



MIHA Data Snapshot, Los Angeles County by Education, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Los Angeles 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		125,600	21.7	18.6 - 24.7	27,000	18.2	15.3 - 21.1	22,700	27.5	24.1 - 30.8	34,300	32.7	29.6 - 35.7	40,700
Health Status before Pregnancy															
In good to excellent health	91.8	89.6 - 93.9	115,100	84.9	78.9 - 90.9	23,000	84.4	77.2 - 91.5	19,000	93.2	89.3 - 97.0	31,900	--		
Chronic conditions															
Diabetes†	2.6	1.4 - 3.8	3,200	5.3 *	1.5 - 9.1	1,400	--			--			2.0 *	0.3 - 3.7	800
Hypertension†	2.5	1.5 - 3.5	3,000	2.2 *	0.3 - 4.2	600	2.6 *	0.4 - 4.8	600	1.5 *	0.3 - 2.8	500	3.5 *	1.1 - 6.0	1,400
Asthma†	6.9	5.1 - 8.8	8,500	7.5 *	2.7 - 12.3	1,900	6.6	2.8 - 10.4	1,400	7.3	3.7 - 10.9	2,500	6.4	3.6 - 9.2	2,600
Nutrition and Weight															
Daily folic acid use, month before pregnancy	31.4	28.0 - 34.8	39,400	19.0	12.4 - 25.6	5,100	21.8	13.8 - 29.7	4,900	31.1	24.2 - 37.9	10,600	45.4	39.1 - 51.8	18,500
Overweight before pregnancy	24.9	21.5 - 28.2	29,500	32.5	23.6 - 41.4	7,300	28.1	19.5 - 36.8	6,100	25.1	18.9 - 31.3	8,500	18.9	13.9 - 23.9	7,500
Obese before pregnancy	19.2	16.1 - 22.3	22,700	28.8	20.2 - 37.4	6,500	25.4	17.0 - 33.8	5,500	22.3	16.1 - 28.4	7,500	7.9	4.8 - 11.1	3,200
Inadequate weight gain during pregnancy	20.7	17.2 - 24.2	21,800	18.8	11.3 - 26.3	3,800	28.2	18.7 - 37.8	5,200	21.0	14.3 - 27.6	6,200	17.0	11.9 - 22.2	6,300
Excessive weight gain during pregnancy	37.6	33.6 - 41.7	39,700	30.6	21.5 - 39.7	6,100	38.0	28.0 - 48.1	7,000	44.5	36.6 - 52.4	13,100	36.2	29.8 - 42.7	13,300
Food insecurity during pregnancy	16.2	13.3 - 19.0	19,900	26.1	18.4 - 33.8	6,800	18.8	11.4 - 26.3	4,200	16.9	11.4 - 22.3	5,700	7.7	4.2 - 11.2	3,100
Intimate Partner Violence (IPV) and Depressive Symptoms															
Physical or psychological IPV during pregnancy	6.4	4.6 - 8.2	8,000	7.8	3.5 - 12.2	2,100	9.2	4.2 - 14.1	2,100	7.2	3.5 - 10.9	2,500	3.3 *	1.2 - 5.4	1,300
Prenatal depressive symptoms	13.9	11.2 - 16.5	17,400	23.4	16.1 - 30.6	6,300	15.0	8.4 - 21.6	3,400	11.1	6.6 - 15.5	3,800	9.5	5.7 - 13.4	3,800
Postpartum depressive symptoms	13.6	11.0 - 16.2	17,000	18.3	11.4 - 25.2	4,900	12.1	5.9 - 18.2	2,700	13.2	8.5 - 17.8	4,500	11.8	7.6 - 15.9	4,800
Hardships and Support during Pregnancy															
Experienced two or more hardships during childhood	21.8	18.6 - 24.9	26,700	32.5	24.3 - 40.7	8,400	27.6	19.2 - 35.9	6,100	26.5	20.0 - 32.9	8,800	8.2	4.9 - 11.4	3,300
Homeless or did not have a regular place to sleep	2.6	1.4 - 3.8	3,300	4.7 *	1.1 - 8.2	1,200	4.3 *	0.4 - 8.3	1,000	1.6 *	0.2 - 3.0	600	--		
Moved due to problems paying rent or mortgage	6.1	4.3 - 8.0	7,600	14.6	8.3 - 20.9	3,900	4.8 *	1.2 - 8.4	1,100	5.1 *	2.0 - 8.2	1,700	2.3 *	0.5 - 4.1	900
Woman or partner lost job	16.2	13.4 - 19.0	20,100	24.9	17.3 - 32.5	6,500	22.3	14.4 - 30.1	4,900	12.7	8.0 - 17.5	4,400	10.6	6.8 - 14.4	4,300
Woman or partner had pay or hours cut back	9.6	7.4 - 11.8	11,800	13.0	7.0 - 19.1	3,400	9.7	4.3 - 15.1	2,100	10.6	6.3 - 14.9	3,600	6.6	3.5 - 9.8	2,700
Became separated or divorced	7.6	5.7 - 9.6	9,500	10.7	5.6 - 15.8	2,800	9.6	4.4 - 14.9	2,100	8.9	4.7 - 13.1	3,100	3.6 *	1.3 - 6.0	1,500
Had no practical or emotional support	6.0	4.2 - 7.9	7,600	11.7	5.8 - 17.6	3,200	6.8 *	2.5 - 11.1	1,500	4.3 *	1.5 - 7.2	1,500	3.4 *	0.9 - 5.8	1,400
Substance Use															
Any smoking, 3 months before pregnancy	10.4	8.1 - 12.7	13,000	10.5	5.4 - 15.7	2,800	14.1	7.4 - 20.8	3,200	11.8	7.0 - 16.6	4,000	6.9	3.7 - 10.1	2,800
Any smoking, 3rd trimester†	2.4	1.1 - 3.7	3,000	--			3.9 *	0.2 - 7.6	900	3.5 *	0.6 - 6.4	1,200	--		
Any smoking, postpartum	4.1	2.6 - 5.7	5,200	4.5 *	1.2 - 7.8	1,200	8.4 *	3.0 - 13.9	1,900	3.3 *	0.6 - 6.0	1,100	2.3 *	0.3 - 4.3	900
Any binge drinking, 3 months before pregnancy	13.3	10.7 - 15.9	16,600	9.5	4.2 - 14.7	2,500	10.5	4.9 - 16.0	2,400	16.6	10.9 - 22.3	5,600	14.9	10.5 - 19.2	6,000
Any alcohol use, 3rd trimester†	6.9	5.0 - 8.7	8,600	4.2 *	0.6 - 7.9	1,100	3.3 *	0.4 - 6.1	700	5.1 *	1.7 - 8.5	1,700	12.2	8.2 - 16.3	5,000
Pregnancy Intention and Family Planning															
Mistimed or unwanted pregnancy	33.1	29.5 - 36.6	41,200	45.1	36.4 - 53.8	12,200	35.1	26.2 - 44.0	8,000	36.6	29.4 - 43.7	12,400	20.9	15.6 - 26.2	8,400
Unsure of pregnancy intentions	11.3	9.0 - 13.6	14,100	14.3	8.4 - 20.2	3,800	11.2	6.1 - 16.2	2,500	14.1	9.2 - 19.1	4,800	7.1	3.9 - 10.3	2,900
Postpartum birth control use†	78.8	75.8 - 81.9	96,500	83.6	77.5 - 89.7	21,600	81.5	74.8 - 88.1	18,500	79.6	74.0 - 85.3	27,000	73.4	67.4 - 79.4	28,800
Infant Sleep and Breastfeeding															
Placed infant on back to sleep	76.6	73.3 - 79.9	93,800	67.2	58.8 - 75.5	18,000	70.5	62.0 - 79.1	15,200	77.1	70.8 - 83.5	26,300	85.8	81.5 - 90.1	34,100
Infant always or often shared bed	32.5	28.9 - 36.1	39,700	34.8	26.6 - 43.0	9,200	28.9	20.7 - 37.1	6,200	36.9	29.8 - 44.0	12,500	29.5	23.6 - 35.5	11,700
Intended to breastfeed, before birth	92.2	90.1 - 94.2	112,300	94.1 *	90.0 - 98.2	24,600	84.2	77.6 - 90.8	18,000	92.8	88.9 - 96.8	31,600	94.9	92.0 - 97.9	37,700
Intended to breastfeed exclusively, before birth	61.6	57.9 - 65.3	75,000	51.3	42.5 - 60.0	13,400	48.5	39.0 - 57.9	10,400	62.5	55.4 - 69.6	21,300	75.2	69.5 - 80.9	29,900
Breastfeeding practices															
Any breastfeeding, 1 month after delivery	81.8	78.8 - 84.8	99,700	80.7	73.9 - 87.5	21,600	69.2	60.6 - 77.8	14,700	82.4	76.8 - 88.1	27,700	88.6	84.5 - 92.8	35,400
Exclusive breastfeeding, 1 month after delivery	37.4	33.7 - 41.2	45,200	38.0	29.6 - 46.4	10,000	26.1	17.8 - 34.4	5,500	38.2	31.0 - 45.5	12,700	42.4	36.0 - 48.9	16,800
Any breastfeeding, 3 months after delivery	62.5	58.3 - 66.7	61,900	60.6	51.3 - 69.9	14,100	43.3	32.9 - 53.7	8,000	60.1	51.8 - 68.4	16,100	77.5	71.3 - 83.7	23,400
Exclusive breastfeeding, 3 months after delivery	23.0	19.5 - 26.6	22,700	18.1	11.0 - 25.2	4,200	11.7 *	4.8 - 18.7	2,100	26.5	19.2 - 33.7	7,100	31.0	24.2 - 37.8	9,300



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Maternal and Infant Health Assessment (MIHA) Survey

	Los Angeles 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	67.9	64.3 - 71.5	84,900	55.3	46.7 - 63.9	15,000	62.3	53.1 - 71.4	14,000	66.5	59.4 - 73.6	22,700	80.6	75.2 - 86.0	32,700
Initiated prenatal care in 1st trimester	91.2	89.0 - 93.3	112,700	83.0	76.4 - 89.6	21,500	87.1	81.0 - 93.3	19,700	92.4	88.7 - 96.1	31,400	97.5 *	95.6 - 99.3	39,200
Mom or infant needed but couldn't afford care postpartum	12.6	9.9 - 15.2	15,100	17.5	10.9 - 24.1	4,600	17.3	9.8 - 24.8	3,600	13.2	8.1 - 18.3	4,400	5.9	2.6 - 9.2	2,300
Participated in WIC during pregnancy†	60.4	57.8 - 63.1	74,000	95.1 *	91.1 - 99.0	25,300	88.7	82.8 - 94.5	19,800	58.8	51.8 - 65.9	19,800	22.3	17.2 - 27.5	8,800
Received CalFresh (food stamps) during pregnancy	24.6	21.5 - 27.8	30,600	45.3	36.6 - 53.9	12,000	38.6	29.7 - 47.5	8,600	25.1	19.0 - 31.3	8,600	3.2 *	1.2 - 5.2	1,300
Pre-pregnancy insurance															
Medi-Cal	28.6	25.4 - 31.8	35,800	55.8	47.2 - 64.3	15,100	39.2	30.3 - 48.1	8,800	25.8	19.7 - 31.8	8,800	6.1	3.1 - 9.0	2,500
Uninsured	25.2	22.0 - 28.4	31,600	34.5	26.3 - 42.8	9,300	42.5	33.3 - 51.8	9,600	24.9	18.4 - 31.4	8,500	10.2	6.0 - 14.4	4,200
Private	44.2	41.3 - 47.1	55,400	9.3	4.3 - 14.3	2,500	16.7	9.7 - 23.7	3,800	45.9	38.8 - 53.0	15,700	81.6	76.6 - 86.6	33,200
Prenatal insurance															
Medi-Cal	53.9	51.0 - 56.8	67,500	90.7	85.6 - 95.8	24,400	82.7	75.5 - 89.8	18,800	52.1	45.0 - 59.2	17,800	14.3	9.9 - 18.7	5,800
Uninsured	1.5 *	0.5 - 2.4	1,800	--			--			--			--		
Private	42.0	39.2 - 44.8	52,600	7.1 *	2.6 - 11.6	1,900	12.6	6.4 - 18.7	2,900	42.1	35.1 - 49.2	14,400	81.9	77.0 - 86.7	33,200
Maternal postpartum insurance															
Medi-Cal	40.8	37.5 - 44.1	50,700	67.8	59.7 - 75.9	18,000	63.9	54.8 - 73.1	14,100	42.1	35.2 - 49.1	14,400	9.2	5.7 - 12.8	3,800
Uninsured	15.2	12.4 - 18.0	18,900	24.5	17.1 - 32.0	6,500	24.5	16.1 - 32.9	5,400	12.7	7.6 - 17.8	4,300	6.3	3.0 - 9.7	2,600
Private	42.3	39.5 - 45.2	52,600	6.1 *	2.1 - 10.2	1,600	9.7	4.3 - 15.1	2,100	42.3	35.1 - 49.4	14,500	83.9	79.2 - 88.5	34,200
Infant health insurance															
Medi-Cal	56.6	53.6 - 59.6	69,400	87.7	82.1 - 93.3	23,500	84.6	77.9 - 91.2	18,200	60.1	53.0 - 67.2	20,500	17.3	12.5 - 22.2	6,900
Uninsured	3.7	2.2 - 5.1	4,500	6.9 *	2.6 - 11.2	1,900	5.4 *	0.8 - 10.0	1,200	2.5 *	0.3 - 4.6	800	--		
Private	37.8	35.0 - 40.6	46,400	4.3 *	1.0 - 7.6	1,200	8.1	3.5 - 12.7	1,700	34.7	27.8 - 41.6	11,800	79.2	74.0 - 84.3	31,600
Maternal Demographics															
Unmarried	43.9	40.4 - 47.4	54,700	67.7	59.6 - 75.9	18,300	63.0	53.9 - 72.2	14,200	47.8	40.6 - 55.1	16,300	14.4	9.9 - 18.8	5,800
Race/Ethnicity															
White	18.7	16.0 - 21.4	23,300	--			12.4	5.8 - 18.9	2,700	18.4	12.4 - 24.3	6,300	33.8	28.0 - 39.5	13,600
Hispanic	57.0	53.8 - 60.2	70,900	92.0	88.1 - 95.9	24,800	72.4	64.2 - 80.5	16,100	56.1	49.0 - 63.3	19,200	25.6	20.1 - 31.0	10,300
Asian/Pacific Islander	16.5	13.6 - 19.4	20,500	--			6.0 *	1.1 - 10.9	1,300	12.1	7.0 - 17.2	4,100	35.9	29.4 - 42.5	14,400
Black	7.4	6.6 - 8.2	9,200	3.7	1.9 - 5.6	1,000	9.1	5.4 - 12.8	2,000	12.1	9.0 - 15.2	4,100	4.7	3.2 - 6.1	1,900
Born outside the U.S.	44.1	40.3 - 48.0	55,400	54.0	45.4 - 62.6	14,600	45.9	36.6 - 55.2	10,400	33.9	26.7 - 41.1	11,600	45.1	38.6 - 51.6	18,400
Speaks non-English language at home	36.5	32.7 - 40.2	45,000	46.6	38.0 - 55.2	12,600	43.0	33.7 - 52.4	9,500	24.9	18.3 - 31.4	8,500	35.6	29.2 - 42.1	14,200
Lives in a high poverty neighborhood	47.6	44.0 - 51.2	57,900	69.7	61.6 - 77.8	17,900	60.5	51.3 - 69.8	13,200	51.3	44.0 - 58.6	17,000	22.7	17.1 - 28.2	9,100
Income as a percent of the Federal Poverty Guideline															
0-100%	44.0	40.7 - 47.3	50,800	84.3	77.5 - 91.0	18,500	69.7	60.8 - 78.6	14,800	40.6	33.4 - 47.7	13,200	10.8	6.6 - 15.0	4,300
101-200%	22.0	18.7 - 25.3	25,400	13.7	7.2 - 20.2	3,000	25.2	16.7 - 33.7	5,300	34.1	27.1 - 41.0	11,100	14.7	10.1 - 19.2	5,800
> 200%	34.0	31.2 - 36.8	39,200	--			5.1 *	0.8 - 9.3	1,100	25.4	18.9 - 31.8	8,200	74.5	69.0 - 80.0	29,400

-- 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 Los Angeles County was 920. 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, Los Angeles County by Geographical Area, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Los Angeles County			Urban			Rural/Frontier		
	%	95% CI	N	%	95% CI	N	%	95% CI	N
Total	100		125,600	98.8 *	98.0 - 99.7	120,200	1.2 *	0.3 - 2.0	1,400
Health Status before Pregnancy									
In good to excellent health	91.8	89.6 - 93.9	115,100	91.5	89.2 - 93.7	109,700	--		
Chronic conditions									
Diabetes†	2.6	1.4 - 3.8	3,200	2.7	1.4 - 4.0	3,200	--		
Hypertension†	2.5	1.5 - 3.5	3,000	2.6	1.5 - 3.6	3,000	--		
Asthma†	6.9	5.1 - 8.8	8,500	7.0	5.1 - 8.9	8,200	--		
Nutrition and Weight									
Daily folic acid use, month before pregnancy	31.4	28.0 - 34.8	39,400	31.8	28.3 - 35.4	38,200	--		
Overweight before pregnancy	24.9	21.5 - 28.2	29,500	24.7	21.3 - 28.2	28,000	--		
Obese before pregnancy	19.2	16.1 - 22.3	22,700	19.7	16.5 - 22.9	22,300	--		
Inadequate weight gain during pregnancy	20.7	17.2 - 24.2	21,800	20.7	17.2 - 24.3	20,900	--		
Excessive weight gain during pregnancy	37.6	33.6 - 41.7	39,700	38.0	33.9 - 42.1	38,300	35.3 *	2.4 - 68.1	500
Food insecurity during pregnancy	16.2	13.3 - 19.0	19,900	16.1	13.2 - 18.9	19,000	--		
Intimate Partner Violence (IPV) and Depressive Symptoms									
Physical or psychological IPV during pregnancy	6.4	4.6 - 8.2	8,000	6.2	4.4 - 8.0	7,500	--		
Prenatal depressive symptoms	13.9	11.2 - 16.5	17,400	13.9	11.2 - 16.6	16,600	--		
Postpartum depressive symptoms	13.6	11.0 - 16.2	17,000	13.6	10.9 - 16.2	16,200	--		
Hardships and Support during Pregnancy									
Experienced two or more hardships during childhood	21.8	18.6 - 24.9	26,700	21.9	18.7 - 25.2	25,800	--		
Homeless or did not have a regular place to sleep	2.6	1.4 - 3.8	3,300	2.6	1.4 - 3.8	3,100	--		
Moved due to problems paying rent or mortgage	6.1	4.3 - 8.0	7,600	6.3	4.4 - 8.2	7,500	--		
Woman or partner lost job	16.2	13.4 - 19.0	20,100	15.8	12.9 - 18.6	18,600	--		
Woman or partner had pay or hours cut back	9.6	7.4 - 11.8	11,800	9.2	7.0 - 11.5	10,900	--		
Became separated or divorced	7.6	5.7 - 9.6	9,500	7.9	5.8 - 9.9	9,300	--		
Had no practical or emotional support	6.0	4.2 - 7.9	7,600	6.2	4.3 - 8.2	7,500	--		
Substance Use									
Any smoking, 3 months before pregnancy	10.4	8.1 - 12.7	13,000	10.5	8.1 - 12.9	12,600	--		
Any smoking, 3rd trimester†	2.4	1.1 - 3.7	3,000	2.5	1.2 - 3.8	3,000	--		
Any smoking, postpartum	4.1	2.6 - 5.7	5,200	4.2	2.6 - 5.8	5,000	--		
Any binge drinking, 3 months before pregnancy	13.3	10.7 - 15.9	16,600	13.5	10.9 - 16.2	16,100	--		
Any alcohol use, 3rd trimester†	6.9	5.0 - 8.7	8,600	6.9	5.0 - 8.8	8,300	--		
Pregnancy Intention and Family Planning									
Mistimed or unwanted pregnancy	33.1	29.5 - 36.6	41,200	33.2	29.5 - 36.8	39,500	--		
Unsure of pregnancy intentions	11.3	9.0 - 13.6	14,100	11.1	8.7 - 13.4	13,200	--		
Postpartum birth control use†	78.8	75.8 - 81.9	96,500	78.8	75.6 - 81.9	92,200	58.7 *	24.4 - 93.0	800
Infant Sleep and Breastfeeding									
Placed infant on back to sleep	76.6	73.3 - 79.9	93,800	76.5	73.1 - 79.9	89,600	--		
Infant always or often shared bed	32.5	28.9 - 36.1	39,700	32.4	28.8 - 36.1	37,800	--		
Intended to breastfeed, before birth	92.2	90.1 - 94.2	112,300	92.0	89.9 - 94.2	107,100	--		
Intended to breastfeed exclusively, before birth	61.6	57.9 - 65.3	75,000	61.4	57.5 - 65.2	71,400	--		
Breastfeeding practices									
Any breastfeeding, 1 month after delivery	81.8	78.8 - 84.8	99,700	81.3	78.2 - 84.3	94,600	--		
Exclusive breastfeeding, 1 month after delivery	37.4	33.7 - 41.2	45,200	36.4	32.6 - 40.2	42,100	53.0 *	16.8 - 89.3	700
Any breastfeeding, 3 months after delivery	62.5	58.3 - 66.7	61,900	62.4	58.1 - 66.7	58,800	59.2 *	19.6 - 98.8	700
Exclusive breastfeeding, 3 months after delivery	23.0	19.5 - 26.6	22,700	22.0	18.4 - 25.6	20,600	--		



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	Los Angeles 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	67.9	64.3 - 71.5		84,900	68.1	64.5 - 71.8		81,500	--			
Initiated prenatal care in 1st trimester	91.2	89.0 - 93.3		112,700	91.5	89.3 - 93.6		108,100	--			
Mom or infant needed but couldn't afford care postpartum	12.6	9.9 - 15.2		15,100	12.4	9.7 - 15.0		14,200	--			
Participated in WIC during pregnancy†	60.4	57.8 - 63.1		74,000	60.4	57.7 - 63.1		70,800	--			
Received CalFresh (food stamps) during pregnancy	24.6	21.5 - 27.8		30,600	24.7	21.5 - 27.9		29,300	--			
Pre-pregnancy insurance												
Medi-Cal	28.6	25.4 - 31.8		35,800	28.1	24.9 - 31.4		33,700	--			
Uninsured	25.2	22.0 - 28.4		31,600	25.6	22.2 - 28.9		30,600	--			
Private	44.2	41.3 - 47.1		55,400	44.4	41.4 - 47.4		53,200	36.3 *	3.6 - 69.0		500
Prenatal insurance												
Medi-Cal	53.9	51.0 - 56.8		67,500	53.8	50.8 - 56.8		64,400	--			
Uninsured	1.5 *	0.5 - 2.4		1,800	1.5 *	0.5 - 2.5		1,800	--			
Private	42.0	39.2 - 44.8		52,600	42.2	39.3 - 45.1		50,600	--			
Maternal postpartum insurance												
Medi-Cal	40.8	37.5 - 44.1		50,700	40.3	36.9 - 43.7		47,900	--			
Uninsured	15.2	12.4 - 18.0		18,900	15.4	12.6 - 18.3		18,300	--			
Private	42.3	39.5 - 45.2		52,600	42.7	39.8 - 45.7		50,700	--			
Infant health insurance												
Medi-Cal	56.6	53.6 - 59.6		69,400	56.5	53.5 - 59.6		66,300	46.1 *	9.6 - 82.5		700
Uninsured	3.7	2.2 - 5.1		4,500	3.4	1.9 - 4.8		3,900	--			
Private	37.8	35.0 - 40.6		46,400	38.3	35.4 - 41.2		44,900	--			
Maternal Demographics												
Age												
15-19	5.4	3.6 - 7.3		6,800	5.3	3.5 - 7.2		6,400	--			
20-34	72.1	68.8 - 75.5		90,600	71.9	68.4 - 75.4		86,400	--			
35+	22.4	19.4 - 25.4		28,200	22.8	19.6 - 25.9		27,300	--			
Did not complete high school (or GED)	21.7	18.6 - 24.7		27,000	21.5	18.4 - 24.6		25,700	--			
Unmarried	43.9	40.4 - 47.4		54,700	43.8	40.2 - 47.3		52,100	--			
Race/Ethnicity												
White	18.7	16.0 - 21.4		23,300	18.7	15.9 - 21.5		22,300	--			
Hispanic	57.0	53.8 - 60.2		70,900	56.9	53.6 - 60.2		67,700	--			
Asian/Pacific Islander	16.5	13.6 - 19.4		20,500	16.9	13.9 - 19.9		20,100	--			
Black	7.4	6.6 - 8.2		9,200	7.0	6.2 - 7.9		8,400	--			
Born outside the U.S.	44.1	40.3 - 48.0		55,400	44.1	40.2 - 48.0		53,000	--			
Speaks non-English language at home	36.5	32.7 - 40.2		45,000	35.8	32.0 - 39.7		42,400	--			
Lives in a high poverty neighborhood	47.6	44.0 - 51.2		57,900	47.9	44.3 - 51.5		57,600	--			
Income as a percent of the Federal Poverty Guideline												
0-100%	44.0	40.7 - 47.3		50,800	44.0	40.7 - 47.4		48,500	--			
101-200%	22.0	18.7 - 25.3		25,400	21.5	18.2 - 24.8		23,700	--			
> 200%	34.0	31.2 - 36.8		39,200	34.5	31.6 - 37.3		38,000	55.4 *	19.1 - 91.8		800

-- 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 Los Angeles County was 920. 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, Los Angeles County by Income, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Los Angeles 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		125,600	44.0	40.7 - 47.3	50,800	22.0	18.7 - 25.3	25,400	34.0	31.2 - 36.8	39,200
Health Status before Pregnancy												
In good to excellent health	91.8	89.6 - 93.9	115,100	85.8	81.4 - 90.3	43,400	93.4 *	89.2 - 97.5	23,700	--		
Chronic conditions												
Diabetes†	2.6	1.4 - 3.8	3,200	4.2 *	1.7 - 6.8	2,100	--			1.5 *	0.2 - 2.9	600
Hypertension†	2.5	1.5 - 3.5	3,000	2.0 *	0.8 - 3.3	1,000	4.3 *	1.4 - 7.1	1,000	1.6 *	0.3 - 3.0	600
Asthma†	6.9	5.1 - 8.8	8,500	9.0	5.5 - 12.6	4,400	6.3	3.0 - 9.7	1,600	6.3	3.5 - 9.2	2,500
Nutrition and Weight												
Daily folic acid use, month before pregnancy	31.4	28.0 - 34.8	39,400	16.4	11.8 - 20.9	8,300	26.8	19.3 - 34.2	6,800	53.0	46.4 - 59.6	20,800
Overweight before pregnancy	24.9	21.5 - 28.2	29,500	32.1	26.1 - 38.1	15,200	19.5	12.9 - 26.1	4,800	21.1	15.7 - 26.6	8,200
Obese before pregnancy	19.2	16.1 - 22.3	22,700	24.7	19.1 - 30.3	11,600	25.6	18.1 - 33.0	6,300	8.4	4.8 - 11.9	3,300
Inadequate weight gain during pregnancy	20.7	17.2 - 24.2	21,800	22.3	16.6 - 28.0	9,500	32.6	23.4 - 41.8	6,600	11.4	7.3 - 15.6	4,100
Excessive weight gain during pregnancy	37.6	33.6 - 41.7	39,700	37.2	30.7 - 43.8	15,900	28.8	20.7 - 36.8	5,800	41.8	35.0 - 48.6	15,000
Food insecurity during pregnancy	16.2	13.3 - 19.0	19,900	27.9	22.2 - 33.5	13,800	12.5	7.1 - 17.9	3,200	3.1 *	0.8 - 5.5	1,200
Intimate Partner Violence (IPV) and Depressive Symptoms												
Physical or psychological IPV during pregnancy	6.4	4.6 - 8.2	8,000	11.4	7.6 - 15.2	5,800	5.3 *	1.8 - 8.8	1,300	1.4 *	0.1 - 2.7	500
Prenatal depressive symptoms	13.9	11.2 - 16.5	17,400	19.8	14.9 - 24.7	10,100	14.8	8.8 - 20.9	3,700	6.9	3.6 - 10.2	2,700
Postpartum depressive symptoms	13.6	11.0 - 16.2	17,000	18.2	13.3 - 23.2	9,300	15.1	9.3 - 20.9	3,800	9.5	5.9 - 13.2	3,700
Hardships and Support during Pregnancy												
Experienced two or more hardships during childhood	21.8	18.6 - 24.9	26,700	29.6	23.8 - 35.3	14,500	22.0	15.4 - 28.7	5,500	14.9	10.1 - 19.7	5,800
Homeless or did not have a regular place to sleep	2.6	1.4 - 3.8	3,300	3.7 *	1.4 - 6.0	1,900	--			--		
Moved due to problems paying rent or mortgage	6.1	4.3 - 8.0	7,600	9.8	6.1 - 13.5	4,900	4.0 *	1.0 - 7.0	1,000	1.4 *	0.1 - 2.6	500
Woman or partner lost job	16.2	13.4 - 19.0	20,100	24.1	18.7 - 29.5	12,000	18.8	12.4 - 25.3	4,700	5.3	2.6 - 7.9	2,100
Woman or partner had pay or hours cut back	9.6	7.4 - 11.8	11,800	13.3	9.1 - 17.6	6,600	8.5	4.1 - 13.0	2,100	5.6	2.8 - 8.5	2,200
Became separated or divorced	7.6	5.7 - 9.6	9,500	13.0	8.9 - 17.1	6,500	7.9	3.3 - 12.5	2,000	1.4 *	0.1 - 2.7	500
Had no practical or emotional support	6.0	4.2 - 7.9	7,600	9.5	5.7 - 13.3	4,800	--			2.4 *	0.4 - 4.3	900
Substance Use												
Any smoking, 3 months before pregnancy	10.4	8.1 - 12.7	13,000	12.7	8.7 - 16.8	6,500	11.9	5.9 - 17.9	3,000	7.2	3.9 - 10.5	2,800
Any smoking, 3rd trimester†	2.4	1.1 - 3.7	3,000	3.5 *	1.1 - 5.9	1,800	4.1 *	0.3 - 7.9	1,000	--		
Any smoking, postpartum	4.1	2.6 - 5.7	5,200	5.4	2.7 - 8.0	2,700	6.8 *	1.9 - 11.7	1,700	--		
Any binge drinking, 3 months before pregnancy	13.3	10.7 - 15.9	16,600	13.2	8.9 - 17.5	6,600	12.9	7.2 - 18.6	3,200	15.1	10.5 - 19.7	5,900
Any alcohol use, 3rd trimester†	6.9	5.0 - 8.7	8,600	5.6	2.6 - 8.7	2,800	3.4 *	0.4 - 6.4	800	12.3	8.3 - 16.2	4,800
Pregnancy Intention and Family Planning												
Mistimed or unwanted pregnancy	33.1	29.5 - 36.6	41,200	42.4	36.3 - 48.6	21,500	35.2	27.1 - 43.3	8,800	17.1	12.0 - 22.3	6,700
Unsure of pregnancy intentions	11.3	9.0 - 13.6	14,100	13.7	9.6 - 17.7	6,900	13.5	7.8 - 19.1	3,400	7.0	3.8 - 10.1	2,700
Postpartum birth control use†	78.8	75.8 - 81.9	96,500	79.1	74.4 - 83.9	39,200	81.1	74.5 - 87.6	20,200	74.6	68.7 - 80.4	28,400
Infant Sleep and Breastfeeding												
Placed infant on back to sleep	76.6	73.3 - 79.9	93,800	67.3	61.5 - 73.1	33,500	82.0	75.4 - 88.6	20,400	84.6	79.7 - 89.5	32,300
Infant always or often shared bed	32.5	28.9 - 36.1	39,700	37.9	31.9 - 43.9	18,900	29.9	22.3 - 37.4	7,400	27.7	21.7 - 33.6	10,500
Intended to breastfeed, before birth	92.2	90.1 - 94.2	112,300	89.9	86.2 - 93.5	44,400	92.3 *	87.7 - 96.9	22,900	95.5 *	92.8 - 98.2	36,500
Intended to breastfeed exclusively, before birth	61.6	57.9 - 65.3	75,000	56.7	50.5 - 62.9	28,000	51.2	42.7 - 59.7	12,700	76.7	71.0 - 82.4	29,300
Breastfeeding practices												
Any breastfeeding, 1 month after delivery	81.8	78.8 - 84.8	99,700	77.0	71.8 - 82.3	38,200	78.5	71.8 - 85.2	19,200	90.0	85.9 - 94.1	34,400
Exclusive breastfeeding, 1 month after delivery	37.4	33.7 - 41.2	45,200	34.4	28.5 - 40.3	16,700	32.2	24.2 - 40.1	7,900	45.9	39.2 - 52.6	17,500
Any breastfeeding, 3 months after delivery	62.5	58.3 - 66.7	61,900	56.1	49.2 - 62.9	23,500	51.6	41.7 - 61.4	9,800	79.6	73.2 - 86.0	23,300
Exclusive breastfeeding, 3 months after delivery	23.0	19.5 - 26.6	22,700	17.7	12.6 - 22.8	7,200	19.9	12.3 - 27.6	3,800	34.9	27.6 - 42.1	10,100



MIHA Data Snapshot, Los Angeles County by Income, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Los Angeles 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	67.9	64.3 - 71.5	84,900	60.2	54.1 - 66.3	30,400	62.9	54.6 - 71.2	16,000	83.5	78.3 - 88.7	32,500
Initiated prenatal care in 1st trimester	91.2	89.0 - 93.3	112,700	85.8	81.6 - 90.1	43,500	92.2 *	87.6 - 96.8	23,200	98.4 *	97.1 - 99.7	38,300
Mom or infant needed but couldn't afford care postpartum	12.6	9.9 - 15.2	15,100	19.0	13.8 - 24.1	9,300	15.1	9.1 - 21.2	3,700	2.6 *	0.5 - 4.6	1,000
Participated in WIC during pregnancy†	60.4	57.8 - 63.1	74,000	92.5	89.4 - 95.6	46,700	69.3	61.6 - 76.9	17,300	6.7	3.6 - 9.8	2,600
Received CalFresh (food stamps) during pregnancy	24.6	21.5 - 27.8	30,600	48.0	41.9 - 54.2	24,200	12.0	7.2 - 16.8	3,000	--		
Pre-pregnancy insurance												
Medi-Cal	28.6	25.4 - 31.8	35,800	50.5	44.4 - 56.7	25,500	17.6	11.6 - 23.6	4,500	1.9 *	0.4 - 3.4	700
Uninsured	25.2	22.0 - 28.4	31,600	36.3	30.3 - 42.3	18,300	34.4	26.2 - 42.5	8,700	4.6 *	1.7 - 7.4	1,800
Private	44.2	41.3 - 47.1	55,400	11.0	7.2 - 14.8	5,600	45.1	36.9 - 53.3	11,400	92.3	88.8 - 95.8	36,200
Prenatal insurance												
Medi-Cal	53.9	51.0 - 56.8	67,500	90.0	86.3 - 93.6	45,600	51.2	42.9 - 59.6	13,000	3.0 *	1.0 - 5.0	1,200
Uninsured	1.5 *	0.5 - 2.4	1,800	--			--			--		
Private	42.0	39.2 - 44.8	52,600	8.2	4.9 - 11.5	4,200	39.3	31.2 - 47.4	10,000	93.5	90.4 - 96.5	36,600
Maternal postpartum insurance												
Medi-Cal	40.8	37.5 - 44.1	50,700	67.7	61.9 - 73.5	34,000	40.0	31.8 - 48.1	10,100	2.3 *	0.6 - 3.9	900
Uninsured	15.2	12.4 - 18.0	18,900	23.9	18.5 - 29.3	12,000	16.6	10.0 - 23.2	4,200	3.4 *	0.8 - 6.0	1,300
Private	42.3	39.5 - 45.2	52,600	7.5	4.3 - 10.6	3,800	40.8	32.6 - 49.0	10,300	93.1	89.8 - 96.4	36,500
Infant health insurance												
Medi-Cal	56.6	53.6 - 59.6	69,400	88.4	84.5 - 92.3	44,000	65.2	57.3 - 73.1	16,200	5.1	2.1 - 8.0	1,900
Uninsured	3.7	2.2 - 5.1	4,500	4.3	1.8 - 6.8	2,100	4.9 *	1.0 - 8.7	1,200	--		
Private	37.8	35.0 - 40.6	46,400	6.0	3.2 - 8.9	3,000	26.7	19.4 - 34.0	6,600	91.3	87.7 - 95.0	35,000
Maternal Demographics												
Did not complete high school (or GED)	21.7	18.6 - 24.7	27,000	36.4	30.5 - 42.4	18,500	11.9	6.3 - 17.5	3,000	--		
Unmarried	43.9	40.4 - 47.4	54,700	67.0	61.0 - 72.9	33,900	43.3	35.1 - 51.6	11,000	9.2	5.6 - 12.9	3,600
Race/Ethnicity												
White	18.7	16.0 - 21.4	23,300	8.5	4.9 - 12.0	4,300	17.4	10.8 - 24.1	4,400	36.0	29.8 - 42.1	13,800
Hispanic	57.0	53.8 - 60.2	70,900	74.8	69.9 - 79.6	37,800	60.2	52.0 - 68.4	15,200	25.3	19.5 - 31.1	9,700
Asian/Pacific Islander	16.5	13.6 - 19.4	20,500	5.9	2.6 - 9.1	3,000	14.1	8.2 - 20.1	3,600	34.2	27.5 - 40.9	13,100
Black	7.4	6.6 - 8.2	9,200	10.2	8.2 - 12.2	5,100	7.7	4.8 - 10.7	2,000	4.5	2.7 - 6.2	1,700
Born outside the U.S.	44.1	40.3 - 48.0	55,400	45.7	39.5 - 51.9	23,200	43.5	35.0 - 52.0	11,000	37.4	30.8 - 44.0	14,600
Speaks non-English language at home	36.5	32.7 - 40.2	45,000	37.3	31.3 - 43.4	18,700	38.1	29.7 - 46.5	9,700	27.6	21.2 - 33.9	10,600
Lives in a high poverty neighborhood	47.6	44.0 - 51.2	57,900	68.1	62.2 - 73.9	33,400	44.9	36.4 - 53.5	10,700	19.3	14.0 - 24.7	7,500

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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 Los Angeles County was 920. 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, Los Angeles County by Maternal Age, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Los Angeles 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		125,600	5.4	3.6 - 7.3	6,800	72.1	68.8 - 75.5	90,600	22.4	19.4 - 25.4	28,200
Health Status before Pregnancy												
In good to excellent health	91.8	89.6 - 93.9	115,100	84.6*	71.6 - 97.5	5,800	91.8	89.1 - 94.4	83,000	93.6	90.4 - 96.7	26,300
Chronic conditions												
Diabetes†	2.6	1.4 - 3.8	3,200	--			2.2	0.9 - 3.5	2,000	3.4*	0.6 - 6.3	900
Hypertension†	2.5	1.5 - 3.5	3,000	--			1.5*	0.6 - 2.4	1,300	6.3	2.7 - 9.9	1,700
Asthma†	6.9	5.1 - 8.8	8,500	13.0*	0.3 - 25.7	800	7.5	5.2 - 9.7	6,600	3.8*	1.5 - 6.2	1,000
Nutrition and Weight												
Daily folic acid use, month before pregnancy	31.4	28.0 - 34.8	39,400	--			29.6	25.5 - 33.7	26,800	43.4	35.8 - 51.0	12,200
Overweight before pregnancy	24.9	21.5 - 28.2	29,500	24.7*	9.4 - 40.0	1,700	25.8	21.7 - 29.9	22,000	22.0	15.7 - 28.2	5,900
Obese before pregnancy	19.2	16.1 - 22.3	22,700	15.6*	2.8 - 28.4	1,100	19.3	15.5 - 23.0	16,400	19.7	13.7 - 25.8	5,300
Inadequate weight gain during pregnancy	20.7	17.2 - 24.2	21,800	--			21.9	17.7 - 26.1	16,700	19.3	12.6 - 25.9	4,400
Excessive weight gain during pregnancy	37.6	33.6 - 41.7	39,700	57.5	39.2 - 75.7	3,700	34.1	29.5 - 38.7	26,000	43.8	35.4 - 52.2	10,000
Food insecurity during pregnancy	16.2	13.3 - 19.0	19,900	26.7*	10.9 - 42.4	1,800	16.6	13.1 - 20.1	14,800	12.2	7.7 - 16.7	3,400
Intimate Partner Violence (IPV) and Depressive Symptoms												
Physical or psychological IPV during pregnancy	6.4	4.6 - 8.2	8,000	12.2*	3.5 - 20.9	800	6.7	4.5 - 9.0	6,100	3.9*	1.0 - 6.7	1,100
Prenatal depressive symptoms	13.9	11.2 - 16.5	17,400	20.4*	7.1 - 33.7	1,400	13.1	9.9 - 16.3	11,800	14.7	9.6 - 19.8	4,100
Postpartum depressive symptoms	13.6	11.0 - 16.2	17,000	17.6*	3.3 - 31.8	1,200	13.8	10.6 - 16.9	12,400	12.0	7.2 - 16.7	3,400
Hardships and Support during Pregnancy												
Experienced two or more hardships during childhood	21.8	18.6 - 24.9	26,700	33.2	16.4 - 49.9	2,100	23.5	19.6 - 27.4	20,900	13.7	9.1 - 18.2	3,800
Homeless or did not have a regular place to sleep	2.6	1.4 - 3.8	3,300	--			2.4	1.1 - 3.8	2,200	2.0*	0.3 - 3.7	500
Moved due to problems paying rent or mortgage	6.1	4.3 - 8.0	7,600	--			6.5	4.3 - 8.8	5,900	4.0*	1.2 - 6.8	1,100
Woman or partner lost job	16.2	13.4 - 19.0	20,100	28.7*	11.7 - 45.8	1,800	15.9	12.5 - 19.2	14,300	14.6	9.3 - 19.8	4,000
Woman or partner had pay or hours cut back	9.6	7.4 - 11.8	11,800	17.2*	3.0 - 31.5	1,000	9.0	6.4 - 11.6	8,000	10.0	5.7 - 14.2	2,700
Became separated or divorced	7.6	5.7 - 9.6	9,500	19.2*	5.7 - 32.7	1,200	6.9	4.6 - 9.2	6,200	7.5	3.6 - 11.4	2,100
Had no practical or emotional support	6.0	4.2 - 7.9	7,600	--			5.7	3.5 - 7.8	5,100	8.0	3.5 - 12.5	2,300
Substance Use												
Any smoking, 3 months before pregnancy	10.4	8.1 - 12.7	13,000	--			11.7	8.7 - 14.7	10,500	7.0	3.4 - 10.6	2,000
Any smoking, 3rd trimester†	2.4	1.1 - 3.7	3,000	--			3.2	1.4 - 4.9	2,800	--		
Any smoking, postpartum	4.1	2.6 - 5.7	5,200	--			4.7	2.7 - 6.7	4,300	--		
Any binge drinking, 3 months before pregnancy	13.3	10.7 - 15.9	16,600	12.1*	1.0 - 23.3	800	14.2	11.0 - 17.4	12,800	10.9	6.3 - 15.5	3,100
Any alcohol use, 3rd trimester†	6.9	5.0 - 8.7	8,600	--			6.2	4.0 - 8.3	5,500	10.8	6.3 - 15.4	3,000
Pregnancy Intention and Family Planning												
Mistimed or unwanted pregnancy	33.1	29.5 - 36.6	41,200	57.4	40.7 - 74.2	3,900	34.2	29.9 - 38.5	30,600	23.5	16.9 - 30.1	6,600
Unsure of pregnancy intentions	11.3	9.0 - 13.6	14,100	22.3	9.6 - 35.1	1,500	10.1	7.4 - 12.7	9,000	12.6	7.6 - 17.6	3,500
Postpartum birth control use†	78.8	75.8 - 81.9	96,500	79.1*	65.5 - 92.7	5,300	80.6	77.2 - 84.0	71,200	73.1	65.9 - 80.4	20,100
Infant Sleep and Breastfeeding												
Placed infant on back to sleep	76.6	73.3 - 79.9	93,800	65.6	49.1 - 82.0	4,500	74.2	70.2 - 78.2	65,600	87.1	81.4 - 92.7	23,700
Infant always or often shared bed	32.5	28.9 - 36.1	39,700	32.7	16.7 - 48.6	2,200	32.6	28.3 - 36.9	28,700	32.3	25.0 - 39.6	8,700
Intended to breastfeed, before birth	92.2	90.1 - 94.2	112,300	85.8*	73.8 - 97.8	5,700	92.0	89.5 - 94.5	80,900	94.2*	90.6 - 97.7	25,600
Intended to breastfeed exclusively, before birth	61.6	57.9 - 65.3	75,000	65.5	49.1 - 81.9	4,300	60.2	55.7 - 64.6	52,900	65.3	57.9 - 72.7	17,800
Breastfeeding practices												
Any breastfeeding, 1 month after delivery	81.8	78.8 - 84.8	99,700	69.4	53.6 - 85.2	4,700	82.5	79.1 - 86.0	72,500	82.5	76.5 - 88.6	22,400
Exclusive breastfeeding, 1 month after delivery	37.4	33.7 - 41.2	45,200	38.0	20.9 - 55.1	2,600	39.5	35.0 - 44.0	34,500	30.7	23.8 - 37.6	8,200
Any breastfeeding, 3 months after delivery	62.5	58.3 - 66.7	61,900	42.7	23.7 - 61.7	2,400	61.3	56.3 - 66.3	44,300	72.0	63.6 - 80.4	15,100
Exclusive breastfeeding, 3 months after delivery	23.0	19.5 - 26.6	22,700	--			24.4	20.1 - 28.7	17,600	21.0	14.2 - 27.9	4,300



MIHA Data Snapshot, Los Angeles County by Maternal Age, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Los Angeles 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	67.9	64.3 - 71.5		84,900	61.6	44.4 - 78.8		4,200	65.9	61.5 - 70.2		59,300	75.9	69.1 - 82.7		21,400
Initiated prenatal care in 1st trimester	91.2	89.0 - 93.3		112,700	--				90.8	88.2 - 93.5		80,700	91.7	87.7 - 95.8		25,600
Mom or infant needed but couldn't afford care postpartum	12.6	9.9 - 15.2		15,100	--				13.8	10.5 - 17.2		12,000	9.4	5.0 - 13.9		2,400
Participated in WIC during pregnancy†	60.4	57.8 - 63.1		74,000	--				63.2	59.6 - 66.8		56,200	41.1	34.2 - 48.0		11,000
Received CalFresh (food stamps) during pregnancy	24.6	21.5 - 27.8		30,600	40.1	23.0 - 57.2		2,700	27.1	23.2 - 31.1		24,300	12.7	8.2 - 17.2		3,500
Pre-pregnancy insurance																
Medi-Cal	28.6	25.4 - 31.8		35,800	73.6*	57.6 - 89.5		5,000	28.9	24.9 - 32.8		26,000	16.8	11.5 - 22.2		4,700
Uninsured	25.2	22.0 - 28.4		31,600	13.8*	1.2 - 26.3		900	27.6	23.5 - 31.6		24,900	20.3	14.2 - 26.5		5,700
Private	44.2	41.3 - 47.1		55,400	--				41.6	37.8 - 45.4		37,500	60.7	53.6 - 67.8		17,100
Prenatal insurance																
Medi-Cal	53.9	51.0 - 56.8		67,500	87.3*	75.1 - 99.6		6,000	57.2	53.3 - 61.1		51,700	34.9	28.1 - 41.6		9,800
Uninsured	1.5*	0.5 - 2.4		1,800	--				1.2*	0.1 - 2.2		1,100	--			
Private	42.0	39.2 - 44.8		52,600	--				38.5	34.8 - 42.2		34,800	60.7	53.8 - 67.7		17,000
Maternal postpartum insurance																
Medi-Cal	40.8	37.5 - 44.1		50,700	--				42.6	38.3 - 46.8		38,100	23.2	17.0 - 29.4		6,500
Uninsured	15.2	12.4 - 18.0		18,900	--				16.6	13.1 - 20.2		14,900	13.4	8.5 - 18.4		3,800
Private	42.3	39.5 - 45.2		52,600	--				39.0	35.2 - 42.8		34,900	61.7	54.8 - 68.6		17,300
Infant health insurance																
Medi-Cal	56.6	53.6 - 59.6		69,400	--				60.4	56.5 - 64.3		53,500	35.3	28.5 - 42.2		9,600
Uninsured	3.7	2.2 - 5.1		4,500	--				3.5	1.7 - 5.3		3,100	4.0*	0.9 - 7.1		1,100
Private	37.8	35.0 - 40.6		46,400	--				34.0	30.3 - 37.7		30,200	58.5	51.5 - 65.6		15,900
Maternal Demographics																
Did not complete high school (or GED)	21.7	18.6 - 24.7		27,000	59.8	42.5 - 77.0		4,100	20.8	17.1 - 24.6		18,700	15.1	10.0 - 20.3		4,200
Unmarried	43.9	40.4 - 47.4		54,700	85.2*	71.7 - 98.7		5,800	46.3	42.0 - 50.6		41,500	26.1	19.7 - 32.5		7,300
Race/Ethnicity																
White	18.7	16.0 - 21.4		23,300	--				17.7	14.4 - 21.0		15,900	26.2	19.7 - 32.8		7,300
Hispanic	57.0	53.8 - 60.2		70,900	88.4*	80.6 - 96.2		6,000	58.8	54.7 - 62.9		52,700	43.6	36.3 - 50.8		12,200
Asian/Pacific Islander	16.5	13.6 - 19.4		20,500	--				15.2	11.9 - 18.5		13,600	24.7	17.2 - 32.2		6,900
Black	7.4	6.6 - 8.2		9,200	10.0*	2.6 - 17.4		700	7.8	6.7 - 9.0		7,000	5.4	2.8 - 7.9		1,500
Born outside the U.S.	44.1	40.3 - 48.0		55,400	16.9*	4.3 - 29.5		1,200	42.1	37.6 - 46.7		38,200	57.2	49.9 - 64.6		16,100
Speaks non-English language at home	36.5	32.7 - 40.2		45,000	19.9*	6.1 - 33.6		1,400	35.7	31.2 - 40.1		31,800	43.2	35.4 - 50.9		11,800
Lives in a high poverty neighborhood	47.6	44.0 - 51.2		57,900	75.2*	59.8 - 90.5		4,800	48.1	43.7 - 52.4		42,200	39.6	32.1 - 47.1		10,800

-- 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 Los Angeles County was 920. 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, Los Angeles County by Neighborhood Poverty, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Los Angeles 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		125,600	6.5	4.7 - 8.4	7,900	15.8	13.2 - 18.5	19,200	30.1	26.5 - 33.6	36,500	47.6	44.0 - 51.2	57,900
Health Status before Pregnancy															
In good to excellent health	91.8	89.6 - 93.9	115,100	--			94.2 *	89.7 - 98.8	18,100	92.1	88.0 - 96.3	33,700	89.2	85.6 - 92.7	51,400
Chronic conditions															
Diabetes†	2.6	1.4 - 3.8	3,200	--			--			--			3.4 *	1.3 - 5.5	1,900
Hypertension†	2.5	1.5 - 3.5	3,000	--			6.7 *	1.8 - 11.5	1,300	1.3 *	0.1 - 2.4	500	2.1 *	0.8 - 3.3	1,100
Asthma†	6.9	5.1 - 8.8	8,500	--			6.1 *	2.2 - 9.9	1,200	7.8	4.2 - 11.4	2,800	7.0	4.2 - 9.8	3,900
Nutrition and Weight															
Daily folic acid use, month before pregnancy	31.4	28.0 - 34.8	39,400	58.2	43.6 - 72.8	4,600	47.4	37.9 - 56.9	9,100	30.9	24.5 - 37.3	11,300	23.9	19.0 - 28.8	13,800
Overweight before pregnancy	24.9	21.5 - 28.2	29,500	19.4 *	6.8 - 32.0	1,500	25.3	17.0 - 33.6	4,700	19.8	14.1 - 25.5	7,000	28.7	23.3 - 34.0	15,200
Obese before pregnancy	19.2	16.1 - 22.3	22,700	8.6 *	1.3 - 15.9	700	10.5	4.6 - 16.5	1,900	17.7	12.1 - 23.4	6,300	25.6	20.3 - 30.8	13,500
Inadequate weight gain during pregnancy	20.7	17.2 - 24.2	21,800	14.6 *	4.3 - 24.8	1,100	6.9 *	2.1 - 11.8	1,100	22.0	15.3 - 28.6	7,000	24.8	19.3 - 30.3	11,700
Excessive weight gain during pregnancy	37.6	33.6 - 41.7	39,700	41.9	26.8 - 57.0	3,200	38.4	28.5 - 48.2	5,900	36.8	29.5 - 44.0	11,700	38.0	31.9 - 44.2	18,000
Food insecurity during pregnancy	16.2	13.3 - 19.0	19,900	--			8.8 *	3.2 - 14.5	1,700	14.2	9.0 - 19.3	5,000	22.0	17.2 - 26.8	12,500
Intimate Partner Violence (IPV) and Depressive Symptoms															
Physical or psychological IPV during pregnancy	6.4	4.6 - 8.2	8,000	--			--			8.5	4.4 - 12.6	3,100	6.4	3.9 - 8.9	3,700
Prenatal depressive symptoms	13.9	11.2 - 16.5	17,400	--			8.6 *	3.4 - 13.7	1,600	18.9	13.2 - 24.6	6,900	14.7	10.7 - 18.7	8,400
Postpartum depressive symptoms	13.6	11.0 - 16.2	17,000	11.5 *	2.0 - 21.0	900	12.3	6.1 - 18.4	2,400	14.0	8.9 - 19.1	5,100	14.3	10.3 - 18.2	8,200
Hardships and Support during Pregnancy															
Experienced two or more hardships during childhood	21.8	18.6 - 24.9	26,700	11.1 *	2.2 - 20.0	900	16.3	9.1 - 23.4	3,100	24.2	18.0 - 30.3	8,700	24.5	19.5 - 29.4	13,700
Homeless or did not have a regular place to sleep	2.6	1.4 - 3.8	3,300	--			--			--			3.3	1.4 - 5.2	1,900
Moved due to problems paying rent or mortgage	6.1	4.3 - 8.0	7,600	--			3.1 *	0.1 - 6.2	600	4.9 *	1.8 - 8.0	1,800	8.9	5.6 - 12.3	5,100
Woman or partner lost job	16.2	13.4 - 19.0	20,100	--			11.0	5.4 - 16.5	2,100	13.5	8.6 - 18.4	4,900	20.5	15.9 - 25.2	11,600
Woman or partner had pay or hours cut back	9.6	7.4 - 11.8	11,800	--			6.4 *	2.1 - 10.7	1,200	7.4	3.8 - 11.1	2,700	12.2	8.5 - 15.8	6,800
Became separated or divorced	7.6	5.7 - 9.6	9,500	--			--			9.3	5.1 - 13.6	3,400	9.4	6.2 - 12.6	5,300
Had no practical or emotional support	6.0	4.2 - 7.9	7,600	--			--			5.2 *	1.6 - 8.7	1,900	8.1	5.0 - 11.2	4,700
Substance Use															
Any smoking, 3 months before pregnancy	10.4	8.1 - 12.7	13,000	--			8.2 *	2.8 - 13.6	1,600	14.6	9.4 - 19.7	5,300	9.7	6.4 - 13.0	5,600
Any smoking, 3rd trimester†	2.4	1.1 - 3.7	3,000	--			--			2.7 *	0.2 - 5.2	1,000	2.6 *	0.8 - 4.5	1,500
Any smoking, postpartum	4.1	2.6 - 5.7	5,200	--			--			6.2	2.6 - 9.9	2,300	3.3 *	1.3 - 5.3	1,900
Any binge drinking, 3 months before pregnancy	13.3	10.7 - 15.9	16,600	15.8 *	5.7 - 25.8	1,300	16.7	9.7 - 23.8	3,200	13.3	8.4 - 18.2	4,800	12.4	8.6 - 16.1	7,100
Any alcohol use, 3rd trimester†	6.9	5.0 - 8.7	8,600	11.0 *	2.1 - 19.8	900	12.1	6.5 - 17.6	2,300	5.7	2.6 - 8.7	2,100	5.3	2.6 - 7.9	3,000
Pregnancy Intention and Family Planning															
Mistimed or unwanted pregnancy	33.1	29.5 - 36.6	41,200	7.7 *	1.2 - 14.1	600	23.5	15.2 - 31.9	4,500	34.7	27.9 - 41.5	12,700	39.0	33.3 - 44.6	22,200
Unsure of pregnancy intentions	11.3	9.0 - 13.6	14,100	14.3 *	2.9 - 25.7	1,100	11.7	5.4 - 17.9	2,200	7.6	4.0 - 11.1	2,800	12.4	8.8 - 15.9	7,100
Postpartum birth control use†	78.8	75.8 - 81.9	96,500	73.3	60.8 - 85.8	5,600	72.0	62.8 - 81.1	13,200	79.1	73.3 - 84.9	28,300	81.0	76.8 - 85.3	46,000
Infant Sleep and Breastfeeding															
Placed infant on back to sleep	76.6	73.3 - 79.9	93,800	83.7 *	71.7 - 95.6	6,300	78.4	70.5 - 86.2	14,800	83.2	77.9 - 88.6	29,300	71.1	65.7 - 76.4	40,500
Infant always or often shared bed	32.5	28.9 - 36.1	39,700	29.8	15.8 - 43.9	2,200	29.3	20.7 - 37.9	5,500	26.4	20.0 - 32.8	9,200	37.3	31.8 - 42.8	21,100
Intended to breastfeed, before birth	92.2	90.1 - 94.2	112,300	--			92.9 *	87.4 - 98.5	17,600	91.5	87.2 - 95.7	31,800	91.5	88.5 - 94.5	51,700
Intended to breastfeed exclusively, before birth	61.6	57.9 - 65.3	75,000	63.8	49.0 - 78.7	4,900	73.9	65.6 - 82.2	14,000	64.1	57.0 - 71.1	22,200	55.3	49.6 - 61.0	31,200
Breastfeeding practices															
Any breastfeeding, 1 month after delivery	81.8	78.8 - 84.8	99,700	81.1 *	68.1 - 94.1	6,100	85.0	78.0 - 92.0	15,900	79.0	73.0 - 85.0	27,700	81.7	77.4 - 86.0	46,100
Exclusive breastfeeding, 1 month after delivery	37.4	33.7 - 41.2	45,200	53.6	38.2 - 68.9	4,000	40.4	31.0 - 49.8	7,600	36.1	29.2 - 43.1	12,500	33.3	27.9 - 38.7	18,700
Any breastfeeding, 3 months after delivery	62.5	58.3 - 66.7	61,900	72.8 *	55.8 - 89.8	4,100	71.7	62.0 - 81.5	10,700	62.6	54.6 - 70.6	17,600	58.0	51.7 - 64.3	27,100
Exclusive breastfeeding, 3 months after delivery	23.0	19.5 - 26.6	22,700	50.9	33.1 - 68.7	2,800	30.8	20.7 - 40.9	4,600	25.9	18.8 - 32.9	7,100	14.1	9.8 - 18.4	6,600



MIHA Data Snapshot, Los Angeles County by Neighborhood Poverty, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Los Angeles 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	67.9	64.3 - 71.5	84,900	77.2 *	63.3 - 91.1	6,100	78.2	70.1 - 86.3	14,800	69.2	62.4 - 76.0	25,300	63.6	58.0 - 69.1	36,600
Initiated prenatal care in 1st trimester	91.2	89.0 - 93.3	112,700	--			--			90.4	86.4 - 94.5	32,700	88.9	85.3 - 92.5	50,200
Mom or infant needed but couldn't afford care postpartum	12.6	9.9 - 15.2	15,100	--			4.7 *	1.0 - 8.5	900	12.5	7.4 - 17.7	4,300	15.9	11.6 - 20.1	8,800
Participated in WIC during pregnancy†	60.4	57.8 - 63.1	74,000	12.9 *	3.3 - 22.6	1,000	23.0	15.0 - 31.0	4,300	55.0	48.2 - 61.7	19,400	81.9	77.7 - 86.2	46,600
Received CalFresh (food stamps) during pregnancy	24.6	21.5 - 27.8	30,600	--			8.6 *	3.2 - 14.0	1,700	21.0	15.0 - 27.0	7,500	35.2	29.9 - 40.5	20,200
Pre-pregnancy insurance															
Medi-Cal	28.6	25.4 - 31.8	35,800	6.0 *	0.2 - 11.8	500	5.7 *	1.6 - 9.9	1,100	27.5	21.2 - 33.9	10,100	39.1	33.7 - 44.6	22,500
Uninsured	25.2	22.0 - 28.4	31,600	--			17.6	10.0 - 25.2	3,400	22.6	16.4 - 28.9	8,300	32.7	27.3 - 38.1	18,800
Private	44.2	41.3 - 47.1	55,400	84.6 *	74.7 - 94.4	6,700	75.6	67.4 - 83.7	14,500	47.4	40.7 - 54.1	17,300	26.4	21.5 - 31.2	15,200
Prenatal insurance															
Medi-Cal	53.9	51.0 - 56.8	67,500	6.9 *	1.0 - 12.7	500	21.7	13.9 - 29.6	4,200	50.7	44.0 - 57.4	18,500	72.4	67.5 - 77.4	41,700
Uninsured	1.5 *	0.5 - 2.4	1,800	--			--			--			1.7 *	0.2 - 3.2	1,000
Private	42.0	39.2 - 44.8	52,600	84.2 *	74.2 - 94.2	6,700	75.0	66.8 - 83.2	14,400	44.1	37.5 - 50.6	16,100	24.2	19.4 - 29.0	13,900
Maternal postpartum insurance															
Medi-Cal	40.8	37.5 - 44.1	50,700	5.0 *	0.4 - 9.5	400	17.9	10.5 - 25.3	3,400	38.3	31.4 - 45.1	13,800	54.0	48.3 - 59.6	30,700
Uninsured	15.2	12.4 - 18.0	18,900	--			4.8 *	0.5 - 9.0	900	13.6	8.4 - 18.7	4,900	21.6	16.8 - 26.5	12,300
Private	42.3	39.5 - 45.2	52,600	86.3 *	77.1 - 95.5	6,900	76.3	68.2 - 84.4	14,700	45.3	38.6 - 51.9	16,400	23.5	18.8 - 28.2	13,400
Infant health insurance															
Medi-Cal	56.6	53.6 - 59.6	69,400	16.3 *	6.1 - 26.6	1,300	23.9	15.7 - 32.2	4,500	49.7	42.7 - 56.6	17,500	76.8	72.1 - 81.4	43,700
Uninsured	3.7	2.2 - 5.1	4,500	--			--			4.5 *	1.5 - 7.5	1,600	3.0 *	1.1 - 5.0	1,700
Private	37.8	35.0 - 40.6	46,400	81.9 *	71.2 - 92.5	6,300	71.6	63.0 - 80.2	13,500	42.8	36.0 - 49.5	15,000	18.6	14.3 - 22.8	10,600
Maternal Demographics															
Age															
15-19	5.4	3.6 - 7.3	6,800	--			--			3.6 *	0.8 - 6.4	1,300	8.3	5.0 - 11.7	4,800
20-34	72.1	68.8 - 75.5	90,600	68.1	54.3 - 81.8	5,400	64.5	55.5 - 73.6	12,400	76.0	70.1 - 82.0	27,800	73.0	68.0 - 78.0	42,200
35+	22.4	19.4 - 25.4	28,200	31.0	17.2 - 44.7	2,500	34.4	25.4 - 43.3	6,600	20.4	14.9 - 25.9	7,500	18.7	14.5 - 22.9	10,800
Did not complete high school (or GED)	21.7	18.6 - 24.7	27,000	--			7.5 *	2.2 - 12.9	1,400	17.0	11.5 - 22.4	6,200	31.3	25.9 - 36.6	17,900
Unmarried	43.9	40.4 - 47.4	54,700	17.2 *	6.4 - 27.9	1,400	19.9	12.1 - 27.7	3,800	40.4	33.5 - 47.4	14,600	57.1	51.4 - 62.7	32,700
Race/Ethnicity															
White	18.7	16.0 - 21.4	23,300	44.0	29.6 - 58.5	3,500	37.5	28.3 - 46.7	6,900	22.1	16.5 - 27.7	8,000	7.5	4.4 - 10.7	4,400
Hispanic	57.0	53.8 - 60.2	70,900	22.7	11.4 - 34.1	1,800	28.5	19.9 - 37.0	5,200	50.2	43.2 - 57.1	18,200	74.5	69.9 - 79.1	43,000
Asian/Pacific Islander	16.5	13.6 - 19.4	20,500	30.6	15.5 - 45.6	2,400	29.4	19.9 - 39.0	5,400	19.1	13.5 - 24.8	7,000	9.7	6.1 - 13.2	5,600
Black	7.4	6.6 - 8.2	9,200	--			4.5 *	1.6 - 7.5	800	7.7	5.2 - 10.2	2,800	8.0	6.3 - 9.7	4,600
Born outside the U.S.	44.1	40.3 - 48.0	55,400	39.3	24.1 - 54.5	3,100	33.8	24.5 - 43.1	6,500	41.2	34.0 - 48.3	15,000	49.4	43.7 - 55.1	28,600
Speaks non-English language at home	36.5	32.7 - 40.2	45,000	23.5	10.2 - 36.8	1,900	27.0	18.3 - 35.7	5,200	29.7	22.8 - 36.7	10,500	44.1	38.4 - 49.8	25,100
Income as a percent of the Federal Poverty Guideline															
0-100%	44.0	40.7 - 47.3	50,800	--			14.1	7.6 - 20.6	2,600	36.7	29.7 - 43.7	12,500	64.7	59.2 - 70.2	33,400
101-200%	22.0	18.7 - 25.3	25,400	12.9 *	3.6 - 22.1	1,000	15.7	8.5 - 22.8	2,800	27.3	20.7 - 33.9	9,300	20.8	16.1 - 25.5	10,700
> 200%	34.0	31.2 - 36.8	39,200	79.9	68.7 - 91.1	6,200	70.2	61.6 - 78.9	12,800	36.0	29.5 - 42.5	12,300	14.5	10.6 - 18.5	7,500

-- 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 Los Angeles County was 920. 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, Los Angeles County by Prenatal Health Insurance, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Los Angeles County			Medi-Cal			Private		
	%	95% CI	N	%	95% CI	N	%	95% CI	N
Total	100		125,600	53.9	51.0 - 56.8	67,500	42.0	39.2 - 44.8	52,600
Health Status before Pregnancy									
In good to excellent health	91.8	89.6 - 93.9	115,100	86.8	83.1 - 90.5	58,400	98.0 *	96.4 - 99.6	51,500
Chronic conditions									
Diabetes†	2.6	1.4 - 3.8	3,200	3.2 *	1.2 - 5.1	2,100	1.8 *	0.5 - 3.2	1,000
Hypertension†	2.5	1.5 - 3.5	3,000	2.4	1.1 - 3.6	1,500	2.5 *	0.7 - 4.3	1,300
Asthma†	6.9	5.1 - 8.8	8,500	8.1	5.3 - 10.9	5,300	5.8	3.4 - 8.2	3,000
Nutrition and Weight									
Daily folic acid use, month before pregnancy	31.4	28.0 - 34.8	39,400	18.2	14.1 - 22.4	12,300	48.2	42.4 - 54.0	25,400
Overweight before pregnancy	24.9	21.5 - 28.2	29,500	27.6	22.7 - 32.5	17,100	22.0	17.2 - 26.9	11,400
Obese before pregnancy	19.2	16.1 - 22.3	22,700	25.0	20.2 - 29.8	15,500	12.3	8.5 - 16.1	6,300
Inadequate weight gain during pregnancy	20.7	17.2 - 24.2	21,800	24.9	19.6 - 30.1	13,400	15.3	10.8 - 19.8	7,200
Excessive weight gain during pregnancy	37.6	33.6 - 41.7	39,700	35.0	29.4 - 40.7	18,900	42.2	36.1 - 48.3	19,800
Food insecurity during pregnancy	16.2	13.3 - 19.0	19,900	26.2	21.4 - 30.9	17,100	4.2	2.0 - 6.5	2,200
Intimate Partner Violence (IPV) and Depressive Symptoms									
Physical or psychological IPV during pregnancy	6.4	4.6 - 8.2	8,000	9.5	6.5 - 12.4	6,400	2.1 *	0.6 - 3.5	1,100
Prenatal depressive symptoms	13.9	11.2 - 16.5	17,400	18.2	14.2 - 22.3	12,300	6.7	4.1 - 9.3	3,500
Postpartum depressive symptoms	13.6	11.0 - 16.2	17,000	16.2	12.1 - 20.2	10,800	10.0	6.8 - 13.2	5,200
Hardships and Support during Pregnancy									
Experienced two or more hardships during childhood	21.8	18.6 - 24.9	26,700	27.3	22.5 - 32.0	17,900	14.4	10.4 - 18.4	7,500
Homeless or did not have a regular place to sleep	2.6	1.4 - 3.8	3,300	4.0	2.0 - 6.0	2,700	--		
Moved due to problems paying rent or mortgage	6.1	4.3 - 8.0	7,600	9.4	6.3 - 12.5	6,300	--		
Woman or partner lost job	16.2	13.4 - 19.0	20,100	22.8	18.3 - 27.2	15,100	8.1	5.1 - 11.1	4,200
Woman or partner had pay or hours cut back	9.6	7.4 - 11.8	11,800	13.3	9.7 - 16.9	8,800	5.1	2.7 - 7.5	2,700
Became separated or divorced	7.6	5.7 - 9.6	9,500	10.2	7.1 - 13.3	6,800	3.5 *	1.4 - 5.7	1,800
Had no practical or emotional support	6.0	4.2 - 7.9	7,600	8.8	5.7 - 11.9	5,900	3.0 *	1.0 - 5.0	1,500
Substance Use									
Any smoking, 3 months before pregnancy	10.4	8.1 - 12.7	13,000	12.3	8.8 - 15.9	8,300	6.7	3.9 - 9.4	3,500
Any smoking, 3rd trimester†	2.4	1.1 - 3.7	3,000	3.2 *	1.2 - 5.2	2,100	--		
Any smoking, postpartum	4.1	2.6 - 5.7	5,200	5.2	2.8 - 7.6	3,500	1.9 *	0.4 - 3.4	1,000
Any binge drinking, 3 months before pregnancy	13.3	10.7 - 15.9	16,600	12.4	8.9 - 15.9	8,300	11.9	8.3 - 15.4	6,200
Any alcohol use, 3rd trimester†	6.9	5.0 - 8.7	8,600	5.0	2.5 - 7.4	3,400	8.9	5.9 - 11.9	4,700
Pregnancy Intention and Family Planning									
Mistimed or unwanted pregnancy	33.1	29.5 - 36.6	41,200	40.9	35.7 - 46.2	27,500	21.4	16.6 - 26.2	11,100
Unsure of pregnancy intentions	11.3	9.0 - 13.6	14,100	14.1	10.5 - 17.7	9,500	7.5	4.7 - 10.4	3,900
Postpartum birth control use†	78.8	75.8 - 81.9	96,500	82.4	78.7 - 86.2	54,600	75.4	70.2 - 80.5	38,200
Infant Sleep and Breastfeeding									
Placed infant on back to sleep	76.6	73.3 - 79.9	93,800	70.8	65.9 - 75.7	46,500	83.9	79.6 - 88.2	43,200
Infant always or often shared bed	32.5	28.9 - 36.1	39,700	34.2	29.1 - 39.2	22,300	28.1	22.9 - 33.4	14,400
Intended to breastfeed, before birth	92.2	90.1 - 94.2	112,300	90.7	87.7 - 93.7	58,800	94.4	91.6 - 97.3	48,600
Intended to breastfeed exclusively, before birth	61.6	57.9 - 65.3	75,000	55.9	50.5 - 61.2	36,300	71.1	65.8 - 76.4	36,600
Breastfeeding practices									
Any breastfeeding, 1 month after delivery	81.8	78.8 - 84.8	99,700	78.5	74.1 - 82.9	51,000	86.9	82.9 - 90.9	44,800
Exclusive breastfeeding, 1 month after delivery	37.4	33.7 - 41.2	45,200	32.4	27.4 - 37.4	20,900	43.8	37.9 - 49.6	22,300
Any breastfeeding, 3 months after delivery	62.5	58.3 - 66.7	61,900	57.0	51.1 - 62.9	31,500	70.7	64.5 - 76.9	27,900
Exclusive breastfeeding, 3 months after delivery	23.0	19.5 - 26.6	22,700	16.4	12.1 - 20.6	9,000	33.1	26.8 - 39.4	13,000



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

Maternal and Infant Health Assessment (MIHA) Survey

	Los Angeles 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	67.9	64.3 - 71.5		84,900	55.3	50.0 - 60.7		37,200	84.2	79.7 - 88.7		44,300
Initiated prenatal care in 1st trimester	91.2	89.0 - 93.3		112,700	87.5	84.0 - 91.0		57,900	96.7 *	94.4 - 98.9		50,300
Mom or infant needed but couldn't afford care postpartum	12.6	9.9 - 15.2		15,100	19.0	14.6 - 23.4		12,100	4.3	1.9 - 6.7		2,200
Participated in WIC during pregnancy†	60.4	57.8 - 63.1		74,000	91.4	88.5 - 94.2		60,400	21.5	16.9 - 26.0		10,900
Received CalFresh (food stamps) during pregnancy	24.6	21.5 - 27.8		30,600	43.1	37.9 - 48.3		28,600	2.5 *	1.0 - 4.0		1,300
Pre-pregnancy insurance												
Medi-Cal	28.6	25.4 - 31.8		35,800	51.8	46.5 - 57.0		34,800	--			
Uninsured	25.2	22.0 - 28.4		31,600	42.4	37.1 - 47.6		28,400	--			
Private	44.2	41.3 - 47.1		55,400	4.8	2.6 - 6.9		3,200	98.0 *	96.3 - 99.8		51,600
Maternal postpartum insurance												
Medi-Cal	40.8	37.5 - 44.1		50,700	73.6	68.8 - 78.3		48,700	2.8 *	0.8 - 4.7		1,500
Uninsured	15.2	12.4 - 18.0		18,900	23.0	18.4 - 27.5		15,200	2.6 *	0.5 - 4.7		1,400
Private	42.3	39.5 - 45.2		52,600	2.3 *	0.9 - 3.8		1,600	94.6	91.8 - 97.4		49,700
Infant health insurance												
Medi-Cal	56.6	53.6 - 59.6		69,400	93.1	90.5 - 95.7		61,100	10.9	7.2 - 14.6		5,600
Uninsured	3.7	2.2 - 5.1		4,500	4.1	2.0 - 6.2		2,700	2.0 *	0.2 - 3.8		1,000
Private	37.8	35.0 - 40.6		46,400	2.2 *	0.9 - 3.5		1,400	86.7	82.6 - 90.8		44,800
Maternal Demographics												
Age												
15-19	5.4	3.6 - 7.3		6,800	8.8	5.7 - 12.0		6,000	--			
20-34	72.1	68.8 - 75.5		90,600	76.7	72.3 - 81.0		51,700	66.2	60.7 - 71.7		34,800
35+	22.4	19.4 - 25.4		28,200	14.5	11.0 - 18.0		9,800	32.4	27.0 - 37.8		17,000
Did not complete high school (or GED)	21.7	18.6 - 24.7		27,000	36.6	31.4 - 41.7		24,400	3.7 *	1.3 - 6.0		1,900
Unmarried	43.9	40.4 - 47.4		54,700	67.0	61.9 - 72.1		44,700	15.9	11.7 - 20.1		8,300
Race/Ethnicity												
White	18.7	16.0 - 21.4		23,300	8.7	5.5 - 11.9		5,800	31.4	26.3 - 36.5		16,300
Hispanic	57.0	53.8 - 60.2		70,900	75.8	71.7 - 79.8		50,900	35.1	29.6 - 40.6		18,200
Asian/Pacific Islander	16.5	13.6 - 19.4		20,500	5.9	3.2 - 8.6		4,000	28.6	23.0 - 34.2		14,800
Black	7.4	6.6 - 8.2		9,200	9.0	7.6 - 10.4		6,000	4.8	3.3 - 6.2		2,500
Born outside the U.S.	44.1	40.3 - 48.0		55,400	47.3	42.0 - 52.6		31,900	38.6	32.8 - 44.4		20,300
Speaks non-English language at home	36.5	32.7 - 40.2		45,000	40.0	34.7 - 45.2		26,500	29.3	23.7 - 34.9		15,100
Lives in a high poverty neighborhood	47.6	44.0 - 51.2		57,900	64.2	59.0 - 69.4		41,700	27.2	21.9 - 32.5		13,900
Income as a percent of the Federal Poverty Guideline												
0-100%	44.0	40.7 - 47.3		50,800	76.3	71.7 - 80.9		45,600	8.2	4.9 - 11.4		4,200
101-200%	22.0	18.7 - 25.3		25,400	21.8	17.3 - 26.3		13,000	19.7	15.0 - 24.4		10,000
> 200%	34.0	31.2 - 36.8		39,200	2.0 *	0.6 - 3.3		1,200	72.1	66.9 - 77.3		36,600

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

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

Maternal and Infant Health Assessment (MIHA) Survey

	Los Angeles County			Hispanic			Black			White			Asian/Pacific Islander		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
Total	100		125,600	57.0	53.8 - 60.2	70,900	7.4	6.6 - 8.2	9,200	18.7	16.0 - 21.4	23,300	16.5	13.6 - 19.4	20,500
Health Status before Pregnancy															
In good to excellent health	91.8	89.6 - 93.9	115,100	87.5	84.0 - 91.1	61,900	90.4*	83.6 - 97.2	8,300	--			--		
Chronic conditions															
Diabetes†	2.6	1.4 - 3.8	3,200	3.1	1.4 - 4.8	2,100	--			--			4.6*	0.4 - 8.8	900
Hypertension†	2.5	1.5 - 3.5	3,000	1.6*	0.6 - 2.6	1,100	8.1*	2.6 - 13.6	700	2.0*	0.0 - 4.0	500	--		
Asthma†	6.9	5.1 - 8.8	8,500	6.0	3.5 - 8.5	4,100	16.3	9.9 - 22.7	1,500	9.1	4.2 - 14.0	2,100	3.0*	0.5 - 5.5	600
Nutrition and Weight															
Daily folic acid use, month before pregnancy	31.4	28.0 - 34.8	39,400	22.2	17.9 - 26.5	15,700	22.4	14.0 - 30.7	2,100	46.9	38.4 - 55.4	10,900	50.2	40.0 - 60.4	10,300
Overweight before pregnancy	24.9	21.5 - 28.2	29,500	29.1	24.2 - 34.0	19,000	25.7	17.1 - 34.3	2,300	18.2	11.5 - 24.9	4,100	18.8	10.5 - 27.1	3,800
Obese before pregnancy	19.2	16.1 - 22.3	22,700	27.7	22.8 - 32.7	18,100	19.5	11.3 - 27.7	1,700	10.5	5.1 - 16.0	2,400	--		
Inadequate weight gain during pregnancy	20.7	17.2 - 24.2	21,800	23.7	18.7 - 28.7	13,500	17.1	9.7 - 24.5	1,300	10.4	4.3 - 16.5	2,100	26.0	16.8 - 35.3	4,900
Excessive weight gain during pregnancy	37.6	33.6 - 41.7	39,700	33.8	28.3 - 39.2	19,300	52.8	42.6 - 63.0	4,000	43.4	34.4 - 52.3	8,800	36.4	26.0 - 46.8	6,900
Food insecurity during pregnancy	16.2	13.3 - 19.0	19,900	21.5	17.1 - 25.9	14,800	18.2	11.0 - 25.3	1,700	10.8	5.3 - 16.3	2,500	4.3*	0.4 - 8.3	900
Intimate Partner Violence (IPV) and Depressive Symptoms															
Physical or psychological IPV during pregnancy	6.4	4.6 - 8.2	8,000	7.7	5.0 - 10.5	5,400	9.3	4.2 - 14.5	900	4.4*	1.2 - 7.6	1,000	--		
Prenatal depressive symptoms	13.9	11.2 - 16.5	17,400	16.8	12.9 - 20.7	11,900	14.6	7.2 - 21.9	1,300	6.1*	2.3 - 9.9	1,400	12.0	5.4 - 18.6	2,400
Postpartum depressive symptoms	13.6	11.0 - 16.2	17,000	14.1	10.4 - 17.7	9,900	11.5	5.7 - 17.2	1,100	11.2	5.6 - 16.8	2,600	15.4	8.4 - 22.4	3,100
Hardships and Support during Pregnancy															
Experienced two or more hardships during childhood	21.8	18.6 - 24.9	26,700	26.4	21.7 - 31.1	18,200	26.8	17.7 - 35.9	2,400	18.0	11.3 - 24.7	4,100	6.0*	1.6 - 10.4	1,200
Homeless or did not have a regular place to sleep	2.6	1.4 - 3.8	3,300	3.4	1.5 - 5.3	2,400	5.5*	1.5 - 9.6	500	--			--		
Moved due to problems paying rent or mortgage	6.1	4.3 - 8.0	7,600	6.9	4.1 - 9.6	4,800	12.1	6.1 - 18.2	1,100	--			--		
Woman or partner lost job	16.2	13.4 - 19.0	20,100	18.9	14.8 - 23.0	13,100	19.9	12.1 - 27.7	1,800	14.7	8.5 - 21.0	3,400	7.0*	1.8 - 12.3	1,400
Woman or partner had pay or hours cut back	9.6	7.4 - 11.8	11,800	11.6	8.1 - 15.0	8,000	15.1	8.9 - 21.4	1,400	7.8*	3.1 - 12.4	1,800	--		
Became separated or divorced	7.6	5.7 - 9.6	9,500	9.3	6.3 - 12.3	6,500	15.2	8.6 - 21.9	1,400	--			--		
Had no practical or emotional support	6.0	4.2 - 7.9	7,600	8.2	5.2 - 11.1	5,800	3.0*	0.4 - 5.6	300	--			--		
Substance Use															
Any smoking, 3 months before pregnancy	10.4	8.1 - 12.7	13,000	8.0	5.1 - 10.9	5,700	16.8	9.2 - 24.4	1,500	15.5	9.2 - 21.9	3,600	10.2*	3.9 - 16.4	2,100
Any smoking, 3rd trimester†	2.4	1.1 - 3.7	3,000	1.8*	0.3 - 3.3	1,300	2.2*	0.1 - 4.3	200	4.5*	0.4 - 8.6	1,100	--		
Any smoking, postpartum	4.1	2.6 - 5.7	5,200	3.1*	1.2 - 5.0	2,200	8.0*	2.9 - 13.1	700	7.6*	2.5 - 12.7	1,800	--		
Any binge drinking, 3 months before pregnancy	13.3	10.7 - 15.9	16,600	12.4	8.9 - 15.9	8,800	14.9	7.2 - 22.6	1,300	21.4	14.5 - 28.3	4,900	7.7*	2.1 - 13.2	1,500
Any alcohol use, 3rd trimester†	6.9	5.0 - 8.7	8,600	3.7	1.6 - 5.8	2,600	7.9*	1.3 - 14.6	700	17.3	11.4 - 23.3	4,000	5.1*	0.7 - 9.5	1,000
Pregnancy Intention and Family Planning															
Mistimed or unwanted pregnancy	33.1	29.5 - 36.6	41,200	39.0	33.9 - 44.2	27,400	36.9	27.7 - 46.2	3,400	23.0	15.5 - 30.5	5,400	21.2	12.6 - 29.9	4,300
Unsure of pregnancy intentions	11.3	9.0 - 13.6	14,100	12.1	8.7 - 15.5	8,500	22.9	15.1 - 30.6	2,100	7.0*	2.7 - 11.3	1,600	7.4*	2.2 - 12.6	1,500
Postpartum birth control use†	78.8	75.8 - 81.9	96,500	85.5	82.0 - 89.1	59,200	68.6	59.9 - 77.2	6,300	75.6	68.4 - 82.9	17,400	66.0	55.9 - 76.0	12,700
Infant Sleep and Breastfeeding															
Placed infant on back to sleep	76.6	73.3 - 79.9	93,800	76.7	72.2 - 81.3	52,700	66.1	57.3 - 75.0	6,000	76.8	69.1 - 84.5	17,600	82.1	74.1 - 90.1	16,500
Infant always or often shared bed	32.5	28.9 - 36.1	39,700	32.4	27.5 - 37.4	22,200	43.0	33.2 - 52.9	3,900	21.1	14.2 - 28.0	4,800	39.5	29.5 - 49.6	7,800
Intended to breastfeed, before birth	92.2	90.1 - 94.2	112,300	92.2	89.3 - 95.1	62,600	84.5	77.5 - 91.6	7,800	95.6*	92.0 - 99.2	21,900	91.0*	85.1 - 96.8	18,300
Intended to breastfeed exclusively, before birth	61.6	57.9 - 65.3	75,000	59.0	53.7 - 64.2	40,000	51.2	41.7 - 60.7	4,700	78.5	71.3 - 85.7	18,000	52.9	42.6 - 63.3	10,600
Breastfeeding practices															
Any breastfeeding, 1 month after delivery	81.8	78.8 - 84.8	99,700	82.2	78.3 - 86.2	56,300	73.5	64.2 - 82.8	6,500	84.7	78.4 - 91.1	19,500	79.1	70.3 - 87.9	15,700
Exclusive breastfeeding, 1 month after delivery	37.4	33.7 - 41.2	45,200	38.1	32.9 - 43.3	25,600	37.0	27.6 - 46.5	3,300	47.8	39.2 - 56.4	10,900	21.9	13.7 - 30.0	4,400
Any breastfeeding, 3 months after delivery	62.5	58.3 - 66.7	61,900	59.3	53.5 - 65.1	34,200	50.0	39.2 - 60.8	3,300	69.5	60.0 - 79.1	12,400	69.0	57.9 - 80.1	10,600
Exclusive breastfeeding, 3 months after delivery	23.0	19.5 - 26.6	22,700	20.0	15.3 - 24.7	11,400	24.8	15.8 - 33.9	1,700	37.1	27.8 - 46.5	6,500	15.5	7.6 - 23.4	2,400

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, Los Angeles County by Race/Ethnicity, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Los Angeles 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	67.9	64.3 - 71.5	84,900	62.9	57.8 - 68.1	44,500	76.8	69.4 - 84.3	7,000	78.2	70.8 - 85.5	18,200	70.2	60.7 - 79.7	14,200
Initiated prenatal care in 1st trimester	91.2	89.0 - 93.3	112,700	89.6	86.4 - 92.8	62,000	87.2	81.0 - 93.5	7,900	93.7*	89.1 - 98.2	21,800	--		
Mom or infant needed but couldn't afford care postpartum	12.6	9.9 - 15.2	15,100	15.3	11.4 - 19.3	10,400	8.0*	2.9 - 13.1	700	9.1	4.0 - 14.1	2,000	10.1*	3.6 - 16.6	2,000
Participated in WIC during pregnancy†	60.4	57.8 - 63.1	74,000	81.4	77.7 - 85.1	56,800	73.0	65.9 - 80.0	6,700	22.6	15.1 - 30.1	5,000	25.3	16.5 - 34.0	5,000
Received CalFresh (food stamps) during pregnancy	24.6	21.5 - 27.8	30,600	29.8	25.0 - 34.6	20,900	54.7	45.2 - 64.2	5,000	14.0	7.5 - 20.6	3,200	--		
Pre-pregnancy insurance															
Medi-Cal	28.6	25.4 - 31.8	35,800	36.4	31.4 - 41.3	25,700	46.3	37.1 - 55.5	4,200	15.8	8.9 - 22.6	3,700	10.3	4.4 - 16.3	2,100
Uninsured	25.2	22.0 - 28.4	31,600	33.7	28.7 - 38.6	23,800	15.6	8.3 - 22.9	1,400	11.9	5.9 - 18.0	2,800	14.9	7.3 - 22.5	3,100
Private	44.2	41.3 - 47.1	55,400	28.2	23.9 - 32.6	20,000	31.9	23.7 - 40.0	2,900	71.3	63.3 - 79.3	16,600	72.9	63.9 - 81.8	14,900
Prenatal insurance															
Medi-Cal	53.9	51.0 - 56.8	67,500	71.8	67.4 - 76.3	50,900	66.0	57.3 - 74.7	6,000	25.0	17.2 - 32.9	5,800	19.5	11.6 - 27.4	4,000
Uninsured	1.5*	0.5 - 2.4	1,800	--			--			--			--		
Private	42.0	39.2 - 44.8	52,600	25.7	21.4 - 29.9	18,200	27.0	19.5 - 34.6	2,500	70.0	61.9 - 78.1	16,300	73.0	64.1 - 81.8	14,800
Maternal postpartum insurance															
Medi-Cal	40.8	37.5 - 44.1	50,700	51.1	45.9 - 56.3	35,600	64.8	55.3 - 74.2	5,900	22.9	15.4 - 30.5	5,300	15.1	8.0 - 22.3	3,100
Uninsured	15.2	12.4 - 18.0	18,900	21.8	17.3 - 26.2	15,200	6.0*	1.0 - 11.0	500	5.1*	1.0 - 9.3	1,200	9.5*	3.6 - 15.4	1,900
Private	42.3	39.5 - 45.2	52,600	25.4	21.3 - 29.6	17,700	24.7	16.9 - 32.5	2,300	71.0	62.9 - 79.0	16,500	74.7	66.1 - 83.3	15,300
Infant health insurance															
Medi-Cal	56.6	53.6 - 59.6	69,400	74.4	70.0 - 78.8	51,100	68.2	59.3 - 77.1	6,100	29.5	21.4 - 37.7	6,800	23.2	14.7 - 31.7	4,700
Uninsured	3.7	2.2 - 5.1	4,500	4.6	2.3 - 6.9	3,100	--			--			--		
Private	37.8	35.0 - 40.6	46,400	19.9	16.0 - 23.7	13,700	24.5	16.6 - 32.4	2,200	67.6	59.4 - 75.8	15,700	69.9	60.9 - 79.0	14,100
Maternal Demographics															
Age															
15-19	5.4	3.6 - 7.3	6,800	8.5	5.4 - 11.7	6,000	7.4*	2.1 - 12.8	700	--			--		
20-34	72.1	68.8 - 75.5	90,600	74.3	69.9 - 78.7	52,700	76.2	67.5 - 84.9	7,000	68.2	60.4 - 75.9	15,900	66.4	56.4 - 76.3	13,600
35+	22.4	19.4 - 25.4	28,200	17.2	13.7 - 20.7	12,200	16.4	8.9 - 23.8	1,500	31.5	23.7 - 39.3	7,300	33.6	23.7 - 43.6	6,900
Did not complete high school (or GED)															
Unmarried	21.7	18.6 - 24.7	27,000	35.3	30.3 - 40.3	24,800	11.1	5.6 - 16.6	1,000	--			--		
Born outside the U.S.	43.9	40.4 - 47.4	54,700	57.0	51.8 - 62.1	40,000	69.5	60.6 - 78.4	6,300	20.0	12.8 - 27.2	4,600	15.3	8.0 - 22.6	3,100
Speaks non-English language at home	44.1	40.3 - 48.0	55,400	44.5	39.3 - 49.7	31,600	10.0*	3.3 - 16.7	900	25.2	17.3 - 33.1	5,900	82.9	75.5 - 90.4	17,000
Lives in a high poverty neighborhood	36.5	32.7 - 40.2	45,000	38.8	33.7 - 44.0	27,100	9.1*	2.3 - 15.9	800	17.7	10.5 - 24.9	4,000	64.6	54.7 - 74.4	12,900
Income as a percent of the Federal Poverty Guideline															
0-100%	44.0	40.7 - 47.3	50,800	60.3	55.1 - 65.5	37,800	58.4	49.4 - 67.5	5,100	19.0	11.8 - 26.3	4,300	15.1	7.4 - 22.9	3,000
101-200%	22.0	18.7 - 25.3	25,400	24.2	19.5 - 29.0	15,200	22.2	14.1 - 30.2	2,000	19.6	12.2 - 27.0	4,400	18.2	10.6 - 25.7	3,600
> 200%	34.0	31.2 - 36.8	39,200	15.5	11.9 - 19.1	9,700	19.4	12.2 - 26.6	1,700	61.4	52.9 - 69.9	13,800	66.7	57.2 - 76.2	13,100

-- 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 Los Angeles County was 920. 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, Los Angeles County by Total Live Births, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Los Angeles County			First Live Birth			Second Live Birth or More		
	%	95% CI	N	%	95% CI	N	%	95% CI	N
Total	100		125,600	40.4	36.7 - 44.2	50,800	59.6	55.8 - 63.3	74,800
Health Status before Pregnancy									
In good to excellent health	91.8	89.6 - 93.9	115,100	91.2	87.7 - 94.7	46,300	92.2	89.5 - 94.9	68,800
Chronic conditions									
Diabetes†	2.6	1.4 - 3.8	3,200	2.4 *	0.7 - 4.1	1,200	2.7 *	1.1 - 4.4	2,000
Hypertension†	2.5	1.5 - 3.5	3,000	3.2 *	1.1 - 5.3	1,600	2.0	1.0 - 3.0	1,400
Asthma†	6.9	5.1 - 8.8	8,500	7.9	4.8 - 10.9	3,900	6.3	4.0 - 8.5	4,500
Nutrition and Weight									
Daily folic acid use, month before pregnancy	31.4	28.0 - 34.8	39,400	35.7	30.0 - 41.4	18,100	28.5	24.2 - 32.8	21,300
Overweight before pregnancy	24.9	21.5 - 28.2	29,500	19.8	15.1 - 24.5	9,800	28.5	23.8 - 33.2	19,700
Obese before pregnancy	19.2	16.1 - 22.3	22,700	12.5	8.4 - 16.6	6,200	23.9	19.6 - 28.3	16,500
Inadequate weight gain during pregnancy	20.7	17.2 - 24.2	21,800	18.0	12.9 - 23.1	8,100	22.8	18.1 - 27.4	13,700
Excessive weight gain during pregnancy	37.6	33.6 - 41.7	39,700	44.1	37.7 - 50.5	19,900	32.8	27.7 - 37.8	19,700
Food insecurity during pregnancy	16.2	13.3 - 19.0	19,900	16.3	11.7 - 21.0	8,100	16.0	12.5 - 19.6	11,800
Intimate Partner Violence (IPV) and Depressive Symptoms									
Physical or psychological IPV during pregnancy	6.4	4.6 - 8.2	8,000	6.9	4.3 - 9.6	3,500	6.0	3.6 - 8.4	4,500
Prenatal depressive symptoms	13.9	11.2 - 16.5	17,400	11.5	7.8 - 15.3	5,800	15.5	11.9 - 19.1	11,500
Postpartum depressive symptoms	13.6	11.0 - 16.2	17,000	14.7	10.4 - 19.0	7,400	12.8	9.5 - 16.1	9,600
Hardships and Support during Pregnancy									
Experienced two or more hardships during childhood	21.8	18.6 - 24.9	26,700	18.5	13.8 - 23.2	9,200	24.0	19.8 - 28.2	17,600
Homeless or did not have a regular place to sleep	2.6	1.4 - 3.8	3,300	3.2 *	1.0 - 5.4	1,600	2.2	0.9 - 3.5	1,700
Moved due to problems paying rent or mortgage	6.1	4.3 - 8.0	7,600	5.7	2.8 - 8.6	2,900	6.4	4.0 - 8.8	4,700
Woman or partner lost job	16.2	13.4 - 19.0	20,100	16.4	12.0 - 20.8	8,200	16.1	12.5 - 19.8	11,900
Woman or partner had pay or hours cut back	9.6	7.4 - 11.8	11,800	8.8	5.4 - 12.3	4,400	10.1	7.2 - 13.0	7,400
Became separated or divorced	7.6	5.7 - 9.6	9,500	9.0	5.5 - 12.5	4,500	6.7	4.4 - 9.1	5,000
Had no practical or emotional support	6.0	4.2 - 7.9	7,600	2.8 *	0.9 - 4.7	1,400	8.2	5.4 - 11.0	6,100
Substance Use									
Any smoking, 3 months before pregnancy	10.4	8.1 - 12.7	13,000	13.9	9.7 - 18.0	7,000	8.1	5.3 - 10.8	6,000
Any smoking, 3rd trimester†	2.4	1.1 - 3.7	3,000	2.7 *	0.6 - 4.7	1,400	2.2 *	0.6 - 3.8	1,600
Any smoking, postpartum	4.1	2.6 - 5.7	5,200	4.9	2.2 - 7.6	2,500	3.6	1.7 - 5.5	2,700
Any binge drinking, 3 months before pregnancy	13.3	10.7 - 15.9	16,600	16.6	12.2 - 21.0	8,300	11.1	8.0 - 14.3	8,300
Any alcohol use, 3rd trimester†	6.9	5.0 - 8.7	8,600	8.2	5.0 - 11.4	4,200	6.0	3.7 - 8.2	4,400
Pregnancy Intention and Family Planning									
Mistimed or unwanted pregnancy	33.1	29.5 - 36.6	41,200	31.6	26.0 - 37.3	16,000	34.0	29.3 - 38.7	25,200
Unsure of pregnancy intentions	11.3	9.0 - 13.6	14,100	10.6	7.1 - 14.0	5,300	11.8	8.7 - 14.9	8,700
Postpartum birth control use†	78.8	75.8 - 81.9	96,500	71.1	65.6 - 76.6	34,900	84.0	80.5 - 87.5	61,600
Infant Sleep and Breastfeeding									
Placed infant on back to sleep	76.6	73.3 - 79.9	93,800	73.5	68.0 - 78.9	36,100	78.7	74.5 - 82.8	57,700
Infant always or often shared bed	32.5	28.9 - 36.1	39,700	30.8	25.1 - 36.4	15,000	33.7	29.0 - 38.4	24,600
Intended to breastfeed, before birth	92.2	90.1 - 94.2	112,300	91.9	88.4 - 95.4	45,200	92.3	89.7 - 94.9	67,100
Intended to breastfeed exclusively, before birth	61.6	57.9 - 65.3	75,000	68.6	63.0 - 74.1	33,700	56.9	51.9 - 61.8	41,300
Breastfeeding practices									
Any breastfeeding, 1 month after delivery	81.8	78.8 - 84.8	99,700	82.0	77.2 - 86.8	39,600	81.7	77.8 - 85.5	60,100
Exclusive breastfeeding, 1 month after delivery	37.4	33.7 - 41.2	45,200	36.1	30.2 - 41.9	17,600	38.4	33.6 - 43.2	27,600
Any breastfeeding, 3 months after delivery	62.5	58.3 - 66.7	61,900	61.1	54.2 - 67.9	24,100	63.5	58.1 - 68.8	37,800
Exclusive breastfeeding, 3 months after delivery	23.0	19.5 - 26.6	22,700	22.9	17.3 - 28.6	9,100	23.1	18.5 - 27.7	13,500



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

Maternal and Infant Health Assessment (MIHA) Survey

	Los Angeles 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	67.9	64.3	- 71.5	84,900	64.7	59.0	- 70.4	32,800	70.0	65.4	- 74.7	52,100
Initiated prenatal care in 1st trimester	91.2	89.0	- 93.3	112,700	92.2	88.8	- 95.5	46,500	90.5	87.6	- 93.4	66,200
Mom or infant needed but couldn't afford care postpartum	12.6	9.9	- 15.2	15,100	12.1	8.0	- 16.2	5,900	12.9	9.4	- 16.4	9,200
Participated in WIC during pregnancy†	60.4	57.8	- 63.1	74,000	52.4	47.0	- 57.8	25,700	65.8	61.8	- 69.8	48,300
Received CalFresh (food stamps) during pregnancy	24.6	21.5	- 27.8	30,600	16.5	12.1	- 20.9	8,200	30.2	25.8	- 34.5	22,400
Pre-pregnancy insurance												
Medi-Cal	28.6	25.4	- 31.8	35,800	18.1	13.5	- 22.6	9,200	35.7	31.2	- 40.3	26,700
Uninsured	25.2	22.0	- 28.4	31,600	28.0	22.8	- 33.3	14,200	23.3	18.9	- 27.6	17,400
Private	44.2	41.3	- 47.1	55,400	52.6	47.2	- 57.9	26,600	38.5	34.2	- 42.8	28,800
Prenatal insurance												
Medi-Cal	53.9	51.0	- 56.8	67,500	48.1	42.6	- 53.5	24,400	57.8	53.5	- 62.2	43,100
Uninsured	1.5 *	0.5	- 2.4	1,800	--				2.5 *	0.9	- 4.0	1,800
Private	42.0	39.2	- 44.8	52,600	49.2	43.8	- 54.6	25,000	37.1	32.9	- 41.3	27,600
Maternal postpartum insurance												
Medi-Cal	40.8	37.5	- 44.1	50,700	35.8	30.3	- 41.3	17,900	44.2	39.6	- 48.9	32,800
Uninsured	15.2	12.4	- 18.0	18,900	14.5	10.1	- 18.9	7,300	15.6	11.9	- 19.3	11,600
Private	42.3	39.5	- 45.2	52,600	49.0	43.5	- 54.5	24,500	37.8	33.6	- 42.1	28,100
Infant health insurance												
Medi-Cal	56.6	53.6	- 59.6	69,400	52.0	46.5	- 57.5	25,500	59.6	55.2	- 64.0	43,900
Uninsured	3.7	2.2	- 5.1	4,500	2.5 *	0.5	- 4.5	1,200	4.4	2.3	- 6.5	3,200
Private	37.8	35.0	- 40.6	46,400	43.9	38.6	- 49.3	21,600	33.8	29.6	- 37.9	24,800
Maternal Demographics												
Age												
15-19	5.4	3.6	- 7.3	6,800	12.1	7.9	- 16.3	6,100	0.9 *	0.1	- 1.8	700
20-34	72.1	68.8	- 75.5	90,600	72.4	66.8	- 77.9	36,700	72.0	67.7	- 76.2	53,900
35+	22.4	19.4	- 25.4	28,200	15.5	11.3	- 19.8	7,900	27.1	22.9	- 31.3	20,300
Did not complete high school (or GED)	21.7	18.6	- 24.7	27,000	15.0	10.6	- 19.4	7,500	26.1	21.8	- 30.4	19,500
Unmarried	43.9	40.4	- 47.4	54,700	47.7	42.0	- 53.4	23,900	41.3	36.6	- 46.0	30,700
Race/Ethnicity												
White	18.7	16.0	- 21.4	23,300	22.0	17.2	- 26.9	11,100	16.4	13.0	- 19.8	12,200
Hispanic	57.0	53.8	- 60.2	70,900	48.7	43.0	- 54.4	24,500	62.7	58.3	- 67.1	46,400
Asian/Pacific Islander	16.5	13.6	- 19.4	20,500	20.1	15.1	- 25.1	10,100	14.0	10.3	- 17.7	10,400
Black	7.4	6.6	- 8.2	9,200	8.5	6.5	- 10.4	4,300	6.7	5.2	- 8.1	4,900
Born outside the U.S.	44.1	40.3	- 48.0	55,400	37.0	31.0	- 42.9	18,800	49.0	44.1	- 54.0	36,700
Speaks non-English language at home	36.5	32.7	- 40.2	45,000	30.0	24.2	- 35.8	14,800	40.8	35.9	- 45.7	30,100
Lives in a high poverty neighborhood	47.6	44.0	- 51.2	57,900	46.0	40.0	- 52.0	22,700	48.7	43.9	- 53.5	35,100
Income as a percent of the Federal Poverty Guideline												
0-100%	44.0	40.7	- 47.3	50,800	40.1	34.3	- 45.9	18,500	46.6	41.9	- 51.3	32,300
101-200%	22.0	18.7	- 25.3	25,400	16.2	11.7	- 20.8	7,500	25.8	21.4	- 30.3	17,900
> 200%	34.0	31.2	- 36.8	39,200	43.7	38.1	- 49.2	20,100	27.5	23.5	- 31.5	19,100

-- 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 Los Angeles County was 920. 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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