



MIHA Data Snapshot, Marin County by Education, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Marin County			<High School			High School Graduate or GED			Some College			College Graduate		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
Total	100		2,300	15.0	12.1 - 18.0	300	10.8	8.0 - 13.6	200	13.1	10.2 - 15.9	300	61.1	57.0 - 65.2	1,400
Health Status before Pregnancy															
In good to excellent health	97.4	96.2 - 98.6	2,200	90.3 *	84.1 - 96.5	300	--			--			--		
Chronic conditions															
Diabetes†	2.4	1.2 - 3.6	<100	--			--			--			--		
Hypertension†	2.3 *	0.7 - 3.8	<100	--			--			--			2.7 *	0.5 - 5.0	<100
Asthma†	7.4	5.1 - 9.7	200	--			--			12.9 *	3.7 - 22.1	<100	7.9	5.2 - 10.7	100
Nutrition and Weight															
Daily folic acid use, month before pregnancy	46.0	41.8 - 50.2	1,100	27.1	18.2 - 36.0	<100	42.0	27.2 - 56.7	100	28.4	18.0 - 38.9	<100	55.2	49.8 - 60.5	800
Overweight before pregnancy	19.3	16.0 - 22.6	400	36.2	23.9 - 48.5	<100	19.8 *	8.1 - 31.6	<100	25.3	15.3 - 35.3	<100	15.0	11.3 - 18.7	200
Obese before pregnancy	9.8	7.3 - 12.4	200	18.5 *	7.3 - 29.6	<100	20.2	9.1 - 31.3	<100	14.4	6.4 - 22.5	<100	5.9	3.5 - 8.3	<100
Inadequate weight gain during pregnancy	16.4	12.9 - 19.9	300	25.7	13.7 - 37.6	<100	23.6	10.6 - 36.5	<100	16.2	6.7 - 25.7	<100	13.7	9.5 - 17.8	200
Excessive weight gain during pregnancy	35.2	30.9 - 39.5	700	26.1	14.6 - 37.6	<100	31.3	17.5 - 45.2	<100	49.5	36.6 - 62.4	100	34.7	29.4 - 39.9	400
Food insecurity during pregnancy	10.5	7.9 - 13.0	200	33.9	23.6 - 44.1	100	23.4	11.8 - 35.1	<100	14.5	6.3 - 22.8	<100	1.5 *	0.4 - 2.6	<100
Intimate Partner Violence (IPV) and Depressive Symptoms															
Physical or psychological IPV during pregnancy	4.6	3.0 - 6.3	100	7.6 *	1.9 - 13.3	<100	9.2 *	2.5 - 15.8	<100	12.8 *	4.8 - 20.8	<100	1.2 *	0.3 - 2.0	<100
Prenatal depressive symptoms	10.8	8.3 - 13.4	200	19.2	11.0 - 27.4	<100	12.5 *	2.7 - 22.3	<100	11.2 *	3.6 - 18.8	<100	8.1	5.4 - 10.8	100
Postpartum depressive symptoms	10.1	7.7 - 12.6	200	13.1	6.3 - 19.8	<100	14.9 *	4.9 - 24.9	<100	15.7	7.0 - 24.5	<100	7.0	4.4 - 9.5	<100
Hardships and Support during Pregnancy															
Experienced two or more hardships during childhood	19.7	16.5 - 23.0	400	36.7	26.2 - 47.1	100	30.4	17.9 - 42.9	<100	25.1	15.2 - 35.0	<100	12.8	9.4 - 16.2	200
Homeless or did not have a regular place to sleep	2.2 *	0.9 - 3.5	<100	--			--			--			--		
Moved due to problems paying rent or mortgage	3.8	2.2 - 5.4	<100	6.8 *	1.3 - 12.3	<100	--			8.3 *	1.8 - 14.9	<100	2.1 *	0.6 - 3.7	<100
Woman or partner lost job	10.4	7.8 - 13.0	200	23.8	14.5 - 33.1	<100	18.7 *	7.2 - 30.1	<100	14.3	6.1 - 22.4	<100	4.5	2.5 - 6.6	<100
Woman or partner had pay or hours cut back	11.4	8.7 - 14.0	300	20.2	11.4 - 29.0	<100	17.9 *	7.2 - 28.6	<100	14.4	6.8 - 22.1	<100	7.3	4.6 - 10.0	100
Became separated or divorced	3.6	1.9 - 5.2	<100	6.4 *	0.9 - 11.9	<100	11.8 *	2.7 - 21.0	<100	7.2 *	0.7 - 13.7	<100	--		
Had no practical or emotional support	4.2	2.7 - 5.8	<100	15.1	8.1 - 22.0	<100	--			8.1 *	1.6 - 14.7	<100	--		
Substance Use															
Any smoking, 3 months before pregnancy	6.4	4.2 - 8.6	100	--			--			13.9	6.8 - 20.9	<100	5.2	2.8 - 7.6	<100
Any smoking, 3rd trimester†	0.6 *	0.2 - 0.9	<100	--			--			--			--		
Any smoking, postpartum	2.2	1.0 - 3.4	<100	--			--			5.5 *	0.9 - 10.2	<100	1.4 *	0.3 - 2.4	<100
Any binge drinking, 3 months before pregnancy	16.4	13.3 - 19.6	400	--			7.6 *	1.1 - 14.1	<100	17.2	8.4 - 26.0	<100	21.1	16.6 - 25.5	300
Any alcohol use, 3rd trimester†	21.9	18.5 - 25.4	500	--			--			12.1 *	4.2 - 20.0	<100	32.5	27.4 - 37.5	400
Pregnancy Intention and Family Planning															
Mistimed or unwanted pregnancy	17.3	14.1 - 20.6	400	24.7	15.0 - 34.4	<100	22.9	11.2 - 34.6	<100	29.4	18.1 - 40.7	<100	12.0	8.6 - 15.4	200
Unsure of pregnancy intentions	10.3	7.7 - 12.8	200	15.2	7.6 - 22.7	<100	12.0 *	4.0 - 19.9	<100	8.1 *	2.2 - 14.0	<100	9.2	5.9 - 12.5	100
Postpartum birth control use†	82.3	79.0 - 85.7	1,800	90.8 *	83.3 - 98.2	300	85.2 *	74.6 - 95.7	200	80.9	70.9 - 91.0	200	80.2	75.9 - 84.5	1,100
Infant Sleep and Breastfeeding															
Placed infant on back to sleep	85.7	82.7 - 88.8	1,900	77.9	68.9 - 87.0	300	79.9 *	66.4 - 93.4	200	90.9 *	85.5 - 96.3	300	87.7	84.2 - 91.2	1,200
Infant always or often shared bed	32.2	28.1 - 36.3	700	64.2	53.7 - 74.6	200	43.5	28.3 - 58.7	100	37.3	25.8 - 48.7	100	21.5	17.0 - 26.0	300
Intended to breastfeed, before birth	97.3	95.9 - 98.7	2,200	--			--			--			97.6 *	95.9 - 99.2	1,300
Intended to breastfeed exclusively, before birth	82.3	79.0 - 85.6	1,800	70.2	60.4 - 80.1	200	77.9 *	64.4 - 91.4	200	82.4	73.2 - 91.7	200	86.0	82.3 - 89.7	1,200
Breastfeeding practices															
Any breastfeeding, 1 month after delivery	95.9	94.3 - 97.4	2,200	--			94.6 *	89.3 - 99.9	200	90.7 *	83.2 - 98.1	300	96.4	94.7 - 98.2	1,300
Exclusive breastfeeding, 1 month after delivery	64.8	60.7 - 68.8	1,400	71.4	61.6 - 81.3	200	70.4	58.5 - 82.2	200	61.9	50.6 - 73.3	200	63.0	57.8 - 68.2	900
Any breastfeeding, 3 months after delivery	92.6	90.1 - 95.0	1,600	93.5 *	88.2 - 98.8	300	83.6 *	71.9 - 95.2	200	90.2 *	82.4 - 98.0	200	94.5	92.0 - 97.0	1,000
Exclusive breastfeeding, 3 months after delivery	53.4	48.5 - 58.3	900	49.0	37.3 - 60.8	100	49.1	33.4 - 64.7	<100	54.6	41.1 - 68.1	100	55.2	48.9 - 61.4	500



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Maternal and Infant Health Assessment (MIHA) Survey

	Marin County			<High School			High School Graduate or GED			Some College			College Graduate		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
Service Utilization and Health Insurance Coverage															
Had a usual source of pre-pregnancy care	80.6	77.3 - 83.8	1,800	57.9	47.3 - 68.5	200	73.1	61.9 - 84.3	200	83.6	75.7 - 91.5	200	86.6	83.1 - 90.2	1,200
Initiated prenatal care in 1st trimester	94.5	92.6 - 96.5	2,100	77.0	67.4 - 86.6	200	93.2 *	87.7 - 98.7	200	--	--	--	98.3 *	96.9 - 99.7	1,300
Mom or infant needed but couldn't afford care postpartum	6.6	4.6 - 8.6	100	16.2	8.7 - 23.7	<100	15.6 *	4.8 - 26.4	<100	10.5	4.6 - 16.5	<100	1.9 *	0.6 - 3.2	<100
Participated in WIC during pregnancy†	29.1	25.2 - 33.1	600	92.8 *	87.1 - 98.5	300	67.0	53.1 - 80.8	200	38.5	27.2 - 49.9	100	3.5	1.6 - 5.4	<100
Received CalFresh (food stamps) during pregnancy	12.1	9.2 - 14.9	300	36.7	26.4 - 47.1	100	31.1	17.3 - 44.9	<100	15.2	7.3 - 23.0	<100	1.9 *	0.4 - 3.3	<100
Pre-pregnancy insurance															
Medi-Cal	17.8	14.5 - 21.2	400	52.2	41.6 - 62.8	200	47.1	32.6 - 61.6	100	25.0	14.7 - 35.3	<100	2.7 *	1.0 - 4.4	<100
Uninsured	13.0	10.3 - 15.6	300	36.2	26.2 - 46.2	100	19.9	10.4 - 29.4	<100	18.5	10.7 - 26.4	<100	4.6	2.2 - 7.0	<100
Private	66.6	62.6 - 70.6	1,500	7.7 *	2.4 - 13.0	<100	26.7	13.8 - 39.6	<100	54.0	42.4 - 65.6	200	91.1	88.0 - 94.2	1,300
Prenatal insurance															
Medi-Cal	31.2	27.3 - 35.1	700	91.6 *	86.4 - 96.9	300	70.3	57.3 - 83.3	200	45.4	33.8 - 57.0	100	5.9	3.4 - 8.4	<100
Uninsured	1.0 *	0.3 - 1.7	<100	--	--	--	--	--	--	--	--	--	--	--	--
Private	65.5	61.5 - 69.5	1,500	4.5 *	0.6 - 8.4	<100	24.3	11.8 - 36.8	<100	49.5	37.7 - 61.2	100	91.7	88.6 - 94.8	1,300
Maternal postpartum insurance															
Medi-Cal	23.7	20.0 - 27.4	500	68.2	58.5 - 78.0	200	68.6	56.3 - 80.9	200	34.7	23.7 - 45.8	100	2.6 *	1.0 - 4.2	<100
Uninsured	8.3	6.1 - 10.6	200	24.7	15.6 - 33.7	<100	11.5 *	4.1 - 18.8	<100	12.1	5.7 - 18.5	<100	2.6 *	0.7 - 4.5	<100
Private	67.0	63.0 - 71.0	1,500	6.1 *	1.3 - 10.9	<100	20.0	9.6 - 30.3	<100	49.7	37.9 - 61.4	100	94.3	91.8 - 96.7	1,300
Infant health insurance															
Medi-Cal	33.5	29.5 - 37.5	800	--	--	--	83.0	73.9 - 92.1	200	50.3	38.6 - 62.1	100	5.8	3.3 - 8.3	<100
Uninsured	1.1 *	0.3 - 1.9	<100	--	--	--	--	--	--	--	--	--	--	--	--
Private	64.0	60.0 - 68.0	1,400	--	--	--	14.8	6.1 - 23.5	<100	44.0	32.2 - 55.9	100	92.0	89.2 - 94.9	1,300
Maternal Demographics															
Unmarried	23.0	19.5 - 26.5	500	55.5	44.8 - 66.3	200	55.0	40.6 - 69.3	100	29.8	19.8 - 39.9	<100	7.6	4.8 - 10.4	100
Race/Ethnicity															
White	59.0	54.8 - 63.2	1,300	6.8 *	0.6 - 13.1	<100	20.6	9.3 - 31.8	<100	57.4	45.6 - 69.1	200	79.1	74.6 - 83.6	1,100
Hispanic	29.2	25.3 - 33.1	600	89.8 *	82.9 - 96.8	300	61.1	48.0 - 74.2	100	32.2	21.6 - 42.8	<100	7.9	4.8 - 11.0	100
Asian/Pacific Islander	9.7	7.0 - 12.3	200	--	--	--	7.2 *	0.9 - 13.6	<100	--	--	--	11.9	8.2 - 15.6	200
Black	1.7	1.2 - 2.3	<100	--	--	--	--	--	--	--	--	--	--	--	--
Born outside the U.S.	38.2	34.1 - 42.3	900	--	--	--	61.6	47.7 - 75.5	200	37.0	25.9 - 48.2	100	20.6	15.9 - 25.4	300
Speaks non-English language at home	29.0	25.2 - 32.8	700	87.6 *	79.5 - 95.7	300	52.9	38.4 - 67.3	100	24.8	15.1 - 34.5	<100	11.0	7.4 - 14.5	200
Lives in a high poverty neighborhood	9.6	7.0 - 12.3	200	38.1	27.9 - 48.3	100	23.6 *	9.2 - 38.0	<100	6.6 *	1.1 - 12.1	<100	--	--	--
Income as a percent of the Federal Poverty Guideline															
0-100%	22.4	18.7 - 26.1	500	77.7	67.7 - 87.7	200	58.9	43.9 - 73.9	100	27.0	16.8 - 37.2	<100	2.6 *	0.9 - 4.3	<100
101-200%	12.3	9.3 - 15.3	300	21.0	11.2 - 30.9	<100	29.6	15.7 - 43.4	<100	26.2	16.2 - 36.3	<100	4.5	2.0 - 7.1	<100
> 200%	65.3	61.1 - 69.5	1,400	--	--	--	11.5 *	3.1 - 19.9	<100	46.8	34.6 - 59.0	100	92.9	89.9 - 95.9	1,200

-- Estimate not shown because the relative standard error (RSE) is greater than 50%, fewer than 5 women reported, or the weighted population denominator for the column is less than 100 women.

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

† Measure/definition may not be comparable to previous Snapshots (see Technical Notes).

Notes: MIHA is an annual population-based survey of California resident women with a live birth. Data from MIHA 2013-2015 were combined, resulting in a statewide sample size of 20,762. The sample size of Marin County was 595. Percent (%), 95% confidence interval (95% CI) and estimated number of women in the population with the health indicator/characteristic (i.e., numerator of the percent rounded to the nearest hundred) are weighted to represent all women with a live birth who resided in California and the county in 2013-2015. Population estimate (N) is a three-year average. See the Technical Notes for information on weighting, comparability to prior years and technical definitions. Visit the MIHA website at www.cdph.ca.gov/MIHA.

Table Citation: Maternal and Infant Health Assessment (MIHA) Survey County and Regional Data Snapshots for Subgroups, 2013-2015. California Department of Public Health; 2018.



MIHA Data Snapshot, Marin County by Geographical Area, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Marin County			Urban			Rural/Frontier		
	%	95% CI	N	%	95% CI	N	%	95% CI	N
Total	100		2,300	97.6	96.4 - 98.7	2,200	2.4	1.3 - 3.6	<100
Health Status before Pregnancy									
In good to excellent health	97.4	96.2 - 98.6	2,200	97.3	96.1 - 98.6	2,100	--		
Chronic conditions									
Diabetes†	2.4	1.2 - 3.6	<100	2.3	1.0 - 3.5	<100	--		
Hypertension†	2.3 *	0.7 - 3.8	<100	2.4 *	0.8 - 4.0	<100	--		
Asthma†	7.4	5.1 - 9.7	200	7.5	5.1 - 9.9	200	--		
Nutrition and Weight									
Daily folic acid use, month before pregnancy	46.0	41.8 - 50.2	1,100	46.2	41.9 - 50.5	1,000	45.2	21.1 - 69.2	<100
Overweight before pregnancy	19.3	16.0 - 22.6	400	19.1	15.7 - 22.6	400	--		
Obese before pregnancy	9.8	7.3 - 12.4	200	10.3	7.6 - 13.0	200	--		
Inadequate weight gain during pregnancy	16.4	12.9 - 19.9	300	16.9	13.3 - 20.6	300	--		
Excessive weight gain during pregnancy	35.2	30.9 - 39.5	700	34.3	29.9 - 38.7	600	37.5 *	12.4 - 62.6	<100
Food insecurity during pregnancy	10.5	7.9 - 13.0	200	9.9	7.3 - 12.4	200	--		
Intimate Partner Violence (IPV) and Depressive Symptoms									
Physical or psychological IPV during pregnancy	4.6	3.0 - 6.3	100	4.5	2.8 - 6.2	<100	--		
Prenatal depressive symptoms	10.8	8.3 - 13.4	200	11.1	8.4 - 13.7	200	--		
Postpartum depressive symptoms	10.1	7.7 - 12.6	200	9.9	7.4 - 12.4	200	--		
Hardships and Support during Pregnancy									
Experienced two or more hardships during childhood	19.7	16.5 - 23.0	400	19.9	16.5 - 23.3	400	30.7 *	8.2 - 53.3	<100
Homeless or did not have a regular place to sleep	2.2 *	0.9 - 3.5	<100	2.2 *	0.8 - 3.5	<100	--		
Moved due to problems paying rent or mortgage	3.8	2.2 - 5.4	<100	3.7	2.1 - 5.4	<100	--		
Woman or partner lost job	10.4	7.8 - 13.0	200	10.2	7.5 - 12.8	200	--		
Woman or partner had pay or hours cut back	11.4	8.7 - 14.0	300	10.6	7.9 - 13.3	200	43.1	19.3 - 66.8	<100
Became separated or divorced	3.6	1.9 - 5.2	<100	3.7	2.0 - 5.4	<100	--		
Had no practical or emotional support	4.2	2.7 - 5.8	<100	4.4	2.8 - 6.1	<100	--		
Substance Use									
Any smoking, 3 months before pregnancy	6.4	4.2 - 8.6	100	6.3	4.0 - 8.6	100	--		
Any smoking, 3rd trimester†	0.6 *	0.2 - 0.9	<100	0.6 *	0.2 - 1.0	<100	--		
Any smoking, postpartum	2.2	1.0 - 3.4	<100	2.0	0.8 - 3.1	<100	--		
Any binge drinking, 3 months before pregnancy	16.4	13.3 - 19.6	400	17.2	13.9 - 20.5	400	--		
Any alcohol use, 3rd trimester†	21.9	18.5 - 25.4	500	22.2	18.6 - 25.8	500	--		
Pregnancy Intention and Family Planning									
Mistimed or unwanted pregnancy	17.3	14.1 - 20.6	400	17.0	13.7 - 20.3	400	29.1 *	7.2 - 50.9	<100
Unsure of pregnancy intentions	10.3	7.7 - 12.8	200	9.9	7.3 - 12.5	200	--		
Postpartum birth control use†	82.3	79.0 - 85.7	1,800	82.3	78.9 - 85.7	1,700	--		
Infant Sleep and Breastfeeding									
Placed infant on back to sleep	85.7	82.7 - 88.8	1,900	85.9	82.8 - 89.0	1,900	--		
Infant always or often shared bed	32.2	28.1 - 36.3	700	31.3	27.1 - 35.4	700	66.9 *	44.3 - 89.6	<100
Intended to breastfeed, before birth	97.3	95.9 - 98.7	2,200	97.3	95.8 - 98.7	2,100	--		
Intended to breastfeed exclusively, before birth	82.3	79.0 - 85.6	1,800	81.9	78.5 - 85.3	1,800	--		
Breastfeeding practices									
Any breastfeeding, 1 month after delivery	95.9	94.3 - 97.4	2,200	95.7	94.0 - 97.3	2,100	--		
Exclusive breastfeeding, 1 month after delivery	64.8	60.7 - 68.8	1,400	64.9	60.8 - 69.0	1,400	56.0	31.3 - 80.7	<100
Any breastfeeding, 3 months after delivery	92.6	90.1 - 95.0	1,600	92.4	89.9 - 94.9	1,500	--		
Exclusive breastfeeding, 3 months after delivery	53.4	48.5 - 58.3	900	53.1	48.1 - 58.1	900	48.5	21.7 - 75.3	<100



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	Marin County				Urban				Rural/Frontier			
	%	95% CI		N	%	95% CI		N	%	95% CI		N
Service Utilization and Health Insurance Coverage												
Had a usual source of pre-pregnancy care	80.6	77.3 - 83.8		1,800	81.2	78.0 - 84.5		1,800	80.6 *	62.5 - 98.6		<100
Initiated prenatal care in 1st trimester	94.5	92.6 - 96.5		2,100	95.1	93.3 - 96.8		2,000	--			
Mom or infant needed but couldn't afford care postpartum	6.6	4.6 - 8.6		100	6.3	4.3 - 8.2		100	--			
Participated in WIC during pregnancy†	29.1	25.2 - 33.1		600	29.1	25.1 - 33.0		600	--			
Received CalFresh (food stamps) during pregnancy	12.1	9.2 - 14.9		300	12.3	9.3 - 15.2		300	--			
Pre-pregnancy insurance												
Medi-Cal	17.8	14.5 - 21.2		400	17.7	14.3 - 21.1		400	--			
Uninsured	13.0	10.3 - 15.6		300	12.3	9.7 - 14.9		300	--			
Private	66.6	62.6 - 70.6		1,500	67.3	63.2 - 71.4		1,500	66.5 *	43.5 - 89.6		<100
Prenatal insurance												
Medi-Cal	31.2	27.3 - 35.1		700	30.0	26.1 - 34.0		700	40.3 *	16.5 - 64.2		<100
Uninsured	1.0 *	0.3 - 1.7		<100	1.0 *	0.3 - 1.8		<100	--			
Private	65.5	61.5 - 69.5		1,500	66.5	62.4 - 70.6		1,500	59.7 *	35.8 - 83.5		<100
Maternal postpartum insurance												
Medi-Cal	23.7	20.0 - 27.4		500	23.7	19.9 - 27.5		500	32.5 *	9.9 - 55.2		<100
Uninsured	8.3	6.1 - 10.6		200	7.8	5.6 - 9.9		200	--			
Private	67.0	63.0 - 71.0		1,500	67.6	63.5 - 71.6		1,500	59.7 *	35.8 - 83.5		<100
Infant health insurance												
Medi-Cal	33.5	29.5 - 37.5		800	32.6	28.6 - 36.7		700	40.3 *	16.5 - 64.2		<100
Uninsured	1.1 *	0.3 - 1.9		<100	1.0 *	0.2 - 1.7		<100	--			
Private	64.0	60.0 - 68.0		1,400	65.0	60.9 - 69.1		1,400	50.8	26.6 - 74.9		<100
Maternal Demographics												
Age												
15-19	1.6 *	0.5 - 2.7		<100	1.5 *	0.4 - 2.6		<100	--			
20-34	58.7	54.6 - 62.9		1,300	59.0	54.8 - 63.2		1,300	37.8 *	14.2 - 61.3		<100
35+	39.7	35.6 - 43.8		900	39.5	35.4 - 43.7		900	55.1	31.0 - 79.2		<100
Did not complete high school (or GED)	15.0	12.1 - 18.0		300	15.2	12.2 - 18.2		300	--			
Unmarried	23.0	19.5 - 26.5		500	22.7	19.1 - 26.3		500	38.1 *	15.1 - 61.1		<100
Race/Ethnicity												
White	59.0	54.8 - 63.2		1,300	58.2	53.9 - 62.5		1,200	--			
Hispanic	29.2	25.3 - 33.1		600	29.5	25.5 - 33.5		600	--			
Asian/Pacific Islander	9.7	7.0 - 12.3		200	10.1	7.4 - 12.9		200	--			
Black	1.7	1.2 - 2.3		<100	1.8	1.2 - 2.4		<100	--			
Born outside the U.S.	38.2	34.1 - 42.3		900	37.9	33.7 - 42.2		800	--			
Speaks non-English language at home	29.0	25.2 - 32.8		700	28.8	24.9 - 32.6		600	--			
Lives in a high poverty neighborhood	9.6	7.0 - 12.3		200	9.9	7.2 - 12.6		200	--			
Income as a percent of the Federal Poverty Guideline												
0-100%	22.4	18.7 - 26.1		500	21.7	18.0 - 25.4		400	36.4 *	13.2 - 59.5		<100
101-200%	12.3	9.3 - 15.3		300	11.6	8.6 - 14.6		200	--			
> 200%	65.3	61.1 - 69.5		1,400	66.7	62.4 - 71.0		1,300	55.5	31.4 - 79.6		<100

-- Estimate not shown because the relative standard error (RSE) is greater than 50%, fewer than 5 women reported, or the weighted population denominator for the column is less than 100 women.

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

† Measure/definition may not be comparable to previous Snapshots (see Technical Notes).

Notes: MIHA is an annual population-based survey of California resident women with a live birth. Data from MIHA 2013-2015 were combined, resulting in a statewide sample size of 20,762. The sample size of Marin County was 595. Percent (%), 95% confidence interval (95% CI) and estimated number of women in the population with the health indicator/characteristic (i.e., numerator of the percent rounded to the nearest hundred) are weighted to represent all women with a live birth who resided in California and the county in 2013-2015. Population estimate (N) is a three-year average. Urban and Rural/Frontier designations are based on the population size or densities of Medical Service Study Areas. See the Technical Notes for information on weighting, comparability to prior years and technical definitions. Visit the MIHA website at www.cdph.ca.gov/MIHA.



MIHA Data Snapshot, Marin County by Income, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Marin County			0-100% Federal Poverty Guideline			101-200% Federal Poverty Guideline			> 200% Federal Poverty Guideline		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
Total	100		2,300	22.4	18.7 - 26.1	500	12.3	9.3 - 15.3	300	65.3	61.1 - 69.5	1,400
Health Status before Pregnancy												
In good to excellent health	97.4	96.2 - 98.6	2,200	91.8	87.1 - 96.6	400	--			--		
Chronic conditions												
Diabetes†	2.4	1.2 - 3.6	<100	4.4 *	0.8 - 8.1	<100	--			--		
Hypertension†	2.3 *	0.7 - 3.8	<100	--			--			2.4 *	0.2 - 4.5	<100
Asthma†	7.4	5.1 - 9.7	200	--			--			9.0	5.9 - 12.0	100
Nutrition and Weight												
Daily folic acid use, month before pregnancy	46.0	41.8 - 50.2	1,100	29.6	20.4 - 38.8	100	31.2	19.6 - 42.8	<100	53.6	48.3 - 58.9	700
Overweight before pregnancy	19.3	16.0 - 22.6	400	29.6	20.1 - 39.2	100	23.0	12.8 - 33.2	<100	16.1	12.3 - 19.9	200
Obese before pregnancy	9.8	7.3 - 12.4	200	18.9	11.1 - 26.8	<100	17.3 *	6.6 - 28.0	<100	5.9	3.5 - 8.3	<100
Inadequate weight gain during pregnancy	16.4	12.9 - 19.9	300	20.7	11.4 - 30.1	<100	19.6	9.7 - 29.6	<100	12.9	8.8 - 17.0	200
Excessive weight gain during pregnancy	35.2	30.9 - 39.5	700	37.2	26.3 - 48.0	100	35.0	22.6 - 47.3	<100	35.9	30.6 - 41.2	500
Food insecurity during pregnancy	10.5	7.9 - 13.0	200	34.7	25.5 - 43.9	200	20.3	10.8 - 29.8	<100	--		
Intimate Partner Violence (IPV) and Depressive Symptoms												
Physical or psychological IPV during pregnancy	4.6	3.0 - 6.3	100	14.7	8.3 - 21.1	<100	--			1.7 *	0.5 - 2.9	<100
Prenatal depressive symptoms	10.8	8.3 - 13.4	200	18.4	10.9 - 25.9	<100	6.7 *	1.5 - 11.9	<100	8.5	5.7 - 11.3	100
Postpartum depressive symptoms	10.1	7.7 - 12.6	200	16.4	9.2 - 23.5	<100	10.6 *	3.9 - 17.4	<100	8.1	5.3 - 10.9	100
Hardships and Support during Pregnancy												
Experienced two or more hardships during childhood	19.7	16.5 - 23.0	400	32.3	23.7 - 40.9	200	32.7	20.3 - 45.2	<100	13.8	10.3 - 17.4	200
Homeless or did not have a regular place to sleep	2.2 *	0.9 - 3.5	<100	8.2 *	2.6 - 13.8	<100	--			--		
Moved due to problems paying rent or mortgage	3.8	2.2 - 5.4	<100	11.0	5.0 - 17.0	<100	--			1.5 *	0.3 - 2.8	<100
Woman or partner lost job	10.4	7.8 - 13.0	200	31.6	22.6 - 40.6	100	8.9 *	2.4 - 15.3	<100	3.7	1.8 - 5.6	<100
Woman or partner had pay or hours cut back	11.4	8.7 - 14.0	300	25.6	17.3 - 33.9	100	10.3 *	3.2 - 17.4	<100	6.6	4.1 - 9.2	<100
Became separated or divorced	3.6	1.9 - 5.2	<100	12.9	6.2 - 19.6	<100	--			--		
Had no practical or emotional support	4.2	2.7 - 5.8	<100	14.1	7.9 - 20.2	<100	6.4 *	1.2 - 11.5	<100	--		
Substance Use												
Any smoking, 3 months before pregnancy	6.4	4.2 - 8.6	100	5.5 *	1.1 - 9.9	<100	12.3 *	1.6 - 23.0	<100	5.8	3.3 - 8.3	<100
Any smoking, 3rd trimester†	0.6 *	0.2 - 0.9	<100	--			--			--		
Any smoking, postpartum	2.2	1.0 - 3.4	<100	4.8 *	0.6 - 9.1	<100	--			1.1 *	0.2 - 2.1	<100
Any binge drinking, 3 months before pregnancy	16.4	13.3 - 19.6	400	4.9 *	1.7 - 8.1	<100	8.0 *	1.7 - 14.4	<100	22.8	18.2 - 27.4	300
Any alcohol use, 3rd trimester†	21.9	18.5 - 25.4	500	3.9 *	0.4 - 7.3	<100	--			32.9	27.9 - 38.0	500
Pregnancy Intention and Family Planning												
Mistimed or unwanted pregnancy	17.3	14.1 - 20.6	400	32.9	23.9 - 41.9	200	23.1	11.8 - 34.5	<100	11.8	8.3 - 15.4	200
Unsure of pregnancy intentions	10.3	7.7 - 12.8	200	12.6	6.7 - 18.6	<100	12.0 *	4.3 - 19.8	<100	8.8	5.6 - 12.0	100
Postpartum birth control use†	82.3	79.0 - 85.7	1,800	84.2	76.5 - 91.9	400	94.3 *	89.4 - 99.2	200	79.5	75.0 - 83.9	1,100
Infant Sleep and Breastfeeding												
Placed infant on back to sleep	85.7	82.7 - 88.8	1,900	78.7	70.8 - 86.6	400	81.8 *	69.7 - 93.9	200	88.4	85.1 - 91.7	1,200
Infant always or often shared bed	32.2	28.1 - 36.3	700	59.5	50.2 - 68.8	300	44.7	31.5 - 57.9	100	20.6	16.1 - 25.0	300
Intended to breastfeed, before birth	97.3	95.9 - 98.7	2,200	--			--			97.2 *	95.3 - 99.0	1,300
Intended to breastfeed exclusively, before birth	82.3	79.0 - 85.6	1,800	74.8	65.7 - 84.0	300	89.1 *	82.3 - 96.0	200	84.2	80.3 - 88.1	1,200
Breastfeeding practices												
Any breastfeeding, 1 month after delivery	95.9	94.3 - 97.4	2,200	93.5 *	88.6 - 98.4	400	--			96.3	94.5 - 98.0	1,300
Exclusive breastfeeding, 1 month after delivery	64.8	60.7 - 68.8	1,400	68.5	59.7 - 77.4	300	64.5	52.5 - 76.6	200	64.2	59.0 - 69.4	900
Any breastfeeding, 3 months after delivery	92.6	90.1 - 95.0	1,600	88.7 *	81.9 - 95.5	300	--			93.9	91.2 - 96.6	1,000
Exclusive breastfeeding, 3 months after delivery	53.4	48.5 - 58.3	900	48.6	37.7 - 59.4	200	59.3	45.4 - 73.2	100	55.2	49.0 - 61.5	600



MIHA Data Snapshot, Marin County by Income, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Marin County			0-100% Federal Poverty Guideline			101-200% Federal Poverty Guideline			> 200% Federal Poverty Guideline		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
Service Utilization and Health Insurance Coverage												
Had a usual source of pre-pregnancy care	80.6	77.3 - 83.8	1,800	68.1	59.6 - 76.6	300	67.3	55.2 - 79.5	200	88.7	85.4 - 92.1	1,200
Initiated prenatal care in 1st trimester	94.5	92.6 - 96.5	2,100	85.3	78.4 - 92.1	400	88.5*	80.3 - 96.6	200	98.9*	97.9 - 99.8	1,300
Mom or infant needed but couldn't afford care postpartum	6.6	4.6 - 8.6	100	18.8	11.3 - 26.2	<100	9.2*	3.3 - 15.1	<100	1.8*	0.6 - 3.1	<100
Participated in WIC during pregnancy†	29.1	25.2 - 33.1	600	85.9	79.4 - 92.5	400	54.1	40.8 - 67.4	100	--		
Received CalFresh (food stamps) during pregnancy	12.1	9.2 - 14.9	300	38.5	29.2 - 47.8	200	22.7	11.4 - 33.9	<100	--		
Pre-pregnancy insurance												
Medi-Cal	17.8	14.5 - 21.2	400	57.3	48.2 - 66.4	300	31.9	19.5 - 44.2	<100	--		
Uninsured	13.0	10.3 - 15.6	300	33.5	25.1 - 41.9	200	26.6	15.9 - 37.4	<100	2.5*	0.7 - 4.3	<100
Private	66.6	62.6 - 70.6	1,500	4.9*	1.8 - 7.9	<100	38.7	25.5 - 51.9	100	95.6	93.4 - 97.8	1,300
Prenatal insurance												
Medi-Cal	31.2	27.3 - 35.1	700	94.1*	90.6 - 97.6	400	63.4	50.3 - 76.5	200	--		
Uninsured	1.0*	0.3 - 1.7	<100	--			--			--		
Private	65.5	61.5 - 69.5	1,500	2.8*	0.8 - 4.9	<100	24.7	12.7 - 36.8	<100	97.5*	95.7 - 99.2	1,400
Maternal postpartum insurance												
Medi-Cal	23.7	20.0 - 27.4	500	72.2	64.3 - 80.2	300	48.4	35.2 - 61.6	100	--		
Uninsured	8.3	6.1 - 10.6	200	23.6	16.0 - 31.1	100	16.1	7.7 - 24.4	<100	--		
Private	67.0	63.0 - 71.0	1,500	3.5*	0.2 - 6.7	<100	31.6	19.3 - 43.9	<100	97.7*	96.1 - 99.4	1,400
Infant health insurance												
Medi-Cal	33.5	29.5 - 37.5	800	94.8*	90.9 - 98.8	400	75.2	63.5 - 86.9	200	2.7*	0.9 - 4.5	<100
Uninsured	1.1*	0.3 - 1.9	<100	3.3*	0.4 - 6.2	<100	--			--		
Private	64.0	60.0 - 68.0	1,400	--			20.8	9.6 - 32.1	<100	95.7	93.6 - 97.9	1,300
Maternal Demographics												
Did not complete high school (or GED)	15.0	12.1 - 18.0	300	48.9	39.5 - 58.3	200	23.8	12.6 - 34.9	<100	--		
Unmarried	23.0	19.5 - 26.5	500	63.7	54.5 - 72.8	300	27.4	16.5 - 38.4	<100	7.4	4.6 - 10.2	100
Race/Ethnicity												
White	59.0	54.8 - 63.2	1,300	17.3	9.8 - 24.7	<100	38.8	25.6 - 52.0	<100	81.2	76.7 - 85.7	1,100
Hispanic	29.2	25.3 - 33.1	600	73.5	65.2 - 81.9	300	53.5	40.3 - 66.8	100	5.3	2.6 - 7.9	<100
Asian/Pacific Islander	9.7	7.0 - 12.3	200	4.5*	1.2 - 7.9	<100	7.0*	1.1 - 13.0	<100	11.9	8.1 - 15.8	200
Black	1.7	1.2 - 2.3	<100	--			--			--		
Born outside the U.S.	38.2	34.1 - 42.3	900	78.6	70.4 - 86.8	400	59.9	46.9 - 72.8	200	17.0	12.5 - 21.5	200
Speaks non-English language at home	29.0	25.2 - 32.8	700	70.6	61.8 - 79.5	300	40.5	28.0 - 52.9	100	8.4	5.1 - 11.6	100
Lives in a high poverty neighborhood	9.6	7.0 - 12.3	200	31.7	22.3 - 41.0	100	17.2	7.2 - 27.1	<100	--		

-- Estimate not shown because the relative standard error (RSE) is greater than 50%, fewer than 5 women reported, or the weighted population denominator for the column is less than 100 women.

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

† Measure/definition may not be comparable to previous Snapshots (see Technical Notes).

Notes: MIHA is an annual population-based survey of California resident women with a live birth. Data from MIHA 2013-2015 were combined, resulting in a statewide sample size of 20,762. The sample size of Marin County was 595. Percent (%), 95% confidence interval (95% CI) and estimated number of women in the population with the health indicator/characteristic (i.e., numerator of the percent rounded to the nearest hundred) are weighted to represent all women with a live birth who resided in California and the county in 2013-2015. Population estimate (N) is a three-year average. See the Technical Notes for information on weighting, comparability to prior years and technical definitions. Visit the MIHA website at www.cdph.ca.gov/MIHA.

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MIHA Data Snapshot, Marin County by Maternal Age, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Marin County			15-19 Years			20-34 Years			35 Years or Older		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
Total	100		2,300	1.6*	0.5 - 2.7	<100	58.7	54.6 - 62.9	1,300	39.7	35.6 - 43.8	900
Health Status before Pregnancy												
In good to excellent health	97.4	96.2 - 98.6	2,200	--			96.9	95.2 - 98.6	1,300	98.0*	96.3 - 99.7	900
Chronic conditions												
Diabetes†	2.4	1.2 - 3.6	<100	--			2.1*	0.6 - 3.6	<100	1.8*	0.2 - 3.5	<100
Hypertension†	2.3*	0.7 - 3.8	<100	--			--			3.5*	0.7 - 6.4	<100
Asthma†	7.4	5.1 - 9.7	200	--			7.6	4.4 - 10.8	100	7.0	3.7 - 10.4	<100
Nutrition and Weight												
Daily folic acid use, month before pregnancy	46.0	41.8 - 50.2	1,100	--			43.2	37.8 - 48.7	600	51.9	45.3 - 58.5	500
Overweight before pregnancy	19.3	16.0 - 22.6	400	--			19.7	15.2 - 24.2	200	18.6	13.6 - 23.7	200
Obese before pregnancy	9.8	7.3 - 12.4	200	--			10.5	7.1 - 13.9	100	8.4	4.7 - 12.2	<100
Inadequate weight gain during pregnancy	16.4	12.9 - 19.9	300	--			16.9	12.1 - 21.7	200	15.2	10.0 - 20.4	100
Excessive weight gain during pregnancy	35.2	30.9 - 39.5	700	--			37.1	31.3 - 42.8	400	31.9	25.5 - 38.2	300
Food insecurity during pregnancy	10.5	7.9 - 13.0	200	--			11.8	8.4 - 15.3	200	7.1	3.6 - 10.6	<100
Intimate Partner Violence (IPV) and Depressive Symptoms												
Physical or psychological IPV during pregnancy	4.6	3.0 - 6.3	100	--			5.1	2.9 - 7.2	<100	3.3*	0.8 - 5.8	<100
Prenatal depressive symptoms	10.8	8.3 - 13.4	200	--			11.1	7.7 - 14.4	100	9.1	5.4 - 12.8	<100
Postpartum depressive symptoms	10.1	7.7 - 12.6	200	--			9.4	6.3 - 12.4	100	11.3	7.2 - 15.4	100
Hardships and Support during Pregnancy												
Experienced two or more hardships during childhood	19.7	16.5 - 23.0	400	--			21.3	16.8 - 25.7	300	17.5	12.6 - 22.3	200
Homeless or did not have a regular place to sleep	2.2*	0.9 - 3.5	<100	--			1.5*	0.2 - 2.9	<100	--		
Moved due to problems paying rent or mortgage	3.8	2.2 - 5.4	<100	--			2.9	1.3 - 4.5	<100	4.8*	1.8 - 7.9	<100
Woman or partner lost job	10.4	7.8 - 13.0	200	--			10.7	7.3 - 14.1	100	9.9	5.9 - 13.9	<100
Woman or partner had pay or hours cut back	11.4	8.7 - 14.0	300	--			11.6	8.1 - 15.1	200	11.1	7.0 - 15.3	<100
Became separated or divorced	3.6	1.9 - 5.2	<100	--			3.5	1.5 - 5.6	<100	3.4*	0.8 - 6.1	<100
Had no practical or emotional support	4.2	2.7 - 5.8	<100	--			4.4	2.5 - 6.4	<100	4.1*	1.5 - 6.7	<100
Substance Use												
Any smoking, 3 months before pregnancy	6.4	4.2 - 8.6	100	--			7.6	4.6 - 10.5	100	4.9*	1.5 - 8.3	<100
Any smoking, 3rd trimester†	0.6*	0.2 - 0.9	<100	--			1.0*	0.4 - 1.6	<100	--		
Any smoking, postpartum	2.2	1.0 - 3.4	<100	--			2.7*	1.0 - 4.4	<100	--		
Any binge drinking, 3 months before pregnancy	16.4	13.3 - 19.6	400	--			16.9	12.6 - 21.2	200	16.4	11.6 - 21.2	100
Any alcohol use, 3rd trimester†	21.9	18.5 - 25.4	500	--			15.5	11.5 - 19.5	200	32.3	26.1 - 38.5	300
Pregnancy Intention and Family Planning												
Mistimed or unwanted pregnancy	17.3	14.1 - 20.6	400	--			18.5	14.1 - 22.9	200	14.1	9.6 - 18.7	100
Unsure of pregnancy intentions	10.3	7.7 - 12.8	200	--			9.3	6.0 - 12.6	100	11.3	7.1 - 15.4	100
Postpartum birth control use†	82.3	79.0 - 85.7	1,800	--			86.8	82.8 - 90.8	1,100	75.3	69.4 - 81.1	700
Infant Sleep and Breastfeeding												
Placed infant on back to sleep	85.7	82.7 - 88.8	1,900	--			85.5	81.6 - 89.5	1,100	85.9	81.1 - 90.8	800
Infant always or often shared bed	32.2	28.1 - 36.3	700	--			34.3	28.8 - 39.7	500	28.4	22.3 - 34.5	300
Intended to breastfeed, before birth	97.3	95.9 - 98.7	2,200	--			97.7*	96.2 - 99.1	1,300	96.7*	93.9 - 99.5	900
Intended to breastfeed exclusively, before birth	82.3	79.0 - 85.6	1,800	--			84.4	80.1 - 88.7	1,100	79.5	74.2 - 84.9	700
Breastfeeding practices												
Any breastfeeding, 1 month after delivery	95.9	94.3 - 97.4	2,200	--			95.7	93.6 - 97.8	1,300	95.9*	93.3 - 98.4	900
Exclusive breastfeeding, 1 month after delivery	64.8	60.7 - 68.8	1,400	--			67.6	62.3 - 72.8	900	59.8	53.2 - 66.4	500
Any breastfeeding, 3 months after delivery	92.6	90.1 - 95.0	1,600	--			93.6	90.5 - 96.7	900	92.1	88.6 - 95.7	700
Exclusive breastfeeding, 3 months after delivery	53.4	48.5 - 58.3	900	--			57.1	50.7 - 63.5	500	48.9	41.3 - 56.5	300



MIHA Data Snapshot, Marin County by Maternal Age, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Marin County			15-19 Years			20-34 Years			35 Years or Older		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
Service Utilization and Health Insurance Coverage												
Had a usual source of pre-pregnancy care	80.6	77.3 - 83.8	1,800	59.8*	25.3 - 94.2	<100	75.4	70.8 - 80.0	1,000	89.0	85.0 - 93.0	800
Initiated prenatal care in 1st trimester	94.5	92.6 - 96.5	2,100	--			93.3	90.4 - 96.1	1,200	96.8*	94.7 - 98.9	800
Mom or infant needed but couldn't afford care postpartum	6.6	4.6 - 8.6	100	--			6.9	4.3 - 9.6	<100	4.7	2.2 - 7.3	<100
Participated in WIC during pregnancy†	29.1	25.2 - 33.1	600	--			37.5	32.1 - 42.9	500	14.0	9.4 - 18.6	100
Received CalFresh (food stamps) during pregnancy	12.1	9.2 - 14.9	300	--			16.6	12.2 - 20.9	200	5.0	2.3 - 7.7	<100
Pre-pregnancy insurance												
Medi-Cal	17.8	14.5 - 21.2	400	--			22.7	17.8 - 27.6	300	8.9	5.1 - 12.6	<100
Uninsured	13.0	10.3 - 15.6	300	--			15.7	12.0 - 19.5	200	9.4	5.7 - 13.1	<100
Private	66.6	62.6 - 70.6	1,500	--			58.1	52.6 - 63.6	800	80.7	75.6 - 85.8	700
Prenatal insurance												
Medi-Cal	31.2	27.3 - 35.1	700	--			39.7	34.3 - 45.2	500	16.9	12.0 - 21.7	200
Uninsured	1.0*	0.3 - 1.7	<100	--			--			--		
Private	65.5	61.5 - 69.5	1,500	--			55.6	50.1 - 61.1	700	81.7	76.7 - 86.7	700
Maternal postpartum insurance												
Medi-Cal	23.7	20.0 - 27.4	500	--			30.2	25.1 - 35.4	400	12.5	7.7 - 17.2	100
Uninsured	8.3	6.1 - 10.6	200	--			10.2	7.0 - 13.5	100	5.4	2.8 - 8.1	<100
Private	67.0	63.0 - 71.0	1,500	--			58.4	53.0 - 63.9	800	81.4	76.1 - 86.7	700
Infant health insurance												
Medi-Cal	33.5	29.5 - 37.5	800	--			42.4	37.0 - 47.9	600	19.2	13.8 - 24.6	200
Uninsured	1.1*	0.3 - 1.9	<100	--			--			--		
Private	64.0	60.0 - 68.0	1,400	--			54.9	49.4 - 60.4	700	79.3	73.8 - 84.8	700
Maternal Demographics												
Did not complete high school (or GED)	15.0	12.1 - 18.0	300	--			19.2	14.9 - 23.5	300	7.7	4.3 - 11.2	<100
Unmarried	23.0	19.5 - 26.5	500	--			26.3	21.4 - 31.2	400	16.2	11.6 - 20.8	100
Race/Ethnicity												
White	59.0	54.8 - 63.2	1,300	--			51.6	46.0 - 57.3	700	71.0	65.0 - 77.0	600
Hispanic	29.2	25.3 - 33.1	600	--			37.4	31.9 - 42.8	500	16.6	11.6 - 21.5	100
Asian/Pacific Islander	9.7	7.0 - 12.3	200	--			8.2	4.7 - 11.7	100	12.2	7.9 - 16.6	100
Black	1.7	1.2 - 2.3	<100	--			2.4	1.2 - 3.5	<100	--		
Born outside the U.S.	38.2	34.1 - 42.3	900	--			42.7	37.2 - 48.1	600	31.3	24.8 - 37.7	300
Speaks non-English language at home	29.0	25.2 - 32.8	700	--			35.5	30.2 - 40.7	500	19.1	13.9 - 24.3	200
Lives in a high poverty neighborhood	9.6	7.0 - 12.3	200	--			13.4	9.3 - 17.4	200	3.7*	1.5 - 5.9	<100

-- Estimate not shown because the relative standard error (RSE) is greater than 50%, fewer than 5 women reported, or the weighted population denominator for the column is less than 100 women.

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

† Measure/definition may not be comparable to previous Snapshots (see Technical Notes).

Notes: MIHA is an annual population-based survey of California resident women with a live birth. Data from MIHA 2013-2015 were combined, resulting in a statewide sample size of 20,762. The sample size of Marin County was 595. Percent (%), 95% confidence interval (95% CI) and estimated number of women in the population with the health indicator/characteristic (i.e., numerator of the percent rounded to the nearest hundred) are weighted to represent all women with a live birth who resided in California and the county in 2013-2015. Population estimate (N) is a three-year average. See the Technical Notes for information on weighting, comparability to prior years and technical definitions. Visit the MIHA website at www.cdph.ca.gov/MIHA.

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MIHA Data Snapshot, Marin County by Neighborhood Poverty, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Marin County			0-4.9% of Residents below Poverty			5-9.9% of Residents below Poverty			10-19.9% of Residents below Poverty			≥ 20% of Residents below Poverty		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
Total	100		2,300	28.9	25.0 - 32.8	600	38.6	34.5 - 42.6	900	22.9	19.4 - 26.4	500	9.6	7.0 - 12.3	200
Health Status before Pregnancy															
In good to excellent health	97.4	96.2 - 98.6	2,200	--			--			97.5 *	95.2 - 99.9	500	85.1 *	75.5 - 94.7	200
Chronic conditions															
Diabetes†	2.4	1.2 - 3.6	<100	--			--			--			8.6 *	1.7 - 15.6	<100
Hypertension†	2.3 *	0.7 - 3.8	<100	--			--			--			--		
Asthma†	7.4	5.1 - 9.7	200	7.0	3.2 - 10.8	<100	7.7	4.0 - 11.4	<100	8.1 *	3.2 - 13.0	<100	--		
Nutrition and Weight															
Daily folic acid use, month before pregnancy	46.0	41.8 - 50.2	1,100	51.6	43.5 - 59.7	300	48.5	41.9 - 55.1	400	38.0	29.5 - 46.5	200	39.7	25.0 - 54.5	<100
Overweight before pregnancy	19.3	16.0 - 22.6	400	11.4	6.7 - 16.1	<100	20.8	15.2 - 26.5	200	21.8	14.6 - 29.0	100	36.3	20.6 - 52.0	<100
Obese before pregnancy	9.8	7.3 - 12.4	200	3.9 *	0.8 - 6.9	<100	8.2	5.0 - 11.3	<100	17.9	10.3 - 25.5	<100	22.6 *	8.6 - 36.5	<100
Inadequate weight gain during pregnancy	16.4	12.9 - 19.9	300	14.7	8.0 - 21.3	<100	15.6	10.4 - 20.9	100	18.9	11.0 - 26.8	<100	25.2 *	10.2 - 40.2	<100
Excessive weight gain during pregnancy	35.2	30.9 - 39.5	700	30.4	23.0 - 37.8	200	37.1	30.2 - 44.0	300	33.4	24.5 - 42.3	100	41.2	23.1 - 59.3	<100
Food insecurity during pregnancy	10.5	7.9 - 13.0	200	3.4 *	0.2 - 6.7	<100	6.7	3.6 - 9.8	<100	14.6	8.4 - 20.9	<100	34.5	21.0 - 48.0	<100
Intimate Partner Violence (IPV) and Depressive Symptoms															
Physical or psychological IPV during pregnancy	4.6	3.0 - 6.3	100	2.8 *	0.6 - 5.0	<100	4.5	2.0 - 7.0	<100	5.4 *	1.0 - 9.7	<100	9.9 *	2.4 - 17.4	<100
Prenatal depressive symptoms	10.8	8.3 - 13.4	200	11.2	6.6 - 15.9	<100	6.9	3.5 - 10.2	<100	15.0	8.5 - 21.4	<100	18.4	8.3 - 28.5	<100
Postpartum depressive symptoms	10.1	7.7 - 12.6	200	10.2	5.8 - 14.5	<100	10.1	6.0 - 14.2	<100	9.2	4.0 - 14.4	<100	11.6 *	3.3 - 19.9	<100
Hardships and Support during Pregnancy															
Experienced two or more hardships during childhood	19.7	16.5 - 23.0	400	16.9	11.0 - 22.8	100	18.0	12.9 - 23.1	200	22.7	15.4 - 30.0	100	32.9	19.9 - 45.9	<100
Homeless or did not have a regular place to sleep	2.2 *	0.9 - 3.5	<100	--			2.6 *	0.3 - 4.8	<100	--			--		
Moved due to problems paying rent or mortgage	3.8	2.2 - 5.4	<100	--			4.5 *	1.7 - 7.3	<100	5.7 *	1.2 - 10.3	<100	--		
Woman or partner lost job	10.4	7.8 - 13.0	200	5.8 *	2.0 - 9.6	<100	9.2	5.3 - 13.0	<100	12.0	5.8 - 18.2	<100	25.4	13.6 - 37.3	<100
Woman or partner had pay or hours cut back	11.4	8.7 - 14.0	300	5.2 *	1.8 - 8.6	<100	12.0	7.6 - 16.4	100	14.6	8.2 - 21.0	<100	19.8	9.1 - 30.5	<100
Became separated or divorced	3.6	1.9 - 5.2	<100	--			3.8 *	1.0 - 6.6	<100	--			10.3 *	2.4 - 18.3	<100
Had no practical or emotional support	4.2	2.7 - 5.8	<100	--			4.0 *	1.6 - 6.4	<100	8.0 *	3.3 - 12.8	<100	6.2 *	0.8 - 11.7	<100
Substance Use															
Any smoking, 3 months before pregnancy	6.4	4.2 - 8.6	100	7.1 *	2.1 - 12.1	<100	9.9	5.8 - 13.9	<100	--			--		
Any smoking, 3rd trimester†	0.6 *	0.2 - 0.9	<100	--			--			--			--		
Any smoking, postpartum	2.2	1.0 - 3.4	<100	--			3.7 *	1.1 - 6.3	<100	--			--		
Any binge drinking, 3 months before pregnancy	16.4	13.3 - 19.6	400	21.0	14.4 - 27.6	100	15.2	10.1 - 20.2	100	20.2	13.2 - 27.3	100	--		
Any alcohol use, 3rd trimester†	21.9	18.5 - 25.4	500	29.6	21.9 - 37.2	200	27.5	21.6 - 33.4	200	13.1	7.9 - 18.4	<100	--		
Pregnancy Intention and Family Planning															
Mistimed or unwanted pregnancy	17.3	14.1 - 20.6	400	14.5	9.0 - 20.1	<100	16.6	11.4 - 21.7	100	18.3	11.0 - 25.6	<100	26.2	14.0 - 38.4	<100
Unsure of pregnancy intentions	10.3	7.7 - 12.8	200	9.9	5.2 - 14.5	<100	10.6	6.2 - 15.0	<100	9.7	4.6 - 14.7	<100	10.6 *	2.8 - 18.3	<100
Postpartum birth control use†	82.3	79.0 - 85.7	1,800	78.2	71.5 - 85.0	500	80.5	74.8 - 86.3	700	87.2	81.7 - 92.8	400	92.5 *	85.2 - 99.7	200
Infant Sleep and Breastfeeding															
Placed infant on back to sleep	85.7	82.7 - 88.8	1,900	85.5	79.3 - 91.7	500	88.4	84.1 - 92.7	800	83.0	76.4 - 89.5	400	85.7 *	76.7 - 94.8	200
Infant always or often shared bed	32.2	28.1 - 36.3	700	24.5	17.2 - 31.8	200	26.1	20.1 - 32.1	200	37.8	29.1 - 46.4	200	65.4	52.2 - 78.5	100
Intended to breastfeed, before birth	97.3	95.9 - 98.7	2,200	--			97.1 *	94.8 - 99.5	800	--			--		
Intended to breastfeed exclusively, before birth	82.3	79.0 - 85.6	1,800	85.4	79.9 - 90.8	500	85.0	80.4 - 89.6	700	79.7	72.3 - 87.2	400	68.6	53.9 - 83.3	100
Breastfeeding practices															
Any breastfeeding, 1 month after delivery	95.9	94.3 - 97.4	2,200	94.9 *	91.7 - 98.1	600	96.8 *	94.7 - 99.0	800	94.6 *	90.5 - 98.8	500	--		
Exclusive breastfeeding, 1 month after delivery	64.8	60.7 - 68.8	1,400	64.8	56.9 - 72.6	400	62.1	55.6 - 68.7	500	66.7	58.3 - 75.1	300	70.2	57.2 - 83.2	100
Any breastfeeding, 3 months after delivery	92.6	90.1 - 95.0	1,600	88.9	83.4 - 94.4	400	94.2 *	90.7 - 97.8	600	92.7 *	87.7 - 97.7	400	--		
Exclusive breastfeeding, 3 months after delivery	53.4	48.5 - 58.3	900	53.0	43.5 - 62.5	200	54.9	47.2 - 62.5	400	50.8	40.6 - 61.0	200	50.3	34.2 - 66.3	<100



MIHA Data Snapshot, Marin County by Neighborhood Poverty, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Marin County			0-4.9% of Residents below Poverty			5-9.9% of Residents below Poverty			10-19.9% of Residents below Poverty			≥ 20% of Residents below Poverty		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
Service Utilization and Health Insurance Coverage															
Had a usual source of pre-pregnancy care	80.6	77.3 - 83.8	1,800	92.1	88.0 - 96.1	600	83.0	78.4 - 87.6	700	67.6	59.2 - 76.0	300	74.0	62.3 - 85.7	200
Initiated prenatal care in 1st trimester	94.5	92.6 - 96.5	2,100	--			97.0*	94.9 - 99.0	800	95.9*	92.4 - 99.5	500	73.4	61.2 - 85.6	100
Mom or infant needed but couldn't afford care postpartum	6.6	4.6 - 8.6	100	2.3*	0.3 - 4.3	<100	6.9	3.6 - 10.1	<100	6.8*	2.7 - 10.9	<100	17.0*	7.0 - 27.1	<100
Participated in WIC during pregnancy†	29.1	25.2 - 33.1	600	9.2	4.6 - 13.9	<100	20.5	15.3 - 25.7	200	39.1	30.3 - 47.8	200	92.5*	85.6 - 99.5	200
Received CalFresh (food stamps) during pregnancy	12.1	9.2 - 14.9	300	4.8*	1.1 - 8.4	<100	8.4	4.5 - 12.3	<100	15.3	8.6 - 22.0	<100	43.0	28.6 - 57.5	<100
Pre-pregnancy insurance															
Medi-Cal	17.8	14.5 - 21.2	400	4.3*	1.2 - 7.5	<100	12.7	8.1 - 17.4	100	24.1	16.3 - 31.9	100	61.4	47.9 - 75.0	100
Uninsured	13.0	10.3 - 15.6	300	4.9*	1.8 - 7.9	<100	13.5	9.2 - 17.8	100	13.1	7.6 - 18.6	<100	28.4	16.2 - 40.6	<100
Private	66.6	62.6 - 70.6	1,500	87.5	82.3 - 92.7	600	72.2	66.3 - 78.2	600	59.7	51.1 - 68.4	300	--		
Prenatal insurance															
Medi-Cal	31.2	27.3 - 35.1	700	11.5	6.4 - 16.5	<100	23.9	18.3 - 29.5	200	38.9	30.3 - 47.5	200	91.8*	85.5 - 98.2	200
Uninsured	1.0*	0.3 - 1.7	<100	--			--			--			--		
Private	65.5	61.5 - 69.5	1,500	86.7	81.4 - 92.0	600	73.0	67.1 - 78.8	600	55.9	47.1 - 64.7	300	--		
Maternal postpartum insurance															
Medi-Cal	23.7	20.0 - 27.4	500	10.5	4.8 - 16.2	<100	14.9	10.1 - 19.7	100	31.6	23.3 - 39.9	200	81.7	71.9 - 91.5	200
Uninsured	8.3	6.1 - 10.6	200	3.3*	0.8 - 5.9	<100	9.9	6.0 - 13.8	<100	7.8	3.6 - 12.0	<100	12.3*	4.2 - 20.4	<100
Private	67.0	63.0 - 71.0	1,500	85.5	79.4 - 91.6	600	74.5	68.7 - 80.3	600	58.6	49.9 - 67.3	300	--		
Infant health insurance															
Medi-Cal	33.5	29.5 - 37.5	800	13.9	8.0 - 19.8	<100	26.1	20.3 - 31.8	200	40.2	31.6 - 48.9	200	--		
Uninsured	1.1*	0.3 - 1.9	<100	--			2.1*	0.3 - 3.9	<100	--			--		
Private	64.0	60.0 - 68.0	1,400	84.1	78.0 - 90.2	500	70.5	64.5 - 76.4	600	57.0	48.2 - 65.8	300	--		
Maternal Demographics															
Age															
15-19	1.6*	0.5 - 2.7	<100	--			--			4.0*	0.6 - 7.4	<100	--		
20-34	58.7	54.6 - 62.9	1,300	50.9	42.9 - 59.0	300	57.0	50.5 - 63.4	500	61.1	52.6 - 69.6	300	81.1	70.5 - 91.7	200
35+	39.7	35.6 - 43.8	900	48.6	40.6 - 56.7	300	42.5	36.0 - 49.0	400	34.9	26.7 - 43.2	200	15.3	6.3 - 24.2	<100
Did not complete high school (or GED)	15.0	12.1 - 18.0	300	--			9.0	5.3 - 12.8	<100	21.8	14.4 - 29.2	100	58.5	43.6 - 73.3	100
Unmarried	23.0	19.5 - 26.5	500	10.3	5.4 - 15.1	<100	23.7	17.9 - 29.4	200	23.5	16.4 - 30.7	100	58.4	44.0 - 72.9	100
Race/Ethnicity															
White	59.0	54.8 - 63.2	1,300	81.1	74.4 - 87.8	500	62.0	55.5 - 68.5	500	49.7	40.6 - 58.7	200	--		
Hispanic	29.2	25.3 - 33.1	600	6.8*	2.8 - 10.8	<100	24.0	18.3 - 29.8	200	40.6	31.7 - 49.5	200	85.4*	75.3 - 95.5	200
Asian/Pacific Islander	9.7	7.0 - 12.3	200	11.5	5.6 - 17.3	<100	9.9	5.6 - 14.1	<100	9.8	4.4 - 15.1	<100	--		
Black	1.7	1.2 - 2.3	<100	--			3.6	1.9 - 5.4	<100	--			--		
Born outside the U.S.	38.2	34.1 - 42.3	900	23.1	15.3 - 30.9	100	29.2	23.1 - 35.2	300	47.2	38.4 - 56.0	200	--		
Speaks non-English language at home	29.0	25.2 - 32.8	700	9.9	4.9 - 14.8	<100	23.4	17.8 - 28.9	200	35.2	26.8 - 43.6	200	85.0*	72.3 - 97.7	200
Income as a percent of the Federal Poverty Guideline															
0-100%	22.4	18.7 - 26.1	500	8.1	3.6 - 12.7	<100	17.3	12.1 - 22.5	100	26.5	18.6 - 34.5	100	75.8	63.2 - 88.3	100
101-200%	12.3	9.3 - 15.3	300	7.8*	2.7 - 12.8	<100	9.2	5.1 - 13.4	<100	16.2	9.1 - 23.4	<100	21.5	9.3 - 33.7	<100
> 200%	65.3	61.1 - 69.5	1,400	84.1	77.7 - 90.6	500	73.5	67.3 - 79.6	600	57.2	48.1 - 66.4	300	--		

-- Estimate not shown because the relative standard error (RSE) is greater than 50%, fewer than 5 women reported, or the weighted population denominator for the column is less than 100 women.

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

† Measure/definition may not be comparable to previous Snapshots (see Technical Notes).

Notes: MIHA is an annual population-based survey of California resident women with a live birth. Data from MIHA 2013-2015 were combined, resulting in a statewide sample size of 20,762. The sample size of Marin County was 595. Percent (%), 95% confidence interval (95% CI) and estimated number of women in the population with the health indicator/characteristic (i.e., numerator of the percent rounded to the nearest hundred) are weighted to represent all women with a live birth who resided in California and the county in 2013-2015. Population estimate (N) is a three-year average. Neighborhood poverty is the percentage of residents with incomes below poverty in a woman's census tract. See the Technical Notes for information on weighting, comparability to prior years and technical definitions. Visit the MIHA website at www.cdph.ca.gov/MIHA.



MIHA Data Snapshot, Marin County by Prenatal Health Insurance, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Marin County			Medi-Cal			Private		
	%	95% CI	N	%	95% CI	N	%	95% CI	N
Total	100		2,300	31.2	27.3 - 35.1	700	65.5	61.5 - 69.5	1,500
Health Status before Pregnancy									
In good to excellent health	97.4	96.2 - 98.6	2,200	94.1	90.9 - 97.4	700	--		
Chronic conditions									
Diabetes†	2.4	1.2 - 3.6	<100	6.0 *	2.4 - 9.6	<100	--		
Hypertension†	2.3 *	0.7 - 3.8	<100	--			2.8 *	0.7 - 4.8	<100
Asthma†	7.4	5.1 - 9.7	200	--			8.9	6.0 - 11.9	100
Nutrition and Weight									
Daily folic acid use, month before pregnancy	46.0	41.8 - 50.2	1,100	32.0	24.6 - 39.4	200	53.5	48.3 - 58.6	800
Overweight before pregnancy	19.3	16.0 - 22.6	400	27.9	20.4 - 35.3	200	15.7	12.0 - 19.3	200
Obese before pregnancy	9.8	7.3 - 12.4	200	18.6	11.8 - 25.5	100	5.9	3.6 - 8.1	<100
Inadequate weight gain during pregnancy	16.4	12.9 - 19.9	300	24.4	16.7 - 32.1	100	13.8	9.8 - 17.7	200
Excessive weight gain during pregnancy	35.2	30.9 - 39.5	700	36.8	28.3 - 45.3	200	33.9	28.9 - 38.9	500
Food insecurity during pregnancy	10.5	7.9 - 13.0	200	26.7	19.8 - 33.6	200	1.9	0.8 - 3.0	<100
Intimate Partner Violence (IPV) and Depressive Symptoms									
Physical or psychological IPV during pregnancy	4.6	3.0 - 6.3	100	10.6	6.1 - 15.0	<100	1.5 *	0.4 - 2.7	<100
Prenatal depressive symptoms	10.8	8.3 - 13.4	200	16.4	10.7 - 22.1	100	8.2	5.5 - 10.8	100
Postpartum depressive symptoms	10.1	7.7 - 12.6	200	12.6	7.5 - 17.7	<100	9.0	6.2 - 11.8	100
Hardships and Support during Pregnancy									
Experienced two or more hardships during childhood	19.7	16.5 - 23.0	400	31.0	23.9 - 38.0	200	13.7	10.3 - 17.1	200
Homeless or did not have a regular place to sleep	2.2 *	0.9 - 3.5	<100	5.5 *	1.7 - 9.3	<100	--		
Moved due to problems paying rent or mortgage	3.8	2.2 - 5.4	<100	9.4	5.0 - 13.8	<100	1.3 *	0.2 - 2.5	<100
Woman or partner lost job	10.4	7.8 - 13.0	200	24.8	18.1 - 31.5	200	3.7	1.8 - 5.5	<100
Woman or partner had pay or hours cut back	11.4	8.7 - 14.0	300	21.1	14.8 - 27.4	100	6.6	4.2 - 9.0	<100
Became separated or divorced	3.6	1.9 - 5.2	<100	9.6	4.8 - 14.3	<100	--		
Had no practical or emotional support	4.2	2.7 - 5.8	<100	11.6	7.1 - 16.1	<100	--		
Substance Use									
Any smoking, 3 months before pregnancy	6.4	4.2 - 8.6	100	5.1 *	1.7 - 8.5	<100	6.9	4.0 - 9.8	100
Any smoking, 3rd trimester†	0.6 *	0.2 - 0.9	<100	--			--		
Any smoking, postpartum	2.2	1.0 - 3.4	<100	3.1 *	0.2 - 5.9	<100	1.5 *	0.5 - 2.4	<100
Any binge drinking, 3 months before pregnancy	16.4	13.3 - 19.6	400	6.6	3.3 - 9.9	<100	20.9	16.6 - 25.2	300
Any alcohol use, 3rd trimester†	21.9	18.5 - 25.4	500	3.8 *	0.9 - 6.8	<100	31.2	26.4 - 36.0	500
Pregnancy Intention and Family Planning									
Mistimed or unwanted pregnancy	17.3	14.1 - 20.6	400	29.6	22.3 - 36.9	200	12.1	8.8 - 15.5	200
Unsure of pregnancy intentions	10.3	7.7 - 12.8	200	12.4	7.6 - 17.3	<100	8.7	5.7 - 11.6	100
Postpartum birth control use†	82.3	79.0 - 85.7	1,800	87.9	82.5 - 93.3	600	79.5	75.1 - 83.8	1,200
Infant Sleep and Breastfeeding									
Placed infant on back to sleep	85.7	82.7 - 88.8	1,900	81.7	75.8 - 87.6	600	88.3	84.9 - 91.8	1,300
Infant always or often shared bed	32.2	28.1 - 36.3	700	50.6	42.8 - 58.4	300	23.1	18.5 - 27.7	300
Intended to breastfeed, before birth	97.3	95.9 - 98.7	2,200	97.2 *	94.4 - 99.9	700	97.3 *	95.6 - 99.0	1,400
Intended to breastfeed exclusively, before birth	82.3	79.0 - 85.6	1,800	76.8	69.8 - 83.8	500	84.2	80.5 - 88.0	1,200
Breastfeeding practices									
Any breastfeeding, 1 month after delivery	95.9	94.3 - 97.4	2,200	94.5 *	90.8 - 98.1	700	96.6	95.0 - 98.2	1,400
Exclusive breastfeeding, 1 month after delivery	64.8	60.7 - 68.8	1,400	65.7	58.3 - 73.0	400	64.4	59.4 - 69.4	900
Any breastfeeding, 3 months after delivery	92.6	90.1 - 95.0	1,600	90.0	84.7 - 95.2	500	94.2	91.7 - 96.7	1,000
Exclusive breastfeeding, 3 months after delivery	53.4	48.5 - 58.3	900	49.6	40.9 - 58.2	300	55.4	49.5 - 61.4	600



MIHA Data Snapshot, Marin County by Prenatal Health Insurance, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Marin County				Medi-Cal				Private			
	%	95% CI		N	%	95% CI		N	%	95% CI		N
Service Utilization and Health Insurance Coverage												
Had a usual source of pre-pregnancy care	80.6	77.3 - 83.8		1,800	64.3	57.1 - 71.5		500	88.7	85.5 - 91.8		1,300
Initiated prenatal care in 1st trimester	94.5	92.6 - 96.5		2,100	85.9	80.4 - 91.4		600	98.9 *	98.0 - 99.8		1,500
Mom or infant needed but couldn't afford care postpartum	6.6	4.6 - 8.6		100	15.3	9.9 - 20.7		100	2.2	1.0 - 3.5		<100
Participated in WIC during pregnancy†	29.1	25.2 - 33.1		600	84.6	79.0 - 90.3		600	1.7 *	0.7 - 2.7		<100
Received CalFresh (food stamps) during pregnancy	12.1	9.2 - 14.9		300	38.4	30.9 - 45.9		300	--			
Pre-pregnancy insurance												
Medi-Cal	17.8	14.5 - 21.2		400	56.6	49.1 - 64.0		400	--			
Uninsured	13.0	10.3 - 15.6		300	33.2	26.4 - 40.1		200	1.5 *	0.3 - 2.7		<100
Private	66.6	62.6 - 70.6		1,500	5.1 *	2.0 - 8.2		<100	98.0 *	96.6 - 99.4		1,500
Maternal postpartum insurance												
Medi-Cal	23.7	20.0 - 27.4		500	71.9	65.3 - 78.5		500	--			
Uninsured	8.3	6.1 - 10.6		200	21.6	15.8 - 27.5		200	--			
Private	67.0	63.0 - 71.0		1,500	5.9 *	2.1 - 9.8		<100	--			
Infant health insurance												
Medi-Cal	33.5	29.5 - 37.5		800	95.3 *	91.9 - 98.7		700	4.3	2.0 - 6.5		<100
Uninsured	1.1 *	0.3 - 1.9		<100	--				1.0 *	0.1 - 2.0		<100
Private	64.0	60.0 - 68.0		1,400	--				94.4	92.0 - 96.9		1,400
Maternal Demographics												
Age												
15-19	1.6 *	0.5 - 2.7		<100	3.7 *	0.5 - 6.8		<100	--			
20-34	58.7	54.6 - 62.9		1,300	74.8	68.3 - 81.4		500	49.9	44.7 - 55.0		700
35+	39.7	35.6 - 43.8		900	21.5	15.5 - 27.5		200	49.5	44.4 - 54.7		700
Did not complete high school (or GED)	15.0	12.1 - 18.0		300	44.6	37.0 - 52.2		300	1.0 *	0.1 - 1.9		<100
Unmarried	23.0	19.5 - 26.5		500	55.7	48.0 - 63.3		400	6.8	4.5 - 9.2		100
Race/Ethnicity												
White	59.0	54.8 - 63.2		1,300	19.6	13.3 - 25.8		100	79.0	74.6 - 83.4		1,100
Hispanic	29.2	25.3 - 33.1		600	73.3	66.5 - 80.1		500	6.6	3.9 - 9.2		<100
Asian/Pacific Islander	9.7	7.0 - 12.3		200	4.3 *	1.5 - 7.1		<100	12.6	8.8 - 16.4		200
Black	1.7	1.2 - 2.3		<100	--				--			
Born outside the U.S.	38.2	34.1 - 42.3		900	76.1	69.2 - 83.0		500	19.8	15.2 - 24.3		300
Speaks non-English language at home	29.0	25.2 - 32.8		700	68.0	60.6 - 75.4		500	9.6	6.5 - 12.7		100
Lives in a high poverty neighborhood	9.6	7.0 - 12.3		200	29.2	21.8 - 36.6		200	--			
Income as a percent of the Federal Poverty Guideline												
0-100%	22.4	18.7 - 26.1		500	71.8	64.4 - 79.1		400	0.9 *	0.3 - 1.6		<100
101-200%	12.3	9.3 - 15.3		300	26.6	19.4 - 33.8		200	4.5	2.0 - 7.1		<100
> 200%	65.3	61.1 - 69.5		1,400	--				94.5	91.9 - 97.1		1,400

-- Estimate not shown because the relative standard error (RSE) is greater than 50%, fewer than 5 women reported, or the weighted population denominator for the column is less than 100 women.

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

† Measure/definition may not be comparable to previous Snapshots (see Technical Notes).

Notes: MIHA is an annual population-based survey of California resident women with a live birth. Data from MIHA 2013-2015 were combined, resulting in a statewide sample size of 20,762. The sample size of Marin County was 595. Percent (%), 95% confidence interval (95% CI) and estimated number of women in the population with the health indicator/characteristic (i.e., numerator of the percent rounded to the nearest hundred) are weighted to represent all women with a live birth who resided in California and the county in 2013-2015. Population estimate (N) is a three-year average. See the Technical Notes for information on weighting, comparability to prior years and technical definitions. Visit the MIHA website at www.cdph.ca.gov/MIHA.

Table Citation: Maternal and Infant Health Assessment (MIHA) Survey County and Regional Data Snapshots for Subgroups, 2013-2015. California Department of Public Health; 2018.



MIHA Data Snapshot, Marin County by Race/Ethnicity, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Marin County			Hispanic			Black			White			Asian/Pacific Islander		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
Total	100		2,300	29.2	25.3 - 33.1	600	1.7	1.2 - 2.3	<100	59.0	54.8 - 63.2	1,300	9.7	7.0 - 12.3	200
Health Status before Pregnancy															
In good to excellent health	97.4	96.2 - 98.6	2,200	92.8	89.0 - 96.5	600	--			--			--		
Chronic conditions															
Diabetes†	2.4	1.2 - 3.6	<100	6.0*	2.4 - 9.6	<100	--			--			--		
Hypertension†	2.3*	0.7 - 3.8	<100	--			--			--			--		
Asthma†	7.4	5.1 - 9.7	200	6.4*	1.4 - 11.4	<100	--			6.7	4.1 - 9.3	<100	--		
Nutrition and Weight															
Daily folic acid use, month before pregnancy	46.0	41.8 - 50.2	1,100	32.8	25.2 - 40.4	200	--			51.8	46.3 - 57.2	700	49.5	35.1 - 64.0	100
Overweight before pregnancy	19.3	16.0 - 22.6	400	28.8	21.0 - 36.6	100	--			15.7	11.8 - 19.6	200	14.3*	4.9 - 23.6	<100
Obese before pregnancy	9.8	7.3 - 12.4	200	16.3	9.7 - 23.0	<100	--			7.2	4.3 - 10.2	<100	--		
Inadequate weight gain during pregnancy	16.4	12.9 - 19.9	300	26.4	18.0 - 34.8	100	--			13.0	8.9 - 17.1	200	17.1*	4.6 - 29.7	<100
Excessive weight gain during pregnancy	35.2	30.9 - 39.5	700	33.8	24.9 - 42.7	200	--			38.0	32.5 - 43.5	500	21.7	10.4 - 32.9	<100
Food insecurity during pregnancy	10.5	7.9 - 13.0	200	24.6	17.9 - 31.4	200	--			4.4	2.0 - 6.7	<100	--		
Intimate Partner Violence (IPV) and Depressive Symptoms															
Physical or psychological IPV during pregnancy	4.6	3.0 - 6.3	100	10.0	5.4 - 14.5	<100	--			2.9*	1.1 - 4.6	<100	--		
Prenatal depressive symptoms	10.8	8.3 - 13.4	200	17.4	11.5 - 23.2	100	--			8.5	5.5 - 11.4	100	--		
Postpartum depressive symptoms	10.1	7.7 - 12.6	200	12.4	7.4 - 17.4	<100	--			8.7	5.7 - 11.7	100	8.5*	1.7 - 15.4	<100
Hardships and Support during Pregnancy															
Experienced two or more hardships during childhood	19.7	16.5 - 23.0	400	30.9	23.6 - 38.1	200	--			17.8	13.6 - 22.0	200	--		
Homeless or did not have a regular place to sleep	2.2*	0.9 - 3.5	<100	3.6*	0.4 - 6.7	<100	--			1.5*	0.2 - 2.8	<100	--		
Moved due to problems paying rent or mortgage	3.8	2.2 - 5.4	<100	7.1	3.1 - 11.0	<100	--			2.5*	0.7 - 4.3	<100	--		
Woman or partner lost job	10.4	7.8 - 13.0	200	20.0	13.7 - 26.3	100	--			6.4	3.7 - 9.1	<100	--		
Woman or partner had pay or hours cut back	11.4	8.7 - 14.0	300	18.2	12.2 - 24.1	100	--			9.2	6.1 - 12.3	100	--		
Became separated or divorced	3.6	1.9 - 5.2	<100	8.8	4.2 - 13.3	<100	--			1.2*	0.2 - 2.3	<100	--		
Had no practical or emotional support	4.2	2.7 - 5.8	<100	12.4	7.5 - 17.4	<100	--			--			--		
Substance Use															
Any smoking, 3 months before pregnancy	6.4	4.2 - 8.6	100	--			--			7.7	4.8 - 10.7	<100	--		
Any smoking, 3rd trimester†	0.6*	0.2 - 0.9	<100	--			--			--			--		
Any smoking, postpartum	2.2	1.0 - 3.4	<100	--			--			2.3*	0.9 - 3.8	<100	--		
Any binge drinking, 3 months before pregnancy	16.4	13.3 - 19.6	400	7.0*	2.7 - 11.2	<100	--			20.6	16.2 - 25.0	300	16.2*	3.4 - 28.9	<100
Any alcohol use, 3rd trimester†	21.9	18.5 - 25.4	500	5.5*	1.5 - 9.4	<100	--			31.8	26.7 - 36.9	400	21.2*	8.7 - 33.7	<100
Pregnancy Intention and Family Planning															
Mistimed or unwanted pregnancy	17.3	14.1 - 20.6	400	22.9	16.1 - 29.6	100	--			14.5	10.6 - 18.5	200	19.9*	7.5 - 32.2	<100
Unsure of pregnancy intentions	10.3	7.7 - 12.8	200	12.9	7.4 - 18.4	<100	--			8.5	5.4 - 11.6	100	11.1*	3.2 - 19.0	<100
Postpartum birth control use†	82.3	79.0 - 85.7	1,800	91.7	87.1 - 96.3	600	--			77.9	73.2 - 82.6	1,000	77.2	64.5 - 89.8	200
Infant Sleep and Breastfeeding															
Placed infant on back to sleep	85.7	82.7 - 88.8	1,900	84.7	79.4 - 90.0	500	--			85.3	81.3 - 89.4	1,100	--		
Infant always or often shared bed	32.2	28.1 - 36.3	700	46.9	38.9 - 55.0	300	--			23.9	19.2 - 28.6	300	37.6	22.7 - 52.6	<100
Intended to breastfeed, before birth	97.3	95.9 - 98.7	2,200	96.7*	93.7 - 99.7	600	--			98.3*	97.0 - 99.6	1,300	--		
Intended to breastfeed exclusively, before birth	82.3	79.0 - 85.6	1,800	75.0	67.5 - 82.4	500	90.6	87.4 - 93.7	<100	86.5	82.6 - 90.3	1,100	72.7	60.1 - 85.3	100
Breastfeeding practices															
Any breastfeeding, 1 month after delivery	95.9	94.3 - 97.4	2,200	96.7*	93.7 - 99.8	600	--			95.6	93.5 - 97.6	1,200	92.8*	86.0 - 99.6	200
Exclusive breastfeeding, 1 month after delivery	64.8	60.7 - 68.8	1,400	65.7	57.8 - 73.5	400	--			69.1	64.0 - 74.1	900	29.1	15.8 - 42.4	<100
Any breastfeeding, 3 months after delivery	92.6	90.1 - 95.0	1,600	94.5*	90.7 - 98.2	500	--			92.9	89.9 - 96.0	900	84.8*	73.9 - 95.7	100
Exclusive breastfeeding, 3 months after delivery	53.4	48.5 - 58.3	900	49.5	40.7 - 58.2	200	--			60.4	54.1 - 66.7	600	20.0*	4.5 - 35.6	<100



MIHA Data Snapshot, Marin County by Race/Ethnicity, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Marin County			Hispanic			Black			White			Asian/Pacific Islander		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
Service Utilization and Health Insurance Coverage															
Had a usual source of pre-pregnancy care	80.6	77.3 - 83.8	1,800	66.7	59.4 - 74.0	400	--	--	--	86.6	82.8 - 90.4	1,100	81.7	71.4 - 92.0	200
Initiated prenatal care in 1st trimester	94.5	92.6 - 96.5	2,100	86.4	80.9 - 91.8	500	--	--	--	97.6*	95.7 - 99.5	1,300	--	--	--
Mom or infant needed but couldn't afford care postpartum	6.6	4.6 - 8.6	100	12.3	7.5 - 17.2	<100	--	--	--	3.5	1.6 - 5.4	<100	--	--	--
Participated in WIC during pregnancy†	29.1	25.2 - 33.1	600	80.6	74.0 - 87.1	500	--	--	--	8.1	4.8 - 11.4	100	8.8*	1.8 - 15.8	<100
Received CalFresh (food stamps) during pregnancy	12.1	9.2 - 14.9	300	30.3	22.8 - 37.7	200	--	--	--	4.2	1.7 - 6.6	<100	--	--	--
Pre-pregnancy insurance															
Medi-Cal	17.8	14.5 - 21.2	400	47.1	39.1 - 55.2	300	--	--	--	5.3	2.6 - 7.9	<100	8.7*	1.4 - 16.1	<100
Uninsured	13.0	10.3 - 15.6	300	33.1	25.9 - 40.3	200	--	--	--	5.0	2.7 - 7.4	<100	--	--	--
Private	66.6	62.6 - 70.6	1,500	17.5	11.4 - 23.5	100	--	--	--	86.7	82.8 - 90.6	1,100	82.5	72.5 - 92.6	200
Prenatal insurance															
Medi-Cal	31.2	27.3 - 35.1	700	81.0	74.6 - 87.3	500	--	--	--	10.7	7.1 - 14.3	100	14.4*	5.4 - 23.4	<100
Uninsured	1.0*	0.3 - 1.7	<100	--	--	--	--	--	--	--	--	--	--	--	--
Private	65.5	61.5 - 69.5	1,500	14.5	8.9 - 20.2	<100	--	--	--	86.5	82.5 - 90.5	1,100	84.2*	74.8 - 93.5	200
Maternal postpartum insurance															
Medi-Cal	23.7	20.0 - 27.4	500	61.8	54.2 - 69.4	400	--	--	--	6.5	3.7 - 9.3	<100	9.0*	1.3 - 16.6	<100
Uninsured	8.3	6.1 - 10.6	200	20.1	14.2 - 26.1	100	--	--	--	3.8*	1.6 - 6.1	<100	--	--	--
Private	67.0	63.0 - 71.0	1,500	17.1	10.9 - 23.2	100	--	--	--	88.6	85.0 - 92.2	1,100	87.2*	78.5 - 95.8	200
Infant health insurance															
Medi-Cal	33.5	29.5 - 37.5	800	85.0	79.2 - 90.8	500	68.7	58.2 - 79.1	<100	10.5	7.1 - 13.9	100	13.7*	4.6 - 22.8	<100
Uninsured	1.1*	0.3 - 1.9	<100	--	--	--	--	--	--	1.7*	0.4 - 3.0	<100	--	--	--
Private	64.0	60.0 - 68.0	1,400	13.8	8.1 - 19.5	<100	--	--	--	86.1	82.3 - 89.9	1,100	84.9*	75.4 - 94.3	200
Maternal Demographics															
Age															
15-19	1.6*	0.5 - 2.7	<100	--	--	--	--	--	--	--	--	--	--	--	--
20-34	58.7	54.6 - 62.9	1,300	74.8	68.0 - 81.7	500	--	--	--	51.2	45.7 - 56.7	700	49.6	35.1 - 64.2	100
35+	39.7	35.6 - 43.8	900	22.6	16.0 - 29.1	100	--	--	--	47.9	42.5 - 53.4	600	50.4	35.8 - 64.9	100
Did not complete high school (or GED)	15.0	12.1 - 18.0	300	47.4	39.4 - 55.3	300	--	--	--	1.8*	0.1 - 3.5	<100	--	--	--
Unmarried	23.0	19.5 - 26.5	500	52.6	44.7 - 60.6	300	--	--	--	11.3	7.8 - 14.7	100	--	--	--
Born outside the U.S.	38.2	34.1 - 42.3	900	80.0	73.0 - 87.0	500	--	--	--	13.1	8.9 - 17.4	200	68.2	54.8 - 81.7	100
Speaks non-English language at home	29.0	25.2 - 32.8	700	75.1	67.7 - 82.4	500	--	--	--	4.1	1.7 - 6.6	<100	47.2	32.7 - 61.7	<100
Lives in a high poverty neighborhood	9.6	7.0 - 12.3	200	29.5	21.9 - 37.1	200	--	--	--	--	--	--	--	--	--
Income as a percent of the Federal Poverty Guideline															
0-100%	22.4	18.7 - 26.1	500	63.8	55.4 - 72.3	300	--	--	--	6.5	3.5 - 9.6	<100	10.9*	2.9 - 19.0	<100
101-200%	12.3	9.3 - 15.3	300	23.4	16.1 - 30.7	100	--	--	--	7.4	4.2 - 10.6	<100	8.5*	1.3 - 15.7	<100
> 200%	65.3	61.1 - 69.5	1,400	12.8	6.6 - 19.0	<100	--	--	--	86.1	81.9 - 90.3	1,100	80.5	70.0 - 91.0	200

-- Estimate not shown because the relative standard error (RSE) is greater than 50%, fewer than 5 women reported, or the weighted population denominator for the column is less than 100 women.

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

† Measure/definition may not be comparable to previous Snapshots (see Technical Notes).

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MIHA Data Snapshot, Marin County by Total Live Births, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Marin County			First Live Birth			Second Live Birth or More		
	%	95% CI	N	%	95% CI	N	%	95% CI	N
Total	100		2,300	43.6	39.5 - 47.8	1,000	56.4	52.2 - 60.5	1,300
Health Status before Pregnancy									
In good to excellent health	97.4	96.2 - 98.6	2,200	98.0 *	96.7 - 99.4	1,000	96.9 *	95.1 - 98.7	1,200
Chronic conditions									
Diabetes†	2.4	1.2 - 3.6	<100	2.4 *	0.3 - 4.5	<100	2.4 *	0.9 - 3.9	<100
Hypertension†	2.3 *	0.7 - 3.8	<100	--			2.1 *	0.2 - 4.0	<100
Asthma†	7.4	5.1 - 9.7	200	8.6	4.7 - 12.5	<100	6.5	3.7 - 9.3	<100
Nutrition and Weight									
Daily folic acid use, month before pregnancy	46.0	41.8 - 50.2	1,100	52.2	46.0 - 58.5	500	41.1	35.5 - 46.7	500
Overweight before pregnancy	19.3	16.0 - 22.6	400	14.9	10.7 - 19.1	100	23.0	18.0 - 28.0	300
Obese before pregnancy	9.8	7.3 - 12.4	200	8.0	4.9 - 11.1	<100	11.4	7.5 - 15.2	100
Inadequate weight gain during pregnancy	16.4	12.9 - 19.9	300	17.9	12.4 - 23.5	200	15.2	10.7 - 19.7	200
Excessive weight gain during pregnancy	35.2	30.9 - 39.5	700	36.7	30.3 - 43.1	300	34.0	28.2 - 39.8	400
Food insecurity during pregnancy	10.5	7.9 - 13.0	200	7.7	4.4 - 11.0	<100	12.7	8.9 - 16.4	200
Intimate Partner Violence (IPV) and Depressive Symptoms									
Physical or psychological IPV during pregnancy	4.6	3.0 - 6.3	100	3.8	1.7 - 5.8	<100	5.3	2.8 - 7.8	<100
Prenatal depressive symptoms	10.8	8.3 - 13.4	200	11.3	7.6 - 15.0	100	10.5	7.0 - 14.0	100
Postpartum depressive symptoms	10.1	7.7 - 12.6	200	8.3	5.2 - 11.5	<100	11.5	7.9 - 15.1	100
Hardships and Support during Pregnancy									
Experienced two or more hardships during childhood	19.7	16.5 - 23.0	400	18.1	13.5 - 22.8	200	21.0	16.5 - 25.6	300
Homeless or did not have a regular place to sleep	2.2 *	0.9 - 3.5	<100	--			2.4 *	0.6 - 4.1	<100
Moved due to problems paying rent or mortgage	3.8	2.2 - 5.4	<100	2.9 *	0.8 - 4.9	<100	4.5	2.2 - 6.9	<100
Woman or partner lost job	10.4	7.8 - 13.0	200	6.6	3.6 - 9.5	<100	13.4	9.4 - 17.3	200
Woman or partner had pay or hours cut back	11.4	8.7 - 14.0	300	8.2	5.0 - 11.5	<100	13.8	9.9 - 17.8	200
Became separated or divorced	3.6	1.9 - 5.2	<100	1.7 *	0.4 - 2.9	<100	5.0	2.4 - 7.7	<100
Had no practical or emotional support	4.2	2.7 - 5.8	<100	1.5 *	0.3 - 2.7	<100	6.4	3.8 - 9.0	<100
Substance Use									
Any smoking, 3 months before pregnancy	6.4	4.2 - 8.6	100	9.2	5.1 - 13.2	<100	4.3	2.0 - 6.5	<100
Any smoking, 3rd trimester†	0.6 *	0.2 - 0.9	<100	1.3 *	0.5 - 2.1	<100	--		
Any smoking, postpartum	2.2	1.0 - 3.4	<100	2.4 *	0.9 - 3.9	<100	2.0 *	0.3 - 3.8	<100
Any binge drinking, 3 months before pregnancy	16.4	13.3 - 19.6	400	19.0	14.0 - 24.1	200	14.2	10.3 - 18.2	200
Any alcohol use, 3rd trimester†	21.9	18.5 - 25.4	500	21.8	16.6 - 26.9	200	22.1	17.4 - 26.9	300
Pregnancy Intention and Family Planning									
Mistimed or unwanted pregnancy	17.3	14.1 - 20.6	400	17.2	12.4 - 22.1	200	17.5	13.1 - 21.8	200
Unsure of pregnancy intentions	10.3	7.7 - 12.8	200	7.4	4.0 - 10.7	<100	12.5	8.7 - 16.2	200
Postpartum birth control use†	82.3	79.0 - 85.7	1,800	78.2	73.0 - 83.3	800	85.5	81.2 - 89.9	1,100
Infant Sleep and Breastfeeding									
Placed infant on back to sleep	85.7	82.7 - 88.8	1,900	90.1	86.1 - 94.0	900	82.4	78.0 - 86.8	1,100
Infant always or often shared bed	32.2	28.1 - 36.3	700	28.3	22.2 - 34.4	300	35.3	29.8 - 40.8	400
Intended to breastfeed, before birth	97.3	95.9 - 98.7	2,200	97.8 *	96.1 - 99.5	1,000	97.0 *	94.9 - 99.1	1,200
Intended to breastfeed exclusively, before birth	82.3	79.0 - 85.6	1,800	87.1	82.8 - 91.3	800	78.6	73.8 - 83.4	1,000
Breastfeeding practices									
Any breastfeeding, 1 month after delivery	95.9	94.3 - 97.4	2,200	97.1 *	95.2 - 98.9	1,000	94.9	92.5 - 97.4	1,200
Exclusive breastfeeding, 1 month after delivery	64.8	60.7 - 68.8	1,400	62.5	56.5 - 68.6	600	66.5	60.9 - 72.0	800
Any breastfeeding, 3 months after delivery	92.6	90.1 - 95.0	1,600	93.9	90.9 - 96.8	700	91.6	88.0 - 95.2	900
Exclusive breastfeeding, 3 months after delivery	53.4	48.5 - 58.3	900	52.9	45.7 - 60.1	400	53.8	47.1 - 60.4	500



MIHA Data Snapshot, Marin County by Total Live Births, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Marin County			First Live Birth			Second Live Birth or More		
	%	95% CI	N	%	95% CI	N	%	95% CI	N
Service Utilization and Health Insurance Coverage									
Had a usual source of pre-pregnancy care	80.6	77.3 - 83.8	1,800	79.5	74.7 - 84.4	800	81.3	76.9 - 85.7	1,000
Initiated prenatal care in 1st trimester	94.5	92.6 - 96.5	2,100	96.8 *	94.7 - 98.9	1,000	92.8	89.7 - 95.8	1,100
Mom or infant needed but couldn't afford care postpartum	6.6	4.6 - 8.6	100	6.2	3.5 - 8.8	<100	6.9	4.1 - 9.7	<100
Participated in WIC during pregnancy†	29.1	25.2 - 33.1	600	19.7	14.5 - 24.9	200	36.6	31.0 - 42.1	500
Received CalFresh (food stamps) during pregnancy	12.1	9.2 - 14.9	300	5.0 *	1.5 - 8.6	<100	17.6	13.3 - 21.9	200
Pre-pregnancy insurance									
Medi-Cal	17.8	14.5 - 21.2	400	6.8	3.1 - 10.5	<100	26.5	21.3 - 31.6	300
Uninsured	13.0	10.3 - 15.6	300	12.6	8.8 - 16.5	100	13.3	9.6 - 16.9	200
Private	66.6	62.6 - 70.6	1,500	76.2	70.7 - 81.7	800	59.0	53.4 - 64.7	800
Prenatal insurance									
Medi-Cal	31.2	27.3 - 35.1	700	20.6	15.3 - 25.8	200	39.5	33.9 - 45.0	500
Uninsured	1.0 *	0.3 - 1.7	<100	--			1.5 *	0.3 - 2.7	<100
Private	65.5	61.5 - 69.5	1,500	76.5	71.0 - 81.9	800	57.0	51.3 - 62.6	700
Maternal postpartum insurance									
Medi-Cal	23.7	20.0 - 27.4	500	15.3	10.2 - 20.4	200	30.3	25.1 - 35.6	400
Uninsured	8.3	6.1 - 10.6	200	6.4	3.8 - 9.0	<100	9.9	6.5 - 13.3	100
Private	67.0	63.0 - 71.0	1,500	76.8	71.3 - 82.3	800	59.3	53.7 - 64.9	800
Infant health insurance									
Medi-Cal	33.5	29.5 - 37.5	800	22.6	17.2 - 28.0	200	42.0	36.4 - 47.6	500
Uninsured	1.1 *	0.3 - 1.9	<100	1.7 *	0.2 - 3.3	<100	--		
Private	64.0	60.0 - 68.0	1,400	73.7	68.1 - 79.4	700	56.4	50.8 - 62.1	700
Maternal Demographics									
Age									
15-19	1.6 *	0.5 - 2.7	<100	3.3 *	0.9 - 5.7	<100	--		
20-34	58.7	54.6 - 62.9	1,300	65.3	59.3 - 71.3	700	53.8	48.2 - 59.4	700
35+	39.7	35.6 - 43.8	900	31.4	25.6 - 37.2	300	46.0	40.4 - 51.6	600
Did not complete high school (or GED)	15.0	12.1 - 18.0	300	4.6	2.3 - 6.9	<100	23.1	18.4 - 27.9	300
Unmarried	23.0	19.5 - 26.5	500	21.3	16.1 - 26.5	200	24.3	19.5 - 29.1	300
Race/Ethnicity									
White	59.0	54.8 - 63.2	1,300	65.3	59.1 - 71.5	600	54.3	48.6 - 60.0	700
Hispanic	29.2	25.3 - 33.1	600	19.7	14.5 - 24.9	200	36.3	30.8 - 41.8	500
Asian/Pacific Islander	9.7	7.0 - 12.3	200	11.7	7.1 - 16.3	100	8.2	5.1 - 11.3	100
Black	1.7	1.2 - 2.3	<100	--			--		
Born outside the U.S.	38.2	34.1 - 42.3	900	30.5	24.6 - 36.4	300	44.2	38.5 - 49.9	600
Speaks non-English language at home	29.0	25.2 - 32.8	700	18.5	13.9 - 23.1	200	37.1	31.5 - 42.6	500
Lives in a high poverty neighborhood	9.6	7.0 - 12.3	200	4.9 *	1.6 - 8.2	<100	13.2	9.4 - 17.1	200
Income as a percent of the Federal Poverty Guideline									
0-100%	22.4	18.7 - 26.1	500	12.7	8.1 - 17.2	100	30.0	24.5 - 35.4	400
101-200%	12.3	9.3 - 15.3	300	11.1	6.7 - 15.5	100	13.2	9.1 - 17.4	200
> 200%	65.3	61.1 - 69.5	1,400	76.2	70.4 - 82.0	700	56.8	50.9 - 62.7	700

-- Estimate not shown because the relative standard error (RSE) is greater than 50%, fewer than 5 women reported, or the weighted population denominator for the column is less than 100 women.

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

† Measure/definition may not be comparable to previous Snapshots (see Technical Notes).

Notes: MIHA is an annual population-based survey of California resident women with a live birth. Data from MIHA 2013-2015 were combined, resulting in a statewide sample size of 20,762. The sample size of Marin County was 595. Percent (%), 95% confidence interval (95% CI) and estimated number of women in the population with the health indicator/characteristic (i.e., numerator of the percent rounded to the nearest hundred) are weighted to represent all women with a live birth who resided in California and the county in 2013-2015. Population estimate (N) is a three-year average. See the Technical Notes for information on weighting, comparability to prior years and technical definitions. Visit the MIHA website at www.cdph.ca.gov/MIHA.

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