	Population Estimate
Public Program Participation						
Participated in WIC during pregnancy	58.2	55.3 - 61.1	17,500	55.1	54.1 - 56.2	275,400
Received CalFresh (food stamps) during pregnancy	20.9	16.2 - 25.6	6,300	22.4	20.9 - 24.0	111,700
Health Insurance Coverage						
Pre-pregnancy insurance						
Medi-Cal	25.8	20.9 - 30.7	7,600	29.7	28.0 - 31.5	146,300
Uninsured	24.5	19.6 - 29.3	7,200	20.4	18.8 - 22.0	100,400
Private or other	49.7	45.1 - 54.3	14,700	49.8	48.3 - 51.4	245,200
Prenatal insurance						
Medi-Cal	54.2	50.0 - 58.3	16,300	52.0	50.5 - 53.5	259,800
Uninsured	3.7	1.5 - 5.9	1,100	2.9	2.2 - 3.7	14,700
Private or other	42.1	38.1 - 46.1	12,700	45.1	43.7 - 46.5	225,100
Maternal postpartum insurance						
Medi-Cal	35.5	30.3 - 40.6	10,300	35.3	33.6 - 37.1	173,600
Uninsured	21.0	16.3 - 25.7	6,100	17.3	15.7 - 18.8	84,900
Private or other	43.5	39.2 - 47.9	12,700	47.4	45.9 - 48.9	232,900
Infant health insurance						
Medi-Cal	50.2	45.5 - 54.8	14,800	49.0	47.3 - 50.6	237,900
Healthy Families	7.3	4.0 - 10.5	2,100	3.8	3.1 - 4.6	18,600
Uninsured	4.4	1.9 - 6.8	1,300	3.4	2.5 - 4.3	16,700
Private or other	38.2	34.2 - 42.3	11,300	43.8	42.3 - 45.3	212,800
Maternal Demographics						
Age						
15-19	11.8	8.2 - 15.4	3,600	8.9	7.7 - 10.0	44,400
20-34	75.5	70.5 - 80.5	22,800	71.8	69.9 - 73.8	360,000
35+	12.6	8.9 - 16.4	3,800	19.3	17.6 - 21.0	96,800
Did not complete high school (or GED)	22.5	17.7 - 27.3	6,800	20.4	18.8 - 22.0	101,900
Unmarried	44.9	39.5 - 50.3	13,500	42.7	40.9 - 44.6	213,500
Race/Ethnicity						
Hispanic	60.7	55.5 - 66.0	18,300	50.6	48.9 - 52.2	249,000
Black	5.3	4.4 - 6.2	1,600	6.0	5.8 - 6.2	29,500
White	28.3	23.3 - 33.3	8,500	29.3	27.8 - 30.8	144,200
Asian/Pacific Islander	5.1	2.4 - 7.8	1,500	13.7	12.2 - 15.2	67,600
Nativity and Language						
Born outside the U.S.	31.2	25.6 - 36.7	9,400	41.4	39.4 - 43.3	207,300
Speaks non-English language at home	28.0	22.6 - 33.3	8,400	33.5	31.6 - 35.5	167,000
Income as a percent of the Federal Poverty Guideline						
0-100%	43.6	38.6 - 48.6	12,100	44.0	42.3 - 45.7	206,700
101-200%	21.8	16.7 - 26.9	6,100	20.0	18.3 - 21.7	94,100
201-300%	10.2	6.6 - 13.9	2,800	8.0	7.0 - 9.1	37,800
301-400%	6.0	3.2 - 8.7	1,700	6.5	5.6 - 7.4	30,400
>400%	18.4	14.3 - 22.4	5,100	21.5	20.1 - 22.8	100,800

* Due to frequency < 10 women, data are not presented.

Notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010, with a sample size of 6,817. Percent (%), 95% confidence interval (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 in California and county in 2010. Symbols indicate whether the health indicator in the county was statistically different from the rest of the state (p-value <0.05, chi-square test). Statistical comparisons were not conducted for demographics, health insurance, or public program participation. Prior low birth weight (<2,500 g) or preterm delivery (<37 weeks gestation) is presented for all women. More information on MIHA and the indicators above is on the MIHA website.

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*** .

MIHA Snapshot, Sacramento County 2010

Maternal and Infant Health Assessment (MIHA) Survey

MATERNAL, CHILD & ADOLESCENT HEALTH
California Department of Public Health

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

		Sacramento County			California		
		%	95% CI	Population Estimate	%	95% CI	Population Estimate
Prior Poor Birth Outcomes							
Prior low birth weight or preterm delivery	♦	10.3	6.6 - 13.9	2,000	9.6	8.4 - 10.9	48,100
Prior delivery by c-section	♦	15.2	10.9 - 19.4	3,000	16.6	14.9 - 18.3	83,200
Health Status							
In excellent/good health before pregnancy	♦	91.5	88.3 - 94.6	18,000	89.0	87.7 - 90.4	445,300
Chronic conditions before or during pregnancy							
Diabetes or gestational diabetes	♦	13.0	9.0 - 17.0	2,600	12.1	10.7 - 13.4	60,200
Hypertension, preeclampsia or eclampsia	♦	13.6	9.5 - 17.8	2,600	10.0	8.8 - 11.3	49,100
Asthma	✗	11.1	7.3 - 14.8	2,100	7.1	6.2 - 8.0	35,300
Nutrition and Weight							
Daily folic acid use, month before pregnancy	♦	30.8	25.5 - 36.0	6,100	33.1	31.2 - 35.0	165,500
Overweight before pregnancy	♦	26.4	21.2 - 31.7	5,000	25.1	23.2 - 27.0	116,400
Obese before pregnancy	♦	23.5	18.5 - 28.5	4,400	20.0	18.3 - 21.8	92,800
Inadequate weight gain during pregnancy	♦	15.6	10.7 - 20.5	2,400	17.9	16.0 - 19.7	68,000
Excessive weight gain during pregnancy	♦	44.0	37.4 - 50.5	6,800	43.5	41.2 - 45.9	165,800
Food insecurity during pregnancy	♦	15.0	11.0 - 19.0	2,900	18.8	17.2 - 20.4	93,900
Intimate Partner Violence (IPV) and Depression							
Physical IPV in the year before pregnancy	♦	2.2	0.7 - 3.8	400	2.8	2.1 - 3.5	14,200
Physical or psychological IPV during pregnancy	♦	4.5	2.2 - 6.9	900	7.3	6.3 - 8.4	36,400
Prenatal depression	♦	17.9	13.4 - 22.4	3,500	15.0	13.5 - 16.4	74,700
Postpartum depression	♦	12.5	8.6 - 16.4	2,500	13.4	11.9 - 14.8	66,900
Hardships and Support during Pregnancy							
Had "a lot" of unpaid bills	♦	20.1	15.6 - 24.7	3,900	21.5	19.8 - 23.1	106,800
Moved	♦	31.5	26.2 - 36.8	6,200	28.8	27.0 - 30.7	143,700
Woman or partner lost job	✓	14.3	10.2 - 18.4	2,800	19.7	18.1 - 21.4	97,700
Became separated or divorced	♦	8.3	5.1 - 11.4	1,600	8.1	6.9 - 9.2	40,200
Had no practical or emotional support	♦	4.0	1.7 - 6.2	800	5.8	4.8 - 6.7	28,800
Substance Use							
Any smoking, 3 months before pregnancy	♦	13.8	10.0 - 17.6	2,700	12.5	11.2 - 13.7	62,000
Any smoking, 1st or 3rd trimester	♦	7.6	4.8 - 10.4	1,500	5.6	4.9 - 6.4	28,100
Any binge drinking, 3 months before pregnancy	♦	13.8	9.8 - 17.8	2,700	15.0	13.5 - 16.5	74,200
Any alcohol use, 1st or 3rd trimester	♦	10.7	7.0 - 14.3	2,100	12.1	10.8 - 13.4	60,400
Postpartum Discussions with Provider							
Discussed birth spacing	♦	44.0	37.5 - 50.5	6,900	39.4	37.1 - 41.7	158,400
Discussed postpartum birth control	♦	88.8	85.1 - 92.5	17,200	87.6	86.0 - 89.1	432,900
Infant Sleep and Breastfeeding							
Placed infant on back to sleep	♦	78.1	73.2 - 83.0	15,100	74.4	72.5 - 76.4	360,100
Intended to breastfeed, before birth	♦	89.1	85.4 - 92.7	17,300	91.3	90.2 - 92.5	449,300
Intended to breastfeed exclusively, before birth	♦	62.4	57.0 - 67.7	12,200	60.6	58.6 - 62.6	298,200
Breastfeeding practices							
Any breastfeeding, 1 month after delivery	♦	76.2	71.4 - 81.1	14,800	77.7	76.0 - 79.4	380,600
Exclusive breastfeeding, 1 month after delivery	♦	47.8	42.0 - 53.6	9,300	46.4	44.4 - 48.4	227,200
Any breastfeeding, 3 months after delivery	♦	55.6	49.1 - 62.2	7,300	59.5	57.0 - 61.9	211,000
Exclusive breastfeeding, 3 months after delivery	♦	28.2	22.0 - 34.4	3,700	31.6	29.4 - 33.8	112,100
Health Care Utilization and Coverage							
Mom uninsured before pregnancy	✓	13.4	10.1 - 16.7	2,600	20.4	18.8 - 22.0	100,400
Had a usual source of pre-pregnancy care	♦	73.2	68.3 - 78.1	14,400	72.8	71.0 - 74.6	363,300
Initiated prenatal care in 1st trimester	✗	83.5	79.2 - 87.8	16,200	89.1	87.8 - 90.4	441,600
Had a postpartum medical visit	♦	83.8	79.5 - 88.0	16,400	85.9	84.4 - 87.3	427,300
Mom or infant needed but couldn't afford care postpartum	♦	11.6	8.1 - 15.0	2,300	14.0	12.5 - 15.5	68,600

MIHA Snapshot, Sacramento County 2010

Maternal and Infant Health Assessment (MIHA) Survey

	Sacramento County			California		
	%	95% CI	Population Estimate	%	95% CI	Population Estimate
Public Program Participation						
Participated in WIC during pregnancy	48.8	45.3 - 52.3	9,600	55.1	54.1 - 56.2	275,400
Received CalFresh (food stamps) during pregnancy	28.7	24.0 - 33.4	5,600	22.4	20.9 - 24.0	111,700
Health Insurance Coverage						
Pre-pregnancy insurance						
Medi-Cal	34.1	29.4 - 38.8	6,700	29.7	28.0 - 31.5	146,300
Uninsured	13.4	10.1 - 16.7	2,600	20.4	18.8 - 22.0	100,400
Private or other	52.5	48.4 - 56.5	10,300	49.8	48.3 - 51.4	245,200
Prenatal insurance						
Medi-Cal	52.5	48.6 - 56.5	10,300	52.0	50.5 - 53.5	259,800
Uninsured	2.6	0.9 - 4.3	500	2.9	2.2 - 3.7	14,700
Private or other	44.8	40.9 - 48.8	8,800	45.1	43.7 - 46.5	225,100
Maternal postpartum insurance						
Medi-Cal	41.8	37.3 - 46.3	8,100	35.3	33.6 - 37.1	173,600
Uninsured	11.6	8.3 - 14.9	2,200	17.3	15.7 - 18.8	84,900
Private or other	46.6	42.6 - 50.6	9,000	47.4	45.9 - 48.9	232,900
Infant health insurance						
Medi-Cal	49.6	45.6 - 53.7	9,600	49.0	47.3 - 50.6	237,900
Healthy Families	3.2	1.0 - 5.3	600	3.8	3.1 - 4.6	18,600
Uninsured	3.4	1.3 - 5.5	700	3.4	2.5 - 4.3	16,700
Private or other	43.8	39.8 - 47.8	8,500	43.8	42.3 - 45.3	212,800
Maternal Demographics						
Age						
15-19	9.5	6.1 - 12.8	1,900	8.9	7.7 - 10.0	44,400
20-34	73.8	68.6 - 79.0	14,500	71.8	69.9 - 73.8	360,000
35+	16.7	12.4 - 21.1	3,300	19.3	17.6 - 21.0	96,800
Did not complete high school (or GED)	15.2	11.4 - 19.0	3,000	20.4	18.8 - 22.0	101,900
Unmarried	41.9	36.7 - 47.1	8,200	42.7	40.9 - 44.6	213,500
Race/Ethnicity						
Hispanic	28.6	23.7 - 33.4	5,600	50.6	48.9 - 52.2	249,000
Black	11.8	10.5 - 13.1	2,300	6.0	5.8 - 6.2	29,500
White	40.6	35.2 - 45.9	8,000	29.3	27.8 - 30.8	144,200
Asian/Pacific Islander	18.5	13.8 - 23.1	3,600	13.7	12.2 - 15.2	67,600
Nativity and Language						
Born outside the U.S.	29.9	24.5 - 35.2	5,900	41.4	39.4 - 43.3	207,300
Speaks non-English language at home	26.1	21.2 - 30.9	5,100	33.5	31.6 - 35.5	167,000
Income as a percent of the Federal Poverty Guideline						
0-100%	42.0	37.5 - 46.4	7,900	44.0	42.3 - 45.7	206,700
101-200%	26.3	21.0 - 31.6	4,900	20.0	18.3 - 21.7	94,100
201-300%	8.6	5.2 - 12.0	1,600	8.0	7.0 - 9.1	37,800
301-400%	8.2	5.0 - 11.5	1,500	6.5	5.6 - 7.4	30,400
>400%	14.9	11.1 - 18.7	2,800	21.5	20.1 - 22.8	100,800

* Due to frequency < 10 women, data are not presented.

Notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010, with a sample size of 6,817. Percent (%), 95% confidence interval (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 in California and county in 2010. Symbols indicate whether the health indicator in the county was statistically different from the rest of the state (p-value <0.05, chi-square test). Statistical comparisons were not conducted for demographics, health insurance, or public program participation. Prior low birth weight (<2,500 g) or preterm delivery (<37 weeks gestation) is presented for all women. More information on MIHA and the indicators above is on the MIHA website.

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*** .

MIHA Snapshot, San Bernardino County 2010

Maternal and Infant Health Assessment (MIHA) Survey

MATERNAL, CHILD & ADOLESCENT HEALTH
California Department of Public Health

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

		San Bernardino County			California		
		%	95% CI	Population Estimate	%	95% CI	Population Estimate
Prior Poor Birth Outcomes							
Prior low birth weight or preterm delivery	♦	8.7	5.5 - 11.9	2,700	9.6	8.4 - 10.9	48,100
Prior delivery by c-section	♦	14.0	10.0 - 18.0	4,300	16.6	14.9 - 18.3	83,200
Health Status							
In excellent/good health before pregnancy	♦	89.0	85.3 - 92.8	27,400	89.0	87.7 - 90.4	445,300
Chronic conditions before or during pregnancy							
Diabetes or gestational diabetes	♦	8.9	5.4 - 12.4	2,700	12.1	10.7 - 13.4	60,200
Hypertension, preeclampsia or eclampsia	♦	11.4	7.7 - 15.1	3,500	10.0	8.8 - 11.3	49,100
Asthma	♦	9.2	5.9 - 12.4	2,800	7.1	6.2 - 8.0	35,300
Nutrition and Weight							
Daily folic acid use, month before pregnancy	♦	29.5	24.2 - 34.9	9,000	33.1	31.2 - 35.0	165,500
Overweight before pregnancy	♦	22.4	17.3 - 27.5	6,600	25.1	23.2 - 27.0	116,400
Obese before pregnancy	✗	27.2	21.6 - 32.7	8,000	20.0	18.3 - 21.8	92,800
Inadequate weight gain during pregnancy	♦	16.5	11.4 - 21.5	4,000	17.9	16.0 - 19.7	68,000
Excessive weight gain during pregnancy	♦	50.1	43.4 - 56.8	12,200	43.5	41.2 - 45.9	165,800
Food insecurity during pregnancy	♦	17.8	13.2 - 22.3	5,400	18.8	17.2 - 20.4	93,900
Intimate Partner Violence (IPV) and Depression							
Physical IPV in the year before pregnancy	✗	5.1	2.5 - 7.7	1,600	2.8	2.1 - 3.5	14,200
Physical or psychological IPV during pregnancy	♦	10.4	6.6 - 14.3	3,200	7.3	6.3 - 8.4	36,400
Prenatal depression	♦	18.1	13.5 - 22.8	5,600	15.0	13.5 - 16.4	74,700
Postpartum depression	♦	11.4	7.6 - 15.3	3,500	13.4	11.9 - 14.8	66,900
Hardships and Support during Pregnancy							
Had "a lot" of unpaid bills	♦	26.2	21.3 - 31.2	8,100	21.5	19.8 - 23.1	106,800
Moved	✗	35.4	29.7 - 41.0	10,900	28.8	27.0 - 30.7	143,700
Woman or partner lost job	♦	19.7	15.0 - 24.5	6,100	19.7	18.1 - 21.4	97,700
Became separated or divorced	✗	13.4	9.4 - 17.4	4,100	8.1	6.9 - 9.2	40,200
Had no practical or emotional support	♦	5.6	2.8 - 8.3	1,700	5.8	4.8 - 6.7	28,800
Substance Use							
Any smoking, 3 months before pregnancy	♦	13.7	9.6 - 17.9	4,200	12.5	11.2 - 13.7	62,000
Any smoking, 1st or 3rd trimester	♦	7.4	4.2 - 10.6	2,300	5.6	4.9 - 6.4	28,100
Any binge drinking, 3 months before pregnancy	♦	15.8	11.4 - 20.2	4,800	15.0	13.5 - 16.5	74,200
Any alcohol use, 1st or 3rd trimester	♦	10.1	6.5 - 13.6	3,100	12.1	10.8 - 13.4	60,400
Postpartum Discussions with Provider							
Discussed birth spacing	♦	38.3	31.7 - 44.9	9,400	39.4	37.1 - 41.7	158,400
Discussed postpartum birth control	♦	85.0	80.7 - 89.3	26,000	87.6	86.0 - 89.1	432,900
Infant Sleep and Breastfeeding							
Placed infant on back to sleep	♦	76.4	71.2 - 81.6	22,700	74.4	72.5 - 76.4	360,100
Intended to breastfeed, before birth	♦	88.5	84.5 - 92.5	26,800	91.3	90.2 - 92.5	449,300
Intended to breastfeed exclusively, before birth	♦	55.7	49.8 - 61.5	16,900	60.6	58.6 - 62.6	298,200
Breastfeeding practices							
Any breastfeeding, 1 month after delivery	✗	66.5	60.8 - 72.2	19,800	77.7	76.0 - 79.4	380,600
Exclusive breastfeeding, 1 month after delivery	✗	38.6	32.7 - 44.4	11,500	46.4	44.4 - 48.4	227,200
Any breastfeeding, 3 months after delivery	✗	46.0	38.9 - 53.1	9,300	59.5	57.0 - 61.9	211,000
Exclusive breastfeeding, 3 months after delivery	✗	23.6	17.5 - 29.7	4,800	31.6	29.4 - 33.8	112,100
Health Care Utilization and Coverage							
Mom uninsured before pregnancy	✗	25.6	20.6 - 30.7	7,800	20.4	18.8 - 22.0	100,400
Had a usual source of pre-pregnancy care	✗	66.3	60.7 - 71.9	20,400	72.8	71.0 - 74.6	363,300
Initiated prenatal care in 1st trimester	♦	85.8	81.5 - 90.2	26,100	89.1	87.8 - 90.4	441,600
Had a postpartum medical visit	✗	79.1	74.3 - 83.9	24,300	85.9	84.4 - 87.3	427,300
Mom or infant needed but couldn't afford care postpartum	♦	18.1	13.3 - 22.9	5,400	14.0	12.5 - 15.5	68,600

MIHA Snapshot, San Bernardino County 2010

Maternal and Infant Health Assessment (MIHA) Survey

	San Bernardino County			California		
	%	95% CI	Population Estimate	%	95% CI	Population Estimate
Public Program Participation						
Participated in WIC during pregnancy	57.9	54.5 - 61.4	17,700	55.1	54.1 - 56.2	275,400
Received CalFresh (food stamps) during pregnancy	30.8	25.6 - 35.9	9,400	22.4	20.9 - 24.0	111,700
Health Insurance Coverage						
Pre-pregnancy insurance						
Medi-Cal	28.9	23.7 - 34.0	8,800	29.7	28.0 - 31.5	146,300
Uninsured	25.6	20.6 - 30.7	7,800	20.4	18.8 - 22.0	100,400
Private or other	45.5	40.8 - 50.3	13,900	49.8	48.3 - 51.4	245,200
Prenatal insurance						
Medi-Cal	59.7	55.4 - 64.1	18,400	52.0	50.5 - 53.5	259,800
Uninsured	*			2.9	2.2 - 3.7	14,700
Private or other	38.9	34.7 - 43.1	12,000	45.1	43.7 - 46.5	225,100
Maternal postpartum insurance						
Medi-Cal	38.9	33.6 - 44.3	11,900	35.3	33.6 - 37.1	173,600
Uninsured	19.8	15.0 - 24.6	6,000	17.3	15.7 - 18.8	84,900
Private or other	41.2	36.7 - 45.8	12,600	47.4	45.9 - 48.9	232,900
Infant health insurance						
Medi-Cal	54.3	49.5 - 59.1	16,200	49.0	47.3 - 50.6	237,900
Healthy Families	4.5	1.9 - 7.1	1,400	3.8	3.1 - 4.6	18,600
Uninsured	2.0	0.5 - 3.5	600	3.4	2.5 - 4.3	16,700
Private or other	39.2	34.8 - 43.6	11,700	43.8	42.3 - 45.3	212,800
Maternal Demographics						
Age						
15-19	10.8	6.9 - 14.6	3,300	8.9	7.7 - 10.0	44,400
20-34	73.7	68.4 - 79.0	22,700	71.8	69.9 - 73.8	360,000
35+	15.5	11.4 - 19.7	4,800	19.3	17.6 - 21.0	96,800
Did not complete high school (or GED)	25.2	20.0 - 30.5	7,700	20.4	18.8 - 22.0	101,900
Unmarried	51.6	46.0 - 57.2	15,700	42.7	40.9 - 44.6	213,500
Race/Ethnicity						
Hispanic	56.5	51.7 - 61.3	17,400	50.6	48.9 - 52.2	249,000
Black	9.6	9.2 - 10.1	3,000	6.0	5.8 - 6.2	29,500
White	26.2	21.4 - 30.9	8,100	29.3	27.8 - 30.8	144,200
Asian/Pacific Islander	7.4	4.3 - 10.5	2,300	13.7	12.2 - 15.2	67,600
Nativity and Language						
Born outside the U.S.	29.5	24.0 - 34.9	9,000	41.4	39.4 - 43.3	207,300
Speaks non-English language at home	23.1	18.1 - 28.1	7,000	33.5	31.6 - 35.5	167,000
Income as a percent of the Federal Poverty Guideline						
0-100%	49.6	44.5 - 54.7	14,400	44.0	42.3 - 45.7	206,700
101-200%	23.0	17.8 - 28.2	6,700	20.0	18.3 - 21.7	94,100
201-300%	12.1	8.5 - 15.7	3,500	8.0	7.0 - 9.1	37,800
301-400%	5.4	2.8 - 8.0	1,600	6.5	5.6 - 7.4	30,400
>400%	9.9	6.9 - 13.0	2,900	21.5	20.1 - 22.8	100,800

* Due to frequency < 10 women, data are not presented.

Notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010, with a sample size of 6,817. Percent (%), 95% confidence interval (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 in California and county in 2010. Symbols indicate whether the health indicator in the county was statistically different from the rest of the state (p-value <0.05, chi-square test). Statistical comparisons were not conducted for demographics, health insurance, or public program participation. Prior low birth weight (<2,500 g) or preterm delivery (<37 weeks gestation) is presented for all women. More information on MIHA and the indicators above is on the MIHA website.

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*** .

MIHA Snapshot, San Diego County 2010

Maternal and Infant Health Assessment (MIHA) Survey

MATERNAL, CHILD & ADOLESCENT HEALTH
California Department of Public Health

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

		San Diego County			California		
		%	95% CI	Population Estimate	%	95% CI	Population Estimate
Prior Poor Birth Outcomes							
Prior low birth weight or preterm delivery	♦	7.0	4.0 - 10.0	3,100	9.6	8.4 - 10.9	48,100
Prior delivery by c-section	♦	14.5	9.7 - 19.3	6,400	16.6	14.9 - 18.3	83,200
Health Status							
In excellent/good health before pregnancy	♦	92.8	89.4 - 96.1	40,900	89.0	87.7 - 90.4	445,300
Chronic conditions before or during pregnancy							
Diabetes or gestational diabetes	♦	11.1	7.1 - 15.2	4,900	12.1	10.7 - 13.4	60,200
Hypertension, preeclampsia or eclampsia	♦	7.9	4.1 - 11.8	3,400	10.0	8.8 - 11.3	49,100
Asthma	♦	6.1	2.9 - 9.3	2,600	7.1	6.2 - 8.0	35,300
Nutrition and Weight							
Daily folic acid use, month before pregnancy	♦	39.7	32.8 - 46.5	17,500	33.1	31.2 - 35.0	165,500
Overweight before pregnancy	♦	23.4	17.4 - 29.5	9,600	25.1	23.2 - 27.0	116,400
Obese before pregnancy	♦	17.1	11.6 - 22.7	7,000	20.0	18.3 - 21.8	92,800
Inadequate weight gain during pregnancy	♦	19.1	13.0 - 25.2	6,900	17.9	16.0 - 19.7	68,000
Excessive weight gain during pregnancy	✓	35.4	27.8 - 42.9	12,700	43.5	41.2 - 45.9	165,800
Food insecurity during pregnancy	✓	12.2	8.7 - 15.7	5,400	18.8	17.2 - 20.4	93,900
Intimate Partner Violence (IPV) and Depression							
Physical IPV in the year before pregnancy		*			2.8	2.1 - 3.5	14,200
Physical or psychological IPV during pregnancy	♦	7.8	4.4 - 11.1	3,400	7.3	6.3 - 8.4	36,400
Prenatal depression	✓	9.2	5.7 - 12.6	4,000	15.0	13.5 - 16.4	74,700
Postpartum depression	♦	13.8	8.9 - 18.7	6,100	13.4	11.9 - 14.8	66,900
Hardships and Support during Pregnancy							
Had "a lot" of unpaid bills	♦	18.7	13.4 - 24.0	8,100	21.5	19.8 - 23.1	106,800
Moved	♦	30.9	24.4 - 37.5	13,500	28.8	27.0 - 30.7	143,700
Woman or partner lost job	♦	18.9	13.6 - 24.2	8,200	19.7	18.1 - 21.4	97,700
Became separated or divorced	♦	7.2	4.0 - 10.4	3,100	8.1	6.9 - 9.2	40,200
Had no practical or emotional support	♦	4.0	1.5 - 6.5	1,800	5.8	4.8 - 6.7	28,800
Substance Use							
Any smoking, 3 months before pregnancy	♦	14.5	9.6 - 19.3	6,300	12.5	11.2 - 13.7	62,000
Any smoking, 1st or 3rd trimester	♦	7.1	3.7 - 10.6	3,100	5.6	4.9 - 6.4	28,100
Any binge drinking, 3 months before pregnancy	♦	17.9	12.1 - 23.6	7,700	15.0	13.5 - 16.5	74,200
Any alcohol use, 1st or 3rd trimester	✗	17.2	11.6 - 22.7	7,600	12.1	10.8 - 13.4	60,400
Postpartum Discussions with Provider							
Discussed birth spacing	♦	37.8	30.0 - 45.6	13,700	39.4	37.1 - 41.7	158,400
Discussed postpartum birth control	♦	90.4	86.7 - 94.1	39,400	87.6	86.0 - 89.1	432,900
Infant Sleep and Breastfeeding							
Placed infant on back to sleep	♦	77.3	71.1 - 83.5	32,200	74.4	72.5 - 76.4	360,100
Intended to breastfeed, before birth	♦	94.4	91.2 - 97.6	40,300	91.3	90.2 - 92.5	449,300
Intended to breastfeed exclusively, before birth	✓	70.7	64.6 - 76.7	30,200	60.6	58.6 - 62.6	298,200
Breastfeeding practices							
Any breastfeeding, 1 month after delivery	✓	85.5	80.7 - 90.2	36,100	77.7	76.0 - 79.4	380,600
Exclusive breastfeeding, 1 month after delivery	✓	57.8	51.0 - 64.7	24,500	46.4	44.4 - 48.4	227,200
Any breastfeeding, 3 months after delivery	✓	72.0	64.9 - 79.1	21,900	59.5	57.0 - 61.9	211,000
Exclusive breastfeeding, 3 months after delivery	✓	39.9	31.5 - 48.3	12,100	31.6	29.4 - 33.8	112,100
Health Care Utilization and Coverage							
Mom uninsured before pregnancy	♦	20.2	15.5 - 24.9	8,700	20.4	18.8 - 22.0	100,400
Had a usual source of pre-pregnancy care	♦	69.5	63.3 - 75.7	30,600	72.8	71.0 - 74.6	363,300
Initiated prenatal care in 1st trimester	♦	88.8	84.6 - 93.0	39,100	89.1	87.8 - 90.4	441,600
Had a postpartum medical visit	♦	87.2	82.8 - 91.6	38,200	85.9	84.4 - 87.3	427,300
Mom or infant needed but couldn't afford care postpartum	✓	9.7	6.4 - 13.0	4,100	14.0	12.5 - 15.5	68,600

MIHA Snapshot, San Diego County 2010

Maternal and Infant Health Assessment (MIHA) Survey

	San Diego County			California		
	%	95% CI	Population Estimate	%	95% CI	Population Estimate
Public Program Participation						
Participated in WIC during pregnancy	46.7	42.5 - 50.9	20,500	55.1	54.1 - 56.2	275,400
Received CalFresh (food stamps) during pregnancy	14.6	10.9 - 18.2	6,400	22.4	20.9 - 24.0	111,700
Health Insurance Coverage						
Pre-pregnancy insurance						
Medi-Cal	20.2	15.9 - 24.6	8,800	29.7	28.0 - 31.5	146,300
Uninsured	20.2	15.5 - 24.9	8,700	20.4	18.8 - 22.0	100,400
Private or other	59.6	54.4 - 64.9	25,800	49.8	48.3 - 51.4	245,200
Prenatal insurance						
Medi-Cal	35.8	31.3 - 40.3	15,700	52.0	50.5 - 53.5	259,800
Uninsured	2.9	0.8 - 5.0	1,300	2.9	2.2 - 3.7	14,700
Private or other	61.2	56.6 - 65.9	26,900	45.1	43.7 - 46.5	225,100
Maternal postpartum insurance						
Medi-Cal	20.9	16.9 - 24.9	8,900	35.3	33.6 - 37.1	173,600
Uninsured	16.8	12.2 - 21.4	7,200	17.3	15.7 - 18.8	84,900
Private or other	62.3	57.2 - 67.4	26,600	47.4	45.9 - 48.9	232,900
Infant health insurance						
Medi-Cal	33.3	28.6 - 38.0	14,000	49.0	47.3 - 50.6	237,900
Healthy Families	6.3	2.4 - 10.1	2,600	3.8	3.1 - 4.6	18,600
Uninsured	3.0	1.1 - 4.8	1,200	3.4	2.5 - 4.3	16,700
Private or other	57.5	51.9 - 63.0	24,200	43.8	42.3 - 45.3	212,800
Maternal Demographics						
Age						
15-19	3.7	1.9 - 5.5	1,600	8.9	7.7 - 10.0	44,400
20-34	76.0	69.8 - 82.1	33,500	71.8	69.9 - 73.8	360,000
35+	20.4	14.4 - 26.3	9,000	19.3	17.6 - 21.0	96,800
Did not complete high school (or GED)	14.5	10.5 - 18.4	6,400	20.4	18.8 - 22.0	101,900
Unmarried	34.6	28.8 - 40.4	15,200	42.7	40.9 - 44.6	213,500
Race/Ethnicity						
Hispanic	46.4	39.6 - 53.1	19,200	50.6	48.9 - 52.2	249,000
Black	4.8	3.9 - 5.7	2,000	6.0	5.8 - 6.2	29,500
White	37.4	30.5 - 44.3	15,500	29.3	27.8 - 30.8	144,200
Asian/Pacific Islander	11.4	6.0 - 16.8	4,700	13.7	12.2 - 15.2	67,600
Nativity and Language						
Born outside the U.S.	36.8	30.2 - 43.3	16,200	41.4	39.4 - 43.3	207,300
Speaks non-English language at home	30.3	24.2 - 36.5	13,300	33.5	31.6 - 35.5	167,000
Income as a percent of the Federal Poverty Guideline						
0-100%	34.0	28.4 - 39.5	14,100	44.0	42.3 - 45.7	206,700
101-200%	21.4	15.8 - 26.9	8,900	20.0	18.3 - 21.7	94,100
201-300%	10.7	5.9 - 15.4	4,400	8.0	7.0 - 9.1	37,800
301-400%	6.3	2.6 - 10.0	2,600	6.5	5.6 - 7.4	30,400
>400%	27.7	21.2 - 34.2	11,500	21.5	20.1 - 22.8	100,800

* Due to frequency < 10 women, data are not presented.

Notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010, with a sample size of 6,817. Percent (%), 95% confidence interval (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 in California and region in 2010. 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). Statistical comparisons were not conducted for demographics, health insurance, or public program participation. Prior low birth weight (<2,500 g) or preterm delivery (<37 weeks gestation) is presented for all women. More information on MIHA and the indicators above is on the MIHA website.

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*** .

MIHA Snapshot, San Francisco County 2010

Maternal and Infant Health Assessment (MIHA) Survey

MATERNAL, CHILD & ADOLESCENT HEALTH
California Department of Public Health

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

		San Francisco County			California		
		%	95% CI	Population Estimate	%	95% CI	Population Estimate
Prior Poor Birth Outcomes							
Prior low birth weight or preterm delivery	✓	4.6	2.2 - 7.0	400	9.6	8.4 - 10.9	48,100
Prior delivery by c-section	✓	9.2	4.8 - 13.6	800	16.6	14.9 - 18.3	83,200
Health Status							
In excellent/good health before pregnancy	✓	95.1	93.3 - 97.0	8,200	89.0	87.7 - 90.4	445,300
Chronic conditions before or during pregnancy							
Diabetes or gestational diabetes	✓	7.0	3.5 - 10.4	600	12.1	10.7 - 13.4	60,200
Hypertension, preeclampsia or eclampsia	♦	10.8	6.6 - 15.0	900	10.0	8.8 - 11.3	49,100
Asthma	♦	5.2	2.1 - 8.4	400	7.1	6.2 - 8.0	35,300
Nutrition and Weight							
Daily folic acid use, month before pregnancy	✓	44.6	37.1 - 52.1	3,800	33.1	31.2 - 35.0	165,500
Overweight before pregnancy	✓	14.0	8.8 - 19.2	1,100	25.1	23.2 - 27.0	116,400
Obese before pregnancy	✓	9.6	5.7 - 13.6	800	20.0	18.3 - 21.8	92,800
Inadequate weight gain during pregnancy	♦	14.3	8.8 - 19.8	1,000	17.9	16.0 - 19.7	68,000
Excessive weight gain during pregnancy	♦	39.9	31.6 - 48.1	2,900	43.5	41.2 - 45.9	165,800
Food insecurity during pregnancy	✓	9.6	7.1 - 12.1	800	18.8	17.2 - 20.4	93,900
Intimate Partner Violence (IPV) and Depression							
Physical IPV in the year before pregnancy		*			2.8	2.1 - 3.5	14,200
Physical or psychological IPV during pregnancy		*			7.3	6.3 - 8.4	36,400
Prenatal depression	✓	9.1	5.7 - 12.5	800	15.0	13.5 - 16.4	74,700
Postpartum depression	✓	5.6	2.6 - 8.6	500	13.4	11.9 - 14.8	66,900
Hardships and Support during Pregnancy							
Had "a lot" of unpaid bills	✓	8.7	5.8 - 11.5	700	21.5	19.8 - 23.1	106,800
Moved	✓	20.6	14.7 - 26.4	1,800	28.8	27.0 - 30.7	143,700
Woman or partner lost job	♦	18.7	13.4 - 24.0	1,600	19.7	18.1 - 21.4	97,700
Became separated or divorced	✓	3.4	1.7 - 5.0	300	8.1	6.9 - 9.2	40,200
Had no practical or emotional support	♦	5.7	2.1 - 9.3	500	5.8	4.8 - 6.7	28,800
Substance Use							
Any smoking, 3 months before pregnancy	♦	10.8	6.8 - 14.8	900	12.5	11.2 - 13.7	62,000
Any smoking, 1st or 3rd trimester	♦	5.1	2.5 - 7.8	400	5.6	4.9 - 6.4	28,100
Any binge drinking, 3 months before pregnancy	♦	18.6	12.6 - 24.7	1,600	15.0	13.5 - 16.5	74,200
Any alcohol use, 1st or 3rd trimester	✗	32.9	25.7 - 40.1	2,800	12.1	10.8 - 13.4	60,400
Postpartum Discussions with Provider							
Discussed birth spacing	♦	46.2	38.0 - 54.3	3,400	39.4	37.1 - 41.7	158,400
Discussed postpartum birth control	♦	91.7	87.4 - 96.0	7,800	87.6	86.0 - 89.1	432,900
Infant Sleep and Breastfeeding							
Placed infant on back to sleep	✓	84.6	79.5 - 89.7	7,200	74.4	72.5 - 76.4	360,100
Intended to breastfeed, before birth	✓	98.1	97.0 - 99.3	8,400	91.3	90.2 - 92.5	449,300
Intended to breastfeed exclusively, before birth	✓	71.6	65.0 - 78.2	6,100	60.6	58.6 - 62.6	298,200
Breastfeeding practices							
Any breastfeeding, 1 month after delivery	✓	93.1	90.7 - 95.6	8,000	77.7	76.0 - 79.4	380,600
Exclusive breastfeeding, 1 month after delivery	✓	60.5	53.4 - 67.7	5,200	46.4	44.4 - 48.4	227,200
Any breastfeeding, 3 months after delivery	✓	84.3	79.1 - 89.5	5,500	59.5	57.0 - 61.9	211,000
Exclusive breastfeeding, 3 months after delivery	✓	49.1	40.6 - 57.6	3,200	31.6	29.4 - 33.8	112,100
Health Care Utilization and Coverage							
Mom uninsured before pregnancy	✓	10.4	8.0 - 12.7	900	20.4	18.8 - 22.0	100,400
Had a usual source of pre-pregnancy care	♦	78.3	72.7 - 83.8	6,700	72.8	71.0 - 74.6	363,300
Initiated prenatal care in 1st trimester	✓	93.7	90.9 - 96.4	7,700	89.1	87.8 - 90.4	441,600
Had a postpartum medical visit	✓	91.0	87.5 - 94.5	7,800	85.9	84.4 - 87.3	427,300
Mom or infant needed but couldn't afford care postpartum	✓	5.7	4.0 - 7.4	500	14.0	12.5 - 15.5	68,600

MIHA Snapshot, San Francisco County 2010

Maternal and Infant Health Assessment (MIHA) Survey

	San Francisco County			California		
	%	95% CI	Population Estimate	%	95% CI	Population Estimate
Public Program Participation						
Participated in WIC during pregnancy	31.2	26.9 - 35.4	2,700	55.1	54.1 - 56.2	275,400
Received CalFresh (food stamps) during pregnancy	9.8	7.5 - 12.1	800	22.4	20.9 - 24.0	111,700
Health Insurance Coverage						
Pre-pregnancy insurance						
Medi-Cal	17.6	13.6 - 21.7	1,500	29.7	28.0 - 31.5	146,300
Uninsured	10.4	8.0 - 12.7	900	20.4	18.8 - 22.0	100,400
Private or other	72.0	68.1 - 75.9	6,100	49.8	48.3 - 51.4	245,200
Prenatal insurance						
Medi-Cal	31.5	27.3 - 35.7	2,700	52.0	50.5 - 53.5	259,800
Uninsured	*			2.9	2.2 - 3.7	14,700
Private or other	65.7	61.4 - 70.1	5,600	45.1	43.7 - 46.5	225,100
Maternal postpartum insurance						
Medi-Cal	24.2	19.8 - 28.6	2,100	35.3	33.6 - 37.1	173,600
Uninsured	8.4	5.6 - 11.2	700	17.3	15.7 - 18.8	84,900
Private or other	67.4	62.8 - 72.0	5,800	47.4	45.9 - 48.9	232,900
Infant health insurance						
Medi-Cal	27.3	23.8 - 30.8	2,300	49.0	47.3 - 50.6	237,900
Healthy Families	3.2	1.9 - 4.6	300	3.8	3.1 - 4.6	18,600
Uninsured	*			3.4	2.5 - 4.3	16,700
Private or other	67.4	63.6 - 71.1	5,700	43.8	42.3 - 45.3	212,800
Maternal Demographics						
Age						
15-19	*			8.9	7.7 - 10.0	44,400
20-34	59.3	52.0 - 66.7	5,100	71.8	69.9 - 73.8	360,000
35+	38.7	31.4 - 46.1	3,300	19.3	17.6 - 21.0	96,800
Did not complete high school (or GED)	12.4	9.3 - 15.4	1,100	20.4	18.8 - 22.0	101,900
Unmarried	25.6	20.7 - 30.5	2,200	42.7	40.9 - 44.6	213,500
Race/Ethnicity						
Hispanic	21.7	17.1 - 26.3	1,900	50.6	48.9 - 52.2	249,000
Black	5.9	5.3 - 6.5	500	6.0	5.8 - 6.2	29,500
White	36.5	29.3 - 43.6	3,100	29.3	27.8 - 30.8	144,200
Asian/Pacific Islander	35.9	28.4 - 43.4	3,100	13.7	12.2 - 15.2	67,600
Nativity and Language						
Born outside the U.S.	50.3	43.0 - 57.6	4,300	41.4	39.4 - 43.3	207,300
Speaks non-English language at home	31.4	25.3 - 37.4	2,600	33.5	31.6 - 35.5	167,000
Income as a percent of the Federal Poverty Guideline						
0-100%	26.2	21.8 - 30.6	2,100	44.0	42.3 - 45.7	206,700
101-200%	12.8	8.0 - 17.6	1,000	20.0	18.3 - 21.7	94,100
201-300%	5.5	2.0 - 9.0	400	8.0	7.0 - 9.1	37,800
301-400%	*			6.5	5.6 - 7.4	30,400
>400%	50.8	44.2 - 57.3	4,100	21.5	20.1 - 22.8	100,800

* Due to frequency < 10 women, data are not presented.

Notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010, with a sample size of 6,817. Percent (%), 95% confidence interval (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 in California and county in 2010. Symbols indicate whether the health indicator in the county was statistically different from the rest of the state (p-value <0.05, chi-square test). Statistical comparisons were not conducted for demographics, health insurance, or public program participation. Prior low birth weight (<2,500 g) or preterm delivery (<37 weeks gestation) is presented for all women. More information on MIHA and the indicators above is on the MIHA website.

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*** .

MIHA Snapshot, San Joaquin County 2010

Maternal and Infant Health Assessment (MIHA) Survey

MATERNAL, CHILD & ADOLESCENT HEALTH
California Department of Public Health

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

		San Joaquin County			California		
		%	95% CI	Population Estimate	%	95% CI	Population Estimate
Prior Poor Birth Outcomes							
Prior low birth weight or preterm delivery	♦	12.2	7.8 - 16.6	1,300	9.6	8.4 - 10.9	48,100
Prior delivery by c-section	♦	18.6	13.4 - 23.8	1,900	16.6	14.9 - 18.3	83,200
Health Status							
In excellent/good health before pregnancy	♦	85.2	80.5 - 90.0	8,900	89.0	87.7 - 90.4	445,300
Chronic conditions before or during pregnancy							
Diabetes or gestational diabetes	✗	19.0	13.9 - 24.1	2,000	12.1	10.7 - 13.4	60,200
Hypertension, preeclampsia or eclampsia	♦	9.8	5.7 - 13.8	1,000	10.0	8.8 - 11.3	49,100
Asthma	♦	9.8	5.9 - 13.7	1,000	7.1	6.2 - 8.0	35,300
Nutrition and Weight							
Daily folic acid use, month before pregnancy	♦	29.5	23.7 - 35.4	3,100	33.1	31.2 - 35.0	165,500
Overweight before pregnancy	♦	19.3	14.0 - 24.7	1,800	25.1	23.2 - 27.0	116,400
Obese before pregnancy	♦	22.1	16.3 - 27.9	2,100	20.0	18.3 - 21.8	92,800
Inadequate weight gain during pregnancy	✗	24.6	17.7 - 31.6	2,000	17.9	16.0 - 19.7	68,000
Excessive weight gain during pregnancy	♦	44.2	36.7 - 51.7	3,600	43.5	41.2 - 45.9	165,800
Food insecurity during pregnancy	✗	25.3	19.6 - 30.9	2,600	18.8	17.2 - 20.4	93,900
Intimate Partner Violence (IPV) and Depression							
Physical IPV in the year before pregnancy	♦	4.9	2.1 - 7.8	500	2.8	2.1 - 3.5	14,200
Physical or psychological IPV during pregnancy	✗	14.0	9.4 - 18.6	1,400	7.3	6.3 - 8.4	36,400
Prenatal depression	♦	16.9	11.5 - 22.4	1,800	15.0	13.5 - 16.4	74,700
Postpartum depression	♦	13.1	8.6 - 17.5	1,400	13.4	11.9 - 14.8	66,900
Hardships and Support during Pregnancy							
Had "a lot" of unpaid bills	♦	24.8	19.1 - 30.5	2,600	21.5	19.8 - 23.1	106,800
Moved	♦	34.6	28.3 - 41.0	3,600	28.8	27.0 - 30.7	143,700
Woman or partner lost job	♦	21.3	15.5 - 27.1	2,200	19.7	18.1 - 21.4	97,700
Became separated or divorced	♦	8.2	4.6 - 11.8	800	8.1	6.9 - 9.2	40,200
Had no practical or emotional support	♦	5.1	2.1 - 8.0	500	5.8	4.8 - 6.7	28,800
Substance Use							
Any smoking, 3 months before pregnancy	♦	14.8	10.2 - 19.4	1,500	12.5	11.2 - 13.7	62,000
Any smoking, 1st or 3rd trimester	♦	7.3	3.8 - 10.7	700	5.6	4.9 - 6.4	28,100
Any binge drinking, 3 months before pregnancy	♦	12.3	7.9 - 16.8	1,300	15.0	13.5 - 16.5	74,200
Any alcohol use, 1st or 3rd trimester	✓	7.1	3.8 - 10.5	700	12.1	10.8 - 13.4	60,400
Postpartum Discussions with Provider							
Discussed birth spacing	♦	38.0	30.9 - 45.2	3,200	39.4	37.1 - 41.7	158,400
Discussed postpartum birth control	✓	93.0	89.6 - 96.3	9,600	87.6	86.0 - 89.1	432,900
Infant Sleep and Breastfeeding							
Placed infant on back to sleep	♦	75.7	69.9 - 81.4	7,600	74.4	72.5 - 76.4	360,100
Intended to breastfeed, before birth	✗	85.3	80.4 - 90.2	8,700	91.3	90.2 - 92.5	449,300
Intended to breastfeed exclusively, before birth	♦	60.7	54.2 - 67.2	6,200	60.6	58.6 - 62.6	298,200
Breastfeeding practices							
Any breastfeeding, 1 month after delivery	♦	77.1	71.5 - 82.8	7,900	77.7	76.0 - 79.4	380,600
Exclusive breastfeeding, 1 month after delivery	♦	46.1	39.4 - 52.8	4,700	46.4	44.4 - 48.4	227,200
Any breastfeeding, 3 months after delivery	♦	56.8	48.7 - 64.9	3,900	59.5	57.0 - 61.9	211,000
Exclusive breastfeeding, 3 months after delivery	♦	28.3	20.7 - 36.0	2,000	31.6	29.4 - 33.8	112,100
Health Care Utilization and Coverage							
Mom uninsured before pregnancy	♦	17.3	12.4 - 22.3	1,800	20.4	18.8 - 22.0	100,400
Had a usual source of pre-pregnancy care	♦	76.2	70.6 - 81.8	7,900	72.8	71.0 - 74.6	363,300
Initiated prenatal care in 1st trimester	♦	90.9	87.0 - 94.8	9,300	89.1	87.8 - 90.4	441,600
Had a postpartum medical visit	♦	82.3	76.9 - 87.7	8,500	85.9	84.4 - 87.3	427,300
Mom or infant needed but couldn't afford care postpartum	♦	15.8	10.9 - 20.7	1,600	14.0	12.5 - 15.5	68,600

MIHA Snapshot, San Joaquin County 2010

Maternal and Infant Health Assessment (MIHA) Survey

	San Joaquin County			California		
	%	95% CI	Population Estimate	%	95% CI	Population Estimate
Public Program Participation						
Participated in WIC during pregnancy	63.9	61.2 - 66.6	6,600	55.1	54.1 - 56.2	275,400
Received CalFresh (food stamps) during pregnancy	31.6	25.8 - 37.5	3,300	22.4	20.9 - 24.0	111,700
Health Insurance Coverage						
Pre-pregnancy insurance						
Medi-Cal	37.5	31.3 - 43.7	3,900	29.7	28.0 - 31.5	146,300
Uninsured	17.3	12.4 - 22.3	1,800	20.4	18.8 - 22.0	100,400
Private or other	45.2	39.6 - 50.8	4,700	49.8	48.3 - 51.4	245,200
Prenatal insurance						
Medi-Cal	59.8	54.7 - 64.9	6,200	52.0	50.5 - 53.5	259,800
Uninsured	*			2.9	2.2 - 3.7	14,700
Private or other	37.9	32.9 - 42.9	3,900	45.1	43.7 - 46.5	225,100
Maternal postpartum insurance						
Medi-Cal	43.0	37.0 - 49.0	4,500	35.3	33.6 - 37.1	173,600
Uninsured	16.4	11.6 - 21.1	1,700	17.3	15.7 - 18.8	84,900
Private or other	40.7	35.7 - 45.6	4,200	47.4	45.9 - 48.9	232,900
Infant health insurance						
Medi-Cal	56.3	51.0 - 61.5	5,700	49.0	47.3 - 50.6	237,900
Healthy Families	*			3.8	3.1 - 4.6	18,600
Uninsured	*			3.4	2.5 - 4.3	16,700
Private or other	39.1	34.0 - 44.1	4,000	43.8	42.3 - 45.3	212,800
Maternal Demographics						
Age						
15-19	10.9	7.0 - 14.8	1,100	8.9	7.7 - 10.0	44,400
20-34	73.0	67.3 - 78.7	7,600	71.8	69.9 - 73.8	360,000
35+	16.1	11.5 - 20.7	1,700	19.3	17.6 - 21.0	96,800
Did not complete high school (or GED)	27.5	21.5 - 33.4	2,900	20.4	18.8 - 22.0	101,900
Unmarried	43.8	37.8 - 49.7	4,600	42.7	40.9 - 44.6	213,500
Race/Ethnicity						
Hispanic	47.8	41.8 - 53.8	4,900	50.6	48.9 - 52.2	249,000
Black	8.4	7.7 - 9.2	900	6.0	5.8 - 6.2	29,500
White	25.6	20.5 - 30.7	2,600	29.3	27.8 - 30.8	144,200
Asian/Pacific Islander	17.1	11.7 - 22.5	1,800	13.7	12.2 - 15.2	67,600
Nativity and Language						
Born outside the U.S.	37.9	31.5 - 44.2	4,000	41.4	39.4 - 43.3	207,300
Speaks non-English language at home	33.6	27.4 - 39.7	3,400	33.5	31.6 - 35.5	167,000
Income as a percent of the Federal Poverty Guideline						
0-100%	50.3	44.5 - 56.1	4,900	44.0	42.3 - 45.7	206,700
101-200%	19.0	13.5 - 24.4	1,900	20.0	18.3 - 21.7	94,100
201-300%	9.0	5.5 - 12.5	900	8.0	7.0 - 9.1	37,800
301-400%	8.0	4.4 - 11.7	800	6.5	5.6 - 7.4	30,400
>400%	13.7	10.1 - 17.4	1,300	21.5	20.1 - 22.8	100,800

* Due to frequency < 10 women, data are not presented.

Notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010, with a sample size of 6,817. Percent (%), 95% confidence interval (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 in California and county in 2010. Symbols indicate whether the health indicator in the county was statistically different from the rest of the state (p-value <0.05, chi-square test). Statistical comparisons were not conducted for demographics, health insurance, or public program participation. Prior low birth weight (<2,500 g) or preterm delivery (<37 weeks gestation) is presented for all women. More information on MIHA and the indicators above is on the MIHA website.

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*** .

MIHA Snapshot, San Mateo County 2010

Maternal and Infant Health Assessment (MIHA) Survey

MATERNAL, CHILD & ADOLESCENT HEALTH
California Department of Public Health

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

		San Mateo County			California		
		%	95% CI	Population Estimate	%	95% CI	Population Estimate
Prior Poor Birth Outcomes							
Prior low birth weight or preterm delivery	♦	13.7	8.2 - 19.1	1,200	9.6	8.4 - 10.9	48,100
Prior delivery by c-section	♦	13.1	7.7 - 18.5	1,200	16.6	14.9 - 18.3	83,200
Health Status							
In excellent/good health before pregnancy	♦	91.1	87.1 - 95.0	8,200	89.0	87.7 - 90.4	445,300
Chronic conditions before or during pregnancy							
Diabetes or gestational diabetes	✗	18.8	12.7 - 24.9	1,700	12.1	10.7 - 13.4	60,200
Hypertension, preeclampsia or eclampsia	♦	11.3	6.2 - 16.4	1,000	10.0	8.8 - 11.3	49,100
Asthma	♦	5.6	2.2 - 9.0	500	7.1	6.2 - 8.0	35,300
Nutrition and Weight							
Daily folic acid use, month before pregnancy	♦	36.1	28.4 - 43.7	3,200	33.1	31.2 - 35.0	165,500
Overweight before pregnancy	✓	17.1	11.1 - 23.1	1,500	25.1	23.2 - 27.0	116,400
Obese before pregnancy	♦	14.1	9.0 - 19.3	1,200	20.0	18.3 - 21.8	92,800
Inadequate weight gain during pregnancy	♦	15.2	9.5 - 21.0	1,100	17.9	16.0 - 19.7	68,000
Excessive weight gain during pregnancy	✓	32.9	24.5 - 41.3	2,400	43.5	41.2 - 45.9	165,800
Food insecurity during pregnancy	✓	11.7	9.2 - 14.3	1,000	18.8	17.2 - 20.4	93,900
Intimate Partner Violence (IPV) and Depression							
Physical IPV in the year before pregnancy		*			2.8	2.1 - 3.5	14,200
Physical or psychological IPV during pregnancy	✓	2.9	1.4 - 4.5	300	7.3	6.3 - 8.4	36,400
Prenatal depression	♦	11.5	7.0 - 16.0	1,000	15.0	13.5 - 16.4	74,700
Postpartum depression	♦	9.4	4.8 - 13.9	800	13.4	11.9 - 14.8	66,900
Hardships and Support during Pregnancy							
Had "a lot" of unpaid bills	✓	10.9	8.0 - 13.9	1,000	21.5	19.8 - 23.1	106,800
Moved	♦	23.7	17.0 - 30.3	2,100	28.8	27.0 - 30.7	143,700
Woman or partner lost job	♦	17.7	12.6 - 22.8	1,600	19.7	18.1 - 21.4	97,700
Became separated or divorced	✓	2.5	1.2 - 3.7	200	8.1	6.9 - 9.2	40,200
Had no practical or emotional support	♦	4.2	2.6 - 5.9	400	5.8	4.8 - 6.7	28,800
Substance Use							
Any smoking, 3 months before pregnancy	✓	6.3	2.9 - 9.6	600	12.5	11.2 - 13.7	62,000
Any smoking, 1st or 3rd trimester		*			5.6	4.9 - 6.4	28,100
Any binge drinking, 3 months before pregnancy	♦	9.5	5.1 - 14.0	800	15.0	13.5 - 16.5	74,200
Any alcohol use, 1st or 3rd trimester	♦	16.0	9.9 - 22.1	1,400	12.1	10.8 - 13.4	60,400
Postpartum Discussions with Provider							
Discussed birth spacing	♦	36.2	27.5 - 44.9	2,500	39.4	37.1 - 41.7	158,400
Discussed postpartum birth control	♦	89.8	85.1 - 94.4	7,700	87.6	86.0 - 89.1	432,900
Infant Sleep and Breastfeeding							
Placed infant on back to sleep	✓	81.9	75.8 - 88.0	7,200	74.4	72.5 - 76.4	360,100
Intended to breastfeed, before birth	✓	96.7	94.4 - 99.0	8,700	91.3	90.2 - 92.5	449,300
Intended to breastfeed exclusively, before birth	♦	66.4	59.4 - 73.4	6,000	60.6	58.6 - 62.6	298,200
Breastfeeding practices							
Any breastfeeding, 1 month after delivery	✓	89.0	84.7 - 93.4	8,000	77.7	76.0 - 79.4	380,600
Exclusive breastfeeding, 1 month after delivery	✓	55.4	47.5 - 63.2	5,000	46.4	44.4 - 48.4	227,200
Any breastfeeding, 3 months after delivery	✓	78.0	70.9 - 85.0	4,200	59.5	57.0 - 61.9	211,000
Exclusive breastfeeding, 3 months after delivery	✓	51.6	42.3 - 60.8	2,800	31.6	29.4 - 33.8	112,100
Health Care Utilization and Coverage							
Mom uninsured before pregnancy	✓	14.2	11.5 - 16.8	1,300	20.4	18.8 - 22.0	100,400
Had a usual source of pre-pregnancy care	♦	73.1	66.8 - 79.4	6,500	72.8	71.0 - 74.6	363,300
Initiated prenatal care in 1st trimester	♦	91.0	87.2 - 94.8	8,100	89.1	87.8 - 90.4	441,600
Had a postpartum medical visit	✓	91.2	87.5 - 94.8	7,900	85.9	84.4 - 87.3	427,300
Mom or infant needed but couldn't afford care postpartum	✓	8.2	5.0 - 11.3	700	14.0	12.5 - 15.5	68,600

MIHA Snapshot, San Mateo County 2010

Maternal and Infant Health Assessment (MIHA) Survey

	San Mateo County			California		
	%	95% CI	Population Estimate	%	95% CI	Population Estimate
Public Program Participation						
Participated in WIC during pregnancy	31.4	27.9 - 34.8	2,800	55.1	54.1 - 56.2	275,400
Received CalFresh (food stamps) during pregnancy	10.4	7.9 - 12.9	900	22.4	20.9 - 24.0	111,700
Health Insurance Coverage						
Pre-pregnancy insurance						
Medi-Cal	17.2	12.7 - 21.6	1,500	29.7	28.0 - 31.5	146,300
Uninsured	14.2	11.5 - 16.8	1,300	20.4	18.8 - 22.0	100,400
Private or other	68.7	64.5 - 72.8	6,100	49.8	48.3 - 51.4	245,200
Prenatal insurance						
Medi-Cal	34.8	30.5 - 39.1	3,100	52.0	50.5 - 53.5	259,800
Uninsured	*			2.9	2.2 - 3.7	14,700
Private or other	63.9	59.7 - 68.1	5,700	45.1	43.7 - 46.5	225,100
Maternal postpartum insurance						
Medi-Cal	19.0	16.2 - 21.9	1,600	35.3	33.6 - 37.1	173,600
Uninsured	11.9	8.3 - 15.5	1,000	17.3	15.7 - 18.8	84,900
Private or other	69.1	65.7 - 72.4	5,900	47.4	45.9 - 48.9	232,900
Infant health insurance						
Medi-Cal	27.1	25.0 - 29.3	2,400	49.0	47.3 - 50.6	237,900
Healthy Families	3.7	1.4 - 6.0	300	3.8	3.1 - 4.6	18,600
Uninsured	*			3.4	2.5 - 4.3	16,700
Private or other	67.8	64.9 - 70.6	6,100	43.8	42.3 - 45.3	212,800
Maternal Demographics						
Age						
15-19	3.5	2.0 - 5.0	300	8.9	7.7 - 10.0	44,400
20-34	62.9	55.2 - 70.7	5,700	71.8	69.9 - 73.8	360,000
35+	33.6	25.9 - 41.2	3,000	19.3	17.6 - 21.0	96,800
Did not complete high school (or GED)	11.3	8.4 - 14.3	1,000	20.4	18.8 - 22.0	101,900
Unmarried	28.0	22.9 - 33.0	2,500	42.7	40.9 - 44.6	213,500
Race/Ethnicity						
Hispanic	29.3	22.4 - 36.2	2,300	50.6	48.9 - 52.2	249,000
Black	2.3	2.1 - 2.4	200	6.0	5.8 - 6.2	29,500
White	26.8	18.8 - 34.8	2,100	29.3	27.8 - 30.8	144,200
Asian/Pacific Islander	41.6	32.8 - 50.5	3,200	13.7	12.2 - 15.2	67,600
Nativity and Language						
Born outside the U.S.	52.6	44.8 - 60.5	4,700	41.4	39.4 - 43.3	207,300
Speaks non-English language at home	38.2	30.8 - 45.6	3,400	33.5	31.6 - 35.5	167,000
Income as a percent of the Federal Poverty Guideline						
0-100%	27.7	23.3 - 32.2	2,300	44.0	42.3 - 45.7	206,700
101-200%	15.9	10.4 - 21.4	1,300	20.0	18.3 - 21.7	94,100
201-300%	*			8.0	7.0 - 9.1	37,800
301-400%	*			6.5	5.6 - 7.4	30,400
>400%	47.0	39.7 - 54.3	3,900	21.5	20.1 - 22.8	100,800

* Due to frequency < 10 women, data are not presented.

Notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010, with a sample size of 6,817. Percent (%), 95% confidence interval (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 in California and county in 2010. Symbols indicate whether the health indicator in the county was statistically different from the rest of the state (p-value <0.05, chi-square test). Statistical comparisons were not conducted for demographics, health insurance, or public program participation. Prior low birth weight (<2,500 g) or preterm delivery (<37 weeks gestation) is presented for all women. More information on MIHA and the indicators above is on the MIHA website.

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*** .

MIHA Snapshot, Santa Barbara County 2010

Maternal and Infant Health Assessment (MIHA) Survey

MATERNAL, CHILD & ADOLESCENT HEALTH
California Department of Public Health

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

		Santa Barbara County			California		
		%	95% CI	Population Estimate	%	95% CI	Population Estimate
Prior Poor Birth Outcomes							
Prior low birth weight or preterm delivery	♦	10.7	6.6 - 14.8	600	9.6	8.4 - 10.9	48,100
Prior delivery by c-section	♦	15.5	10.7 - 20.4	900	16.6	14.9 - 18.3	83,200
Health Status							
In excellent/good health before pregnancy	♦	85.3	80.6 - 90.0	4,900	89.0	87.7 - 90.4	445,300
Chronic conditions before or during pregnancy							
Diabetes or gestational diabetes	♦	13.8	9.0 - 18.6	800	12.1	10.7 - 13.4	60,200
Hypertension, preeclampsia or eclampsia	♦	12.3	8.0 - 16.7	700	10.0	8.8 - 11.3	49,100
Asthma	♦	6.6	2.9 - 10.3	400	7.1	6.2 - 8.0	35,300
Nutrition and Weight							
Daily folic acid use, month before pregnancy	✗	24.8	19.2 - 30.4	1,400	33.1	31.2 - 35.0	165,500
Overweight before pregnancy	♦	25.8	19.4 - 32.1	1,300	25.1	23.2 - 27.0	116,400
Obese before pregnancy	♦	21.1	15.2 - 27.0	1,000	20.0	18.3 - 21.8	92,800
Inadequate weight gain during pregnancy	♦	22.3	15.8 - 28.8	900	17.9	16.0 - 19.7	68,000
Excessive weight gain during pregnancy	♦	38.5	31.1 - 45.9	1,500	43.5	41.2 - 45.9	165,800
Food insecurity during pregnancy	♦	22.1	16.6 - 27.6	1,300	18.8	17.2 - 20.4	93,900
Intimate Partner Violence (IPV) and Depression							
Physical IPV in the year before pregnancy		*			2.8	2.1 - 3.5	14,200
Physical or psychological IPV during pregnancy	♦	8.4	4.7 - 12.2	500	7.3	6.3 - 8.4	36,400
Prenatal depression	✓	8.8	5.0 - 12.6	500	15.0	13.5 - 16.4	74,700
Postpartum depression	♦	12.6	8.0 - 17.2	700	13.4	11.9 - 14.8	66,900
Hardships and Support during Pregnancy							
Had "a lot" of unpaid bills	♦	26.8	20.7 - 32.8	1,500	21.5	19.8 - 23.1	106,800
Moved	♦	25.6	19.8 - 31.3	1,500	28.8	27.0 - 30.7	143,700
Woman or partner lost job	♦	20.4	14.9 - 25.8	1,200	19.7	18.1 - 21.4	97,700
Became separated or divorced	♦	8.5	4.8 - 12.2	500	8.1	6.9 - 9.2	40,200
Had no practical or emotional support	✗	9.6	5.7 - 13.5	500	5.8	4.8 - 6.7	28,800
Substance Use							
Any smoking, 3 months before pregnancy	♦	9.4	5.4 - 13.4	500	12.5	11.2 - 13.7	62,000
Any smoking, 1st or 3rd trimester		*			5.6	4.9 - 6.4	28,100
Any binge drinking, 3 months before pregnancy	♦	12.0	7.8 - 16.2	700	15.0	13.5 - 16.5	74,200
Any alcohol use, 1st or 3rd trimester	♦	13.0	8.7 - 17.3	700	12.1	10.8 - 13.4	60,400
Postpartum Discussions with Provider							
Discussed birth spacing	♦	41.8	34.4 - 49.3	1,900	39.4	37.1 - 41.7	158,400
Discussed postpartum birth control	♦	91.4	87.7 - 95.2	5,200	87.6	86.0 - 89.1	432,900
Infant Sleep and Breastfeeding							
Placed infant on back to sleep	♦	77.8	72.2 - 83.4	4,300	74.4	72.5 - 76.4	360,100
Intended to breastfeed, before birth	✓	98.0	96.2 - 99.8	5,500	91.3	90.2 - 92.5	449,300
Intended to breastfeed exclusively, before birth	♦	67.1	60.9 - 73.4	3,800	60.6	58.6 - 62.6	298,200
Breastfeeding practices							
Any breastfeeding, 1 month after delivery	✓	84.0	79.0 - 89.0	4,800	77.7	76.0 - 79.4	380,600
Exclusive breastfeeding, 1 month after delivery	✓	57.5	50.9 - 64.2	3,200	46.4	44.4 - 48.4	227,200
Any breastfeeding, 3 months after delivery	✓	76.6	69.7 - 83.4	3,200	59.5	57.0 - 61.9	211,000
Exclusive breastfeeding, 3 months after delivery	♦	36.8	29.3 - 44.2	1,500	31.6	29.4 - 33.8	112,100
Health Care Utilization and Coverage							
Mom uninsured before pregnancy	♦	23.7	18.3 - 29.1	1,300	20.4	18.8 - 22.0	100,400
Had a usual source of pre-pregnancy care	♦	73.0	67.2 - 78.8	4,200	72.8	71.0 - 74.6	363,300
Initiated prenatal care in 1st trimester	♦	85.7	80.9 - 90.5	4,900	89.1	87.8 - 90.4	441,600
Had a postpartum medical visit	♦	90.4	86.2 - 94.6	5,100	85.9	84.4 - 87.3	427,300
Mom or infant needed but couldn't afford care postpartum	♦	13.7	9.0 - 18.5	800	14.0	12.5 - 15.5	68,600

MIHA Snapshot, Santa Barbara County 2010

Maternal and Infant Health Assessment (MIHA) Survey

	Santa Barbara County			California		
	%	95% CI	Population Estimate	%	95% CI	Population Estimate
Public Program Participation						
Participated in WIC during pregnancy	62.4	59.6 - 65.2	3,600	55.1	54.1 - 56.2	275,400
Received CalFresh (food stamps) during pregnancy	20.0	14.8 - 25.2	1,100	22.4	20.9 - 24.0	111,700
Health Insurance Coverage						
Pre-pregnancy insurance						
Medi-Cal	26.7	21.0 - 32.3	1,500	29.7	28.0 - 31.5	146,300
Uninsured	23.7	18.3 - 29.1	1,300	20.4	18.8 - 22.0	100,400
Private or other	49.6	44.4 - 54.8	2,800	49.8	48.3 - 51.4	245,200
Prenatal insurance						
Medi-Cal	57.5	52.5 - 62.4	3,300	52.0	50.5 - 53.5	259,800
Uninsured	*			2.9	2.2 - 3.7	14,700
Private or other	38.6	34.1 - 43.2	2,200	45.1	43.7 - 46.5	225,100
Maternal postpartum insurance						
Medi-Cal	38.1	32.2 - 44.0	2,200	35.3	33.6 - 37.1	173,600
Uninsured	20.1	15.0 - 25.3	1,100	17.3	15.7 - 18.8	84,900
Private or other	41.8	36.9 - 46.6	2,400	47.4	45.9 - 48.9	232,900
Infant health insurance						
Medi-Cal	60.4	56.0 - 64.7	3,400	49.0	47.3 - 50.6	237,900
Healthy Families	*			3.8	3.1 - 4.6	18,600
Uninsured	*			3.4	2.5 - 4.3	16,700
Private or other	36.6	32.3 - 40.9	2,000	43.8	42.3 - 45.3	212,800
Maternal Demographics						
Age						
15-19	11.2	7.0 - 15.4	600	8.9	7.7 - 10.0	44,400
20-34	75.4	69.6 - 81.2	4,300	71.8	69.9 - 73.8	360,000
35+	13.4	8.9 - 17.8	800	19.3	17.6 - 21.0	96,800
Did not complete high school (or GED)	25.0	19.7 - 30.4	1,400	20.4	18.8 - 22.0	101,900
Unmarried	44.0	37.9 - 50.0	2,500	42.7	40.9 - 44.6	213,500
Race/Ethnicity						
Hispanic	61.1	55.7 - 66.4	3,500	50.6	48.9 - 52.2	249,000
Black	*			6.0	5.8 - 6.2	29,500
White	34.5	29.2 - 39.9	2,000	29.3	27.8 - 30.8	144,200
Asian/Pacific Islander	*			13.7	12.2 - 15.2	67,600
Nativity and Language						
Born outside the U.S.	45.4	39.2 - 51.7	2,600	41.4	39.4 - 43.3	207,300
Speaks non-English language at home	35.5	29.6 - 41.4	2,000	33.5	31.6 - 35.5	167,000
Income as a percent of the Federal Poverty Guideline						
0-100%	46.7	40.8 - 52.5	2,400	44.0	42.3 - 45.7	206,700
101-200%	21.1	15.3 - 26.9	1,100	20.0	18.3 - 21.7	94,100
201-300%	7.6	4.2 - 11.0	400	8.0	7.0 - 9.1	37,800
301-400%	6.4	3.2 - 9.7	300	6.5	5.6 - 7.4	30,400
>400%	18.2	14.2 - 22.2	900	21.5	20.1 - 22.8	100,800

* Due to frequency < 10 women, data are not presented.

Notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010, with a sample size of 6,817. Percent (%), 95% confidence interval (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 in California and county in 2010. Symbols indicate whether the health indicator in the county was statistically different from the rest of the state (p-value <0.05, chi-square test). Statistical comparisons were not conducted for demographics, health insurance, or public program participation. Prior low birth weight (<2,500 g) or preterm delivery (<37 weeks gestation) is presented for all women. More information on MIHA and the indicators above is on the MIHA website.

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*** .

MIHA Snapshot, Santa Clara County 2010

Maternal and Infant Health Assessment (MIHA) Survey

MATERNAL, CHILD & ADOLESCENT HEALTH
California Department of Public Health

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

		Santa Clara County			California		
		%	95% CI	Population Estimate	%	95% CI	Population Estimate
Prior Poor Birth Outcomes							
Prior low birth weight or preterm delivery	♦	13.9	8.5 - 19.3	3,300	9.6	8.4 - 10.9	48,100
Prior delivery by c-section	♦	13.1	8.3 - 17.9	3,100	16.6	14.9 - 18.3	83,200
Health Status							
In excellent/good health before pregnancy	♦	88.3	83.4 - 93.1	20,700	89.0	87.7 - 90.4	445,300
Chronic conditions before or during pregnancy							
Diabetes or gestational diabetes	♦	16.1	10.9 - 21.4	3,800	12.1	10.7 - 13.4	60,200
Hypertension, preeclampsia or eclampsia	♦	11.3	6.4 - 16.1	2,600	10.0	8.8 - 11.3	49,100
Asthma	♦	7.7	2.9 - 12.4	1,800	7.1	6.2 - 8.0	35,300
Nutrition and Weight							
Daily folic acid use, month before pregnancy	✓	43.4	36.2 - 50.6	10,200	33.1	31.2 - 35.0	165,500
Overweight before pregnancy	♦	25.6	19.1 - 32.1	5,500	25.1	23.2 - 27.0	116,400
Obese before pregnancy	♦	16.1	11.2 - 21.1	3,400	20.0	18.3 - 21.8	92,800
Inadequate weight gain during pregnancy	♦	13.2	8.0 - 18.4	2,500	17.9	16.0 - 19.7	68,000
Excessive weight gain during pregnancy	♦	38.2	30.2 - 46.1	7,200	43.5	41.2 - 45.9	165,800
Food insecurity during pregnancy	♦	16.1	11.9 - 20.4	3,800	18.8	17.2 - 20.4	93,900
Intimate Partner Violence (IPV) and Depression							
Physical IPV in the year before pregnancy	♦	1.8	0.0 - 3.9	400	2.8	2.1 - 3.5	14,200
Physical or psychological IPV during pregnancy	♦	4.7	2.3 - 7.2	1,100	7.3	6.3 - 8.4	36,400
Prenatal depression	♦	12.4	8.1 - 16.7	2,900	15.0	13.5 - 16.4	74,700
Postpartum depression	♦	15.5	10.5 - 20.6	3,600	13.4	11.9 - 14.8	66,900
Hardships and Support during Pregnancy							
Had "a lot" of unpaid bills	✓	15.5	10.7 - 20.2	3,600	21.5	19.8 - 23.1	106,800
Moved	✓	21.0	15.2 - 26.9	4,900	28.8	27.0 - 30.7	143,700
Woman or partner lost job	♦	16.8	12.2 - 21.5	3,900	19.7	18.1 - 21.4	97,700
Became separated or divorced	♦	7.7	4.0 - 11.4	1,800	8.1	6.9 - 9.2	40,200
Had no practical or emotional support	♦	6.0	3.0 - 9.1	1,400	5.8	4.8 - 6.7	28,800
Substance Use							
Any smoking, 3 months before pregnancy	✓	6.0	3.1 - 8.9	1,400	12.5	11.2 - 13.7	62,000
Any smoking, 1st or 3rd trimester	✓	2.0	0.6 - 3.5	500	5.6	4.9 - 6.4	28,100
Any binge drinking, 3 months before pregnancy	♦	12.5	7.6 - 17.5	2,900	15.0	13.5 - 16.5	74,200
Any alcohol use, 1st or 3rd trimester	♦	12.8	7.9 - 17.6	3,000	12.1	10.8 - 13.4	60,400
Postpartum Discussions with Provider							
Discussed birth spacing	♦	46.6	38.6 - 54.5	8,500	39.4	37.1 - 41.7	158,400
Discussed postpartum birth control	✓	92.8	89.3 - 96.3	21,400	87.6	86.0 - 89.1	432,900
Infant Sleep and Breastfeeding							
Placed infant on back to sleep	✓	81.5	76.0 - 87.0	18,500	74.4	72.5 - 76.4	360,100
Intended to breastfeed, before birth	✓	94.9	92.2 - 97.6	22,000	91.3	90.2 - 92.5	449,300
Intended to breastfeed exclusively, before birth	♦	65.2	58.8 - 71.7	15,100	60.6	58.6 - 62.6	298,200
Breastfeeding practices							
Any breastfeeding, 1 month after delivery	✓	87.2	82.8 - 91.7	20,100	77.7	76.0 - 79.4	380,600
Exclusive breastfeeding, 1 month after delivery	♦	48.0	40.7 - 55.3	11,000	46.4	44.4 - 48.4	227,200
Any breastfeeding, 3 months after delivery	✓	71.0	62.9 - 79.0	10,900	59.5	57.0 - 61.9	211,000
Exclusive breastfeeding, 3 months after delivery	♦	29.3	21.2 - 37.4	4,500	31.6	29.4 - 33.8	112,100
Health Care Utilization and Coverage							
Mom uninsured before pregnancy	✓	13.4	9.9 - 16.8	3,100	20.4	18.8 - 22.0	100,400
Had a usual source of pre-pregnancy care	♦	74.8	68.5 - 81.2	17,500	72.8	71.0 - 74.6	363,300
Initiated prenatal care in 1st trimester	♦	91.7	88.5 - 95.0	21,200	89.1	87.8 - 90.4	441,600
Had a postpartum medical visit	✓	93.3	90.9 - 95.8	21,800	85.9	84.4 - 87.3	427,300
Mom or infant needed but couldn't afford care postpartum	♦	11.5	7.0 - 16.1	2,700	14.0	12.5 - 15.5	68,600

MIHA Snapshot, Santa Clara County 2010

Maternal and Infant Health Assessment (MIHA) Survey

	Santa Clara County			California		
	%	95% CI	Population Estimate	%	95% CI	Population Estimate
Public Program Participation						
Participated in WIC during pregnancy	34.8	30.6 - 39.0	8,100	55.1	54.1 - 56.2	275,400
Received CalFresh (food stamps) during pregnancy	12.4	8.7 - 16.0	2,900	22.4	20.9 - 24.0	111,700
Health Insurance Coverage						
Pre-pregnancy insurance						
Medi-Cal	23.2	18.3 - 28.1	5,400	29.7	28.0 - 31.5	146,300
Uninsured	13.4	9.9 - 16.8	3,100	20.4	18.8 - 22.0	100,400
Private or other	63.4	58.2 - 68.7	14,700	49.8	48.3 - 51.4	245,200
Prenatal insurance						
Medi-Cal	41.5	36.0 - 47.0	9,700	52.0	50.5 - 53.5	259,800
Uninsured	1.3	0.6 - 2.0	300	2.9	2.2 - 3.7	14,700
Private or other	57.2	51.8 - 62.6	13,400	45.1	43.7 - 46.5	225,100
Maternal postpartum insurance						
Medi-Cal	25.9	21.5 - 30.2	6,000	35.3	33.6 - 37.1	173,600
Uninsured	9.9	7.4 - 12.5	2,300	17.3	15.7 - 18.8	84,900
Private or other	64.2	60.0 - 68.4	14,900	47.4	45.9 - 48.9	232,900
Infant health insurance						
Medi-Cal	33.5	29.7 - 37.3	7,700	49.0	47.3 - 50.6	237,900
Healthy Families	3.2	0.6 - 5.7	700	3.8	3.1 - 4.6	18,600
Uninsured	*			3.4	2.5 - 4.3	16,700
Private or other	61.8	57.5 - 66.2	14,200	43.8	42.3 - 45.3	212,800
Maternal Demographics						
Age						
15-19	3.5	2.1 - 4.9	800	8.9	7.7 - 10.0	44,400
20-34	72.4	66.2 - 78.7	17,000	71.8	69.9 - 73.8	360,000
35+	24.0	17.9 - 30.1	5,600	19.3	17.6 - 21.0	96,800
Did not complete high school (or GED)	11.3	9.1 - 13.5	2,600	20.4	18.8 - 22.0	101,900
Unmarried	30.0	25.4 - 34.5	7,000	42.7	40.9 - 44.6	213,500
Race/Ethnicity						
Hispanic	36.2	30.9 - 41.5	7,900	50.6	48.9 - 52.2	249,000
Black	2.4	2.2 - 2.6	500	6.0	5.8 - 6.2	29,500
White	27.6	20.7 - 34.4	6,000	29.3	27.8 - 30.8	144,200
Asian/Pacific Islander	33.4	25.8 - 41.0	7,300	13.7	12.2 - 15.2	67,600
Nativity and Language						
Born outside the U.S.	54.2	47.0 - 61.4	12,700	41.4	39.4 - 43.3	207,300
Speaks non-English language at home	42.7	35.6 - 49.8	9,900	33.5	31.6 - 35.5	167,000
Income as a percent of the Federal Poverty Guideline						
0-100%	30.1	25.4 - 34.9	6,500	44.0	42.3 - 45.7	206,700
101-200%	14.0	9.4 - 18.5	3,000	20.0	18.3 - 21.7	94,100
201-300%	5.4	1.3 - 9.4	1,200	8.0	7.0 - 9.1	37,800
301-400%	8.0	3.4 - 12.5	1,700	6.5	5.6 - 7.4	30,400
>400%	42.5	35.6 - 49.5	9,200	21.5	20.1 - 22.8	100,800

* Due to frequency < 10 women, data are not presented.

Notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010, with a sample size of 6,817. Percent (%), 95% confidence interval (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 in California and county in 2010. Symbols indicate whether the health indicator in the county was statistically different from the rest of the state (p-value <0.05, chi-square test). Statistical comparisons were not conducted for demographics, health insurance, or public program participation. Prior low birth weight (<2,500 g) or preterm delivery (<37 weeks gestation) is presented for all women. More information on MIHA and the indicators above is on the MIHA website.

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*** .

MIHA Snapshot, Sonoma County 2010

Maternal and Infant Health Assessment (MIHA) Survey

MATERNAL, CHILD & ADOLESCENT HEALTH
California Department of Public Health

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

		Sonoma County			California		
		%	95% CI	Population Estimate	%	95% CI	Population Estimate
Prior Poor Birth Outcomes							
Prior low birth weight or preterm delivery	♦	8.8	5.4 - 12.1	500	9.6	8.4 - 10.9	48,100
Prior delivery by c-section	✓	11.5	7.6 - 15.3	600	16.6	14.9 - 18.3	83,200
Health Status							
In excellent/good health before pregnancy	♦	90.5	87.4 - 93.6	4,800	89.0	87.7 - 90.4	445,300
Chronic conditions before or during pregnancy							
Diabetes or gestational diabetes	♦	12.9	9.0 - 16.8	700	12.1	10.7 - 13.4	60,200
Hypertension, preeclampsia or eclampsia	♦	9.8	6.0 - 13.7	500	10.0	8.8 - 11.3	49,100
Asthma	✗	13.0	8.5 - 17.4	700	7.1	6.2 - 8.0	35,300
Nutrition and Weight							
Daily folic acid use, month before pregnancy	♦	30.7	25.0 - 36.4	1,600	33.1	31.2 - 35.0	165,500
Overweight before pregnancy	♦	27.7	22.0 - 33.4	1,300	25.1	23.2 - 27.0	116,400
Obese before pregnancy	♦	22.1	16.6 - 27.6	1,100	20.0	18.3 - 21.8	92,800
Inadequate weight gain during pregnancy	♦	12.9	8.3 - 17.5	500	17.9	16.0 - 19.7	68,000
Excessive weight gain during pregnancy	✗	53.6	46.4 - 60.8	2,300	43.5	41.2 - 45.9	165,800
Food insecurity during pregnancy	✗	24.4	19.8 - 29.1	1,300	18.8	17.2 - 20.4	93,900
Intimate Partner Violence (IPV) and Depression							
Physical IPV in the year before pregnancy		*			2.8	2.1 - 3.5	14,200
Physical or psychological IPV during pregnancy		*			7.3	6.3 - 8.4	36,400
Prenatal depression	♦	11.9	8.0 - 15.8	600	15.0	13.5 - 16.4	74,700
Postpartum depression	♦	12.0	7.9 - 16.1	600	13.4	11.9 - 14.8	66,900
Hardships and Support during Pregnancy							
Had "a lot" of unpaid bills	♦	20.9	15.8 - 26.1	1,100	21.5	19.8 - 23.1	106,800
Moved	♦	24.9	19.6 - 30.3	1,300	28.8	27.0 - 30.7	143,700
Woman or partner lost job	♦	17.9	13.5 - 22.3	900	19.7	18.1 - 21.4	97,700
Became separated or divorced	♦	6.8	3.7 - 9.8	400	8.1	6.9 - 9.2	40,200
Had no practical or emotional support	♦	5.1	2.9 - 7.3	300	5.8	4.8 - 6.7	28,800
Substance Use							
Any smoking, 3 months before pregnancy	♦	14.2	9.6 - 18.7	700	12.5	11.2 - 13.7	62,000
Any smoking, 1st or 3rd trimester	♦	8.7	4.8 - 12.5	500	5.6	4.9 - 6.4	28,100
Any binge drinking, 3 months before pregnancy	♦	19.1	13.9 - 24.2	1,000	15.0	13.5 - 16.5	74,200
Any alcohol use, 1st or 3rd trimester	✗	18.3	13.3 - 23.4	1,000	12.1	10.8 - 13.4	60,400
Postpartum Discussions with Provider							
Discussed birth spacing	♦	38.3	31.3 - 45.3	1,600	39.4	37.1 - 41.7	158,400
Discussed postpartum birth control	✓	95.5	93.0 - 97.9	5,000	87.6	86.0 - 89.1	432,900
Infant Sleep and Breastfeeding							
Placed infant on back to sleep	✓	82.5	77.8 - 87.2	4,300	74.4	72.5 - 76.4	360,100
Intended to breastfeed, before birth	✓	98.0	96.4 - 99.6	5,100	91.3	90.2 - 92.5	449,300
Intended to breastfeed exclusively, before birth	✓	77.6	72.7 - 82.5	4,100	60.6	58.6 - 62.6	298,200
Breastfeeding practices							
Any breastfeeding, 1 month after delivery	✓	89.5	85.7 - 93.3	4,700	77.7	76.0 - 79.4	380,600
Exclusive breastfeeding, 1 month after delivery	✓	64.6	58.6 - 70.5	3,400	46.4	44.4 - 48.4	227,200
Any breastfeeding, 3 months after delivery	✓	77.4	70.6 - 84.2	2,400	59.5	57.0 - 61.9	211,000
Exclusive breastfeeding, 3 months after delivery	✓	47.6	39.2 - 56.0	1,500	31.6	29.4 - 33.8	112,100
Health Care Utilization and Coverage							
Mom uninsured before pregnancy	♦	19.3	15.1 - 23.4	1,000	20.4	18.8 - 22.0	100,400
Had a usual source of pre-pregnancy care	✓	82.0	77.6 - 86.4	4,300	72.8	71.0 - 74.6	363,300
Initiated prenatal care in 1st trimester	✓	96.0	93.2 - 98.7	5,000	89.1	87.8 - 90.4	441,600
Had a postpartum medical visit	♦	89.4	86.0 - 92.9	4,700	85.9	84.4 - 87.3	427,300
Mom or infant needed but couldn't afford care postpartum	♦	13.2	8.7 - 17.7	700	14.0	12.5 - 15.5	68,600

MIHA Snapshot, Sonoma County 2010

Maternal and Infant Health Assessment (MIHA) Survey

	Sonoma County			California		
	%	95% CI	Population Estimate	%	95% CI	Population Estimate
Public Program Participation						
Participated in WIC during pregnancy	46.4	42.4 - 50.3	2,400	55.1	54.1 - 56.2	275,400
Received CalFresh (food stamps) during pregnancy	17.9	13.6 - 22.2	900	22.4	20.9 - 24.0	111,700
Health Insurance Coverage						
Pre-pregnancy insurance						
Medi-Cal	21.3	17.0 - 25.5	1,100	29.7	28.0 - 31.5	146,300
Uninsured	19.3	15.1 - 23.4	1,000	20.4	18.8 - 22.0	100,400
Private or other	59.4	55.6 - 63.3	3,100	49.8	48.3 - 51.4	245,200
Prenatal insurance						
Medi-Cal	45.0	41.3 - 48.7	2,400	52.0	50.5 - 53.5	259,800
Uninsured	*			2.9	2.2 - 3.7	14,700
Private or other	52.8	49.0 - 56.5	2,800	45.1	43.7 - 46.5	225,100
Maternal postpartum insurance						
Medi-Cal	26.8	22.1 - 31.5	1,400	35.3	33.6 - 37.1	173,600
Uninsured	22.5	17.9 - 27.1	1,200	17.3	15.7 - 18.8	84,900
Private or other	50.8	46.3 - 55.2	2,600	47.4	45.9 - 48.9	232,900
Infant health insurance						
Medi-Cal	50.8	46.8 - 54.7	2,600	49.0	47.3 - 50.6	237,900
Healthy Families	*			3.8	3.1 - 4.6	18,600
Uninsured	*			3.4	2.5 - 4.3	16,700
Private or other	45.2	40.8 - 49.6	2,300	43.8	42.3 - 45.3	212,800
Maternal Demographics						
Age						
15-19	5.1	3.0 - 7.2	300	8.9	7.7 - 10.0	44,400
20-34	73.9	68.8 - 79.1	3,900	71.8	69.9 - 73.8	360,000
35+	21.0	16.2 - 25.8	1,100	19.3	17.6 - 21.0	96,800
Did not complete high school (or GED)	15.7	12.0 - 19.5	800	20.4	18.8 - 22.0	101,900
Unmarried	40.2	34.5 - 45.9	2,100	42.7	40.9 - 44.6	213,500
Race/Ethnicity						
Hispanic	38.9	34.3 - 43.4	2,000	50.6	48.9 - 52.2	249,000
Black	1.5	1.3 - 1.7	100	6.0	5.8 - 6.2	29,500
White	55.2	50.2 - 60.3	2,900	29.3	27.8 - 30.8	144,200
Asian/Pacific Islander	*			13.7	12.2 - 15.2	67,600
Nativity and Language						
Born outside the U.S.	32.1	27.3 - 36.8	1,700	41.4	39.4 - 43.3	207,300
Speaks non-English language at home	26.3	22.5 - 30.1	1,400	33.5	31.6 - 35.5	167,000
Income as a percent of the Federal Poverty Guideline						
0-100%	33.9	29.1 - 38.7	1,700	44.0	42.3 - 45.7	206,700
101-200%	24.3	18.8 - 29.9	1,200	20.0	18.3 - 21.7	94,100
201-300%	10.1	6.0 - 14.1	500	8.0	7.0 - 9.1	37,800
301-400%	8.5	4.6 - 12.4	400	6.5	5.6 - 7.4	30,400
>400%	23.2	17.8 - 28.7	1,200	21.5	20.1 - 22.8	100,800

* Due to frequency < 10 women, data are not presented.

Notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010, with a sample size of 6,817. Percent (%), 95% confidence interval (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 in California and county in 2010. Symbols indicate whether the health indicator in the county was statistically different from the rest of the state (p-value <0.05, chi-square test). Statistical comparisons were not conducted for demographics, health insurance, or public program participation. Prior low birth weight (<2,500 g) or preterm delivery (<37 weeks gestation) is presented for all women. More information on MIHA and the indicators above is on the MIHA website.

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*** .

MIHA Snapshot, Stanislaus County 2010

Maternal and Infant Health Assessment (MIHA) Survey

MATERNAL, CHILD & ADOLESCENT HEALTH
California Department of Public Health

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

		Stanislaus County			California		
		%	95% CI	Population Estimate	%	95% CI	Population Estimate
Prior Poor Birth Outcomes							
Prior low birth weight or preterm delivery	♦	7.9	4.6 - 11.2	600	9.6	8.4 - 10.9	48,100
Prior delivery by c-section	♦	20.4	14.7 - 26.0	1,600	16.6	14.9 - 18.3	83,200
Health Status							
In excellent/good health before pregnancy	♦	92.1	87.8 - 96.3	7,000	89.0	87.7 - 90.4	445,300
Chronic conditions before or during pregnancy							
Diabetes or gestational diabetes	♦	10.2	6.1 - 14.3	800	12.1	10.7 - 13.4	60,200
Hypertension, preeclampsia or eclampsia	♦	10.0	5.4 - 14.5	700	10.0	8.8 - 11.3	49,100
Asthma	✗	12.8	7.9 - 17.6	1,000	7.1	6.2 - 8.0	35,300
Nutrition and Weight							
Daily folic acid use, month before pregnancy	♦	29.1	23.1 - 35.1	2,200	33.1	31.2 - 35.0	165,500
Overweight before pregnancy	✗	33.9	27.0 - 40.7	2,500	25.1	23.2 - 27.0	116,400
Obese before pregnancy	♦	23.5	17.5 - 29.6	1,700	20.0	18.3 - 21.8	92,800
Inadequate weight gain during pregnancy	♦	14.8	9.4 - 20.2	900	17.9	16.0 - 19.7	68,000
Excessive weight gain during pregnancy	✗	54.2	46.5 - 61.9	3,300	43.5	41.2 - 45.9	165,800
Food insecurity during pregnancy	♦	22.0	16.0 - 28.1	1,700	18.8	17.2 - 20.4	93,900
Intimate Partner Violence (IPV) and Depression							
Physical IPV in the year before pregnancy		*			2.8	2.1 - 3.5	14,200
Physical or psychological IPV during pregnancy	♦	8.2	4.5 - 11.9	600	7.3	6.3 - 8.4	36,400
Prenatal depression	♦	14.5	9.8 - 19.3	1,100	15.0	13.5 - 16.4	74,700
Postpartum depression	♦	15.0	10.3 - 19.8	1,200	13.4	11.9 - 14.8	66,900
Hardships and Support during Pregnancy							
Had "a lot" of unpaid bills	♦	27.1	20.7 - 33.5	2,100	21.5	19.8 - 23.1	106,800
Moved	♦	26.7	20.7 - 32.6	2,000	28.8	27.0 - 30.7	143,700
Woman or partner lost job	♦	19.2	13.6 - 24.8	1,400	19.7	18.1 - 21.4	97,700
Became separated or divorced	♦	6.4	3.1 - 9.8	500	8.1	6.9 - 9.2	40,200
Had no practical or emotional support	♦	7.4	3.8 - 11.1	600	5.8	4.8 - 6.7	28,800
Substance Use							
Any smoking, 3 months before pregnancy	♦	16.9	11.7 - 22.1	1,300	12.5	11.2 - 13.7	62,000
Any smoking, 1st or 3rd trimester	♦	8.4	4.5 - 12.3	600	5.6	4.9 - 6.4	28,100
Any binge drinking, 3 months before pregnancy	♦	18.5	13.1 - 23.8	1,400	15.0	13.5 - 16.5	74,200
Any alcohol use, 1st or 3rd trimester	♦	10.8	6.3 - 15.4	800	12.1	10.8 - 13.4	60,400
Postpartum Discussions with Provider							
Discussed birth spacing	✗	30.1	23.0 - 37.2	1,800	39.4	37.1 - 41.7	158,400
Discussed postpartum birth control	♦	87.2	82.9 - 91.5	6,500	87.6	86.0 - 89.1	432,900
Infant Sleep and Breastfeeding							
Placed infant on back to sleep	♦	73.2	66.7 - 79.7	5,600	74.4	72.5 - 76.4	360,100
Intended to breastfeed, before birth	✗	79.1	73.0 - 85.2	6,000	91.3	90.2 - 92.5	449,300
Intended to breastfeed exclusively, before birth	♦	57.3	50.5 - 64.1	4,400	60.6	58.6 - 62.6	298,200
Breastfeeding practices							
Any breastfeeding, 1 month after delivery	✗	66.2	59.6 - 72.9	5,000	77.7	76.0 - 79.4	380,600
Exclusive breastfeeding, 1 month after delivery	♦	41.1	34.5 - 47.8	3,100	46.4	44.4 - 48.4	227,200
Any breastfeeding, 3 months after delivery	✗	42.2	34.0 - 50.5	2,200	59.5	57.0 - 61.9	211,000
Exclusive breastfeeding, 3 months after delivery	♦	25.2	18.2 - 32.3	1,300	31.6	29.4 - 33.8	112,100
Health Care Utilization and Coverage							
Mom uninsured before pregnancy	♦	19.0	13.5 - 24.4	1,400	20.4	18.8 - 22.0	100,400
Had a usual source of pre-pregnancy care	♦	74.6	68.8 - 80.5	5,700	72.8	71.0 - 74.6	363,300
Initiated prenatal care in 1st trimester	♦	89.1	84.3 - 93.9	6,900	89.1	87.8 - 90.4	441,600
Had a postpartum medical visit	♦	84.0	78.9 - 89.0	6,400	85.9	84.4 - 87.3	427,300
Mom or infant needed but couldn't afford care postpartum	♦	16.1	10.4 - 21.7	1,200	14.0	12.5 - 15.5	68,600

MIHA Snapshot, Stanislaus County 2010

Maternal and Infant Health Assessment (MIHA) Survey

	Stanislaus County			California		
	%	95% CI	Population Estimate	%	95% CI	Population Estimate
Public Program Participation						
Participated in WIC during pregnancy	59.9	55.7 - 64.1	4,600	55.1	54.1 - 56.2	275,400
Received CalFresh (food stamps) during pregnancy	22.6	17.0 - 28.2	1,700	22.4	20.9 - 24.0	111,700
Health Insurance Coverage						
Pre-pregnancy insurance						
Medi-Cal	31.2	25.4 - 37.0	2,400	29.7	28.0 - 31.5	146,300
Uninsured	19.0	13.5 - 24.4	1,400	20.4	18.8 - 22.0	100,400
Private or other	49.8	44.2 - 55.5	3,800	49.8	48.3 - 51.4	245,200
Prenatal insurance						
Medi-Cal	55.7	50.4 - 61.0	4,300	52.0	50.5 - 53.5	259,800
Uninsured	*			2.9	2.2 - 3.7	14,700
Private or other	40.7	35.7 - 45.7	3,100	45.1	43.7 - 46.5	225,100
Maternal postpartum insurance						
Medi-Cal	38.2	31.9 - 44.6	2,900	35.3	33.6 - 37.1	173,600
Uninsured	16.6	11.5 - 21.6	1,300	17.3	15.7 - 18.8	84,900
Private or other	45.2	39.9 - 50.5	3,400	47.4	45.9 - 48.9	232,900
Infant health insurance						
Medi-Cal	56.7	51.5 - 61.9	4,300	49.0	47.3 - 50.6	237,900
Healthy Families	*			3.8	3.1 - 4.6	18,600
Uninsured	*			3.4	2.5 - 4.3	16,700
Private or other	39.3	34.2 - 44.3	3,000	43.8	42.3 - 45.3	212,800
Maternal Demographics						
Age						
15-19	12.2	7.7 - 16.8	900	8.9	7.7 - 10.0	44,400
20-34	76.3	70.5 - 82.1	5,900	71.8	69.9 - 73.8	360,000
35+	11.5	7.4 - 15.6	900	19.3	17.6 - 21.0	96,800
Did not complete high school (or GED)	19.3	14.1 - 24.5	1,500	20.4	18.8 - 22.0	101,900
Unmarried	40.5	34.1 - 46.9	3,100	42.7	40.9 - 44.6	213,500
Race/Ethnicity						
Hispanic	54.0	47.9 - 60.2	4,100	50.6	48.9 - 52.2	249,000
Black	2.4	2.2 - 2.7	200	6.0	5.8 - 6.2	29,500
White	38.3	32.3 - 44.3	2,900	29.3	27.8 - 30.8	144,200
Asian/Pacific Islander	*			13.7	12.2 - 15.2	67,600
Nativity and Language						
Born outside the U.S.	32.6	26.7 - 38.4	2,500	41.4	39.4 - 43.3	207,300
Speaks non-English language at home	30.2	24.3 - 36.1	2,300	33.5	31.6 - 35.5	167,000
Income as a percent of the Federal Poverty Guideline						
0-100%	46.3	39.9 - 52.7	3,400	44.0	42.3 - 45.7	206,700
101-200%	29.8	23.0 - 36.6	2,200	20.0	18.3 - 21.7	94,100
201-300%	5.3	2.3 - 8.4	400	8.0	7.0 - 9.1	37,800
301-400%	8.2	4.7 - 11.6	600	6.5	5.6 - 7.4	30,400
>400%	10.4	7.0 - 13.7	700	21.5	20.1 - 22.8	100,800

* Due to frequency < 10 women, data are not presented.

Notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010, with a sample size of 6,817. Percent (%), 95% confidence interval (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 in California and county in 2010. Symbols indicate whether the health indicator in the county was statistically different from the rest of the state (p-value <0.05, chi-square test). Statistical comparisons were not conducted for demographics, health insurance, or public program participation. Prior low birth weight (<2,500 g) or preterm delivery (<37 weeks gestation) is presented for all women. More information on MIHA and the indicators above is on the MIHA website.

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*** .

MIHA Snapshot, Tulare County 2010

Maternal and Infant Health Assessment (MIHA) Survey

MATERNAL, CHILD & ADOLESCENT HEALTH
California Department of Public Health

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

		Tulare County			California		
		%	95% CI	Population Estimate	%	95% CI	Population Estimate
Prior Poor Birth Outcomes							
Prior low birth weight or preterm delivery	♦	8.0	3.8 - 12.1	600	9.6	8.4 - 10.9	48,100
Prior delivery by c-section	♦	18.2	12.4 - 23.9	1,500	16.6	14.9 - 18.3	83,200
Health Status							
In excellent/good health before pregnancy	✗	80.1	73.8 - 86.5	6,400	89.0	87.7 - 90.4	445,300
Chronic conditions before or during pregnancy							
Diabetes or gestational diabetes	♦	12.0	7.0 - 17.0	1,000	12.1	10.7 - 13.4	60,200
Hypertension, preeclampsia or eclampsia	♦	11.9	6.8 - 16.9	900	10.0	8.8 - 11.3	49,100
Asthma	✗	11.6	6.5 - 16.7	900	7.1	6.2 - 8.0	35,300
Nutrition and Weight							
Daily folic acid use, month before pregnancy	✗	24.2	18.2 - 30.3	1,900	33.1	31.2 - 35.0	165,500
Overweight before pregnancy	♦	25.1	18.1 - 32.2	1,800	25.1	23.2 - 27.0	116,400
Obese before pregnancy	♦	23.2	16.3 - 30.1	1,700	20.0	18.3 - 21.8	92,800
Inadequate weight gain during pregnancy	♦	17.6	10.8 - 24.3	1,000	17.9	16.0 - 19.7	68,000
Excessive weight gain during pregnancy	♦	45.3	36.1 - 54.5	2,500	43.5	41.2 - 45.9	165,800
Food insecurity during pregnancy	♦	20.5	14.2 - 26.8	1,600	18.8	17.2 - 20.4	93,900
Intimate Partner Violence (IPV) and Depression							
Physical IPV in the year before pregnancy		*			2.8	2.1 - 3.5	14,200
Physical or psychological IPV during pregnancy	✗	12.2	7.0 - 17.3	1,000	7.3	6.3 - 8.4	36,400
Prenatal depression	♦	20.8	14.5 - 27.2	1,700	15.0	13.5 - 16.4	74,700
Postpartum depression	♦	15.7	10.1 - 21.4	1,300	13.4	11.9 - 14.8	66,900
Hardships and Support during Pregnancy							
Had "a lot" of unpaid bills	♦	21.6	14.9 - 28.3	1,700	21.5	19.8 - 23.1	106,800
Moved	♦	30.5	23.3 - 37.8	2,500	28.8	27.0 - 30.7	143,700
Woman or partner lost job	♦	14.7	9.3 - 20.1	1,200	19.7	18.1 - 21.4	97,700
Became separated or divorced	♦	8.2	4.1 - 12.2	700	8.1	6.9 - 9.2	40,200
Had no practical or emotional support		*			5.8	4.8 - 6.7	28,800
Substance Use							
Any smoking, 3 months before pregnancy	♦	10.8	6.0 - 15.7	900	12.5	11.2 - 13.7	62,000
Any smoking, 1st or 3rd trimester		*			5.6	4.9 - 6.4	28,100
Any binge drinking, 3 months before pregnancy	♦	14.4	9.0 - 19.9	1,100	15.0	13.5 - 16.5	74,200
Any alcohol use, 1st or 3rd trimester	♦	8.9	4.6 - 13.2	700	12.1	10.8 - 13.4	60,400
Postpartum Discussions with Provider							
Discussed birth spacing	♦	41.6	33.5 - 49.7	2,800	39.4	37.1 - 41.7	158,400
Discussed postpartum birth control	♦	90.3	85.7 - 94.9	7,200	87.6	86.0 - 89.1	432,900
Infant Sleep and Breastfeeding							
Placed infant on back to sleep	✗	67.0	59.6 - 74.4	5,100	74.4	72.5 - 76.4	360,100
Intended to breastfeed, before birth	✗	79.8	73.2 - 86.3	6,300	91.3	90.2 - 92.5	449,300
Intended to breastfeed exclusively, before birth	✗	40.9	33.6 - 48.3	3,200	60.6	58.6 - 62.6	298,200
Breastfeeding practices							
Any breastfeeding, 1 month after delivery	✗	62.1	54.5 - 69.7	5,000	77.7	76.0 - 79.4	380,600
Exclusive breastfeeding, 1 month after delivery	✗	33.7	26.7 - 40.7	2,700	46.4	44.4 - 48.4	227,200
Any breastfeeding, 3 months after delivery	✗	42.0	33.2 - 50.9	2,300	59.5	57.0 - 61.9	211,000
Exclusive breastfeeding, 3 months after delivery	✗	11.1	6.2 - 15.9	600	31.6	29.4 - 33.8	112,100
Health Care Utilization and Coverage							
Mom uninsured before pregnancy	♦	17.8	11.8 - 23.9	1,400	20.4	18.8 - 22.0	100,400
Had a usual source of pre-pregnancy care	✓	82.1	76.4 - 87.8	6,500	72.8	71.0 - 74.6	363,300
Initiated prenatal care in 1st trimester	♦	90.7	85.8 - 95.6	7,300	89.1	87.8 - 90.4	441,600
Had a postpartum medical visit	✗	79.5	73.2 - 85.9	6,400	85.9	84.4 - 87.3	427,300
Mom or infant needed but couldn't afford care postpartum	♦	12.1	6.7 - 17.5	900	14.0	12.5 - 15.5	68,600

MATERNAL, CHILD & ADOLESCENT HEALTH
California Department of Public Health

MIHA Snapshot, Tulare County 2010

Maternal and Infant Health Assessment (MIHA) Survey

	Tulare County			California		
	%	95% CI	Population Estimate	%	95% CI	Population Estimate
Public Program Participation						
Participated in WIC during pregnancy	69.4	63.7 - 75.1	5,600	55.1	54.1 - 56.2	275,400
Received CalFresh (food stamps) during pregnancy	48.8	41.3 - 56.3	3,900	22.4	20.9 - 24.0	111,700
Health Insurance Coverage						
Pre-pregnancy insurance						
Medi-Cal	56.9	49.7 - 64.0	4,500	29.7	28.0 - 31.5	146,300
Uninsured	17.8	11.8 - 23.9	1,400	20.4	18.8 - 22.0	100,400
Private or other	25.3	20.3 - 30.3	2,000	49.8	48.3 - 51.4	245,200
Prenatal insurance						
Medi-Cal	76.5	71.5 - 81.6	6,200	52.0	50.5 - 53.5	259,800
Uninsured	*			2.9	2.2 - 3.7	14,700
Private or other	20.2	15.8 - 24.6	1,600	45.1	43.7 - 46.5	225,100
Maternal postpartum insurance						
Medi-Cal	57.2	49.9 - 64.5	4,500	35.3	33.6 - 37.1	173,600
Uninsured	18.7	12.5 - 24.9	1,500	17.3	15.7 - 18.8	84,900
Private or other	24.1	19.1 - 29.2	1,900	47.4	45.9 - 48.9	232,900
Infant health insurance						
Medi-Cal	74.0	68.9 - 79.2	5,700	49.0	47.3 - 50.6	237,900
Healthy Families	4.7	1.5 - 7.8	400	3.8	3.1 - 4.6	18,600
Uninsured	*			3.4	2.5 - 4.3	16,700
Private or other	20.5	16.3 - 24.8	1,600	43.8	42.3 - 45.3	212,800
Maternal Demographics						
Age						
15-19	19.3	13.2 - 25.3	1,500	8.9	7.7 - 10.0	44,400
20-34	71.3	64.5 - 78.1	5,700	71.8	69.9 - 73.8	360,000
35+	9.4	5.3 - 13.5	800	19.3	17.6 - 21.0	96,800
Did not complete high school (or GED)	40.5	33.1 - 48.0	3,300	20.4	18.8 - 22.0	101,900
Unmarried	57.5	50.2 - 64.7	4,600	42.7	40.9 - 44.6	213,500
Race/Ethnicity						
Hispanic	72.3	66.0 - 78.5	5,800	50.6	48.9 - 52.2	249,000
Black	1.3	1.3 - 1.4	100	6.0	5.8 - 6.2	29,500
White	23.9	17.9 - 29.9	1,900	29.3	27.8 - 30.8	144,200
Asian/Pacific Islander	*			13.7	12.2 - 15.2	67,600
Nativity and Language						
Born outside the U.S.	32.9	25.8 - 40.1	2,600	41.4	39.4 - 43.3	207,300
Speaks non-English language at home	28.5	21.5 - 35.4	2,300	33.5	31.6 - 35.5	167,000
Income as a percent of the Federal Poverty Guideline						
0-100%	63.0	56.2 - 69.9	4,700	44.0	42.3 - 45.7	206,700
101-200%	20.4	13.8 - 26.9	1,500	20.0	18.3 - 21.7	94,100
201-300%	4.0	1.4 - 6.7	300	8.0	7.0 - 9.1	37,800
301-400%	4.0	2.5 - 5.4	300	6.5	5.6 - 7.4	30,400
>400%	8.6	6.1 - 11.1	600	21.5	20.1 - 22.8	100,800

* Due to frequency < 10 women, data are not presented.

Notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010, with a sample size of 6,817. Percent (%), 95% confidence interval (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 in California and county in 2010. Symbols indicate whether the health indicator in the county was statistically different from the rest of the state (p-value <0.05, chi-square test). Statistical comparisons were not conducted for demographics, health insurance, or public program participation. Prior low birth weight (<2,500 g) or preterm delivery (<37 weeks gestation) is presented for all women. More information on MIHA and the indicators above is on the MIHA website.

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*** .

MIHA Snapshot, Ventura County 2010

Maternal and Infant Health Assessment (MIHA) Survey

MATERNAL, CHILD & ADOLESCENT HEALTH
California Department of Public Health

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

		Ventura County			California		
		%	95% CI	Population Estimate	%	95% CI	Population Estimate
Prior Poor Birth Outcomes							
Prior low birth weight or preterm delivery	♦	7.0	3.4 - 10.6	800	9.6	8.4 - 10.9	48,100
Prior delivery by c-section	♦	14.0	9.2 - 18.7	1,500	16.6	14.9 - 18.3	83,200
Health Status							
In excellent/good health before pregnancy	♦	91.7	87.7 - 95.7	10,000	89.0	87.7 - 90.4	445,300
Chronic conditions before or during pregnancy							
Diabetes or gestational diabetes	♦	9.5	5.6 - 13.4	1,000	12.1	10.7 - 13.4	60,200
Hypertension, preeclampsia or eclampsia	♦	7.8	4.1 - 11.4	800	10.0	8.8 - 11.3	49,100
Asthma	♦	6.3	3.0 - 9.6	700	7.1	6.2 - 8.0	35,300
Nutrition and Weight							
Daily folic acid use, month before pregnancy	✗	25.4	19.5 - 31.3	2,800	33.1	31.2 - 35.0	165,500
Overweight before pregnancy	♦	25.0	18.7 - 31.4	2,400	25.1	23.2 - 27.0	116,400
Obese before pregnancy	♦	18.0	12.1 - 23.9	1,700	20.0	18.3 - 21.8	92,800
Inadequate weight gain during pregnancy	♦	18.0	12.1 - 24.0	1,500	17.9	16.0 - 19.7	68,000
Excessive weight gain during pregnancy	♦	44.8	36.8 - 52.8	3,700	43.5	41.2 - 45.9	165,800
Food insecurity during pregnancy	♦	20.5	15.3 - 25.8	2,200	18.8	17.2 - 20.4	93,900
Intimate Partner Violence (IPV) and Depression							
Physical IPV in the year before pregnancy		*			2.8	2.1 - 3.5	14,200
Physical or psychological IPV during pregnancy	♦	7.4	3.8 - 10.9	800	7.3	6.3 - 8.4	36,400
Prenatal depression	♦	15.1	10.1 - 20.0	1,600	15.0	13.5 - 16.4	74,700
Postpartum depression	♦	11.3	6.9 - 15.6	1,200	13.4	11.9 - 14.8	66,900
Hardships and Support during Pregnancy							
Had "a lot" of unpaid bills	♦	27.1	21.0 - 33.1	2,900	21.5	19.8 - 23.1	106,800
Moved	♦	26.0	20.0 - 32.0	2,800	28.8	27.0 - 30.7	143,700
Woman or partner lost job	♦	22.5	16.7 - 28.2	2,400	19.7	18.1 - 21.4	97,700
Became separated or divorced	♦	7.7	4.3 - 11.1	800	8.1	6.9 - 9.2	40,200
Had no practical or emotional support	♦	6.3	2.7 - 9.9	700	5.8	4.8 - 6.7	28,800
Substance Use							
Any smoking, 3 months before pregnancy	♦	8.8	4.6 - 13.1	1,000	12.5	11.2 - 13.7	62,000
Any smoking, 1st or 3rd trimester	♦	6.1	2.3 - 9.8	700	5.6	4.9 - 6.4	28,100
Any binge drinking, 3 months before pregnancy	♦	10.9	6.7 - 15.1	1,200	15.0	13.5 - 16.5	74,200
Any alcohol use, 1st or 3rd trimester	♦	16.3	11.0 - 21.5	1,800	12.1	10.8 - 13.4	60,400
Postpartum Discussions with Provider							
Discussed birth spacing	♦	36.7	29.0 - 44.5	3,000	39.4	37.1 - 41.7	158,400
Discussed postpartum birth control	✓	93.2	89.8 - 96.6	10,100	87.6	86.0 - 89.1	432,900
Infant Sleep and Breastfeeding							
Placed infant on back to sleep	♦	72.2	65.7 - 78.7	7,600	74.4	72.5 - 76.4	360,100
Intended to breastfeed, before birth	♦	92.2	88.2 - 96.3	9,800	91.3	90.2 - 92.5	449,300
Intended to breastfeed exclusively, before birth	♦	57.6	50.9 - 64.4	6,100	60.6	58.6 - 62.6	298,200
Breastfeeding practices							
Any breastfeeding, 1 month after delivery	♦	81.9	76.6 - 87.3	8,600	77.7	76.0 - 79.4	380,600
Exclusive breastfeeding, 1 month after delivery	♦	47.2	40.3 - 54.1	4,900	46.4	44.4 - 48.4	227,200
Any breastfeeding, 3 months after delivery	♦	63.1	55.3 - 70.9	4,900	59.5	57.0 - 61.9	211,000
Exclusive breastfeeding, 3 months after delivery	♦	29.7	22.4 - 37.1	2,300	31.6	29.4 - 33.8	112,100
Health Care Utilization and Coverage							
Mom uninsured before pregnancy	✗	26.5	20.8 - 32.1	2,800	20.4	18.8 - 22.0	100,400
Had a usual source of pre-pregnancy care	♦	74.8	68.9 - 80.7	8,200	72.8	71.0 - 74.6	363,300
Initiated prenatal care in 1st trimester	♦	86.9	81.7 - 92.1	9,300	89.1	87.8 - 90.4	441,600
Had a postpartum medical visit	✓	90.7	86.9 - 94.4	9,900	85.9	84.4 - 87.3	427,300
Mom or infant needed but couldn't afford care postpartum	♦	15.2	10.3 - 20.0	1,600	14.0	12.5 - 15.5	68,600

MATERNAL, CHILD & ADOLESCENT HEALTH
California Department of Public Health

MIHA Snapshot, Ventura County 2010

Maternal and Infant Health Assessment (MIHA) Survey

	Ventura County			California		
	%	95% CI	Population Estimate	%	95% CI	Population Estimate
Public Program Participation						
Participated in WIC during pregnancy	51.0	48.0 - 54.0	5,600	55.1	54.1 - 56.2	275,400
Received CalFresh (food stamps) during pregnancy	19.5	14.3 - 24.6	2,100	22.4	20.9 - 24.0	111,700
Health Insurance Coverage						
Pre-pregnancy insurance						
Medi-Cal	24.7	19.2 - 30.1	2,600	29.7	28.0 - 31.5	146,300
Uninsured	26.5	20.8 - 32.1	2,800	20.4	18.8 - 22.0	100,400
Private or other	48.9	44.3 - 53.4	5,200	49.8	48.3 - 51.4	245,200
Prenatal insurance						
Medi-Cal	52.8	49.4 - 56.3	5,700	52.0	50.5 - 53.5	259,800
Uninsured	*			2.9	2.2 - 3.7	14,700
Private or other	45.1	41.8 - 48.3	4,900	45.1	43.7 - 46.5	225,100
Maternal postpartum insurance						
Medi-Cal	27.3	21.9 - 32.6	2,900	35.3	33.6 - 37.1	173,600
Uninsured	23.5	18.2 - 28.9	2,500	17.3	15.7 - 18.8	84,900
Private or other	49.2	45.1 - 53.3	5,200	47.4	45.9 - 48.9	232,900
Infant health insurance						
Medi-Cal	50.0	45.9 - 54.1	5,200	49.0	47.3 - 50.6	237,900
Healthy Families	*			3.8	3.1 - 4.6	18,600
Uninsured	*			3.4	2.5 - 4.3	16,700
Private or other	45.4	40.8 - 50.0	4,700	43.8	42.3 - 45.3	212,800
Maternal Demographics						
Age						
15-19	9.7	5.4 - 14.0	1,100	8.9	7.7 - 10.0	44,400
20-34	71.5	65.2 - 77.8	7,800	71.8	69.9 - 73.8	360,000
35+	18.8	13.6 - 24.1	2,100	19.3	17.6 - 21.0	96,800
Did not complete high school (or GED)	24.5	18.8 - 30.1	2,600	20.4	18.8 - 22.0	101,900
Unmarried	42.9	36.8 - 49.1	4,700	42.7	40.9 - 44.6	213,500
Race/Ethnicity						
Hispanic	59.0	53.7 - 64.4	6,400	50.6	48.9 - 52.2	249,000
Black	1.2	1.2 - 1.3	100	6.0	5.8 - 6.2	29,500
White	31.1	25.3 - 37.0	3,400	29.3	27.8 - 30.8	144,200
Asian/Pacific Islander	8.6	4.8 - 12.5	900	13.7	12.2 - 15.2	67,600
Nativity and Language						
Born outside the U.S.	42.3	35.9 - 48.7	4,600	41.4	39.4 - 43.3	207,300
Speaks non-English language at home	35.9	30.1 - 41.6	3,900	33.5	31.6 - 35.5	167,000
Income as a percent of the Federal Poverty Guideline						
0-100%	46.6	41.4 - 51.8	4,600	44.0	42.3 - 45.7	206,700
101-200%	17.2	11.7 - 22.8	1,700	20.0	18.3 - 21.7	94,100
201-300%	7.1	3.7 - 10.6	700	8.0	7.0 - 9.1	37,800
301-400%	5.5	2.2 - 8.8	500	6.5	5.6 - 7.4	30,400
>400%	23.5	18.4 - 28.6	2,300	21.5	20.1 - 22.8	100,800

* Due to frequency < 10 women, data are not presented.

Notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010, with a sample size of 6,817. Percent (%), 95% confidence interval (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 in California and county in 2010. Symbols indicate whether the health indicator in the county was statistically different from the rest of the state (p-value <0.05, chi-square test). Statistical comparisons were not conducted for demographics, health insurance, or public program participation. Prior low birth weight (<2,500 g) or preterm delivery (<37 weeks gestation) is presented for all women. More information on MIHA and the indicators above is on the MIHA website.

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*** .

County Comparisons

"The hardest thing for me was breastfeeding when I went back to work. My boss was not supportive. I had all the right intentions. I wanted to pump and my boss didn't make it easy for me. I felt bad because my first one was breastfed until 18 months."

— MIHA 2010 Respondent

MIHA County Comparison 2010

Maternal and Infant Health Assessment (MIHA) Survey

Data Source: Maternal and Infant Health Assessment Survey
Prepared by: Maternal, Child and Adolescent Health Program,
Center for Family Health, California Department of Public Health

Daily folic acid use in the month before pregnancy

County		Percent	95% CI	Population Estimate of Indicator
California		33.1	31.2 - 35.0	165,500
Alameda	♦	33.8	27.8 - 39.8	6,400
Contra Costa	♦	33.7	26.9 - 40.5	4,100
Fresno	♦	29.4	24.2 - 34.7	4,700
Kern	♦	27.8	22.2 - 33.5	4,000
Los Angeles	♦	31.8	25.9 - 37.7	41,600
Monterey	✗	24.9	19.1 - 30.8	1,600
Orange	♦	36.8	30.7 - 42.9	13,800
Riverside	♦	34.6	29.0 - 40.2	10,400
Sacramento	♦	30.8	25.5 - 36.0	6,100
San Bernardino	♦	29.5	24.2 - 34.9	9,000
San Diego	♦	39.7	32.8 - 46.5	17,500
San Francisco	✓	44.6	37.1 - 52.1	3,800
San Joaquin	♦	29.5	23.7 - 35.4	3,100
San Mateo	♦	36.1	28.4 - 43.7	3,200
Santa Barbara	✗	24.8	19.2 - 30.4	1,400
Santa Clara	✓	43.4	36.2 - 50.6	10,200
Sonoma	♦	30.7	25.0 - 36.4	1,600
Stanislaus	♦	29.1	23.1 - 35.1	2,200
Tulare	✗	24.2	18.2 - 30.3	1,900
Ventura	✗	25.4	19.5 - 31.3	2,800

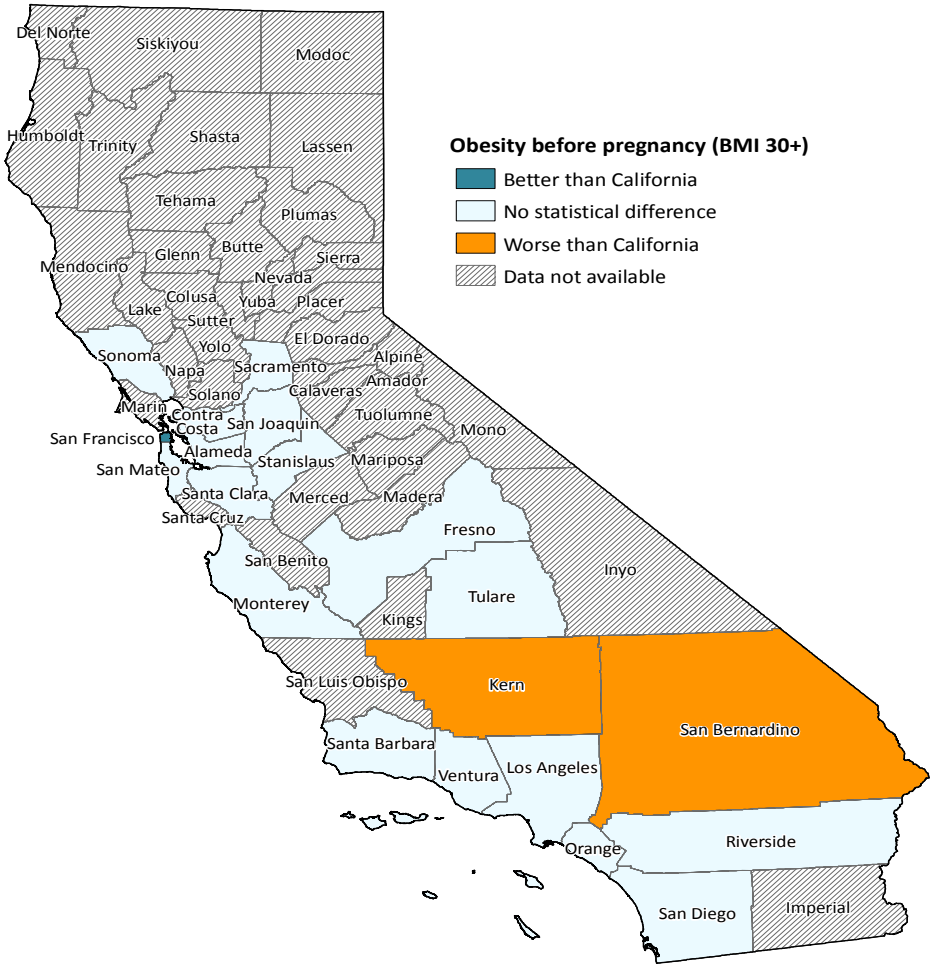
✓ Statistically better than the rest of California ($p<0.05$, chi-square test)
✗ Statistically worse than the rest of California ($p<0.05$, chi-square test)
♦ No statistical difference between county and the rest of California

Technical notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010 with a sample size of 6,817. Percent (%), 95% confidence intervals (95% CI), and estimated population numbers of women 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 in California and the county in 2010. Indicator defnitions are on the MIHA website.

MIHA is a joint 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.**

MIHA County Comparison 2010

Maternal and Infant Health Assessment (MIHA) Survey



Data Source: Maternal and Infant Health Assessment Survey
Prepared by: Maternal, Child and Adolescent Health Program,
Center for Family Health, California Department of Public Health

Obesity before pregnancy (BMI 30+)

County		Percent	95% CI	Population Estimate of Indicator
California		20.0	18.3 - 21.8	92,800
Alameda	♦	21.3	16.3 - 26.2	3,800
Contra Costa	♦	14.7	9.8 - 19.7	1,600
Fresno	♦	22.3	17.1 - 27.6	3,400
Kern	✖	28.0	21.7 - 34.3	3,600
Los Angeles	♦	21.2	15.7 - 26.7	25,600
Monterey	♦	25.3	18.3 - 32.2	1,300
Orange	♦	17.2	12.1 - 22.4	6,100
Riverside	♦	16.2	11.7 - 20.8	4,500
Sacramento	♦	23.5	18.5 - 28.5	4,400
San Bernardino	✖	27.2	21.6 - 32.7	8,000
San Diego	♦	17.1	11.6 - 22.7	7,000
San Francisco	✓	9.6	5.7 - 13.6	800
San Joaquin	♦	22.1	16.3 - 27.9	2,100
San Mateo	♦	14.1	9.0 - 19.3	1,200
Santa Barbara	♦	21.1	15.2 - 27.0	1,000
Santa Clara	♦	16.1	11.2 - 21.1	3,400
Sonoma	♦	22.1	16.6 - 27.6	1,100
Stanislaus	♦	23.5	17.5 - 29.6	1,700
Tulare	♦	23.2	16.3 - 30.1	1,700
Ventura	♦	18.0	12.1 - 23.9	1,700

✓ Statistically better than the rest of California ($p<0.05$, chi-square test)
✖ Statistically worse than the rest of California ($p<0.05$, chi-square test)
♦ No statistical difference between county and the rest of California

Technical notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010 with a sample size of 6,817. Percent (%), 95% confidence intervals (95% CI), and estimated population numbers of women 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 in California and the county in 2010. Indicator defnitions are on the MIHA website.

MIHA is a joint 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.**

MIHA County Comparison 2010

Maternal and Infant Health Assessment (MIHA) Survey

Data Source: Maternal and Infant Health Assessment Survey
Prepared by: Maternal, Child and Adolescent Health Program,
Center for Family Health, California Department of Public Health

Excessive weight gain during pregnancy

County		Percent	95% CI	Population Estimate of Indicator
California		43.5	41.2 - 45.9	165,800
Alameda	♦	43.1	36.1 - 50.0	6,700
Contra Costa	♦	43.2	34.9 - 51.5	3,700
Fresno	♦	36.6	29.3 - 43.9	4,000
Kern	♦	39.1	31.6 - 46.6	3,700
Los Angeles	♦	44.4	37.0 - 51.9	42,300
Monterey	♦	47.2	38.3 - 56.2	1,800
Orange	♦	42.1	34.9 - 49.3	12,400
Riverside	♦	43.1	36.4 - 49.9	9,700
Sacramento	♦	44.0	37.4 - 50.5	6,800
San Bernardino	♦	50.1	43.4 - 56.8	12,200
San Diego	✓	35.4	27.8 - 42.9	12,700
San Francisco	♦	39.9	31.6 - 48.1	2,900
San Joaquin	♦	44.2	36.7 - 51.7	3,600
San Mateo	✓	32.9	24.5 - 41.3	2,400
Santa Barbara	♦	38.5	31.1 - 45.9	1,500
Santa Clara	♦	38.2	30.2 - 46.1	7,200
Sonoma	✗	53.6	46.4 - 60.8	2,300
Stanislaus	✗	54.2	46.5 - 61.9	3,300
Tulare	♦	45.3	36.1 - 54.5	2,500
Ventura	♦	44.8	36.8 - 52.8	3,700

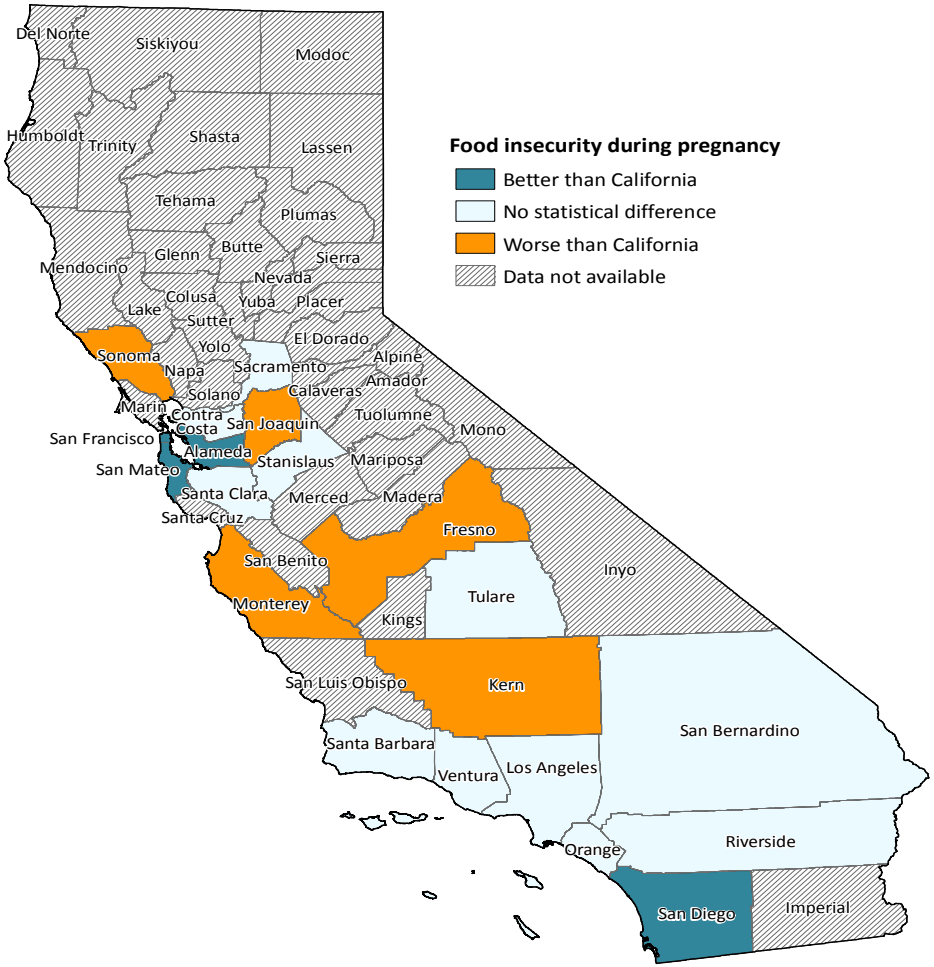
✓ Statistically better than the rest of California ($p<0.05$, chi-square test)
✗ Statistically worse than the rest of California ($p<0.05$, chi-square test)
♦ No statistical difference between county and the rest of California

Technical notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010 with a sample size of 6,817. Percent (%), 95% confidence intervals (95% CI), and estimated population numbers of women 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 in California and the county in 2010. Indicator defnitions are on the MIHA website.

MIHA is a joint 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.**

MIHA County Comparison 2010

Maternal and Infant Health Assessment (MIHA) Survey



Data Source: Maternal and Infant Health Assessment Survey
Prepared by: Maternal, Child and Adolescent Health Program, Center for Family Health, California Department of Public Health

Food insecurity during pregnancy

County		Percent	95% CI	Population Estimate of Indicator
California		18.8	17.2 - 20.4	93,900
Alameda	✓	13.5	9.7 - 17.4	2,500
Contra Costa	♦	16.0	11.5 - 20.4	1,900
Fresno	✗	24.7	19.2 - 30.1	3,900
Kern	✗	24.5	18.9 - 30.1	3,400
Los Angeles	♦	20.8	15.6 - 26.0	27,200
Monterey	✗	26.6	20.3 - 32.9	1,800
Orange	♦	21.0	16.1 - 25.8	7,900
Riverside	♦	18.6	14.1 - 23.2	5,600
Sacramento	♦	15.0	11.0 - 19.0	2,900
San Bernardino	♦	17.8	13.2 - 22.3	5,400
San Diego	✓	12.2	8.7 - 15.7	5,400
San Francisco	✓	9.6	7.1 - 12.1	800
San Joaquin	✗	25.3	19.6 - 30.9	2,600
San Mateo	✓	11.7	9.2 - 14.3	1,000
Santa Barbara	♦	22.1	16.6 - 27.6	1,300
Santa Clara	♦	16.1	11.9 - 20.4	3,800
Sonoma	✗	24.4	19.8 - 29.1	1,300
Stanislaus	♦	22.0	16.0 - 28.1	1,700
Tulare	♦	20.5	14.2 - 26.8	1,600
Ventura	♦	20.5	15.3 - 25.8	2,200

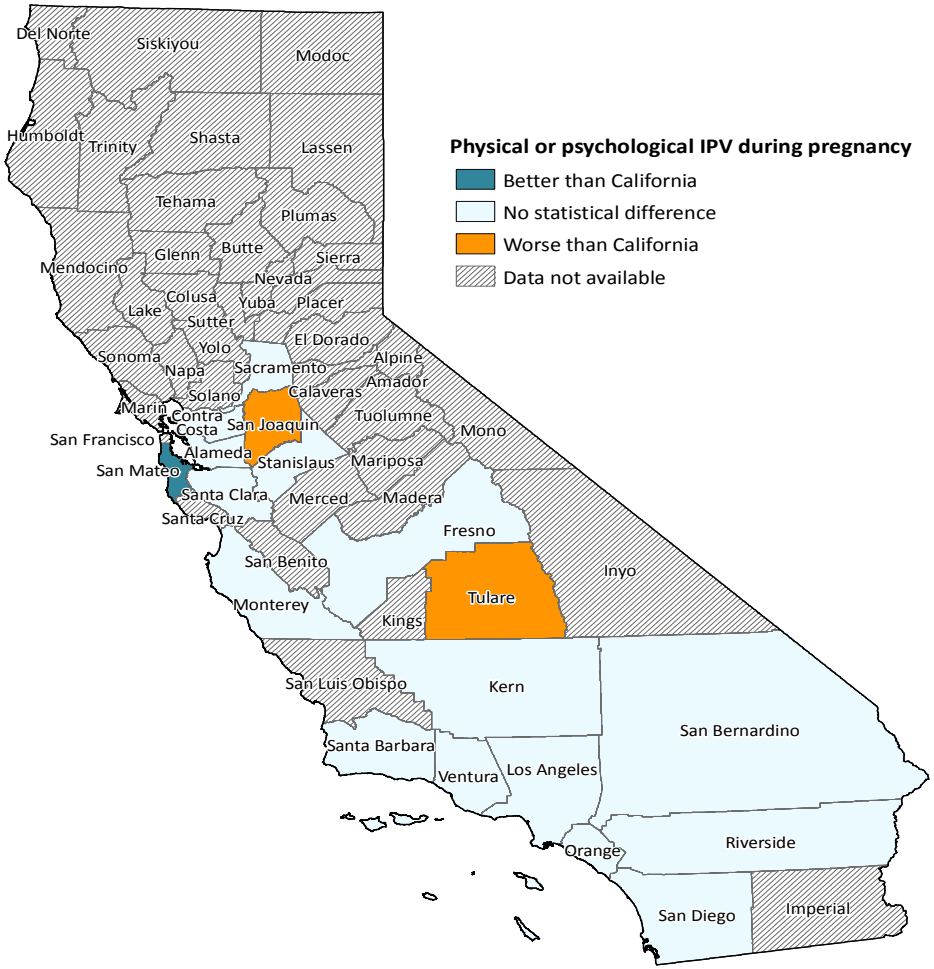
✓ Statistically better than the rest of California ($p<0.05$, chi-square test)
✗ Statistically worse than the rest of California ($p<0.05$, chi-square test)
♦ No statistical difference between county and the rest of California

Technical notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010 with a sample size of 6,817. Percent (%), 95% confidence intervals (95% CI), and estimated population numbers of women 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 in California and the county in 2010. Indicator defnitions are on the MIHA website.

MIHA is a joint 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.**

MIHA County Comparison 2010

Maternal and Infant Health Assessment (MIHA) Survey



Data Source: Maternal and Infant Health Assessment Survey
Prepared by: Maternal, Child and Adolescent Health Program, Center for Family Health, California Department of Public Health

Physical or psychological intimate partner violence (IPV) during pregnancy

County		Percent	95% CI	Population Estimate of Indicator
California		7.3	6.3 - 8.4	36,400
Alameda	♦	5.4	2.7 - 8.2	1,000
Contra Costa	♦	4.4	2.1 - 6.7	500
Fresno	♦	8.7	5.2 - 12.2	1,400
Kern	♦	9.1	5.6 - 12.7	1,300
Los Angeles	♦	6.6	3.4 - 9.8	8,600
Monterey	♦	7.0	3.6 - 10.4	500
Orange	♦	8.3	4.8 - 11.8	3,100
Riverside	♦	8.0	4.7 - 11.2	2,400
Sacramento	♦	4.5	2.2 - 6.9	900
San Bernardino	♦	10.4	6.6 - 14.3	3,200
San Diego	♦	7.8	4.4 - 11.1	3,400
San Francisco		*		
San Joaquin	✘	14.0	9.4 - 18.6	1,400
San Mateo	✓	2.9	1.4 - 4.5	300
Santa Barbara	♦	8.4	4.7 - 12.2	500
Santa Clara	♦	4.7	2.3 - 7.2	1,100
Sonoma		*		
Stanislaus	♦	8.2	4.5 - 11.9	600
Tulare	✘	12.2	7.0 - 17.3	1,000
Ventura	♦	7.4	3.8 - 10.9	800

✓ Statistically better than the rest of California (p<0.05, chi-square test)
✘ Statistically worse than the rest of California (p<0.05, chi-square test)
♦ No statistical difference between county and the rest of California

Technical notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010 with a sample size of 6,817. Percent (%), 95% confidence intervals (95% CI), and estimated population numbers of women with the health indicator (i.e., numerator of the percent rounded to the nearest hundred) are weighted to represent all women with a live birth in California and the county in 2010. * Due to frequency < 10, data are not presented. Indicator defnitions are on the MIHA website.

MIHA is a joint 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.**

MIHA County Comparison 2010

Maternal and Infant Health Assessment (MIHA) Survey

Data Source: Maternal and Infant Health Assessment Survey
Prepared by: Maternal, Child and Adolescent Health Program,
Center for Family Health, California Department of Public Health

Prenatal depression

County		Percent	95% CI	Population Estimate of Indicator
California		15.0	13.5 - 16.4	74,700
Alameda	♦	11.7	8.1 - 15.3	2,200
Contra Costa	♦	12.8	8.0 - 17.6	1,600
Fresno	♦	19.7	14.6 - 24.8	3,100
Kern	✘	21.3	16.0 - 26.6	3,000
Los Angeles	♦	14.8	10.1 - 19.5	19,400
Monterey	♦	19.1	13.5 - 24.7	1,300
Orange	♦	14.9	10.5 - 19.4	5,600
Riverside	✘	22.2	17.2 - 27.1	6,700
Sacramento	♦	17.9	13.4 - 22.4	3,500
San Bernardino	♦	18.1	13.5 - 22.8	5,600
San Diego	✓	9.2	5.7 - 12.6	4,000
San Francisco	✓	9.1	5.7 - 12.5	800
San Joaquin	♦	16.9	11.5 - 22.4	1,800
San Mateo	♦	11.5	7.0 - 16.0	1,000
Santa Barbara	✓	8.8	5.0 - 12.6	500
Santa Clara	♦	12.4	8.1 - 16.7	2,900
Sonoma	♦	11.9	8.0 - 15.8	600
Stanislaus	♦	14.5	9.8 - 19.3	1,100
Tulare	♦	20.8	14.5 - 27.2	1,700
Ventura	♦	15.1	10.1 - 20.0	1,600

✓ Statistically better than the rest of California (p<0.05, chi-square test)
✘ Statistically worse than the rest of California (p<0.05, chi-square test)
♦ No statistical difference between county and the rest of California

Technical notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010 with a sample size of 6,817. Percent (%), 95% confidence intervals (95% CI), and estimated population numbers of women 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 in California and the county in 2010. Indicator defnitions are on the MIHA website.

MIHA is a joint 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.**

MIHA County Comparison 2010

Maternal and Infant Health Assessment (MIHA) Survey

Data Source: Maternal and Infant Health Assessment Survey
Prepared by: Maternal, Child and Adolescent Health Program,
Center for Family Health, California Department of Public Health

Postpartum depression

County		Percent	95% CI	Population Estimate of Indicator
California		13.4	11.9 - 14.8	66,900
Alameda	♦	11.5	7.9 - 15.2	2,200
Contra Costa	♦	10.3	6.4 - 14.2	1,200
Fresno	♦	17.2	12.4 - 21.9	2,800
Kern	♦	17.5	12.6 - 22.5	2,500
Los Angeles	♦	14.3	9.7 - 18.9	18,600
Monterey	♦	16.0	10.9 - 21.1	1,100
Orange	♦	12.0	8.1 - 15.8	4,500
Riverside	♦	15.7	11.3 - 20.1	4,700
Sacramento	♦	12.5	8.6 - 16.4	2,500
San Bernardino	♦	11.4	7.6 - 15.3	3,500
San Diego	♦	13.8	8.9 - 18.7	6,100
San Francisco	✓	5.6	2.6 - 8.6	500
San Joaquin	♦	13.1	8.6 - 17.5	1,400
San Mateo	♦	9.4	4.8 - 13.9	800
Santa Barbara	♦	12.6	8.0 - 17.2	700
Santa Clara	♦	15.5	10.5 - 20.6	3,600
Sonoma	♦	12.0	7.9 - 16.1	600
Stanislaus	♦	15.0	10.3 - 19.8	1,200
Tulare	♦	15.7	10.1 - 21.4	1,300
Ventura	♦	11.3	6.9 - 15.6	1,200

✓ Statistically better than the rest of California ($p<0.05$, chi-square test)
✖ Statistically worse than the rest of California ($p<0.05$, chi-square test)
♦ No statistical difference between county and the rest of California

Technical notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010 with a sample size of 6,817. Percent (%), 95% confidence intervals (95% CI), and estimated population numbers of women 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 in California and the county in 2010. Indicator defnitions are on the MIHA website.

MIHA is a joint 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.**

MIHA County Comparison 2010

Maternal and Infant Health Assessment (MIHA) Survey

Data Source: Maternal and Infant Health Assessment Survey
Prepared by: Maternal, Child and Adolescent Health Program,
Center for Family Health, California Department of Public Health

Had a lot of unpaid bills during pregnancy

County		Percent	95% CI	Population Estimate of Indicator
California		21.5	19.8 - 23.1	106,800
Alameda	♦	22.7	17.7 - 27.8	4,300
Contra Costa	♦	22.3	17.1 - 27.6	2,700
Fresno	♦	22.2	17.0 - 27.4	3,500
Kern	♦	24.1	18.5 - 29.8	3,400
Los Angeles	♦	21.1	15.8 - 26.3	27,500
Monterey	♦	22.6	16.8 - 28.5	1,500
Orange	♦	19.9	15.0 - 24.8	7,400
Riverside	✘	27.4	22.1 - 32.7	8,200
Sacramento	♦	20.1	15.6 - 24.7	3,900
San Bernardino	♦	26.2	21.3 - 31.2	8,100
San Diego	♦	18.7	13.4 - 24.0	8,100
San Francisco	✓	8.7	5.8 - 11.5	700
San Joaquin	♦	24.8	19.1 - 30.5	2,600
San Mateo	✓	10.9	8.0 - 13.9	1,000
Santa Barbara	♦	26.8	20.7 - 32.8	1,500
Santa Clara	✓	15.5	10.7 - 20.2	3,600
Sonoma	♦	20.9	15.8 - 26.1	1,100
Stanislaus	♦	27.1	20.7 - 33.5	2,100
Tulare	♦	21.6	14.9 - 28.3	1,700
Ventura	♦	27.1	21.0 - 33.1	2,900

✓ Statistically better than the rest of California ($p<0.05$, chi-square test)
✘ Statistically worse than the rest of California ($p<0.05$, chi-square test)
♦ No statistical difference between county and the rest of California

Technical notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010 with a sample size of 6,817. Percent (%), 95% confidence intervals (95% CI), and estimated population numbers of women 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 in California and the county in 2010. Indicator defnitions are on the MIHA website.

MIHA is a joint 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.**

MIHA County Comparison 2010

Maternal and Infant Health Assessment (MIHA) Survey

Data Source: Maternal and Infant Health Assessment Survey
Prepared by: Maternal, Child and Adolescent Health Program,
Center for Family Health, California Department of Public Health

Woman or partner lost job during pregnancy

County		Percent	95% CI	Population Estimate of Indicator
California		19.7	18.1 - 21.4	97,700
Alameda	♦	20.7	15.8 - 25.6	3,900
Contra Costa	♦	20.9	15.8 - 25.9	2,500
Fresno	♦	18.6	13.8 - 23.3	2,900
Kern	✗	27.0	21.3 - 32.7	3,800
Los Angeles	♦	18.9	13.8 - 24.0	24,200
Monterey	♦	22.5	16.6 - 28.3	1,500
Orange	♦	23.7	18.6 - 28.9	8,900
Riverside	✗	26.1	20.9 - 31.2	7,800
Sacramento	✓	14.3	10.2 - 18.4	2,800
San Bernardino	♦	19.7	15.0 - 24.5	6,100
San Diego	♦	18.9	13.6 - 24.2	8,200
San Francisco	♦	18.7	13.4 - 24.0	1,600
San Joaquin	♦	21.3	15.5 - 27.1	2,200
San Mateo	♦	17.7	12.6 - 22.8	1,600
Santa Barbara	♦	20.4	14.9 - 25.8	1,200
Santa Clara	♦	16.8	12.2 - 21.5	3,900
Sonoma	♦	17.9	13.5 - 22.3	900
Stanislaus	♦	19.2	13.6 - 24.8	1,400
Tulare	♦	14.7	9.3 - 20.1	1,200
Ventura	♦	22.5	16.7 - 28.2	2,400

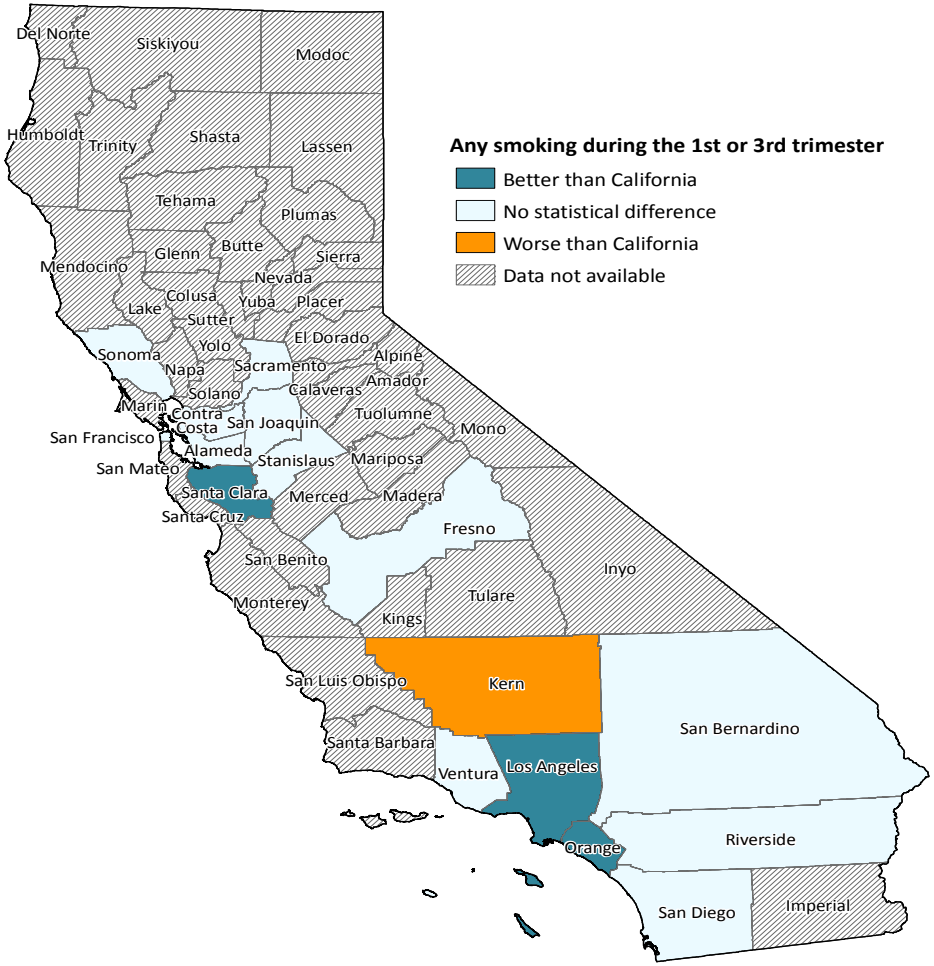
✓ Statistically better than the rest of California ($p<0.05$, chi-square test)
✗ Statistically worse than the rest of California ($p<0.05$, chi-square test)
♦ No statistical difference between county and the rest of California

Technical notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010 with a sample size of 6,817. Percent (%), 95% confidence intervals (95% CI), and estimated population numbers of women 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 in California and the county in 2010. Indicator defnitions are on the MIHA website.

MIHA is a joint 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.**

MIHA County Comparison 2010

Maternal and Infant Health Assessment (MIHA) Survey



Data Source: Maternal and Infant Health Assessment Survey
Prepared by: Maternal, Child and Adolescent Health Program, Center for Family Health, California Department of Public Health

Any smoking during the 1st or 3rd trimester

County		Percent	95% CI	Population Estimate of Indicator
California		5.6	4.9 - 6.4	28,100
Alameda	♦	5.7	2.8 - 8.6	1,100
Contra Costa	♦	8.0	4.3 - 11.8	1,000
Fresno	♦	5.5	2.9 - 8.0	900
Kern	✖	10.6	6.8 - 14.5	1,500
Los Angeles	✓	2.8	0.8 - 4.8	3,700
Monterey		*		
Orange	✓	2.0	0.7 - 3.3	800
Riverside	♦	6.3	3.4 - 9.1	1,900
Sacramento	♦	7.6	4.8 - 10.4	1,500
San Bernardino	♦	7.4	4.2 - 10.6	2,300
San Diego	♦	7.1	3.7 - 10.6	3,100
San Francisco	♦	5.1	2.5 - 7.8	400
San Joaquin	♦	7.3	3.8 - 10.7	700
San Mateo		*		
Santa Barbara		*		
Santa Clara	✓	2.0	0.6 - 3.5	500
Sonoma	♦	8.7	4.8 - 12.5	500
Stanislaus	♦	8.4	4.5 - 12.3	600
Tulare		*		
Ventura	♦	6.1	2.3 - 9.8	700

✓ Statistically better than the rest of California ($p<0.05$, chi-square test)
✖ Statistically worse than the rest of California ($p<0.05$, chi-square test)
♦ No statistical difference between county and the rest of California

Technical notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010 with a sample size of 6,817. Percent (%), 95% confidence intervals (95% CI), and estimated population numbers of women with the health indicator (i.e., numerator of the percent rounded to the nearest hundred) are weighted to represent all women with a live birth in California and the county in 2010. * Due to frequency < 10, data are not presented. Indicator defnitions are on the MIHA website.

MIHA is a joint 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.**

MIHA County Comparison 2010

Maternal and Infant Health Assessment (MIHA) Survey

Data Source: Maternal and Infant Health Assessment Survey
Prepared by: Maternal, Child and Adolescent Health Program, Center for Family Health, California Department of Public Health

Any binge drinking during the 3 months before pregnancy

County		Percent	95% CI	Population Estimate of Indicator
California		15.0	13.5 - 16.5	74,200
Alameda	♦	12.5	8.2 - 16.7	2,400
Contra Costa	♦	14.9	9.6 - 20.2	1,800
Fresno	♦	14.1	10.0 - 18.2	2,200
Kern	✓	9.0	5.7 - 12.3	1,300
Los Angeles	♦	14.4	9.9 - 19.0	18,800
Monterey	✓	9.0	5.7 - 12.3	600
Orange	♦	13.2	8.9 - 17.4	4,900
Riverside	♦	16.9	12.4 - 21.4	5,000
Sacramento	♦	13.8	9.8 - 17.8	2,700
San Bernardino	♦	15.8	11.4 - 20.2	4,800
San Diego	♦	17.9	12.1 - 23.6	7,700
San Francisco	♦	18.6	12.6 - 24.7	1,600
San Joaquin	♦	12.3	7.9 - 16.8	1,300
San Mateo	♦	9.5	5.1 - 14.0	800
Santa Barbara	♦	12.0	7.8 - 16.2	700
Santa Clara	♦	12.5	7.6 - 17.5	2,900
Sonoma	♦	19.1	13.9 - 24.2	1,000
Stanislaus	♦	18.5	13.1 - 23.8	1,400
Tulare	♦	14.4	9.0 - 19.9	1,100
Ventura	♦	10.9	6.7 - 15.1	1,200

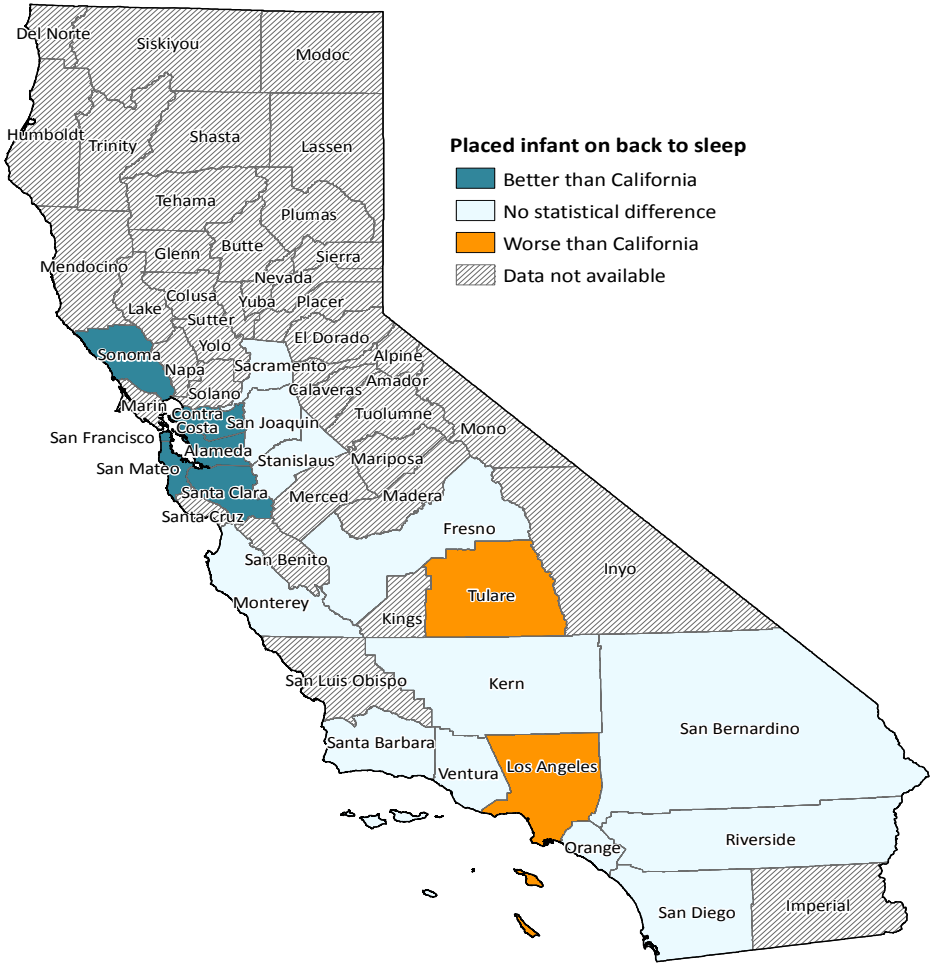
✓ Statistically better than the rest of California ($p<0.05$, chi-square test)
✖ Statistically worse than the rest of California ($p<0.05$, chi-square test)
♦ No statistical difference between county and the rest of California

Technical notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010 with a sample size of 6,817. Percent (%), 95% confidence intervals (95% CI), and estimated population numbers of women 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 in California and the county in 2010. Indicator defnitions are on the MIHA website.

MIHA is a joint 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.**

MIHA County Comparison 2010

Maternal and Infant Health Assessment (MIHA) Survey



Data Source: Maternal and Infant Health Assessment Survey
Prepared by: Maternal, Child and Adolescent Health Program, Center for Family Health, California Department of Public Health

Placed infant on back to sleep

County		Percent	95% CI	Population Estimate of Indicator
California		74.4	72.5 - 76.4	360,100
Alameda	✓	80.5	75.4 - 85.5	14,900
Contra Costa	✓	82.2	76.8 - 87.7	9,800
Fresno	♦	74.4	69.0 - 79.8	11,500
Kern	♦	73.1	67.4 - 78.8	9,900
Los Angeles	✗	67.5	61.3 - 73.7	85,100
Monterey	♦	74.1	67.7 - 80.6	4,700
Orange	♦	77.3	71.8 - 82.8	27,600
Riverside	♦	71.3	65.8 - 76.8	21,000
Sacramento	♦	78.1	73.2 - 83.0	15,100
San Bernardino	♦	76.4	71.2 - 81.6	22,700
San Diego	♦	77.3	71.1 - 83.5	32,200
San Francisco	✓	84.6	79.5 - 89.7	7,200
San Joaquin	♦	75.7	69.9 - 81.4	7,600
San Mateo	✓	81.9	75.8 - 88.0	7,200
Santa Barbara	♦	77.8	72.2 - 83.4	4,300
Santa Clara	✓	81.5	76.0 - 87.0	18,500
Sonoma	✓	82.5	77.8 - 87.2	4,300
Stanislaus	♦	73.2	66.7 - 79.7	5,600
Tulare	✗	67.0	59.6 - 74.4	5,100
Ventura	♦	72.2	65.7 - 78.7	7,600

✓ Statistically better than the rest of California ($p<0.05$, chi-square test)
✗ Statistically worse than the rest of California ($p<0.05$, chi-square test)
♦ No statistical difference between county and the rest of California

Technical notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010 with a sample size of 6,817. Percent (%), 95% confidence intervals (95% CI), and estimated population numbers of women 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 in California and the county in 2010. Indicator defnitions are on the MIHA website.

MIHA is a joint 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.**

MIHA County Comparison 2010

Maternal and Infant Health Assessment (MIHA) Survey

Data Source: Maternal and Infant Health Assessment Survey
Prepared by: Maternal, Child and Adolescent Health Program, Center for Family Health, California Department of Public Health

Exclusive breastfeeding at 3 months after delivery

County		Percent	95% CI	Population Estimate of Indicator
California		31.6	29.4 - 33.8	112,100
Alameda	✓	40.1	32.8 - 47.5	5,300
Contra Costa	✓	44.0	35.4 - 52.5	3,600
Fresno	✗	18.3	13.1 - 23.6	1,900
Kern	✗	21.2	15.0 - 27.4	2,000
Los Angeles	♦	27.0	20.8 - 33.3	27,000
Monterey	♦	33.3	25.2 - 41.3	1,500
Orange	♦	36.2	28.6 - 43.8	9,700
Riverside	♦	29.7	23.3 - 36.1	6,600
Sacramento	♦	28.2	22.0 - 34.4	3,700
San Bernardino	✗	23.6	17.5 - 29.7	4,800
San Diego	✓	39.9	31.5 - 48.3	12,100
San Francisco	✓	49.1	40.6 - 57.6	3,200
San Joaquin	♦	28.3	20.7 - 36.0	2,000
San Mateo	✓	51.6	42.3 - 60.8	2,800
Santa Barbara	♦	36.8	29.3 - 44.2	1,500
Santa Clara	♦	29.3	21.2 - 37.4	4,500
Sonoma	✓	47.6	39.2 - 56.0	1,500
Stanislaus	♦	25.2	18.2 - 32.3	1,300
Tulare	✗	11.1	6.2 - 15.9	600
Ventura	♦	29.7	22.4 - 37.1	2,300

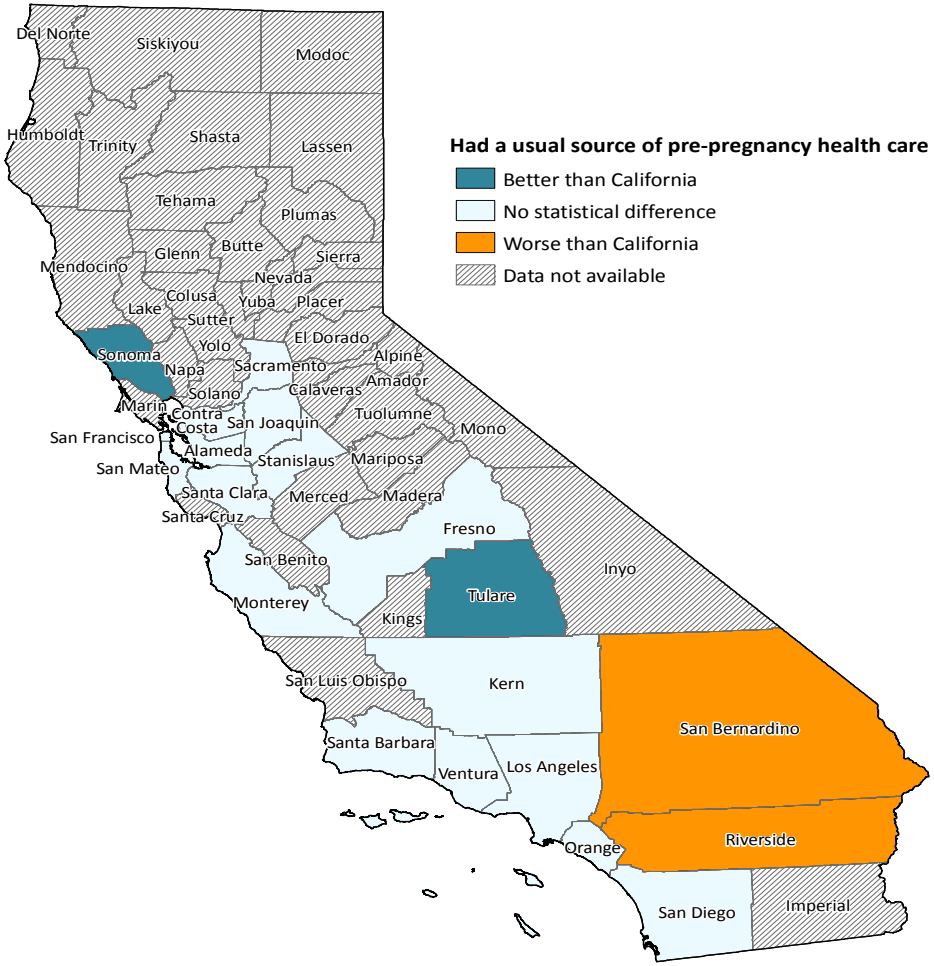
✓ Statistically better than the rest of California ($p<0.05$, chi-square test)
✗ Statistically worse than the rest of California ($p<0.05$, chi-square test)
♦ No statistical difference between county and the rest of California

Technical notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010 with a sample size of 6,817. Percent (%), 95% confidence intervals (95% CI), and estimated population numbers of women 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 in California and the county in 2010. Indicator defnitions are on the MIHA website.

MIHA is a joint 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.**

MIHA County Comparison 2010

Maternal and Infant Health Assessment (MIHA) Survey



Data Source: Maternal and Infant Health Assessment Survey
Prepared by: Maternal, Child and Adolescent Health Program,
Center for Family Health, California Department of Public Health

Had a usual source of pre-pregnancy health care

County		Percent	95% CI	Population Estimate of Indicator
California		72.8	71.0 - 74.6	363,300
Alameda	♦	77.6	72.8 - 82.4	14,700
Contra Costa	♦	77.3	72.2 - 82.5	9,300
Fresno	♦	72.8	67.4 - 78.2	11,600
Kern	♦	71.0	65.1 - 77.0	10,100
Los Angeles	♦	75.1	69.6 - 80.7	97,300
Monterey	♦	75.7	69.7 - 81.7	5,000
Orange	♦	72.4	66.9 - 77.8	27,000
Riverside	✘	64.5	59.0 - 70.0	19,500
Sacramento	♦	73.2	68.3 - 78.1	14,400
San Bernardino	✘	66.3	60.7 - 71.9	20,400
San Diego	♦	69.5	63.3 - 75.7	30,600
San Francisco	♦	78.3	72.7 - 83.8	6,700
San Joaquin	♦	76.2	70.6 - 81.8	7,900
San Mateo	♦	73.1	66.8 - 79.4	6,500
Santa Barbara	♦	73.0	67.2 - 78.8	4,200
Santa Clara	♦	74.8	68.5 - 81.2	17,500
Sonoma	✓	82.0	77.6 - 86.4	4,300
Stanislaus	♦	74.6	68.8 - 80.5	5,700
Tulare	✓	82.1	76.4 - 87.8	6,500
Ventura	♦	74.8	68.9 - 80.7	8,200

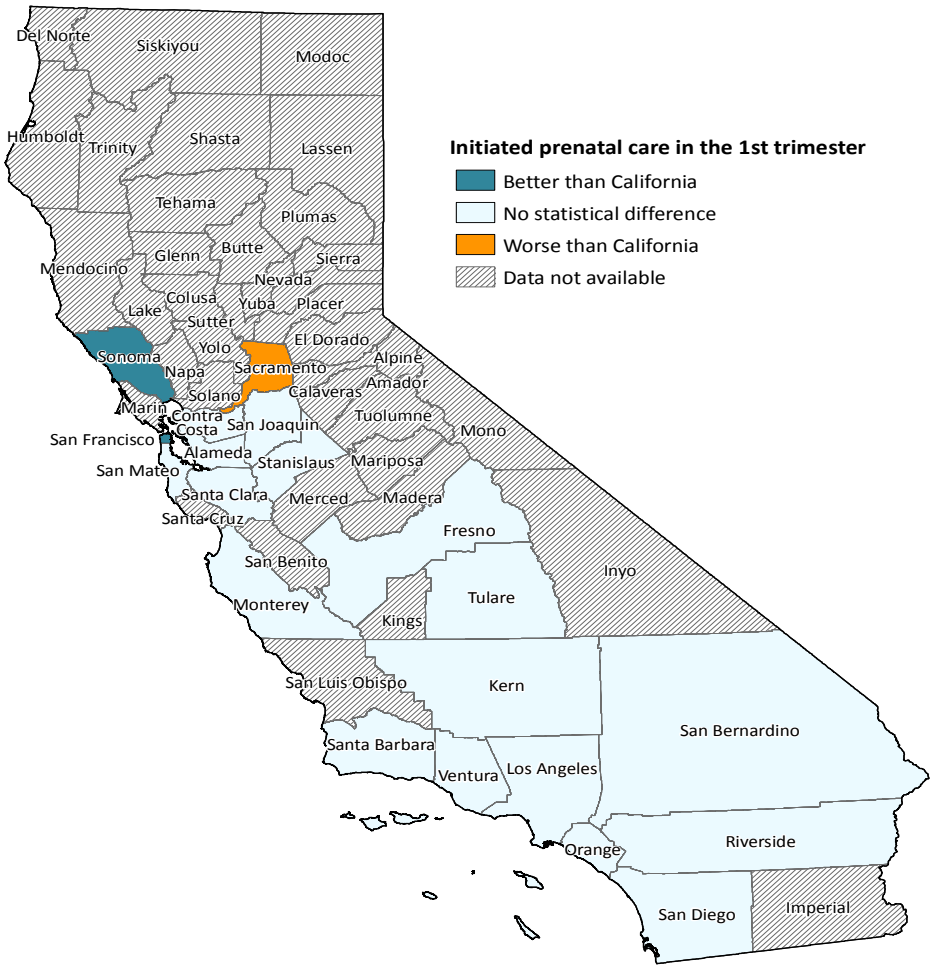
✓ Statistically better than the rest of California ($p<0.05$, chi-square test)
✘ Statistically worse than the rest of California ($p<0.05$, chi-square test)
♦ No statistical difference between county and the rest of California

Technical notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010 with a sample size of 6,817. Percent (%), 95% confidence intervals (95% CI), and estimated population numbers of women 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 in California and the county in 2010. Indicator defnitions are on the MIHA website.

MIHA is a joint 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.**

MIHA County Comparison 2010

Maternal and Infant Health Assessment (MIHA) Survey



Data Source: Maternal and Infant Health Assessment Survey
Prepared by: Maternal, Child and Adolescent Health Program,
Center for Family Health, California Department of Public Health

Initiated prenatal care in the 1st trimester

County		Percent	95% CI	Population Estimate of Indicator
California		89.1	87.8 - 90.4	441,600
Alameda	♦	87.8	84.4 - 91.3	16,400
Contra Costa	♦	89.8	85.7 - 93.8	10,700
Fresno	♦	85.4	80.8 - 90.0	13,500
Kern	♦	87.0	82.4 - 91.6	12,200
Los Angeles	♦	89.6	85.6 - 93.6	116,200
Monterey	♦	89.6	84.9 - 94.3	5,700
Orange	♦	91.8	88.0 - 95.5	34,100
Riverside	♦	91.7	88.6 - 94.7	27,400
Sacramento	✘	83.5	79.2 - 87.8	16,200
San Bernardino	♦	85.8	81.5 - 90.2	26,100
San Diego	♦	88.8	84.6 - 93.0	39,100
San Francisco	✓	93.7	90.9 - 96.4	7,700
San Joaquin	♦	90.9	87.0 - 94.8	9,300
San Mateo	♦	91.0	87.2 - 94.8	8,100
Santa Barbara	♦	85.7	80.9 - 90.5	4,900
Santa Clara	♦	91.7	88.5 - 95.0	21,200
Sonoma	✓	96.0	93.2 - 98.7	5,000
Stanislaus	♦	89.1	84.3 - 93.9	6,900
Tulare	♦	90.7	85.8 - 95.6	7,300
Ventura	♦	86.9	81.7 - 92.1	9,300

✓ Statistically better than the rest of California ($p<0.05$, chi-square test)
✘ Statistically worse than the rest of California ($p<0.05$, chi-square test)
♦ No statistical difference between county and the rest of California

Technical notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010 with a sample size of 6,817. Percent (%), 95% confidence intervals (95% CI), and estimated population numbers of women 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 in California and the county in 2010. Indicator defnitions are on the MIHA website.

MIHA is a joint 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.**

MIHA County Comparison 2010

Maternal and Infant Health Assessment (MIHA) Survey

Data Source: Maternal and Infant Health Assessment Survey
Prepared by: Maternal, Child and Adolescent Health Program, Center for Family Health, California Department of Public Health

Mom or infant needed but could not afford care postpartum

County		Percent	95% CI	Population Estimate of Indicator
California		14.0	12.5 - 15.5	68,600
Alameda	♦	12.8	9.0 - 16.6	2,400
Contra Costa	♦	12.7	8.4 - 16.9	1,500
Fresno	✓	8.4	5.1 - 11.7	1,300
Kern	♦	18.6	13.3 - 23.9	2,600
Los Angeles	♦	17.1	12.2 - 22.0	21,900
Monterey	♦	13.7	8.8 - 18.5	900
Orange	♦	13.5	9.4 - 17.6	5,000
Riverside	♦	13.0	9.2 - 16.9	3,900
Sacramento	♦	11.6	8.1 - 15.0	2,300
San Bernardino	♦	18.1	13.3 - 22.9	5,400
San Diego	✓	9.7	6.4 - 13.0	4,100
San Francisco	✓	5.7	4.0 - 7.4	500
San Joaquin	♦	15.8	10.9 - 20.7	1,600
San Mateo	✓	8.2	5.0 - 11.3	700
Santa Barbara	♦	13.7	9.0 - 18.5	800
Santa Clara	♦	11.5	7.0 - 16.1	2,700
Sonoma	♦	13.2	8.7 - 17.7	700
Stanislaus	♦	16.1	10.4 - 21.7	1,200
Tulare	♦	12.1	6.7 - 17.5	900
Ventura	♦	15.2	10.3 - 20.0	1,600

✓ Statistically better than the rest of California ($p<0.05$, chi-square test)
✖ Statistically worse than the rest of California ($p<0.05$, chi-square test)
♦ No statistical difference between county and the rest of California

Technical notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010 with a sample size of 6,817. Percent (%), 95% confidence intervals (95% CI), and estimated population numbers of women 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 in California and the county in 2010. Indicator defnitions are on the MIHA website.

MIHA is a joint 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.**

MIHA County Comparison 2010

Maternal and Infant Health Assessment (MIHA) Survey

Data Source: Maternal and Infant Health Assessment Survey
Prepared by: Maternal, Child and Adolescent Health Program,
Center for Family Health, California Department of Public Health

Uninsured before pregnancy

County		Percent	95% CI	Population Estimate of Indicator
California		20.4	18.8 - 22.0	100,400
Alameda	✓	14.7	11.5 - 18.0	2,800
Contra Costa	♦	18.8	14.7 - 22.8	2,200
Fresno	♦	20.3	15.4 - 25.2	3,200
Kern	♦	20.1	14.9 - 25.2	2,800
Los Angeles	♦	21.8	16.5 - 27.1	27,700
Monterey	✗	27.5	21.3 - 33.6	1,800
Orange	♦	23.0	18.5 - 27.6	8,500
Riverside	♦	24.5	19.6 - 29.3	7,200
Sacramento	✓	13.4	10.1 - 16.7	2,600
San Bernardino	✗	25.6	20.6 - 30.7	7,800
San Diego	♦	20.2	15.5 - 24.9	8,700
San Francisco	✓	10.4	8.0 - 12.7	900
San Joaquin	♦	17.3	12.4 - 22.3	1,800
San Mateo	✓	14.2	11.5 - 16.8	1,300
Santa Barbara	♦	23.7	18.3 - 29.1	1,300
Santa Clara	✓	13.4	9.9 - 16.8	3,100
Sonoma	♦	19.3	15.1 - 23.4	1,000
Stanislaus	♦	19.0	13.5 - 24.4	1,400
Tulare	♦	17.8	11.8 - 23.9	1,400
Ventura	✗	26.5	20.8 - 32.1	2,800

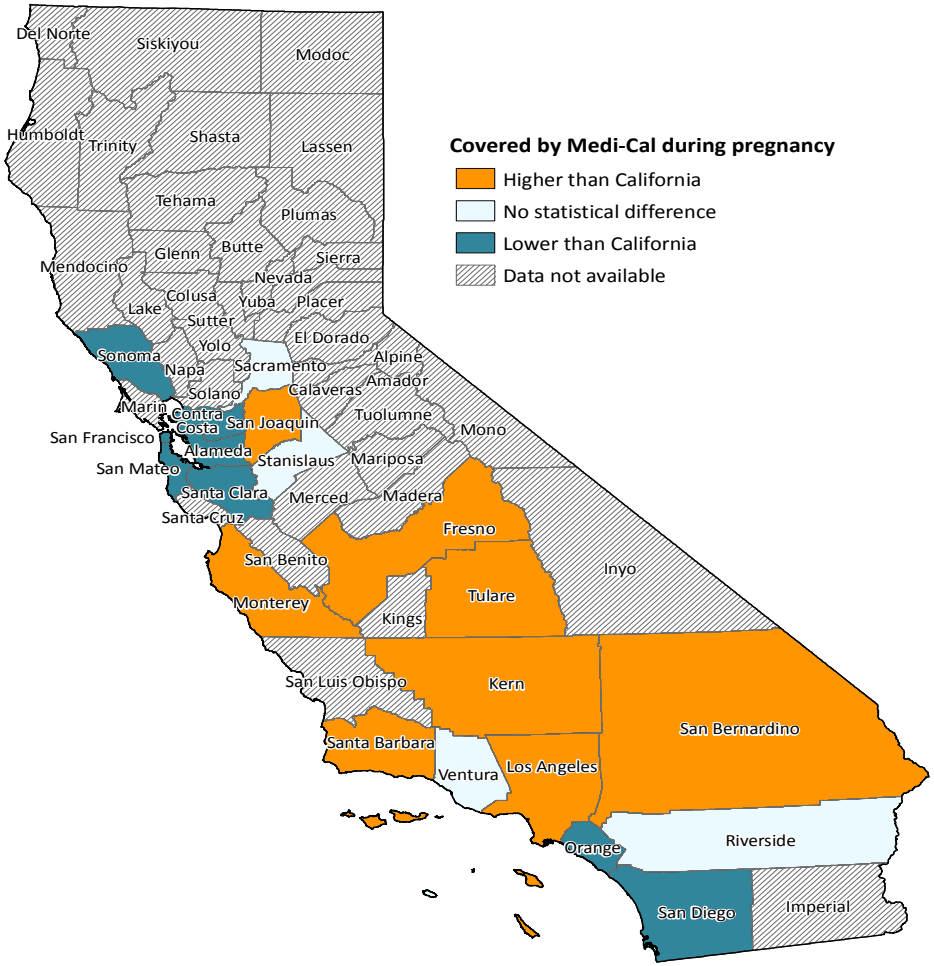
✓ Statistically better than the rest of California ($p<0.05$, chi-square test)
✗ Statistically worse than the rest of California ($p<0.05$, chi-square test)
♦ No statistical difference between county and the rest of California

Technical notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010 with a sample size of 6,817. Percent (%), 95% confidence intervals (95% CI), and estimated population numbers of women 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 in California and the county in 2010. Indicator defnitions are on the MIHA website.

MIHA is a joint 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.**

MIHA County Comparison 2010

Maternal and Infant Health Assessment (MIHA) Survey



Data Source: Maternal and Infant Health Assessment Survey
Prepared by: Maternal, Child and Adolescent Health Program,
Center for Family Health, California Department of Public Health

Covered by Medi-Cal during pregnancy

County		Percent	95% CI	Population Estimate of Indicator
California		52.0	50.5 - 53.5	259,800
Alameda	↓	41.6	37.7 - 45.4	7,900
Contra Costa	↓	39.9	35.8 - 44.0	4,800
Fresno	↑	70.0	65.9 - 74.0	11,200
Kern	↑	67.8	63.2 - 72.3	9,600
Los Angeles	↑	57.4	52.7 - 62.1	75,100
Monterey	↑	63.8	59.1 - 68.4	4,200
Orange	↓	44.8	40.5 - 49.0	16,800
Riverside	♦	54.2	50.0 - 58.3	16,300
Sacramento	♦	52.5	48.6 - 56.5	10,300
San Bernardino	↑	59.7	55.4 - 64.1	18,400
San Diego	↓	35.8	31.3 - 40.3	15,700
San Francisco	↓	31.5	27.3 - 35.7	2,700
San Joaquin	↑	59.8	54.7 - 64.9	6,200
San Mateo	↓	34.8	30.5 - 39.1	3,100
Santa Barbara	↑	57.5	52.5 - 62.4	3,300
Santa Clara	↓	41.5	36.0 - 47.0	9,700
Sonoma	↓	45.0	41.3 - 48.7	2,400
Stanislaus	♦	55.7	50.4 - 61.0	4,300
Tulare	↑	76.5	71.5 - 81.6	6,200
Ventura	♦	52.8	49.4 - 56.3	5,700

↓ Statistically lower than the rest of California ($p<0.05$, chi-square test)
↑ Statistically higher than the rest of California ($p<0.05$, chi-square test)
♦ No statistical difference between county and the rest of California

Technical notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010 with a sample size of 6,817. Percent (%), 95% confidence intervals (95% CI), and estimated population numbers of women 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 in California and the county in 2010. Indicator defnitions are on the MIHA website.

MIHA is a joint 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.**

MIHA County Comparison 2010

Maternal and Infant Health Assessment (MIHA) Survey

Data Source: Maternal and Infant Health Assessment Survey
Prepared by: Maternal, Child and Adolescent Health Program,
Center for Family Health, California Department of Public Health

Uninsured postpartum

County		Percent	95% CI	Population Estimate of Indicator
California		17.3	15.7 - 18.8	84,900
Alameda	✓	9.6	6.4 - 12.7	1,800
Contra Costa	♦	13.6	9.9 - 17.2	1,600
Fresno	♦	14.9	10.4 - 19.3	2,400
Kern	♦	13.7	9.1 - 18.2	1,900
Los Angeles	♦	18.9	13.9 - 24.0	24,400
Monterey	✗	29.6	23.2 - 36.0	1,900
Orange	✗	22.1	18.0 - 26.1	8,100
Riverside	♦	21.0	16.3 - 25.7	6,100
Sacramento	✓	11.6	8.3 - 14.9	2,200
San Bernardino	♦	19.8	15.0 - 24.6	6,000
San Diego	♦	16.8	12.2 - 21.4	7,200
San Francisco	✓	8.4	5.6 - 11.2	700
San Joaquin	♦	16.4	11.6 - 21.1	1,700
San Mateo	✓	11.9	8.3 - 15.5	1,000
Santa Barbara	♦	20.1	15.0 - 25.3	1,100
Santa Clara	✓	9.9	7.4 - 12.5	2,300
Sonoma	✗	22.5	17.9 - 27.1	1,200
Stanislaus	♦	16.6	11.5 - 21.6	1,300
Tulare	♦	18.7	12.5 - 24.9	1,500
Ventura	✗	23.5	18.2 - 28.9	2,500

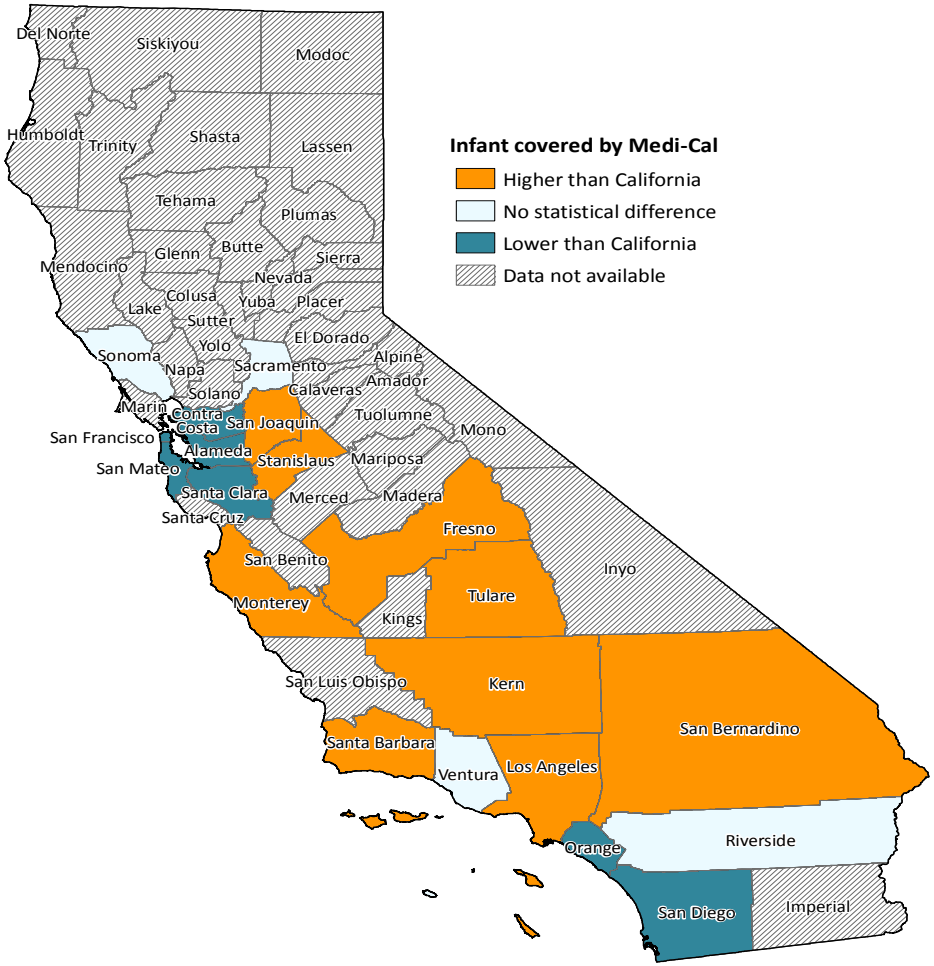
✓ Statistically better than the rest of California ($p<0.05$, chi-square test)
✗ Statistically worse than the rest of California ($p<0.05$, chi-square test)
♦ No statistical difference between county and the rest of California

Technical notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010 with a sample size of 6,817. Percent (%), 95% confidence intervals (95% CI), and estimated population numbers of women 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 in California and the county in 2010. Indicator defnitions are on the MIHA website.

MIHA is a joint 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.**

MIHA County Comparison 2010

Maternal and Infant Health Assessment (MIHA) Survey



Data Source: Maternal and Infant Health Assessment Survey
Prepared by: Maternal, Child and Adolescent Health Program, Center for Family Health, California Department of Public Health

Infant covered by Medi-Cal

County		Percent	95% CI	Population Estimate of Indicator
California		49.0	47.3 - 50.6	237,900
Alameda	↓	36.3	32.7 - 39.9	6,800
Contra Costa	↓	38.3	34.4 - 42.2	4,600
Fresno	↑	67.9	63.5 - 72.2	10,500
Kern	↑	60.2	54.8 - 65.6	8,200
Los Angeles	↑	54.7	49.2 - 60.1	68,700
Monterey	↑	63.2	58.0 - 68.3	4,000
Orange	↓	44.6	40.9 - 48.4	16,400
Riverside	♦	50.2	45.5 - 54.8	14,800
Sacramento	♦	49.6	45.6 - 53.7	9,600
San Bernardino	↑	54.3	49.5 - 59.1	16,200
San Diego	↓	33.3	28.6 - 38.0	14,000
San Francisco	↓	27.3	23.8 - 30.8	2,300
San Joaquin	↑	56.3	51.0 - 61.5	5,700
San Mateo	↓	27.1	25.0 - 29.3	2,400
Santa Barbara	↑	60.4	56.0 - 64.7	3,400
Santa Clara	↓	33.5	29.7 - 37.3	7,700
Sonoma	♦	50.8	46.8 - 54.7	2,600
Stanislaus	↑	56.7	51.5 - 61.9	4,300
Tulare	↑	74.0	68.9 - 79.2	5,700
Ventura	♦	50.0	45.9 - 54.1	5,200

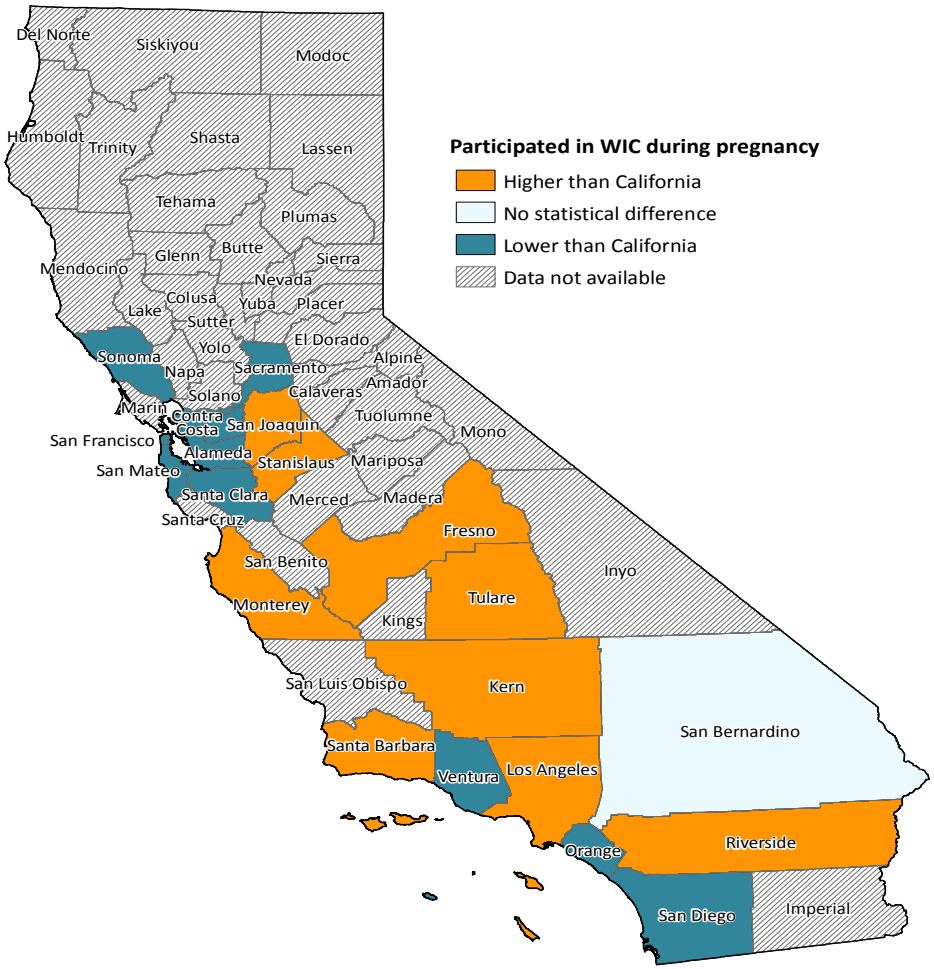
↓ Statistically lower than the rest of California ($p<0.05$, chi-square test)
↑ Statistically higher than the rest of California ($p<0.05$, chi-square test)
♦ No statistical difference between county and the rest of California

Technical notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010 with a sample size of 6,817. Percent (%), 95% confidence intervals (95% CI), and estimated population numbers of women 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 in California and the county in 2010. Indicator defnitions are on the MIHA website.

MIHA is a joint 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.**

MIHA County Comparison 2010

Maternal and Infant Health Assessment (MIHA) Survey



Data Source: Maternal and Infant Health Assessment Survey
Prepared by: Maternal, Child and Adolescent Health Program, Center for Family Health, California Department of Public Health

Participated in WIC during pregnancy

County		Percent	95% CI	Population Estimate of Indicator
California		55.1	54.1 - 56.2	275,400
Alameda	↓	39.6	36.8 - 42.5	7,500
Contra Costa	↓	40.2	37.2 - 43.1	4,900
Fresno	↑	72.2	69.3 - 75.1	11,500
Kern	↑	72.7	69.1 - 76.4	10,300
Los Angeles	↑	65.1	62.3 - 68.0	85,200
Monterey	↑	65.9	62.6 - 69.2	4,400
Orange	↓	49.2	45.8 - 52.6	18,500
Riverside	↑	58.2	55.3 - 61.1	17,500
Sacramento	↓	48.8	45.3 - 52.3	9,600
San Bernardino	♦	57.9	54.5 - 61.4	17,700
San Diego	↓	46.7	42.5 - 50.9	20,500
San Francisco	↓	31.2	26.9 - 35.4	2,700
San Joaquin	↑	63.9	61.2 - 66.6	6,600
San Mateo	↓	31.4	27.9 - 34.8	2,800
Santa Barbara	↑	62.4	59.6 - 65.2	3,600
Santa Clara	↓	34.8	30.6 - 39.0	8,100
Sonoma	↓	46.4	42.4 - 50.3	2,400
Stanislaus	↑	59.9	55.7 - 64.1	4,600
Tulare	↑	69.4	63.7 - 75.1	5,600
Ventura	↓	51.0	48.0 - 54.0	5,600

↓ Statistically lower than the rest of California ($p<0.05$, chi-square test)
↑ Statistically higher than the rest of California ($p<0.05$, chi-square test)
♦ No statistical difference between county and the rest of California

Technical notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010 with a sample size of 6,817. Percent (%), 95% confidence intervals (95% CI), and estimated population numbers of women 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 in California and the county in 2010. Indicator defnitions are on the MIHA website.

MIHA is a joint 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 Disparitiesin Health at the University of California, San Francisco. **Visit the MIHA website at www.cdph.ca.gov/MIHA.**

MIHA County Comparison 2010

Maternal and Infant Health Assessment (MIHA) Survey

Data Source: Maternal and Infant Health Assessment Survey
Prepared by: Maternal, Child and Adolescent Health Program, Center for Family Health, California Department of Public Health

Received CalFresh (food stamps) during pregnancy

County		Percent	95% CI	Population Estimate of Indicator
California		22.4	20.9 - 24.0	111,700
Alameda	↓	17.7	14.3 - 21.0	3,300
Contra Costa	↓	12.0	9.1 - 14.9	1,500
Fresno	↑	47.1	41.5 - 52.8	7,500
Kern	↑	37.4	31.4 - 43.4	5,300
Los Angeles	♦	22.6	17.5 - 27.6	29,200
Monterey	♦	26.3	20.2 - 32.5	1,800
Orange	↓	11.1	7.7 - 14.5	4,100
Riverside	♦	20.9	16.2 - 25.6	6,300
Sacramento	↑	28.7	24.0 - 33.4	5,600
San Bernardino	↑	30.8	25.6 - 35.9	9,400
San Diego	↓	14.6	10.9 - 18.2	6,400
San Francisco	↓	9.8	7.5 - 12.1	800
San Joaquin	↑	31.6	25.8 - 37.5	3,300
San Mateo	↓	10.4	7.9 - 12.9	900
Santa Barbara	♦	20.0	14.8 - 25.2	1,100
Santa Clara	↓	12.4	8.7 - 16.0	2,900
Sonoma	♦	17.9	13.6 - 22.2	900
Stanislaus	♦	22.6	17.0 - 28.2	1,700
Tulare	↑	48.8	41.3 - 56.3	3,900
Ventura	♦	19.5	14.3 - 24.6	2,100

↓ Statistically lower than the rest of California ($p<0.05$, chi-square test)
↑ Statistically higher than the rest of California ($p<0.05$, chi-square test)
♦ No statistical difference between county and the rest of California

Technical notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010 with a sample size of 6,817. Percent (%), 95% confidence intervals (95% CI), and estimated population numbers of women 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 in California and the county in 2010. Indicator defnitions are on the MIHA website.

MIHA is a joint 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.**

MIHA County Comparison 2010

Maternal and Infant Health Assessment (MIHA) Survey

Data Source: Maternal and Infant Health Assessment Survey
Prepared by: Maternal, Child and Adolescent Health Program,
Center for Family Health, California Department of Public Health

Speaks non-English language at home

County		Percent	95% CI	Population Estimate of Indicator
California		33.5	31.6 - 35.5	167,000
Alameda	♦	35.9	30.5 - 41.3	6,800
Contra Costa	↓	26.1	21.0 - 31.2	3,200
Fresno	♦	29.5	23.8 - 35.2	4,700
Kern	♦	32.0	26.1 - 38.0	4,500
Los Angeles	↑	39.9	33.7 - 46.0	52,000
Monterey	↑	55.5	49.8 - 61.2	3,700
Orange	♦	38.1	32.0 - 44.2	14,300
Riverside	♦	28.0	22.6 - 33.3	8,400
Sacramento	↓	26.1	21.2 - 30.9	5,100
San Bernardino	↓	23.1	18.1 - 28.1	7,000
San Diego	♦	30.3	24.2 - 36.5	13,300
San Francisco	♦	31.4	25.3 - 37.4	2,600
San Joaquin	♦	33.6	27.4 - 39.7	3,400
San Mateo	♦	38.2	30.8 - 45.6	3,400
Santa Barbara	♦	35.5	29.6 - 41.4	2,000
Santa Clara	↑	42.7	35.6 - 49.8	9,900
Sonoma	↓	26.3	22.5 - 30.1	1,400
Stanislaus	♦	30.2	24.3 - 36.1	2,300
Tulare	♦	28.5	21.5 - 35.4	2,300
Ventura	♦	35.9	30.1 - 41.6	3,900

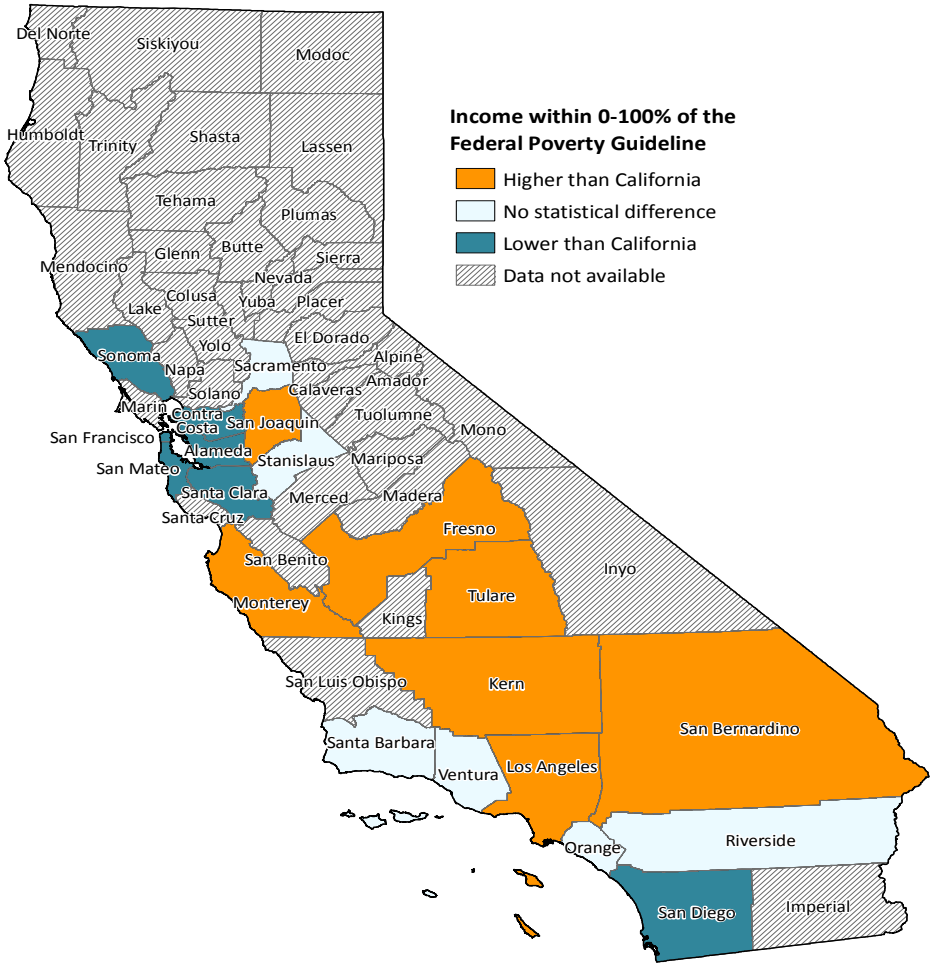
↓ Statistically lower than the rest of California ($p<0.05$, chi-square test)
↑ Statistically higher than the rest of California ($p<0.05$, chi-square test)
♦ No statistical difference between county and the rest of California

Technical notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010 with a sample size of 6,817. Percent (%), 95% confidence intervals (95% CI), and estimated population numbers of women 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 in California and the county in 2010. Indicator defnitions are on the MIHA website.

MIHA is a joint 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.**

MIHA County Comparison 2010

Maternal and Infant Health Assessment (MIHA) Survey



Data Source: Maternal and Infant Health Assessment Survey
Prepared by: Maternal, Child and Adolescent Health Program, Center for Family Health, California Department of Public Health

Income within 0-100% of the Federal Poverty Guideline

County		Percent	95% CI	Population Estimate of Indicator
California		44.0	42.3 - 45.7	206,700
Alameda	↓	32.5	28.2 - 36.8	5,800
Contra Costa	↓	33.6	29.0 - 38.3	4,000
Fresno	↑	58.4	53.2 - 63.6	8,700
Kern	↑	61.6	56.3 - 67.0	7,900
Los Angeles	↑	50.1	44.6 - 55.5	61,600
Monterey	↑	52.6	46.4 - 58.8	3,200
Orange	♦	39.6	34.7 - 44.6	14,000
Riverside	♦	43.6	38.6 - 48.6	12,100
Sacramento	♦	42.0	37.5 - 46.4	7,900
San Bernardino	↑	49.6	44.5 - 54.7	14,400
San Diego	↓	34.0	28.4 - 39.5	14,100
San Francisco	↓	26.2	21.8 - 30.6	2,100
San Joaquin	↑	50.3	44.5 - 56.1	4,900
San Mateo	↓	27.7	23.3 - 32.2	2,300
Santa Barbara	♦	46.7	40.8 - 52.5	2,400
Santa Clara	↓	30.1	25.4 - 34.9	6,500
Sonoma	↓	33.9	29.1 - 38.7	1,700
Stanislaus	♦	46.3	39.9 - 52.7	3,400
Tulare	↑	63.0	56.2 - 69.9	4,700
Ventura	♦	46.6	41.4 - 51.8	4,600

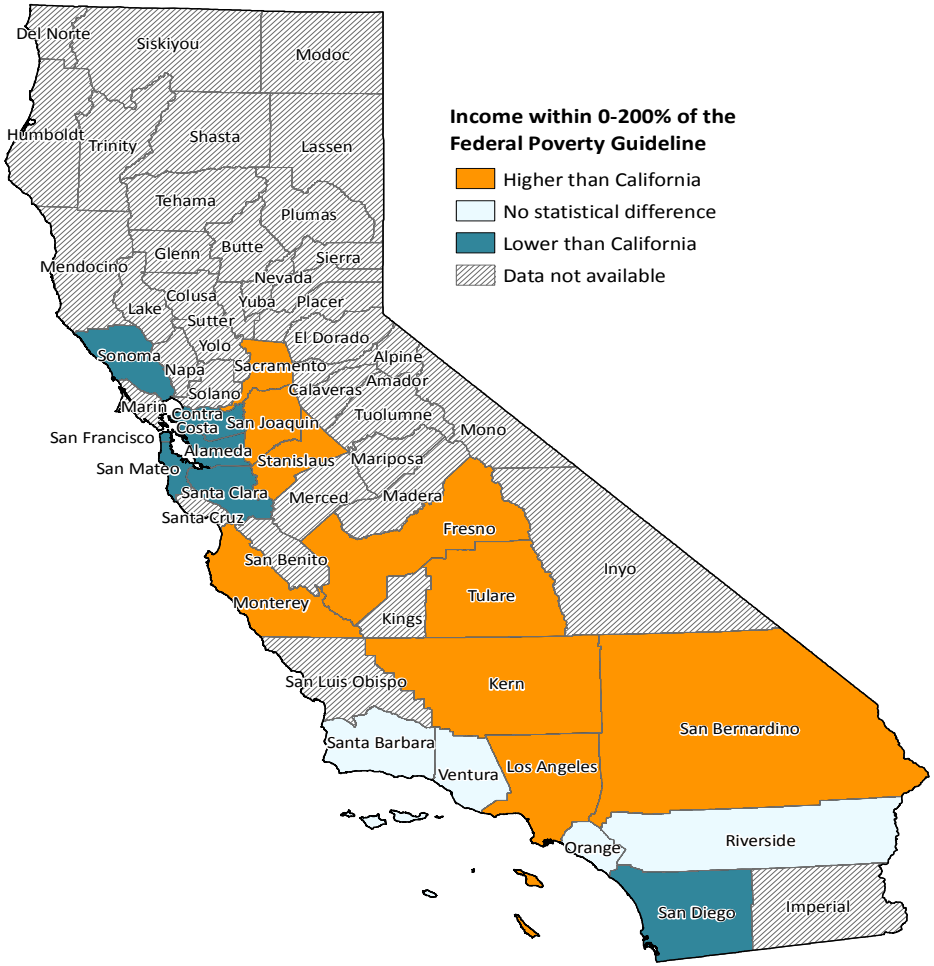
↓ Statistically lower than the rest of California ($p<0.05$, chi-square test)
↑ Statistically higher than the rest of California ($p<0.05$, chi-square test)
♦ No statistical difference between county and the rest of California

Technical notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010 with a sample size of 6,817. Percent (%), 95% confidence intervals (95% CI), and estimated population numbers of women 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 in California and the county in 2010. Indicator defnitions are on the MIHA website.

MIHA is a joint 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.**

MIHA County Comparison 2010

Maternal and Infant Health Assessment (MIHA) Survey



Data Source: Maternal and Infant Health Assessment Survey
Prepared by: Maternal, Child and Adolescent Health Program, Center for Family Health, California Department of Public Health

Income within 0-200% of the Federal Poverty Guideline

County		Percent	95% CI	Population Estimate of Indicator
California		64.0	62.7 - 65.3	300,700
Alameda	↓	51.6	46.8 - 56.3	9,200
Contra Costa	↓	46.1	41.7 - 50.6	5,400
Fresno	↑	79.5	76.6 - 82.5	11,900
Kern	↑	79.0	75.7 - 82.4	10,100
Los Angeles	↑	70.2	66.9 - 73.5	86,300
Monterey	↑	75.1	71.7 - 78.5	4,600
Orange	♦	59.7	54.7 - 64.7	21,100
Riverside	♦	65.4	61.4 - 69.4	18,200
Sacramento	↑	68.3	64.5 - 72.1	12,800
San Bernardino	↑	72.6	68.8 - 76.4	21,100
San Diego	↓	55.3	49.3 - 61.3	23,000
San Francisco	↓	39.0	33.5 - 44.5	3,100
San Joaquin	↑	69.2	64.6 - 73.8	6,800
San Mateo	↓	43.6	37.5 - 49.7	3,600
Santa Barbara	♦	67.7	63.4 - 72.0	3,500
Santa Clara	↓	44.1	38.5 - 49.7	9,500
Sonoma	↓	58.2	53.1 - 63.3	2,900
Stanislaus	↑	76.1	71.5 - 80.8	5,500
Tulare	↑	83.4	80.0 - 86.8	6,200
Ventura	♦	63.9	58.8 - 68.9	6,300

↓ Statistically lower than the rest of California ($p<0.05$, chi-square test)
↑ Statistically higher than the rest of California ($p<0.05$, chi-square test)
♦ No statistical difference between county and the rest of California

Technical notes: MIHA is an annual population-based survey of California resident women with a live birth in 2010 with a sample size of 6,817. Percent (%), 95% confidence intervals (95% CI), and estimated population numbers of women 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 in California and the county in 2010. Indicator defnitions are on the MIHA website.

MIHA is a joint 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.**

Statewide Snapshots

"I hope this survey will benefit my family in the long run. We are a family of 5 with 3 kids under 5 and we live in a motel because we do not qualify for help. My 2.5 year old shows signs of autism. We need help!"

— MIHA 2010 Respondent

MIHA Snapshot, California by Maternal Age, 2010

Maternal and Infant Health Assessment (MIHA) Survey

MATERNAL, CHILD & ADOLESCENT HEALTH
California Department of Public Health

	Total			15-19 Years			20-34 Years			35 Years or Older		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
Total	100		501,100	8.9	7.7 - 10.0	44,400	71.8	69.9 - 73.8	360,000	19.3	17.6 - 21.0	96,800
Prior Poor Birth Outcomes												
Prior low birth weight or preterm delivery	9.6	8.4 - 10.9	48,100	7.1	2.3 - 11.9	3,100	9.5	8.1 - 10.9	34,100	11.3	8.0 - 14.5	10,900
Prior delivery by c-section	16.6	14.9 - 18.3	83,200	4.8	0.8 - 8.8	2,100	15.3	13.4 - 17.1	54,900	27.0	22.2 - 31.9	26,200
Health Status												
In excellent/good health before pregnancy	89.0	87.7 - 90.4	445,300	86.6	81.3 - 91.8	38,300	89.8	88.3 - 91.2	322,400	87.5	83.8 - 91.2	84,600
Chronic conditions before or during pregnancy												
Diabetes or gestational diabetes	12.1	10.7 - 13.4	60,200	5.1	2.1 - 8.0	2,200	10.4	9.0 - 11.8	37,200	21.5	17.1 - 25.9	20,800
Hypertension, preeclampsia or eclampsia	10.0	8.8 - 11.3	49,100	10.4	6.3 - 14.5	4,500	10.3	8.9 - 11.8	36,400	8.7	5.7 - 11.8	8,200
Asthma	7.1	6.2 - 8.0	35,300	10.9	6.6 - 15.2	4,800	7.4	6.3 - 8.4	26,200	4.4	2.7 - 6.2	4,200
Nutrition and Weight												
Daily folic acid use, month before pregnancy	33.1	31.2 - 35.0	165,500	23.9	17.5 - 30.2	10,600	31.1	29.0 - 33.3	111,900	44.6	39.5 - 49.8	43,100
Overweight before pregnancy	25.1	23.2 - 27.0	116,400	23.3	16.7 - 29.8	9,400	24.8	22.7 - 27.0	82,600	27.0	22.0 - 32.0	24,500
Obese before pregnancy	20.0	18.3 - 21.8	92,800	11.5	6.3 - 16.7	4,600	21.2	19.2 - 23.3	70,600	19.4	15.4 - 23.3	17,600
Inadequate weight gain during pregnancy	17.9	16.0 - 19.7	68,000	22.9	15.6 - 30.3	7,700	15.9	13.9 - 17.8	43,600	23.1	17.8 - 28.4	16,700
Excessive weight gain during pregnancy	43.5	41.2 - 45.9	165,800	39.7	31.8 - 47.7	13,400	44.4	41.8 - 47.1	122,100	41.8	36.1 - 47.6	30,300
Food insecurity during pregnancy	18.8	17.2 - 20.4	93,900	26.2	20.0 - 32.4	11,600	19.5	17.6 - 21.4	69,900	12.9	9.4 - 16.4	12,400
Intimate Partner Violence (IPV) and Depression												
Physical IPV in the year before pregnancy	2.8	2.1 - 3.5	14,200	5.2	2.4 - 8.0	2,300	3.0	2.1 - 3.9	10,700	1.2	0.5 - 2.0	1,200
Physical or psychological IPV during pregnancy	7.3	6.3 - 8.4	36,400	14.2	10.4 - 18.1	6,300	7.0	5.8 - 8.2	25,100	5.2	2.9 - 7.6	5,000
Prenatal depression	15.0	13.5 - 16.4	74,700	20.0	14.9 - 25.2	8,900	14.7	13.0 - 16.3	52,700	13.7	9.9 - 17.5	13,200
Postpartum depression	13.4	11.9 - 14.8	66,900	14.8	10.4 - 19.3	6,600	12.6	11.0 - 14.2	45,300	15.7	11.4 - 19.9	15,000
Hardships and Support during Pregnancy												
Had "a lot" of unpaid bills	21.5	19.8 - 23.1	106,800	14.9	10.0 - 19.8	6,600	22.3	20.4 - 24.3	79,800	21.2	16.7 - 25.7	20,400
Moved	28.8	27.0 - 30.7	143,700	46.6	39.5 - 53.8	20,600	29.9	27.8 - 32.0	107,100	16.7	13.0 - 20.3	16,100
Woman or partner lost job	19.7	18.1 - 21.4	97,700	18.1	13.1 - 23.2	8,000	20.7	18.8 - 22.6	73,700	16.9	13.1 - 20.8	16,000
Became separated or divorced	8.1	6.9 - 9.2	40,200	14.7	9.6 - 19.8	6,500	8.3	7.0 - 9.6	29,700	4.2	1.8 - 6.6	4,000
Had no practical or emotional support	5.8	4.8 - 6.7	28,800	2.1	1.0 - 3.3	900	5.6	4.6 - 6.6	20,000	8.1	5.1 - 11.1	7,900
Substance Use												
Any smoking, 3 months before pregnancy	12.5	11.2 - 13.7	62,000	15.5	10.5 - 20.6	6,900	13.5	12.0 - 15.0	48,300	7.0	4.3 - 9.7	6,800
Any smoking, 1st or 3rd trimester	5.6	4.9 - 6.4	28,100	5.5	3.6 - 7.3	2,400	6.4	5.5 - 7.4	23,000	2.7	1.3 - 4.1	2,600
Any binge drinking, 3 months before pregnancy	15.0	13.5 - 16.5	74,200	11.3	7.3 - 15.4	5,000	16.9	15.0 - 18.7	60,000	9.6	6.7 - 12.6	9,200
Any alcohol use, 1st or 3rd trimester	12.1	10.8 - 13.4	60,400	6.2	4.0 - 8.4	2,700	11.5	10.1 - 13.0	41,300	17.0	13.2 - 20.8	16,400
Postpartum Discussions with Provider												
Discussed birth spacing	39.4	37.1 - 41.7	158,400	48.2	40.6 - 55.8	18,800	37.6	35.1 - 40.2	111,600	42.1	35.9 - 48.3	28,000
Discussed postpartum birth control	87.6	86.0 - 89.1	432,900	91.6	87.9 - 95.4	39,900	88.2	86.5 - 89.9	313,400	83.4	78.9 - 87.8	79,700
Infant Sleep and Breastfeeding												
Placed infant on back to sleep	74.4	72.5 - 76.4	360,100	67.6	60.5 - 74.7	29,000	75.2	73.1 - 77.4	261,900	74.6	69.5 - 79.6	69,200
Intended to breastfeed, before birth	91.3	90.2 - 92.5	449,300	87.3	82.8 - 91.7	38,300	91.1	89.8 - 92.4	322,800	94.3	92.0 - 96.6	88,200
Intended to breastfeed exclusively, before birth	60.6	58.6 - 62.6	298,200	42.3	35.3 - 49.2	18,500	62.3	60.0 - 64.6	220,900	62.8	57.6 - 68.0	58,700
Breastfeeding practices												
Any breastfeeding, 1 month after delivery	77.7	76.0 - 79.4	380,600	57.8	50.6 - 65.0	25,200	79.2	77.3 - 81.0	279,300	81.5	77.1 - 85.9	76,100
Exclusive breastfeeding, 1 month after delivery	46.4	44.4 - 48.4	227,200	24.2	18.8 - 29.6	10,600	48.7	46.3 - 51.1	171,800	48.0	42.9 - 53.2	44,800
Any breastfeeding, 3 months after delivery	59.5	57.0 - 61.9	211,000	30.8	23.9 - 37.8	10,200	61.3	58.5 - 64.1	155,100	66.4	60.2 - 72.6	45,700
Exclusive breastfeeding, 3 months after delivery	31.6	29.4 - 33.8	112,100	9.9	5.8 - 14.1	3,300	33.5	30.8 - 36.2	84,700	34.9	29.1 - 40.6	24,000

MIHA Snapshot, California by Maternal Age, 2010

Maternal and Infant Health Assessment (MIHA) Survey

	Total			15-19 Years			20-34 Years			35 Years or Older		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
Health Insurance Coverage												
Pre-pregnancy insurance												
Medi-Cal	29.7	28.0 - 31.5	146,300	62.4	55.8 - 69.0	26,800	29.3	27.2 - 31.4	103,600	16.6	12.5 - 20.6	15,800
Uninsured	20.4	18.8 - 22.0	100,400	20.2	14.9 - 25.6	8,700	23.2	21.2 - 25.2	82,100	10.1	7.5 - 12.7	9,600
Private or other	49.8	48.3 - 51.4	245,200	17.4	12.7 - 22.2	7,500	47.5	45.5 - 49.5	168,000	73.3	68.9 - 77.7	69,700
Prenatal insurance												
Medi-Cal	52.0	50.5 - 53.5	259,800	88.8	85.1 - 92.4	39,300	53.5	51.5 - 55.5	192,000	29.6	25.0 - 34.2	28,600
Uninsured	2.9	2.2 - 3.7	14,700	2.5	1.3 - 3.8	1,100	3.5	2.5 - 4.4	12,400	1.2	0.7 - 1.8	1,200
Private or other	45.1	43.7 - 46.5	225,100	8.7	5.3 - 12.1	3,800	43.1	41.2 - 44.9	154,500	69.2	64.5 - 73.8	66,800
Maternal postpartum insurance												
Medi-Cal	35.3	33.6 - 37.1	173,600	70.2	63.7 - 76.8	30,100	35.4	33.3 - 37.6	125,100	19.2	15.0 - 23.4	18,400
Uninsured	17.3	15.7 - 18.8	84,900	16.9	11.4 - 22.4	7,300	19.3	17.4 - 21.2	68,100	10.0	7.1 - 12.8	9,500
Private or other	47.4	45.9 - 48.9	232,900	12.9	8.3 - 17.4	5,500	45.3	43.3 - 47.2	159,700	70.8	66.2 - 75.4	67,700
Infant health insurance												
Medi-Cal	49.0	47.3 - 50.6	237,900	86.0	80.9 - 91.2	36,700	50.4	48.4 - 52.5	176,800	26.3	21.8 - 30.9	24,400
Healthy Families	3.8	3.1 - 4.6	18,600	3.0	0.2 - 5.8	1,300	4.3	3.3 - 5.3	15,000	2.5	1.5 - 3.4	2,300
Uninsured	3.4	2.5 - 4.3	16,700	5.9	1.7 - 10.1	2,500	3.3	2.3 - 4.2	11,400	3.0	0.6 - 5.3	2,700
Private or other	43.8	42.3 - 45.3	212,800	5.1	3.0 - 7.2	2,200	42.0	40.1 - 44.0	147,200	68.3	63.5 - 73.1	63,400
Health Care and Public Program Utilization												
Had a usual source of pre-pregnancy care	72.8	71.0 - 74.6	363,300	59.0	52.2 - 65.7	26,100	71.8	69.6 - 73.9	256,900	83.2	79.6 - 86.7	80,200
Initiated prenatal care in 1st trimester	89.1	87.8 - 90.4	441,600	74.6	68.6 - 80.5	32,400	89.5	88.0 - 91.0	319,200	94.1	91.9 - 96.2	89,900
Had a postpartum medical visit	85.9	84.4 - 87.3	427,300	75.5	69.5 - 81.5	32,800	85.7	84.0 - 87.4	306,700	91.0	88.0 - 94.0	87,800
Mom or infant needed but couldn't afford care postpartum	14.0	12.5 - 15.5	68,600	15.8	10.3 - 21.3	6,900	14.8	13.0 - 16.5	52,200	10.2	6.9 - 13.5	9,600
Participated in WIC during pregnancy	55.1	54.1 - 56.2	275,400	87.9	83.3 - 92.5	38,900	56.7	55.0 - 58.3	203,600	34.3	29.5 - 39.1	33,000
Received CalFresh (food stamps) during pregnancy	22.4	20.9 - 24.0	111,700	33.6	26.9 - 40.3	14,900	24.0	22.1 - 25.9	85,700	11.6	8.1 - 15.0	11,100
Maternal Demographics												
Did not complete high school (or GED)	20.4	18.8 - 22.0	101,900	51.1	44.0 - 58.1	22,400	18.6	16.7 - 20.4	66,600	13.4	10.0 - 16.8	12,900
Unmarried	42.7	40.9 - 44.6	213,500	93.5	91.5 - 95.6	41,400	41.3	39.1 - 43.5	148,100	24.9	20.4 - 29.4	24,000
Race/Ethnicity												
Hispanic	50.6	48.9 - 52.2	249,000	71.3	65.5 - 77.0	31,200	50.6	48.6 - 52.7	179,300	40.6	35.5 - 45.8	38,500
Black	6.0	5.8 - 6.2	29,500	11.1	7.2 - 15.1	4,900	5.6	5.0 - 6.3	19,900	5.0	3.1 - 6.9	4,700
White	29.3	27.8 - 30.8	144,200	11.1	8.2 - 13.9	4,800	31.1	29.2 - 33.0	110,000	31.0	26.7 - 35.3	29,400
Asian/Pacific Islander	13.7	12.2 - 15.2	67,600	6.2	2.3 - 10.0	2,700	12.1	10.5 - 13.7	42,800	23.4	18.7 - 28.0	22,100
Nativity and Language												
Born outside the U.S.	41.4	39.4 - 43.3	207,300	22.9	16.5 - 29.3	10,200	41.0	38.7 - 43.3	147,500	51.3	46.2 - 56.4	49,600
Speaks non-English language at home	33.5	31.6 - 35.5	167,000	22.9	16.5 - 29.2	10,000	34.5	32.3 - 36.8	123,600	34.7	29.7 - 39.7	33,500

* Due to frequency < 10 women or infants, data are not presented.

Technical notes: The Maternal and Infant Health Assessment (MIHA) is an annual population-based survey of California resident women with a live birth in 2010, with a sample size of 6,817. Percent (%), 95% confidence intervals (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 2010. Prior low birth weight (<2,500 g) or preterm delivery (<37 weeks gestation) is presented for all women. More information on MIHA and the indicators above is on the MIHA website.

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.**

MIHA Snapshot, California by Race/Ethnicity, 2010

Maternal and Infant Health Assessment (MIHA) Survey

MATERNAL, CHILD & ADOLESCENT HEALTH
California Department of Public Health

	Total			Hispanic			Black			White			Asian/Pacific Islander		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
Total	100		501,100	50.6	48.9 - 52.2	249,000	6.0	5.8 - 6.2	29,500	29.3	27.8 - 30.8	144,200	13.7	12.2 - 15.2	67,600
Prior Poor Birth Outcomes															
Prior low birth weight or preterm delivery	9.6	8.4 - 10.9	48,100	9.7	7.7 - 11.6	24,000	12.8	7.1 - 18.5	3,800	7.7	6.0 - 9.4	11,100	11.5	7.5 - 15.5	7,700
Prior delivery by c-section	16.6	14.9 - 18.3	83,200	17.7	15.1 - 20.2	44,000	20.0	13.1 - 26.9	5,900	15.2	12.6 - 17.8	21,900	15.2	10.4 - 20.0	10,300
Health Status															
In excellent/good health before pregnancy	89.0	87.7 - 90.4	445,300	84.4	82.1 - 86.8	209,500	88.4	82.5 - 94.4	26,100	95.1	93.8 - 96.5	137,100	93.2	90.9 - 95.5	63,000
Chronic conditions before or during pregnancy															
Diabetes or gestational diabetes	12.1	10.7 - 13.4	60,200	12.8	10.9 - 14.7	31,700	8.7	4.0 - 13.4	2,500	6.6	5.1 - 8.1	9,500	22.4	16.7 - 28.2	15,100
Hypertension, preeclampsia or eclampsia	10.0	8.8 - 11.3	49,100	9.8	7.8 - 11.7	23,500	15.5	10.4 - 20.5	4,500	9.3	7.8 - 10.9	13,300	10.4	6.3 - 14.5	6,900
Asthma	7.1	6.2 - 8.0	35,300	5.5	4.3 - 6.8	13,600	15.4	10.0 - 20.9	4,500	9.0	7.3 - 10.6	12,900	4.9	2.5 - 7.3	3,300
Nutrition and Weight															
Daily folic acid use, month before pregnancy	33.1	31.2 - 35.0	165,500	28.5	25.7 - 31.4	70,900	22.1	16.4 - 27.8	6,500	40.7	37.4 - 44.0	58,700	37.5	31.5 - 43.4	25,300
Overweight before pregnancy	25.1	23.2 - 27.0	116,400	31.0	27.9 - 34.2	66,900	27.1	19.7 - 34.6	7,800	19.5	16.9 - 22.2	27,800	16.4	11.6 - 21.2	10,900
Obese before pregnancy	20.0	18.3 - 21.8	92,800	23.5	20.6 - 26.3	50,600	29.7	22.2 - 37.2	8,600	19.4	16.4 - 22.3	27,500	6.7	4.2 - 9.1	4,400
Inadequate weight gain during pregnancy	17.9	16.0 - 19.7	68,000	20.8	17.8 - 23.9	36,700	14.7	10.4 - 19.0	3,100	12.7	10.2 - 15.2	15,100	21.8	16.2 - 27.4	12,300
Excessive weight gain during pregnancy	43.5	41.2 - 45.9	165,800	40.9	37.3 - 44.6	72,100	54.0	45.0 - 63.0	11,300	50.3	46.6 - 53.9	59,700	32.8	26.5 - 39.2	18,500
Food insecurity during pregnancy	18.8	17.2 - 20.4	93,900	25.0	22.3 - 27.7	62,000	23.1	16.1 - 30.1	6,800	9.1	7.5 - 10.6	13,100	14.7	9.9 - 19.5	9,900
Intimate Partner Violence (IPV) and Depression															
Physical IPV in the year before pregnancy	2.8	2.1 - 3.5	14,200	2.9	1.9 - 3.9	7,200	7.2	2.6 - 11.8	2,000	2.5	1.3 - 3.6	3,500	2.0	0.2 - 3.7	1,300
Physical or psychological IPV during pregnancy	7.3	6.3 - 8.4	36,400	8.7	7.1 - 10.4	21,600	12.2	6.4 - 18.0	3,500	5.3	3.8 - 6.8	7,600	4.7	2.4 - 7.0	3,100
Prenatal depression	15.0	13.5 - 16.4	74,700	17.5	15.1 - 19.9	43,400	18.3	11.9 - 24.7	5,400	11.0	9.1 - 12.9	15,800	12.1	8.3 - 16.0	8,200
Postpartum depression	13.4	11.9 - 14.8	66,900	15.3	13.0 - 17.6	38,000	12.2	6.6 - 17.8	3,600	11.1	9.1 - 13.1	16,000	11.1	7.3 - 14.9	7,500
Hardships and Support during Pregnancy															
Had "a lot" of unpaid bills	21.5	19.8 - 23.1	106,800	23.8	21.1 - 26.5	58,700	31.9	24.9 - 38.8	9,400	18.9	16.4 - 21.3	27,100	12.9	8.8 - 17.1	8,700
Moved	28.8	27.0 - 30.7	143,700	30.5	27.6 - 33.4	75,400	36.9	29.3 - 44.4	10,900	28.1	25.2 - 31.0	40,400	21.0	16.5 - 25.4	14,200
Woman or partner lost job	19.7	18.1 - 21.4	97,700	24.1	21.5 - 26.7	59,200	21.8	16.5 - 27.1	6,400	14.8	12.4 - 17.1	21,100	13.7	9.6 - 17.8	9,200
Became separated or divorced	8.1	6.9 - 9.2	40,200	9.8	7.9 - 11.8	24,300	19.4	13.2 - 25.5	5,700	4.9	3.7 - 6.1	7,000	3.1	1.6 - 4.6	2,100
Had no practical or emotional support	5.8	4.8 - 6.7	28,800	8.1	6.5 - 9.7	20,100	5.9	1.9 - 9.8	1,700	1.6	1.0 - 2.2	2,300	5.9	2.9 - 8.9	4,000
Substance Use															
Any smoking, 3 months before pregnancy	12.5	11.2 - 13.7	62,000	8.0	6.5 - 9.6	19,800	18.8	12.2 - 25.4	5,400	20.7	18.1 - 23.3	29,700	7.6	4.0 - 11.2	5,200
Any smoking, 1st or 3rd trimester	5.6	4.9 - 6.4	28,100	2.7	1.9 - 3.5	6,800	12.3	6.8 - 17.7	3,500	10.8	8.9 - 12.6	15,400	2.0	1.1 - 2.9	1,300
Any binge drinking, 3 months before pregnancy	15.0	13.5 - 16.5	74,200	12.6	10.5 - 14.7	31,000	10.7	5.8 - 15.5	3,100	20.5	17.8 - 23.2	29,300	12.0	7.5 - 16.5	8,000
Any alcohol use, 1st or 3rd trimester	12.1	10.8 - 13.4	60,400	8.6	6.9 - 10.2	21,200	11.1	6.5 - 15.7	3,300	19.2	16.5 - 21.8	27,600	9.6	5.7 - 13.5	6,500
Postpartum Discussions with Provider															
Discussed birth spacing	39.4	37.1 - 41.7	158,400	39.4	36.0 - 42.8	80,500	42.0	33.5 - 50.6	10,300	35.0	31.3 - 38.6	39,800	47.8	40.7 - 54.9	24,100
Discussed postpartum birth control	87.6	86.0 - 89.1	432,900	84.7	82.1 - 87.2	208,500	85.4	79.3 - 91.5	24,500	91.6	89.8 - 93.5	131,300	89.8	85.9 - 93.6	58,900
Infant Sleep and Breastfeeding															
Placed infant on back to sleep	74.4	72.5 - 76.4	360,100	72.8	69.8 - 75.8	174,500	63.4	55.5 - 71.3	17,800	79.1	76.3 - 81.9	111,400	74.4	68.4 - 80.3	48,300
Intended to breastfeed, before birth	91.3	90.2 - 92.5	449,300	90.6	88.8 - 92.4	221,300	84.8	79.2 - 90.4	24,600	92.3	90.6 - 94.0	131,600	94.3	92.4 - 96.2	62,200
Intended to breastfeed exclusively, before birth	60.6	58.6 - 62.6	298,200	51.3	48.1 - 54.4	125,300	49.9	42.1 - 57.7	14,500	78.6	76.1 - 81.0	111,900	59.0	53.0 - 65.0	38,900
Breastfeeding practices															
Any breastfeeding, 1 month after delivery	77.7	76.0 - 79.4	380,600	72.5	69.6 - 75.4	176,400	68.6	61.2 - 76.1	19,800	83.9	81.5 - 86.2	118,700	86.7	83.5 - 89.9	57,100
Exclusive breastfeeding, 1 month after delivery	46.4	44.4 - 48.4	227,200	37.5	34.6 - 40.4	91,200	40.9	33.4 - 48.5	11,800	61.3	58.0 - 64.5	86,700	47.3	41.1 - 53.5	31,200
Any breastfeeding, 3 months after delivery	59.5	57.0 - 61.9	211,000	51.2	47.5 - 55.0	94,100	47.4	38.8 - 56.1	10,400	69.9	66.3 - 73.5	67,400	75.0	69.5 - 80.6	33,800
Exclusive breastfeeding, 3 months after delivery	31.6	29.4 - 33.8	112,100	21.7	18.8 - 24.6	39,900	24.6	17.1 - 32.0	5,400	48.6	44.5 - 52.7	46,800	37.8	30.3 - 45.4	17,100

MIHA Snapshot, California by Race/Ethnicity, 2010

Maternal and Infant Health Assessment (MIHA) Survey

	Total			Hispanic			Black			White			Asian/Pacific Islander		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
Health Insurance Coverage															
Pre-pregnancy insurance															
Medi-Cal	29.7	28.0 - 31.5	146,300	40.7	37.7 - 43.8	98,100	47.7	39.9 - 55.4	14,100	15.0	12.8 - 17.3	21,600	14.7	11.1 - 18.4	9,800
Uninsured	20.4	18.8 - 22.0	100,400	28.5	25.7 - 31.3	68,600	16.8	10.1 - 23.4	4,900	11.6	9.6 - 13.6	16,700	11.7	7.5 - 15.9	7,800
Private or other	49.8	48.3 - 51.4	245,200	30.8	28.1 - 33.4	74,100	35.6	29.4 - 41.8	10,500	73.4	70.7 - 76.1	105,600	73.6	68.4 - 78.7	49,200
Prenatal insurance															
Medi-Cal	52.0	50.5 - 53.5	259,800	69.5	66.9 - 72.2	172,500	68.0	61.9 - 74.0	20,000	29.2	26.4 - 32.0	42,000	29.8	24.6 - 35.0	20,100
Uninsured	2.9	2.2 - 3.7	14,700	4.6	3.2 - 5.9	11,300	0.7	0.2 - 1.1	200	1.2	0.6 - 1.7	1,700	1.8	0.7 - 3.0	1,200
Private or other	45.1	43.7 - 46.5	225,100	25.9	23.5 - 28.3	64,300	31.3	25.3 - 37.4	9,200	69.6	66.9 - 72.4	100,200	68.4	63.1 - 73.6	46,200
Maternal postpartum insurance															
Medi-Cal	35.3	33.6 - 37.1	173,600	45.6	42.5 - 48.7	110,000	59.0	51.3 - 66.7	17,300	21.0	18.5 - 23.5	30,100	19.1	14.8 - 23.3	12,800
Uninsured	17.3	15.7 - 18.8	84,900	26.4	23.7 - 29.2	63,800	12.6	6.1 - 19.1	3,700	7.6	5.9 - 9.2	10,900	6.6	3.6 - 9.7	4,400
Private or other	47.4	45.9 - 48.9	232,900	28.0	25.4 - 30.6	67,500	28.4	22.1 - 34.8	8,300	71.4	68.7 - 74.2	102,400	74.3	69.4 - 79.2	49,800
Infant health insurance															
Medi-Cal	49.0	47.3 - 50.6	237,900	67.4	64.6 - 70.3	161,700	65.6	58.6 - 72.6	18,900	26.7	23.9 - 29.5	37,800	22.9	18.3 - 27.5	15,000
Healthy Families	3.8	3.1 - 4.6	18,600	5.4	4.0 - 6.8	13,000	1.0	0.3 - 1.6	300	2.2	1.6 - 2.9	3,200	2.9	1.3 - 4.5	1,900
Uninsured	3.4	2.5 - 4.3	16,700	4.3	2.8 - 5.8	10,300	6.4	1.5 - 11.4	1,900	2.1	1.4 - 2.8	2,900	1.7	0.0 - 4.0	1,100
Private or other	43.8	42.3 - 45.3	212,800	22.9	20.4 - 25.3	54,900	27.0	21.1 - 32.8	7,800	69.0	66.1 - 71.8	97,500	72.5	67.4 - 77.6	47,700
Health Care and Public Program Utilization															
Had a usual source of pre-pregnancy care	72.8	71.0 - 74.6	363,300	70.1	67.3 - 72.9	173,000	74.5	67.6 - 81.4	21,900	77.3	74.7 - 80.0	111,500	74.4	69.0 - 79.8	50,300
Initiated prenatal care in 1st trimester	89.1	87.8 - 90.4	441,600	88.0	85.9 - 90.1	216,400	84.1	77.5 - 90.6	24,500	91.5	89.9 - 93.2	131,100	90.6	87.9 - 93.3	60,500
Had a postpartum medical visit	85.9	84.4 - 87.3	427,300	80.4	77.8 - 82.9	198,400	82.7	76.3 - 89.0	24,000	93.0	91.5 - 94.5	133,600	92.2	89.6 - 94.8	62,300
Mom or infant needed but couldn't afford care postpartum	14.0	12.5 - 15.5	68,600	17.5	14.9 - 20.0	42,500	13.9	8.5 - 19.3	4,100	10.0	8.1 - 11.9	14,300	8.9	5.8 - 12.1	5,900
Participated in WIC during pregnancy	55.1	54.1 - 56.2	275,400	77.9	75.9 - 79.9	193,600	70.8	67.3 - 74.3	20,800	25.3	22.6 - 28.0	36,500	29.1	23.6 - 34.7	19,600
Received CalFresh (food stamps) during pregnancy	22.4	20.9 - 24.0	111,700	26.9	24.2 - 29.6	66,300	54.9	48.1 - 61.7	16,100	15.0	12.9 - 17.2	21,700	7.8	5.5 - 10.2	5,300
Maternal Demographics															
Age															
15-19	8.9	7.7 - 10.0	44,400	12.5	10.5 - 14.6	31,200	16.5	10.2 - 22.8	4,900	3.4	2.5 - 4.2	4,800	4.0	1.5 - 6.5	2,700
20-34	71.8	69.9 - 73.8	360,000	72.0	69.1 - 74.9	179,300	67.4	59.7 - 75.1	19,900	76.3	73.4 - 79.1	110,000	63.3	57.1 - 69.4	42,800
35+	19.3	17.6 - 21.0	96,800	15.5	13.0 - 18.0	38,500	16.0	10.0 - 22.0	4,700	20.4	17.6 - 23.1	29,400	32.8	26.8 - 38.8	22,100
Did not complete high school (or GED)	20.4	18.8 - 22.0	101,900	33.8	30.8 - 36.7	83,800	21.4	14.2 - 28.6	6,200	5.1	4.0 - 6.2	7,400	4.1	2.6 - 5.5	2,700
Unmarried	42.7	40.9 - 44.6	213,500	56.0	52.9 - 59.0	138,800	71.3	65.3 - 77.4	20,800	25.0	22.3 - 27.6	36,000	19.9	15.3 - 24.5	13,400
Income as a percent of the Federal Poverty Guideline															
0-100%	44.0	42.3 - 45.7	206,700	62.5	59.5 - 65.5	144,900	57.8	50.9 - 64.7	15,500	22.6	19.8 - 25.3	31,200	17.4	13.4 - 21.5	10,900
101-200%	20.0	18.3 - 21.7	94,100	22.7	19.9 - 25.4	52,600	19.7	13.9 - 25.5	5,300	16.2	14.0 - 18.4	22,400	19.4	13.7 - 25.1	12,100
201-300%	8.0	7.0 - 9.1	37,800	4.9	3.6 - 6.1	11,300	9.1	4.5 - 13.7	2,400	12.3	10.0 - 14.6	17,000	9.7	6.4 - 12.9	6,000
301-400%	6.5	5.6 - 7.4	30,400	3.4	2.5 - 4.4	7,900	3.2	1.0 - 5.3	900	12.0	9.6 - 14.3	16,500	7.5	5.0 - 10.1	4,700
>400%	21.5	20.1 - 22.8	100,800	6.5	5.1 - 7.9	15,100	10.2	6.8 - 13.5	2,700	37.0	33.7 - 40.2	51,200	45.9	39.7 - 52.2	28,700
Nativity and Language															
Born outside the U.S.	41.4	39.4 - 43.3	207,300	53.7	50.7 - 56.8	133,800	9.6	5.0 - 14.1	2,800	11.8	9.2 - 14.3	17,000	75.6	70.5 - 80.6	51,000
Speaks non-English language at home	33.5	31.6 - 35.5	167,000	47.1	44.0 - 50.2	116,800	3.8	2.2 - 5.4	1,100	8.3	5.9 - 10.6	11,800	51.8	45.7 - 58.0	34,900

* Due to frequency < 10 women or infants, data are not presented.

Technical notes: The Maternal and Infant Health Assessment (MIHA) is an annual population-based survey of California resident women with a live birth in 2010, with a sample size of 6,817. Percent (%), 95% confidence intervals (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 2010. Prior low birth weight (<2,500 g) or preterm delivery (<37 weeks gestation) is presented for all women. More information on MIHA and the indicators above is on the MIHA website.

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.**

MIHA Snapshot, California by Income, 2010

Maternal and Infant Health Assessment (MIHA) Survey

MATERNAL, CHILD & ADOLESCENT HEALTH
California Department of Public Health

	Total			0-100% Federal Poverty Guideline			101-200% Federal Poverty Guideline			> 200% Federal Poverty Guideline		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
Total	100		501,100	44.0	42.3 - 45.7	206,700	20.0	18.3 - 21.7	94,100	36.0	34.7 - 37.3	169,000
Prior Poor Birth Outcomes												
Prior low birth weight or preterm delivery	9.6	8.4 - 10.9	48,100	9.7	7.8 - 11.5	19,900	13.5	9.5 - 17.4	12,600	7.1	5.4 - 8.7	11,900
Prior delivery by c-section	16.6	14.9 - 18.3	83,200	17.2	14.5 - 20.0	35,600	17.3	13.5 - 21.1	16,300	15.9	13.2 - 18.7	26,900
Health Status												
In excellent/good health before pregnancy	89.0	87.7 - 90.4	445,300	84.2	81.7 - 86.7	173,300	88.2	84.9 - 91.4	82,900	96.6	95.5 - 97.7	163,300
Chronic conditions before or during pregnancy												
Diabetes or gestational diabetes	12.1	10.7 - 13.4	60,200	10.7	9.1 - 12.3	22,000	18.3	13.7 - 22.9	17,200	10.3	8.2 - 12.5	17,400
Hypertension, preeclampsia or eclampsia	10.0	8.8 - 11.3	49,100	10.0	8.0 - 12.0	20,000	12.6	8.9 - 16.2	11,500	8.8	7.1 - 10.4	14,700
Asthma	7.1	6.2 - 8.0	35,300	7.4	6.1 - 8.7	15,100	7.3	4.8 - 9.8	6,800	6.7	5.2 - 8.3	11,300
Nutrition and Weight												
Daily folic acid use, month before pregnancy	33.1	31.2 - 35.0	165,500	23.9	21.0 - 26.8	49,200	29.1	24.5 - 33.7	27,400	47.0	43.6 - 50.4	79,400
Overweight before pregnancy	25.1	23.2 - 27.0	116,400	27.8	24.5 - 31.2	50,500	28.4	23.8 - 33.0	25,300	20.1	17.5 - 22.7	33,600
Obese before pregnancy	20.0	18.3 - 21.8	92,800	24.4	21.3 - 27.5	44,300	25.6	21.2 - 29.9	22,800	14.0	11.6 - 16.4	23,400
Inadequate weight gain during pregnancy	17.9	16.0 - 19.7	68,000	19.7	16.7 - 22.8	28,500	18.1	13.9 - 22.2	12,800	15.4	12.4 - 18.4	22,100
Excessive weight gain during pregnancy	43.5	41.2 - 45.9	165,800	44.6	40.6 - 48.5	64,400	42.0	36.7 - 47.3	29,800	43.4	39.7 - 47.0	62,200
Food insecurity during pregnancy	18.8	17.2 - 20.4	93,900	31.3	28.2 - 34.4	64,300	19.6	15.4 - 23.8	18,400	3.3	2.2 - 4.4	5,500
Intimate Partner Violence (IPV) and Depression												
Physical IPV in the year before pregnancy	2.8	2.1 - 3.5	14,200	3.9	2.8 - 5.1	8,100	3.3	1.2 - 5.4	3,100	1.5	0.6 - 2.4	2,500
Physical or psychological IPV during pregnancy	7.3	6.3 - 8.4	36,400	11.2	9.4 - 13.1	23,000	8.0	5.0 - 11.0	7,500	2.5	1.4 - 3.5	4,100
Prenatal depression	15.0	13.5 - 16.4	74,700	20.1	17.5 - 22.8	41,600	16.0	12.3 - 19.7	15,000	8.1	6.4 - 9.8	13,700
Postpartum depression	13.4	11.9 - 14.8	66,900	16.8	14.2 - 19.4	34,600	12.7	9.6 - 15.9	11,900	10.4	8.2 - 12.5	17,500
Hardships and Support during Pregnancy												
Had "a lot" of unpaid bills	21.5	19.8 - 23.1	106,800	29.8	26.7 - 32.8	61,200	24.2	20.1 - 28.3	22,600	10.5	8.6 - 12.4	17,500
Moved	28.8	27.0 - 30.7	143,700	35.1	32.0 - 38.3	72,400	29.5	25.3 - 33.6	27,600	20.9	18.2 - 23.5	35,100
Woman or partner lost job	19.7	18.1 - 21.4	97,700	27.6	24.7 - 30.5	56,400	20.1	16.2 - 23.9	18,700	10.4	8.4 - 12.4	17,300
Became separated or divorced	8.1	6.9 - 9.2	40,200	14.1	11.7 - 16.5	29,100	4.8	3.5 - 6.0	4,500	2.4	1.4 - 3.4	4,000
Had no practical or emotional support	5.8	4.8 - 6.7	28,800	9.0	7.2 - 10.8	18,500	4.7	2.8 - 6.5	4,400	2.3	1.1 - 3.5	3,800
Substance Use												
Any smoking, 3 months before pregnancy	12.5	11.2 - 13.7	62,000	16.3	14.2 - 18.4	33,500	14.1	10.7 - 17.5	13,100	7.4	5.8 - 9.0	12,500
Any smoking, 1st or 3rd trimester	5.6	4.9 - 6.4	28,100	8.9	7.3 - 10.4	18,300	5.1	3.6 - 6.5	4,700	2.0	1.3 - 2.7	3,400
Any binge drinking, 3 months before pregnancy	15.0	13.5 - 16.5	74,200	14.1	11.7 - 16.5	28,900	15.5	12.3 - 18.7	14,400	17.4	14.8 - 20.0	29,100
Any alcohol use, 1st or 3rd trimester	12.1	10.8 - 13.4	60,400	8.3	6.5 - 10.2	17,200	8.5	6.8 - 10.2	7,900	19.1	16.4 - 21.9	32,300
Postpartum Discussions with Provider												
Discussed birth spacing	39.4	37.1 - 41.7	158,400	39.7	36.0 - 43.4	68,400	39.9	34.6 - 45.2	30,400	38.0	34.2 - 41.7	49,200
Discussed postpartum birth control	87.6	86.0 - 89.1	432,900	86.2	83.8 - 88.7	175,300	84.0	79.8 - 88.3	78,500	92.3	90.2 - 94.4	154,200
Infant Sleep and Breastfeeding												
Placed infant on back to sleep	74.4	72.5 - 76.4	360,100	70.9	67.7 - 74.2	140,000	70.8	66.1 - 75.6	64,800	81.1	78.3 - 83.9	133,800
Intended to breastfeed, before birth	91.3	90.2 - 92.5	449,300	87.8	85.7 - 89.9	177,600	92.8	90.8 - 94.9	86,500	95.0	93.5 - 96.6	157,900
Intended to breastfeed exclusively, before birth	60.6	58.6 - 62.6	298,200	50.3	46.9 - 53.6	101,700	56.9	52.0 - 61.8	53,000	76.3	73.4 - 79.3	126,900
Breastfeeding practices												
Any breastfeeding, 1 month after delivery	77.7	76.0 - 79.4	380,600	70.1	67.0 - 73.2	141,000	74.2	69.6 - 78.8	68,600	89.3	87.4 - 91.2	148,100
Exclusive breastfeeding, 1 month after delivery	46.4	44.4 - 48.4	227,200	35.7	32.5 - 38.9	71,800	41.5	36.9 - 46.1	38,400	63.5	60.3 - 66.8	105,400
Any breastfeeding, 3 months after delivery	59.5	57.0 - 61.9	211,000	49.0	45.0 - 53.1	72,700	51.6	45.6 - 57.5	35,800	78.0	74.8 - 81.2	87,800
Exclusive breastfeeding, 3 months after delivery	31.6	29.4 - 33.8	112,100	20.7	17.5 - 23.9	30,600	24.3	19.5 - 29.0	16,900	51.9	47.8 - 56.1	58,400

MIHA Snapshot, California by Income, 2010

Maternal and Infant Health Assessment (MIHA) Survey

	Total			0-100% Federal Poverty Guideline			101-200% Federal Poverty Guideline			> 200% Federal Poverty Guideline		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
Health Insurance Coverage												
Pre-pregnancy insurance												
Medi-Cal	29.7	28.0 - 31.5	146,300	55.4	52.1 - 58.7	110,200	24.9	20.6 - 29.3	23,300	2.3	1.5 - 3.2	3,900
Uninsured	20.4	18.8 - 22.0	100,400	30.7	27.7 - 33.8	61,100	26.1	21.7 - 30.4	24,300	3.7	2.4 - 4.9	6,200
Private or other	49.8	48.3 - 51.4	245,200	13.9	11.5 - 16.2	27,600	49.0	44.1 - 53.8	45,800	94.0	92.5 - 95.5	158,300
Prenatal insurance												
Medi-Cal	52.0	50.5 - 53.5	259,800	86.5	84.0 - 88.9	178,100	55.5	50.8 - 60.3	52,000	7.2	5.7 - 8.8	12,200
Uninsured	2.9	2.2 - 3.7	14,700	4.3	2.9 - 5.8	8,900	1.8	1.1 - 2.5	1,700	1.2	0.3 - 2.0	2,000
Private or other	45.1	43.7 - 46.5	225,100	9.2	7.1 - 11.3	19,000	42.6	37.9 - 47.4	39,900	91.6	89.9 - 93.3	154,600
Maternal postpartum insurance												
Medi-Cal	35.3	33.6 - 37.1	173,600	63.9	60.6 - 67.3	127,900	30.4	25.7 - 35.0	28,200	3.8	2.6 - 5.0	6,400
Uninsured	17.3	15.7 - 18.8	84,900	25.3	22.2 - 28.3	50,600	21.9	18.3 - 25.6	20,300	4.0	2.8 - 5.2	6,700
Private or other	47.4	45.9 - 48.9	232,900	10.8	8.6 - 13.0	21,600	47.7	42.8 - 52.6	44,200	92.2	90.5 - 93.9	154,600
Infant health insurance												
Medi-Cal	49.0	47.3 - 50.6	237,900	83.5	80.9 - 86.2	165,500	49.9	45.0 - 54.9	46,000	5.3	3.9 - 6.7	8,800
Healthy Families	3.8	3.1 - 4.6	18,600	4.5	3.2 - 5.9	9,000	6.2	4.0 - 8.3	5,700	2.1	1.2 - 3.0	3,500
Uninsured	3.4	2.5 - 4.3	16,700	3.7	2.2 - 5.2	7,400	6.7	3.7 - 9.6	6,100	1.5	0.7 - 2.4	2,500
Private or other	43.8	42.3 - 45.3	212,800	8.2	6.3 - 10.2	16,300	37.3	32.5 - 42.1	34,300	91.0	89.3 - 92.8	150,900
Health Care and Public Program Utilization												
Had a usual source of pre-pregnancy care	72.8	71.0 - 74.6	363,300	66.5	63.5 - 69.6	136,100	65.9	61.2 - 70.6	61,900	85.4	82.9 - 87.8	144,200
Initiated prenatal care in 1st trimester	89.1	87.8 - 90.4	441,600	82.0	79.4 - 84.6	166,800	90.6	88.2 - 93.0	84,900	96.8	95.8 - 97.8	162,600
Had a postpartum medical visit	85.9	84.4 - 87.3	427,300	78.4	75.7 - 81.2	160,900	85.2	81.5 - 89.0	79,600	96.2	95.1 - 97.3	162,200
Mom or infant needed but couldn't afford care postpartum	14.0	12.5 - 15.5	68,600	19.1	16.3 - 21.9	38,500	18.3	14.7 - 21.9	17,100	4.7	3.3 - 6.0	7,700
Participated in WIC during pregnancy	55.1	54.1 - 56.2	275,400	87.6	85.9 - 89.3	180,700	69.1	65.0 - 73.1	64,800	6.3	4.8 - 7.8	10,600
Received CalFresh (food stamps) during pregnancy	22.4	20.9 - 24.0	111,700	44.8	41.6 - 48.1	91,600	11.2	8.3 - 14.0	10,500	1.3	0.6 - 2.0	2,200
Maternal Demographics												
Age												
15-19	8.9	7.7 - 10.0	44,400	15.8	13.4 - 18.1	32,500	3.9	1.7 - 6.0	3,700	0.6	0.0 - 1.1	1,000
20-34	71.8	69.9 - 73.8	360,000	73.9	70.9 - 76.9	152,700	78.2	73.7 - 82.7	73,600	68.0	64.7 - 71.3	114,900
35+	19.3	17.6 - 21.0	96,800	10.3	8.1 - 12.6	21,400	17.9	13.7 - 22.1	16,800	31.4	28.1 - 34.7	53,100
Did not complete high school (or GED)	20.4	18.8 - 22.0	101,900	36.9	33.7 - 40.2	76,100	15.1	11.5 - 18.7	14,200	1.4	0.7 - 2.1	2,300
Unmarried	42.7	40.9 - 44.6	213,500	66.8	63.7 - 70.0	137,500	41.4	36.5 - 46.2	38,700	12.5	10.4 - 14.5	21,000
Race/Ethnicity												
Hispanic	50.6	48.9 - 52.2	249,000	71.1	68.6 - 73.5	144,900	56.7	52.0 - 61.4	52,600	20.8	18.0 - 23.6	34,300
Black	6.0	5.8 - 6.2	29,500	7.6	6.5 - 8.7	15,500	5.7	4.1 - 7.4	5,300	3.7	2.9 - 4.4	6,000
White	29.3	27.8 - 30.8	144,200	15.3	13.3 - 17.4	31,200	24.2	20.8 - 27.5	22,400	51.3	47.9 - 54.8	84,700
Asian/Pacific Islander	13.7	12.2 - 15.2	67,600	5.3	4.1 - 6.6	10,900	13.1	9.0 - 17.1	12,100	23.9	20.7 - 27.1	39,400
Nativity and Language												
Born outside the U.S.	41.4	39.4 - 43.3	207,300	49.9	46.6 - 53.1	103,000	43.3	38.4 - 48.2	40,700	27.8	24.6 - 31.0	46,900
Speaks non-English language at home	33.5	31.6 - 35.5	167,000	45.9	42.6 - 49.2	94,100	32.3	27.6 - 36.9	30,200	17.4	14.5 - 20.2	29,200

* Due to frequency < 10 women or infants, data are not presented.

Technical notes: The Maternal and Infant Health Assessment (MIHA) is an annual population-based survey of California resident women with a live birth in 2010, with a sample size of 6,817. Percent (%), 95% confidence intervals (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 2010. Prior low birth weight (<2,500 g) or preterm delivery (<37 weeks gestation) is presented for all women. More information on MIHA and the indicators above is on the MIHA website.

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.**

Appendix

"We are doing great! I applied for food stamps since he was born and it helps a lot."

— MIHA 2010 Respondent

Technical Definition of Indicators

Indicators in this report are based on self-reported data from MIHA and refer to the most recent birth, or pregnancy for the most recent birth, unless otherwise indicated. Unless noted, the denominator for each indicator includes all women with a live birth. The question number in MIHA 2010 is listed after each definition below. The questionnaire can be found at www.cdph.ca.gov/MIHA/Questionnaires.

Prior Poor Birth Outcomes

Low birth weight: Ever had a baby weighing <2,500 grams at birth prior to the most recent birth. (Q2)

Preterm delivery: Ever had a baby born <37 weeks gestation prior to the most recent birth. (Q3)

C-section: Ever had a cesarean section prior to the most recent birth. (birth certificate)

Health Status

In excellent/good health before pregnancy: Self-rated physical health (including illness, injury, and other physical problems) just before pregnancy. (Q7A)

Chronic Conditions Before or During Pregnancy

Diabetes or gestational diabetes: Told by a health care worker that she had diabetes (high blood sugar) or gestational diabetes before or during this pregnancy. (Q15A, 16A)

Hypertension, preeclampsia, or eclampsia: Told by a health care worker that she had hypertension (high blood pressure) before or during pregnancy, or had preeclampsia, eclampsia, or toxemia during pregnancy. (Q15B, 16B, 17C)

Asthma: Told by a health care worker that she had asthma before or during pregnancy. (Q 15C, 16C)

Nutrition and Weight

Daily folic acid use, month before pregnancy: Took a multivitamin, prenatal vitamin, or folic acid vitamin every day of the week during the month before pregnancy. (Q8)

Overweight/obese before pregnancy: Body Mass Index (BMI) calculated from self-reported weight and height, classified as overweight (25-29.99) or obese (30+). BMI calculated only for women reporting height within 48-83 inches and weight within 75-399 pounds. (Q10A, 10C)

Inadequate/excessive weight gain during pregnancy: Adequacy of total weight gained during pregnancy, given pre-pregnancy BMI, based on Institute of Medicine (IOM) guidelines and restricted to women who delivered at 37-42 weeks gestation, singletons and twins, prenatal weight gain within 0-97 pounds, height within 48-83 inches, and pre-pregnancy weight within 75-399 pounds. See IOM guidelines for more detail: www.iom.edu/Reports/2009/Weight-Gain-During-Pregnancy-Reexamining-the-Guidelines.aspx. (Q10A-C; data on singletons/twins and gestational age from birth certificate)

Food insecurity during pregnancy: Calculated from a modified U.S. Department of Agriculture (USDA) Food Security Module Six Item Short Form and categorized as food secure (0-1) or food insecure (2-6). Responses with one or two missing values were imputed. See USDA guidelines for more detail: www.fns.usda.gov/fsec/files/fsguide.pdf. (Q70A-72B)

Intimate Partner Violence (IPV) and Depression

Physical IPV in the year before pregnancy: Pushed, hit, slapped, kicked, choked, or physically hurt in any way by current or former partner during the 12 months before pregnancy. (Q39)

Physical or psychological IPV during pregnancy: During pregnancy, experienced any of the following: pushed, hit, slapped, kicked, choked, or physically hurt in any way by current or former partner; frightened for safety of self, family, or friends because of partner's anger/threats; partner tried to control most/all daily activities. (Q36-38)

Prenatal depression: During pregnancy, experienced both of the following for two weeks or longer: felt sad, empty or depressed for most of the day; lost interest in most things she usually enjoyed. (Q26A-B)

Postpartum depression: Since most recent birth, experienced both of the following for two weeks or longer: felt sad, empty or depressed for most of the day; lost interest in most things she usually enjoyed. (Q54A-B)

Hardships and Support During Pregnancy

Had "a lot" of unpaid bills: Had a lot of bills she couldn't pay during pregnancy. (Q29F)

Moved: Moved to a new address during pregnancy. (Q29B)

Woman or partner lost job: Lost job even though wanted to go on working, or husband or partner lost their job during pregnancy. (Q29D-E)

Became separated or divorced: Became separated or divorced from partner during pregnancy. (Q29A)

Had no practical or emotional support: During pregnancy, had neither someone to turn to for practical help, like getting a ride somewhere, or help with shopping or cooking a meal; nor someone to turn to if she needed someone to comfort or listen to her. (Q28A-B)

Substance Use

Any smoking, 3 months before pregnancy: Smoked any cigarettes on an average day during the three months before pregnancy. (Q40, 41A)

Any smoking, 1st or 3rd trimester: Smoked any cigarettes on an average day during the first or last three months of pregnancy. (Q40, 41B, 41C)

Any binge drinking, 3 months before pregnancy: Drank four or more alcoholic drinks in one sitting (within about two hours) at least one time during the three months before pregnancy. (Q43A, 44A)

Any alcohol use, 1st or 3rd trimester: Drank any alcoholic drinks in an average week during the first or last three months of pregnancy. (Q 43A, 43C, 43D)

Postpartum Discussions with Provider

Discussed birth spacing: Talked with a health care worker about the best length of time to wait before having another baby, excluding women who responded "I don't remember" or "my doctor, nurse or health care worker knows that I am not having any more children" from the denominator. (Q52)

Discussed postpartum birth control: Talked with a health care worker about using birth control to prevent pregnancy, excluding women who responded "I don't remember" from the denominator. (Q51A)

Infant Sleep and Breastfeeding

Placed infant on back to sleep: Put baby down to sleep on his or her back most of the time, excluding from the denominator women whose infant did not reside with them at the time of the survey. (Q65A)

Intended to breastfeed, before birth: Before delivery, planned to breastfeed only or to breastfeed and use formula, excluding from the denominator women whose infant did not reside with them at the time of the survey. (Q56)

Intended to breastfeed exclusively, before birth: Before delivery, planned to breastfeed only, excluding from the denominator women whose infant did not reside with them at the time of the survey. (Q56)

Any breastfeeding, 1 month after delivery: Fed infant breast milk at one month after delivery with or without formula, other liquids or food; excluding from the denominator women whose infant did not reside with them or whose infant was not yet one month old at the time of the survey. (Q61A, 62B; infant age calculated from date of birth on the birth certificate)

Exclusive breastfeeding, 1 month after delivery: Fed infant only breast milk at one month after delivery; excluding from the denominator women whose infant did not reside with them or whose infant was not yet one month old at the time of the survey. (Q61A, 62B; infant age calculated from date of birth on the birth certificate)

Any breastfeeding, 3 months after delivery: Fed infant breast milk at three months after delivery with or without supplementing with formula, other liquids or food; excluding from the denominator women whose infant did not reside with them or whose infant was not yet three months old at the time of the survey. (Q61A, 62C; infant age calculated from date of birth on the birth certificate)

Exclusive breastfeeding, 3 months after delivery: Fed infant only breast milk at three months after delivery; excluding from the denominator women whose infant did not reside with them or whose infant was not yet three months old at the time of the survey. (Q61A, 62C; infant age calculated from date of birth on the birth certificate)

Health Insurance Coverage

Pre-pregnancy/postpartum insurance: Just before pregnancy/at the time of the survey, had Medi-Cal or a health plan paid for by Medi-Cal; private insurance paid for by her or someone else, by a job, or 'other'; or uninsured. Women with both Medi-Cal and private insurance categorized as Medi-Cal. (Q6B, Q48)

Prenatal insurance: During pregnancy, had Medi-Cal or a health plan paid for by Medi-Cal; covered by private insurance or some other health plan that paid for prenatal care; or did not report any of the above (uninsured). Women with both Medi-Cal and private insurance categorized as Medi-Cal. (Q45-47)

Infant health insurance: Infant had Medi-Cal or a health plan paid for by Medi-Cal; private insurance paid for by her or someone else, by a job, or 'other'; Healthy Families; or was uninsured. Women whose infant did not reside with them at the time of the survey excluded from the denominator. (Q57A-B)

Health Care and Public Program Utilization

Had a usual source of pre-pregnancy care: Just before pregnancy, had a particular doctor, nurse, or clinic that she usually went to for health care. (Q6A)

Initiated prenatal care in 1st trimester: Had first prenatal care visit in the first 3 months or 13 weeks of pregnancy, not counting a visit for just a pregnancy test. (Q19, 20) Note: The estimated prevalence of first trimester prenatal care initiation from MIHA in this report is based on women's self-report, and is higher than the prevalence using birth certificate data.

Had a postpartum medical visit: Had a postpartum check-up for *herself* (the medical check-up 4-6 weeks after a woman gives birth). (Q50)

Mom or infant needed but couldn't afford care postpartum: Since the most recent birth, there was a time when she needed to see a doctor or nurse for her own medical care, or for her infant, but didn't go because she couldn't afford to pay for it. (Q49, 58)

Participated in WIC during pregnancy: WIC is the California Women, Infants and Children Program. (Q74)

Received CalFresh (food stamps) during pregnancy: CalFresh, formerly known as food stamps, is the California Supplemental Nutrition Assistance Program. (Q73)

Maternal Demographics

Age: Age of mother at time of birth. (birth certificate)

Did not complete high school (or GED): At the time of the survey, had completed no school; 8th grade or less; or some high school, but did not graduate. (Q66A)

Unmarried: At the time of birth, was single (never married); separated, divorced, or widowed; or living with someone like they were married, but not legally married. (Q69)

Race/Ethnicity: Mother's Hispanic origin and first race code, if multiple race codes indicated. (birth certificate)

Born outside the U.S.: Mother's place of birth. (birth certificate)

Speaks non-English language at home: Usually speaks Spanish, or an Asian or other language at home (if more than one language spoken, the one used most often). (Q68)

Income as a percent of the Federal Poverty Guideline: Calculated from monthly family income, before taxes from all sources, including jobs, welfare, disability, unemployment, child support, interest, dividends, and support from family members, and the number of people living on that income. See the 2009 Poverty Guidelines published by the U.S. Department of Health and Human Services for more detail: aspe.hhs.gov/poverty/09poverty.html. (Q78A-B, 79)

“My baby is now my greatest motivation to have a better life!”

— MIHA 2010 Respondent