



MIHA Snapshot, San Francisco County by Race/Ethnicity, 2010-2012

Maternal and Infant Health Assessment (MIHA) Survey

	San Francisco County		Hispanic		Black		White		Asian/Pacific Islander	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Total	100		19.9	16.1 - 23.6	5.7	4.8 - 6.6	41.4	36.9 - 46.0	32.6	28.2 - 37.0
Prior Poor Birth Outcomes										
Prior low birth weight or preterm delivery	6.2	3.9 - 8.4	8.7*	1.6 - 15.8	20.7*	7.7 - 33.8	--		6.0*	2.1 - 9.9
Prior delivery by c-section	8.5	5.8 - 11.1	7.8*	2.8 - 12.8	--		6.6	3.2 - 10.0	11.4	5.5 - 17.3
Chronic Conditions before or during Pregnancy										
Diabetes or gestational diabetes	9.1	6.5 - 11.8	3.6*	1.2 - 6.0	--		5.0	2.4 - 7.6	17.4	10.6 - 24.1
Hypertension, preeclampsia or eclampsia	12.1	9.2 - 14.9	18.8	10.1 - 27.5	33.8	18.7 - 49.0	9.0	5.3 - 12.7	8.6	4.3 - 12.9
Asthma	8.2	5.8 - 10.6	--		--		8.4	4.5 - 12.4	8.1	3.9 - 12.2
Nutrition and Weight										
Daily folic acid use, month before pregnancy	46.0	41.4 - 50.7	42.2	31.2 - 53.3	32.6	18.9 - 46.2	50.9	43.5 - 58.2	44.9	36.5 - 53.2
Overweight before pregnancy	17.8	14.2 - 21.3	29.0	18.0 - 40.0	30.9	16.3 - 45.5	14.1	9.5 - 18.6	13.0	7.6 - 18.4
Obese before pregnancy	6.9	4.7 - 9.0	16.7	8.3 - 25.0	17.2*	6.9 - 27.6	3.8*	1.4 - 6.2	--	
Inadequate weight gain during pregnancy	14.9	11.5 - 18.3	16.3	8.1 - 24.5	--		11.3	6.6 - 15.9	20.4	13.7 - 27.1
Excessive weight gain during pregnancy	38.6	33.8 - 43.3	47.6	35.6 - 59.5	51.4	34.7 - 68.0	37.8	30.8 - 44.9	32.8	24.3 - 41.2
Food insecurity during pregnancy	8.1	6.0 - 10.2	16.5	10.0 - 22.9	--		--		8.5	4.4 - 12.7
Intimate Partner Violence (IPV) and Depressive Symptoms										
Physical or psychological IPV during pregnancy	4.3	2.6 - 6.0	--		--		--		--	
Prenatal depressive symptoms	10.4	7.6 - 13.2	22.2	13.0 - 31.3	16.3*	5.5 - 27.1	--		11.1	5.9 - 16.3
Postpartum depressive symptoms	11.7	8.4 - 14.9	22.7	12.2 - 33.2	--		3.8*	1.5 - 6.1	13.9	7.8 - 20.0
Hardships and Support during Pregnancy										
Woman or partner lost job	15.0	11.8 - 18.3	24.6	15.6 - 33.6	13.7*	4.1 - 23.3	9.5	5.3 - 13.7	16.1	10.1 - 22.2
Became separated or divorced	4.0	2.4 - 5.6	--		--		--		4.6*	1.6 - 7.6
Had no practical or emotional support	5.6	3.5 - 7.8	12.1*	4.6 - 19.6	--		--		--	
Substance Use										
Any smoking, 3 months before pregnancy	10.8	8.0 - 13.5	11.5*	4.7 - 18.4	29.1	16.0 - 42.2	11.7	7.3 - 16.2	--	
Any smoking, 3rd trimester	2.1	1.1 - 3.2	--		--		--		--	
Any smoking, postpartum	4.8	3.1 - 6.6	--		24.1	11.2 - 36.9	4.0*	1.6 - 6.3	--	
Any binge drinking, 3 months before pregnancy	19.2	15.5 - 22.9	13.9*	4.8 - 22.9	--		26.0	19.8 - 32.1	15.8	9.7 - 22.0
Any alcohol use, 3rd trimester	22.1	18.4 - 25.8	--		--		42.5	35.3 - 49.6	10.1	5.4 - 14.9
Infant Sleep and Breastfeeding										
Placed infant on back to sleep	85.0	81.8 - 88.3	83.0	74.7 - 91.4	68.0	53.7 - 82.4	89.2	84.8 - 93.7	83.7	77.7 - 89.7
Intended to breastfeed, before birth	94.5	92.4 - 96.6	94.0*	88.7 - 99.2	82.5*	70.5 - 94.4	96.5*	94.0 - 98.9	94.0*	89.7 - 98.3
Intended to breastfeed exclusively, before birth	71.3	67.3 - 75.4	73.4	64.7 - 82.2	54.0	38.9 - 69.1	84.6	79.6 - 89.6	56.9	48.7 - 65.1
Service Utilization										
Had a usual source of pre-pregnancy care	79.0	75.3 - 82.7	75.6	67.0 - 84.3	90.0*	82.1 - 97.8	82.4	77.2 - 87.7	77.6	70.7 - 84.5
Had a postpartum medical visit	91.0	88.6 - 93.5	87.8	82.1 - 93.6	76.4	64.2 - 88.5	94.5	91.4 - 97.5	92.6*	88.1 - 97.1
Mom or infant needed but couldn't afford care postpartum	7.6	5.1 - 10.1	14.3	6.2 - 22.4	--		--		8.3*	3.3 - 13.2
Participated in WIC during pregnancy	29.9	26.0 - 33.9	71.6	60.9 - 82.4	66.7	54.0 - 79.3	3.6*	1.2 - 5.9	31.1	23.4 - 38.9
Received CalFresh (food stamps) during pregnancy	13.0	10.1 - 15.9	26.4	16.9 - 35.8	49.6	34.9 - 64.2	--		10.6	5.8 - 15.4



MIHA Snapshot, San Francisco County by Race/Ethnicity, 2010-2012

Maternal and Infant Health Assessment (MIHA) Survey

	San Francisco County		Hispanic		Black		White		Asian/Pacific Islander	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Health Insurance Coverage										
Pre-pregnancy insurance										
Medi-Cal	15.7	12.4 - 18.9	33.7	23.7 - 43.7	44.5	30.4 - 58.5	--		16.5	9.8 - 23.1
Uninsured	11.9	9.2 - 14.6	25.3	16.7 - 33.9	--		5.1	2.3 - 8.0	11.3	6.3 - 16.4
Private	69.3	65.4 - 73.2	33.9	22.7 - 45.0	41.9	28.4 - 55.5	91.2	87.6 - 94.9	68.9	61.2 - 76.6
Prenatal insurance										
Medi-Cal	29.5	25.6 - 33.3	64.1	53.0 - 75.2	62.3	49.8 - 74.7	6.3	3.3 - 9.2	31.0	23.2 - 38.7
Uninsured	3.0	1.4 - 4.5	--		--		--		--	
Private	66.3	62.3 - 70.3	26.9	16.2 - 37.6	31.9	20.2 - 43.6	90.3	86.6 - 94.0	66.6	58.8 - 74.4
Maternal postpartum insurance										
Medi-Cal	22.4	18.8 - 25.9	42.9	32.0 - 53.8	67.0	55.5 - 78.4	7.0	4.0 - 10.1	20.5	13.8 - 27.2
Uninsured	8.8	6.2 - 11.5	24.8	15.5 - 34.2	--		--		8.8	4.1 - 13.5
Private	66.7	62.7 - 70.8	29.8	18.7 - 40.9	28.8	17.7 - 39.8	89.6	85.7 - 93.6	67.0	59.3 - 74.8
Infant health insurance										
Medi-Cal	29.9	26.0 - 33.7	60.7	49.8 - 71.6	69.6	57.8 - 81.5	8.4	4.9 - 11.9	31.6	24.0 - 39.2
Healthy Families	2.9	1.6 - 4.3	10.2	4.9 - 15.5	--		--		--	
Uninsured	--		--		--		--		--	
Private	65.9	61.9 - 69.8	27.5	16.7 - 38.4	24.9	13.5 - 36.4	90.3	86.5 - 94.2	66.1	58.4 - 73.7
Maternal Demographics										
Age										
15-19	2.2	1.0 - 3.4	--		13.3*	5.3 - 21.3	--		--	
20-34	61.1	56.6 - 65.5	72.3	62.7 - 81.8	70.1	57.6 - 82.7	53.2	46.0 - 60.5	62.7	54.6 - 70.8
35+	36.7	32.3 - 41.1	21.1	12.5 - 29.7	16.5*	6.0 - 27.1	46.8	39.5 - 54.0	36.8	28.7 - 44.9
Did not complete high school (or GED)	10.4	8.0 - 12.9	34.4	24.8 - 43.9	29.4	15.8 - 42.9	--		4.9*	1.6 - 8.2
Unmarried	30.0	25.9 - 34.1	65.4	55.5 - 75.3	76.3	64.2 - 88.3	12.0	7.9 - 16.1	22.1	15.0 - 29.1
Born outside the U.S.	46.8	42.1 - 51.4	67.2	56.9 - 77.5	--		21.4	14.5 - 28.2	73.9	66.2 - 81.5
Speaks non-English language at home	30.4	26.2 - 34.6	55.9	44.8 - 66.9	--		6.7	3.0 - 10.4	49.7	41.3 - 58.1
Income as a percent of the Federal Poverty Guideline										
0-100%	24.8	20.8 - 28.8	59.2	47.1 - 71.3	57.4	42.5 - 72.4	8.5*	2.7 - 14.2	20.0	13.2 - 26.7
101-200%	12.0	8.6 - 15.5	24.6	12.5 - 36.8	19.5*	6.3 - 32.8	3.7*	1.5 - 6.0	15.0	8.8 - 21.2
>200%	63.1	58.6 - 67.7	16.2	7.6 - 24.8	23.0	12.3 - 33.8	87.8	81.8 - 93.8	65.0	56.9 - 73.1

-- 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 Francisco County was 614. Percent (%) and 95% confidence interval (95% CI) are weighted to represent all women with a live birth in San Francisco County. 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 Francisco County by Income, 2010-2012

Maternal and Infant Health Assessment (MIHA) Survey

	San Francisco County		0-100% of Poverty		101-200% of Poverty		> 200% of Poverty	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Total	100		24.8	20.8 - 28.8	12.0	8.6 - 15.5	63.1	58.6 - 67.7
Prior Poor Birth Outcomes								
Prior low birth weight or preterm delivery	6.2	3.9 - 8.4	11.9	6.4 - 17.4	--		3.5 *	1.3 - 5.7
Prior delivery by c-section	8.5	5.8 - 11.1	11.8	5.3 - 18.2	--		5.7	2.8 - 8.5
Chronic Conditions before or during Pregnancy								
Diabetes or gestational diabetes	9.1	6.5 - 11.8	9.4	4.5 - 14.2	13.0 *	3.9 - 22.1	8.8	5.1 - 12.5
Hypertension, preeclampsia or eclampsia	12.1	9.2 - 14.9	16.6	10.3 - 22.9	--		10.7	7.3 - 14.0
Asthma	8.2	5.8 - 10.6	14.5	8.1 - 21.0	--		6.1	3.5 - 8.7
Nutrition and Weight								
Daily folic acid use, month before pregnancy	46.0	41.4 - 50.7	32.1	23.2 - 41.1	36.2	20.9 - 51.5	51.9	46.0 - 57.7
Overweight before pregnancy	17.8	14.2 - 21.3	25.8	16.9 - 34.8	26.5	13.1 - 39.9	13.9	10.0 - 17.8
Obese before pregnancy	6.9	4.7 - 9.0	14.2	8.3 - 20.2	--		4.2	2.0 - 6.5
Inadequate weight gain during pregnancy	14.9	11.5 - 18.3	22.1	13.6 - 30.7	16.5 *	6.7 - 26.2	12.0	7.9 - 16.0
Excessive weight gain during pregnancy	38.6	33.8 - 43.3	35.9	25.8 - 46.0	48.3	33.2 - 63.4	39.3	33.3 - 45.4
Food insecurity during pregnancy	8.1	6.0 - 10.2	26.7	18.9 - 34.6	11.9 *	3.9 - 19.8	--	
Intimate Partner Violence (IPV) and Depressive Symptoms								
Physical or psychological IPV during pregnancy	4.3	2.6 - 6.0	11.2	5.6 - 16.9	--		--	
Prenatal depressive symptoms	10.4	7.6 - 13.2	27.6	19.3 - 35.9	21.9 *	8.7 - 35.1	--	
Postpartum depressive symptoms	11.7	8.4 - 14.9	21.9	14.4 - 29.4	31.7	14.8 - 48.6	4.2	2.1 - 6.3
Hardships and Support during Pregnancy								
Woman or partner lost job	15.0	11.8 - 18.3	23.8	16.8 - 30.8	23.1 *	8.7 - 37.6	9.4	5.8 - 12.9
Became separated or divorced	4.0	2.4 - 5.6	10.6	5.1 - 16.1	--		--	
Had no practical or emotional support	5.6	3.5 - 7.8	10.6	5.3 - 16.0	--		--	
Substance Use								
Any smoking, 3 months before pregnancy	10.8	8.0 - 13.5	20.5	13.0 - 28.1	13.0 *	4.3 - 21.8	7.6	4.5 - 10.8
Any smoking, 3rd trimester	2.1	1.1 - 3.2	5.3 *	1.8 - 8.7	--		--	
Any smoking, postpartum	4.8	3.1 - 6.6	12.4	6.2 - 18.5	--		--	
Any binge drinking, 3 months before pregnancy	19.2	15.5 - 22.9	13.2	7.1 - 19.3	17.1 *	2.9 - 31.2	23.4	18.5 - 28.4
Any alcohol use, 3rd trimester	22.1	18.4 - 25.8	--		--		34.6	29.0 - 40.2
Infant Sleep and Breastfeeding								
Placed infant on back to sleep	85.0	81.8 - 88.3	83.0	76.6 - 89.4	76.8	63.3 - 90.4	88.3	84.6 - 92.0
Intended to breastfeed, before birth	94.5	92.4 - 96.6	89.6	83.6 - 95.6	--		96.9 *	95.1 - 98.8
Intended to breastfeed exclusively, before birth	71.3	67.3 - 75.4	59.2	49.8 - 68.6	48.2	32.6 - 63.9	80.7	76.1 - 85.3
Service Utilization								
Had a usual source of pre-pregnancy care	79.0	75.3 - 82.7	62.8	53.6 - 72.0	71.9	59.4 - 84.5	85.8	81.6 - 90.0
Had a postpartum medical visit	91.0	88.6 - 93.5	77.3	69.6 - 84.9	--		95.4	92.9 - 97.8
Mom or infant needed but couldn't afford care postpartum	7.6	5.1 - 10.1	11.7	5.9 - 17.4	27.8	13.4 - 42.1	2.3 *	0.8 - 3.8
Participated in WIC during pregnancy	29.9	26.0 - 33.9	77.0	67.3 - 86.7	67.3	52.3 - 82.3	--	
Received CalFresh (food stamps) during pregnancy	13.0	10.1 - 15.9	40.3	31.0 - 49.6	18.9 *	6.6 - 31.2	--	



MIHA Snapshot, San Francisco County by Income, 2010-2012

Maternal and Infant Health Assessment (MIHA) Survey

	San Francisco County		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	15.7	12.4 - 18.9	45.4	35.8 - 55.0	24.2	10.1 - 38.3	--	
Uninsured	11.9	9.2 - 14.6	29.6	21.1 - 38.1	26.3	14.3 - 38.4	--	
Private	69.3	65.4 - 73.2	18.6	9.1 - 28.1	39.5	24.0 - 55.1	95.4	93.0 - 97.9
Prenatal insurance								
Medi-Cal	29.5	25.6 - 33.3	76.6	66.8 - 86.5	62.7	47.4 - 77.9	3.5 *	1.3 - 5.8
Uninsured	3.0	1.4 - 4.5	--		--		--	
Private	66.3	62.3 - 70.3	15.1 *	5.7 - 24.5	33.9	18.7 - 49.0	93.7	90.8 - 96.7
Maternal postpartum insurance								
Medi-Cal	22.4	18.8 - 25.9	62.3	52.4 - 72.3	33.3	19.4 - 47.2	3.4 *	1.2 - 5.6
Uninsured	8.8	6.2 - 11.5	17.2	10.4 - 24.0	25.6	12.0 - 39.2	--	
Private	66.7	62.7 - 70.8	17.7	8.1 - 27.3	35.2	19.7 - 50.7	93.0	89.9 - 96.0
Infant health insurance								
Medi-Cal	29.9	26.0 - 33.7	77.7	68.0 - 87.4	64.8	49.6 - 79.9	3.5	1.5 - 5.6
Healthy Families	2.9	1.6 - 4.3	10.0	4.7 - 15.2	--		--	
Uninsured	--		--		--		--	
Private	65.9	61.9 - 69.8	12.0 *	2.8 - 21.2	31.9	16.7 - 47.0	94.3	91.7 - 96.9
Maternal Demographics								
Age								
15-19	2.2	1.0 - 3.4	5.1 *	1.7 - 8.4	--		--	
20-34	61.1	56.6 - 65.5	76.0	68.3 - 83.7	76.0	65.0 - 87.1	54.0	48.1 - 59.9
35+	36.7	32.3 - 41.1	18.9	11.8 - 26.1	22.1	11.4 - 32.8	46.0	40.1 - 51.9
Did not complete high school (or GED)	10.4	8.0 - 12.9	33.5	24.9 - 42.1	12.2 *	4.3 - 20.2	--	
Unmarried	30.0	25.9 - 34.1	65.0	55.2 - 74.8	59.1	44.5 - 73.7	9.4	6.3 - 12.5
Race/Ethnicity								
Hispanic	19.9	16.1 - 23.6	44.1	34.7 - 53.5	37.2	20.9 - 53.4	4.7	2.0 - 7.4
Black	5.7	4.8 - 6.6	13.1	8.9 - 17.4	9.0 *	2.6 - 15.5	2.1	1.1 - 3.0
White	41.4	36.9 - 46.0	14.6 *	5.3 - 23.9	13.1 *	5.2 - 21.0	59.1	53.2 - 65.0
Asian/Pacific Islander	32.6	28.2 - 37.0	26.7	18.0 - 35.4	40.7	25.8 - 55.6	34.0	28.2 - 39.7
Born outside the U.S.	46.8	42.1 - 51.4	60.9	52.0 - 69.9	71.8	59.8 - 83.7	35.3	29.7 - 41.0
Speaks non-English language at home	30.4	26.2 - 34.6	54.2	44.6 - 63.8	59.0	43.7 - 74.3	14.7	10.4 - 19.1

-- 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%).

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MIHA Snapshot, San Francisco County by Prenatal Health Insurance, 2010-2012

Maternal and Infant Health Assessment (MIHA) Survey

	San Francisco County		Medi-Cal			Private		
	%	95% CI	%	95% CI		%	95% CI	
Total	100		29.5	25.6 - 33.3		66.3	62.3 - 70.3	
Prior Poor Birth Outcomes								
Prior low birth weight or preterm delivery	6.2	3.9 - 8.4	11.5	5.6 - 17.3		3.5	1.6 - 5.4	
Prior delivery by c-section	8.5	5.8 - 11.1	12.0	6.3 - 17.7		6.9	3.9 - 9.9	
Chronic Conditions before or during Pregnancy								
Diabetes or gestational diabetes	9.1	6.5 - 11.8	11.8	6.6 - 17.1		8.1	4.8 - 11.4	
Hypertension, preeclampsia or eclampsia	12.1	9.2 - 14.9	18.4	11.8 - 25.1		9.2	6.2 - 12.2	
Asthma	8.2	5.8 - 10.6	11.8	6.5 - 17.1		6.4	3.7 - 9.1	
Nutrition and Weight								
Daily folic acid use, month before pregnancy	46.0	41.4 - 50.7	36.9	28.5 - 45.3		50.1	44.2 - 55.9	
Overweight before pregnancy	17.8	14.2 - 21.3	23.6	16.1 - 31.0		13.7	9.9 - 17.5	
Obese before pregnancy	6.9	4.7 - 9.0	11.9	6.4 - 17.4		4.5	2.3 - 6.6	
Inadequate weight gain during pregnancy	14.9	11.5 - 18.3	19.2	12.6 - 25.8		12.2	8.3 - 16.1	
Excessive weight gain during pregnancy	38.6	33.8 - 43.3	36.0	27.0 - 45.0		39.3	33.5 - 45.2	
Food insecurity during pregnancy	8.1	6.0 - 10.2	24.2	17.6 - 30.9		--		
Intimate Partner Violence (IPV) and Depressive Symptoms								
Physical or psychological IPV during pregnancy	4.3	2.6 - 6.0	10.6	5.7 - 15.6		--		
Prenatal depressive symptoms	10.4	7.6 - 13.2	25.4	17.9 - 32.9		3.5	1.7 - 5.4	
Postpartum depressive symptoms	11.7	8.4 - 14.9	24.9	17.3 - 32.5		6.1	2.8 - 9.3	
Hardships and Support during Pregnancy								
Woman or partner lost job	15.0	11.8 - 18.3	29.5	22.0 - 37.0		9.3	6.0 - 12.7	
Became separated or divorced	4.0	2.4 - 5.6	8.4	4.1 - 12.6		--		
Had no practical or emotional support	5.6	3.5 - 7.8	9.2	4.0 - 14.4		3.1*	1.1 - 5.0	
Substance Use								
Any smoking, 3 months before pregnancy	10.8	8.0 - 13.5	19.4	13.0 - 25.8		7.1	4.2 - 10.0	
Any smoking, 3rd trimester	2.1	1.1 - 3.2	5.3	2.2 - 8.4		--		
Any smoking, postpartum	4.8	3.1 - 6.6	13.5	8.0 - 19.0		--		
Any binge drinking, 3 months before pregnancy	19.2	15.5 - 22.9	16.0	10.2 - 21.8		22.0	17.0 - 26.9	
Any alcohol use, 3rd trimester	22.1	18.4 - 25.8	--			31.0	25.7 - 36.2	
Infant Sleep and Breastfeeding								
Placed infant on back to sleep	85.0	81.8 - 88.3	79.1	72.0 - 86.3		87.4	83.7 - 91.0	
Intended to breastfeed, before birth	94.5	92.4 - 96.6	89.4	83.8 - 94.9		96.9	95.1 - 98.7	
Intended to breastfeed exclusively, before birth	71.3	67.3 - 75.4	57.4	49.1 - 65.6		77.9	73.3 - 82.5	
Service Utilization								
Had a usual source of pre-pregnancy care	79.0	75.3 - 82.7	62.8	55.0 - 70.6		87.8	84.0 - 91.5	
Had a postpartum medical visit	91.0	88.6 - 93.5	81.7	75.5 - 87.9		96.2	94.2 - 98.2	
Mom or infant needed but couldn't afford care postpartum	7.6	5.1 - 10.1	16.9	10.2 - 23.6		--		
Participated in WIC during pregnancy	29.9	26.0 - 33.9	78.4	72.1 - 84.7		6.5	3.8 - 9.1	
Received CalFresh (food stamps) during pregnancy	13.0	10.1 - 15.9	38.2	30.2 - 46.2		--		



MIHA Snapshot, San Francisco County by Prenatal Health Insurance, 2010-2012

Maternal and Infant Health Assessment (MIHA) Survey

	San Francisco County		Medi-Cal		Private	
	%	95% CI	%	95% CI	%	95% CI
Health Insurance Coverage						
Pre-pregnancy insurance						
Medi-Cal	15.7	12.4 - 18.9	51.5	43.2 - 59.8	--	
Uninsured	11.9	9.2 - 14.6	32.6	25.1 - 40.2	--	
Private	69.3	65.4 - 73.2	9.7	4.7 - 14.6	--	
Maternal postpartum insurance						
Medi-Cal	22.4	18.8 - 25.9	69.4	61.7 - 77.2	--	
Uninsured	8.8	6.2 - 11.5	17.8	11.3 - 24.2	--	
Private	66.7	62.7 - 70.8	8.7	3.8 - 13.6	95.8	93.7 - 98.0
Infant health insurance						
Medi-Cal	29.9	26.0 - 33.7	86.7	81.3 - 92.1	2.6	1.1 - 4.1
Healthy Families	2.9	1.6 - 4.3	5.9	2.5 - 9.3	--	
Uninsured	--		--		--	
Private	65.9	61.9 - 69.8	6.9 *	2.5 - 11.3	94.8	92.5 - 97.1
Maternal Demographics						
Age						
15-19	2.2	1.0 - 3.4	5.3 *	1.9 - 8.6	--	
20-34	61.1	56.6 - 65.5	75.0	68.2 - 81.9	56.2	50.4 - 62.0
35+	36.7	32.3 - 41.1	19.7	13.5 - 25.9	43.4	37.7 - 49.2
Did not complete high school (or GED)	10.4	8.0 - 12.9	26.8	20.2 - 33.5	--	
Unmarried	30.0	25.9 - 34.1	66.6	59.1 - 74.1	12.3	8.4 - 16.3
Race/Ethnicity						
Hispanic	19.9	16.1 - 23.6	43.2	35.2 - 51.2	7.9	4.2 - 11.7
Black	5.7	4.8 - 6.6	12.1	8.7 - 15.5	2.7	1.7 - 3.7
White	41.4	36.9 - 46.0	8.9	4.7 - 13.1	56.4	50.6 - 62.3
Asian/Pacific Islander	32.6	28.2 - 37.0	34.7	26.6 - 42.8	32.8	27.3 - 38.3
Born outside the U.S.	46.8	42.1 - 51.4	61.5	53.8 - 69.2	39.5	33.6 - 45.4
Speaks non-English language at home	30.4	26.2 - 34.6	54.4	46.5 - 62.3	18.2	13.7 - 22.6
Income as a percent of the Federal Poverty Guideline						
0-100%	24.8	20.8 - 28.8	65.8	57.2 - 74.3	5.5 *	1.8 - 9.3
101-200%	12.0	8.6 - 15.5	26.4	18.2 - 34.6	6.1	2.7 - 9.4
>200%	63.1	58.6 - 67.7	7.8 *	3.1 - 12.6	88.4	83.5 - 93.2

-- 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 Francisco County was 614. Percent (%) and 95% confidence interval (95% CI) are weighted to represent all women with a live birth in San Francisco County. 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 Francisco County by Maternal Age, 2010-2012

Maternal and Infant Health Assessment (MIHA) Survey

	San Francisco County		15-19 Years		20-34 Years		35 Years or Older	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Total	100		2.2	1.0 - 3.4	61.1	56.6 - 65.5	36.7	32.3 - 41.1
Prior Poor Birth Outcomes								
Prior low birth weight or preterm delivery	6.2	3.9 - 8.4	--		6.5	3.4 - 9.6	6.0	2.5 - 9.4
Prior delivery by c-section	8.5	5.8 - 11.1	--		4.9	2.3 - 7.5	15.0	9.4 - 20.5
Chronic Conditions before or during Pregnancy								
Diabetes or gestational diabetes	9.1	6.5 - 11.8	--		6.5	3.9 - 9.1	13.8	8.1 - 19.5
Hypertension, preeclampsia or eclampsia	12.1	9.2 - 14.9	--		12.3	8.4 - 16.1	10.9	6.7 - 15.1
Asthma	8.2	5.8 - 10.6	--		6.1	3.4 - 8.8	10.8	6.2 - 15.3
Nutrition and Weight								
Daily folic acid use, month before pregnancy	46.0	41.4 - 50.7	--		40.0	34.0 - 46.1	55.2	48.0 - 62.3
Overweight before pregnancy	17.8	14.2 - 21.3	--		16.1	11.7 - 20.6	20.5	14.7 - 26.3
Obese before pregnancy	6.9	4.7 - 9.0	--		7.9	4.9 - 11.0	5.3*	2.1 - 8.4
Inadequate weight gain during pregnancy	14.9	11.5 - 18.3	--		14.4	10.1 - 18.6	15.0	9.5 - 20.5
Excessive weight gain during pregnancy	38.6	33.8 - 43.3	--		37.9	31.6 - 44.3	39.3	31.9 - 46.8
Food insecurity during pregnancy	8.1	6.0 - 10.2	--		9.9	6.9 - 13.0	4.5*	1.8 - 7.2
Intimate Partner Violence (IPV) and Depressive Symptoms								
Physical or psychological IPV during pregnancy	4.3	2.6 - 6.0	--		3.9	1.8 - 6.0	--	
Prenatal depressive symptoms	10.4	7.6 - 13.2	--		12.0	8.1 - 16.0	5.9	2.8 - 9.0
Postpartum depressive symptoms	11.7	8.4 - 14.9	--		14.4	9.6 - 19.2	6.8	3.4 - 10.2
Hardships and Support during Pregnancy								
Woman or partner lost job	15.0	11.8 - 18.3	--		17.8	13.2 - 22.4	10.5	6.2 - 14.9
Became separated or divorced	4.0	2.4 - 5.6	--		3.8	1.7 - 5.9	--	
Had no practical or emotional support	5.6	3.5 - 7.8	--		5.3	2.5 - 8.1	6.4	3.0 - 9.7
Substance Use								
Any smoking, 3 months before pregnancy	10.8	8.0 - 13.5	--		13.4	9.3 - 17.4	6.4	3.3 - 9.5
Any smoking, 3rd trimester	2.1	1.1 - 3.2	--		2.8	1.2 - 4.3	--	
Any smoking, postpartum	4.8	3.1 - 6.6	--		6.0	3.4 - 8.7	--	
Any binge drinking, 3 months before pregnancy	19.2	15.5 - 22.9	--		20.8	15.6 - 25.9	17.5	12.2 - 22.7
Any alcohol use, 3rd trimester	22.1	18.4 - 25.8	--		17.6	13.0 - 22.2	30.9	24.3 - 37.4
Infant Sleep and Breastfeeding								
Placed infant on back to sleep	85.0	81.8 - 88.3	--		85.3	81.0 - 89.6	84.4	79.2 - 89.6
Intended to breastfeed, before birth	94.5	92.4 - 96.6	100.0†		92.3	89.1 - 95.5	97.8*	95.8 - 99.8
Intended to breastfeed exclusively, before birth	71.3	67.3 - 75.4	58.5*	30.6 - 86.4	70.3	64.9 - 75.7	73.8	67.5 - 80.1
Service Utilization								
Had a usual source of pre-pregnancy care	79.0	75.3 - 82.7	--		75.4	70.3 - 80.4	84.8	79.5 - 90.1
Had a postpartum medical visit	91.0	88.6 - 93.5	79.4*	60.3 - 98.6	91.0	87.9 - 94.1	91.8	87.6 - 95.9
Mom or infant needed but couldn't afford care postpartum	7.6	5.1 - 10.1	--		7.9	4.4 - 11.3	5.9	2.5 - 9.2
Participated in WIC during pregnancy	29.9	26.0 - 33.9	71.5*	46.0 - 97.0	38.1	32.5 - 43.7	13.3	8.3 - 18.3
Received CalFresh (food stamps) during pregnancy	13.0	10.1 - 15.9	--		17.1	12.8 - 21.4	6.1	2.9 - 9.4



MIHA Snapshot, San Francisco County by Maternal Age, 2010-2012

Maternal and Infant Health Assessment (MIHA) Survey

	San Francisco County		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	15.7	12.4 - 18.9	--		19.1	14.4 - 23.9	8.2	4.4 - 12.1
Uninsured	11.9	9.2 - 14.6	--		15.0	11.0 - 19.0	6.9	3.5 - 10.3
Private	69.3	65.4 - 73.2	--		62.8	57.1 - 68.4	82.5	77.3 - 87.6
Prenatal insurance								
Medi-Cal	29.5	25.6 - 33.3	70.0*	44.2 - 95.8	36.3	30.7 - 41.8	15.7	10.7 - 20.8
Uninsured	3.0	1.4 - 4.5	--		--		--	
Private	66.3	62.3 - 70.3	--		61.1	55.5 - 66.7	78.1	72.3 - 84.0
Maternal postpartum insurance								
Medi-Cal	22.4	18.8 - 25.9	54.4*	26.4 - 82.4	27.4	22.3 - 32.5	12.2	7.6 - 16.9
Uninsured	8.8	6.2 - 11.5	--		11.3	7.5 - 15.1	4.1*	1.1 - 7.1
Private	66.7	62.7 - 70.8	--		59.5	53.8 - 65.3	81.2	75.8 - 86.7
Infant health insurance								
Medi-Cal	29.9	26.0 - 33.7	--		36.1	30.5 - 41.6	16.1	11.1 - 21.1
Healthy Families	2.9	1.6 - 4.3	--		4.0	1.9 - 6.1	--	
Uninsured	--		--		--		--	
Private	65.9	61.9 - 69.8	--		58.3	52.6 - 64.0	82.3	77.2 - 87.4
Maternal Demographics								
Did not complete high school (or GED)	10.4	8.0 - 12.9	55.7*	28.4 - 83.0	10.0	7.1 - 12.9	8.4	4.3 - 12.5
Unmarried	30.0	25.9 - 34.1	100.0†		34.4	28.6 - 40.2	18.4	13.0 - 23.7
Race/Ethnicity								
Hispanic	19.9	16.1 - 23.6	--		23.5	18.2 - 28.8	11.4	6.6 - 16.2
Black	5.7	4.8 - 6.6	34.2*	12.5 - 55.9	6.6	4.9 - 8.3	2.6*	0.9 - 4.2
White	41.4	36.9 - 46.0	--		36.1	30.1 - 42.2	52.7	45.3 - 60.1
Asian/Pacific Islander	32.6	28.2 - 37.0	--		33.5	27.7 - 39.3	32.6	25.4 - 39.8
Born outside the U.S.	46.8	42.1 - 51.4	--		49.7	43.5 - 55.8	43.4	36.0 - 50.7
Speaks non-English language at home	30.4	26.2 - 34.6	--		35.8	30.1 - 41.6	22.8	16.6 - 29.1
Income as a percent of the Federal Poverty Guideline								
0-100%	24.8	20.8 - 28.8	--		30.4	24.7 - 36.0	12.9	8.0 - 17.9
101-200%	12.0	8.6 - 15.5	--		14.7	9.7 - 19.8	7.3	3.8 - 10.9
>200%	63.1	58.6 - 67.7	--		54.9	48.7 - 61.1	79.8	74.0 - 85.6

-- 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%).

† Estimate should be interpreted with caution because the 95% confidence interval (95% CI) is not calculated for an estimate of 100%.

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 Francisco County was 614.

Percent (%) and 95% confidence interval (95% CI) are weighted to represent all women with a live birth in San Francisco County. 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 Francisco County by Education, 2010-2012

Maternal and Infant Health Assessment (MIHA) Survey

	San Francisco County		< High School		High School Graduate or GED		Some College			College Graduate	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	
Total	100		10.4	8.0 - 12.9	7.7	5.0 - 10.5	18.1	14.6 - 21.5	63.8	59.6 - 68.0	
Prior Poor Birth Outcomes											
Prior low birth weight or preterm delivery	6.2	3.9 - 8.4	9.5 *	3.3 - 15.7	--		13.8 *	5.6 - 22.1	--		
Prior delivery by c-section	8.5	5.8 - 11.1	15.8	6.6 - 25.1	--		--		7.1	4.0 - 10.3	
Chronic Conditions before or during Pregnancy											
Diabetes or gestational diabetes	9.1	6.5 - 11.8	11.6 *	2.9 - 20.3	--		11.6	5.3 - 17.9	7.4	4.2 - 10.7	
Hypertension, preeclampsia or eclampsia	12.1	9.2 - 14.9	23.1	12.2 - 34.1	17.8 *	5.1 - 30.4	12.2 *	4.5 - 19.9	9.7	6.5 - 12.8	
Asthma	8.2	5.8 - 10.6	12.6 *	4.4 - 20.7	--		11.5	5.2 - 17.8	6.8	3.8 - 9.8	
Nutrition and Weight											
Daily folic acid use, month before pregnancy	46.0	41.4 - 50.7	29.3	17.5 - 41.0	46.3	27.5 - 65.1	34.1	23.5 - 44.7	52.2	46.2 - 58.1	
Overweight before pregnancy	17.8	14.2 - 21.3	36.4	22.5 - 50.3	16.3 *	4.3 - 28.3	27.0	16.8 - 37.3	12.4	8.9 - 16.0	
Obese before pregnancy	6.9	4.7 - 9.0	12.7 *	4.6 - 20.8	20.2 *	5.0 - 35.4	12.5	6.3 - 18.6	2.8 *	1.0 - 4.7	
Inadequate weight gain during pregnancy	14.9	11.5 - 18.3	21.9	10.8 - 33.1	--		19.1	10.4 - 27.8	12.3	8.4 - 16.3	
Excessive weight gain during pregnancy	38.6	33.8 - 43.3	38.8	24.3 - 53.3	34.7	17.7 - 51.7	48.3	36.8 - 59.7	36.0	30.2 - 41.9	
Food insecurity during pregnancy	8.1	6.0 - 10.2	27.4	16.7 - 38.0	20.1 *	7.8 - 32.4	18.0	10.2 - 25.9	--		
Intimate Partner Violence (IPV) and Depressive Symptoms											
Physical or psychological IPV during pregnancy	4.3	2.6 - 6.0	9.2 *	2.4 - 16.0	--		9.4 *	3.7 - 15.1	--		
Prenatal depressive symptoms	10.4	7.6 - 13.2	26.5	15.6 - 37.3	16.1 *	5.3 - 26.8	22.3	12.9 - 31.6	3.9 *	1.4 - 6.3	
Postpartum depressive symptoms	11.7	8.4 - 14.9	21.8	11.9 - 31.7	--		25.7	15.5 - 36.0	4.9	2.4 - 7.3	
Hardships and Support during Pregnancy											
Woman or partner lost job	15.0	11.8 - 18.3	23.3	13.8 - 32.9	17.4 *	6.4 - 28.5	22.8	13.4 - 32.3	11.3	7.5 - 15.1	
Became separated or divorced	4.0	2.4 - 5.6	9.0 *	3.4 - 14.5	--		8.3 *	3.4 - 13.2	--		
Had no practical or emotional support	5.6	3.5 - 7.8	16.7	7.4 - 26.0	--		--		--		
Substance Use											
Any smoking, 3 months before pregnancy	10.8	8.0 - 13.5	14.7 *	6.0 - 23.4	--		18.4	10.9 - 25.9	7.8	4.5 - 11.2	
Any smoking, 3rd trimester	2.1	1.1 - 3.2	--		--		--		--		
Any smoking, postpartum	4.8	3.1 - 6.6	--		--		9.5	4.2 - 14.8	--		
Any binge drinking, 3 months before pregnancy	19.2	15.5 - 22.9	--		--		19.2	10.9 - 27.5	21.5	16.8 - 26.2	
Any alcohol use, 3rd trimester	22.1	18.4 - 25.8	--		--		--		32.1	26.7 - 37.5	
Infant Sleep and Breastfeeding											
Placed infant on back to sleep	85.0	81.8 - 88.3	81.1	71.8 - 90.4	86.5 *	77.4 - 95.6	75.0	64.6 - 85.3	88.3	84.7 - 92.0	
Intended to breastfeed, before birth	94.5	92.4 - 96.6	92.7 *	86.6 - 98.7	89.5 *	80.3 - 98.8	--		95.3	92.7 - 97.9	
Intended to breastfeed exclusively, before birth	71.3	67.3 - 75.4	48.6	35.8 - 61.4	61.7	44.8 - 78.6	60.6	50.1 - 71.0	79.5	74.8 - 84.2	
Service Utilization											
Had a usual source of pre-pregnancy care	79.0	75.3 - 82.7	72.0	60.3 - 83.6	77.8	65.6 - 90.0	65.0	55.1 - 74.8	84.3	79.9 - 88.7	
Had a postpartum medical visit	91.0	88.6 - 93.5	69.0	57.3 - 80.7	90.7 *	83.6 - 97.9	88.0	81.4 - 94.6	95.7	93.3 - 98.2	
Mom or infant needed but couldn't afford care postpartum	7.6	5.1 - 10.1	19.5	8.8 - 30.2	--		14.1	6.6 - 21.6	3.4 *	1.2 - 5.6	
Participated in WIC during pregnancy	29.9	26.0 - 33.9	84.2	75.1 - 93.3	75.4 *	56.0 - 94.8	57.8	47.5 - 68.2	6.4	3.5 - 9.4	
Received CalFresh (food stamps) during pregnancy	13.0	10.1 - 15.9	35.5	23.8 - 47.2	28.9	14.0 - 43.7	27.4	17.6 - 37.2	3.2 *	0.9 - 5.4	



MIHA Snapshot, San Francisco County by Education, 2010-2012

Maternal and Infant Health Assessment (MIHA) Survey

	San Francisco County		< 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	15.7	12.4 - 18.9	52.9	40.2 - 65.5	47.7	29.2 - 66.3	29.0	18.4 - 39.6	--	
Uninsured	11.9	9.2 - 14.6	25.9	14.8 - 37.1	15.3 *	5.6 - 25.0	24.8	16.3 - 33.3	5.2	2.5 - 8.0
Private	69.3	65.4 - 73.2	14.0 *	4.8 - 23.2	28.5 *	8.8 - 48.3	41.1	30.8 - 51.4	91.4	88.0 - 94.7
Prenatal insurance										
Medi-Cal	29.5	25.6 - 33.3	77.0	65.5 - 88.5	73.6 *	54.3 - 92.9	55.3	45.0 - 65.7	8.9	5.5 - 12.2
Uninsured	3.0	1.4 - 4.5	--		--		--		--	
Private	66.3	62.3 - 70.3	--		--		39.7	29.6 - 49.9	88.5	84.7 - 92.2
Maternal postpartum insurance										
Medi-Cal	22.4	18.8 - 25.9	58.9	46.3 - 71.5	50.6	31.3 - 69.8	44.3	33.7 - 54.9	6.9	3.9 - 9.8
Uninsured	8.8	6.2 - 11.5	23.5	12.3 - 34.7	19.6 *	4.8 - 34.4	15.3	7.2 - 23.5	3.5 *	1.3 - 5.6
Private	66.7	62.7 - 70.8	13.6 *	4.3 - 22.9	--		37.9	27.7 - 48.0	88.0	84.2 - 91.9
Infant health insurance										
Medi-Cal	29.9	26.0 - 33.7	78.1	67.8 - 88.3	71.3 *	52.3 - 90.2	57.9	47.5 - 68.2	9.0	5.8 - 12.3
Healthy Families	2.9	1.6 - 4.3	8.2 *	2.7 - 13.7	--		--		--	
Uninsured	--		--		--		--		--	
Private	65.9	61.9 - 69.8	--		--		35.7	25.7 - 45.8	88.7	85.0 - 92.3
Maternal Demographics										
Age										
15-19	2.2	1.0 - 3.4	11.8 *	3.6 - 20.1	--		--		--	
20-34	61.1	56.6 - 65.5	58.5	45.9 - 71.2	75.3	61.8 - 88.8	80.3	72.8 - 87.8	54.1	48.2 - 60.0
35+	36.7	32.3 - 41.1	29.7	17.5 - 41.9	14.8 *	4.9 - 24.7	18.5	11.2 - 25.9	45.9	40.0 - 51.8
Unmarried	30.0	25.9 - 34.1	74.7	64.4 - 85.0	77.8	65.4 - 90.2	50.0	39.4 - 60.5	11.2	7.6 - 14.7
Race/Ethnicity										
Hispanic	19.9	16.1 - 23.6	64.8	53.4 - 76.1	51.9	33.5 - 70.4	24.1	14.3 - 33.8	7.2	3.9 - 10.5
Black	5.7	4.8 - 6.6	15.4	8.3 - 22.5	15.4 *	4.5 - 26.2	9.4	5.3 - 13.4	1.6	0.7 - 2.4
White	41.4	36.9 - 46.0	--		--		17.1	9.9 - 24.3	59.0	53.1 - 64.9
Asian/Pacific Islander	32.6	28.2 - 37.0	15.3 *	5.8 - 24.7	26.4 *	10.2 - 42.5	47.6	37.1 - 58.1	32.1	26.4 - 37.7
Born outside the U.S.	46.8	42.1 - 51.4	71.8	61.0 - 82.5	70.2	54.9 - 85.5	52.4	41.9 - 62.9	38.4	32.4 - 44.3
Speaks non-English language at home	30.4	26.2 - 34.6	69.0	58.0 - 80.0	52.8	34.0 - 71.6	47.2	36.5 - 57.9	16.4	11.9 - 20.9
Income as a percent of the Federal Poverty Guideline										
0-100%	24.8	20.8 - 28.8	83.9	74.7 - 93.1	54.5	34.2 - 74.8	45.3	34.5 - 56.1	6.4 *	2.2 - 10.5
101-200%	12.0	8.6 - 15.5	14.9 *	5.9 - 23.9	42.7	22.1 - 63.3	26.1	15.7 - 36.5	4.0	1.7 - 6.2
>200%	63.1	58.6 - 67.7	--		--		28.6	19.0 - 38.2	89.6	85.1 - 94.2

-- 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 Francisco County was 614. Percent (%) and 95% confidence interval (95% CI) are weighted to represent all women with a live birth in San Francisco County. 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.