



MIHA Snapshot, Tulare County by Race/Ethnicity, 2010-2012

Maternal and Infant Health Assessment (MIHA) Survey

	Tulare County		Hispanic		Black		White		Asian/Pacific Islander	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Total	100		73.0	69.4 - 76.7	1.3	1.0 - 1.5	21.6	18.3 - 24.9	3.2 *	1.3 - 5.1
Prior Poor Birth Outcomes										
Prior low birth weight or preterm delivery	9.7	7.1 - 12.3	10.6	7.3 - 13.9	--		6.6 *	2.3 - 10.9	--	
Prior delivery by c-section	20.5	16.9 - 24.0	22.2	17.7 - 26.6	--		18.5	11.9 - 25.0	--	
Chronic Conditions before or during Pregnancy										
Diabetes or gestational diabetes	11.8	8.9 - 14.7	12.0	8.4 - 15.6	--		13.4	7.5 - 19.4	--	
Hypertension, preeclampsia or eclampsia	11.4	8.5 - 14.4	9.7	6.4 - 13.1	--		17.5	10.3 - 24.7	--	
Asthma	9.5	6.7 - 12.2	7.3	4.4 - 10.3	--		15.1	8.5 - 21.7	--	
Nutrition and Weight										
Daily folic acid use, month before pregnancy	27.1	23.1 - 31.0	25.4	20.6 - 30.3	26.1 *	10.1 - 42.1	35.2	27.5 - 42.9	--	
Overweight before pregnancy	27.9	23.5 - 32.2	31.5	26.0 - 37.0	27.9	11.7 - 44.0	19.2	12.6 - 25.8	--	
Obese before pregnancy	27.1	22.8 - 31.3	27.5	22.3 - 32.6	24.6	11.6 - 37.5	23.5	16.1 - 31.0	--	
Inadequate weight gain during pregnancy	17.8	13.6 - 21.9	19.9	14.6 - 25.3	--		11.4	5.6 - 17.2	--	
Excessive weight gain during pregnancy	45.1	39.8 - 50.4	41.9	35.3 - 48.4	52.0	32.0 - 72.0	53.3	44.0 - 62.6	--	
Food insecurity during pregnancy	23.7	19.8 - 27.6	27.4	22.5 - 32.3	22.6	10.5 - 34.7	13.6	7.0 - 20.1	--	
Intimate Partner Violence (IPV) and Depressive Symptoms										
Physical or psychological IPV during pregnancy	11.5	8.7 - 14.3	12.1	8.6 - 15.6	28.0	14.1 - 42.0	--		--	
Prenatal depressive symptoms	19.0	15.5 - 22.5	20.8	16.4 - 25.2	29.4	14.0 - 44.8	13.2	7.8 - 18.7	--	
Postpartum depressive symptoms	14.9	11.7 - 18.1	16.5	12.4 - 20.5	--		10.6	5.7 - 15.4	--	
Hardships and Support during Pregnancy										
Woman or partner lost job	15.8	12.5 - 19.1	16.5	12.3 - 20.6	--		14.8	8.9 - 20.8	--	
Became separated or divorced	10.5	7.7 - 13.3	10.4	7.1 - 13.7	30.7	15.2 - 46.1	8.9 *	3.5 - 14.4	--	
Had no practical or emotional support	6.7	4.2 - 9.2	8.6	5.3 - 12.0	--		--		--	
Substance Use										
Any smoking, 3 months before pregnancy	11.4	8.7 - 14.1	6.9	4.2 - 9.6	29.7	14.5 - 45.0	22.8	15.3 - 30.3	--	
Any smoking, 3rd trimester	4.1	2.4 - 5.9	--		--		8.0 *	3.1 - 12.9	--	
Any smoking, postpartum	5.9	3.9 - 7.8	2.6 *	0.9 - 4.3	27.3	11.4 - 43.3	12.5	6.6 - 18.5	--	
Any binge drinking, 3 months before pregnancy	13.5	10.5 - 16.5	13.3	9.6 - 16.9	--		15.5	9.0 - 22.0	--	
Any alcohol use, 3rd trimester	2.2	1.0 - 3.4	--		--		--		--	
Infant Sleep and Breastfeeding										
Placed infant on back to sleep	67.9	63.6 - 72.2	67.5	62.2 - 72.8	60.8	43.3 - 78.2	70.5	62.7 - 78.3	--	
Intended to breastfeed, before birth	82.6	79.0 - 86.2	81.2	76.7 - 85.7	77.9 *	60.3 - 95.6	85.7	79.9 - 91.6	--	
Intended to breastfeed exclusively, before birth	46.8	42.3 - 51.3	41.1	35.8 - 46.5	42.7	27.3 - 58.0	65.6	57.5 - 73.7	--	
Service Utilization										
Had a usual source of pre-pregnancy care	71.9	67.9 - 76.0	68.7	63.7 - 73.7	77.7	65.9 - 89.4	82.4	76.0 - 88.8	--	
Had a postpartum medical visit	81.3	77.7 - 84.9	79.5	75.0 - 84.0	85.1 *	76.0 - 94.1	84.3	77.9 - 90.7	--	
Mom or infant needed but couldn't afford care postpartum	14.5	11.1 - 18.0	17.8	13.3 - 22.2	--		--		--	
Participated in WIC during pregnancy	72.2	68.7 - 75.6	82.9	79.4 - 86.5	71.4	57.1 - 85.7	36.0	27.7 - 44.3	--	
Received CalFresh (food stamps) during pregnancy	47.2	42.8 - 51.6	51.3	45.8 - 56.7	78.6	67.1 - 90.0	34.6	26.4 - 42.8	--	



MIHA Snapshot, Tulare County by Race/Ethnicity, 2010-2012

Maternal and Infant Health Assessment (MIHA) Survey

	Tulare 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	49.8	45.4 - 54.1	55.0	49.7 - 60.4	80.8	73.1 - 88.6	30.2	22.1 - 38.2	--	
Uninsured	23.7	19.8 - 27.6	28.1	23.1 - 33.0	--		12.9	7.0 - 18.8	--	
Private	25.5	22.1 - 28.9	15.5	11.9 - 19.0	--		56.9	48.6 - 65.2	--	
Prenatal insurance										
Medi-Cal	76.8	73.5 - 80.1	86.4	83.2 - 89.6	89.4 *	81.9 - 96.8	46.8	38.4 - 55.2	67.3 *	39.1 - 95.5
Uninsured	--		--		--		--		--	
Private	20.2	17.2 - 23.2	10.5	7.7 - 13.2	--		50.3	41.9 - 58.6	--	
Maternal postpartum insurance										
Medi-Cal	54.9	50.5 - 59.3	58.8	53.5 - 64.2	73.7 *	56.9 - 90.6	39.6	31.2 - 48.1	--	
Uninsured	21.2	17.4 - 25.0	26.8	21.9 - 31.7	--		--		--	
Private	22.3	19.0 - 25.6	12.3	9.0 - 15.6	--		53.6	45.2 - 62.0	--	
Infant health insurance										
Medi-Cal	72.7	69.1 - 76.3	81.6	77.7 - 85.5	85.7 *	76.4 - 94.9	43.9	35.3 - 52.4	67.3 *	39.1 - 95.5
Healthy Families	5.4	3.5 - 7.3	5.9	3.5 - 8.3	--		--		--	
Uninsured	--		--		--		--		--	
Private	19.4	16.3 - 22.5	9.5	6.7 - 12.3	--		49.9	41.4 - 58.4	--	
Maternal Demographics										
Age										
15-19	12.8	10.1 - 15.6	14.5	11.0 - 17.9	20.0 *	8.1 - 32.0	--		--	
20-34	75.8	72.1 - 79.5	73.1	68.6 - 77.7	75.9	63.3 - 88.6	80.3	73.2 - 87.5	--	
35+	11.4	8.6 - 14.2	12.4	8.8 - 15.9	--		10.8	5.6 - 16.0	--	
Did not complete high school (or GED)	30.3	26.2 - 34.3	38.0	32.8 - 43.2	34.2	17.5 - 51.0	8.4	3.7 - 13.1	--	
Unmarried	56.1	51.8 - 60.5	60.7	55.5 - 65.9	90.8 *	84.0 - 97.7	36.9	28.6 - 45.2	71.6 *	45.3 - 97.9
Born outside the U.S.	36.0	31.6 - 40.3	45.6	40.2 - 51.0	--		--		--	
Speaks non-English language at home	34.5	30.2 - 38.8	43.7	38.3 - 49.0	--		--		--	
Income as a percent of the Federal Poverty Guideline										
0-100%	63.2	59.0 - 67.5	71.9	66.8 - 76.9	80.4 *	68.1 - 92.8	38.1	29.7 - 46.6	--	
101-200%	19.7	16.0 - 23.5	20.9	16.2 - 25.6	--		14.5	8.7 - 20.4	--	
>200%	17.0	14.1 - 19.9	7.2	4.8 - 9.7	--		47.3	38.9 - 55.7	--	

-- 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 Tulare County was 621. Percent (%) and 95% confidence interval (95% CI) are weighted to represent all women with a live birth in Tulare 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, Tulare County by Income, 2010-2012

Maternal and Infant Health Assessment (MIHA) Survey

	Tulare County		0-100% of Poverty		101-200% of Poverty		> 200% of Poverty	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Total	100		63.2	59.0 - 67.5	19.7	16.0 - 23.5	17.0	14.1 - 19.9
Prior Poor Birth Outcomes								
Prior low birth weight or preterm delivery	9.7	7.1 - 12.3	11.8	7.9 - 15.7	9.0*	3.5 - 14.4	--	
Prior delivery by c-section	20.5	16.9 - 24.0	20.6	15.9 - 25.3	22.7	13.6 - 31.7	19.0	11.7 - 26.4
Chronic Conditions before or during Pregnancy								
Diabetes or gestational diabetes	11.8	8.9 - 14.7	15.5	11.0 - 19.9	--		10.2	4.5 - 15.9
Hypertension, preeclampsia or eclampsia	11.4	8.5 - 14.4	11.8	7.8 - 15.9	--		10.6	4.5 - 16.6
Asthma	9.5	6.7 - 12.2	8.4	4.9 - 11.9	10.8*	4.2 - 17.4	11.7*	4.5 - 18.9
Nutrition and Weight								
Daily folic acid use, month before pregnancy	27.1	23.1 - 31.0	24.9	19.5 - 30.3	21.4	13.1 - 29.8	44.2	34.5 - 53.9
Overweight before pregnancy	27.9	23.5 - 32.2	26.1	20.2 - 31.9	36.5	25.6 - 47.4	25.7	17.4 - 34.0
Obese before pregnancy	27.1	22.8 - 31.3	30.7	24.7 - 36.6	19.7	11.5 - 28.0	23.4	13.9 - 32.8
Inadequate weight gain during pregnancy	17.8	13.6 - 21.9	20.3	14.4 - 26.2	21.1	10.7 - 31.5	10.2*	4.0 - 16.4
Excessive weight gain during pregnancy	45.1	39.8 - 50.4	44.7	37.4 - 52.0	36.7	24.6 - 48.7	57.0	46.3 - 67.8
Food insecurity during pregnancy	23.7	19.8 - 27.6	30.4	24.8 - 35.9	17.7	9.2 - 26.1	--	
Intimate Partner Violence (IPV) and Depressive Symptoms								
Physical or psychological IPV during pregnancy	11.5	8.7 - 14.3	16.9	12.5 - 21.3	--		--	
Prenatal depressive symptoms	19.0	15.5 - 22.5	23.1	18.2 - 28.1	14.9	7.5 - 22.4	10.7	5.0 - 16.5
Postpartum depressive symptoms	14.9	11.7 - 18.1	18.1	13.5 - 22.7	11.7*	4.8 - 18.7	7.9*	3.1 - 12.7
Hardships and Support during Pregnancy								
Woman or partner lost job	15.8	12.5 - 19.1	15.3	11.1 - 19.4	22.3	13.0 - 31.6	--	
Became separated or divorced	10.5	7.7 - 13.3	13.3	9.3 - 17.3	--		--	
Had no practical or emotional support	6.7	4.2 - 9.2	9.0	5.1 - 12.8	--		--	
Substance Use								
Any smoking, 3 months before pregnancy	11.4	8.7 - 14.1	14.2	10.2 - 18.3	8.1*	3.0 - 13.1	--	
Any smoking, 3rd trimester	4.1	2.4 - 5.9	5.6	3.0 - 8.2	--		--	
Any smoking, postpartum	5.9	3.9 - 7.8	7.0	4.2 - 9.8	--		--	
Any binge drinking, 3 months before pregnancy	13.5	10.5 - 16.5	14.5	10.2 - 18.8	11.4	5.6 - 17.1	12.8	6.6 - 19.1
Any alcohol use, 3rd trimester	2.2	1.0 - 3.4	--		--		--	
Infant Sleep and Breastfeeding								
Placed infant on back to sleep	67.9	63.6 - 72.2	67.0	61.1 - 72.9	74.5	64.9 - 84.1	68.1	58.7 - 77.5
Intended to breastfeed, before birth	82.6	79.0 - 86.2	79.4	74.2 - 84.6	90.6*	84.6 - 96.5	85.1	77.8 - 92.4
Intended to breastfeed exclusively, before birth	46.8	42.3 - 51.3	42.6	36.6 - 48.6	53.6	42.9 - 64.3	61.4	51.6 - 71.3
Service Utilization								
Had a usual source of pre-pregnancy care	71.9	67.9 - 76.0	69.6	64.1 - 75.2	70.4	60.7 - 80.1	86.1	78.5 - 93.8
Had a postpartum medical visit	81.3	77.7 - 84.9	76.6	71.5 - 81.8	84.0	75.9 - 92.0	--	
Mom or infant needed but couldn't afford care postpartum	14.5	11.1 - 18.0	17.1	12.4 - 21.9	17.2	8.5 - 25.9	--	
Participated in WIC during pregnancy	72.2	68.7 - 75.6	85.3	81.4 - 89.3	74.0	65.7 - 82.2	12.3	5.6 - 19.0
Received CalFresh (food stamps) during pregnancy	47.2	42.8 - 51.6	67.8	62.3 - 73.4	24.0	14.5 - 33.5	--	



MIHA Snapshot, Tulare County by Income, 2010-2012

Maternal and Infant Health Assessment (MIHA) Survey

	Tulare 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	49.8	45.4 - 54.1	65.6	60.0 - 71.3	36.1	25.6 - 46.6	--	
Uninsured	23.7	19.8 - 27.6	25.0	19.8 - 30.3	34.9	24.5 - 45.3	--	
Private	25.5	22.1 - 28.9	7.6	4.6 - 10.6	29.0	20.2 - 37.9	91.3 *	85.7 - 96.8
Prenatal insurance								
Medi-Cal	76.8	73.5 - 80.1	93.6	90.9 - 96.3	77.4	69.6 - 85.2	--	
Uninsured	--		--		--		--	
Private	20.2	17.2 - 23.2	3.7	1.8 - 5.6	18.7	11.6 - 25.8	87.8	81.2 - 94.4
Maternal postpartum insurance								
Medi-Cal	54.9	50.5 - 59.3	72.8	67.4 - 78.1	36.4	26.2 - 46.6	--	
Uninsured	21.2	17.4 - 25.0	22.4	17.3 - 27.5	31.1	20.8 - 41.3	--	
Private	22.3	19.0 - 25.6	4.1	1.9 - 6.2	28.8	19.5 - 38.1	87.2	80.4 - 94.1
Infant health insurance								
Medi-Cal	72.7	69.1 - 76.3	89.1	85.5 - 92.7	70.2	60.9 - 79.5	11.6	5.0 - 18.2
Healthy Families	5.4	3.5 - 7.3	5.1	2.5 - 7.6	--		--	
Uninsured	--		--		--		--	
Private	19.4	16.3 - 22.5	--		22.4	14.1 - 30.7	81.3	73.6 - 89.0
Maternal Demographics								
Age								
15-19	12.8	10.1 - 15.6	17.8	13.5 - 22.1	--		--	
20-34	75.8	72.1 - 79.5	71.5	66.2 - 76.8	85.0	78.0 - 92.1	83.8	76.9 - 90.7
35+	11.4	8.6 - 14.2	10.7	6.9 - 14.4	11.6	5.1 - 18.1	15.1	8.4 - 21.8
Did not complete high school (or GED)	30.3	26.2 - 34.3	40.8	35.0 - 46.6	20.5	11.3 - 29.7	--	
Unmarried	56.1	51.8 - 60.5	71.4	66.1 - 76.7	36.2	25.9 - 46.4	18.2	10.0 - 26.4
Race/Ethnicity								
Hispanic	73.0	69.4 - 76.7	81.7	77.3 - 86.2	76.1	67.9 - 84.3	31.5	22.4 - 40.7
Black	1.3	1.0 - 1.5	1.6	1.1 - 2.1	--		--	
White	21.6	18.3 - 24.9	13.3	9.5 - 17.2	16.3	9.6 - 22.9	63.3	53.6 - 72.9
Asian/Pacific Islander	3.2 *	1.3 - 5.1	--		--		--	
Born outside the U.S.	36.0	31.6 - 40.3	41.4	35.5 - 47.4	43.8	33.1 - 54.6	--	
Speaks non-English language at home	34.5	30.2 - 38.8	41.0	35.1 - 46.9	33.9	23.5 - 44.3	--	

-- 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 Tulare County was 621. Percent (%) and 95% confidence interval (95% CI) are weighted to represent all women with a live birth in Tulare 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, Tulare County by Prenatal Health Insurance, 2010-2012

Maternal and Infant Health Assessment (MIHA) Survey

	Tulare County		Medi-Cal		Private	
	%	95% CI	%	95% CI	%	95% CI
Total	100		76.8	73.5 - 80.1	20.2	17.2 - 23.2
Prior Poor Birth Outcomes						
Prior low birth weight or preterm delivery	9.7	7.1 - 12.3	10.0	6.8 - 13.1	8.3	3.7 - 12.9
Prior delivery by c-section	20.5	16.9 - 24.0	20.4	16.1 - 24.7	22.1	15.3 - 29.0
Chronic Conditions before or during Pregnancy						
Diabetes or gestational diabetes	11.8	8.9 - 14.7	12.4	8.9 - 15.9	9.4	4.6 - 14.1
Hypertension, preeclampsia or eclampsia	11.4	8.5 - 14.4	12.0	8.4 - 15.6	9.9	4.7 - 15.1
Asthma	9.5	6.7 - 12.2	8.8	5.7 - 12.0	12.8	6.6 - 19.0
Nutrition and Weight						
Daily folic acid use, month before pregnancy	27.1	23.1 - 31.0	22.9	18.3 - 27.5	42.7	34.2 - 51.1
Overweight before pregnancy	27.9	23.5 - 32.2	29.1	23.8 - 34.4	26.5	19.1 - 33.9
Obese before pregnancy	27.1	22.8 - 31.3	28.4	23.3 - 33.5	23.1	15.1 - 31.1
Inadequate weight gain during pregnancy	17.8	13.6 - 21.9	19.5	14.3 - 24.7	12.6	6.7 - 18.5
Excessive weight gain during pregnancy	45.1	39.8 - 50.4	42.3	35.9 - 48.8	52.6	42.9 - 62.4
Food insecurity during pregnancy	23.7	19.8 - 27.6	28.3	23.5 - 33.1	6.9*	2.5 - 11.2
Intimate Partner Violence (IPV) and Depressive Symptoms						
Physical or psychological IPV during pregnancy	11.5	8.7 - 14.3	13.1	9.7 - 16.6	--	
Prenatal depressive symptoms	19.0	15.5 - 22.5	22.3	17.9 - 26.6	8.8	4.2 - 13.5
Postpartum depressive symptoms	14.9	11.7 - 18.1	16.9	12.9 - 20.8	8.2	3.8 - 12.5
Hardships and Support during Pregnancy						
Woman or partner lost job	15.8	12.5 - 19.1	17.9	13.8 - 22.0	8.9	3.7 - 14.1
Became separated or divorced	10.5	7.7 - 13.3	11.2	7.8 - 14.5	7.2*	2.1 - 12.2
Had no practical or emotional support	6.7	4.2 - 9.2	8.5	5.3 - 11.8	--	
Substance Use						
Any smoking, 3 months before pregnancy	11.4	8.7 - 14.1	13.1	9.7 - 16.5	6.0*	2.4 - 9.7
Any smoking, 3rd trimester	4.1	2.4 - 5.9	5.0	2.8 - 7.3	--	
Any smoking, postpartum	5.9	3.9 - 7.8	7.0	4.5 - 9.4	--	
Any binge drinking, 3 months before pregnancy	13.5	10.5 - 16.5	13.1	9.5 - 16.7	16.2	10.2 - 22.2
Any alcohol use, 3rd trimester	2.2	1.0 - 3.4	--		--	
Infant Sleep and Breastfeeding						
Placed infant on back to sleep	67.9	63.6 - 72.2	67.4	62.2 - 72.5	71.1	63.0 - 79.1
Intended to breastfeed, before birth	82.6	79.0 - 86.2	81.9	77.5 - 86.2	87.3	81.4 - 93.2
Intended to breastfeed exclusively, before birth	46.8	42.3 - 51.3	43.2	37.9 - 48.5	61.4	52.8 - 70.0
Service Utilization						
Had a usual source of pre-pregnancy care	71.9	67.9 - 76.0	68.5	63.6 - 73.4	85.7	79.2 - 92.2
Had a postpartum medical visit	81.3	77.7 - 84.9	78.2	73.8 - 82.7	93.8*	89.7 - 97.9
Mom or infant needed but couldn't afford care postpartum	14.5	11.1 - 18.0	18.4	14.0 - 22.8	--	
Participated in WIC during pregnancy	72.2	68.7 - 75.6	87.1	84.0 - 90.2	15.7	9.6 - 21.8
Received CalFresh (food stamps) during pregnancy	47.2	42.8 - 51.6	58.6	53.4 - 63.9	--	



MIHA Snapshot, Tulare County by Prenatal Health Insurance, 2010-2012

Maternal and Infant Health Assessment (MIHA) Survey

	Tulare County		Medi-Cal		Private	
	%	95% CI	%	95% CI	%	95% CI
Health Insurance Coverage						
Pre-pregnancy insurance						
Medi-Cal	49.8	45.4 - 54.1	62.8	57.7 - 68.0	--	
Uninsured	23.7	19.8 - 27.6	28.6	23.8 - 33.5	--	
Private	25.5	22.1 - 28.9	7.5	4.7 - 10.2	93.9 *	89.2 - 98.6
Maternal postpartum insurance						
Medi-Cal	54.9	50.5 - 59.3	68.7	63.6 - 73.7	--	
Uninsured	21.2	17.4 - 25.0	24.9	20.3 - 29.6	--	
Private	22.3	19.0 - 25.6	4.6	2.3 - 7.0	91.1	86.0 - 96.2
Infant health insurance						
Medi-Cal	72.7	69.1 - 76.3	89.7	86.5 - 92.9	11.4	5.8 - 17.0
Healthy Families	5.4	3.5 - 7.3	4.8	2.6 - 6.9	--	
Uninsured	--		--		--	
Private	19.4	16.3 - 22.5	2.8 *	0.9 - 4.7	82.9	76.3 - 89.5
Maternal Demographics						
Age						
15-19	12.8	10.1 - 15.6	15.6	12.1 - 19.1	--	
20-34	75.8	72.1 - 79.5	74.3	69.8 - 78.8	81.1	74.5 - 87.6
35+	11.4	8.6 - 14.2	10.1	6.9 - 13.4	17.4	11.1 - 23.7
Did not complete high school (or GED)	30.3	26.2 - 34.3	37.5	32.4 - 42.6	--	
Unmarried	56.1	51.8 - 60.5	65.2	60.2 - 70.2	21.4	14.2 - 28.7
Race/Ethnicity						
Hispanic	73.0	69.4 - 76.7	82.0	78.1 - 85.8	38.6	30.3 - 46.8
Black	1.3	1.0 - 1.5	1.4	1.1 - 1.8	--	
White	21.6	18.3 - 24.9	13.0	9.7 - 16.3	54.3	45.8 - 62.9
Asian/Pacific Islander	3.2 *	1.3 - 5.1	2.8 *	0.7 - 4.9	--	
Born outside the U.S.	36.0	31.6 - 40.3	42.4	37.2 - 47.7	11.3	5.9 - 16.7
Speaks non-English language at home	34.5	30.2 - 38.8	41.5	36.3 - 46.8	10.1	4.8 - 15.4
Income as a percent of the Federal Poverty Guideline						
0-100%	63.2	59.0 - 67.5	77.9	73.2 - 82.5	11.2	5.6 - 16.7
101-200%	19.7	16.0 - 23.5	20.2	15.7 - 24.7	17.6	11.2 - 24.0
>200%	17.0	14.1 - 19.9	--		71.2	63.5 - 79.0

-- 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, Tulare County by Maternal Age, 2010-2012

Maternal and Infant Health Assessment (MIHA) Survey

	Tulare County		15-19 Years		20-34 Years		35 Years or Older	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Total	100		12.8	10.1 - 15.6	75.8	72.1 - 79.5	11.4	8.6 - 14.2
Prior Poor Birth Outcomes								
Prior low birth weight or preterm delivery	9.7	7.1 - 12.3	--		10.8	7.6 - 14.0	--	
Prior delivery by c-section	20.5	16.9 - 24.0	--		21.3	17.0 - 25.5	30.4	18.8 - 42.0
Chronic Conditions before or during Pregnancy								
Diabetes or gestational diabetes	11.8	8.9 - 14.7	--		11.1	7.8 - 14.4	22.2	11.6 - 32.8
Hypertension, preeclampsia or eclampsia	11.4	8.5 - 14.4	--		12.0	8.5 - 15.5	--	
Asthma	9.5	6.7 - 12.2	17.7	8.6 - 26.8	8.6	5.5 - 11.7	--	
Nutrition and Weight								
Daily folic acid use, month before pregnancy	27.1	23.1 - 31.0	27.3	16.7 - 37.8	25.5	20.9 - 30.0	37.2	25.0 - 49.4
Overweight before pregnancy	27.9	23.5 - 32.2	14.9	6.5 - 23.3	28.8	23.6 - 33.9	36.2	23.3 - 49.1
Obese before pregnancy	27.1	22.8 - 31.3	14.4*	5.4 - 23.5	27.7	22.7 - 32.6	37.2	24.0 - 50.4
Inadequate weight gain during pregnancy	17.8	13.6 - 21.9	--		19.8	14.9 - 24.7	--	
Excessive weight gain during pregnancy	45.1	39.8 - 50.4	42.3	29.4 - 55.3	44.6	38.4 - 50.7	52.2	36.3 - 68.0
Food insecurity during pregnancy	23.7	19.8 - 27.6	24.1	14.0 - 34.1	23.1	18.7 - 27.6	26.7	14.4 - 39.0
Intimate Partner Violence (IPV) and Depressive Symptoms								
Physical or psychological IPV during pregnancy	11.5	8.7 - 14.3	23.7	13.9 - 33.5	10.8	7.6 - 14.0	--	
Prenatal depressive symptoms	19.0	15.5 - 22.5	17.9	9.1 - 26.7	19.9	15.7 - 24.0	--	
Postpartum depressive symptoms	14.9	11.7 - 18.1	18.2	9.2 - 27.1	14.7	11.0 - 18.4	--	
Hardships and Support during Pregnancy								
Woman or partner lost job	15.8	12.5 - 19.1	11.2*	4.0 - 18.5	17.1	13.1 - 21.2	12.0*	3.8 - 20.3
Became separated or divorced	10.5	7.7 - 13.3	16.7	7.6 - 25.8	10.1	6.9 - 13.2	--	
Had no practical or emotional support	6.7	4.2 - 9.2	--		7.3	4.2 - 10.3	--	
Substance Use								
Any smoking, 3 months before pregnancy	11.4	8.7 - 14.1	--		13.3	9.9 - 16.8	--	
Any smoking, 3rd trimester	4.1	2.4 - 5.9	--		5.1	2.9 - 7.4	--	
Any smoking, postpartum	5.9	3.9 - 7.8	--		6.8	4.3 - 9.2	--	
Any binge drinking, 3 months before pregnancy	13.5	10.5 - 16.5	8.9*	3.0 - 14.8	15.1	11.4 - 18.8	--	
Any alcohol use, 3rd trimester	2.2	1.0 - 3.4	--		2.1*	0.7 - 3.4	--	
Infant Sleep and Breastfeeding								
Placed infant on back to sleep	67.9	63.6 - 72.2	65.6	54.2 - 76.9	69.7	64.8 - 74.7	58.1	44.6 - 71.7
Intended to breastfeed, before birth	82.6	79.0 - 86.2	76.4	66.0 - 86.7	83.5	79.3 - 87.6	84.3*	73.9 - 94.6
Intended to breastfeed exclusively, before birth	46.8	42.3 - 51.3	37.7	26.8 - 48.7	47.5	42.3 - 52.8	53.1	39.4 - 66.8
Service Utilization								
Had a usual source of pre-pregnancy care	71.9	67.9 - 76.0	73.4	63.6 - 83.1	71.6	66.8 - 76.4	72.4	60.3 - 84.4
Had a postpartum medical visit	81.3	77.7 - 84.9	72.4	62.1 - 82.8	82.1	77.9 - 86.2	86.1*	76.9 - 95.3
Mom or infant needed but couldn't afford care postpartum	14.5	11.1 - 18.0	--		15.7	11.5 - 19.9	--	
Participated in WIC during pregnancy	72.2	68.7 - 75.6	92.4*	86.4 - 98.5	69.1	64.8 - 73.3	70.0	59.0 - 80.9
Received CalFresh (food stamps) during pregnancy	47.2	42.8 - 51.6	45.2	33.6 - 56.8	48.4	43.3 - 53.6	41.1	28.1 - 54.2



MIHA Snapshot, Tulare County by Maternal Age, 2010-2012

Maternal and Infant Health Assessment (MIHA) Survey

	Tulare 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	49.8	45.4 - 54.1	73.9	63.7 - 84.2	46.8	41.6 - 52.0	42.0	28.9 - 55.1
Uninsured	23.7	19.8 - 27.6	--	--	25.0	20.4 - 29.6	27.6	15.4 - 39.8
Private	25.5	22.1 - 28.9	12.8	5.4 - 20.3	27.1	22.9 - 31.2	29.4	18.9 - 40.0
Prenatal insurance								
Medi-Cal	76.8	73.5 - 80.1	92.8*	87.0 - 98.5	75.4	71.4 - 79.3	68.2	57.2 - 79.2
Uninsured	--	--	--	--	--	--	--	--
Private	20.2	17.2 - 23.2	--	--	21.6	18.0 - 25.3	30.8	19.9 - 41.7
Maternal postpartum insurance								
Medi-Cal	54.9	50.5 - 59.3	80.6	70.9 - 90.2	52.9	47.7 - 58.1	39.1	26.1 - 52.1
Uninsured	21.2	17.4 - 25.0	16.1	6.9 - 25.4	21.3	16.9 - 25.7	26.5	14.3 - 38.8
Private	22.3	19.0 - 25.6	--	--	24.6	20.5 - 28.6	30.0	19.2 - 40.9
Infant health insurance								
Medi-Cal	72.7	69.1 - 76.3	91.4*	85.3 - 97.5	71.8	67.5 - 76.1	55.7	42.4 - 69.0
Healthy Families	5.4	3.5 - 7.3	--	--	4.9	2.9 - 6.9	--	--
Uninsured	--	--	--	--	--	--	--	--
Private	19.4	16.3 - 22.5	--	--	21.6	17.8 - 25.4	27.7	16.9 - 38.5
Maternal Demographics								
Did not complete high school (or GED)	30.3	26.2 - 34.3	43.4	31.9 - 55.0	26.9	22.3 - 31.6	37.5	24.7 - 50.3
Unmarried	56.1	51.8 - 60.5	86.4*	78.1 - 94.7	54.8	49.7 - 59.9	30.7	18.4 - 43.0
Race/Ethnicity								
Hispanic	73.0	69.4 - 76.7	82.0	73.0 - 91.1	70.6	66.2 - 75.0	79.0	69.5 - 88.6
Black	1.3	1.0 - 1.5	2.0*	0.8 - 3.1	1.3	0.9 - 1.7	--	--
White	21.6	18.3 - 24.9	--	--	23.0	19.1 - 26.8	20.5	11.0 - 30.1
Asian/Pacific Islander	3.2*	1.3 - 5.1	--	--	4.1*	1.6 - 6.6	--	--
Born outside the U.S.	36.0	31.6 - 40.3	18.7	8.6 - 28.9	35.4	30.4 - 40.4	59.3	47.1 - 71.5
Speaks non-English language at home	34.5	30.2 - 38.8	17.9	9.3 - 26.6	34.1	29.1 - 39.1	55.7	43.0 - 68.4
Income as a percent of the Federal Poverty Guideline								
0-100%	63.2	59.0 - 67.5	93.0*	87.4 - 98.6	59.3	54.2 - 64.4	58.1	45.2 - 70.9
101-200%	19.7	16.0 - 23.5	--	--	22.0	17.5 - 26.6	19.8	9.3 - 30.2
>200%	17.0	14.1 - 19.9	--	--	18.7	15.1 - 22.3	22.2	12.4 - 32.0

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MIHA Snapshot, Tulare County by Education, 2010-2012

Maternal and Infant Health Assessment (MIHA) Survey

	Tulare County		< High School		High School Graduate or GED		Some College		College Graduate	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Total	100		30.3	26.2 - 34.3	26.3	22.3 - 30.3	30.0	25.9 - 34.0	13.5	10.7 - 16.2
Prior Poor Birth Outcomes										
Prior low birth weight or preterm delivery	9.7	7.1 - 12.3	11.9	6.5 - 17.3	--		10.7	6.0 - 15.4	--	
Prior delivery by c-section	20.5	16.9 - 24.0	22.2	15.3 - 29.1	19.8	12.1 - 27.5	18.3	12.6 - 24.1	23.0	14.2 - 31.9
Chronic Conditions before or during Pregnancy										
Diabetes or gestational diabetes	11.8	8.9 - 14.7	14.3	8.7 - 19.8	8.1 *	2.7 - 13.5	13.7	7.8 - 19.5	9.8 *	3.7 - 15.9
Hypertension, preeclampsia or eclampsia	11.4	8.5 - 14.4	9.0	3.8 - 14.3	10.8	5.2 - 16.4	14.2	8.3 - 20.2	12.3	5.2 - 19.3
Asthma	9.5	6.7 - 12.2	8.8 *	3.5 - 14.1	5.5 *	1.8 - 9.1	11.9	6.6 - 17.3	13.5 *	5.1 - 22.0
Nutrition and Weight										
Daily folic acid use, month before pregnancy	27.1	23.1 - 31.0	25.6	17.9 - 33.4	24.0	16.4 - 31.6	22.3	15.7 - 28.9	46.4	35.5 - 57.4
Overweight before pregnancy	27.9	23.5 - 32.2	35.5	26.0 - 45.1	25.6	17.3 - 34.0	23.2	16.4 - 30.0	28.2	18.4 - 38.0
Obese before pregnancy	27.1	22.8 - 31.3	31.0	22.5 - 39.6	24.1	15.8 - 32.5	26.3	18.9 - 33.7	27.2	16.2 - 38.3
Inadequate weight gain during pregnancy	17.8	13.6 - 21.9	18.8	10.4 - 27.2	17.9	9.4 - 26.3	20.4	12.8 - 28.1	--	
Excessive weight gain during pregnancy	45.1	39.8 - 50.4	44.8	34.3 - 55.4	38.6	28.1 - 49.1	46.5	37.2 - 55.7	54.9	42.4 - 67.3
Food insecurity during pregnancy	23.7	19.8 - 27.6	35.7	27.5 - 43.8	22.3	14.7 - 29.8	22.2	15.4 - 28.9	--	
Intimate Partner Violence (IPV) and Depressive Symptoms										
Physical or psychological IPV during pregnancy	11.5	8.7 - 14.3	16.9	10.6 - 23.2	9.9	5.0 - 14.8	12.0	7.0 - 17.1	--	
Prenatal depressive symptoms	19.0	15.5 - 22.5	25.7	18.2 - 33.1	15.3	8.8 - 21.9	17.7	11.9 - 23.5	14.4	6.9 - 21.9
Postpartum depressive symptoms	14.9	11.7 - 18.1	21.5	14.6 - 28.4	10.1	5.0 - 15.2	14.4	8.6 - 20.2	10.9	4.6 - 17.2
Hardships and Support during Pregnancy										
Woman or partner lost job	15.8	12.5 - 19.1	17.0	10.5 - 23.5	15.4	8.7 - 22.2	16.1	10.3 - 21.9	13.6 *	5.6 - 21.6
Became separated or divorced	10.5	7.7 - 13.3	10.2	5.6 - 14.9	10.1	4.3 - 15.9	13.2	7.7 - 18.7	--	
Had no practical or emotional support	6.7	4.2 - 9.2	11.1	5.0 - 17.1	--		--		--	
Substance Use										
Any smoking, 3 months before pregnancy	11.4	8.7 - 14.1	10.7	6.0 - 15.5	12.9	7.0 - 18.7	14.2	8.7 - 19.6	--	
Any smoking, 3rd trimester	4.1	2.4 - 5.9	3.8 *	1.1 - 6.6	--		--		--	
Any smoking, postpartum	5.9	3.9 - 7.8	5.4 *	2.2 - 8.6	7.4 *	2.8 - 12.0	7.2	3.3 - 11.1	--	
Any binge drinking, 3 months before pregnancy	13.5	10.5 - 16.5	9.6	4.5 - 14.7	13.9	7.4 - 20.4	19.2	13.2 - 25.3	8.9 *	3.3 - 14.4
Any alcohol use, 3rd trimester	2.2	1.0 - 3.4	--		--		--		--	
Infant Sleep and Breastfeeding										
Placed infant on back to sleep	67.9	63.6 - 72.2	62.2	53.6 - 70.8	59.9	50.7 - 69.0	76.0	69.4 - 82.5	78.2	68.6 - 87.8
Intended to breastfeed, before birth	82.6	79.0 - 86.2	75.0	67.2 - 82.8	83.2	75.7 - 90.7	84.1	78.4 - 89.7	95.2 *	90.8 - 99.6
Intended to breastfeed exclusively, before birth	46.8	42.3 - 51.3	28.7	21.1 - 36.3	49.3	40.1 - 58.5	53.7	45.6 - 61.7	67.2	56.3 - 78.0
Service Utilization										
Had a usual source of pre-pregnancy care	71.9	67.9 - 76.0	75.5	68.0 - 83.1	65.7	57.1 - 74.2	67.8	60.3 - 75.3	85.6 *	77.0 - 94.1
Had a postpartum medical visit	81.3	77.7 - 84.9	74.9	67.3 - 82.5	79.1	71.7 - 86.4	82.7	76.5 - 88.8	--	
Mom or infant needed but couldn't afford care postpartum	14.5	11.1 - 18.0	17.7	10.5 - 24.9	13.7	7.6 - 19.8	18.5	11.6 - 25.4	--	
Participated in WIC during pregnancy	72.2	68.7 - 75.6	92.0	87.7 - 96.3	84.9	78.9 - 91.0	63.2	55.9 - 70.4	22.1	12.1 - 32.0
Received CalFresh (food stamps) during pregnancy	47.2	42.8 - 51.6	67.6	59.8 - 75.4	52.4	43.4 - 61.3	40.8	32.8 - 48.8	--	



MIHA Snapshot, Tulare County by Education, 2010-2012

Maternal and Infant Health Assessment (MIHA) Survey

	Tulare 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	49.8	45.4 - 54.1	68.4	60.5 - 76.3	59.9	51.1 - 68.7	40.7	32.6 - 48.7	--	
Uninsured	23.7	19.8 - 27.6	27.7	20.0 - 35.4	29.2	20.9 - 37.5	22.9	16.1 - 29.8	--	
Private	25.5	22.1 - 28.9	--		10.2	5.5 - 14.9	34.4	27.2 - 41.6	85.6	77.3 - 93.9
Prenatal insurance										
Medi-Cal	76.8	73.5 - 80.1	95.7*	92.6 - 98.9	88.0	82.4 - 93.5	72.6	66.4 - 78.8	21.9	12.0 - 31.8
Uninsured	--		--		--		--		--	
Private	20.2	17.2 - 23.2	--		7.7	3.4 - 11.9	24.4	18.5 - 30.3	75.1	65.1 - 85.2
Maternal postpartum insurance										
Medi-Cal	54.9	50.5 - 59.3	65.5	57.1 - 73.8	64.7	56.1 - 73.3	55.0	47.2 - 62.8	--	
Uninsured	21.2	17.4 - 25.0	30.8	22.7 - 39.0	24.4	16.6 - 32.2	16.0	10.1 - 22.0	--	
Private	22.3	19.0 - 25.6	--		7.9	3.5 - 12.2	27.1	20.6 - 33.6	83.5	74.9 - 92.1
Infant health insurance										
Medi-Cal	72.7	69.1 - 76.3	89.0	83.9 - 94.2	86.3	80.7 - 92.0	69.4	62.6 - 76.3	18.3	9.5 - 27.2
Healthy Families	5.4	3.5 - 7.3	7.4	3.2 - 11.5	--		--		--	
Uninsured	--		--		--		--		--	
Private	19.4	16.3 - 22.5	--		--		23.0	17.0 - 29.1	77.1	67.7 - 86.4
Maternal Demographics										
Age										
15-19	12.8	10.1 - 15.6	18.3	12.2 - 24.5	19.2	12.9 - 25.4	6.9	2.9 - 10.8	--	
20-34	75.8	72.1 - 79.5	67.5	59.8 - 75.2	68.9	60.8 - 76.9	87.1	82.2 - 92.1	83.0	75.1 - 90.8
35+	11.4	8.6 - 14.2	14.1	8.3 - 19.9	12.0	5.7 - 18.3	6.0	2.8 - 9.2	16.1	8.4 - 23.8
Unmarried	56.1	51.8 - 60.5	65.3	57.3 - 73.3	63.9	55.4 - 72.4	60.1	52.4 - 67.7	11.3*	3.5 - 19.1
Race/Ethnicity										
Hispanic	73.0	69.4 - 76.7	91.3	87.4 - 95.2	83.8	78.0 - 89.6	61.9	54.1 - 69.7	34.9	24.2 - 45.6
Black	1.3	1.0 - 1.5	1.3	0.6 - 2.1	1.3*	0.4 - 2.2	1.1	0.5 - 1.8	--	
White	21.6	18.3 - 24.9	6.0	2.5 - 9.4	12.1	6.9 - 17.4	30.0	22.9 - 37.0	57.7	46.6 - 68.9
Asian/Pacific Islander	3.2*	1.3 - 5.1	--		--		--		--	
Born outside the U.S.	36.0	31.6 - 40.3	54.8	46.4 - 63.3	47.1	38.1 - 56.1	17.1	10.4 - 23.7	14.0*	5.7 - 22.2
Speaks non-English language at home	34.5	30.2 - 38.8	53.5	45.0 - 62.0	42.6	33.5 - 51.6	15.5	9.5 - 21.4	18.3	9.0 - 27.7
Income as a percent of the Federal Poverty Guideline										
0-100%	63.2	59.0 - 67.5	85.9	79.3 - 92.4	77.4	69.5 - 85.3	54.4	46.4 - 62.4	--	
101-200%	19.7	16.0 - 23.5	13.5	7.0 - 19.9	19.5	11.8 - 27.2	25.0	18.0 - 32.0	22.1	12.4 - 31.9
>200%	17.0	14.1 - 19.9	--		--		20.6	14.6 - 26.6	68.4	57.6 - 79.1

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