



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

Maternal and Infant Health Assessment (MIHA) Survey

	Alameda 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		19,100	11.1	8.3 - 13.8	2,100	14.4	11.4 - 17.4	2,700	24.9	20.9 - 28.9	4,600	49.6	45.3 - 53.9	9,200
Health Status before Pregnancy															
In good to excellent health	93.5	91.5 - 95.6	17,800	87.1	80.3 - 93.8	1,800	91.2 *	83.5 - 98.8	2,400	92.0	87.9 - 96.2	4,300	96.1 *	93.4 - 98.7	8,900
Chronic conditions															
Diabetes†	2.9	1.3 - 4.5	600	--			--			--			3.6 *	0.8 - 6.5	300
Hypertension†	2.2 *	0.9 - 3.5	400	--			--			2.1 *	0.2 - 4.0	<100	--		
Asthma†	11.5	8.1 - 14.8	2,100	19.2 *	7.0 - 31.5	400	6.3 *	2.3 - 10.2	200	14.4	7.2 - 21.5	700	10.0	5.0 - 15.0	900
Nutrition and Weight															
Daily folic acid use, month before pregnancy	39.8	35.0 - 44.5	7,600	27.5	15.2 - 39.9	600	30.3	20.2 - 40.4	800	27.2	18.9 - 35.5	1,300	51.0	43.4 - 58.6	4,700
Overweight before pregnancy	27.8	23.4 - 32.3	5,100	43.8	28.3 - 59.4	800	36.3	25.7 - 47.0	900	29.5	20.6 - 38.4	1,300	21.8	15.7 - 28.0	2,000
Obese before pregnancy	18.2	14.6 - 21.7	3,300	20.9	10.5 - 31.2	400	28.5	16.8 - 40.3	700	26.6	18.5 - 34.7	1,200	10.7	6.6 - 14.8	1,000
Inadequate weight gain during pregnancy	19.9	15.8 - 24.1	3,200	32.1	15.6 - 48.6	500	24.1	13.6 - 34.6	500	16.8	9.3 - 24.3	600	17.6	11.9 - 23.3	1,500
Excessive weight gain during pregnancy	39.3	34.0 - 44.6	6,300	29.9	14.9 - 44.8	400	46.8	34.2 - 59.5	1,000	45.1	35.2 - 55.0	1,700	37.2	29.3 - 45.0	3,200
Food insecurity during pregnancy	11.6	9.2 - 14.1	2,200	28.5	17.5 - 39.5	600	24.8	15.6 - 34.0	600	15.2	8.7 - 21.7	700	2.5 *	0.8 - 4.3	200
Intimate Partner Violence (IPV) and Depressive Symptoms															
Physical or psychological IPV during pregnancy	6.2	4.2 - 8.2	1,200	12.6 *	3.3 - 21.9	300	9.6 *	3.5 - 15.7	300	10.1	5.1 - 15.0	500	1.8 *	0.3 - 3.4	200
Prenatal depressive symptoms	11.8	8.9 - 14.7	2,200	21.2	10.4 - 31.9	400	18.4	9.3 - 27.5	500	12.8	6.6 - 19.1	600	6.7	3.3 - 10.1	600
Postpartum depressive symptoms	10.1	7.3 - 12.9	1,900	10.3 *	3.3 - 17.3	200	10.2 *	3.2 - 17.2	300	13.4	6.8 - 19.9	600	8.1	4.2 - 12.0	700
Hardships and Support during Pregnancy															
Experienced two or more hardships during childhood	18.9	15.2 - 22.5	3,500	32.2	20.0 - 44.3	700	34.4	23.0 - 45.8	900	28.3	19.3 - 37.2	1,300	7.2	3.8 - 10.7	700
Homeless or did not have a regular place to sleep	3.0	1.8 - 4.3	600	4.4 *	0.3 - 8.4	<100	4.3 *	0.6 - 8.0	100	5.2	2.3 - 8.0	200	--		
Moved due to problems paying rent or mortgage	4.4	2.6 - 6.3	800	8.8 *	1.2 - 16.4	200	7.0 *	2.4 - 11.5	200	7.1 *	1.9 - 12.3	300	1.6 *	0.1 - 3.2	100
Woman or partner lost job	11.9	9.2 - 14.7	2,300	11.9	5.4 - 18.5	200	21.5	11.8 - 31.2	600	18.8	12.3 - 25.2	900	5.9	2.6 - 9.2	500
Woman or partner had pay or hours cut back	10.2	7.6 - 12.9	1,900	10.6 *	4.2 - 17.0	200	15.2 *	6.0 - 24.4	400	16.3	9.6 - 22.9	700	5.4	2.4 - 8.5	500
Became separated or divorced	4.7	3.0 - 6.3	900	10.6 *	2.6 - 18.7	200	6.9 *	2.1 - 11.8	200	6.3	2.7 - 10.0	300	2.1 *	0.4 - 3.8	200
Had no practical or emotional support	3.0	1.6 - 4.3	600	4.4 *	0.3 - 8.5	<100	7.2 *	2.1 - 12.3	200	3.5 *	0.8 - 6.2	200	--		
Substance Use															
Any smoking, 3 months before pregnancy	8.5	6.0 - 11.0	1,600	14.3 *	5.0 - 23.6	300	--			14.2	8.6 - 19.7	700	4.6 *	1.6 - 7.6	400
Any smoking, 3rd trimester†	1.8	0.9 - 2.7	300	3.9 *	0.5 - 7.3	<100	--			2.7 *	0.5 - 4.9	100	--		
Any smoking, postpartum	4.1	2.5 - 5.6	800	8.9 *	1.0 - 16.7	200	3.4 *	0.2 - 6.7	<100	6.7	3.1 - 10.2	300	1.9 *	0.1 - 3.7	200
Any binge drinking, 3 months before pregnancy	13.6	10.2 - 17.0	2,600	7.0 *	2.2 - 11.7	100	7.0 *	2.5 - 11.5	200	20.9	12.2 - 29.6	900	13.5	8.4 - 18.6	1,200
Any alcohol use, 3rd trimester†	9.1	6.2 - 12.0	1,700	--			7.1 *	2.1 - 12.2	200	5.5 *	0.9 - 10.2	300	13.1	8.0 - 18.2	1,200
Pregnancy Intention and Family Planning															
Mistimed or unwanted pregnancy	24.9	20.8 - 28.9	4,700	44.6	31.0 - 58.3	900	28.3	18.7 - 37.8	800	33.8	24.9 - 42.6	1,600	14.4	9.3 - 19.5	1,300
Unsure of pregnancy intentions	12.7	9.6 - 15.8	2,400	13.8	7.0 - 20.6	300	10.3 *	3.1 - 17.5	300	21.6	14.2 - 29.0	1,000	8.8	4.5 - 13.1	800
Postpartum birth control use†	85.8	82.5 - 89.0	16,000	84.3 *	74.7 - 93.8	1,700	89.3	83.3 - 95.2	2,300	84.8	78.7 - 90.8	3,900	85.5	80.2 - 90.8	7,800
Infant Sleep and Breastfeeding															
Placed infant on back to sleep	83.4	79.9 - 86.9	15,600	73.3	61.2 - 85.5	1,500	77.1	67.7 - 86.4	2,000	79.2	71.6 - 86.8	3,600	89.7	85.2 - 94.3	8,300
Infant always or often shared bed	37.2	32.5 - 41.9	7,000	52.5	39.0 - 65.9	1,000	47.3	35.8 - 58.7	1,300	38.3	29.3 - 47.2	1,700	31.2	24.1 - 38.2	2,800
Intended to breastfeed, before birth	94.6	92.3 - 96.8	17,700	90.7 *	82.2 - 99.2	1,800	93.0 *	87.6 - 98.4	2,500	95.6 *	91.8 - 99.4	4,300	95.4 *	92.1 - 98.8	8,700
Intended to breastfeed exclusively, before birth	66.0	61.3 - 70.6	12,300	42.5	29.3 - 55.6	800	48.8	37.3 - 60.3	1,300	74.2	66.0 - 82.4	3,300	71.3	64.4 - 78.3	6,500
Breastfeeding practices															
Any breastfeeding, 1 month after delivery	89.8	87.1 - 92.5	16,900	82.2 *	71.1 - 93.3	1,600	76.6	66.5 - 86.6	2,000	89.5	84.6 - 94.4	4,000	94.9	92.0 - 97.9	8,800
Exclusive breastfeeding, 1 month after delivery	50.4	45.4 - 55.4	9,200	31.2	18.6 - 43.9	600	50.6	39.1 - 62.2	1,300	58.0	48.7 - 67.4	2,600	50.7	42.8 - 58.5	4,500
Any breastfeeding, 3 months after delivery	73.5	68.7 - 78.4	10,600	56.5	42.1 - 70.9	1,000	68.6	56.9 - 80.3	1,500	66.6	56.9 - 76.3	2,300	82.5	75.4 - 89.6	5,600
Exclusive breastfeeding, 3 months after delivery	34.6	29.2 - 39.9	4,900	16.7 *	5.6 - 27.8	300	29.1	17.2 - 41.1	600	33.9	24.2 - 43.6	1,200	41.5	32.4 - 50.6	2,700



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Maternal and Infant Health Assessment (MIHA) Survey

	Alameda 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	83.3	79.8 - 86.7	15,900	81.1	70.7 - 91.5	1,700	76.0	66.1 - 85.8	2,000	77.3	69.3 - 85.3	3,600	89.2	84.8 - 93.5	8,200
Initiated prenatal care in 1st trimester	90.0	87.1 - 92.8	17,000	81.6 *	69.9 - 93.4	1,600	82.2	71.9 - 92.5	2,200	84.0	77.2 - 90.8	3,800	96.6 *	94.2 - 99.1	8,900
Mom or infant needed but couldn't afford care postpartum	11.1	8.2 - 14.0	2,100	23.4	11.4 - 35.3	500	17.2	8.7 - 25.8	500	13.9	7.5 - 20.3	600	4.4 *	1.3 - 7.4	400
Participated in WIC during pregnancy†	40.2	37.0 - 43.4	7,500	77.3	64.6 - 90.0	1,500	80.4	70.3 - 90.4	2,100	59.7	50.8 - 68.6	2,700	10.0	6.4 - 13.7	900
Received CalFresh (food stamps) during pregnancy	17.9	14.9 - 20.9	3,400	38.6	25.9 - 51.2	800	32.7	22.9 - 42.5	800	28.2	20.4 - 36.1	1,300	3.1 *	0.8 - 5.4	300
Pre-pregnancy insurance															
Medi-Cal	22.2	19.1 - 25.3	4,200	54.3	40.9 - 67.8	1,100	53.2	41.6 - 64.8	1,400	32.4	24.1 - 40.7	1,500	1.7 *	0.2 - 3.1	200
Uninsured	11.4	8.7 - 14.1	2,200	18.1	8.1 - 28.2	400	19.1	9.8 - 28.4	500	17.5	10.3 - 24.6	800	4.6	2.2 - 7.0	400
Private	62.1	58.6 - 65.7	11,800	21.2 *	8.4 - 34.0	400	21.7	10.5 - 32.8	600	47.6	38.6 - 56.6	2,200	89.4	85.1 - 93.6	8,300
Prenatal insurance															
Medi-Cal	36.2	33.1 - 39.4	6,900	72.7	59.2 - 86.2	1,500	79.0	67.7 - 90.3	2,100	53.6	44.6 - 62.5	2,500	7.0	4.2 - 9.9	600
Uninsured	1.4 *	0.5 - 2.3	300	--	--	--	--	--	--	2.7 *	0.1 - 5.2	100	--	--	--
Private	60.0	56.6 - 63.4	11,400	24.3	10.9 - 37.7	500	20.8	9.5 - 32.1	600	43.1	34.1 - 52.0	2,000	88.5	84.3 - 92.7	8,200
Maternal postpartum insurance															
Medi-Cal	28.1	25.0 - 31.2	5,400	48.7	35.5 - 62.0	1,000	61.5	49.7 - 73.3	1,700	43.4	34.8 - 52.1	2,000	6.2	3.4 - 8.9	600
Uninsured	6.6	4.7 - 8.6	1,300	17.3	8.1 - 26.5	400	12.6	5.8 - 19.5	300	5.8	2.7 - 8.8	300	2.9 *	0.5 - 5.2	300
Private	61.9	58.4 - 65.3	11,800	26.7	12.6 - 40.9	500	22.2	10.5 - 34.0	600	49.3	40.3 - 58.4	2,300	88.0	83.4 - 92.5	8,100
Infant health insurance															
Medi-Cal	38.7	35.3 - 42.1	7,200	81.2	70.6 - 91.8	1,600	77.9	67.0 - 88.8	2,000	55.1	46.0 - 64.3	2,500	10.0	6.5 - 13.6	900
Uninsured	3.8	2.0 - 5.5	700	8.1 *	1.1 - 15.0	200	8.0 *	0.8 - 15.1	200	3.1 *	0.3 - 6.0	100	--	--	--
Private	55.3	51.5 - 59.0	10,300	9.5 *	0.9 - 18.1	200	14.1 *	4.7 - 23.5	400	40.5	31.2 - 49.9	1,800	85.5	80.7 - 90.3	7,900
Maternal Demographics															
Unmarried	30.6	26.8 - 34.3	5,800	50.1	36.7 - 63.5	1,000	55.8	44.3 - 67.3	1,500	46.9	37.8 - 56.0	2,200	10.2	6.0 - 14.3	900
Race/Ethnicity															
White	25.3	20.9 - 29.7	4,600	--	--	--	6.0 *	1.3 - 10.6	200	34.1	24.6 - 43.6	1,500	32.5	25.2 - 39.8	2,800
Hispanic	29.2	25.3 - 33.2	5,300	71.8	59.4 - 84.2	1,400	61.0	49.9 - 72.1	1,600	24.7	17.8 - 31.7	1,100	12.0	6.9 - 17.2	1,000
Asian/Pacific Islander	34.1	29.2 - 39.0	6,200	12.6 *	1.2 - 24.0	200	13.6 *	3.6 - 23.6	300	20.9	12.9 - 28.8	900	51.2	43.4 - 59.1	4,500
Black	10.9	9.7 - 12.1	2,000	12.0	5.6 - 18.4	200	19.2	11.7 - 26.7	500	19.4	14.5 - 24.3	800	4.0	2.5 - 5.5	300
Born outside the U.S.	48.6	43.8 - 53.5	9,300	62.6	49.5 - 75.7	1,300	54.6	43.1 - 66.1	1,500	31.6	23.2 - 40.0	1,500	51.6	43.9 - 59.2	4,800
Speaks non-English language at home	38.8	34.1 - 43.5	7,200	59.4	46.4 - 72.4	1,200	53.1	41.8 - 64.5	1,400	24.7	17.4 - 32.0	1,100	36.4	29.0 - 43.8	3,300
Lives in a high poverty neighborhood	24.3	20.8 - 27.8	4,500	52.0	38.7 - 65.4	1,100	54.4	42.5 - 66.3	1,400	25.6	19.0 - 32.2	1,200	8.3	4.8 - 11.8	700
Income as a percent of the Federal Poverty Guideline															
0-100%	29.0	25.8 - 32.3	5,200	69.4	55.4 - 83.4	1,300	57.7	44.9 - 70.5	1,300	42.0	33.1 - 51.0	1,900	6.3	3.2 - 9.4	600
101-200%	15.3	12.0 - 18.5	2,700	17.7 *	6.8 - 28.5	300	27.6	16.4 - 38.8	600	26.0	17.6 - 34.3	1,200	6.4	3.3 - 9.5	600
> 200%	55.7	52.0 - 59.4	10,000	--	--	--	14.7 *	3.0 - 26.5	300	32.0	22.4 - 41.6	1,400	87.3	83.1 - 91.5	7,900

-- 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 Alameda County was 642. 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, Alameda County by Geographical Area, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Alameda County			Urban			Rural/Frontier		
	%	95% CI	N	%	95% CI	N	%	95% CI	N
Total	100		19,100	98.0 *	96.2 - 99.8	18,100	2.0 *	0.2 - 3.8	400
Health Status before Pregnancy									
In good to excellent health	93.5	91.5 - 95.6	17,800	93.5	91.3 - 95.6	16,900	--		
Chronic conditions									
Diabetes†	2.9	1.3 - 4.5	600	3.1	1.4 - 4.8	600	--		
Hypertension†	2.2 *	0.9 - 3.5	400	2.3 *	0.9 - 3.7	400	--		
Asthma†	11.5	8.1 - 14.8	2,100	11.4	7.9 - 14.9	2,000	--		
Nutrition and Weight									
Daily folic acid use, month before pregnancy	39.8	35.0 - 44.5	7,600	39.7	34.9 - 44.6	7,200	--		
Overweight before pregnancy	27.8	23.4 - 32.3	5,100	28.0	23.4 - 32.6	4,900	--		
Obese before pregnancy	18.2	14.6 - 21.7	3,300	18.3	14.6 - 22.0	3,200	--		
Inadequate weight gain during pregnancy	19.9	15.8 - 24.1	3,200	20.8	16.5 - 25.2	3,200	--		
Excessive weight gain during pregnancy	39.3	34.0 - 44.6	6,300	39.1	33.7 - 44.5	5,900	--		
Food insecurity during pregnancy	11.6	9.2 - 14.1	2,200	11.8	9.2 - 14.4	2,100	--		
Intimate Partner Violence (IPV) and Depressive Symptoms									
Physical or psychological IPV during pregnancy	6.2	4.2 - 8.2	1,200	6.1	4.0 - 8.1	1,100	--		
Prenatal depressive symptoms	11.8	8.9 - 14.7	2,200	12.3	9.3 - 15.4	2,200	--		
Postpartum depressive symptoms	10.1	7.3 - 12.9	1,900	10.4	7.5 - 13.3	1,900	--		
Hardships and Support during Pregnancy									
Experienced two or more hardships during childhood	18.9	15.2 - 22.5	3,500	18.7	14.9 - 22.5	3,300	--		
Homeless or did not have a regular place to sleep	3.0	1.8 - 4.3	600	3.1	1.8 - 4.4	600	--		
Moved due to problems paying rent or mortgage	4.4	2.6 - 6.3	800	4.4	2.5 - 6.2	800	--		
Woman or partner lost job	11.9	9.2 - 14.7	2,300	11.9	9.1 - 14.6	2,100	--		
Woman or partner had pay or hours cut back	10.2	7.6 - 12.9	1,900	10.5	7.7 - 13.3	1,900	--		
Became separated or divorced	4.7	3.0 - 6.3	900	4.7	3.0 - 6.4	800	--		
Had no practical or emotional support	3.0	1.6 - 4.3	600	3.0	1.6 - 4.4	500	--		
Substance Use									
Any smoking, 3 months before pregnancy	8.5	6.0 - 11.0	1,600	8.3	5.7 - 10.8	1,500	--		
Any smoking, 3rd trimester†	1.8	0.9 - 2.7	300	1.9	0.9 - 2.8	300	--		
Any smoking, postpartum	4.1	2.5 - 5.6	800	3.6	2.2 - 5.0	600	--		
Any binge drinking, 3 months before pregnancy	13.6	10.2 - 17.0	2,600	13.3	9.8 - 16.8	2,400	--		
Any alcohol use, 3rd trimester†	9.1	6.2 - 12.0	1,700	9.2	6.2 - 12.1	1,600	--		
Pregnancy Intention and Family Planning									
Mistimed or unwanted pregnancy	24.9	20.8 - 28.9	4,700	25.0	20.9 - 29.1	4,500	--		
Unsure of pregnancy intentions	12.7	9.6 - 15.8	2,400	12.3	9.2 - 15.4	2,200	--		
Postpartum birth control use†	85.8	82.5 - 89.0	16,000	85.9	82.6 - 89.2	15,200	--		
Infant Sleep and Breastfeeding									
Placed infant on back to sleep	83.4	79.9 - 86.9	15,600	83.2	79.5 - 86.8	14,800	--		
Infant always or often shared bed	37.2	32.5 - 41.9	7,000	37.5	32.7 - 42.3	6,600	--		
Intended to breastfeed, before birth	94.6	92.3 - 96.8	17,700	94.6	92.3 - 96.9	16,700	--		
Intended to breastfeed exclusively, before birth	66.0	61.3 - 70.6	12,300	65.0	60.2 - 69.9	11,500	--		
Breastfeeding practices									
Any breastfeeding, 1 month after delivery	89.8	87.1 - 92.5	16,900	89.7	86.9 - 92.5	15,900	--		
Exclusive breastfeeding, 1 month after delivery	50.4	45.4 - 55.4	9,200	48.8	43.6 - 53.9	8,400	--		
Any breastfeeding, 3 months after delivery	73.5	68.7 - 78.4	10,600	73.5	68.6 - 78.5	10,300	--		
Exclusive breastfeeding, 3 months after delivery	34.6	29.2 - 39.9	4,900	33.9	28.4 - 39.4	4,600	--		



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Maternal and Infant Health Assessment (MIHA) Survey

	Alameda 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	83.3	79.8 - 86.7		15,900	83.2	79.7 - 86.8		15,000	--		
Initiated prenatal care in 1st trimester	90.0	87.1 - 92.8		17,000	89.7	86.6 - 92.7		16,000	--		
Mom or infant needed but couldn't afford care postpartum	11.1	8.2 - 14.0		2,100	10.7	7.9 - 13.6		1,900	--		
Participated in WIC during pregnancy†	40.2	37.0 - 43.4		7,500	40.7	37.4 - 44.1		7,200	--		
Received CalFresh (food stamps) during pregnancy	17.9	14.9 - 20.9		3,400	18.0	14.9 - 21.1		3,200	--		
Pre-pregnancy insurance											
Medi-Cal	22.2	19.1 - 25.3		4,200	22.6	19.4 - 25.9		4,100	--		
Uninsured	11.4	8.7 - 14.1		2,200	11.8	9.0 - 14.6		2,100	--		
Private	62.1	58.6 - 65.7		11,800	61.7	57.9 - 65.4		11,100	--		
Prenatal insurance											
Medi-Cal	36.2	33.1 - 39.4		6,900	36.8	33.4 - 40.1		6,600	--		
Uninsured	1.4 *	0.5 - 2.3		300	1.4 *	0.5 - 2.3		300	--		
Private	60.0	56.6 - 63.4		11,400	59.3	55.7 - 62.9		10,700	--		
Maternal postpartum insurance											
Medi-Cal	28.1	25.0 - 31.2		5,400	28.3	25.0 - 31.6		5,100	--		
Uninsured	6.6	4.7 - 8.6		1,300	6.5	4.7 - 8.4		1,200	--		
Private	61.9	58.4 - 65.3		11,800	61.9	58.3 - 65.5		11,200	--		
Infant health insurance											
Medi-Cal	38.7	35.3 - 42.1		7,200	39.3	35.7 - 42.9		7,000	--		
Uninsured	3.8	2.0 - 5.5		700	3.2	1.7 - 4.8		600	--		
Private	55.3	51.5 - 59.0		10,300	55.0	51.1 - 58.9		9,700	--		
Maternal Demographics											
Age											
15-19	3.0	1.6 - 4.4		600	3.0	1.5 - 4.5		500	--		
20-34	70.5	66.0 - 75.0		13,500	70.5	65.8 - 75.1		12,700	--		
35+	26.5	22.2 - 30.9		5,100	26.5	22.1 - 31.0		4,800	--		
Did not complete high school (or GED)	11.1	8.3 - 13.8		2,100	11.6	8.7 - 14.5		2,000	--		
Unmarried	30.6	26.8 - 34.3		5,800	30.5	26.6 - 34.4		5,500	--		
Race/Ethnicity											
White	25.3	20.9 - 29.7		4,600	23.7	19.3 - 28.1		4,000	--		
Hispanic	29.2	25.3 - 33.2		5,300	29.9	25.8 - 34.1		5,100	--		
Asian/Pacific Islander	34.1	29.2 - 39.0		6,200	34.8	29.8 - 39.8		5,900	--		
Black	10.9	9.7 - 12.1		2,000	11.1	9.8 - 12.5		1,900	--		
Born outside the U.S.	48.6	43.8 - 53.5		9,300	49.4	44.4 - 54.3		8,900	--		
Speaks non-English language at home	38.8	34.1 - 43.5		7,200	39.8	35.0 - 44.7		7,000	--		
Lives in a high poverty neighborhood	24.3	20.8 - 27.8		4,500	24.8	21.2 - 28.4		4,500	--		
Income as a percent of the Federal Poverty Guideline											
0-100%	29.0	25.8 - 32.3		5,200	29.4	26.0 - 32.9		5,000	--		
101-200%	15.3	12.0 - 18.5		2,700	15.6	12.2 - 19.0		2,700	--		
> 200%	55.7	52.0 - 59.4		10,000	55.0	51.1 - 58.9		9,400	--		

-- 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 Alameda County was 642. 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, Alameda County by Income, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Alameda 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		19,100	29.0	25.8 - 32.3	5,200	15.3	12.0 - 18.5	2,700	55.7	52.0 - 59.4	10,000
Health Status before Pregnancy												
In good to excellent health	93.5	91.5 - 95.6	17,800	85.3	80.1 - 90.6	4,400	96.4 *	93.5 - 99.3	2,600	97.4 *	95.2 - 99.5	9,800
Chronic conditions												
Diabetes†	2.9	1.3 - 4.5	600	2.6 *	0.5 - 4.6	100	--			--		
Hypertension†	2.2 *	0.9 - 3.5	400	--			--			1.4 *	0.1 - 2.7	100
Asthma†	11.5	8.1 - 14.8	2,100	12.7	6.9 - 18.6	600	10.7 *	1.0 - 20.5	300	9.7	5.0 - 14.3	1,000
Nutrition and Weight												
Daily folic acid use, month before pregnancy	39.8	35.0 - 44.5	7,600	33.1	25.9 - 40.3	1,700	20.7	11.9 - 29.5	600	50.6	43.1 - 58.1	5,100
Overweight before pregnancy	27.8	23.4 - 32.3	5,100	33.7	25.9 - 41.4	1,700	37.2	25.0 - 49.5	1,000	23.1	16.9 - 29.3	2,300
Obese before pregnancy	18.2	14.6 - 21.7	3,300	21.1	15.5 - 26.8	1,000	31.9	20.2 - 43.5	800	13.4	8.6 - 18.2	1,300
Inadequate weight gain during pregnancy	19.9	15.8 - 24.1	3,200	24.5	16.7 - 32.3	1,000	15.7 *	4.4 - 27.1	300	18.7	13.0 - 24.4	1,700
Excessive weight gain during pregnancy	39.3	34.0 - 44.6	6,300	41.7	33.3 - 50.2	1,700	42.3	29.3 - 55.3	900	38.3	30.6 - 46.1	3,600
Food insecurity during pregnancy	11.6	9.2 - 14.1	2,200	29.5	22.9 - 36.0	1,500	12.8	5.9 - 19.6	400	--		
Intimate Partner Violence (IPV) and Depressive Symptoms												
Physical or psychological IPV during pregnancy	6.2	4.2 - 8.2	1,200	13.5	9.0 - 17.9	700	5.6 *	0.3 - 10.9	200	2.9 *	0.4 - 5.5	300
Prenatal depressive symptoms	11.8	8.9 - 14.7	2,200	22.8	16.2 - 29.4	1,200	10.3 *	4.1 - 16.6	300	5.4 *	1.9 - 8.9	500
Postpartum depressive symptoms	10.1	7.3 - 12.9	1,900	15.9	10.3 - 21.5	800	7.1 *	2.7 - 11.6	200	6.9	2.9 - 10.8	700
Hardships and Support during Pregnancy												
Experienced two or more hardships during childhood	18.9	15.2 - 22.5	3,500	30.9	23.9 - 37.8	1,600	22.8	12.1 - 33.4	600	11.8	7.0 - 16.6	1,200
Homeless or did not have a regular place to sleep	3.0	1.8 - 4.3	600	7.7	4.1 - 11.2	400	3.2 *	0.3 - 6.0	<100	--		
Moved due to problems paying rent or mortgage	4.4	2.6 - 6.3	800	8.1	4.4 - 11.9	400	11.9 *	2.8 - 21.1	300	--		
Woman or partner lost job	11.9	9.2 - 14.7	2,300	26.5	19.8 - 33.1	1,400	11.0 *	4.2 - 17.8	300	3.6 *	1.0 - 6.2	400
Woman or partner had pay or hours cut back	10.2	7.6 - 12.9	1,900	16.8	11.2 - 22.4	900	10.7	4.7 - 16.6	300	4.8 *	1.5 - 8.1	500
Became separated or divorced	4.7	3.0 - 6.3	900	8.0	4.7 - 11.3	400	12.7 *	4.5 - 20.8	300	--		
Had no practical or emotional support	3.0	1.6 - 4.3	600	6.1	2.8 - 9.3	300	4.7 *	0.7 - 8.8	100	--		
Substance Use												
Any smoking, 3 months before pregnancy	8.5	6.0 - 11.0	1,600	14.0	9.4 - 18.6	700	10.3 *	2.8 - 17.8	300	5.9 *	2.3 - 9.5	600
Any smoking, 3rd trimester†	1.8	0.9 - 2.7	300	5.3	2.5 - 8.0	300	--			--		
Any smoking, postpartum	4.1	2.5 - 5.6	800	8.4	4.8 - 12.0	400	--			1.8 *	0.1 - 3.5	200
Any binge drinking, 3 months before pregnancy	13.6	10.2 - 17.0	2,600	8.2	4.7 - 11.7	400	12.4	6.3 - 18.5	300	17.7	11.9 - 23.6	1,800
Any alcohol use, 3rd trimester†	9.1	6.2 - 12.0	1,700	3.0 *	0.9 - 5.0	200	10.0 *	2.5 - 17.5	300	12.5	7.7 - 17.4	1,300
Pregnancy Intention and Family Planning												
Mistimed or unwanted pregnancy	24.9	20.8 - 28.9	4,700	40.3	32.8 - 47.8	2,100	29.4	18.2 - 40.6	800	15.9	10.4 - 21.4	1,600
Unsure of pregnancy intentions	12.7	9.6 - 15.8	2,400	16.6	11.3 - 21.9	900	16.5	6.9 - 26.1	400	9.0	4.9 - 13.1	900
Postpartum birth control use†	85.8	82.5 - 89.0	16,000	86.9	82.4 - 91.3	4,500	87.3	80.6 - 93.9	2,300	85.6	80.4 - 90.7	8,500
Infant Sleep and Breastfeeding												
Placed infant on back to sleep	83.4	79.9 - 86.9	15,600	72.5	65.6 - 79.4	3,700	77.3	67.6 - 87.0	2,100	90.4	85.7 - 95.0	9,000
Infant always or often shared bed	37.2	32.5 - 41.9	7,000	44.3	36.6 - 51.9	2,300	32.6	22.3 - 43.0	900	33.5	26.4 - 40.7	3,300
Intended to breastfeed, before birth	94.6	92.3 - 96.8	17,700	92.9 *	88.6 - 97.3	4,700	--			95.3 *	92.0 - 98.6	9,500
Intended to breastfeed exclusively, before birth	66.0	61.3 - 70.6	12,300	53.5	45.7 - 61.2	2,700	68.4	57.7 - 79.1	1,900	73.2	66.3 - 80.1	7,300
Breastfeeding practices												
Any breastfeeding, 1 month after delivery	89.8	87.1 - 92.5	16,900	84.1	78.2 - 90.0	4,200	82.2	73.1 - 91.3	2,200	94.9 *	91.8 - 97.9	9,500
Exclusive breastfeeding, 1 month after delivery	50.4	45.4 - 55.4	9,200	45.0	37.2 - 52.7	2,200	46.2	33.8 - 58.6	1,200	54.4	46.7 - 62.0	5,300
Any breastfeeding, 3 months after delivery	73.5	68.7 - 78.4	10,600	61.4	53.0 - 69.8	2,600	71.9	60.5 - 83.2	1,600	81.0	73.6 - 88.3	5,800
Exclusive breastfeeding, 3 months after delivery	34.6	29.2 - 39.9	4,900	26.4	18.7 - 34.0	1,100	27.2	15.4 - 39.0	600	42.7	33.8 - 51.6	3,000



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

Maternal and Infant Health Assessment (MIHA) Survey

	Alameda 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	83.3	79.8 - 86.7	15,900	73.3	66.8 - 79.9	3,800	75.5	64.7 - 86.3	2,100	91.9	87.6 - 96.1	9,200
Initiated prenatal care in 1st trimester	90.0	87.1 - 92.8	17,000	80.5	74.4 - 86.6	4,200	81.1	71.0 - 91.2	2,200	--		
Mom or infant needed but couldn't afford care postpartum	11.1	8.2 - 14.0	2,100	22.5	15.7 - 29.3	1,100	10.6	5.0 - 16.3	300	5.8*	2.0 - 9.7	600
Participated in WIC during pregnancy†	40.2	37.0 - 43.4	7,500	85.5	79.9 - 91.1	4,500	65.1	53.4 - 76.7	1,800	6.5*	2.7 - 10.4	600
Received CalFresh (food stamps) during pregnancy	17.9	14.9 - 20.9	3,400	52.0	44.3 - 59.7	2,700	16.0*	6.4 - 25.6	400	--		
Pre-pregnancy insurance												
Medi-Cal	22.2	19.1 - 25.3	4,200	59.6	52.0 - 67.2	3,100	22.5	12.8 - 32.2	600	--		
Uninsured	11.4	8.7 - 14.1	2,200	20.9	14.9 - 26.9	1,100	23.6	13.5 - 33.7	600	--		
Private	62.1	58.6 - 65.7	11,800	14.2	8.0 - 20.4	700	49.0	37.4 - 60.7	1,300	92.6	88.2 - 96.9	9,300
Prenatal insurance												
Medi-Cal	36.2	33.1 - 39.4	6,900	86.4	80.8 - 92.0	4,500	53.9	42.2 - 65.6	1,500	3.0*	0.4 - 5.7	300
Uninsured	1.4*	0.5 - 2.3	300	3.8*	1.1 - 6.5	200	--			--		
Private	60.0	56.6 - 63.4	11,400	8.8	3.9 - 13.7	500	42.5	30.7 - 54.2	1,200	93.5*	89.6 - 97.4	9,400
Maternal postpartum insurance												
Medi-Cal	28.1	25.0 - 31.2	5,400	74.5	67.8 - 81.3	3,900	36.9	26.3 - 47.5	1,000	--		
Uninsured	6.6	4.7 - 8.6	1,300	11.5	7.1 - 15.9	600	11.8	5.1 - 18.4	300	--		
Private	61.9	58.4 - 65.3	11,800	10.8	5.1 - 16.5	600	47.4	35.4 - 59.3	1,300	93.8	90.1 - 97.4	9,400
Infant health insurance												
Medi-Cal	38.7	35.3 - 42.1	7,200	90.9	86.6 - 95.3	4,500	56.4	44.3 - 68.5	1,500	6.2*	2.2 - 10.2	600
Uninsured	3.8	2.0 - 5.5	700	5.3*	2.1 - 8.6	300	--			--		
Private	55.3	51.5 - 59.0	10,300	3.2*	0.3 - 6.2	200	36.0	23.7 - 48.2	1,000	88.9	83.8 - 94.0	8,900
Maternal Demographics												
Did not complete high school (or GED)	11.1	8.3 - 13.8	2,100	26.0	19.2 - 32.8	1,300	12.4*	4.5 - 20.4	300	--		
Unmarried	30.6	26.8 - 34.3	5,800	64.1	56.5 - 71.6	3,300	36.8	26.1 - 47.4	1,000	10.6	5.8 - 15.4	1,100
Race/Ethnicity												
White	25.3	20.9 - 29.7	4,600	7.4	3.3 - 11.4	400	20.0	8.4 - 31.5	500	37.6	30.1 - 45.0	3,500
Hispanic	29.2	25.3 - 33.2	5,300	46.4	39.2 - 53.7	2,300	47.5	35.6 - 59.4	1,200	12.9	7.7 - 18.1	1,200
Asian/Pacific Islander	34.1	29.2 - 39.0	6,200	21.2	13.9 - 28.4	1,100	20.9	11.1 - 30.7	500	45.8	38.0 - 53.5	4,300
Black	10.9	9.7 - 12.1	2,000	24.4	20.1 - 28.6	1,200	11.4	6.4 - 16.3	300	3.4	1.9 - 5.0	300
Born outside the U.S.	48.6	43.8 - 53.5	9,300	50.3	42.9 - 57.6	2,600	43.5	32.1 - 55.0	1,200	46.9	39.3 - 54.4	4,700
Speaks non-English language at home	38.8	34.1 - 43.5	7,200	51.9	44.7 - 59.2	2,700	30.5	20.6 - 40.5	800	33.2	26.1 - 40.4	3,300
Lives in a high poverty neighborhood	24.3	20.8 - 27.8	4,500	49.1	41.4 - 56.8	2,500	26.0	16.8 - 35.2	700	9.6	5.3 - 13.9	900

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

Maternal and Infant Health Assessment (MIHA) Survey

	Alameda 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		19,100	3.0	1.6 - 4.4	600	70.5	66.0 - 75.0	13,500	26.5	22.2 - 30.9	5,100
Health Status before Pregnancy												
In good to excellent health	93.5	91.5 - 95.6	17,800	--			94.1	91.9 - 96.4	12,600	91.3	86.3 - 96.4	4,600
Chronic conditions												
Diabetes†	2.9	1.3 - 4.5	600	--			3.3*	1.3 - 5.2	400	--		
Hypertension†	2.2*	0.9 - 3.5	400	--			1.7*	0.1 - 3.3	200	3.8*	1.1 - 6.5	200
Asthma†	11.5	8.1 - 14.8	2,100	--			9.0	5.6 - 12.5	1,200	16.1	8.3 - 23.9	800
Nutrition and Weight												
Daily folic acid use, month before pregnancy	39.8	35.0 - 44.5	7,600	--			36.8	31.2 - 42.4	4,900	50.8	41.0 - 60.6	2,600
Overweight before pregnancy	27.8	23.4 - 32.3	5,100	38.7*	12.9 - 64.4	200	28.9	23.6 - 34.3	3,700	23.6	15.4 - 31.8	1,200
Obese before pregnancy	18.2	14.6 - 21.7	3,300	--			18.2	13.9 - 22.5	2,300	19.3	12.1 - 26.5	900
Inadequate weight gain during pregnancy	19.9	15.8 - 24.1	3,200	32.0*	9.1 - 54.8	200	20.5	15.5 - 25.6	2,300	17.2	9.5 - 24.8	700
Excessive weight gain during pregnancy	39.3	34.0 - 44.6	6,300	50.3	23.9 - 76.6	200	41.3	35.0 - 47.6	4,700	32.8	22.9 - 42.8	1,400
Food insecurity during pregnancy	11.6	9.2 - 14.1	2,200	14.2*	1.5 - 27.0	<100	12.7	9.6 - 15.8	1,700	8.5	4.0 - 13.0	400
Intimate Partner Violence (IPV) and Depressive Symptoms												
Physical or psychological IPV during pregnancy	6.2	4.2 - 8.2	1,200	--			6.2	4.0 - 8.4	800	5.7*	1.1 - 10.2	300
Prenatal depressive symptoms	11.8	8.9 - 14.7	2,200	29.2*	3.3 - 55.1	200	12.4	8.9 - 15.9	1,700	8.2	3.6 - 12.8	400
Postpartum depressive symptoms	10.1	7.3 - 12.9	1,900	--			10.1	6.9 - 13.3	1,400	10.4	4.4 - 16.5	500
Hardships and Support during Pregnancy												
Experienced two or more hardships during childhood	18.9	15.2 - 22.5	3,500	--			20.4	15.9 - 24.8	2,700	14.4	7.9 - 20.9	700
Homeless or did not have a regular place to sleep	3.0	1.8 - 4.3	600	--			3.3	1.8 - 4.9	400	2.4*	0.1 - 4.7	100
Moved due to problems paying rent or mortgage	4.4	2.6 - 6.3	800	--			5.4	3.0 - 7.8	700	--		
Woman or partner lost job	11.9	9.2 - 14.7	2,300	22.1*	5.2 - 39.1	100	11.9	8.6 - 15.2	1,600	10.9	5.5 - 16.2	500
Woman or partner had pay or hours cut back	10.2	7.6 - 12.9	1,900	15.5*	1.3 - 29.6	<100	10.1	6.9 - 13.3	1,300	10.1	4.8 - 15.3	500
Became separated or divorced	4.7	3.0 - 6.3	900	--			4.7	2.8 - 6.7	600	4.7*	1.4 - 8.0	200
Had no practical or emotional support	3.0	1.6 - 4.3	600	--			4.1	2.2 - 5.9	500	--		
Substance Use												
Any smoking, 3 months before pregnancy	8.5	6.0 - 11.0	1,600	--			9.2	6.1 - 12.4	1,200	6.3*	2.2 - 10.4	300
Any smoking, 3rd trimester†	1.8	0.9 - 2.7	300	--			1.9	0.9 - 2.9	300	--		
Any smoking, postpartum	4.1	2.5 - 5.6	800	--			4.5	2.5 - 6.5	600	3.3*	0.6 - 6.1	200
Any binge drinking, 3 months before pregnancy	13.6	10.2 - 17.0	2,600	--			15.0	10.8 - 19.3	2,000	11.4	5.2 - 17.5	600
Any alcohol use, 3rd trimester†	9.1	6.2 - 12.0	1,700	--			7.9	4.8 - 11.1	1,100	13.0	6.2 - 19.9	700
Pregnancy Intention and Family Planning												
Mistimed or unwanted pregnancy	24.9	20.8 - 28.9	4,700	74.5*	56.8 - 92.1	400	26.1	21.3 - 31.0	3,500	16.1	8.9 - 23.3	800
Unsure of pregnancy intentions	12.7	9.6 - 15.8	2,400	--			11.2	7.9 - 14.4	1,500	17.2	9.9 - 24.6	900
Postpartum birth control use†	85.8	82.5 - 89.0	16,000	86.1*	72.7 - 99.5	500	86.9	83.2 - 90.6	11,500	82.7	75.4 - 89.9	4,000
Infant Sleep and Breastfeeding												
Placed infant on back to sleep	83.4	79.9 - 86.9	15,600	44.6	21.2 - 68.1	200	85.6	81.7 - 89.4	11,300	81.9	74.5 - 89.3	4,100
Infant always or often shared bed	37.2	32.5 - 41.9	7,000	51.6	27.6 - 75.6	300	36.2	30.8 - 41.6	4,800	38.3	28.5 - 48.1	1,900
Intended to breastfeed, before birth	94.6	92.3 - 96.8	17,700	--			94.8	92.4 - 97.3	12,500	94.6*	89.5 - 99.6	4,700
Intended to breastfeed exclusively, before birth	66.0	61.3 - 70.6	12,300	25.5*	7.7 - 43.2	100	68.3	63.0 - 73.7	9,000	64.2	54.5 - 73.8	3,200
Breastfeeding practices												
Any breastfeeding, 1 month after delivery	89.8	87.1 - 92.5	16,900	73.0*	53.1 - 92.9	400	88.8	85.4 - 92.2	11,800	94.3*	90.2 - 98.4	4,600
Exclusive breastfeeding, 1 month after delivery	50.4	45.4 - 55.4	9,200	36.7	15.8 - 57.6	200	53.0	47.1 - 58.9	6,800	45.0	34.9 - 55.1	2,200
Any breastfeeding, 3 months after delivery	73.5	68.7 - 78.4	10,600	49.0	22.0 - 76.1	200	73.0	67.3 - 78.7	7,500	78.0	68.4 - 87.6	2,900
Exclusive breastfeeding, 3 months after delivery	34.6	29.2 - 39.9	4,900	17.8*	2.4 - 33.2	<100	34.5	28.3 - 40.8	3,400	36.8	25.4 - 48.3	1,400



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

Maternal and Infant Health Assessment (MIHA) Survey

	Alameda 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	83.3	79.8 - 86.7		15,900	--			80.7	76.3 - 85.0	10,900	89.7	83.9 - 95.4	4,500
Initiated prenatal care in 1st trimester	90.0	87.1 - 92.8		17,000	72.8 *	53.0 - 92.7	400	88.9	85.3 - 92.6	11,800	94.5 *	89.8 - 99.1	4,800
Mom or infant needed but couldn't afford care postpartum	11.1	8.2 - 14.0		2,100	--			13.5	9.7 - 17.2	1,800	4.7 *	0.7 - 8.8	200
Participated in WIC during pregnancy†	40.2	37.0 - 43.4		7,500	--			44.7	40.2 - 49.2	5,800	22.7	16.0 - 29.5	1,100
Received CalFresh (food stamps) during pregnancy	17.9	14.9 - 20.9		3,400	21.4 *	5.6 - 37.1	100	20.3	16.4 - 24.2	2,700	11.3	6.2 - 16.4	600
Pre-pregnancy insurance													
Medi-Cal	22.2	19.1 - 25.3		4,200	85.2 *	71.4 - 99.0	500	23.4	19.5 - 27.3	3,100	11.8	6.5 - 17.1	600
Uninsured	11.4	8.7 - 14.1		2,200	--			13.8	10.3 - 17.4	1,900	5.4 *	1.6 - 9.1	300
Private	62.1	58.6 - 65.7		11,800	--			58.1	53.3 - 62.8	7,800	79.3	72.5 - 86.0	4,000
Prenatal insurance													
Medi-Cal	36.2	33.1 - 39.4		6,900	--			40.2	35.8 - 44.6	5,400	19.3	12.9 - 25.8	1,000
Uninsured	1.4 *	0.5 - 2.3		300	--			1.5 *	0.4 - 2.5	200	--		
Private	60.0	56.6 - 63.4		11,400	--			55.7	51.0 - 60.3	7,500	77.5	70.6 - 84.4	3,900
Maternal postpartum insurance													
Medi-Cal	28.1	25.0 - 31.2		5,400	65.2 *	39.9 - 91.6	400	30.9	26.8 - 35.0	4,200	16.5	10.5 - 22.6	800
Uninsured	6.6	4.7 - 8.6		1,300	--			7.8	5.2 - 10.4	1,000	2.8 *	0.8 - 4.9	100
Private	61.9	58.4 - 65.3		11,800	--			57.2	52.5 - 61.8	7,700	79.3	72.7 - 85.8	4,000
Infant health insurance													
Medi-Cal	38.7	35.3 - 42.1		7,200	--			43.3	38.6 - 47.9	5,700	20.6	13.8 - 27.5	1,000
Uninsured	3.8	2.0 - 5.5		700	--			3.9	1.8 - 6.1	500	--		
Private	55.3	51.5 - 59.0		10,300	--			50.3	45.4 - 55.2	6,600	74.6	66.9 - 82.2	3,700
Maternal Demographics													
Did not complete high school (or GED)	11.1	8.3 - 13.8		2,100	48.5	24.1 - 72.9	300	10.5	7.4 - 13.6	1,400	8.3 *	3.3 - 13.4	400
Unmarried	30.6	26.8 - 34.3		5,800	--			31.9	27.3 - 36.5	4,200	20.6	13.0 - 28.1	1,000
Race/Ethnicity													
White	25.3	20.9 - 29.7		4,600	--			24.3	18.9 - 29.6	3,100	30.5	21.3 - 39.8	1,400
Hispanic	29.2	25.3 - 33.2		5,300	66.1 *	44.9 - 87.4	400	30.5	25.6 - 35.3	3,900	21.3	14.1 - 28.5	1,000
Asian/Pacific Islander	34.1	29.2 - 39.0		6,200	--			33.3	27.7 - 39.0	4,300	40.3	29.8 - 50.8	1,900
Black	10.9	9.7 - 12.1		2,000	28.0 *	7.9 - 48.0	200	11.5	9.7 - 13.3	1,500	7.3	3.7 - 10.9	300
Born outside the U.S.	48.6	43.8 - 53.5		9,300	24.4 *	6.8 - 42.0	100	48.5	42.7 - 54.2	6,500	51.8	42.0 - 61.7	2,600
Speaks non-English language at home	38.8	34.1 - 43.5		7,200	19.2 *	3.9 - 34.5	100	41.6	36.0 - 47.2	5,500	33.6	24.2 - 43.0	1,600
Lives in a high poverty neighborhood	24.3	20.8 - 27.8		4,500	64.2 *	42.5 - 85.8	300	25.8	21.5 - 30.1	3,400	16.0	9.2 - 22.8	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 Alameda County was 642. 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, Alameda County by Neighborhood Poverty, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Alameda 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		19,100	23.9	19.4 - 28.3	4,400	25.8	21.4 - 30.2	4,800	26.0	21.7 - 30.3	4,800	24.3	20.8 - 27.8	4,500
Health Status before Pregnancy															
In good to excellent health	93.5	91.5 - 95.6	17,800	--			94.5 *	90.8 - 98.1	4,500	95.3 *	91.8 - 98.7	4,600	88.1	82.5 - 93.8	4,000
Chronic conditions															
Diabetes†	2.9	1.3 - 4.5	600	--			--			4.5 *	0.4 - 8.5	200	--		
Hypertension†	2.2 *	0.9 - 3.5	400	--			--			--			--		
Asthma†	11.5	8.1 - 14.8	2,100	10.1 *	3.0 - 17.3	400	12.5 *	5.1 - 20.0	600	10.2 *	3.4 - 17.1	500	12.6	6.8 - 18.4	600
Nutrition and Weight															
Daily folic acid use, month before pregnancy	39.8	35.0 - 44.5	7,600	49.5	38.1 - 60.9	2,200	43.4	33.4 - 53.4	2,100	38.4	29.1 - 47.7	1,800	28.3	20.3 - 36.2	1,300
Overweight before pregnancy	27.8	23.4 - 32.3	5,100	19.7	11.0 - 28.4	800	25.1	16.4 - 33.8	1,200	31.3	22.1 - 40.5	1,400	34.0	25.2 - 42.9	1,400
Obese before pregnancy	18.2	14.6 - 21.7	3,300	9.6 *	3.9 - 15.2	400	19.0	11.3 - 26.6	900	21.5	13.7 - 29.2	1,000	21.5	14.2 - 28.8	900
Inadequate weight gain during pregnancy	19.9	15.8 - 24.1	3,200	14.1	6.4 - 21.8	500	20.1	11.5 - 28.7	900	15.9	8.9 - 22.9	700	33.0	23.1 - 42.9	1,100
Excessive weight gain during pregnancy	39.3	34.0 - 44.6	6,300	36.9	25.0 - 48.8	1,400	35.9	25.6 - 46.2	1,500	41.9	31.6 - 52.2	1,700	40.7	30.8 - 50.7	1,400
Food insecurity during pregnancy	11.6	9.2 - 14.1	2,200	3.3 *	0.2 - 6.4	100	10.7	4.9 - 16.5	500	10.3	6.0 - 14.7	500	22.2	15.6 - 28.7	1,000
Intimate Partner Violence (IPV) and Depressive Symptoms															
Physical or psychological IPV during pregnancy	6.2	4.2 - 8.2	1,200	--			8.6	3.7 - 13.5	400	3.8 *	1.2 - 6.3	200	11.1	5.4 - 16.8	500
Prenatal depressive symptoms	11.8	8.9 - 14.7	2,200	5.4 *	0.9 - 9.9	200	8.1	3.8 - 12.5	400	16.3	8.9 - 23.8	800	18.4	11.7 - 25.0	800
Postpartum depressive symptoms	10.1	7.3 - 12.9	1,900	5.6 *	0.6 - 10.5	200	13.0	6.2 - 19.7	600	9.4	4.0 - 14.8	500	12.5	7.2 - 17.8	600
Hardships and Support during Pregnancy															
Experienced two or more hardships during childhood	18.9	15.2 - 22.5	3,500	11.2 *	4.1 - 18.3	500	18.3	10.1 - 26.6	900	15.7	9.4 - 22.0	700	28.2	20.4 - 36.1	1,200
Homeless or did not have a regular place to sleep	3.0	1.8 - 4.3	600	--			2.6 *	0.5 - 4.8	100	1.7 *	0.2 - 3.1	<100	6.7	2.9 - 10.5	300
Moved due to problems paying rent or mortgage	4.4	2.6 - 6.3	800	--			--			1.9 *	0.4 - 3.4	<100	7.9	3.9 - 11.9	300
Woman or partner lost job	11.9	9.2 - 14.7	2,300	6.4 *	1.5 - 11.2	300	8.6	4.2 - 13.1	400	10.0	4.8 - 15.1	500	21.8	14.9 - 28.7	1,000
Woman or partner had pay or hours cut back	10.2	7.6 - 12.9	1,900	3.8 *	0.9 - 6.7	200	10.0 *	3.9 - 16.1	500	10.9	5.4 - 16.5	500	16.6	10.2 - 23.0	700
Became separated or divorced	4.7	3.0 - 6.3	900	--			5.0 *	0.7 - 9.3	200	4.7 *	1.6 - 7.7	200	6.0	2.9 - 9.2	300
Had no practical or emotional support	3.0	1.6 - 4.3	600	--			2.9 *	0.4 - 5.5	100	2.8 *	0.4 - 5.1	100	4.6 *	1.4 - 7.8	200
Substance Use															
Any smoking, 3 months before pregnancy	8.5	6.0 - 11.0	1,600	--			5.9 *	1.7 - 10.1	300	9.5	4.1 - 15.0	400	15.8	9.2 - 22.4	700
Any smoking, 3rd trimester†	1.8	0.9 - 2.7	300	--			--			--			4.4 *	1.4 - 7.3	200
Any smoking, postpartum	4.1	2.5 - 5.6	800	--			--			2.0 *	0.1 - 3.9	<100	7.5	3.8 - 11.1	300
Any binge drinking, 3 months before pregnancy	13.6	10.2 - 17.0	2,600	11.3	4.7 - 17.9	500	10.4 *	4.0 - 16.8	500	18.8	10.5 - 27.1	900	13.1	7.6 - 18.7	600
Any alcohol use, 3rd trimester†	9.1	6.2 - 12.0	1,700	9.5 *	3.0 - 16.0	400	11.7	5.0 - 18.5	500	8.7 *	3.2 - 14.2	400	5.8 *	1.7 - 10.0	300
Pregnancy Intention and Family Planning															
Mistimed or unwanted pregnancy	24.9	20.8 - 28.9	4,700	18.2	9.1 - 27.4	800	20.9	13.9 - 27.9	1,000	24.0	15.9 - 32.1	1,100	38.5	29.8 - 47.2	1,700
Unsure of pregnancy intentions	12.7	9.6 - 15.8	2,400	13.5	5.8 - 21.1	600	11.5	5.6 - 17.4	500	12.2	5.9 - 18.4	600	13.5	8.8 - 18.3	600
Postpartum birth control use†	85.8	82.5 - 89.0	16,000	88.8 *	81.4 - 96.2	3,900	84.5	77.4 - 91.5	4,000	82.9	76.0 - 89.8	3,800	86.9	82.0 - 91.9	3,800
Infant Sleep and Breastfeeding															
Placed infant on back to sleep	83.4	79.9 - 86.9	15,600	90.0 *	82.4 - 97.6	3,900	84.3	76.8 - 91.8	4,000	83.7	77.6 - 89.9	3,900	75.9	68.5 - 83.3	3,400
Infant always or often shared bed	37.2	32.5 - 41.9	7,000	20.3	11.3 - 29.2	900	33.9	24.5 - 43.3	1,600	43.2	33.5 - 52.8	2,000	49.7	41.0 - 58.4	2,200
Intended to breastfeed, before birth	94.6	92.3 - 96.8	17,700	93.9 *	88.8 - 99.0	4,100	--			93.4 *	88.1 - 98.7	4,400	94.0 *	89.6 - 98.3	4,000
Intended to breastfeed exclusively, before birth	66.0	61.3 - 70.6	12,300	71.5	61.7 - 81.4	3,100	69.5	60.0 - 79.1	3,200	63.7	54.4 - 73.1	3,000	58.0	49.0 - 66.9	2,500
Breastfeeding practices															
Any breastfeeding, 1 month after delivery	89.8	87.1 - 92.5	16,900	95.5 *	91.5 - 99.4	4,200	91.0 *	85.3 - 96.7	4,300	90.9	85.8 - 95.9	4,300	81.7	74.8 - 88.6	3,600
Exclusive breastfeeding, 1 month after delivery	50.4	45.4 - 55.4	9,200	53.1	41.4 - 64.7	2,300	49.1	38.8 - 59.4	2,300	50.0	40.2 - 59.8	2,300	46.6	37.8 - 55.4	2,000
Any breastfeeding, 3 months after delivery	73.5	68.7 - 78.4	10,600	77.2	66.4 - 88.0	2,500	78.8	69.6 - 88.1	2,700	71.1	60.8 - 81.3	2,700	68.1	59.2 - 77.0	2,500
Exclusive breastfeeding, 3 months after delivery	34.6	29.2 - 39.9	4,900	32.1	19.1 - 45.1	1,000	38.8	27.1 - 50.4	1,300	35.4	25.2 - 45.6	1,300	31.1	22.0 - 40.2	1,100

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, Alameda County by Neighborhood Poverty, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Alameda 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	83.3	79.8 - 86.7	15,900	90.0*	83.2 - 96.8	4,000	83.0	75.0 - 91.1	4,000	83.8	77.7 - 89.8	4,000	75.9	68.4 - 83.4	3,400
Initiated prenatal care in 1st trimester	90.0	87.1 - 92.8	17,000	--			92.2*	86.6 - 97.7	4,300	91.2	86.7 - 95.8	4,400	80.1	72.0 - 88.1	3,500
Mom or infant needed but couldn't afford care postpartum	11.1	8.2 - 14.0	2,100	3.2*	0.7 - 5.8	100	14.1	7.3 - 20.9	700	6.0	2.7 - 9.3	300	18.8	11.1 - 26.4	800
Participated in WIC during pregnancy†	40.2	37.0 - 43.4	7,500	11.3	5.8 - 16.9	500	35.2	26.3 - 44.2	1,700	39.2	31.0 - 47.4	1,900	73.4	65.4 - 81.3	3,200
Received CalFresh (food stamps) during pregnancy	17.9	14.9 - 20.9	3,400	6.6*	0.9 - 12.2	300	10.7	5.3 - 16.1	500	13.9	7.6 - 20.1	700	40.4	32.4 - 48.4	1,800
Pre-pregnancy insurance															
Medi-Cal	22.2	19.1 - 25.3	4,200	7.6*	1.9 - 13.3	300	12.4	7.5 - 17.3	600	23.8	16.8 - 30.9	1,100	45.3	36.9 - 53.8	2,000
Uninsured	11.4	8.7 - 14.1	2,200	3.5*	0.1 - 6.8	200	14.4	6.9 - 21.8	700	11.0	6.8 - 15.3	500	17.2	10.9 - 23.4	800
Private	62.1	58.6 - 65.7	11,800	88.8	82.3 - 95.2	3,900	68.8	60.0 - 77.5	3,300	58.5	49.8 - 67.2	2,800	33.8	25.0 - 42.6	1,500
Prenatal insurance															
Medi-Cal	36.2	33.1 - 39.4	6,900	12.5	5.9 - 19.2	600	29.0	20.7 - 37.4	1,400	37.2	29.3 - 45.1	1,800	65.2	56.5 - 73.9	2,900
Uninsured	1.4*	0.5 - 2.3	300	--			--			--			--		
Private	60.0	56.6 - 63.4	11,400	85.4	78.3 - 92.5	3,800	65.6	56.7 - 74.5	3,100	58.5	50.1 - 67.0	2,800	31.2	22.5 - 39.9	1,400
Maternal postpartum insurance															
Medi-Cal	28.1	25.0 - 31.2	5,400	8.3	3.6 - 12.9	400	17.5	10.9 - 24.0	800	32.4	24.6 - 40.1	1,500	52.9	44.3 - 61.5	2,400
Uninsured	6.6	4.7 - 8.6	1,300	--			4.9*	2.0 - 7.8	200	6.7	3.1 - 10.2	300	11.6	6.5 - 16.7	500
Private	61.9	58.4 - 65.3	11,800	88.1	82.2 - 93.9	3,900	72.7	64.8 - 80.5	3,500	57.7	49.2 - 66.3	2,800	32.4	23.4 - 41.4	1,400
Infant health insurance															
Medi-Cal	38.7	35.3 - 42.1	7,200	8.7	4.3 - 13.1	400	30.5	22.0 - 38.9	1,400	40.3	31.9 - 48.6	1,900	74.6	66.9 - 82.2	3,300
Uninsured	3.8	2.0 - 5.5	700	--			--			2.2*	0.2 - 4.2	100	4.1*	1.0 - 7.2	200
Private	55.3	51.5 - 59.0	10,300	86.9	81.0 - 92.8	3,700	62.9	53.7 - 72.1	3,000	54.1	45.2 - 63.0	2,500	20.0	12.7 - 27.4	900
Maternal Demographics															
Age															
15-19	3.0	1.6 - 4.4	600	--			--			2.8*	0.6 - 5.0	100	7.8*	2.6 - 12.9	300
20-34	70.5	66.0 - 75.0	13,500	70.3	59.7 - 80.9	3,100	73.4	64.5 - 82.2	3,500	63.5	54.4 - 72.6	3,000	74.7	66.6 - 82.9	3,400
35+	26.5	22.2 - 30.9	5,100	29.3	18.8 - 39.9	1,300	25.8	16.9 - 34.6	1,200	33.7	24.6 - 42.7	1,600	17.5	10.3 - 24.7	800
Did not complete high school (or GED)	11.1	8.3 - 13.8	2,100	4.7*	0.5 - 8.9	200	7.5*	2.8 - 12.1	400	9.3	4.5 - 14.0	400	24.6	16.7 - 32.5	1,100
Unmarried	30.6	26.8 - 34.3	5,800	12.7	6.6 - 18.8	600	19.9	12.7 - 27.0	900	31.7	23.3 - 40.1	1,500	58.2	49.4 - 66.9	2,600
Race/Ethnicity															
White	25.3	20.9 - 29.7	4,600	34.2	23.3 - 45.2	1,500	29.8	19.9 - 39.6	1,300	27.5	18.7 - 36.4	1,300	7.1*	2.2 - 11.9	300
Hispanic	29.2	25.3 - 33.2	5,300	11.6	4.8 - 18.4	500	29.1	19.7 - 38.5	1,200	32.7	24.4 - 41.0	1,500	44.3	36.0 - 52.6	1,900
Asian/Pacific Islander	34.1	29.2 - 39.0	6,200	51.2	39.6 - 62.7	2,200	36.3	26.2 - 46.4	1,500	31.7	22.4 - 41.1	1,500	18.4	10.1 - 26.8	800
Black	10.9	9.7 - 12.1	2,000	2.9*	0.1 - 5.6	100	4.5	2.3 - 6.7	200	7.1	4.3 - 9.9	300	29.9	23.7 - 36.0	1,300
Born outside the U.S.	48.6	43.8 - 53.5	9,300	55.8	44.5 - 67.2	2,500	41.5	31.5 - 51.4	2,000	53.5	44.1 - 62.9	2,600	44.7	36.3 - 53.1	2,000
Speaks non-English language at home	38.8	34.1 - 43.5	7,200	38.7	27.4 - 50.0	1,600	30.9	21.8 - 40.0	1,400	39.3	30.1 - 48.6	1,800	47.5	39.0 - 56.0	2,100
Income as a percent of the Federal Poverty Guideline															
0-100%	29.0	25.8 - 32.3	5,200	10.7	5.2 - 16.3	400	18.4	11.8 - 25.1	800	27.9	20.3 - 35.5	1,300	60.3	51.3 - 69.4	2,500
101-200%	15.3	12.0 - 18.5	2,700	10.1*	2.8 - 17.4	400	15.9	8.3 - 23.5	700	18.1	11.7 - 24.5	800	16.9	10.9 - 23.0	700
> 200%	55.7	52.0 - 59.4	10,000	79.1	70.4 - 87.8	3,300	65.7	56.7 - 74.7	3,000	54.0	45.0 - 63.0	2,400	22.8	14.0 - 31.5	900

-- 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 Alameda County was 642. 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, Alameda County by Prenatal Health Insurance, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Alameda County			Medi-Cal			Private		
	%	95% CI	N	%	95% CI	N	%	95% CI	N
Total	100		19,100	36.2	33.1 - 39.4	6,900	60.0	56.6 - 63.4	11,400
Health Status before Pregnancy									
In good to excellent health	93.5	91.5 - 95.6	17,800	87.2	82.9 - 91.5	6,000	97.0 *	94.8 - 99.2	11,100
Chronic conditions									
Diabetes†	2.9	1.3 - 4.5	600	2.7 *	0.9 - 4.5	200	3.2 *	0.8 - 5.6	400
Hypertension†	2.2 *	0.9 - 3.5	400	--			2.1 *	0.5 - 3.7	200
Asthma†	11.5	8.1 - 14.8	2,100	14.3	8.6 - 19.9	1,000	9.4	5.4 - 13.5	1,100
Nutrition and Weight									
Daily folic acid use, month before pregnancy	39.8	35.0 - 44.5	7,600	25.8	20.0 - 31.6	1,800	48.2	41.3 - 55.0	5,500
Overweight before pregnancy	27.8	23.4 - 32.3	5,100	32.7	25.9 - 39.6	2,100	25.8	19.8 - 31.7	2,900
Obese before pregnancy	18.2	14.6 - 21.7	3,300	24.7	18.8 - 30.6	1,500	14.4	9.8 - 19.1	1,600
Inadequate weight gain during pregnancy	19.9	15.8 - 24.1	3,200	23.5	16.6 - 30.4	1,200	18.7	13.3 - 24.1	2,000
Excessive weight gain during pregnancy	39.3	34.0 - 44.6	6,300	40.9	33.7 - 48.2	2,100	38.8	31.6 - 46.0	4,100
Food insecurity during pregnancy	11.6	9.2 - 14.1	2,200	26.5	20.6 - 32.4	1,800	2.2 *	0.6 - 3.8	200
Intimate Partner Violence (IPV) and Depressive Symptoms									
Physical or psychological IPV during pregnancy	6.2	4.2 - 8.2	1,200	11.5	7.8 - 15.3	800	2.9 *	0.6 - 5.3	300
Prenatal depressive symptoms	11.8	8.9 - 14.7	2,200	19.8	14.4 - 25.2	1,400	6.4	3.1 - 9.7	700
Postpartum depressive symptoms	10.1	7.3 - 12.9	1,900	15.2	10.0 - 20.3	1,000	6.8	3.6 - 10.1	800
Hardships and Support during Pregnancy									
Experienced two or more hardships during childhood	18.9	15.2 - 22.5	3,500	31.0	24.2 - 37.7	2,100	11.9	7.6 - 16.2	1,400
Homeless or did not have a regular place to sleep	3.0	1.8 - 4.3	600	6.6	3.8 - 9.4	400	--		
Moved due to problems paying rent or mortgage	4.4	2.6 - 6.3	800	10.2	5.7 - 14.8	700	1.2 *	0.0 - 2.3	100
Woman or partner lost job	11.9	9.2 - 14.7	2,300	22.5	17.0 - 28.1	1,500	5.0	2.2 - 7.8	600
Woman or partner had pay or hours cut back	10.2	7.6 - 12.9	1,900	19.0	13.3 - 24.7	1,300	5.1	2.4 - 7.7	600
Became separated or divorced	4.7	3.0 - 6.3	900	8.9	5.5 - 12.3	600	2.3 *	0.5 - 4.0	300
Had no practical or emotional support	3.0	1.6 - 4.3	600	5.1	2.5 - 7.6	300	--		
Substance Use									
Any smoking, 3 months before pregnancy	8.5	6.0 - 11.0	1,600	13.6	9.4 - 17.8	900	5.6	2.3 - 8.8	600
Any smoking, 3rd trimester†	1.8	0.9 - 2.7	300	3.9	1.9 - 6.0	300	--		
Any smoking, postpartum	4.1	2.5 - 5.6	800	8.7	5.2 - 12.2	600	--		
Any binge drinking, 3 months before pregnancy	13.6	10.2 - 17.0	2,600	10.6	6.3 - 15.0	700	14.8	10.0 - 19.5	1,700
Any alcohol use, 3rd trimester†	9.1	6.2 - 12.0	1,700	4.1	1.9 - 6.2	300	12.6	8.1 - 17.2	1,400
Pregnancy Intention and Family Planning									
Mistimed or unwanted pregnancy	24.9	20.8 - 28.9	4,700	35.0	28.5 - 41.4	2,400	18.4	13.1 - 23.7	2,100
Unsure of pregnancy intentions	12.7	9.6 - 15.8	2,400	15.4	10.9 - 19.8	1,100	11.3	7.0 - 15.6	1,300
Postpartum birth control use†	85.8	82.5 - 89.0	16,000	87.1	83.4 - 90.8	5,800	85.1	80.3 - 89.9	9,600
Infant Sleep and Breastfeeding									
Placed infant on back to sleep	83.4	79.9 - 86.9	15,600	75.2	69.1 - 81.2	5,100	88.3	83.9 - 92.8	10,000
Infant always or often shared bed	37.2	32.5 - 41.9	7,000	44.1	37.4 - 50.9	3,000	33.2	26.7 - 39.7	3,700
Intended to breastfeed, before birth	94.6	92.3 - 96.8	17,700	94.3	91.2 - 97.3	6,300	94.5 *	91.3 - 97.7	10,700
Intended to breastfeed exclusively, before birth	66.0	61.3 - 70.6	12,300	56.8	49.8 - 63.7	3,800	72.4	66.3 - 78.5	8,200
Breastfeeding practices									
Any breastfeeding, 1 month after delivery	89.8	87.1 - 92.5	16,900	83.5	78.2 - 88.8	5,600	93.3	90.2 - 96.4	10,600
Exclusive breastfeeding, 1 month after delivery	50.4	45.4 - 55.4	9,200	42.5	35.6 - 49.3	2,800	55.7	48.8 - 62.6	6,100
Any breastfeeding, 3 months after delivery	73.5	68.7 - 78.4	10,600	67.2	60.2 - 74.3	3,800	78.8	72.2 - 85.3	6,500
Exclusive breastfeeding, 3 months after delivery	34.6	29.2 - 39.9	4,900	22.9	16.9 - 28.8	1,300	43.9	35.7 - 52.0	3,500



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

Maternal and Infant Health Assessment (MIHA) Survey

	Alameda 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	83.3	79.8 - 86.7		15,900	69.2	62.6 - 75.7		4,800	91.9	88.1 - 95.7		10,500
Initiated prenatal care in 1st trimester	90.0	87.1 - 92.8		17,000	80.7	74.9 - 86.4		5,600	96.1 *	93.1 - 99.1		10,800
Mom or infant needed but couldn't afford care postpartum	11.1	8.2 - 14.0		2,100	17.7	12.2 - 23.2		1,200	6.8	3.4 - 10.1		800
Participated in WIC during pregnancy†	40.2	37.0 - 43.4		7,500	84.9	79.6 - 90.1		5,800	12.8	8.8 - 16.9		1,400
Received CalFresh (food stamps) during pregnancy	17.9	14.9 - 20.9		3,400	45.1	38.3 - 51.8		3,100	1.8 *	0.3 - 3.3		200
Pre-pregnancy insurance												
Medi-Cal	22.2	19.1 - 25.3		4,200	58.6	51.8 - 65.4		4,000	--			
Uninsured	11.4	8.7 - 14.1		2,200	26.5	20.3 - 32.8		1,800	--			
Private	62.1	58.6 - 65.7		11,800	8.7	4.8 - 12.6		600	97.1 *	94.8 - 99.4		11,100
Maternal postpartum insurance												
Medi-Cal	28.1	25.0 - 31.2		5,400	71.9	65.3 - 78.6		5,000	1.6 *	0.4 - 2.9		200
Uninsured	6.6	4.7 - 8.6		1,300	13.0	9.1 - 16.9		900	--			
Private	61.9	58.4 - 65.3		11,800	10.8	4.7 - 17.0		700	96.1 *	93.6 - 98.6		11,000
Infant health insurance												
Medi-Cal	38.7	35.3 - 42.1		7,200	88.2	82.9 - 93.6		5,900	9.6	5.8 - 13.4		1,100
Uninsured	3.8	2.0 - 5.5		700	5.7	2.8 - 8.5		400	--			
Private	55.3	51.5 - 59.0		10,300	5.6 *	0.8 - 10.4		400	87.2	82.7 - 91.6		9,900
Maternal Demographics												
Age												
15-19	3.0	1.6 - 4.4		600	7.6	3.9 - 11.4		500	--			
20-34	70.5	66.0 - 75.0		13,500	78.2	72.5 - 84.0		5,400	65.4	58.9 - 72.0		7,500
35+	26.5	22.2 - 30.9		5,100	14.2	9.3 - 19.0		1,000	34.3	27.7 - 40.8		3,900
Did not complete high school (or GED)	11.1	8.3 - 13.8		2,100	22.2	16.7 - 27.8		1,500	4.5 *	1.5 - 7.4		500
Unmarried	30.6	26.8 - 34.3		5,800	55.6	48.8 - 62.4		3,800	15.6	10.7 - 20.5		1,800
Race/Ethnicity												
White	25.3	20.9 - 29.7		4,600	11.4	5.7 - 17.1		800	34.5	27.9 - 41.2		3,700
Hispanic	29.2	25.3 - 33.2		5,300	47.5	41.0 - 53.9		3,200	18.0	12.6 - 23.3		1,900
Asian/Pacific Islander	34.1	29.2 - 39.0		6,200	19.3	13.3 - 25.3		1,300	43.2	36.1 - 50.3		4,600
Black	10.9	9.7 - 12.1		2,000	21.1	18.1 - 24.2		1,400	4.0	2.5 - 5.5		400
Born outside the U.S.	48.6	43.8 - 53.5		9,300	49.7	43.0 - 56.3		3,400	46.7	39.8 - 53.6		5,300
Speaks non-English language at home	38.8	34.1 - 43.5		7,200	47.2	40.5 - 53.9		3,200	33.7	27.2 - 40.3		3,700
Lives in a high poverty neighborhood	24.3	20.8 - 27.8		4,500	44.1	37.4 - 50.7		2,900	12.6	8.3 - 16.9		1,400
Income as a percent of the Federal Poverty Guideline												
0-100%	29.0	25.8 - 32.3		5,200	71.7	64.8 - 78.7		4,500	4.2	1.8 - 6.6		500
101-200%	15.3	12.0 - 18.5		2,700	23.4	17.1 - 29.7		1,500	10.6	6.8 - 14.3		1,200
> 200%	55.7	52.0 - 59.4		10,000	4.8 *	0.6 - 9.1		300	85.2	80.9 - 89.6		9,400

-- 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 Alameda County was 642. 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, Alameda County by Race/Ethnicity, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Alameda County			Hispanic			Black			White			Asian/Pacific Islander		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
Total	100		19,100	29.2	25.3 - 33.2	5,300	10.9	9.7 - 12.1	2,000	25.3	20.9 - 29.7	4,600	34.1	29.2 - 39.0	6,200
Health Status before Pregnancy															
In good to excellent health	93.5	91.5 - 95.6	17,800	91.0	86.8 - 95.1	4,800	90.1	85.3 - 95.0	1,700	95.2*	91.0 - 99.3	4,300	95.6*	92.2 - 99.0	5,900
Chronic conditions															
Diabetes†	2.9	1.3 - 4.5	600	2.4*	0.4 - 4.3	100	--			--			5.5*	1.3 - 9.7	300
Hypertension†	2.2*	0.9 - 3.5	400	--			4.3*	0.3 - 8.3	<100	--			--		
Asthma†	11.5	8.1 - 14.8	2,100	8.8*	3.1 - 14.4	400	21.1	12.5 - 29.7	400	17.8	9.2 - 26.3	800	6.1*	1.1 - 11.1	400
Nutrition and Weight															
Daily folic acid use, month before pregnancy	39.8	35.0 - 44.5	7,600	34.2	26.0 - 42.3	1,800	25.5	16.3 - 34.6	500	41.2	30.7 - 51.7	1,900	47.1	37.6 - 56.5	2,900
Overweight before pregnancy	27.8	23.4 - 32.3	5,100	34.3	25.8 - 42.8	1,600	26.4	18.2 - 34.6	500	30.0	20.3 - 39.8	1,300	17.9	11.1 - 24.7	1,100
Obese before pregnancy	18.2	14.6 - 21.7	3,300	24.8	17.4 - 32.1	1,200	31.7	22.3 - 41.2	600	22.0	13.4 - 30.6	1,000	7.3*	2.4 - 12.2	400
Inadequate weight gain during pregnancy	19.9	15.8 - 24.1	3,200	24.1	16.2 - 32.0	900	11.1	4.9 - 17.2	200	18.0	9.9 - 26.1	700	21.0	13.0 - 29.0	1,200
Excessive weight gain during pregnancy	39.3	34.0 - 44.6	6,300	40.7	30.7 - 50.7	1,600	53.3	42.1 - 64.4	900	49.5	38.3 - 60.8	2,000	24.8	16.1 - 33.6	1,400
Food insecurity during pregnancy	11.6	9.2 - 14.1	2,200	20.6	14.8 - 26.4	1,100	23.0	15.3 - 30.8	500	--			5.6*	2.0 - 9.2	300
Intimate Partner Violence (IPV) and Depressive Symptoms															
Physical or psychological IPV during pregnancy	6.2	4.2 - 8.2	1,200	7.5	4.1 - 10.9	400	10.5	4.9 - 16.1	200	3.0*	0.2 - 5.8	100	5.4*	1.1 - 9.7	300
Prenatal depressive symptoms	11.8	8.9 - 14.7	2,200	15.8	9.9 - 21.7	800	15.0	8.4 - 21.6	300	9.6*	3.8 - 15.5	400	6.9*	2.7 - 11.1	400
Postpartum depressive symptoms	10.1	7.3 - 12.9	1,900	11.8	6.6 - 17.1	600	13.4	7.4 - 19.3	300	9.6*	2.6 - 16.5	400	8.3	3.6 - 13.1	500
Hardships and Support during Pregnancy															
Experienced two or more hardships during childhood	18.9	15.2 - 22.5	3,500	27.1	19.8 - 34.4	1,400	36.0	25.9 - 46.0	700	20.8	11.7 - 29.9	900	2.8*	0.6 - 5.1	200
Homeless or did not have a regular place to sleep	3.0	1.8 - 4.3	600	3.7*	1.1 - 6.2	200	9.9	4.1 - 15.6	200	--			--		
Moved due to problems paying rent or mortgage	4.4	2.6 - 6.3	800	6.0*	2.3 - 9.8	300	7.7*	2.9 - 12.4	200	--			2.3*	0.2 - 4.5	100
Woman or partner lost job	11.9	9.2 - 14.7	2,300	16.9	11.2 - 22.6	900	18.6	11.3 - 26.0	400	9.3*	3.5 - 15.0	400	7.2*	2.9 - 11.4	400
Woman or partner had pay or hours cut back	10.2	7.6 - 12.9	1,900	12.8	7.5 - 18.0	700	19.9	12.4 - 27.3	400	10.0*	3.1 - 16.8	500	5.6*	2.2 - 8.9	300
Became separated or divorced	4.7	3.0 - 6.3	900	6.1*	2.4 - 9.8	300	13.3	7.6 - 19.1	300	--			--		
Had no practical or emotional support	3.0	1.6 - 4.3	600	6.7	3.2 - 10.2	400	--			--			--		
Substance Use															
Any smoking, 3 months before pregnancy	8.5	6.0 - 11.0	1,600	7.2	3.0 - 11.4	400	19.8	11.5 - 28.1	400	10.6	4.4 - 16.8	500	5.0*	0.9 - 9.2	300
Any smoking, 3rd trimester†	1.8	0.9 - 2.7	300	--			9.6*	3.8 - 15.4	200	--			--		
Any smoking, postpartum	4.1	2.5 - 5.6	800	3.9*	0.7 - 7.2	200	10.8	4.9 - 16.7	200	4.1*	0.5 - 7.8	200	2.4*	0.3 - 4.6	100
Any binge drinking, 3 months before pregnancy	13.6	10.2 - 17.0	2,600	6.5	3.3 - 9.7	300	17.2	9.7 - 24.7	300	28.0	18.2 - 37.8	1,300	6.5*	1.7 - 11.2	400
Any alcohol use, 3rd trimester†	9.1	6.2 - 12.0	1,700	3.8*	0.7 - 7.0	200	8.7*	3.1 - 14.3	200	22.6	13.5 - 31.8	1,000	3.5*	0.2 - 6.7	200
Pregnancy Intention and Family Planning															
Mistimed or unwanted pregnancy	24.9	20.8 - 28.9	4,700	34.0	26.3 - 41.7	1,800	34.8	25.5 - 44.2	700	16.8	8.3 - 25.2	800	18.5	11.6 - 25.5	1,100
Unsure of pregnancy intentions	12.7	9.6 - 15.8	2,400	9.9	5.3 - 14.4	500	25.2	16.7 - 33.6	500	14.0	7.1 - 21.0	600	9.9	4.1 - 15.7	600
Postpartum birth control use†	85.8	82.5 - 89.0	16,000	89.8	85.2 - 94.4	4,600	78.1	70.3 - 85.9	1,500	84.5	76.9 - 92.1	3,800	85.1	78.5 - 91.7	5,200
Infant Sleep and Breastfeeding															
Placed infant on back to sleep	83.4	79.9 - 86.9	15,600	77.4	70.2 - 84.6	4,000	65.6	56.0 - 75.2	1,200	92.6*	86.5 - 98.7	4,100	87.6	81.4 - 93.7	5,300
Infant always or often shared bed	37.2	32.5 - 41.9	7,000	44.0	35.8 - 52.3	2,300	48.4	38.4 - 58.5	900	20.6	12.3 - 28.8	900	37.5	28.3 - 46.7	2,300
Intended to breastfeed, before birth	94.6	92.3 - 96.8	17,700	--			89.1*	82.4 - 95.9	1,600	93.7*	88.6 - 98.7	4,200	95.0*	90.7 - 99.2	5,800
Intended to breastfeed exclusively, before birth	66.0	61.3 - 70.6	12,300	57.7	49.6 - 65.8	3,000	67.6	57.7 - 77.5	1,200	80.5	72.0 - 88.9	3,600	61.3	51.9 - 70.7	3,700
Breastfeeding practices															
Any breastfeeding, 1 month after delivery	89.8	87.1 - 92.5	16,900	84.2	77.9 - 90.6	4,400	82.9	75.8 - 90.0	1,600	94.4*	90.4 - 98.4	4,200	92.7*	88.2 - 97.2	5,600
Exclusive breastfeeding, 1 month after delivery	50.4	45.4 - 55.4	9,200	49.1	40.8 - 57.4	2,500	53.3	42.8 - 63.8	1,000	66.5	56.5 - 76.5	3,000	39.5	29.8 - 49.2	2,300
Any breastfeeding, 3 months after delivery	73.5	68.7 - 78.4	10,600	70.3	62.4 - 78.2	3,100	65.3	54.1 - 76.5	1,000	78.9	68.0 - 89.7	2,300	78.4	69.5 - 87.3	3,700
Exclusive breastfeeding, 3 months after delivery	34.6	29.2 - 39.9	4,900	31.9	23.1 - 40.8	1,400	28.9	18.1 - 39.7	400	51.0	38.2 - 63.9	1,500	28.2	18.2 - 38.3	1,300



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

Maternal and Infant Health Assessment (MIHA) Survey

	Alameda 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	83.3	79.8 - 86.7	15,900	81.0	75.0 - 87.0	4,300	73.5	64.8 - 82.2	1,400	89.7*	82.5 - 96.9	4,100	84.7	78.1 - 91.4	5,200
Initiated prenatal care in 1st trimester	90.0	87.1 - 92.8	17,000	87.3	81.7 - 92.8	4,600	89.1	83.4 - 94.9	1,700	93.8*	88.9 - 98.8	4,300	88.5	82.1 - 94.9	5,400
Mom or infant needed but couldn't afford care postpartum	11.1	8.2 - 14.0	2,100	15.9	10.5 - 21.3	800	12.6	6.9 - 18.3	200	9.0*	2.0 - 16.1	400	7.4*	2.5 - 12.2	400
Participated in WIC during pregnancy†	40.2	37.0 - 43.4	7,500	66.9	58.8 - 75.1	3,500	71.7	63.5 - 79.8	1,400	15.3	8.0 - 22.6	700	23.9	17.0 - 30.9	1,400
Received CalFresh (food stamps) during pregnancy	17.9	14.9 - 20.9	3,400	23.5	17.0 - 30.0	1,200	50.8	41.5 - 60.1	1,000	7.3*	2.0 - 12.5	300	13.1	7.1 - 19.1	800
Pre-pregnancy insurance															
Medi-Cal	22.2	19.1 - 25.3	4,200	36.1	28.6 - 43.5	1,900	52.4	43.2 - 61.6	1,000	10.4	4.4 - 16.5	500	12.5	7.0 - 18.0	800
Uninsured	11.4	8.7 - 14.1	2,200	19.3	13.1 - 25.4	1,000	19.0	11.2 - 26.8	400	8.9*	2.3 - 15.6	400	3.9*	0.9 - 6.9	200
Private	62.1	58.6 - 65.7	11,800	40.1	31.8 - 48.4	2,100	26.2	18.8 - 33.7	500	76.7	67.7 - 85.6	3,500	78.1	71.0 - 85.2	4,800
Prenatal insurance															
Medi-Cal	36.2	33.1 - 39.4	6,900	60.7	52.5 - 68.8	3,200	72.7	64.6 - 80.7	1,400	16.9	8.8 - 25.0	800	21.2	14.6 - 27.7	1,300
Uninsured	1.4*	0.5 - 2.3	300	2.7*	0.3 - 5.0	100	--	--	--	--	--	--	--	--	--
Private	60.0	56.6 - 63.4	11,400	36.0	27.8 - 44.2	1,900	21.6	14.3 - 28.9	400	80.0	71.6 - 88.4	3,700	74.1	66.6 - 81.7	4,600
Maternal postpartum insurance															
Medi-Cal	28.1	25.0 - 31.2	5,400	41.2	33.6 - 48.9	2,200	72.0	64.4 - 79.6	1,400	9.0	4.6 - 13.4	400	20.1	13.6 - 26.6	1,200
Uninsured	6.6	4.7 - 8.6	1,300	14.1	9.4 - 18.7	700	4.7*	1.3 - 8.2	<100	4.8*	0.4 - 9.3	200	--	--	--
Private	61.9	58.4 - 65.3	11,800	39.4	31.1 - 47.6	2,100	21.4	14.4 - 28.4	400	85.1	78.8 - 91.3	3,900	73.2	65.5 - 80.8	4,500
Infant health insurance															
Medi-Cal	38.7	35.3 - 42.1	7,200	61.1	53.0 - 69.3	3,200	77.1	69.2 - 84.9	1,400	14.4	7.8 - 21.0	600	27.1	19.3 - 34.8	1,600
Uninsured	3.8	2.0 - 5.5	700	8.0	3.3 - 12.7	400	--	--	--	--	--	--	--	--	--
Private	55.3	51.5 - 59.0	10,300	28.8	20.7 - 36.9	1,500	19.7	12.0 - 27.4	400	80.5	72.7 - 88.2	3,600	67.8	59.5 - 76.2	4,100
Maternal Demographics															
Age															
15-19	3.0	1.6 - 4.4	600	6.9*	2.6 - 11.3	400	7.8*	1.8 - 13.9	200	--	--	--	--	--	--
20-34	70.5	66.0 - 75.0	13,500	74.3	67.3 - 81.4	3,900	74.9	65.6 - 84.2	1,500	68.3	58.7 - 77.9	3,100	69.7	60.6 - 78.7	4,300
35+	26.5	22.2 - 30.9	5,100	18.7	12.7 - 24.8	1,000	17.2	9.2 - 25.3	300	31.0	21.4 - 40.5	1,400	30.3	21.3 - 39.4	1,900
Did not complete high school (or GED)	11.1	8.3 - 13.8	2,100	27.7	20.4 - 35.1	1,400	12.3	5.9 - 18.7	200	--	--	--	4.2*	0.1 - 8.2	200
Unmarried	30.6	26.8 - 34.3	5,800	45.8	37.9 - 53.7	2,400	76.8	68.9 - 84.7	1,500	17.2	9.7 - 24.6	800	11.3	5.3 - 17.4	700
Born outside the U.S.	48.6	43.8 - 53.5	9,300	54.1	45.7 - 62.5	2,900	14.8	6.4 - 23.1	300	19.8	11.0 - 28.5	900	78.5	71.0 - 86.0	4,800
Speaks non-English language at home	38.8	34.1 - 43.5	7,200	46.5	38.5 - 54.6	2,500	11.7*	4.0 - 19.4	200	8.3*	3.0 - 13.7	400	67.0	57.7 - 76.4	3,900
Lives in a high poverty neighborhood	24.3	20.8 - 27.8	4,500	36.4	28.7 - 44.2	1,900	66.0	56.6 - 75.4	1,300	6.8*	2.0 - 11.6	300	12.9	6.6 - 19.2	800
Income as a percent of the Federal Poverty Guideline															
0-100%	29.0	25.8 - 32.3	5,200	49.0	40.5 - 57.5	2,300	66.6	58.2 - 75.0	1,200	8.4	3.7 - 13.1	400	18.1	11.5 - 24.6	1,100
101-200%	15.3	12.0 - 18.5	2,700	25.6	18.2 - 33.0	1,200	15.9	9.2 - 22.6	300	11.6*	4.3 - 19.0	500	9.1	4.4 - 13.8	500
> 200%	55.7	52.0 - 59.4	10,000	25.4	17.0 - 33.8	1,200	17.5	10.0 - 25.0	300	80.0	71.6 - 88.3	3,500	72.8	65.4 - 80.3	4,300

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

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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 Alameda County was 642. 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, Alameda County by Total Live Births, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	Alameda County			First Live Birth			Second Live Birth or More		
	%	95% CI	N	%	95% CI	N	%	95% CI	N
Total	100		19,100	45.3	40.4 - 50.3	8,700	54.7	49.7 - 59.6	10,400
Health Status before Pregnancy									
In good to excellent health	93.5	91.5 - 95.6	17,800	95.8 *	93.1 - 98.5	8,200	91.6	88.6 - 94.6	9,600
Chronic conditions									
Diabetes†	2.9	1.3 - 4.5	600	--			4.5	1.9 - 7.2	500
Hypertension†	2.2 *	0.9 - 3.5	400	--			3.2 *	1.0 - 5.5	300
Asthma†	11.5	8.1 - 14.8	2,100	12.6	7.0 - 18.3	1,100	10.5	6.4 - 14.5	1,100
Nutrition and Weight									
Daily folic acid use, month before pregnancy	39.8	35.0 - 44.5	7,600	46.1	38.4 - 53.7	4,000	34.5	28.5 - 40.6	3,600
Overweight before pregnancy	27.8	23.4 - 32.3	5,100	24.3	17.5 - 31.2	2,000	30.8	25.0 - 36.6	3,000
Obese before pregnancy	18.2	14.6 - 21.7	3,300	15.0	9.6 - 20.3	1,300	20.9	16.1 - 25.6	2,100
Inadequate weight gain during pregnancy	19.9	15.8 - 24.1	3,200	18.9	12.7 - 25.2	1,400	20.8	15.3 - 26.4	1,800
Excessive weight gain during pregnancy	39.3	34.0 - 44.6	6,300	47.7	39.3 - 56.1	3,600	31.8	25.6 - 38.1	2,700
Food insecurity during pregnancy	11.6	9.2 - 14.1	2,200	6.9	4.0 - 9.8	600	15.5	11.6 - 19.4	1,600
Intimate Partner Violence (IPV) and Depressive Symptoms									
Physical or psychological IPV during pregnancy	6.2	4.2 - 8.2	1,200	6.3	2.8 - 9.8	500	6.2	3.9 - 8.4	600
Prenatal depressive symptoms	11.8	8.9 - 14.7	2,200	11.6	6.8 - 16.5	1,000	11.9	8.3 - 15.4	1,200
Postpartum depressive symptoms	10.1	7.3 - 12.9	1,900	9.5	5.5 - 13.5	800	10.5	6.6 - 14.5	1,100
Hardships and Support during Pregnancy									
Experienced two or more hardships during childhood	18.9	15.2 - 22.5	3,500	16.9	11.2 - 22.6	1,400	20.5	15.8 - 25.3	2,100
Homeless or did not have a regular place to sleep	3.0	1.8 - 4.3	600	3.0	1.3 - 4.7	300	3.1	1.3 - 4.9	300
Moved due to problems paying rent or mortgage	4.4	2.6 - 6.3	800	3.8	1.8 - 5.8	300	5.0	2.1 - 7.9	500
Woman or partner lost job	11.9	9.2 - 14.7	2,300	10.3	6.6 - 14.1	900	13.2	9.3 - 17.2	1,400
Woman or partner had pay or hours cut back	10.2	7.6 - 12.9	1,900	9.1	5.4 - 12.8	800	11.2	7.3 - 15.1	1,200
Became separated or divorced	4.7	3.0 - 6.3	900	2.2 *	0.5 - 3.8	200	6.8	4.1 - 9.4	700
Had no practical or emotional support	3.0	1.6 - 4.3	600	--			4.7	2.4 - 6.9	500
Substance Use									
Any smoking, 3 months before pregnancy	8.5	6.0 - 11.0	1,600	9.8	5.3 - 14.3	800	7.4	4.7 - 10.1	800
Any smoking, 3rd trimester†	1.8	0.9 - 2.7	300	1.2 *	0.1 - 2.3	<100	2.3 *	1.0 - 3.7	200
Any smoking, postpartum	4.1	2.5 - 5.6	800	2.5 *	0.5 - 4.4	200	5.4	3.0 - 7.8	600
Any binge drinking, 3 months before pregnancy	13.6	10.2 - 17.0	2,600	17.2	11.3 - 23.1	1,500	10.6	6.7 - 14.5	1,100
Any alcohol use, 3rd trimester†	9.1	6.2 - 12.0	1,700	13.3	7.8 - 18.8	1,100	5.6	3.1 - 8.1	600
Pregnancy Intention and Family Planning									
Mistimed or unwanted pregnancy	24.9	20.8 - 28.9	4,700	23.7	17.6 - 29.8	2,000	25.9	20.4 - 31.3	2,700
Unsure of pregnancy intentions	12.7	9.6 - 15.8	2,400	10.1	5.9 - 14.4	900	14.8	10.5 - 19.2	1,500
Postpartum birth control use†	85.8	82.5 - 89.0	16,000	84.8	79.5 - 90.1	7,200	86.6	82.6 - 90.6	8,800
Infant Sleep and Breastfeeding									
Placed infant on back to sleep	83.4	79.9 - 86.9	15,600	83.1	77.6 - 88.6	7,100	83.6	79.1 - 88.2	8,500
Infant always or often shared bed	37.2	32.5 - 41.9	7,000	34.2	27.1 - 41.3	2,900	39.7	33.5 - 45.9	4,000
Intended to breastfeed, before birth	94.6	92.3 - 96.8	17,700	95.2 *	91.9 - 98.4	8,100	94.1	91.0 - 97.2	9,600
Intended to breastfeed exclusively, before birth	66.0	61.3 - 70.6	12,300	74.8	68.1 - 81.5	6,400	58.6	52.3 - 64.9	6,000
Breastfeeding practices									
Any breastfeeding, 1 month after delivery	89.8	87.1 - 92.5	16,900	90.0	86.0 - 94.0	7,700	89.6	85.9 - 93.3	9,200
Exclusive breastfeeding, 1 month after delivery	50.4	45.4 - 55.4	9,200	51.1	43.2 - 59.0	4,200	49.8	43.3 - 56.2	5,000
Any breastfeeding, 3 months after delivery	73.5	68.7 - 78.4	10,600	75.4	67.7 - 83.1	5,000	71.9	65.8 - 78.1	5,700
Exclusive breastfeeding, 3 months after delivery	34.6	29.2 - 39.9	4,900	37.6	28.7 - 46.5	2,400	32.1	25.5 - 38.6	2,500



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

Maternal and Infant Health Assessment (MIHA) Survey

	Alameda 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	83.3	79.8 - 86.7		15,900	83.0	78.0 - 88.1		7,200	83.5	78.7 - 88.3		8,700
Initiated prenatal care in 1st trimester	90.0	87.1 - 92.8		17,000	90.5	86.0 - 95.0		7,800	89.5	85.7 - 93.3		9,200
Mom or infant needed but couldn't afford care postpartum	11.1	8.2 - 14.0		2,100	8.9	4.8 - 13.1		800	12.9	8.7 - 17.0		1,300
Participated in WIC during pregnancy†	40.2	37.0 - 43.4		7,500	34.4	28.3 - 40.6		2,900	45.0	39.9 - 50.2		4,600
Received CalFresh (food stamps) during pregnancy	17.9	14.9 - 20.9		3,400	10.4	6.5 - 14.4		900	24.1	19.5 - 28.7		2,500
Pre-pregnancy insurance												
Medi-Cal	22.2	19.1 - 25.3		4,200	14.1	9.8 - 18.4		1,200	28.9	24.1 - 33.7		3,000
Uninsured	11.4	8.7 - 14.1		2,200	11.3	7.5 - 15.1		1,000	11.5	7.6 - 15.4		1,200
Private	62.1	58.6 - 65.7		11,800	70.3	64.2 - 76.4		6,100	55.4	50.1 - 60.7		5,800
Prenatal insurance												
Medi-Cal	36.2	33.1 - 39.4		6,900	27.1	21.7 - 32.6		2,300	43.8	38.7 - 48.9		4,600
Uninsured	1.4 *	0.5 - 2.3		300	1.3 *	0.1 - 2.6		100	1.5 *	0.3 - 2.7		200
Private	60.0	56.6 - 63.4		11,400	68.5	62.4 - 74.5		5,900	52.9	47.6 - 58.2		5,500
Maternal postpartum insurance												
Medi-Cal	28.1	25.0 - 31.2		5,400	21.5	16.6 - 26.5		1,900	33.6	28.7 - 38.4		3,500
Uninsured	6.6	4.7 - 8.6		1,300	4.7	2.4 - 7.1		400	8.2	5.1 - 11.2		900
Private	61.9	58.4 - 65.3		11,800	70.7	64.9 - 76.5		6,100	54.5	49.2 - 59.9		5,700
Infant health insurance												
Medi-Cal	38.7	35.3 - 42.1		7,200	33.9	27.6 - 40.1		2,900	42.7	37.6 - 47.9		4,400
Uninsured	3.8	2.0 - 5.5		700	3.0 *	0.5 - 5.4		300	4.4	1.9 - 6.9		400
Private	55.3	51.5 - 59.0		10,300	61.0	54.3 - 67.7		5,200	50.5	45.0 - 56.0		5,100
Maternal Demographics												
Age												
15-19	3.0	1.6 - 4.4		600	6.1	3.1 - 9.1		500	--			
20-34	70.5	66.0 - 75.0		13,500	78.0	71.5 - 84.4		6,700	64.3	58.3 - 70.4		6,700
35+	26.5	22.2 - 30.9		5,100	15.9	9.9 - 21.9		1,400	35.3	29.3 - 41.4		3,700
Did not complete high school (or GED)	11.1	8.3 - 13.8		2,100	8.0	3.8 - 12.3		700	13.6	10.0 - 17.3		1,400
Unmarried	30.6	26.8 - 34.3		5,800	33.3	26.7 - 40.0		2,800	28.3	23.6 - 33.1		2,900
Race/Ethnicity												
White	25.3	20.9 - 29.7		4,600	29.7	22.4 - 37.0		2,400	21.7	16.1 - 27.3		2,200
Hispanic	29.2	25.3 - 33.2		5,300	26.7	20.0 - 33.4		2,200	31.3	26.2 - 36.4		3,100
Asian/Pacific Islander	34.1	29.2 - 39.0		6,200	33.3	25.5 - 41.1		2,700	34.8	28.5 - 41.0		3,500
Black	10.9	9.7 - 12.1		2,000	9.8	7.1 - 12.5		800	11.8	9.4 - 14.2		1,200
Born outside the U.S.	48.6	43.8 - 53.5		9,300	40.8	33.2 - 48.4		3,500	55.1	49.0 - 61.3		5,700
Speaks non-English language at home	38.8	34.1 - 43.5		7,200	32.1	25.0 - 39.2		2,700	44.5	38.2 - 50.7		4,500
Lives in a high poverty neighborhood	24.3	20.8 - 27.8		4,500	23.5	17.5 - 29.5		2,000	25.0	20.5 - 29.5		2,500
Income as a percent of the Federal Poverty Guideline												
0-100%	29.0	25.8 - 32.3		5,200	23.0	17.5 - 28.6		1,900	34.1	29.1 - 39.1		3,300
101-200%	15.3	12.0 - 18.5		2,700	13.0	8.4 - 17.7		1,100	17.1	12.5 - 21.8		1,700
> 200%	55.7	52.0 - 59.4		10,000	63.9	57.4 - 70.5		5,300	48.8	43.1 - 54.5		4,800

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