MIHA Data Snapshot, Riverside County by Education, 2013-2015
Maternal and Infant Health Assessment (MIHA) Survey

	Riverside 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		29,700	16.1	12.2 - 20.0	4,700	21.8	17.5 - 26.0	6,300	40.7	35.7 - 45.7	11,900	21.5	17.6 - 25.4	6,200
Health Status before Pregnancy															
In good to excellent health	92.3	89.6 - 94.9	27,300	84.0 *	73.6 - 94.4	3,800	93.0 *	88.6 - 97.5	5,900	92.6	88.4 - 96.8	11,000	--		
Chronic conditions															
Diabetes†	2.2 *	0.7 - 3.8	700	--			--			--			--		
Hypertension†	2.6	1.3 - 3.9	800	--			3.0 *	0.3 - 5.8	200	2.8 *	0.6 - 5.0	300	--		
Asthma†	8.2	5.6 - 10.8	2,400	--			7.3 *	2.0 - 12.6	500	8.0	4.3 - 11.7	900	9.1 *	3.3 - 14.9	600
Nutrition and Weight															
Daily folic acid use, month before pregnancy	33.4	28.6 - 38.2	9,900	15.1 *	6.2 - 24.0	700	26.2	16.1 - 36.4	1,700	36.0	28.5 - 43.4	4,300	47.9	36.8 - 59.1	3,000
Overweight before pregnancy	25.9	21.2 - 30.6	7,400	12.5 *	3.1 - 22.0	500	39.0	27.0 - 50.9	2,300	22.8	16.3 - 29.3	2,700	27.0	16.8 - 37.2	1,700
Obese before pregnancy	25.4	20.9 - 29.9	7,300	36.0	22.2 - 49.8	1,500	25.3	14.5 - 36.1	1,500	27.9	21.0 - 34.8	3,300	15.3	7.5 - 23.2	900
Inadequate weight gain during pregnancy	18.8	14.3 - 23.3	4,700	24.4	10.5 - 38.4	900	21.3	11.0 - 31.5	1,100	15.5	9.5 - 21.6	1,600	18.0	8.6 - 27.5	900
Excessive weight gain during pregnancy	41.0	35.6 - 46.4	10,200	27.7	14.2 - 41.3	1,100	33.5	21.7 - 45.3	1,800	47.1	38.8 - 55.5	4,700	44.2	33.1 - 55.3	2,300
Food insecurity during pregnancy	21.7	17.5 - 26.0	6,400	32.7	19.7 - 45.6	1,500	25.3	14.9 - 35.7	1,600	21.3	14.9 - 27.7	2,500	6.6 *	1.3 - 11.9	400
Intimate Partner Violence (IPV) and Depressive Symptoms															
Physical or psychological IPV during pregnancy	5.9	3.7 - 8.2	1,800	10.9 *	3.2 - 18.5	500	--			5.6 *	2.2 - 9.1	700	--		
Prenatal depressive symptoms	13.1	9.8 - 16.4	3,900	14.7 *	5.7 - 23.8	700	14.9	7.4 - 22.3	900	10.9	6.4 - 15.5	1,300	10.8 *	3.5 - 18.0	700
Postpartum depressive symptoms	16.0	12.3 - 19.7	4,700	16.7 *	6.4 - 27.0	800	16.7	8.7 - 24.6	1,000	18.4	12.3 - 24.5	2,200	8.9	4.0 - 13.8	600
Hardships and Support during Pregnancy															
Experienced two or more hardships during childhood	25.6	21.2 - 30.0	7,400	26.2	13.8 - 38.5	1,200	34.9	23.6 - 46.2	2,100	26.5	19.8 - 33.1	3,100	14.1	7.3 - 20.9	900
Homeless or did not have a regular place to sleep	2.9	1.3 - 4.5	900	7.5 *	1.0 - 14.1	400	--			1.2 *	0.2 - 2.1	100	--		
Moved due to problems paying rent or mortgage	7.9	5.2 - 10.6	2,300	13.5 *	4.5 - 22.6	600	8.7 *	2.3 - 15.1	500	7.4	3.5 - 11.3	900	--		
Woman or partner lost job	17.6	13.7 - 21.6	5,200	17.9 *	6.9 - 28.9	800	19.7	11.1 - 28.3	1,200	19.6	13.1 - 26.0	2,300	12.5 *	4.9 - 20.1	800
Woman or partner had pay or hours cut back	10.5	7.6 - 13.4	3,100	12.1 *	2.7 - 21.5	600	7.0 *	2.8 - 11.2	400	13.0	8.1 - 17.8	1,500	9.2 *	3.7 - 14.8	600
Became separated or divorced	9.4	6.5 - 12.2	2,800	13.2 *	4.6 - 21.9	600	8.2 *	3.3 - 13.1	500	10.3	5.4 - 15.1	1,200	5.3 *	0.8 - 9.7	300
Had no practical or emotional support	3.5	1.7 - 5.2	1,000	--			4.3 *	0.2 - 8.3	300	--			6.8 *	1.0 - 12.6	400
Substance Use															
Any smoking, 3 months before pregnancy	10.1	7.1 - 13.0	3,000	14.2 *	5.1 - 23.3	700	11.4 *	4.1 - 18.8	700	9.8	5.4 - 14.2	1,100	--		
Any smoking, 3rd trimester†	1.9 *	0.6 - 3.1	600	--			--			2.3 *	0.3 - 4.3	300	--		
Any smoking, postpartum	4.4	2.3 - 6.4	1,300	9.1 *	1.0 - 17.1	400	3.3 *	0.5 - 6.1	200	4.7 *	1.3 - 8.0	600	--		
Any binge drinking, 3 months before pregnancy	15.4	11.6 - 19.1	4,500	9.6 *	1.9 - 17.3	400	17.1	7.9 - 26.3	1,000	17.4	11.1 - 23.7	2,000	15.2	8.2 - 22.2	900
Any alcohol use, 3rd trimester†	3.0	1.5 - 4.5	900	--			--			3.9 *	1.3 - 6.6	500	3.6 *	0.6 - 6.5	200
Pregnancy Intention and Family Planning															
Mistimed or unwanted pregnancy	29.2	24.6 - 33.8	8,600	31.8	18.4 - 45.1	1,500	39.5	28.1 - 51.0	2,500	32.1	24.9 - 39.2	3,800	11.7	6.3 - 17.1	700
Unsure of pregnancy intentions	16.1	12.2 - 20.0	4,700	25.4	13.2 - 37.5	1,200	19.2	10.0 - 28.4	1,200	12.9	8.0 - 17.8	1,500	13.5 *	4.8 - 22.2	800
Postpartum birth control use†	80.5	76.5 - 84.6	23,500	73.6	61.2 - 86.1	3,200	87.2 *	79.6 - 94.7	5,400	84.4	78.9 - 89.9	10,000	71.1	60.8 - 81.4	4,400
Infant Sleep and Breastfeeding															
Placed infant on back to sleep	79.5	75.4 - 83.6	23,000	80.8	69.6 - 91.9	3,700	82.5	74.3 - 90.8	5,200	76.0	69.3 - 82.8	8,800	81.5	72.5 - 90.4	4,800
Infant always or often shared bed	34.8	29.9 - 39.6	10,000	38.8	25.3 - 52.2	1,800	34.3	23.3 - 45.3	2,200	36.1	28.6 - 43.5	4,200	26.3	17.0 - 35.6	1,500
Intended to breastfeed, before birth	94.2	92.1 - 96.3	27,500	--			92.2 *	86.6 - 97.8	5,800	93.8	90.5 - 97.1	10,900	--		
Intended to breastfeed exclusively, before birth	66.1	61.3 - 70.9	19,300	47.5	33.5 - 61.5	2,200	56.7	45.2 - 68.3	3,600	71.3	64.4 - 78.3	8,300	81.3	73.9 - 88.8	4,800
Breastfeeding practices															
Any breastfeeding, 1 month after delivery	83.1	79.3 - 86.9	23,900	77.4	66.0 - 88.8	3,600	82.8	74.6 - 91.0	5,100	80.5	74.1 - 86.8	9,400	94.3 *	90.6 - 98.0	5,500
Exclusive breastfeeding, 1 month after delivery	41.8	36.7 - 46.9	11,700	37.4	24.1 - 50.8	1,700	29.0	19.2 - 38.9	1,700	46.5	38.7 - 54.3	5,300	51.6	40.3 - 62.9	2,900
Any breastfeeding, 3 months after delivery	63.2	57.4 - 69.0	14,000	50.9	35.4 - 66.3	2,000	58.9	45.2 - 72.6	2,600	58.4	49.6 - 67.2	5,500	89.7 *	83.5 - 95.9	3,800
Exclusive breastfeeding, 3 months after delivery	25.9	20.8 - 31.0	5,700	14.6 *	3.2 - 26.0	600	16.2	7.2 - 25.2	700	28.9	20.9 - 36.9	2,700	41.9	28.8 - 55.0	1,700

MIHA is a collaborative effort of the Maternal, Child and Adolescent Health Division and the Women, Infants and Children Division in the California Department of Public Health and the Center on Social Disparities in Health at the University of California San Francisco.

MIHA Data Snapshot, Riverside County by Education, 2013-2015
Maternal and Infant Health Assessment (MIHA) Survey

	Riverside 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	67.4	62.7 - 72.1	19,900	53.9	40.1 - 67.7	2,500	59.1	47.6 - 70.6	3,700	70.5	63.6 - 77.4	8,400	81.5	73.4 - 89.6	5,100
Initiated prenatal care in 1st trimester	85.7	82.2 - 89.1	24,700	76.3	64.8 - 87.8	3,400	84.8	77.4 - 92.1	5,200	86.1	80.8 - 91.5	10,100	93.2 *	87.5 - 98.8	5,600
Mom or infant needed but couldn't afford care postpartum	17.5	13.6 - 21.5	5,100	19.8	8.6 - 31.1	900	14.2	6.1 - 22.3	900	19.3	13.1 - 25.5	2,300	13.6	6.0 - 21.1	800
Participated in WIC during pregnancy†	58.3	54.7 - 61.9	17,000	87.5 *	78.9 - 96.2	4,100	78.8	69.0 - 88.6	4,900	53.8	46.9 - 60.7	6,300	19.4	11.3 - 27.5	1,200
Received CalFresh (food stamps) during pregnancy	27.1	22.8 - 31.4	8,000	45.7	32.0 - 59.4	2,100	39.3	27.8 - 50.9	2,500	23.9	17.5 - 30.3	2,800	6.1 *	1.2 - 10.9	400
Pre-pregnancy insurance															
Medi-Cal	24.9	20.8 - 29.1	7,400	40.5	27.0 - 54.0	1,800	41.0	29.6 - 52.5	2,600	20.2	14.1 - 26.3	2,400	6.9 *	1.6 - 12.2	400
Uninsured	28.0	23.5 - 32.5	8,300	39.2	25.6 - 52.8	1,800	36.0	24.6 - 47.3	2,300	26.9	20.2 - 33.6	3,200	12.1 *	4.6 - 19.5	800
Private	41.9	37.7 - 46.1	12,400	15.4 *	4.8 - 25.9	700	20.8	11.6 - 30.0	1,300	46.8	39.5 - 54.1	5,500	75.6	66.6 - 84.7	4,700
Prenatal insurance															
Medi-Cal	54.1	50.3 - 58.0	16,100	84.9 *	75.1 - 94.7	4,000	76.7	67.4 - 86.0	4,900	47.5	40.3 - 54.6	5,600	17.5	9.4 - 25.6	1,100
Uninsured	1.7 *	0.4 - 3.0	500	--			--			--			--		
Private	38.2	34.4 - 42.0	11,300	--			18.0	9.4 - 26.5	1,100	43.2	36.0 - 50.3	5,100	77.3	68.5 - 86.0	4,800
Maternal postpartum insurance															
Medi-Cal	38.8	34.4 - 43.3	11,400	60.9	46.9 - 74.9	2,800	59.6	48.0 - 71.1	3,700	34.5	27.4 - 41.5	4,000	11.4	5.4 - 17.4	700
Uninsured	16.1	12.2 - 20.0	4,700	24.5	11.9 - 37.2	1,100	20.4	10.7 - 30.1	1,300	13.7	8.3 - 19.1	1,600	7.1 *	0.4 - 13.8	400
Private	40.4	36.3 - 44.5	11,900	8.9 *	0.2 - 17.5	400	19.5	10.1 - 28.8	1,200	45.4	38.0 - 52.7	5,300	77.7	68.9 - 86.5	4,800
Infant health insurance															
Medi-Cal	58.9	54.8 - 63.0	16,900	90.8 *	82.0 - 99.6	4,200	78.2	68.7 - 87.7	4,900	54.0	46.7 - 61.4	6,300	20.4	11.4 - 29.4	1,200
Uninsured	2.8	1.2 - 4.3	800	--			4.8 *	0.1 - 9.4	300	3.2 *	0.8 - 5.6	400	--		
Private	32.8	28.9 - 36.6	9,400	--			15.3	6.5 - 24.0	1,000	34.4	27.6 - 41.3	4,000	72.3	62.5 - 82.2	4,200
Maternal Demographics															
Unmarried	44.1	39.4 - 48.9	13,000	68.1	55.1 - 81.1	3,200	57.6	46.0 - 69.2	3,600	38.3	30.9 - 45.6	4,500	20.7	12.0 - 29.4	1,300
Race/Ethnicity															
White	27.5	23.2 - 31.8	8,100	12.9 *	4.2 - 21.5	600	18.0	9.0 - 27.0	1,100	31.2	24.2 - 38.2	3,600	41.7	30.9 - 52.5	2,600
Hispanic	59.7	55.1 - 64.2	17,500	78.3	67.9 - 88.7	3,700	74.4	65.0 - 83.9	4,700	56.9	49.7 - 64.2	6,600	34.1	23.8 - 44.3	2,100
Asian/Pacific Islander	6.5	3.6 - 9.4	1,900	--			--			3.5 *	1.1 - 6.0	400	19.8	9.0 - 30.5	1,200
Black	5.9	5.1 - 6.7	1,700	4.7 *	1.5 - 8.0	200	5.3	2.8 - 7.8	300	7.8	5.8 - 9.8	900	4.4	2.4 - 6.4	300
Born outside the U.S.	28.4	23.6 - 33.3	8,500	47.8	34.0 - 61.7	2,200	38.1	26.7 - 49.5	2,400	18.0	12.0 - 24.1	2,100	21.7	11.0 - 32.5	1,400
Speaks non-English language at home	19.2	15.1 - 23.3	5,700	36.6	23.2 - 49.9	1,700	28.8	18.6 - 39.1	1,800	10.1	5.6 - 14.6	1,200	12.5 *	4.6 - 20.4	800
Lives in a high poverty neighborhood	37.7	32.6 - 42.7	10,600	50.0	35.5 - 64.5	2,100	43.5	31.7 - 55.4	2,700	33.2	25.9 - 40.5	3,800	28.4	17.0 - 39.8	1,700
Income as a percent of the Federal Poverty Guideline															
0-100%	44.0	39.3 - 48.7	12,200	71.1	57.7 - 84.6	3,100	71.6	61.2 - 81.9	4,300	34.8	27.5 - 42.2	3,800	9.9 *	3.1 - 16.7	600
101-200%	25.5	20.9 - 30.1	7,100	28.9	15.4 - 42.3	1,300	23.1	13.3 - 32.9	1,400	32.0	24.5 - 39.4	3,500	14.4	7.8 - 21.1	800
> 200%	30.5	26.8 - 34.2	8,400	--			5.3 *	0.6 - 10.0	300	33.2	26.4 - 40.0	3,700	75.7	66.8 - 84.6	4,400

-- 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 Riverside County was 610. 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, Riverside County by Geographical Area, 2013-2015
Maternal and Infant Health Assessment (MIHA) Survey

	Riverside County %	95% CI	N	Urban %	95% CI	N	Rural/Frontier %	95% CI	N
Total	100		29,700	98.4 *	97.2 - 99.6	27,700	1.6 *	0.4 - 2.8	400
Health Status before Pregnancy									
In good to excellent health	92.3	89.6 - 94.9	27,300	92.8	90.2 - 95.5	25,600	--		
Chronic conditions									
Diabetes†	2.2 *	0.7 - 3.8	700	2.0 *	0.5 - 3.5	600	--		
Hypertension†	2.6	1.3 - 3.9	800	2.7	1.3 - 4.1	800	--		
Asthma†	8.2	5.6 - 10.8	2,400	8.3	5.6 - 10.9	2,300	--		
Nutrition and Weight									
Daily folic acid use, month before pregnancy	33.4	28.6 - 38.2	9,900	32.5	27.6 - 37.5	9,000	66.0 *	35.7 - 96.2	300
Overweight before pregnancy	25.9	21.2 - 30.6	7,400	25.3	20.5 - 30.1	6,800	--		
Obese before pregnancy	25.4	20.9 - 29.9	7,300	25.8	21.1 - 30.5	6,900	--		
Inadequate weight gain during pregnancy	18.8	14.3 - 23.3	4,700	18.5	13.9 - 23.1	4,300	--		
Excessive weight gain during pregnancy	41.0	35.6 - 46.4	10,200	40.5	34.9 - 46.1	9,500	--		
Food insecurity during pregnancy	21.7	17.5 - 26.0	6,400	20.8	16.5 - 25.2	5,800	--		
Intimate Partner Violence (IPV) and Depressive Symptoms									
Physical or psychological IPV during pregnancy	5.9	3.7 - 8.2	1,800	5.2	3.0 - 7.5	1,400	--		
Prenatal depressive symptoms	13.1	9.8 - 16.4	3,900	13.4	9.9 - 16.8	3,700	--		
Postpartum depressive symptoms	16.0	12.3 - 19.7	4,700	15.8	12.0 - 19.6	4,300	--		
Hardships and Support during Pregnancy									
Experienced two or more hardships during childhood	25.6	21.2 - 30.0	7,400	25.0	20.5 - 29.6	6,700	--		
Homeless or did not have a regular place to sleep	2.9	1.3 - 4.5	900	2.8	1.2 - 4.5	800	--		
Moved due to problems paying rent or mortgage	7.9	5.2 - 10.6	2,300	8.0	5.1 - 10.8	2,200	--		
Woman or partner lost job	17.6	13.7 - 21.6	5,200	17.1	13.0 - 21.1	4,700	--		
Woman or partner had pay or hours cut back	10.5	7.6 - 13.4	3,100	10.1	7.2 - 13.1	2,800	--		
Became separated or divorced	9.4	6.5 - 12.2	2,800	9.0	6.1 - 11.8	2,500	--		
Had no practical or emotional support	3.5	1.7 - 5.2	1,000	3.4	1.6 - 5.2	900	--		
Substance Use									
Any smoking, 3 months before pregnancy	10.1	7.1 - 13.0	3,000	10.4	7.3 - 13.6	2,900	--		
Any smoking, 3rd trimester†	1.9 *	0.6 - 3.1	600	1.9 *	0.6 - 3.2	500	--		
Any smoking, postpartum	4.4	2.3 - 6.4	1,300	4.6	2.4 - 6.8	1,300	--		
Any binge drinking, 3 months before pregnancy	15.4	11.6 - 19.1	4,500	15.2	11.3 - 19.1	4,100	--		
Any alcohol use, 3rd trimester†	3.0	1.5 - 4.5	900	3.2	1.6 - 4.8	900	--		
Pregnancy Intention and Family Planning									
Mistimed or unwanted pregnancy	29.2	24.6 - 33.8	8,600	28.9	24.2 - 33.7	8,000	47.3 *	9.7 - 84.8	200
Unsure of pregnancy intentions	16.1	12.2 - 20.0	4,700	15.8	11.8 - 19.8	4,300	--		
Postpartum birth control use†	80.5	76.5 - 84.6	23,500	80.4	76.1 - 84.6	21,800	--		
Infant Sleep and Breastfeeding									
Placed infant on back to sleep	79.5	75.4 - 83.6	23,000	79.5	75.2 - 83.8	21,500	--		
Infant always or often shared bed	34.8	29.9 - 39.6	10,000	33.1	28.1 - 38.1	9,000	--		
Intended to breastfeed, before birth	94.2	92.1 - 96.3	27,500	94.7	92.6 - 96.8	25,900	--		
Intended to breastfeed exclusively, before birth	66.1	61.3 - 70.9	19,300	66.9	61.9 - 71.9	18,300	54.4 *	14.7 - 94.0	200
Breastfeeding practices									
Any breastfeeding, 1 month after delivery	83.1	79.3 - 86.9	23,900	83.4	79.5 - 87.2	22,400	--		
Exclusive breastfeeding, 1 month after delivery	41.8	36.7 - 46.9	11,700	42.8	37.5 - 48.1	11,200	--		
Any breastfeeding, 3 months after delivery	63.2	57.4 - 69.0	14,000	63.5	57.5 - 69.5	13,200	--		
Exclusive breastfeeding, 3 months after delivery	25.9	20.8 - 31.0	5,700	26.1	20.8 - 31.5	5,400	--		

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MIHA Data Snapshot, Riverside County by Geographical Area, 2013-2015
Maternal and Infant Health Assessment (MIHA) Survey

	Riverside 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	67.4	62.7 - 72.1	19,900	66.7	61.8 - 71.7	18,400	--		
Initiated prenatal care in 1st trimester	85.7	82.2 - 89.1	24,700	86.1	82.6 - 89.7	23,300	--		
Mom or infant needed but couldn't afford care postpartum	17.5	13.6 - 21.5	5,100	17.6	13.5 - 21.8	4,800	--		
Participated in WIC during pregnancy†	58.3	54.7 - 61.9	17,000	57.5	53.6 - 61.4	15,600	--		
Received CalFresh (food stamps) during pregnancy	27.1	22.8 - 31.4	8,000	26.6	22.1 - 31.1	7,400	57.4 *	20.2 - 94.6	200
Pre-pregnancy insurance									
Medi-Cal	24.9	20.8 - 29.1	7,400	24.1	19.7 - 28.4	6,600	--		
Uninsured	28.0	23.5 - 32.5	8,300	27.9	23.2 - 32.6	7,700	--		
Private	41.9	37.7 - 46.1	12,400	42.6	38.2 - 47.1	11,700	--		
Prenatal insurance									
Medi-Cal	54.1	50.3 - 58.0	16,100	53.2	49.0 - 57.3	14,700	--		
Uninsured	1.7 *	0.4 - 3.0	500	1.7 *	0.4 - 3.1	500	--		
Private	38.2	34.4 - 42.0	11,300	38.8	34.7 - 42.8	10,700	--		
Maternal postpartum insurance									
Medi-Cal	38.8	34.4 - 43.3	11,400	38.2	33.6 - 42.9	10,500	--		
Uninsured	16.1	12.2 - 20.0	4,700	15.9	11.9 - 20.0	4,400	--		
Private	40.4	36.3 - 44.5	11,900	40.9	36.6 - 45.3	11,300	--		
Infant health insurance									
Medi-Cal	58.9	54.8 - 63.0	16,900	58.1	53.7 - 62.4	15,700	--		
Uninsured	2.8	1.2 - 4.3	800	2.9	1.3 - 4.6	800	--		
Private	32.8	28.9 - 36.6	9,400	33.1	29.1 - 37.2	8,900	--		
Maternal Demographics									
Age									
15-19	6.7	4.2 - 9.2	2,000	7.1	4.4 - 9.8	2,000	--		
20-34	78.3	73.9 - 82.7	23,300	77.1	72.4 - 81.7	21,400	--		
35+	15.0	11.2 - 18.9	4,500	15.8	11.7 - 19.9	4,400	--		
Did not complete high school (or GED)	16.1	12.2 - 20.0	4,700	15.6	11.6 - 19.7	4,300	--		
Unmarried	44.1	39.4 - 48.9	13,000	43.6	38.6 - 48.6	12,000	55.5 *	17.7 - 93.3	200
Race/Ethnicity									
White	27.5	23.2 - 31.8	8,100	28.4	23.9 - 32.9	7,800	--		
Hispanic	59.7	55.1 - 64.2	17,500	58.3	53.5 - 63.1	16,000	--		
Asian/Pacific Islander	6.5	3.6 - 9.4	1,900	7.0	3.9 - 10.0	1,900	--		
Black	5.9	5.1 - 6.7	1,700	6.0	5.1 - 6.9	1,600	--		
Born outside the U.S.	28.4	23.6 - 33.3	8,500	27.0	21.9 - 32.0	7,500	--		
Speaks non-English language at home	19.2	15.1 - 23.3	5,700	18.2	14.0 - 22.3	5,000	--		
Lives in a high poverty neighborhood	37.7	32.6 - 42.7	10,600	36.7	31.6 - 41.8	10,200	--		
Income as a percent of the Federal Poverty Guideline									
0-100%	44.0	39.3 - 48.7	12,200	42.7	37.8 - 47.7	11,100	51.7 *	9.5 - 93.8	200
101-200%	25.5	20.9 - 30.1	7,100	26.4	21.6 - 31.2	6,900	--		
> 200%	30.5	26.8 - 34.2	8,400	30.9	26.9 - 34.8	8,000	--		

-- 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 Riverside County was 610. 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.

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, Riverside County by Income, 2013-2015
Maternal and Infant Health Assessment (MIHA) Survey

	Riverside 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		29,700	44.0	39.3 - 48.7	12,200	25.5	20.9 - 30.1	7,100	30.5	26.8 - 34.2	8,400
Health Status before Pregnancy												
In good to excellent health	92.3	89.6 - 94.9	27,300	87.5	82.3 - 92.7	10,700	97.4 *	95.1 - 99.6	6,800	93.8 *	88.8 - 98.7	7,900
Chronic conditions												
Diabetes†	2.2 *	0.7 - 3.8	700	4.8 *	1.2 - 8.4	600	--			--		
Hypertension†	2.6	1.3 - 3.9	800	3.9 *	1.4 - 6.5	500	--			2.6 *	0.3 - 5.0	200
Asthma†	8.2	5.6 - 10.8	2,400	10.9	6.2 - 15.6	1,300	5.4 *	1.1 - 9.7	400	7.9 *	3.2 - 12.6	700
Nutrition and Weight												
Daily folic acid use, month before pregnancy	33.4	28.6 - 38.2	9,900	21.5	14.8 - 28.1	2,600	33.9	23.7 - 44.1	2,400	49.0	39.5 - 58.4	4,100
Overweight before pregnancy	25.9	21.2 - 30.6	7,400	28.3	20.2 - 36.3	3,300	22.3	14.1 - 30.5	1,500	26.2	17.7 - 34.7	2,200
Obese before pregnancy	25.4	20.9 - 29.9	7,300	25.7	18.5 - 33.0	3,000	28.2	18.5 - 37.9	1,900	25.0	17.1 - 33.0	2,100
Inadequate weight gain during pregnancy	18.8	14.3 - 23.3	4,700	20.9	13.4 - 28.3	2,100	19.3	10.0 - 28.6	1,200	11.8	5.9 - 17.7	800
Excessive weight gain during pregnancy	41.0	35.6 - 46.4	10,200	36.8	28.0 - 45.5	3,700	36.7	26.2 - 47.2	2,300	52.8	43.1 - 62.5	3,800
Food insecurity during pregnancy	21.7	17.5 - 26.0	6,400	36.5	28.4 - 44.6	4,400	18.4	10.1 - 26.8	1,300	6.3 *	1.7 - 11.0	500
Intimate Partner Violence (IPV) and Depressive Symptoms												
Physical or psychological IPV during pregnancy	5.9	3.7 - 8.2	1,800	11.0	6.1 - 15.8	1,300	4.5 *	0.7 - 8.3	300	--		
Prenatal depressive symptoms	13.1	9.8 - 16.4	3,900	17.6	11.6 - 23.7	2,100	13.5	7.3 - 19.6	1,000	8.2 *	2.6 - 13.8	700
Postpartum depressive symptoms	16.0	12.3 - 19.7	4,700	19.3	13.0 - 25.7	2,300	14.0	6.6 - 21.5	1,000	16.4	9.8 - 23.0	1,400
Hardships and Support during Pregnancy												
Experienced two or more hardships during childhood	25.6	21.2 - 30.0	7,400	34.9	27.0 - 42.7	4,100	21.5	12.3 - 30.7	1,500	20.2	13.2 - 27.2	1,700
Homeless or did not have a regular place to sleep	2.9	1.3 - 4.5	900	5.6	2.4 - 8.8	700	--			--		
Moved due to problems paying rent or mortgage	7.9	5.2 - 10.6	2,300	14.7	9.0 - 20.4	1,800	5.4 *	0.6 - 10.1	400	--		
Woman or partner lost job	17.6	13.7 - 21.6	5,200	27.5	20.1 - 34.8	3,300	12.5	5.7 - 19.4	900	8.5 *	2.9 - 14.0	700
Woman or partner had pay or hours cut back	10.5	7.6 - 13.4	3,100	13.8	8.5 - 19.1	1,700	10.5	5.2 - 15.8	700	6.7	3.0 - 10.4	600
Became separated or divorced	9.4	6.5 - 12.2	2,800	16.5	10.8 - 22.3	2,000	5.6 *	1.1 - 10.1	400	--		
Had no practical or emotional support	3.5	1.7 - 5.2	1,000	4.6 *	1.4 - 7.7	600	--			--		
Substance Use												
Any smoking, 3 months before pregnancy	10.1	7.1 - 13.0	3,000	16.3	10.2 - 22.4	1,900	4.8 *	1.0 - 8.7	300	6.4 *	2.2 - 10.5	500
Any smoking, 3rd trimester†	1.9 *	0.6 - 3.1	600	2.6 *	0.4 - 4.7	300	--			--		
Any smoking, postpartum	4.4	2.3 - 6.4	1,300	6.8	2.9 - 10.8	800	--			--		
Any binge drinking, 3 months before pregnancy	15.4	11.6 - 19.1	4,500	15.0	8.5 - 21.4	1,800	19.4	11.2 - 27.7	1,400	14.9	9.1 - 20.8	1,200
Any alcohol use, 3rd trimester†	3.0	1.5 - 4.5	900	1.9 *	0.3 - 3.5	200	4.9 *	0.4 - 9.4	300	3.7 *	1.1 - 6.3	300
Pregnancy Intention and Family Planning												
Mistimed or unwanted pregnancy	29.2	24.6 - 33.8	8,600	40.4	32.2 - 48.6	4,900	25.6	16.8 - 34.4	1,800	18.3	11.5 - 25.1	1,500
Unsure of pregnancy intentions	16.1	12.2 - 20.0	4,700	18.2	12.0 - 24.4	2,200	19.1	10.6 - 27.5	1,300	10.2 *	3.8 - 16.7	900
Postpartum birth control use†	80.5	76.5 - 84.6	23,500	80.9	74.5 - 87.2	9,400	88.6	82.2 - 95.1	6,200	76.8	68.7 - 84.8	6,500
Infant Sleep and Breastfeeding												
Placed infant on back to sleep	79.5	75.4 - 83.6	23,000	74.1	66.8 - 81.3	8,600	85.0	77.4 - 92.6	6,000	83.2	76.2 - 90.2	6,800
Infant always or often shared bed	34.8	29.9 - 39.6	10,000	41.4	33.1 - 49.6	4,800	29.7	20.5 - 38.9	2,100	30.1	21.6 - 38.7	2,500
Intended to breastfeed, before birth	94.2	92.1 - 96.3	27,500	94.0	90.7 - 97.3	11,100	90.8 *	85.1 - 96.5	6,400	96.8 *	94.3 - 99.3	8,000
Intended to breastfeed exclusively, before birth	66.1	61.3 - 70.9	19,300	55.3	46.8 - 63.7	6,500	67.2	57.5 - 76.9	4,700	80.1	73.4 - 86.9	6,600
Breastfeeding practices												
Any breastfeeding, 1 month after delivery	83.1	79.3 - 86.9	23,900	80.9	74.6 - 87.2	9,300	79.7	71.1 - 88.3	5,600	85.9	79.7 - 92.0	7,000
Exclusive breastfeeding, 1 month after delivery	41.8	36.7 - 46.9	11,700	37.3	29.2 - 45.4	4,200	41.0	30.9 - 51.1	2,900	44.2	35.0 - 53.5	3,500
Any breastfeeding, 3 months after delivery	63.2	57.4 - 69.0	14,000	57.2	47.5 - 66.9	5,100	61.0	49.2 - 72.9	3,300	73.5	64.1 - 82.8	4,400
Exclusive breastfeeding, 3 months after delivery	25.9	20.8 - 31.0	5,700	18.7	11.3 - 26.1	1,700	27.6	17.2 - 38.1	1,500	31.1	21.3 - 41.0	1,800

MIHA is a collaborative effort of the Maternal, Child and Adolescent Health Division and the Women, Infants and Children Division in the California Department of Public Health and the Center on Social Disparities in Health at the University of California San Francisco.

MIHA Data Snapshot, Riverside County by Income, 2013-2015
Maternal and Infant Health Assessment (MIHA) Survey

	Riverside 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	67.4	62.7 - 72.1	19,900	61.5	53.5 - 69.5	7,500	59.4	49.1 - 69.6	4,100	82.1	74.8 - 89.3	6,900
Initiated prenatal care in 1st trimester	85.7	82.2 - 89.1	24,700	80.8	74.9 - 86.8	9,500	83.8	75.8 - 91.8	5,800	94.0 *	89.6 - 98.3	7,800
Mom or infant needed but couldn't afford care postpartum	17.5	13.6 - 21.5	5,100	21.6	14.6 - 28.5	2,600	22.3	13.6 - 31.0	1,600	7.6 *	2.4 - 12.9	600
Participated in WIC during pregnancy†	58.3	54.7 - 61.9	17,000	85.9	80.2 - 91.6	10,500	64.6	55.3 - 74.0	4,600	8.2 *	3.2 - 13.1	700
Received CalFresh (food stamps) during pregnancy	27.1	22.8 - 31.4	8,000	54.1	45.9 - 62.3	6,600	14.8	7.7 - 21.9	1,000	--		
Pre-pregnancy insurance												
Medi-Cal	24.9	20.8 - 29.1	7,400	49.9	41.8 - 58.1	6,100	9.3	4.3 - 14.3	600	--		
Uninsured	28.0	23.5 - 32.5	8,300	38.1	30.1 - 46.1	4,600	37.7	27.4 - 48.1	2,600	6.1 *	1.9 - 10.3	500
Private	41.9	37.7 - 46.1	12,400	7.5	3.2 - 11.7	900	47.2	36.8 - 57.5	3,300	87.3	81.4 - 93.2	7,400
Prenatal insurance												
Medi-Cal	54.1	50.3 - 58.0	16,100	90.2	85.6 - 94.7	11,000	50.1	40.0 - 60.3	3,500	4.9 *	0.4 - 9.4	400
Uninsured	1.7 *	0.4 - 3.0	500	2.2 *	0.1 - 4.3	300	--			--		
Private	38.2	34.4 - 42.0	11,300	5.4 *	1.9 - 8.8	700	39.1	29.2 - 48.9	2,800	86.4	79.8 - 92.9	7,300
Maternal postpartum insurance												
Medi-Cal	38.8	34.4 - 43.3	11,400	66.4	58.3 - 74.4	8,000	34.9	25.0 - 44.8	2,400	2.3 *	0.4 - 4.1	200
Uninsured	16.1	12.2 - 20.0	4,700	24.3	16.8 - 31.8	2,900	15.3	7.6 - 23.1	1,100	5.9 *	0.7 - 11.1	500
Private	40.4	36.3 - 44.5	11,900	6.9 *	2.3 - 11.5	800	44.3	34.0 - 54.6	3,100	85.4	78.7 - 92.2	7,200
Infant health insurance												
Medi-Cal	58.9	54.8 - 63.0	16,900	92.9 *	88.6 - 97.1	10,700	60.3	50.3 - 70.4	4,300	8.1 *	3.3 - 12.8	700
Uninsured	2.8	1.2 - 4.3	800	--			--			3.8 *	0.5 - 7.1	300
Private	32.8	28.9 - 36.6	9,400	4.4 *	0.6 - 8.2	500	30.0	20.5 - 39.5	2,100	79.1	71.5 - 86.8	6,500
Maternal Demographics												
Did not complete high school (or GED)	16.1	12.2 - 20.0	4,700	26.4	19.1 - 33.8	3,100	18.0	9.1 - 27.0	1,300	--		
Unmarried	44.1	39.4 - 48.9	13,000	71.3	63.8 - 78.8	8,600	33.4	23.9 - 42.9	2,400	13.6	7.7 - 19.5	1,100
Race/Ethnicity												
White	27.5	23.2 - 31.8	8,100	16.5	10.4 - 22.6	2,000	25.1	16.5 - 33.7	1,800	50.2	40.8 - 59.6	4,100
Hispanic	59.7	55.1 - 64.2	17,500	72.5	65.9 - 79.2	8,800	66.3	57.2 - 75.4	4,700	31.1	22.5 - 39.6	2,600
Asian/Pacific Islander	6.5	3.6 - 9.4	1,900	2.6 *	0.1 - 5.0	300	3.8 *	0.7 - 6.9	300	13.7 *	5.6 - 21.9	1,100
Black	5.9	5.1 - 6.7	1,700	7.9	5.9 - 9.9	1,000	4.8	2.6 - 7.0	300	4.5	3.0 - 6.1	400
Born outside the U.S.	28.4	23.6 - 33.3	8,500	35.4	27.3 - 43.6	4,300	19.2	10.4 - 28.0	1,400	21.1	12.1 - 30.0	1,800
Speaks non-English language at home	19.2	15.1 - 23.3	5,700	29.4	21.8 - 37.0	3,500	14.2	6.7 - 21.7	1,000	6.6 *	2.2 - 10.9	600
Lives in a high poverty neighborhood	37.7	32.6 - 42.7	10,600	50.2	41.6 - 58.8	5,700	29.9	20.7 - 39.1	2,100	24.1	14.7 - 33.4	2,000

-- 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%).

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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 Riverside County was 610. 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, Riverside County by Maternal Age, 2013-2015
Maternal and Infant Health Assessment (MIHA) Survey

	Riverside 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		29,700	6.7	4.2 - 9.2	2,000	78.3	73.9 - 82.7	23,300	15.0	11.2 - 18.9	4,500
Health Status before Pregnancy												
In good to excellent health	92.3	89.6 - 94.9	27,300	86.8 * 74.7 - 98.8		1,700	92.8	90.0 - 95.7	21,600	91.8 * 84.1 - 99.6		4,000
Chronic conditions												
Diabetes†	2.2 * 0.7 - 3.8		700	--			1.2 * 0.0 - 2.3		300	--		
Hypertension†	2.6	1.3 - 3.9	800	--			2.5	1.1 - 4.0	600	--		
Asthma†	8.2	5.6 - 10.8	2,400	--			8.1	5.2 - 11.0	1,900	7.8 * 0.6 - 15.0		300
Nutrition and Weight												
Daily folic acid use, month before pregnancy	33.4	28.6 - 38.2	9,900	17.8 * 4.1 - 31.5		400	32.2	26.8 - 37.5	7,500	46.7	32.5 - 60.9	2,100
Overweight before pregnancy	25.9	21.2 - 30.6	7,400	23.4 * 7.4 - 39.4		500	24.6	19.4 - 29.8	5,500	33.8	20.4 - 47.3	1,500
Obese before pregnancy	25.4	20.9 - 29.9	7,300	14.8 * 0.3 - 29.2		300	26.4	21.4 - 31.3	5,900	25.0	11.4 - 38.6	1,100
Inadequate weight gain during pregnancy	18.8	14.3 - 23.3	4,700	23.2 * 5.2 - 41.2		400	18.0	13.3 - 22.8	3,500	20.5 * 6.8 - 34.2		800
Excessive weight gain during pregnancy	41.0	35.6 - 46.4	10,200	44.5	23.5 - 65.5	800	43.1	37.0 - 49.3	8,300	28.7	15.8 - 41.5	1,100
Food insecurity during pregnancy	21.7	17.5 - 26.0	6,400	31.9	13.9 - 50.0	600	21.8	16.9 - 26.6	5,000	17.0 * 5.8 - 28.1		800
Intimate Partner Violence (IPV) and Depressive Symptoms												
Physical or psychological IPV during pregnancy	5.9	3.7 - 8.2	1,800	--			6.8	4.1 - 9.4	1,600	--		
Prenatal depressive symptoms	13.1	9.8 - 16.4	3,900	--			13.0	9.5 - 16.6	3,000	14.3 * 4.2 - 24.5		600
Postpartum depressive symptoms	16.0	12.3 - 19.7	4,700	--			16.6	12.4 - 20.7	3,800	15.2 * 5.1 - 25.4		700
Hardships and Support during Pregnancy												
Experienced two or more hardships during childhood	25.6	21.2 - 30.0	7,400	27.3 * 11.0 - 43.7		500	25.5	20.6 - 30.5	5,700	24.9	12.3 - 37.5	1,100
Homeless or did not have a regular place to sleep	2.9	1.3 - 4.5	900	--			2.8 * 1.0 - 4.6		700	--		
Moved due to problems paying rent or mortgage	7.9	5.2 - 10.6	2,300	--			7.4	4.5 - 10.3	1,700	9.4 * 1.4 - 17.4		400
Woman or partner lost job	17.6	13.7 - 21.6	5,200	24.2 * 7.2 - 41.3		500	16.7	12.4 - 21.0	3,800	19.6	8.2 - 30.9	900
Woman or partner had pay or hours cut back	10.5	7.6 - 13.4	3,100	--			11.7	8.3 - 15.0	2,700	8.6 * 1.1 - 16.1		400
Became separated or divorced	9.4	6.5 - 12.2	2,800	13.4 * 1.8 - 25.1		300	9.5	6.2 - 12.7	2,200	7.0 * 1.5 - 12.6		300
Had no practical or emotional support	3.5	1.7 - 5.2	1,000	--			3.5	1.6 - 5.4	800	--		
Substance Use												
Any smoking, 3 months before pregnancy	10.1	7.1 - 13.0	3,000	--			10.7	7.2 - 14.2	2,400	5.9 * 0.7 - 11.0		300
Any smoking, 3rd trimester†	1.9 * 0.6 - 3.1		600	--			2.0 * 0.6 - 3.3		400	--		
Any smoking, postpartum	4.4	2.3 - 6.4	1,300	--			3.5 * 1.4 - 5.6		800	7.8 * 0.9 - 14.6		300
Any binge drinking, 3 months before pregnancy	15.4	11.6 - 19.1	4,500	--			17.4	12.9 - 21.9	3,900	7.7 * 1.1 - 14.4		300
Any alcohol use, 3rd trimester†	3.0	1.5 - 4.5	900	--			3.3	1.5 - 5.1	800	--		
Pregnancy Intention and Family Planning												
Mistimed or unwanted pregnancy	29.2	24.6 - 33.8	8,600	60.0	40.9 - 79.1	1,200	28.6	23.5 - 33.8	6,600	17.9	7.6 - 28.3	800
Unsure of pregnancy intentions	16.1	12.2 - 20.0	4,700	22.0 * 5.6 - 38.3		400	13.2	9.5 - 16.9	3,100	28.8	14.4 - 43.1	1,300
Postpartum birth control use†	80.5	76.5 - 84.6	23,500	79.7 * 65.2 - 94.1		1,500	82.9	78.7 - 87.0	18,900	69.0	55.2 - 82.8	3,100
Infant Sleep and Breastfeeding												
Placed infant on back to sleep	79.5	75.4 - 83.6	23,000	77.7	62.5 - 92.9	1,500	80.9	76.5 - 85.3	18,100	73.3	59.7 - 87.0	3,300
Infant always or often shared bed	34.8	29.9 - 39.6	10,000	47.3	27.6 - 66.9	900	33.9	28.5 - 39.3	7,600	33.4	20.0 - 46.8	1,500
Intended to breastfeed, before birth	94.2	92.1 - 96.3	27,500	--			93.0	90.3 - 95.6	21,100	--		
Intended to breastfeed exclusively, before birth	66.1	61.3 - 70.9	19,300	53.5	33.8 - 73.2	1,100	66.2	60.9 - 71.6	15,000	70.9	57.9 - 84.0	3,200
Breastfeeding practices												
Any breastfeeding, 1 month after delivery	83.1	79.3 - 86.9	23,900	77.8 * 61.3 - 94.4		1,500	83.2	79.0 - 87.5	18,600	84.6 * 75.2 - 94.0		3,700
Exclusive breastfeeding, 1 month after delivery	41.8	36.7 - 46.9	11,700	36.0	18.1 - 53.8	700	45.2	39.5 - 50.9	9,900	26.6	14.5 - 38.7	1,100
Any breastfeeding, 3 months after delivery	63.2	57.4 - 69.0	14,000	45.8	21.9 - 69.7	600	61.7	55.1 - 68.2	10,800	77.4	64.8 - 90.0	2,600
Exclusive breastfeeding, 3 months after delivery	25.9	20.8 - 31.0	5,700	13.2 * 2.0 - 24.5		200	28.6	22.7 - 34.6	4,900	16.5 * 5.1 - 27.8		500

MIHA is a collaborative effort of the Maternal, Child and Adolescent Health Division and the Women, Infants and Children Division in the California Department of Public Health and the Center on Social Disparities in Health at the University of California San Francisco.

MIHA Data Snapshot, Riverside County by Maternal Age, 2013-2015
Maternal and Infant Health Assessment (MIHA) Survey

	Riverside 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	67.4	62.7 - 72.1	19,900	60.9	42.1 - 79.6	1,200	66.6	61.3 - 71.9	15,500	75.1	62.6 - 87.5	3,300
Initiated prenatal care in 1st trimester	85.7	82.2 - 89.1	24,700	62.9	44.2 - 81.7	1,200	86.4	82.6 - 90.2	19,700	92.5 *	86.1 - 98.8	3,800
Mom or infant needed but couldn't afford care postpartum	17.5	13.6 - 21.5	5,100	18.1 *	5.0 - 31.3	400	17.5	13.0 - 22.0	4,000	17.4 *	6.5 - 28.4	800
Participated in WIC during pregnancy†	58.3	54.7 - 61.9	17,000	--			58.9	54.6 - 63.1	13,600	40.9	26.3 - 55.4	1,700
Received CalFresh (food stamps) during pregnancy	27.1	22.8 - 31.4	8,000	34.5	16.1 - 52.9	700	28.7	23.7 - 33.7	6,700	15.6 *	4.9 - 26.3	700
Pre-pregnancy insurance												
Medi-Cal	24.9	20.8 - 29.1	7,400	34.9	17.4 - 52.5	700	27.4	22.5 - 32.4	6,300	7.1 *	1.0 - 13.2	300
Uninsured	28.0	23.5 - 32.5	8,300	28.0 *	10.7 - 45.4	600	28.4	23.3 - 33.5	6,600	26.1	13.0 - 39.2	1,100
Private	41.9	37.7 - 46.1	12,400	26.6 *	8.5 - 44.7	500	39.3	34.5 - 44.1	9,100	62.8	49.3 - 76.4	2,700
Prenatal insurance												
Medi-Cal	54.1	50.3 - 58.0	16,100	87.0 *	74.4 - 99.5	1,700	55.5	51.0 - 60.1	12,900	31.9	18.6 - 45.2	1,400
Uninsured	1.7 *	0.4 - 3.0	500	--			1.5 *	0.1 - 2.8	300	--		
Private	38.2	34.4 - 42.0	11,300	6.1 *	0.6 - 11.6	100	36.8	32.3 - 41.2	8,600	60.2	46.5 - 73.8	2,700
Maternal postpartum insurance												
Medi-Cal	38.8	34.4 - 43.3	11,400	72.0 *	54.6 - 89.5	1,400	40.3	35.3 - 45.3	9,300	16.3 *	6.7 - 26.0	700
Uninsured	16.1	12.2 - 20.0	4,700	16.1 *	3.0 - 29.2	300	15.5	11.1 - 19.9	3,600	19.3 *	7.5 - 31.1	900
Private	40.4	36.3 - 44.5	11,900	--			39.1	34.4 - 43.8	9,000	61.8	48.2 - 75.3	2,700
Infant health insurance												
Medi-Cal	58.9	54.8 - 63.0	16,900	--			58.5	53.6 - 63.3	13,100	48.3	34.3 - 62.4	2,100
Uninsured	2.8	1.2 - 4.3	800	--			3.2 *	1.3 - 5.1	700	--		
Private	32.8	28.9 - 36.6	9,400	--			32.0	27.6 - 36.5	7,200	48.1	34.0 - 62.2	2,100
Maternal Demographics												
Did not complete high school (or GED)	16.1	12.2 - 20.0	4,700	46.2	26.0 - 66.4	900	14.4	10.2 - 18.5	3,300	11.9 *	1.4 - 22.4	500
Unmarried	44.1	39.4 - 48.9	13,000	--			42.7	37.2 - 48.1	9,800	27.8	16.0 - 39.5	1,200
Race/Ethnicity												
White	27.5	23.2 - 31.8	8,100	--			29.3	24.4 - 34.2	6,700	27.9	15.0 - 40.7	1,200
Hispanic	59.7	55.1 - 64.2	17,500	85.7 *	73.7 - 97.8	1,700	58.9	53.6 - 64.2	13,500	52.0	38.0 - 65.9	2,300
Asian/Pacific Islander	6.5	3.6 - 9.4	1,900	--			5.4	2.3 - 8.5	1,200	13.8 *	4.3 - 23.2	600
Black	5.9	5.1 - 6.7	1,700	5.2 *	0.3 - 10.1	100	5.9	4.9 - 6.9	1,400	6.4	3.1 - 9.7	300
Born outside the U.S.	28.4	23.6 - 33.3	8,500	14.5 *	4.8 - 24.3	300	26.0	20.7 - 31.3	6,000	47.4	33.1 - 61.7	2,100
Speaks non-English language at home	19.2	15.1 - 23.3	5,700	13.9 *	1.0 - 26.8	300	17.2	12.9 - 21.4	4,000	32.1	18.3 - 45.8	1,400
Lives in a high poverty neighborhood	37.7	32.6 - 42.7	10,600	53.3	33.7 - 72.9	1,100	38.5	32.8 - 44.2	8,400	27.0	14.1 - 39.8	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 Riverside County was 610. 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, Riverside County by Neighborhood Poverty, 2013-2015
Maternal and Infant Health Assessment (MIHA) Survey

	Riverside 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		29,700	12.3	9.1 - 15.5	3,500	22.4	18.1 - 26.7	6,300	27.7	23.0 - 32.3	7,800	37.7	32.6 - 42.7	10,600
Health Status before Pregnancy															
In good to excellent health	92.3	89.6 - 94.9	27,300	--			98.7 *	97.6 - 99.9	6,200	93.9 *	89.1 - 98.7	7,300	87.6	82.0 - 93.2	9,200
Chronic conditions															
Diabetes†	2.2 *	0.7 - 3.8	700	--			--			--			2.6 *	0.4 - 4.9	300
Hypertension†	2.6	1.3 - 3.9	800	--			--			3.1 *	0.4 - 5.9	200	3.8 *	1.1 - 6.6	400
Asthma†	8.2	5.6 - 10.8	2,400	9.9 *	2.0 - 17.7	300	8.0 *	3.0 - 13.1	500	6.2	2.6 - 9.9	500	10.0	4.6 - 15.4	1,000
Nutrition and Weight															
Daily folic acid use, month before pregnancy	33.4	28.6 - 38.2	9,900	50.2	36.0 - 64.4	1,700	41.0	30.2 - 51.7	2,600	21.5	13.0 - 30.1	1,700	31.2	22.8 - 39.7	3,300
Overweight before pregnancy	25.9	21.2 - 30.6	7,400	21.6	10.1 - 33.1	700	24.0	14.9 - 33.2	1,500	23.7	14.9 - 32.6	1,800	30.2	21.6 - 38.9	3,100
Obese before pregnancy	25.4	20.9 - 29.9	7,300	15.3 *	6.1 - 24.6	500	22.1	13.2 - 30.9	1,300	35.2	25.4 - 45.0	2,700	24.2	16.6 - 31.8	2,400
Inadequate weight gain during pregnancy	18.8	14.3 - 23.3	4,700	14.3 *	2.6 - 26.0	400	15.5 *	6.0 - 25.0	900	22.8	13.8 - 31.8	1,500	18.7	11.3 - 26.2	1,600
Excessive weight gain during pregnancy	41.0	35.6 - 46.4	10,200	51.6	36.5 - 66.8	1,600	44.6	33.0 - 56.2	2,500	40.3	29.7 - 50.9	2,600	35.4	26.3 - 44.6	3,100
Food insecurity during pregnancy	21.7	17.5 - 26.0	6,400	27.0	13.7 - 40.3	900	10.9 *	3.3 - 18.5	700	23.8	14.9 - 32.7	1,800	21.9	14.7 - 29.2	2,300
Intimate Partner Violence (IPV) and Depressive Symptoms															
Physical or psychological IPV during pregnancy	5.9	3.7 - 8.2	1,800	--			--			5.4 *	1.0 - 9.8	400	6.8 *	2.8 - 10.9	700
Prenatal depressive symptoms	13.1	9.8 - 16.4	3,900	6.6 *	0.9 - 12.2	200	13.6	6.4 - 20.7	900	13.3	7.3 - 19.2	1,000	15.2	8.7 - 21.6	1,600
Postpartum depressive symptoms	16.0	12.3 - 19.7	4,700	10.6 *	2.4 - 18.8	400	14.2	6.5 - 21.8	900	20.3	12.7 - 27.9	1,600	15.6	9.0 - 22.1	1,600
Hardships and Support during Pregnancy															
Experienced two or more hardships during childhood	25.6	21.2 - 30.0	7,400	23.2	10.7 - 35.7	800	19.2	10.5 - 28.0	1,200	34.5	24.6 - 44.4	2,600	21.3	14.7 - 28.0	2,200
Homeless or did not have a regular place to sleep	2.9	1.3 - 4.5	900	--			--			3.7 *	0.2 - 7.2	300	3.0 *	0.7 - 5.3	300
Moved due to problems paying rent or mortgage	7.9	5.2 - 10.6	2,300	--			9.7 *	2.6 - 16.8	600	9.3 *	3.4 - 15.2	700	6.8 *	2.7 - 10.9	700
Woman or partner lost job	17.6	13.7 - 21.6	5,200	--			17.1	8.5 - 25.8	1,100	17.7	10.0 - 25.4	1,400	21.1	13.7 - 28.6	2,200
Woman or partner had pay or hours cut back	10.5	7.6 - 13.4	3,100	4.4 *	0.1 - 8.8	200	11.3	5.0 - 17.5	700	15.4	8.4 - 22.4	1,200	7.1	3.2 - 10.9	700
Became separated or divorced	9.4	6.5 - 12.2	2,800	--			2.0 *	0.2 - 3.7	100	11.6	5.7 - 17.4	900	11.3	5.9 - 16.7	1,200
Had no practical or emotional support	3.5	1.7 - 5.2	1,000	--			--			--			3.3 *	0.7 - 5.9	300
Substance Use															
Any smoking, 3 months before pregnancy	10.1	7.1 - 13.0	3,000	--			8.9 *	3.2 - 14.5	600	17.0	8.9 - 25.2	1,300	7.9	4.1 - 11.7	800
Any smoking, 3rd trimester†	1.9 *	0.6 - 3.1	600	--			--			3.9 *	0.5 - 7.4	300	--		
Any smoking, postpartum	4.4	2.3 - 6.4	1,300	--			--			8.5 *	2.4 - 14.5	700	2.8 *	0.8 - 4.8	300
Any binge drinking, 3 months before pregnancy	15.4	11.6 - 19.1	4,500	10.6 *	2.4 - 18.8	400	15.2	7.5 - 22.9	900	18.5	10.2 - 26.9	1,400	14.1	7.7 - 20.5	1,500
Any alcohol use, 3rd trimester†	3.0	1.5 - 4.5	900	--			--			2.7 *	0.2 - 5.1	200	2.8 *	0.6 - 5.1	300
Pregnancy Intention and Family Planning															
Mistimed or unwanted pregnancy	29.2	24.6 - 33.8	8,600	22.7	11.4 - 34.0	800	23.2	14.4 - 32.0	1,500	29.1	20.1 - 38.1	2,200	34.9	26.3 - 43.5	3,700
Unsure of pregnancy intentions	16.1	12.2 - 20.0	4,700	8.9 *	0.4 - 17.3	300	16.4	7.6 - 25.1	1,000	18.3	10.2 - 26.3	1,400	15.3	9.0 - 21.6	1,600
Postpartum birth control use†	80.5	76.5 - 84.6	23,500	83.5	73.8 - 93.2	2,800	79.8	71.0 - 88.7	5,000	82.1	74.5 - 89.7	6,300	78.9	71.6 - 86.2	8,200
Infant Sleep and Breastfeeding															
Placed infant on back to sleep	79.5	75.4 - 83.6	23,000	77.7	65.8 - 89.6	2,700	77.7	68.2 - 87.2	4,700	83.8	76.5 - 91.2	6,400	77.6	70.2 - 85.0	8,000
Infant always or often shared bed	34.8	29.9 - 39.6	10,000	33.4	19.5 - 47.3	1,100	32.3	21.9 - 42.7	2,000	33.3	23.7 - 42.8	2,500	34.8	26.6 - 42.9	3,600
Intended to breastfeed, before birth	94.2	92.1 - 96.3	27,500	93.7 *	88.1 - 99.3	3,200	--			94.1 *	89.8 - 98.3	7,200	94.6 *	91.2 - 98.0	10,000
Intended to breastfeed exclusively, before birth	66.1	61.3 - 70.9	19,300	69.6	56.4 - 82.7	2,400	73.8	64.5 - 83.1	4,500	67.1	57.2 - 77.1	5,100	61.4	52.9 - 69.9	6,500
Breastfeeding practices															
Any breastfeeding, 1 month after delivery	83.1	79.3 - 86.9	23,900	88.0 *	80.0 - 96.0	3,000	81.5	72.7 - 90.2	5,000	84.4	77.4 - 91.5	6,400	81.3	74.7 - 88.0	8,300
Exclusive breastfeeding, 1 month after delivery	41.8	36.7 - 46.9	11,700	41.5	26.8 - 56.1	1,300	43.8	33.3 - 54.3	2,700	41.9	32.3 - 51.6	3,100	41.7	32.7 - 50.6	4,100
Any breastfeeding, 3 months after delivery	63.2	57.4 - 69.0	14,000	79.6 *	66.8 - 92.5	1,900	60.5	47.6 - 73.3	2,600	64.7	53.9 - 75.6	4,000	58.3	48.1 - 68.6	4,800
Exclusive breastfeeding, 3 months after delivery	25.9	20.8 - 31.0	5,700	32.7	16.2 - 49.2	800	34.2	22.2 - 46.2	1,500	26.3	17.0 - 35.5	1,600	18.7	10.7 - 26.8	1,500

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MIHA Data Snapshot, Riverside County by Neighborhood Poverty, 2013-2015
Maternal and Infant Health Assessment (MIHA) Survey

	Riverside 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	67.4	62.7 - 72.1	19,900	71.5	58.7 - 84.3	2,500	73.4	64.1 - 82.7	4,600	65.8	56.2 - 75.3	5,100	62.6	54.0 - 71.3	6,600
Initiated prenatal care in 1st trimester	85.7	82.2 - 89.1	24,700	84.3 *	72.8 - 95.7	2,800	91.1 *	85.4 - 96.8	5,700	89.9	84.6 - 95.2	6,900	80.7	73.9 - 87.6	8,200
Mom or infant needed but couldn't afford care postpartum	17.5	13.6 - 21.5	5,100	15.4 *	3.9 - 26.9	500	13.2 *	5.4 - 21.0	800	15.1	8.7 - 21.5	1,200	22.2	14.5 - 29.8	2,300
Participated in WIC during pregnancy†	58.3	54.7 - 61.9	17,000	33.9	20.2 - 47.5	1,100	43.5	33.0 - 54.1	2,700	59.9	50.8 - 69.0	4,700	71.8	63.9 - 79.7	7,500
Received CalFresh (food stamps) during pregnancy	27.1	22.8 - 31.4	8,000	13.2 *	2.2 - 24.2	500	9.2 *	3.2 - 15.3	600	29.8	20.4 - 39.2	2,300	40.2	31.7 - 48.7	4,300
Pre-pregnancy insurance															
Medi-Cal	24.9	20.8 - 29.1	7,400	9.2 *	1.7 - 16.8	300	9.9 *	3.8 - 16.0	600	27.5	18.6 - 36.3	2,100	36.8	28.2 - 45.4	3,800
Uninsured	28.0	23.5 - 32.5	8,300	14.4 *	4.5 - 24.2	500	21.3	11.8 - 30.8	1,300	31.3	22.0 - 40.7	2,400	32.9	24.5 - 41.2	3,400
Private	41.9	37.7 - 46.1	12,400	63.7	50.4 - 76.9	2,200	67.8	57.7 - 77.9	4,300	34.8	26.1 - 43.5	2,700	25.7	17.7 - 33.6	2,700
Prenatal insurance															
Medi-Cal	54.1	50.3 - 58.0	16,100	23.6	11.5 - 35.7	800	37.2	26.9 - 47.5	2,300	56.5	47.4 - 65.6	4,400	70.6	62.6 - 78.6	7,500
Uninsured	1.7 *	0.4 - 3.0	500	--			--			--			--		
Private	38.2	34.4 - 42.0	11,300	56.6	42.7 - 70.6	1,900	57.4	47.0 - 67.9	3,600	36.1	27.4 - 44.8	2,800	23.3	15.8 - 30.8	2,500
Maternal postpartum insurance															
Medi-Cal	38.8	34.4 - 43.3	11,400	16.6 *	5.8 - 27.3	600	22.7	13.6 - 31.7	1,400	42.4	32.9 - 51.8	3,300	52.7	44.0 - 61.4	5,600
Uninsured	16.1	12.2 - 20.0	4,700	11.7 *	2.0 - 21.3	400	11.2 *	3.3 - 19.2	700	12.8	6.0 - 19.5	1,000	21.8	14.1 - 29.5	2,300
Private	40.4	36.3 - 44.5	11,900	58.2	43.9 - 72.4	2,000	64.9	54.6 - 75.3	4,000	38.4	29.3 - 47.6	3,000	22.5	15.0 - 30.1	2,400
Infant health insurance															
Medi-Cal	58.9	54.8 - 63.0	16,900	37.3	22.8 - 51.7	1,200	41.0	30.5 - 51.5	2,500	59.7	50.5 - 69.0	4,500	74.1	66.0 - 82.3	7,700
Uninsured	2.8	1.2 - 4.3	800	--			--			4.0 *	0.5 - 7.4	300	2.6 *	0.1 - 5.1	300
Private	32.8	28.9 - 36.6	9,400	47.3	32.9 - 61.6	1,600	52.6	42.1 - 63.0	3,200	30.3	21.7 - 38.9	2,300	19.0	11.7 - 26.4	2,000
Maternal Demographics															
Age															
15-19	6.7	4.2 - 9.2	2,000	--			7.5 *	1.0 - 13.9	500	4.4 *	1.6 - 7.3	300	9.9	4.8 - 15.1	1,100
20-34	78.3	73.9 - 82.7	23,300	69.0	55.5 - 82.4	2,400	74.8	64.6 - 84.9	4,700	80.4	72.4 - 88.5	6,300	78.7	71.3 - 86.1	8,400
35+	15.0	11.2 - 18.9	4,500	27.9	14.7 - 41.1	1,000	17.8	8.9 - 26.6	1,100	15.2	7.4 - 22.9	1,200	11.3	5.3 - 17.4	1,200
Did not complete high school (or GED)	16.1	12.2 - 20.0	4,700	11.8 *	0.9 - 22.7	400	13.9 *	5.6 - 22.2	900	11.2	4.9 - 17.5	900	20.9	13.3 - 28.5	2,100
Unmarried	44.1	39.4 - 48.9	13,000	32.7	19.1 - 46.2	1,100	27.1	17.2 - 37.0	1,700	44.3	34.6 - 54.0	3,500	57.0	48.2 - 65.8	6,000
Race/Ethnicity															
White	27.5	23.2 - 31.8	8,100	52.3	38.1 - 66.5	1,800	33.0	23.2 - 42.9	2,000	27.3	19.0 - 35.7	2,100	17.7	10.6 - 24.8	1,900
Hispanic	59.7	55.1 - 64.2	17,500	24.4	12.1 - 36.8	800	53.5	42.6 - 64.4	3,300	60.8	51.7 - 69.9	4,700	71.4	63.5 - 79.3	7,600
Asian/Pacific Islander	6.5	3.6 - 9.4	1,900	17.4 *	5.8 - 29.0	600	9.3 *	1.8 - 16.9	600	3.9 *	0.9 - 7.0	300	--		
Black	5.9	5.1 - 6.7	1,700	5.9 *	2.2 - 9.7	200	3.9	1.7 - 6.1	200	7.7	4.8 - 10.6	600	6.1	4.3 - 8.0	700
Born outside the U.S.	28.4	23.6 - 33.3	8,500	22.8	10.2 - 35.3	800	24.2	13.9 - 34.4	1,500	26.1	16.7 - 35.5	2,000	31.2	22.6 - 39.7	3,300
Speaks non-English language at home	19.2	15.1 - 23.3	5,700	16.5 *	4.9 - 28.2	600	13.9 *	5.4 - 22.4	900	16.4	8.4 - 24.4	1,300	21.9	15.0 - 28.7	2,300
Income as a percent of the Federal Poverty Guideline															
0-100%	44.0	39.3 - 48.7	12,200	25.4	12.0 - 38.8	800	18.6	9.8 - 27.4	1,100	49.4	39.6 - 59.2	3,700	58.5	49.4 - 67.5	5,700
101-200%	25.5	20.9 - 30.1	7,100	15.0 *	4.5 - 25.4	500	34.5	23.6 - 45.4	2,100	30.9	21.5 - 40.4	2,300	21.3	14.3 - 28.4	2,100
> 200%	30.5	26.8 - 34.2	8,400	59.6	45.3 - 74.0	1,900	46.9	36.1 - 57.7	2,800	19.7	13.1 - 26.3	1,500	20.2	12.2 - 28.2	2,000

-- 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 Riverside County was 610. 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.

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, Riverside County by Prenatal Health Insurance, 2013-2015
Maternal and Infant Health Assessment (MIHA) Survey

	Riverside County			Medi-Cal			Private		
	%	95% CI	N	%	95% CI	N	%	95% CI	N
Total	100		29,700	54.1	50.3 - 58.0	16,100	38.2	34.4 - 42.0	11,300
Health Status before Pregnancy									
In good to excellent health	92.3	89.6 - 94.9	27,300	88.9	84.5 - 93.4	14,200	96.4 *	93.7 - 99.1	10,900
Chronic conditions									
Diabetes†	2.2 *	0.7 - 3.8	700	3.6 *	0.9 - 6.3	600	--		
Hypertension†	2.6	1.3 - 3.9	800	3.4 *	1.4 - 5.5	500	1.8 *	0.1 - 3.6	200
Asthma†	8.2	5.6 - 10.8	2,400	9.2	5.4 - 13.0	1,500	7.3	3.6 - 11.0	800
Nutrition and Weight									
Daily folic acid use, month before pregnancy	33.4	28.6 - 38.2	9,900	22.5	16.5 - 28.5	3,600	49.0	40.9 - 57.0	5,500
Overweight before pregnancy	25.9	21.2 - 30.6	7,400	27.1	20.2 - 33.9	4,100	24.2	17.2 - 31.2	2,700
Obese before pregnancy	25.4	20.9 - 29.9	7,300	27.7	21.1 - 34.3	4,200	24.5	17.6 - 31.4	2,800
Inadequate weight gain during pregnancy	18.8	14.3 - 23.3	4,700	19.2	12.8 - 25.6	2,500	17.0	10.5 - 23.6	1,600
Excessive weight gain during pregnancy	41.0	35.6 - 46.4	10,200	37.1	29.3 - 44.8	4,900	45.9	37.5 - 54.2	4,400
Food insecurity during pregnancy	21.7	17.5 - 26.0	6,400	32.0	25.3 - 38.8	5,100	7.9	3.6 - 12.3	900
Intimate Partner Violence (IPV) and Depressive Symptoms									
Physical or psychological IPV during pregnancy	5.9	3.7 - 8.2	1,800	9.2	5.3 - 13.1	1,500	--		
Prenatal depressive symptoms	13.1	9.8 - 16.4	3,900	16.1	11.2 - 21.0	2,600	10.1	5.2 - 15.0	1,100
Postpartum depressive symptoms	16.0	12.3 - 19.7	4,700	19.9	14.1 - 25.7	3,200	13.3	8.5 - 18.1	1,500
Hardships and Support during Pregnancy									
Experienced two or more hardships during childhood	25.6	21.2 - 30.0	7,400	31.3	24.6 - 38.1	4,900	19.1	13.4 - 24.9	2,100
Homeless or did not have a regular place to sleep	2.9	1.3 - 4.5	900	4.0 *	1.5 - 6.4	600	--		
Moved due to problems paying rent or mortgage	7.9	5.2 - 10.6	2,300	11.4	7.0 - 15.8	1,800	4.2 *	0.9 - 7.5	500
Woman or partner lost job	17.6	13.7 - 21.6	5,200	22.9	16.9 - 28.9	3,600	9.6	4.8 - 14.4	1,100
Woman or partner had pay or hours cut back	10.5	7.6 - 13.4	3,100	13.2	8.7 - 17.8	2,100	7.1	3.6 - 10.7	800
Became separated or divorced	9.4	6.5 - 12.2	2,800	14.6	9.7 - 19.4	2,300	3.1 *	0.7 - 5.5	300
Had no practical or emotional support	3.5	1.7 - 5.2	1,000	3.5 *	1.2 - 5.8	600	3.4 *	0.3 - 6.5	400
Substance Use									
Any smoking, 3 months before pregnancy	10.1	7.1 - 13.0	3,000	13.6	8.7 - 18.5	2,100	6.4	2.9 - 10.0	700
Any smoking, 3rd trimester†	1.9 *	0.6 - 3.1	600	2.6 *	0.6 - 4.7	400	--		
Any smoking, postpartum	4.4	2.3 - 6.4	1,300	5.8	2.5 - 9.0	900	3.0 *	0.2 - 5.7	300
Any binge drinking, 3 months before pregnancy	15.4	11.6 - 19.1	4,500	14.4	9.1 - 19.8	2,300	16.2	10.6 - 21.8	1,800
Any alcohol use, 3rd trimester†	3.0	1.5 - 4.5	900	1.6 *	0.3 - 2.8	200	4.2 *	1.5 - 6.9	500
Pregnancy Intention and Family Planning									
Mistimed or unwanted pregnancy	29.2	24.6 - 33.8	8,600	36.7	29.8 - 43.6	5,800	20.8	14.8 - 26.9	2,400
Unsure of pregnancy intentions	16.1	12.2 - 20.0	4,700	17.2	11.8 - 22.5	2,700	12.3	6.4 - 18.1	1,400
Postpartum birth control use†	80.5	76.5 - 84.6	23,500	80.0	74.3 - 85.7	12,400	82.2	75.9 - 88.5	9,300
Infant Sleep and Breastfeeding									
Placed infant on back to sleep	79.5	75.4 - 83.6	23,000	75.6	69.4 - 81.8	11,700	82.7	76.6 - 88.8	9,200
Infant always or often shared bed	34.8	29.9 - 39.6	10,000	40.7	33.5 - 47.9	6,300	28.7	21.7 - 35.7	3,200
Intended to breastfeed, before birth	94.2	92.1 - 96.3	27,500	95.0	92.5 - 97.6	14,900	95.1 *	92.0 - 98.1	10,600
Intended to breastfeed exclusively, before birth	66.1	61.3 - 70.9	19,300	60.1	53.0 - 67.3	9,400	72.7	65.9 - 79.5	8,100
Breastfeeding practices									
Any breastfeeding, 1 month after delivery	83.1	79.3 - 86.9	23,900	79.4	73.5 - 85.4	12,300	87.7	83.2 - 92.2	9,700
Exclusive breastfeeding, 1 month after delivery	41.8	36.7 - 46.9	11,700	37.9	30.9 - 44.9	5,600	45.3	37.4 - 53.2	5,000
Any breastfeeding, 3 months after delivery	63.2	57.4 - 69.0	14,000	59.4	51.2 - 67.7	7,300	68.2	59.6 - 76.7	5,500
Exclusive breastfeeding, 3 months after delivery	25.9	20.8 - 31.0	5,700	22.2	15.5 - 29.0	2,600	28.8	20.5 - 37.0	2,300

MIHA is a collaborative effort of the Maternal, Child and Adolescent Health Division and the Women, Infants and Children Division in the California Department of Public Health and the Center on Social Disparities in Health at the University of California San Francisco.

MIHA Data Snapshot, Riverside County by Prenatal Health Insurance, 2013-2015
Maternal and Infant Health Assessment (MIHA) Survey

	Riverside 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	67.4	62.7 - 72.1	19,900	55.6	48.4 - 62.9	8,800	84.0	78.5 - 89.6	9,500
Initiated prenatal care in 1st trimester	85.7	82.2 - 89.1	24,700	81.5	76.2 - 86.7	12,700	91.3	86.7 - 95.9	10,000
Mom or infant needed but couldn't afford care postpartum	17.5	13.6 - 21.5	5,100	23.2	17.0 - 29.3	3,700	10.5	5.6 - 15.5	1,200
Participated in WIC during pregnancy†	58.3	54.7 - 61.9	17,000	85.1	80.9 - 89.3	13,600	20.9	14.8 - 27.0	2,300
Received CalFresh (food stamps) during pregnancy	27.1	22.8 - 31.4	8,000	46.5	39.3 - 53.6	7,500	2.9 *	0.3 - 5.6	300
Pre-pregnancy insurance									
Medi-Cal	24.9	20.8 - 29.1	7,400	46.1	39.0 - 53.1	7,300	--		
Uninsured	28.0	23.5 - 32.5	8,300	43.6	36.5 - 50.8	6,900	4.2 *	1.0 - 7.4	500
Private	41.9	37.7 - 46.1	12,400	7.8	3.7 - 11.9	1,200	95.4 *	92.1 - 98.6	10,800
Maternal postpartum insurance									
Medi-Cal	38.8	34.4 - 43.3	11,400	68.6	61.7 - 75.5	10,800	2.4 *	0.7 - 4.0	300
Uninsured	16.1	12.2 - 20.0	4,700	24.7	18.3 - 31.0	3,900	--		
Private	40.4	36.3 - 44.5	11,900	5.4 *	1.7 - 9.0	800	95.2 *	92.2 - 98.2	10,800
Infant health insurance									
Medi-Cal	58.9	54.8 - 63.0	16,900	93.6 *	89.9 - 97.4	14,400	16.8	10.9 - 22.7	1,900
Uninsured	2.8	1.2 - 4.3	800	--			4.1 *	1.2 - 7.1	500
Private	32.8	28.9 - 36.6	9,400	--			78.2	71.8 - 84.7	8,600
Maternal Demographics									
Age									
15-19	6.7	4.2 - 9.2	2,000	10.8	6.4 - 15.2	1,700	1.1 *	0.1 - 2.0	100
20-34	78.3	73.9 - 82.7	23,300	80.4	74.6 - 86.2	12,900	75.4	68.0 - 82.8	8,600
35+	15.0	11.2 - 18.9	4,500	8.8	4.4 - 13.2	1,400	23.5	16.1 - 30.9	2,700
Did not complete high school (or GED)	16.1	12.2 - 20.0	4,700	25.6	19.1 - 32.1	4,000	--		
Unmarried	44.1	39.4 - 48.9	13,000	63.6	56.5 - 70.7	10,100	20.1	14.0 - 26.2	2,300
Race/Ethnicity									
White	27.5	23.2 - 31.8	8,100	17.0	11.7 - 22.4	2,700	43.4	35.5 - 51.2	4,800
Hispanic	59.7	55.1 - 64.2	17,500	72.9	67.2 - 78.7	11,600	40.1	32.4 - 47.9	4,500
Asian/Pacific Islander	6.5	3.6 - 9.4	1,900	2.2 *	0.2 - 4.1	300	12.3	5.7 - 18.8	1,400
Black	5.9	5.1 - 6.7	1,700	7.4	5.9 - 8.9	1,200	3.9	2.6 - 5.1	400
Born outside the U.S.	28.4	23.6 - 33.3	8,500	34.5	27.5 - 41.5	5,500	19.5	12.1 - 27.0	2,200
Speaks non-English language at home	19.2	15.1 - 23.3	5,700	25.7	19.4 - 32.1	4,100	9.9	5.0 - 14.7	1,100
Lives in a high poverty neighborhood	37.7	32.6 - 42.7	10,600	49.8	42.6 - 57.1	7,500	22.8	15.3 - 30.4	2,500
Income as a percent of the Federal Poverty Guideline									
0-100%	44.0	39.3 - 48.7	12,200	73.5	66.9 - 80.1	11,000	6.1 *	2.2 - 10.1	700
101-200%	25.5	20.9 - 30.1	7,100	23.7	17.4 - 30.1	3,500	25.9	18.8 - 32.9	2,800
> 200%	30.5	26.8 - 34.2	8,400	2.8 *	0.1 - 5.4	400	68.0	60.6 - 75.4	7,300

-- 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).

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MIHA Data Snapshot, Riverside County by Race/Ethnicity, 2013-2015
Maternal and Infant Health Assessment (MIHA) Survey

	Riverside County			Hispanic			Black			White			Asian/Pacific Islander		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
Total	100		29,700	59.7	55.1 - 64.2	17,500	5.9	5.1 - 6.7	1,700	27.5	23.2 - 31.8	8,100	6.5	3.6 - 9.4	1,900
Health Status before Pregnancy															
In good to excellent health	92.3	89.6 - 94.9	27,300	89.6	85.5 - 93.7	15,600	91.8	87.1 - 96.6	1,600	--			--		
Chronic conditions															
Diabetes†	2.2 *	0.7 - 3.8	700	2.7 *	0.3 - 5.1	500	--			--			--		
Hypertension†	2.6	1.3 - 3.9	800	2.0 *	0.3 - 3.7	300	9.4 *	2.7 - 16.0	200	2.8 *	0.2 - 5.4	200	--		
Asthma†	8.2	5.6 - 10.8	2,400	6.0	2.7 - 9.3	1,000	12.4	5.6 - 19.2	200	12.7	7.1 - 18.4	1,000	--		
Nutrition and Weight															
Daily folic acid use, month before pregnancy	33.4	28.6 - 38.2	9,900	29.4	23.1 - 35.7	5,100	21.0	12.7 - 29.3	400	40.7	31.6 - 49.7	3,300	53.8	31.4 - 76.1	1,000
Overweight before pregnancy	25.9	21.2 - 30.6	7,400	26.6	20.3 - 33.0	4,400	26.9	17.3 - 36.4	500	20.7	12.9 - 28.5	1,700	36.9 *	13.5 - 60.4	700
Obese before pregnancy	25.4	20.9 - 29.9	7,300	28.6	22.2 - 35.1	4,700	26.2	16.8 - 35.6	400	23.3	15.4 - 31.1	1,900	10.4 *	0.2 - 20.6	200
Inadequate weight gain during pregnancy	18.8	14.3 - 23.3	4,700	22.0	15.5 - 28.5	3,200	11.8 *	4.5 - 19.1	200	12.6	5.9 - 19.3	900	26.4 *	6.7 - 46.2	400
Excessive weight gain during pregnancy	41.0	35.6 - 46.4	10,200	38.1	30.6 - 45.5	5,500	56.6	44.6 - 68.5	800	45.3	35.6 - 55.0	3,200	30.6 *	12.0 - 49.3	500
Food insecurity during pregnancy	21.7	17.5 - 26.0	6,400	24.4	18.3 - 30.4	4,300	19.4	11.3 - 27.6	300	18.9	11.3 - 26.5	1,500	15.4 *	0.3 - 30.5	300
Intimate Partner Violence (IPV) and Depressive Symptoms															
Physical or psychological IPV during pregnancy	5.9	3.7 - 8.2	1,800	5.5	2.5 - 8.4	1,000	12.1	6.0 - 18.1	200	6.3 *	1.3 - 11.3	500	--		
Prenatal depressive symptoms	13.1	9.8 - 16.4	3,900	12.2	7.7 - 16.6	2,100	30.6	21.4 - 39.8	500	13.4	6.7 - 20.1	1,100	--		
Postpartum depressive symptoms	16.0	12.3 - 19.7	4,700	17.9	12.5 - 23.3	3,100	24.2	15.1 - 33.3	400	12.5	6.9 - 18.0	1,000	9.1 *	1.0 - 17.3	200
Hardships and Support during Pregnancy															
Experienced two or more hardships during childhood	25.6	21.2 - 30.0	7,400	25.2	19.1 - 31.3	4,300	31.2	21.9 - 40.5	500	27.1	18.7 - 35.5	2,100	16.2 *	1.0 - 31.4	300
Homeless or did not have a regular place to sleep	2.9	1.3 - 4.5	900	1.5 *	0.2 - 2.8	300	9.9 *	2.9 - 16.9	200	--			--		
Moved due to problems paying rent or mortgage	7.9	5.2 - 10.6	2,300	8.2	4.4 - 12.1	1,400	16.1	7.8 - 24.4	300	6.9 *	2.2 - 11.7	600	--		
Woman or partner lost job	17.6	13.7 - 21.6	5,200	21.2	15.4 - 27.1	3,700	20.1	12.1 - 28.1	300	11.6	5.8 - 17.4	900	--		
Woman or partner had pay or hours cut back	10.5	7.6 - 13.4	3,100	11.1	7.0 - 15.2	1,900	16.5	8.7 - 24.4	300	8.8	4.3 - 13.3	700	--		
Became separated or divorced	9.4	6.5 - 12.2	2,800	8.9	5.2 - 12.5	1,600	18.3	10.3 - 26.3	300	10.3 *	4.0 - 16.6	800	--		
Had no practical or emotional support	3.5	1.7 - 5.2	1,000	2.8 *	0.7 - 4.9	500	6.5 *	0.6 - 12.3	100	--			--		
Substance Use															
Any smoking, 3 months before pregnancy	10.1	7.1 - 13.0	3,000	8.1	4.2 - 12.0	1,400	15.9	8.4 - 23.5	300	15.7	9.1 - 22.2	1,200	--		
Any smoking, 3rd trimester†	1.9 *	0.6 - 3.1	600	--			--			5.4 *	1.3 - 9.5	400	--		
Any smoking, postpartum	4.4	2.3 - 6.4	1,300	2.4 *	0.1 - 4.6	400	6.8 *	2.0 - 11.7	100	9.5 *	3.9 - 15.1	800	--		
Any binge drinking, 3 months before pregnancy	15.4	11.6 - 19.1	4,500	15.1	10.1 - 20.2	2,600	9.7 *	3.1 - 16.3	200	19.8	12.2 - 27.4	1,500	--		
Any alcohol use, 3rd trimester†	3.0	1.5 - 4.5	900	2.3 *	0.5 - 4.1	400	5.2 *	1.4 - 9.1	<100	4.9 *	1.2 - 8.6	400	--		
Pregnancy Intention and Family Planning															
Mistimed or unwanted pregnancy	29.2	24.6 - 33.8	8,600	31.0	24.5 - 37.4	5,400	48.8	38.4 - 59.2	800	23.0	14.9 - 31.1	1,900	20.6 *	4.3 - 36.9	400
Unsure of pregnancy intentions	16.1	12.2 - 20.0	4,700	18.1	12.6 - 23.6	3,200	20.4	12.0 - 28.9	400	12.6	5.7 - 19.5	1,000	--		
Postpartum birth control use†	80.5	76.5 - 84.6	23,500	81.9	76.5 - 87.3	14,100	74.9	65.2 - 84.6	1,300	83.2	75.6 - 90.7	6,700	65.8 *	45.5 - 86.1	1,200
Infant Sleep and Breastfeeding															
Placed infant on back to sleep	79.5	75.4 - 83.6	23,000	84.5	79.4 - 89.5	14,500	57.7	46.7 - 68.6	1,000	77.4	69.0 - 85.7	6,100	63.6 *	41.8 - 85.3	1,100
Infant always or often shared bed	34.8	29.9 - 39.6	10,000	36.1	29.4 - 42.8	6,200	46.8	36.0 - 57.5	800	29.4	20.8 - 37.9	2,300	31.8 *	11.4 - 52.1	500
Intended to breastfeed, before birth	94.2	92.1 - 96.3	27,500	93.9	91.0 - 96.9	16,300	91.3 *	85.9 - 96.7	1,600	94.1 *	90.1 - 98.0	7,500	--		
Intended to breastfeed exclusively, before birth	66.1	61.3 - 70.9	19,300	57.9	51.0 - 64.8	10,100	68.5	58.6 - 78.4	1,200	84.1	77.9 - 90.4	6,700	64.9 *	44.1 - 85.7	1,100
Breastfeeding practices															
Any breastfeeding, 1 month after delivery	83.1	79.3 - 86.9	23,900	83.2	77.8 - 88.5	14,200	76.2	66.9 - 85.4	1,300	81.6	74.9 - 88.4	6,400	--		
Exclusive breastfeeding, 1 month after delivery	41.8	36.7 - 46.9	11,700	37.3	30.6 - 44.0	6,200	36.5	25.9 - 47.1	600	49.6	40.1 - 59.1	3,800	45.6	21.7 - 69.5	700
Any breastfeeding, 3 months after delivery	63.2	57.4 - 69.0	14,000	61.9	54.2 - 69.5	8,400	50.7	38.2 - 63.1	600	64.9	53.7 - 76.1	3,700	--		
Exclusive breastfeeding, 3 months after delivery	25.9	20.8 - 31.0	5,700	20.6	14.4 - 26.8	2,800	20.7	11.3 - 30.1	300	38.4	27.4 - 49.4	2,200	28.7 *	2.6 - 54.7	300

MIHA Data Snapshot, Riverside County by Race/Ethnicity, 2013-2015
Maternal and Infant Health Assessment (MIHA) Survey

	Riverside 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	67.4	62.7 - 72.1	19,900	64.9	58.3 - 71.5	11,300	68.8	58.4 - 79.2	1,200	72.4	63.7 - 81.0	5,800	63.6	43.4 - 83.8	1,200
Initiated prenatal care in 1st trimester	85.7	82.2 - 89.1	24,700	86.6	82.0 - 91.2	14,700	77.4	67.7 - 87.0	1,300	86.0	79.3 - 92.7	6,800	82.1 *	66.2 - 98.0	1,600
Mom or infant needed but couldn't afford care postpartum	17.5	13.6 - 21.5	5,100	18.3	12.9 - 23.8	3,200	11.4	5.8 - 17.0	200	16.6	9.6 - 23.6	1,300	23.1 *	2.9 - 43.3	400
Participated in WIC during pregnancy†	58.3	54.7 - 61.9	17,000	71.1	65.6 - 76.6	12,300	72.7	65.8 - 79.6	1,200	36.0	27.6 - 44.4	2,900	29.8 *	9.9 - 49.8	500
Received CalFresh (food stamps) during pregnancy	27.1	22.8 - 31.4	8,000	30.4	24.0 - 36.8	5,300	51.5	41.7 - 61.4	900	19.6	11.8 - 27.4	1,600	--		
Pre-pregnancy insurance															
Medi-Cal	24.9	20.8 - 29.1	7,400	30.5	24.2 - 36.8	5,300	43.3	33.0 - 53.5	700	14.5	7.7 - 21.3	1,200	--		
Uninsured	28.0	23.5 - 32.5	8,300	33.7	27.0 - 40.3	5,800	26.0	17.0 - 34.9	400	20.9	13.2 - 28.5	1,700	--		
Private	41.9	37.7 - 46.1	12,400	30.0	24.2 - 35.8	5,200	23.6	15.8 - 31.5	400	61.6	52.8 - 70.3	5,000	80.0 *	65.7 - 94.3	1,500
Prenatal insurance															
Medi-Cal	54.1	50.3 - 58.0	16,100	66.2	60.3 - 72.1	11,600	67.8	59.7 - 76.0	1,200	33.7	25.3 - 42.1	2,700	18.0 *	2.5 - 33.6	300
Uninsured	1.7 *	0.4 - 3.0	500	2.0 *	0.2 - 3.9	400	--			--			--		
Private	38.2	34.4 - 42.0	11,300	25.5	20.3 - 30.7	4,500	24.8	17.0 - 32.6	400	60.0	51.4 - 68.7	4,800	71.6 *	53.3 - 90.0	1,400
Maternal postpartum insurance															
Medi-Cal	38.8	34.4 - 43.3	11,400	42.9	36.2 - 49.6	7,400	65.2	56.3 - 74.1	1,100	29.3	21.0 - 37.7	2,300	17.1 *	1.7 - 32.5	300
Uninsured	16.1	12.2 - 20.0	4,700	22.8	16.7 - 28.9	3,900	5.7 *	1.3 - 10.1	<100	7.8 *	2.8 - 12.7	600	--		
Private	40.4	36.3 - 44.5	11,900	29.7	23.9 - 35.6	5,100	23.0	15.6 - 30.4	400	59.1	50.2 - 67.9	4,700	71.6 *	53.3 - 90.0	1,400
Infant health insurance															
Medi-Cal	58.9	54.8 - 63.0	16,900	70.9	65.0 - 76.8	12,100	73.7	65.9 - 81.6	1,200	35.5	26.7 - 44.3	2,800	34.1 *	11.9 - 56.2	600
Uninsured	2.8	1.2 - 4.3	800	2.9 *	0.7 - 5.0	500	--			--			--		
Private	32.8	28.9 - 36.6	9,400	20.4	15.4 - 25.4	3,500	21.3	14.1 - 28.5	400	56.4	47.4 - 65.4	4,400	56.2	32.9 - 79.5	900
Maternal Demographics															
Age															
15-19	6.7	4.2 - 9.2	2,000	9.7	5.7 - 13.8	1,700	5.9 *	0.7 - 11.2	100	--			--		
20-34	78.3	73.9 - 82.7	23,300	77.0	71.0 - 83.0	13,500	77.6	68.8 - 86.4	1,400	83.1	75.2 - 90.9	6,700	64.9 *	43.8 - 85.9	1,200
35+	15.0	11.2 - 18.9	4,500	13.2	8.2 - 18.3	2,300	16.5	8.9 - 24.0	300	15.4	7.8 - 23.0	1,200	32.2 *	11.6 - 52.8	600
Did not complete high school (or GED)	16.1	12.2 - 20.0	4,700	21.4	15.5 - 27.4	3,700	12.8 *	4.7 - 20.8	200	7.6 *	2.5 - 12.7	600	--		
Unmarried	44.1	39.4 - 48.9	13,000	50.6	43.7 - 57.5	8,800	76.6	68.8 - 84.3	1,300	31.8	22.9 - 40.7	2,600	--		
Born outside the U.S.	28.4	23.6 - 33.3	8,500	36.6	29.8 - 43.4	6,400	5.2 *	0.2 - 10.1	<100	4.2 *	0.4 - 8.1	300	77.3 *	60.9 - 93.7	1,500
Speaks non-English language at home	19.2	15.1 - 23.3	5,700	28.0	21.8 - 34.2	4,900	--			--			39.3	17.9 - 60.8	800
Lives in a high poverty neighborhood	37.7	32.6 - 42.7	10,600	46.3	39.2 - 53.4	7,600	38.6	28.2 - 48.9	700	24.0	14.9 - 33.2	1,900	--		
Income as a percent of the Federal Poverty Guideline															
0-100%	44.0	39.3 - 48.7	12,200	54.9	48.0 - 61.9	8,800	57.4	47.8 - 67.1	1,000	25.3	17.0 - 33.7	2,000	18.2 *	1.7 - 34.7	300
101-200%	25.5	20.9 - 30.1	7,100	29.1	22.5 - 35.7	4,700	20.1	11.4 - 28.8	300	22.4	14.7 - 30.1	1,800	15.7 *	2.5 - 28.9	300
> 200%	30.5	26.8 - 34.2	8,400	15.9	11.5 - 20.3	2,600	22.4	15.3 - 29.5	400	52.3	43.3 - 61.3	4,100	66.1 *	45.5 - 86.6	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 Riverside County was 610. 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, Riverside County by Total Live Births, 2013-2015
Maternal and Infant Health Assessment (MIHA) Survey

	Riverside County			First Live Birth			Second Live Birth or More		
	%	95% CI	N	%	95% CI	N	%	95% CI	N
Total	100		29,700	35.4	30.4 - 40.3	10,500	64.6	59.7 - 69.6	19,200
Health Status before Pregnancy									
In good to excellent health	92.3	89.6 - 94.9	27,300	90.8	86.2 - 95.3	9,500	93.1	89.9 - 96.4	17,800
Chronic conditions									
Diabetes†	2.2 *	0.7 - 3.8	700	3.7 *	0.6 - 6.8	400	--		
Hypertension†	2.6	1.3 - 3.9	800	3.1 *	0.7 - 5.5	300	2.3 *	0.7 - 3.8	400
Asthma†	8.2	5.6 - 10.8	2,400	9.6	5.4 - 13.9	1,000	7.4	4.1 - 10.6	1,400
Nutrition and Weight									
Daily folic acid use, month before pregnancy	33.4	28.6 - 38.2	9,900	37.6	29.2 - 46.0	4,000	31.1	25.2 - 37.0	6,000
Overweight before pregnancy	25.9	21.2 - 30.6	7,400	22.9	15.8 - 30.0	2,300	27.5	21.5 - 33.6	5,100
Obese before pregnancy	25.4	20.9 - 29.9	7,300	15.4	9.4 - 21.3	1,600	30.9	24.9 - 36.9	5,700
Inadequate weight gain during pregnancy	18.8	14.3 - 23.3	4,700	14.2	7.7 - 20.7	1,300	21.4	15.5 - 27.3	3,400
Excessive weight gain during pregnancy	41.0	35.6 - 46.4	10,200	47.6	38.3 - 56.9	4,300	37.3	30.7 - 43.9	6,000
Food insecurity during pregnancy	21.7	17.5 - 26.0	6,400	20.7	13.8 - 27.6	2,200	22.3	16.8 - 27.7	4,300
Intimate Partner Violence (IPV) and Depressive Symptoms									
Physical or psychological IPV during pregnancy	5.9	3.7 - 8.2	1,800	5.9 *	2.1 - 9.7	600	6.0	3.2 - 8.8	1,100
Prenatal depressive symptoms	13.1	9.8 - 16.4	3,900	9.6	4.5 - 14.8	1,000	15.1	10.8 - 19.3	2,900
Postpartum depressive symptoms	16.0	12.3 - 19.7	4,700	9.9	5.5 - 14.4	1,000	19.3	14.3 - 24.4	3,700
Hardships and Support during Pregnancy									
Experienced two or more hardships during childhood	25.6	21.2 - 30.0	7,400	19.4	13.2 - 25.5	2,000	29.0	23.1 - 34.8	5,400
Homeless or did not have a regular place to sleep	2.9	1.3 - 4.5	900	4.7 *	0.9 - 8.5	500	1.9 *	0.7 - 3.2	400
Moved due to problems paying rent or mortgage	7.9	5.2 - 10.6	2,300	6.8 *	2.3 - 11.4	700	8.4	5.0 - 11.8	1,600
Woman or partner lost job	17.6	13.7 - 21.6	5,200	14.5	8.3 - 20.6	1,500	19.4	14.2 - 24.5	3,700
Woman or partner had pay or hours cut back	10.5	7.6 - 13.4	3,100	10.3	5.7 - 14.9	1,100	10.6	7.0 - 14.3	2,000
Became separated or divorced	9.4	6.5 - 12.2	2,800	9.8	5.4 - 14.1	1,000	9.1	5.5 - 12.8	1,800
Had no practical or emotional support	3.5	1.7 - 5.2	1,000	--			4.9	2.2 - 7.6	900
Substance Use									
Any smoking, 3 months before pregnancy	10.1	7.1 - 13.0	3,000	10.0	5.2 - 14.7	1,000	10.1	6.3 - 13.9	1,900
Any smoking, 3rd trimester†	1.9 *	0.6 - 3.1	600	--			2.1 *	0.5 - 3.8	400
Any smoking, postpartum	4.4	2.3 - 6.4	1,300	2.3 *	0.2 - 4.3	200	5.5	2.6 - 8.4	1,100
Any binge drinking, 3 months before pregnancy	15.4	11.6 - 19.1	4,500	21.3	14.3 - 28.3	2,100	12.2	7.9 - 16.5	2,300
Any alcohol use, 3rd trimester†	3.0	1.5 - 4.5	900	1.7 *	0.1 - 3.4	200	3.7	1.6 - 5.7	700
Pregnancy Intention and Family Planning									
Mistimed or unwanted pregnancy	29.2	24.6 - 33.8	8,600	33.1	24.9 - 41.3	3,500	27.0	21.5 - 32.5	5,100
Unsure of pregnancy intentions	16.1	12.2 - 20.0	4,700	14.6	8.3 - 20.8	1,500	17.0	12.0 - 21.9	3,200
Postpartum birth control use†	80.5	76.5 - 84.6	23,500	78.6	71.5 - 85.6	8,100	81.6	76.7 - 86.5	15,400
Infant Sleep and Breastfeeding									
Placed infant on back to sleep	79.5	75.4 - 83.6	23,000	76.7	69.3 - 84.1	7,800	81.0	76.0 - 86.0	15,200
Infant always or often shared bed	34.8	29.9 - 39.6	10,000	36.6	28.3 - 44.9	3,700	33.8	27.7 - 39.8	6,300
Intended to breastfeed, before birth	94.2	92.1 - 96.3	27,500	96.5 *	93.9 - 99.0	9,800	93.1	90.1 - 96.0	17,700
Intended to breastfeed exclusively, before birth	66.1	61.3 - 70.9	19,300	71.8	63.9 - 79.6	7,300	63.1	56.9 - 69.2	12,000
Breastfeeding practices									
Any breastfeeding, 1 month after delivery	83.1	79.3 - 86.9	23,900	84.3	78.8 - 89.8	8,600	82.4	77.4 - 87.4	15,300
Exclusive breastfeeding, 1 month after delivery	41.8	36.7 - 46.9	11,700	40.5	31.9 - 49.2	4,000	42.5	36.2 - 48.8	7,700
Any breastfeeding, 3 months after delivery	63.2	57.4 - 69.0	14,000	58.8	48.8 - 68.7	4,600	65.6	58.5 - 72.6	9,400
Exclusive breastfeeding, 3 months after delivery	25.9	20.8 - 31.0	5,700	26.5	17.4 - 35.6	2,000	25.6	19.6 - 31.7	3,600

MIHA is a collaborative effort of the Maternal, Child and Adolescent Health Division and the Women, Infants and Children Division in the California Department of Public Health and the Center on Social Disparities in Health at the University of California San Francisco.

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Maternal and Infant Health Assessment (MIHA) Survey

	Riverside 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	67.4	62.7 - 72.1	19,900	60.0	51.6 - 68.4	6,300	71.5	65.8 - 77.2	13,700
Initiated prenatal care in 1st trimester	85.7	82.2 - 89.1	24,700	85.9	80.1 - 91.7	8,800	85.5	81.2 - 89.9	15,900
Mom or infant needed but couldn't afford care postpartum	17.5	13.6 - 21.5	5,100	17.0	10.6 - 23.4	1,700	17.8	12.7 - 22.9	3,400
Participated in WIC during pregnancy†	58.3	54.7 - 61.9	17,000	54.8	46.9 - 62.8	5,700	60.2	55.1 - 65.3	11,300
Received CalFresh (food stamps) during pregnancy	27.1	22.8 - 31.4	8,000	19.6	12.7 - 26.5	2,100	31.2	25.5 - 36.9	6,000
Pre-pregnancy insurance									
Medi-Cal	24.9	20.8 - 29.1	7,400	12.5	6.5 - 18.5	1,300	31.8	26.3 - 37.4	6,000
Uninsured	28.0	23.5 - 32.5	8,300	32.5	24.7 - 40.3	3,400	25.6	19.8 - 31.3	4,900
Private	41.9	37.7 - 46.1	12,400	48.7	40.5 - 57.0	5,100	38.1	32.7 - 43.5	7,200
Prenatal insurance									
Medi-Cal	54.1	50.3 - 58.0	16,100	47.2	39.1 - 55.3	5,000	57.9	52.7 - 63.1	11,100
Uninsured	1.7 *	0.4 - 3.0	500	--			2.6 *	0.6 - 4.5	500
Private	38.2	34.4 - 42.0	11,300	45.8	37.8 - 53.8	4,800	34.0	29.0 - 39.1	6,500
Maternal postpartum insurance									
Medi-Cal	38.8	34.4 - 43.3	11,400	33.2	25.4 - 41.1	3,500	41.9	36.1 - 47.8	8,000
Uninsured	16.1	12.2 - 20.0	4,700	14.4	8.2 - 20.6	1,500	17.1	11.9 - 22.2	3,200
Private	40.4	36.3 - 44.5	11,900	45.4	37.2 - 53.6	4,700	37.6	32.2 - 43.0	7,100
Infant health insurance									
Medi-Cal	58.9	54.8 - 63.0	16,900	52.0	43.7 - 60.2	5,300	62.7	57.3 - 68.1	11,600
Uninsured	2.8	1.2 - 4.3	800	3.2 *	0.3 - 6.0	300	2.5 *	0.7 - 4.4	500
Private	32.8	28.9 - 36.6	9,400	38.4	30.5 - 46.4	3,900	29.7	24.6 - 34.7	5,500
Maternal Demographics									
Age									
15-19	6.7	4.2 - 9.2	2,000	16.4	10.0 - 22.8	1,700	1.4 *	0.1 - 2.7	300
20-34	78.3	73.9 - 82.7	23,300	75.8	68.0 - 83.5	8,000	79.6	74.3 - 84.9	15,300
35+	15.0	11.2 - 18.9	4,500	7.8 *	2.6 - 13.0	800	19.0	13.8 - 24.2	3,700
Did not complete high school (or GED)	16.1	12.2 - 20.0	4,700	16.9	9.6 - 24.2	1,800	15.6	11.0 - 20.2	2,900
Unmarried	44.1	39.4 - 48.9	13,000	56.4	48.1 - 64.6	5,900	37.4	31.4 - 43.3	7,100
Race/Ethnicity									
White	27.5	23.2 - 31.8	8,100	30.2	22.2 - 38.2	3,200	26.0	20.9 - 31.2	4,900
Hispanic	59.7	55.1 - 64.2	17,500	56.2	47.8 - 64.5	5,900	61.6	55.9 - 67.3	11,600
Asian/Pacific Islander	6.5	3.6 - 9.4	1,900	6.3 *	1.5 - 11.0	700	6.6	3.0 - 10.2	1,300
Black	5.9	5.1 - 6.7	1,700	7.1	4.9 - 9.3	700	5.3	4.2 - 6.4	1,000
Born outside the U.S.	28.4	23.6 - 33.3	8,500	19.8	12.7 - 27.0	2,100	33.2	26.8 - 39.5	6,400
Speaks non-English language at home	19.2	15.1 - 23.3	5,700	12.9	7.5 - 18.3	1,400	22.7	17.1 - 28.2	4,300
Lives in a high poverty neighborhood	37.7	32.6 - 42.7	10,600	38.7	29.7 - 47.6	3,800	37.1	30.9 - 43.4	6,800
Income as a percent of the Federal Poverty Guideline									
0-100%	44.0	39.3 - 48.7	12,200	38.8	30.2 - 47.3	3,800	46.8	40.8 - 52.9	8,400
101-200%	25.5	20.9 - 30.1	7,100	26.3	18.6 - 34.0	2,600	25.1	19.4 - 30.8	4,500
> 200%	30.5	26.8 - 34.2	8,400	34.9	27.0 - 42.9	3,400	28.1	23.2 - 33.0	5,000

-- 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.

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