



MIHA Snapshot, San Joaquin Valley by Race/Ethnicity, 2010-2012

Maternal and Infant Health Assessment (MIHA) Survey

	San Joaquin Valley		Hispanic			Black			White		Asian/Pacific Islander	
	%	95% CI	%	95% CI		%	95% CI		%	95% CI	%	95% CI
Total	100		60.7	59.0 - 62.3		4.8	4.4 - 5.2		25.9	24.4 - 27.4	7.9	6.8 - 9.0
Prior Poor Birth Outcomes												
Prior low birth weight or preterm delivery	10.3	9.1 - 11.4	9.5	8.1 - 11.0		19.7	12.8 - 26.6		10.5	8.2 - 12.8	9.1	5.3 - 12.9
Prior delivery by c-section	16.5	15.1 - 17.9	16.4	14.6 - 18.3		18.3	13.1 - 23.5		16.4	13.7 - 19.0	16.5	10.8 - 22.2
Chronic Conditions before or during Pregnancy												
Diabetes or gestational diabetes	12.5	11.3 - 13.7	13.4	11.7 - 15.0		9.7	6.1 - 13.4		9.2	7.1 - 11.3	19.3	13.8 - 24.9
Hypertension, preeclampsia or eclampsia	11.0	9.9 - 12.2	10.2	8.6 - 11.8		11.3	7.3 - 15.2		13.0	10.8 - 15.3	9.7	5.5 - 14.0
Asthma	10.3	9.1 - 11.4	8.1	6.7 - 9.4		19.7	14.0 - 25.3		14.6	12.1 - 17.2	5.6	2.8 - 8.5
Nutrition and Weight												
Daily folic acid use, month before pregnancy	28.3	26.7 - 30.0	25.5	23.4 - 27.7		30.1	22.5 - 37.7		33.6	30.5 - 36.8	30.9	24.4 - 37.4
Overweight before pregnancy	26.6	24.9 - 28.4	30.8	28.3 - 33.3		23.0	17.1 - 28.8		21.7	18.9 - 24.4	18.4	13.0 - 23.8
Obese before pregnancy	25.3	23.6 - 27.0	27.4	25.1 - 29.8		25.0	18.8 - 31.3		23.8	20.7 - 26.8	15.6	10.1 - 21.1
Inadequate weight gain during pregnancy	17.9	16.1 - 19.6	19.0	16.5 - 21.5		20.8	12.6 - 29.0		12.5	10.0 - 15.0	27.1	19.6 - 34.5
Excessive weight gain during pregnancy	46.7	44.5 - 48.9	44.0	41.0 - 47.0		49.2	40.3 - 58.1		54.0	50.2 - 57.8	36.3	28.2 - 44.3
Food insecurity during pregnancy	23.8	22.2 - 25.4	27.8	25.5 - 30.0		16.1	11.4 - 20.8		17.1	14.4 - 19.8	19.6	13.5 - 25.7
Intimate Partner Violence (IPV) and Depressive Symptoms												
Physical or psychological IPV during pregnancy	11.0	9.8 - 12.2	11.7	10.1 - 13.3		21.1	14.8 - 27.3		7.6	5.7 - 9.6	10.5	6.1 - 15.0
Prenatal depressive symptoms	20.8	19.3 - 22.4	23.2	21.0 - 25.3		25.0	17.8 - 32.2		15.8	13.2 - 18.4	12.8	8.1 - 17.5
Postpartum depressive symptoms	17.3	15.9 - 18.8	18.0	16.1 - 19.9		15.9	10.7 - 21.0		17.7	14.9 - 20.5	11.8	6.9 - 16.6
Hardships and Support during Pregnancy												
Woman or partner lost job	19.1	17.6 - 20.6	20.6	18.6 - 22.6		17.9	12.7 - 23.1		15.8	13.3 - 18.3	16.4	10.7 - 22.0
Became separated or divorced	11.5	10.3 - 12.7	12.4	10.7 - 14.1		26.3	18.8 - 33.8		8.5	6.5 - 10.6	5.2	2.4 - 8.0
Had no practical or emotional support	7.5	6.5 - 8.5	9.7	8.2 - 11.1		4.7	2.2 - 7.2		2.7	1.5 - 3.9	7.5	3.5 - 11.5
Substance Use												
Any smoking, 3 months before pregnancy	14.0	12.7 - 15.3	8.6	7.1 - 10.1		24.1	17.7 - 30.5		24.8	21.9 - 27.8	10.4	5.8 - 15.0
Any smoking, 3rd trimester	4.2	3.5 - 4.9	2.0	1.3 - 2.7		10.5	6.4 - 14.6		8.5	6.6 - 10.4	--	
Any smoking, postpartum	8.2	7.1 - 9.2	3.6	2.5 - 4.6		19.4	13.8 - 25.0		16.9	14.2 - 19.5	5.6	2.9 - 8.4
Any binge drinking, 3 months before pregnancy	13.5	12.3 - 14.8	12.3	10.7 - 13.9		11.3	7.0 - 15.7		18.6	15.9 - 21.4	6.4	3.2 - 9.6
Any alcohol use, 3rd trimester	3.4	2.7 - 4.1	2.6	1.8 - 3.3		4.0	1.7 - 6.2		5.7	4.0 - 7.4	--	
Infant Sleep and Breastfeeding												
Placed infant on back to sleep	72.0	70.3 - 73.7	72.1	69.9 - 74.4		57.2	49.2 - 65.2		75.1	72.1 - 78.2	71.6	64.6 - 78.6
Intended to breastfeed, before birth	86.0	84.7 - 87.3	86.2	84.5 - 88.0		71.8	64.2 - 79.4		88.9	86.8 - 91.1	83.5	78.0 - 89.0
Intended to breastfeed exclusively, before birth	50.9	49.1 - 52.8	44.8	42.3 - 47.2		40.4	33.0 - 47.9		68.9	65.7 - 72.2	45.6	38.4 - 52.9
Service Utilization												
Had a usual source of pre-pregnancy care	71.9	70.2 - 73.6	69.8	67.5 - 72.1		82.2	77.1 - 87.2		74.9	71.9 - 77.9	74.4	68.0 - 80.8
Had a postpartum medical visit	83.6	82.1 - 85.0	81.7	79.7 - 83.6		80.6	73.5 - 87.8		88.3	86.1 - 90.5	84.1	78.6 - 89.6
Mom or infant needed but couldn't afford care postpartum	15.0	13.7 - 16.4	16.8	14.9 - 18.7		9.3	5.4 - 13.2		12.1	9.8 - 14.4	14.0	8.7 - 19.3
Participated in WIC during pregnancy	70.5	69.2 - 71.8	83.8	82.3 - 85.3		74.7	69.5 - 79.8		42.5	39.2 - 45.9	59.3	52.3 - 66.4
Received CalFresh (food stamps) during pregnancy	39.1	37.3 - 40.9	43.1	40.7 - 45.6		64.4	57.2 - 71.6		26.2	23.1 - 29.3	33.6	26.4 - 40.8



MIHA Snapshot, San Joaquin Valley by Race/Ethnicity, 2010-2012

Maternal and Infant Health Assessment (MIHA) Survey

	San Joaquin Valley		Hispanic		Black		White		Asian/Pacific Islander	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Health Insurance Coverage										
Pre-pregnancy insurance										
Medi-Cal	40.0	38.3 - 41.8	45.1	42.7 - 47.6	63.6	56.1 - 71.1	24.8	21.8 - 27.9	36.9	29.8 - 44.1
Uninsured	24.0	22.4 - 25.7	29.8	27.5 - 32.1	11.9	5.4 - 18.4	15.0	12.5 - 17.5	17.8	12.4 - 23.2
Private	33.7	32.1 - 35.3	23.2	21.2 - 25.2	22.3	16.8 - 27.8	57.5	54.2 - 60.8	42.0	35.0 - 49.1
Prenatal insurance										
Medi-Cal	66.4	64.9 - 68.0	76.9	74.9 - 78.9	77.6	72.0 - 83.1	42.8	39.6 - 46.1	57.1	50.0 - 64.1
Uninsured	2.2	1.7 - 2.7	2.9	2.0 - 3.7	--		1.0*	0.4 - 1.7	--	
Private	28.3	26.9 - 29.8	17.8	16.0 - 19.5	19.5	14.2 - 24.8	52.1	48.8 - 55.4	36.2	29.6 - 42.9
Maternal postpartum insurance										
Medi-Cal	49.7	48.0 - 51.5	55.2	52.8 - 57.6	73.8	67.9 - 79.7	33.4	30.1 - 36.6	46.1	38.8 - 53.3
Uninsured	17.3	15.9 - 18.7	23.2	21.1 - 25.3	4.4	2.0 - 6.9	8.7	6.7 - 10.7	10.2	5.8 - 14.5
Private	31.3	29.8 - 32.8	20.3	18.4 - 22.2	20.9	15.5 - 26.3	55.7	52.4 - 59.0	40.7	33.7 - 47.7
Infant health insurance										
Medi-Cal	63.1	61.5 - 64.7	73.2	71.1 - 75.3	74.2	67.9 - 80.4	41.1	37.7 - 44.4	53.7	46.5 - 61.0
Healthy Families	5.9	5.0 - 6.8	7.0	5.8 - 8.3	4.0*	0.7 - 7.4	3.9	2.5 - 5.3	4.6*	1.2 - 8.1
Uninsured	2.5	1.9 - 3.2	3.0	2.0 - 4.0	--		1.5	0.8 - 2.3	--	
Private	27.0	25.5 - 28.4	15.7	14.0 - 17.4	17.2	12.6 - 21.8	51.1	47.8 - 54.5	38.6	31.6 - 45.6
Maternal Demographics										
Age										
15-19	11.4	10.2 - 12.5	13.9	12.2 - 15.6	14.4	9.0 - 19.8	7.0	5.1 - 9.0	4.4	1.8 - 7.0
20-34	76.8	75.3 - 78.4	74.1	72.0 - 76.2	77.5	71.1 - 83.9	81.8	79.0 - 84.5	80.7	75.1 - 86.3
35+	11.8	10.6 - 13.0	12.0	10.4 - 13.6	8.1	4.3 - 11.9	11.2	9.1 - 13.4	14.9	9.7 - 20.1
Did not complete high school (or GED)	25.1	23.5 - 26.7	34.1	31.8 - 36.4	23.6	16.3 - 30.9	9.1	6.9 - 11.2	9.8	5.5 - 14.1
Unmarried	51.0	49.2 - 52.8	56.8	54.3 - 59.2	80.8	76.2 - 85.4	35.4	32.1 - 38.7	37.2	30.1 - 44.3
Born outside the U.S.	33.3	31.5 - 35.1	44.4	41.9 - 46.9	2.6	1.3 - 3.8	5.1	3.6 - 6.6	63.3	56.4 - 70.2
Speaks non-English language at home	30.2	28.5 - 31.9	41.2	38.7 - 43.6	--		3.8	2.4 - 5.2	54.5	47.0 - 62.0
Income as a percent of the Federal Poverty Guideline										
0-100%	56.6	54.8 - 58.4	66.7	64.3 - 69.1	73.1	66.6 - 79.6	35.6	32.2 - 38.9	38.8	31.2 - 46.4
101-200%	20.9	19.3 - 22.5	21.6	19.4 - 23.8	11.9	7.7 - 16.2	19.7	17.1 - 22.4	26.6	19.6 - 33.6
>200%	22.5	21.1 - 23.8	11.7	10.2 - 13.2	14.9	9.6 - 20.3	44.7	41.4 - 48.1	34.6	27.6 - 41.6

-- Estimate not shown because the relative standard error (RSE) is greater than 50% or fewer than 10 women reported.

* Estimate should be interpreted with caution due to low statistical reliability (RSE is between 30% and 50%).

Notes: MIHA is an annual population-based survey of California resident women with a live birth. Data from MIHA 2010-2012 were combined, resulting in a statewide sample size of 20,480. The sample size of San Joaquin Valley was 4,478. Percent (%) and 95% confidence interval (95% CI) are weighted to represent all women with a live birth in San Joaquin Valley. Prior poor birth outcomes are presented for all women. See the Technical Document for information on weighting, comparability to prior years and technical definitions.

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 Valley by Income, 2010-2012

Maternal and Infant Health Assessment (MIHA) Survey

	San Joaquin Valley		0-100% of Poverty		101-200% of Poverty		> 200% of Poverty	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Total	100		56.6	54.8 - 58.4	20.9	19.3 - 22.5	22.5	21.1 - 23.8
Prior Poor Birth Outcomes								
Prior low birth weight or preterm delivery	10.3	9.1 - 11.4	12.0	10.3 - 13.8	10.4	7.8 - 13.0	7.3	5.1 - 9.4
Prior delivery by c-section	16.5	15.1 - 17.9	16.6	14.7 - 18.6	16.3	13.1 - 19.5	18.4	15.4 - 21.5
Chronic Conditions before or during Pregnancy								
Diabetes or gestational diabetes	12.5	11.3 - 13.7	13.2	11.4 - 14.9	10.9	8.3 - 13.5	13.1	10.4 - 15.7
Hypertension, preeclampsia or eclampsia	11.0	9.9 - 12.2	11.9	10.1 - 13.6	10.4	7.8 - 13.1	10.5	8.3 - 12.7
Asthma	10.3	9.1 - 11.4	12.2	10.4 - 13.9	7.6	5.4 - 9.7	9.0	7.0 - 11.0
Nutrition and Weight								
Daily folic acid use, month before pregnancy	28.3	26.7 - 30.0	23.1	20.9 - 25.3	25.1	21.4 - 28.9	43.4	39.7 - 47.1
Overweight before pregnancy	26.6	24.9 - 28.4	25.7	23.3 - 28.1	33.8	29.3 - 38.2	23.5	20.3 - 26.6
Obese before pregnancy	25.3	23.6 - 27.0	28.2	25.7 - 30.7	26.2	22.4 - 30.0	19.8	16.7 - 22.9
Inadequate weight gain during pregnancy	17.9	16.1 - 19.6	19.8	17.3 - 22.4	16.3	11.9 - 20.7	14.1	11.1 - 17.1
Excessive weight gain during pregnancy	46.7	44.5 - 48.9	44.2	41.0 - 47.3	49.1	43.9 - 54.3	50.3	46.2 - 54.4
Food insecurity during pregnancy	23.8	22.2 - 25.4	33.8	31.3 - 36.3	18.2	14.9 - 21.5	4.2	2.8 - 5.6
Intimate Partner Violence (IPV) and Depressive Symptoms								
Physical or psychological IPV during pregnancy	11.0	9.8 - 12.2	15.2	13.3 - 17.0	8.0	5.6 - 10.4	4.0	2.5 - 5.4
Prenatal depressive symptoms	20.8	19.3 - 22.4	26.3	23.9 - 28.6	17.7	14.2 - 21.3	11.2	8.9 - 13.4
Postpartum depressive symptoms	17.3	15.9 - 18.8	19.9	17.8 - 22.0	14.0	11.0 - 16.9	15.3	12.3 - 18.2
Hardships and Support during Pregnancy								
Woman or partner lost job	19.1	17.6 - 20.6	23.8	21.6 - 26.1	19.4	16.0 - 22.9	8.4	6.4 - 10.4
Became separated or divorced	11.5	10.3 - 12.7	17.2	15.2 - 19.2	7.0	4.7 - 9.3	1.7	0.9 - 2.6
Had no practical or emotional support	7.5	6.5 - 8.5	10.6	8.9 - 12.2	6.0	3.9 - 8.1	1.4	0.7 - 2.2
Substance Use								
Any smoking, 3 months before pregnancy	14.0	12.7 - 15.3	18.6	16.6 - 20.7	9.8	7.2 - 12.4	8.6	6.6 - 10.6
Any smoking, 3rd trimester	4.2	3.5 - 4.9	6.7	5.4 - 7.9	1.8	0.8 - 2.7	1.0*	0.4 - 1.6
Any smoking, postpartum	8.2	7.1 - 9.2	11.5	9.9 - 13.2	5.4	3.2 - 7.6	4.0	2.6 - 5.3
Any binge drinking, 3 months before pregnancy	13.5	12.3 - 14.8	13.1	11.4 - 14.9	14.3	11.4 - 17.2	15.8	13.0 - 18.6
Any alcohol use, 3rd trimester	3.4	2.7 - 4.1	2.8	2.0 - 3.6	2.7	1.3 - 4.0	6.4	4.5 - 8.4
Infant Sleep and Breastfeeding								
Placed infant on back to sleep	72.0	70.3 - 73.7	68.6	66.1 - 71.1	76.2	72.6 - 79.8	77.3	74.1 - 80.5
Intended to breastfeed, before birth	86.0	84.7 - 87.3	81.5	79.4 - 83.6	89.3	86.7 - 92.0	94.1	92.5 - 95.8
Intended to breastfeed exclusively, before birth	50.9	49.1 - 52.8	42.2	39.6 - 44.8	57.1	52.6 - 61.6	68.4	64.8 - 71.9
Service Utilization								
Had a usual source of pre-pregnancy care	71.9	70.2 - 73.6	68.5	66.1 - 70.9	67.8	63.6 - 72.1	86.7	84.2 - 89.2
Had a postpartum medical visit	83.6	82.1 - 85.0	77.8	75.6 - 80.0	87.3	84.2 - 90.4	96.2	94.7 - 97.8
Mom or infant needed but couldn't afford care postpartum	15.0	13.7 - 16.4	16.4	14.5 - 18.4	19.3	15.8 - 22.7	7.1	5.0 - 9.2
Participated in WIC during pregnancy	70.5	69.2 - 71.8	88.3	86.8 - 89.7	74.8	71.5 - 78.0	15.6	12.7 - 18.6
Received CalFresh (food stamps) during pregnancy	39.1	37.3 - 40.9	62.0	59.5 - 64.6	18.0	14.3 - 21.6	2.4	1.2 - 3.5



MIHA Snapshot, San Joaquin Valley by Income, 2010-2012

Maternal and Infant Health Assessment (MIHA) Survey

	San Joaquin Valley		0-100% of Poverty		101-200% of Poverty		> 200% of Poverty	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Health Insurance Coverage								
Pre-pregnancy insurance								
Medi-Cal	40.0	38.3 - 41.8	61.3	58.8 - 63.9	23.3	19.5 - 27.1	3.1	1.8 - 4.4
Uninsured	24.0	22.4 - 25.7	27.5	25.2 - 29.9	30.3	26.2 - 34.5	6.1	4.2 - 8.1
Private	33.7	32.1 - 35.3	9.4	7.9 - 10.9	42.9	38.6 - 47.2	88.6	86.1 - 91.1
Prenatal insurance								
Medi-Cal	66.4	64.9 - 68.0	90.0	88.4 - 91.6	61.2	57.0 - 65.4	10.3	8.0 - 12.6
Uninsured	2.2	1.7 - 2.7	3.0	2.1 - 3.9	1.4*	0.5 - 2.3	--	
Private	28.3	26.9 - 29.8	6.1	4.8 - 7.3	30.3	26.5 - 34.1	85.0	82.2 - 87.7
Maternal postpartum insurance								
Medi-Cal	49.7	48.0 - 51.5	73.4	71.1 - 75.6	32.5	28.3 - 36.7	6.2	4.5 - 8.0
Uninsured	17.3	15.9 - 18.7	18.5	16.5 - 20.5	25.0	21.1 - 28.9	5.8	3.9 - 7.7
Private	31.3	29.8 - 32.8	7.2	5.8 - 8.6	39.4	35.2 - 43.6	86.2	83.6 - 88.8
Infant health insurance								
Medi-Cal	63.1	61.5 - 64.7	86.1	84.2 - 87.9	58.1	53.8 - 62.4	9.8	7.5 - 12.1
Healthy Families	5.9	5.0 - 6.8	6.2	4.9 - 7.4	6.4	4.4 - 8.4	5.4	3.3 - 7.4
Uninsured	2.5	1.9 - 3.2	2.5	1.7 - 3.3	3.7*	1.5 - 5.9	0.9*	0.4 - 1.4
Private	27.0	25.5 - 28.4	4.4	3.3 - 5.5	29.6	25.7 - 33.5	82.1	79.1 - 85.1
Maternal Demographics								
Age								
15-19	11.4	10.2 - 12.5	16.3	14.4 - 18.2	3.6	2.2 - 5.0	1.8	0.7 - 2.8
20-34	76.8	75.3 - 78.4	73.9	71.6 - 76.2	86.0	83.2 - 88.9	79.4	76.3 - 82.4
35+	11.8	10.6 - 13.0	9.8	8.3 - 11.4	10.4	7.8 - 12.9	18.9	15.9 - 21.8
Did not complete high school (or GED)	25.1	23.5 - 26.7	37.7	35.1 - 40.2	13.3	10.5 - 16.1	2.2	1.1 - 3.3
Unmarried	51.0	49.2 - 52.8	70.2	67.8 - 72.5	35.5	31.3 - 39.8	15.7	13.0 - 18.4
Race/Ethnicity								
Hispanic	60.7	59.0 - 62.3	71.0	68.7 - 73.3	62.0	57.9 - 66.1	31.5	27.9 - 35.0
Black	4.8	4.4 - 5.2	6.3	5.4 - 7.2	2.8	1.8 - 3.7	3.2	2.1 - 4.4
White	25.9	24.4 - 27.4	16.6	14.7 - 18.5	24.8	21.4 - 28.2	52.9	49.2 - 56.7
Asian/Pacific Islander	7.9	6.8 - 9.0	5.3	4.0 - 6.6	9.8	6.9 - 12.7	12.0	9.3 - 14.6
Born outside the U.S.	33.3	31.5 - 35.1	37.3	34.8 - 39.8	34.8	30.5 - 39.2	17.7	14.7 - 20.7
Speaks non-English language at home	30.2	28.5 - 31.9	35.4	33.0 - 37.9	29.8	25.7 - 33.9	12.5	9.8 - 15.2

-- Estimate not shown because the relative standard error (RSE) is greater than 50% or fewer than 10 women reported.

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Notes: MIHA is an annual population-based survey of California resident women with a live birth. Data from MIHA 2010-2012 were combined, resulting in a statewide sample size of 20,480. The sample size of San Joaquin Valley was 4,478. Percent (%) and 95% confidence interval (95% CI) are weighted to represent all women with a live birth in San Joaquin Valley. Prior poor birth outcomes are presented for all women. See the Technical Document for information on weighting, comparability to prior years and technical definitions.

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 Valley by Prenatal Health Insurance, 2010-2012

Maternal and Infant Health Assessment (MIHA) Survey

	San Joaquin Valley		Medi-Cal			Private		
	%	95% CI	%	95% CI		%	95% CI	
Total	100		66.4	64.9 - 68.0		28.3	26.9 - 29.8	
Prior Poor Birth Outcomes								
Prior low birth weight or preterm delivery	10.3	9.1 - 11.4	11.0	9.5 - 12.5		8.7	6.7 - 10.7	
Prior delivery by c-section	16.5	15.1 - 17.9	16.2	14.4 - 17.9		17.8	15.2 - 20.4	
Chronic Conditions before or during Pregnancy								
Diabetes or gestational diabetes	12.5	11.3 - 13.7	12.9	11.3 - 14.5		12.1	9.9 - 14.2	
Hypertension, preeclampsia or eclampsia	11.0	9.9 - 12.2	11.4	9.9 - 12.9		10.6	8.5 - 12.7	
Asthma	10.3	9.1 - 11.4	10.7	9.3 - 12.2		9.8	7.9 - 11.7	
Nutrition and Weight								
Daily folic acid use, month before pregnancy	28.3	26.7 - 30.0	22.8	20.9 - 24.8		39.7	36.5 - 42.9	
Overweight before pregnancy	26.6	24.9 - 28.4	27.9	25.6 - 30.1		23.4	20.7 - 26.1	
Obese before pregnancy	25.3	23.6 - 27.0	27.0	24.8 - 29.2		22.5	19.6 - 25.3	
Inadequate weight gain during pregnancy	17.9	16.1 - 19.6	19.5	17.1 - 21.9		14.2	11.6 - 16.8	
Excessive weight gain during pregnancy	46.7	44.5 - 48.9	45.3	42.4 - 48.1		48.9	45.2 - 52.5	
Food insecurity during pregnancy	23.8	22.2 - 25.4	30.0	27.9 - 32.2		8.9	7.0 - 10.8	
Intimate Partner Violence (IPV) and Depressive Symptoms								
Physical or psychological IPV during pregnancy	11.0	9.8 - 12.2	13.7	12.1 - 15.4		4.0	2.8 - 5.2	
Prenatal depressive symptoms	20.8	19.3 - 22.4	24.5	22.4 - 26.6		12.0	9.8 - 14.1	
Postpartum depressive symptoms	17.3	15.9 - 18.8	18.5	16.7 - 20.4		14.9	12.4 - 17.3	
Hardships and Support during Pregnancy								
Woman or partner lost job	19.1	17.6 - 20.6	23.0	21.0 - 25.0		9.5	7.6 - 11.4	
Became separated or divorced	11.5	10.3 - 12.7	14.7	13.1 - 16.4		3.5	2.3 - 4.7	
Had no practical or emotional support	7.5	6.5 - 8.5	8.9	7.6 - 10.3		3.1	1.9 - 4.3	
Substance Use								
Any smoking, 3 months before pregnancy	14.0	12.7 - 15.3	16.8	15.0 - 18.6		8.7	7.0 - 10.5	
Any smoking, 3rd trimester	4.2	3.5 - 4.9	5.5	4.5 - 6.5		1.5	0.8 - 2.2	
Any smoking, postpartum	8.2	7.1 - 9.2	10.5	9.0 - 11.9		3.7	2.6 - 4.8	
Any binge drinking, 3 months before pregnancy	13.5	12.3 - 14.8	12.6	11.1 - 14.1		16.2	13.8 - 18.6	
Any alcohol use, 3rd trimester	3.4	2.7 - 4.1	2.1	1.5 - 2.7		5.7	4.2 - 7.3	
Infant Sleep and Breastfeeding								
Placed infant on back to sleep	72.0	70.3 - 73.7	70.2	68.0 - 72.3		77.7	75.0 - 80.5	
Intended to breastfeed, before birth	86.0	84.7 - 87.3	82.8	81.0 - 84.6		93.1	91.5 - 94.8	
Intended to breastfeed exclusively, before birth	50.9	49.1 - 52.8	44.1	41.8 - 46.4		66.9	63.8 - 70.0	
Service Utilization								
Had a usual source of pre-pregnancy care	71.9	70.2 - 73.6	66.0	63.8 - 68.2		87.2	85.0 - 89.4	
Had a postpartum medical visit	83.6	82.1 - 85.0	79.0	77.1 - 81.0		95.3	93.8 - 96.8	
Mom or infant needed but couldn't afford care postpartum	15.0	13.7 - 16.4	17.7	15.9 - 19.5		6.6	5.0 - 8.2	
Participated in WIC during pregnancy	70.5	69.2 - 71.8	88.9	87.7 - 90.1		27.4	24.4 - 30.4	
Received CalFresh (food stamps) during pregnancy	39.1	37.3 - 40.9	56.1	53.8 - 58.5		2.6	1.5 - 3.6	



MIHA Snapshot, San Joaquin Valley by Prenatal Health Insurance, 2010-2012

Maternal and Infant Health Assessment (MIHA) Survey

	San Joaquin Valley		Medi-Cal		Private	
	%	95% CI	%	95% CI	%	95% CI
Health Insurance Coverage						
Pre-pregnancy insurance						
Medi-Cal	40.0	38.3 - 41.8	58.6	56.3 - 60.9	1.1	0.5 - 1.8
Uninsured	24.0	22.4 - 25.7	32.0	29.8 - 34.2	2.6	1.7 - 3.6
Private	33.7	32.1 - 35.3	8.0	6.7 - 9.2	95.8	94.6 - 97.0
Maternal postpartum insurance						
Medi-Cal	49.7	48.0 - 51.5	71.3	69.1 - 73.4	3.3	2.2 - 4.3
Uninsured	17.3	15.9 - 18.7	22.3	20.4 - 24.2	3.6	2.4 - 4.8
Private	31.3	29.8 - 32.8	5.6	4.5 - 6.7	93.0	91.5 - 94.6
Infant health insurance						
Medi-Cal	63.1	61.5 - 64.7	88.2	86.7 - 89.7	9.8	7.8 - 11.8
Healthy Families	5.9	5.0 - 6.8	5.4	4.4 - 6.5	4.0	2.5 - 5.4
Uninsured	2.5	1.9 - 3.2	2.5	1.6 - 3.3	2.2	1.2 - 3.2
Private	27.0	25.5 - 28.4	3.3	2.5 - 4.1	82.9	80.3 - 85.4
Maternal Demographics						
Age						
15-19	11.4	10.2 - 12.5	14.5	12.9 - 16.1	4.4	3.0 - 5.8
20-34	76.8	75.3 - 78.4	76.5	74.6 - 78.5	77.8	75.1 - 80.5
35+	11.8	10.6 - 13.0	9.0	7.6 - 10.3	17.8	15.3 - 20.3
Did not complete high school (or GED)	25.1	23.5 - 26.7	34.2	31.9 - 36.4	4.0	2.8 - 5.2
Unmarried	51.0	49.2 - 52.8	65.2	63.0 - 67.5	20.0	17.4 - 22.6
Race/Ethnicity						
Hispanic	60.7	59.0 - 62.3	70.1	68.1 - 72.2	38.3	35.1 - 41.5
Black	4.8	4.4 - 5.2	5.6	4.9 - 6.3	3.3	2.4 - 4.2
White	25.9	24.4 - 27.4	16.7	15.0 - 18.3	47.8	44.6 - 51.0
Asian/Pacific Islander	7.9	6.8 - 9.0	6.8	5.5 - 8.1	10.2	8.1 - 12.3
Born outside the U.S.	33.3	31.5 - 35.1	39.1	36.8 - 41.4	18.9	16.2 - 21.6
Speaks non-English language at home	30.2	28.5 - 31.9	37.1	34.8 - 39.4	13.9	11.4 - 16.3
Income as a percent of the Federal Poverty Guideline						
0-100%	56.6	54.8 - 58.4	77.1	75.0 - 79.2	11.9	9.5 - 14.2
101-200%	20.9	19.3 - 22.5	19.4	17.4 - 21.4	22.0	19.2 - 24.8
>200%	22.5	21.1 - 23.8	3.5	2.7 - 4.3	66.2	63.0 - 69.4

Notes: MIHA is an annual population-based survey of California resident women with a live birth. Data from MIHA 2010-2012 were combined, resulting in a statewide sample size of 20,480. The sample size of San Joaquin Valley was 4,478. Percent (%) and 95% confidence interval (95% CI) are weighted to represent all women with a live birth in San Joaquin Valley. Prior poor birth outcomes are presented for all women. See the Technical Document for information on weighting, comparability to prior years and technical definitions.

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 Valley by Maternal Age, 2010-2012

Maternal and Infant Health Assessment (MIHA) Survey

	San Joaquin Valley		15-19 Years		20-34 Years		35 Years or Older	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Total	100		11.4	10.2 - 12.5	76.8	75.3 - 78.4	11.8	10.6 - 13.0
Prior Poor Birth Outcomes								
Prior low birth weight or preterm delivery	10.3	9.1 - 11.4	2.0*	0.6 - 3.4	11.1	9.7 - 12.5	12.7	9.3 - 16.1
Prior delivery by c-section	16.5	15.1 - 17.9	2.4*	0.9 - 4.0	16.5	14.9 - 18.1	30.1	25.2 - 35.1
Chronic Conditions before or during Pregnancy								
Diabetes or gestational diabetes	12.5	11.3 - 13.7	5.4	2.9 - 7.8	11.5	10.1 - 12.8	25.8	21.2 - 30.5
Hypertension, preeclampsia or eclampsia	11.0	9.9 - 12.2	10.5	7.2 - 13.7	10.8	9.4 - 12.1	13.3	9.5 - 17.2
Asthma	10.3	9.1 - 11.4	14.7	10.8 - 18.6	10.5	9.2 - 11.8	4.2	2.3 - 6.0
Nutrition and Weight								
Daily folic acid use, month before pregnancy	28.3	26.7 - 30.0	24.9	20.3 - 29.5	27.6	25.8 - 29.5	36.2	31.1 - 41.3
Overweight before pregnancy	26.6	24.9 - 28.4	19.3	15.1 - 23.5	26.6	24.6 - 28.5	34.6	29.2 - 40.0
Obese before pregnancy	25.3	23.6 - 27.0	11.9	8.2 - 15.6	26.3	24.3 - 28.3	31.6	26.4 - 36.9
Inadequate weight gain during pregnancy	17.9	16.1 - 19.6	20.2	15.1 - 25.4	17.6	15.6 - 19.7	16.9	11.9 - 22.0
Excessive weight gain during pregnancy	46.7	44.5 - 48.9	43.1	36.9 - 49.4	47.7	45.2 - 50.2	43.5	37.2 - 49.8
Food insecurity during pregnancy	23.8	22.2 - 25.4	26.3	21.4 - 31.3	23.2	21.4 - 25.1	25.0	20.3 - 29.7
Intimate Partner Violence (IPV) and Depressive Symptoms								
Physical or psychological IPV during pregnancy	11.0	9.8 - 12.2	23.2	18.7 - 27.8	9.9	8.6 - 11.2	6.6	3.9 - 9.3
Prenatal depressive symptoms	20.8	19.3 - 22.4	24.1	19.4 - 28.7	20.0	18.3 - 21.8	22.8	18.1 - 27.5
Postpartum depressive symptoms	17.3	15.9 - 18.8	19.5	15.2 - 23.8	16.6	15.0 - 18.2	19.9	15.4 - 24.4
Hardships and Support during Pregnancy								
Woman or partner lost job	19.1	17.6 - 20.6	15.0	11.1 - 18.8	20.2	18.4 - 21.9	16.3	12.2 - 20.4
Became separated or divorced	11.5	10.3 - 12.7	18.1	13.9 - 22.2	10.8	9.4 - 12.1	9.7	6.4 - 13.0
Had no practical or emotional support	7.5	6.5 - 8.5	4.0	2.0 - 6.0	7.2	6.1 - 8.3	12.6	8.5 - 16.6
Substance Use								
Any smoking, 3 months before pregnancy	14.0	12.7 - 15.3	15.9	11.7 - 20.1	14.7	13.2 - 16.2	7.6	4.8 - 10.4
Any smoking, 3rd trimester	4.2	3.5 - 4.9	3.1	1.4 - 4.8	4.5	3.7 - 5.3	3.1*	1.2 - 5.1
Any smoking, postpartum	8.2	7.1 - 9.2	9.8	6.2 - 13.4	8.5	7.3 - 9.6	4.8	2.5 - 7.1
Any binge drinking, 3 months before pregnancy	13.5	12.3 - 14.8	11.9	8.1 - 15.6	14.5	13.0 - 15.9	9.1	6.0 - 12.3
Any alcohol use, 3rd trimester	3.4	2.7 - 4.1	--		3.6	2.8 - 4.3	4.2	1.9 - 6.5
Infant Sleep and Breastfeeding								
Placed infant on back to sleep	72.0	70.3 - 73.7	68.0	62.7 - 73.3	73.4	71.5 - 75.3	67.2	62.0 - 72.4
Intended to breastfeed, before birth	86.0	84.7 - 87.3	79.8	75.4 - 84.2	86.7	85.2 - 88.2	87.3	83.6 - 91.1
Intended to breastfeed exclusively, before birth	50.9	49.1 - 52.8	41.9	36.6 - 47.3	52.1	49.9 - 54.2	52.1	46.7 - 57.6
Service Utilization								
Had a usual source of pre-pregnancy care	71.9	70.2 - 73.6	57.5	52.1 - 63.0	73.4	71.5 - 75.3	75.6	71.0 - 80.2
Had a postpartum medical visit	83.6	82.1 - 85.0	68.9	63.7 - 74.1	85.1	83.5 - 86.7	87.6	83.9 - 91.2
Mom or infant needed but couldn't afford care postpartum	15.0	13.7 - 16.4	13.9	10.1 - 17.8	15.2	13.6 - 16.8	15.0	11.0 - 19.0
Participated in WIC during pregnancy	70.5	69.2 - 71.8	91.5	88.6 - 94.3	68.9	67.3 - 70.5	60.5	55.5 - 65.5
Received CalFresh (food stamps) during pregnancy	39.1	37.3 - 40.9	37.2	32.0 - 42.5	40.8	38.7 - 42.9	29.7	24.6 - 34.7



MIHA Snapshot, San Joaquin Valley by Maternal Age, 2010-2012

Maternal and Infant Health Assessment (MIHA) Survey

	San Joaquin Valley		15-19 Years		20-34 Years		35 Years or Older	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Health Insurance Coverage								
Pre-pregnancy insurance								
Medi-Cal	40.0	38.3 - 41.8	60.7	55.3 - 66.1	38.7	36.7 - 40.8	28.5	23.6 - 33.5
Uninsured	24.0	22.4 - 25.7	18.1	13.6 - 22.6	24.8	23.0 - 26.7	24.7	19.8 - 29.6
Private	33.7	32.1 - 35.3	17.9	13.7 - 22.0	34.5	32.6 - 36.3	43.9	38.8 - 49.1
Prenatal insurance								
Medi-Cal	66.4	64.9 - 68.0	84.9	80.9 - 88.9	66.1	64.3 - 67.9	50.6	45.3 - 55.9
Uninsured	2.2	1.7 - 2.7	--		2.2	1.6 - 2.8	3.0*	1.1 - 5.0
Private	28.3	26.9 - 29.8	11.0	7.5 - 14.5	28.7	27.0 - 30.3	42.8	37.7 - 47.9
Maternal postpartum insurance								
Medi-Cal	49.7	48.0 - 51.5	73.0	68.0 - 77.9	48.6	46.5 - 50.6	35.1	29.9 - 40.4
Uninsured	17.3	15.9 - 18.7	12.4	8.7 - 16.1	17.8	16.2 - 19.4	18.7	14.4 - 23.0
Private	31.3	29.8 - 32.8	11.6	8.0 - 15.2	32.4	30.6 - 34.2	43.0	37.8 - 48.2
Infant health insurance								
Medi-Cal	63.1	61.5 - 64.7	84.0	80.0 - 87.9	62.7	60.8 - 64.6	45.5	40.1 - 50.9
Healthy Families	5.9	5.0 - 6.8	6.1	3.6 - 8.6	5.2	4.2 - 6.1	10.6	6.7 - 14.6
Uninsured	2.5	1.9 - 3.2	3.2*	1.1 - 5.3	2.5	1.7 - 3.2	2.3*	0.6 - 4.0
Private	27.0	25.5 - 28.4	3.5	1.7 - 5.3	28.4	26.7 - 30.1	40.0	35.0 - 45.1
Maternal Demographics								
Did not complete high school (or GED)	25.1	23.5 - 26.7	40.1	34.8 - 45.4	22.0	20.2 - 23.7	31.0	25.9 - 36.0
Unmarried	51.0	49.2 - 52.8	88.9	85.2 - 92.6	48.2	46.1 - 50.3	32.6	27.5 - 37.8
Race/Ethnicity								
Hispanic	60.7	59.0 - 62.3	74.2	69.4 - 79.0	58.5	56.5 - 60.5	61.7	56.6 - 66.9
Black	4.8	4.4 - 5.2	6.1	3.8 - 8.3	4.8	4.2 - 5.4	3.3	1.7 - 4.8
White	25.9	24.4 - 27.4	16.0	11.8 - 20.2	27.6	25.8 - 29.3	24.7	20.3 - 29.1
Asian/Pacific Islander	7.9	6.8 - 9.0	3.1	1.3 - 4.9	8.3	7.0 - 9.6	10.0	6.5 - 13.5
Born outside the U.S.	33.3	31.5 - 35.1	16.6	12.4 - 20.9	32.5	30.5 - 34.5	54.8	49.6 - 60.1
Speaks non-English language at home	30.2	28.5 - 31.9	18.2	13.7 - 22.6	29.6	27.7 - 31.6	45.5	40.2 - 50.9
Income as a percent of the Federal Poverty Guideline								
0-100%	56.6	54.8 - 58.4	88.9	85.4 - 92.4	53.9	51.8 - 56.0	46.5	41.0 - 51.9
101-200%	20.9	19.3 - 22.5	7.3	4.4 - 10.1	23.2	21.2 - 25.1	18.1	13.9 - 22.3
>200%	22.5	21.1 - 23.8	3.8	1.6 - 6.0	22.9	21.3 - 24.6	35.4	30.4 - 40.4

-- Estimate not shown because the relative standard error (RSE) is greater than 50% or fewer than 10 women reported.

* Estimate should be interpreted with caution due to low statistical reliability (RSE is between 30% and 50%).

Notes: MIHA is an annual population-based survey of California resident women with a live birth. Data from MIHA 2010-2012 were combined, resulting in a statewide sample size of 20,480. The sample size of San Joaquin Valley was 4,478. Percent (%) and 95% confidence interval (95% CI) are weighted to represent all women with a live birth in San Joaquin Valley. Prior poor birth outcomes are presented for all women. See the Technical Document for information on weighting, comparability to prior years and technical definitions.

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MIHA Snapshot, San Joaquin Valley by Education, 2010-2012

Maternal and Infant Health Assessment (MIHA) Survey

	San Joaquin Valley		< High School		High School Graduate or GED		Some College		College Graduate	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Total	100		25.1	23.5 - 26.7	26.0	24.4 - 27.7	32.3	30.6 - 34.1	16.6	15.3 - 17.9
Prior Poor Birth Outcomes										
Prior low birth weight or preterm delivery	10.3	9.1 - 11.4	13.5	10.9 - 16.2	8.7	6.5 - 11.0	10.3	8.3 - 12.3	7.5	5.2 - 9.8
Prior delivery by c-section	16.5	15.1 - 17.9	18.2	15.2 - 21.2	13.4	10.9 - 15.8	17.7	15.1 - 20.4	16.7	13.5 - 19.8
Chronic Conditions before or during Pregnancy										
Diabetes or gestational diabetes	12.5	11.3 - 13.7	14.7	12.0 - 17.5	11.4	9.0 - 13.9	10.6	8.7 - 12.6	14.4	11.4 - 17.4
Hypertension, preeclampsia or eclampsia	11.0	9.9 - 12.2	10.9	8.3 - 13.4	11.1	8.7 - 13.5	11.5	9.5 - 13.6	10.1	7.6 - 12.7
Asthma	10.3	9.1 - 11.4	8.9	6.6 - 11.2	8.7	6.6 - 10.8	13.5	11.3 - 15.7	8.5	6.4 - 10.7
Nutrition and Weight										
Daily folic acid use, month before pregnancy	28.3	26.7 - 30.0	23.0	19.8 - 26.2	24.8	21.6 - 28.0	26.6	23.7 - 29.4	45.3	41.0 - 49.6
Overweight before pregnancy	26.6	24.9 - 28.4	29.4	25.6 - 33.2	24.2	20.9 - 27.6	27.5	24.6 - 30.5	25.2	21.1 - 29.2
Obese before pregnancy	25.3	23.6 - 27.0	29.3	25.4 - 33.1	25.3	21.8 - 28.7	26.5	23.6 - 29.5	17.7	14.3 - 21.0
Inadequate weight gain during pregnancy	17.9	16.1 - 19.6	22.9	18.4 - 27.3	18.8	15.4 - 22.1	16.7	13.9 - 19.5	13.2	9.0 - 17.4
Excessive weight gain during pregnancy	46.7	44.5 - 48.9	38.5	33.8 - 43.3	47.4	43.0 - 51.8	51.2	47.5 - 55.0	46.4	41.5 - 51.3
Food insecurity during pregnancy	23.8	22.2 - 25.4	36.6	32.8 - 40.3	26.1	22.8 - 29.4	20.8	18.2 - 23.4	6.8	4.8 - 8.9
Intimate Partner Violence (IPV) and Depressive Symptoms										
Physical or psychological IPV during pregnancy	11.0	9.8 - 12.2	16.4	13.5 - 19.3	11.5	9.2 - 13.8	9.7	7.8 - 11.6	4.6	2.8 - 6.4
Prenatal depressive symptoms	20.8	19.3 - 22.4	29.4	25.9 - 33.0	22.0	18.9 - 25.1	17.9	15.3 - 20.5	11.4	8.7 - 14.1
Postpartum depressive symptoms	17.3	15.9 - 18.8	19.5	16.5 - 22.4	18.5	15.5 - 21.5	16.2	13.7 - 18.7	14.2	11.2 - 17.2
Hardships and Support during Pregnancy										
Woman or partner lost job	19.1	17.6 - 20.6	21.0	17.8 - 24.2	20.9	17.8 - 24.0	20.0	17.4 - 22.6	11.8	9.0 - 14.6
Became separated or divorced	11.5	10.3 - 12.7	14.2	11.5 - 16.9	13.6	11.0 - 16.3	11.8	9.7 - 13.8	3.6	1.9 - 5.3
Had no practical or emotional support	7.5	6.5 - 8.5	13.3	10.6 - 16.0	7.3	5.4 - 9.1	5.5	4.0 - 7.0	2.8	1.3 - 4.3
Substance Use										
Any smoking, 3 months before pregnancy	14.0	12.7 - 15.3	13.7	11.2 - 16.1	17.7	14.7 - 20.6	16.4	14.0 - 18.9	4.0	2.5 - 5.6
Any smoking, 3rd trimester	4.2	3.5 - 4.9	6.1	4.4 - 7.7	5.3	3.7 - 7.0	4.0	2.8 - 5.1	--	
Any smoking, postpartum	8.2	7.1 - 9.2	8.9	6.8 - 11.0	11.0	8.6 - 13.4	9.1	7.2 - 11.0	0.9*	0.3 - 1.6
Any binge drinking, 3 months before pregnancy	13.5	12.3 - 14.8	8.5	6.5 - 10.5	13.8	11.1 - 16.4	17.1	14.7 - 19.6	13.7	10.7 - 16.6
Any alcohol use, 3rd trimester	3.4	2.7 - 4.1	1.9	1.0 - 2.8	1.8	0.9 - 2.8	4.7	3.2 - 6.2	5.4	3.6 - 7.1
Infant Sleep and Breastfeeding										
Placed infant on back to sleep	72.0	70.3 - 73.7	66.1	62.5 - 69.7	68.1	64.5 - 71.7	75.8	72.9 - 78.6	79.7	76.3 - 83.0
Intended to breastfeed, before birth	86.0	84.7 - 87.3	81.6	78.6 - 84.6	80.8	77.7 - 83.9	88.5	86.5 - 90.5	95.5	93.8 - 97.2
Intended to breastfeed exclusively, before birth	50.9	49.1 - 52.8	33.7	30.1 - 37.3	46.4	42.7 - 50.2	58.1	54.8 - 61.4	69.5	65.2 - 73.9
Service Utilization										
Had a usual source of pre-pregnancy care	71.9	70.2 - 73.6	71.1	67.7 - 74.6	66.9	63.4 - 70.4	71.3	68.4 - 74.3	81.7	77.9 - 85.4
Had a postpartum medical visit	83.6	82.1 - 85.0	74.3	70.9 - 77.6	79.8	76.6 - 82.9	88.2	86.1 - 90.4	94.3	92.0 - 96.6
Mom or infant needed but couldn't afford care postpartum	15.0	13.7 - 16.4	19.0	16.0 - 22.1	15.6	12.8 - 18.3	15.3	13.0 - 17.7	7.9	5.4 - 10.4
Participated in WIC during pregnancy	70.5	69.2 - 71.8	91.2	89.3 - 93.1	84.7	82.3 - 87.1	64.0	61.1 - 66.9	28.1	23.6 - 32.6
Received CalFresh (food stamps) during pregnancy	39.1	37.3 - 40.9	59.3	55.5 - 63.0	46.9	43.2 - 50.7	33.7	30.5 - 36.8	6.7	4.3 - 9.1



MIHA Snapshot, San Joaquin Valley by Education, 2010-2012

Maternal and Infant Health Assessment (MIHA) Survey

	San Joaquin Valley		< High School		High School Graduate or GED		Some College		College Graduate	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Health Insurance Coverage										
Pre-pregnancy insurance										
Medi-Cal	40.0	38.3 - 41.8	62.5	58.7 - 66.2	49.7	46.0 - 53.4	31.3	28.2 - 34.4	8.1	5.7 - 10.5
Uninsured	24.0	22.4 - 25.7	29.2	25.7 - 32.7	29.7	26.3 - 33.1	21.8	19.1 - 24.4	11.9	8.3 - 15.5
Private	33.7	32.1 - 35.3	6.5	4.7 - 8.2	18.2	15.4 - 21.0	45.0	41.8 - 48.2	76.9	72.8 - 81.0
Prenatal insurance										
Medi-Cal	66.4	64.9 - 68.0	91.0	88.9 - 93.1	81.4	78.6 - 84.2	58.3	55.1 - 61.4	22.1	18.1 - 26.2
Uninsured	2.2	1.7 - 2.7	3.4	2.0 - 4.8	2.5	1.5 - 3.5	1.6	0.8 - 2.5	1.0*	0.2 - 1.8
Private	28.3	26.9 - 29.8	4.5	3.1 - 6.0	13.7	11.3 - 16.1	35.7	32.7 - 38.7	72.4	68.1 - 76.7
Maternal postpartum insurance										
Medi-Cal	49.7	48.0 - 51.5	68.6	65.1 - 72.2	63.1	59.6 - 66.6	43.8	40.5 - 47.0	12.7	9.7 - 15.7
Uninsured	17.3	15.9 - 18.7	24.9	21.6 - 28.2	20.0	17.1 - 22.9	13.1	11.0 - 15.3	9.9	6.5 - 13.4
Private	31.3	29.8 - 32.8	5.7	3.9 - 7.4	15.0	12.5 - 17.5	41.0	37.8 - 44.1	75.8	71.6 - 79.9
Infant health insurance										
Medi-Cal	63.1	61.5 - 64.7	85.1	82.4 - 87.8	77.4	74.4 - 80.5	56.4	53.2 - 59.6	21.4	17.4 - 25.5
Healthy Families	5.9	5.0 - 6.8	7.7	5.7 - 9.7	6.4	4.6 - 8.3	5.0	3.5 - 6.6	4.4	2.5 - 6.2
Uninsured	2.5	1.9 - 3.2	2.9	1.6 - 4.3	2.6	1.4 - 3.9	2.8	1.5 - 4.1	1.3*	0.5 - 2.2
Private	27.0	25.5 - 28.4	3.6	2.3 - 4.8	11.6	9.4 - 13.9	34.0	31.0 - 37.0	71.2	66.9 - 75.5
Maternal Demographics										
Age										
15-19	11.4	10.2 - 12.5	18.1	15.4 - 20.9	19.5	16.6 - 22.5	5.2	3.7 - 6.6	--	
20-34	76.8	75.3 - 78.4	67.3	63.7 - 70.8	72.4	69.0 - 75.7	86.2	83.9 - 88.5	80.2	76.9 - 83.5
35+	11.8	10.6 - 13.0	14.6	11.8 - 17.3	8.1	6.1 - 10.1	8.7	6.8 - 10.6	19.5	16.3 - 22.8
Unmarried	51.0	49.2 - 52.8	65.3	61.7 - 68.9	64.3	60.7 - 67.8	48.1	44.8 - 51.3	14.3	11.2 - 17.3
Race/Ethnicity										
Hispanic	60.7	59.0 - 62.3	82.1	79.2 - 85.0	70.1	66.7 - 73.5	50.2	47.0 - 53.5	33.5	29.1 - 37.9
Black	4.8	4.4 - 5.2	4.4	3.0 - 5.9	5.0	3.5 - 6.5	5.3	4.3 - 6.3	3.5	2.3 - 4.8
White	25.9	24.4 - 27.4	9.3	7.1 - 11.6	18.4	15.5 - 21.2	34.8	31.8 - 37.8	46.0	41.6 - 50.3
Asian/Pacific Islander	7.9	6.8 - 9.0	3.1	1.7 - 4.5	6.1	4.2 - 8.1	8.8	6.7 - 10.8	16.6	13.0 - 20.2
Born outside the U.S.	33.3	31.5 - 35.1	53.8	50.0 - 57.6	36.7	33.2 - 40.3	16.8	14.3 - 19.2	29.2	24.7 - 33.6
Speaks non-English language at home	30.2	28.5 - 31.9	52.8	49.0 - 56.6	34.1	30.6 - 37.7	15.5	13.1 - 17.9	18.4	14.7 - 22.2
Income as a percent of the Federal Poverty Guideline										
0-100%	56.6	54.8 - 58.4	86.7	84.1 - 89.2	73.3	69.9 - 76.6	45.5	42.2 - 48.8	9.9	7.5 - 12.4
101-200%	20.9	19.3 - 22.5	11.3	8.9 - 13.7	20.6	17.5 - 23.7	27.2	24.1 - 30.2	23.0	18.5 - 27.4
>200%	22.5	21.1 - 23.8	2.0	1.0 - 3.0	6.1	4.4 - 7.9	27.3	24.4 - 30.2	67.1	62.5 - 71.6

-- Estimate not shown because the relative standard error (RSE) is greater than 50% or fewer than 10 women reported.

* Estimate should be interpreted with caution due to low statistical reliability (RSE is between 30% and 50%).

Notes: MIHA is an annual population-based survey of California resident women with a live birth. Data from MIHA 2010-2012 were combined, resulting in a statewide sample size of 20,480. The sample size of San Joaquin Valley was 4,478. Percent (%) and 95% confidence interval (95% CI) are weighted to represent all women with a live birth in San Joaquin Valley. Prior poor birth outcomes are presented for all women. See the Technical Document for information on weighting, comparability to prior years and technical definitions.

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.