

Alameda County Maternal, Child, and Adolescent Health Indicators - Created April 2017, Updated June 2017

		Healthy People 2020 Objective	Year	California	Alameda County (count)	Alameda County Rates by Race/Ethnicity						
						African American ¹	American Indian ²	Asian ³	Pacific Islander ⁴	Latino ⁵	White	Multirace ⁶
	1 Total Population	NA	2014	39,144,818	1,568,095	176,380	4,301	426,374	12,064	361,787	517,239	65,452
Infants	2 Number of Live Births	NA	2014	502,973	19,572	1,783	30	5,973	218	5,323	4,552	558
	3 Birth Rate (per 1,000 population)	NA	2014	12.9/1000	12.5/1000	10.1	7.0	14.0	18.1	14.7	8.8	8.5
	4 Infant Death Rate (per 1,000 live births) ⁱ	6.0 or fewer	2012-2014	4.7/1000 [^]	4.0/1000 (234)	11.4	—	2.7	—	3.7	3.0	—
	5 Neonatal Death Rate (per 1,000 live births) ⁱⁱ	4.1 or fewer	2012-2014	3.3/1000 [^]	2.7/1000 (157)	6.9	—	1.7	—	2.8	2.1	—
	6 Post Neonatal Death Rate (per 1,000 live births) ⁱⁱⁱ	2.0 or fewer	2012-2014	1.4/1000 [^]	1.3/1000 (77)	4.6	—	0.9	—	0.9	0.9	—
	7 Fetal Death Rate (per 1,000 births) ^{iv}	5.6 or fewer	2010-2012	4.8/1000 ^{^^}	5.4/1000(312)	13.5	—	4.2	—	4.1	2.9	9.5
	8 Low Birth Weight Births (%) ^v	7.8% or less	2014	6.7%	6.9% (1,351)	11.6	—	7.6	5.3	6.2	4.5	6.5
	9 Very Low Birth Weight Births (%) ^{vi}	1.4% or less	2014	1.2% [^]	1.2% (244)	2.1	—	1.1	—	1.2	0.8	—
	10 Preterm Births (%) ^{vii}	11.4% or less	2014	8.8% [^]	8.1% (1584)	11.9	—	8.0	8.2	6.2	6.3	7.7
	Children & Adolescents	11 Childhood Immunizations (%) ^{viii}	95% or more	2014	89.4%	72.0%	60.0	—	76.0	—	77.0	73.0
12 Children Under 18 Living in Poverty (%) ^{ix}		NA	2015	21.2%	13.6% (340,358)	29.7	25.3 ^{&}	8.0	7.4 ^{&}	20.1	4.2	13.3
13 Teen Birth Rate (per 1,000 females ages 15-19 years)		NA	2014	23.4/1000	11.7/1000 (565)	17.2	—	1.7	31.5	24.3	2.9	7.9
14 High School Dropout Rate (%) ^x		13% or less	2014-2015	10.7%	9.6%	18.3	26.1	3.9 [†]	13.6	13.5	5.8	7.4
15 Homicide Rate Among 15-24 Year Olds (per 100,000)		NA	2012-2014	7.55/100,000 [£]	23.3/100,000 (148)	118.7	—	—	—	16.8	—	—
16 Obese Among 5th,7th and 9th Graders (%) ^{xi}		16.1% or less	2014-2015	25.7%	26.2%	21.3	18.6	7.5 [†]	36.8	24.3	10.2	11.6
17 11th Graders Been Offered Illegal Drugs at School ^{xii}		NA	2013-2015	28.1%	29.0%	29.1	28.0	18.3	32.5	36.0	26.7	32.9
Women	18 Women Ages 15-44 Years Living in Poverty (%) ^{xiii}	NA	2015	18.7%	14.9% (51,626)	27.0	19.8 ^{&}	10.5	15.5 ^{&}	18.8	11.7	14.3
	19 Women Ages 18-44 Years with Less Than a High School Education (%) ^{xiv}	NA	2011-2015	12.3%	9.5% (30,372)	8.5	5.9	4.4	8.0	25.4	2.5	5.1
	20 Uninsured Women Ages 15-44 years (%) ^{xv}	NA	2015	10.0%	6.0% (21,501)	6.1	16.4	3.0	7.4	12.1	4.4	2.4
	21 Current Smokers among Women Ages 18-44 Years (%) ^{xvi}	12.0% or less [¢]	2011-2015	8.7%	5.1%	—	—	—	—	—	—	—
	22 Overweight or Obese Women Ages 15-44 Years (%) ^{xvii}	30.5% or less	2013-0215	51.5%	50.7%	61.5	—	35.4*	—	78.4	30.9	64.0*
	23 Women Ages 18-44 Years Who Had Routine Checkup Within the Past Year (%) ^{xviii}	NA	2013-2015	74.0%	67.7%	63.7	—	64.0*	—	67.0	76.9*	—
Pregnancy/Births	24 First Trimester Entry into Prenatal Care (%) ^{xx}	77.9% or more	2014	83.5%	90.1% (17,315)	88.0	85.7	92.1	79.3	88.1	92.2	89.3
	25 Exclusively Breastfed Newborn in Hospital (%) ^{xx}	81.9% or more	2015	68.8%	82.9%	78.7	100.0*	80.3	70.5	81.2	88.9	84.3
	26 Unintended Pregnancies (%) ^{xxi}	44.0% or less	2012-2014	31.2%	24.1%*	—	—	—	—	—	—	—
	27 Unmet Need for Family Planning Services [§] (%) ^{xxii}	35.5% or less	2011-2012	35.0%	50.0%	—	—	—	—	—	—	—
	28 Medi-Cal Births [¥] (%) ^{xxiii}	NA	2014	45.3% [^]	25.9% (5,050)	46.1	43.3	13.5	41.3	49.6	11.2	20.1
	29 Births to First-Time Mothers (%) ^{xxiv}	NA	2014	38.8%	44.4% (8,686)	41.7	36.7	47.8	35.3	35.2	49.0	50.7
	30 Births to Foreign-Born Mothers (%) ^{xxv}	NA	2014	38.0%	48.8% (9,550)	17.2	0.0	81.8	48.2	54.2	20.1	10.6

Alameda County Public Health Department, Maternal, Paternal, Adolescent, and Child Health. Contact MPCAH at (510) 208-5980 or visit <http://www.acphd.org/data-reports/reports-by-topic.aspx>.

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See page 2. for race/ethnicity descriptions, MPCAH indicator definitions, and data sources.

Interpretation

Rate: A rate is a measure of a health event in a specific population over a set time period. For example, the Alameda County (AC) birth rate is the number of live births over the total AC population per 1,000 residents or 12.5 per 1,000 residents. Rates are used to compare populations of different sizes or over different time periods, for example comparing different races/ethnicities or ages.

Percentage: A percentage or prevalence is a proportion of total events over the total population that can be affected at a given point in time. For example, the Alameda County percentage of low birth weight babies is the number of low birth weight babies over the total number of live births in the county in 2014 or 6.9%. Percentages are used to compare populations of different sizes for examples comparing different races/ethnicities.

Count: A count or frequency is the actual number of events or cases at a given point in time. For example, there were 1,584 premature (preterm) births in Alameda County in 2014. Counts are used to look at the magnitude of the health event within a population.

Statistics highlighted in **red** are those race/ethnic groups that have the worst (most inequitable) outcomes.

Alameda County is missing race/ethnicity data for 6% of all births in 2014. It is likely that percentages and rates by race/ethnic subgroups are overestimates, especially for race/ethnic groups with smaller numbers of births including African Americans, American Indians, and Pacific Islanders.

Symbols

— rates not displayed because of low incidence, not available, or not applicable (Counts below 10 are excluded).

* rate is statistically unstable.

† Asian category excludes Filipinos.

^ California 2013 data.

^^ California 2012 data.

& Data for American Indians/Alaskan Natives and Pacific Islanders is from 5 year census file- 2011-2015.

Asian category includes Native Hawaiians and other Pacific Islanders (API).

£ California homicide rate includes 10-24 year olds.

¢ Healthy People 2020 Objective for current smoking and healthy weight are for all adults not just females 15-44 years.

§ There was no available data for Alameda County by race/ethnicity for unintended pregnancies or unmet need for family planning services

¥ Percentage of Medi-Cal births are underestimates due to missing data from Kaiser Oakland and Kaiser Hayward Birthing Centers.

Race/Ethnicity Descriptions for Birth and Death data. Note: refer to other data sources for their race/ethnicity definitions.

- 1 African Americans are babies born to Black non-Hispanic mothers.
- 2 American Indians are babies born to American Indian, Eskimo, or Aleut non-Hispanic mothers.
- 3 Asians are babies born to Asian non-Hispanic Mothers.
- 4 Pacific Islanders are babies born to Hawaiian, Guamanian, Samoan, or other Pacific Islander non-Hispanic mothers.
- 5 Latinos are babies born to Hispanic/Latino mothers of any race with Mexican, Chicano, Puerto Rican, Cuban, Central/South American, or other Spanish/Hispanic ethnicity.
- 6 White are babies born to White non-Hispanic mothers.
- 7 Multirace are babies born to non-Hispanic mothers of more than one race.

Definitions

- i Infant Mortality Rate (IMR): Number of deaths of children <1 year of age/ number live births.
- ii Neonatal Death Rate: Number of deaths among children 0-27 days of age/number live births.
- iii Post neonatal Death rate: Number of deaths among children 28-364 days of age/number live births.
- iv Fetal Death Rate: Number of deaths before the complete expulsion or extraction from the mother of a product of human conception, irrespective of the duration of pregnancy, that is not an induced termination of pregnancy/ (number live births + number fetal deaths)
- v Low Birth Weight Births: Number births <2,500g/number live births.
- vi Very Low Birth Weight Births: Number births <1,500g/number live births.
- vii Preterm Births: Number births <37 weeks gestation/ number live births.
- viii Childhood Immunizations: Children immunized by age 2 with four or more doses of Dtap, three or more doses of polio, and one or more doses of MMR.
- ix Children living in poverty: Children under 18 years of age living at or below 100% poverty level for whom poverty status can be determined.
- x High School Drop Out Rate: The rate of students that leave the 9-12 instructional system without a high school diploma, passing a high school equivalency exam or special education certificate of completion and do not remain enrolled after the end of the 4th year.
- xi Obese among 5th, 7th, and 9th graders: 5th, 7th, and 9th graders who "Need Improvement Health Risk" on the California Physical Fitness Body Composition Area of the California Fitness Gram test.
- xii 11th Graders Been Offered Illegal Drugs at School: 11th graders who have been offered, sold, or given an illegal drug at school in past 12 months.
- xiii Women living in poverty: Women between 15 and 44 years of age living at or below 100% poverty level for whom poverty status can be determined.
- xiv Women Ages 18-44 Years with Less Than a High School Education: Women 18 to 44 years of age whose highest level of education was less than high school diploma or GED for whom educational attainment could be determined.
- xv Uninsured Women Ages 15-44 years: Women 15-44 years of age who had no health insurance coverage in the previous 12 months for whom health insurance status could be determined.
- xvi Current Smokers among Women Ages 18-44 Years: Women 18-44 years of age were asked a series of smoking-related questions to obtain a current smoker status.
- xvii Overweight Weight Women: Women with Body Mass Index (BMI) of ≥ 25.0 .
- xviii Women Ages 18-44 Years who had routine checkup within the past year: Women 18-44 years of age who had a routine check-up in the past 12 months.
- xix First Trimester Entry into Prenatal Care: Pregnant women who began prenatal care within the first three months of their pregnancy.
- xx Exclusively Breastfed Newborn in Hospital: Pregnant women who exclusively breastfed newborn in hospital after birth.
- xxi Unintended Pregnancies: Percentage of Maternal and Infant Health Assessment (MIHA) survey respondents who indicated they had a mistimed or unwanted pregnancy.
- xxii Unmet Need for Family Planning Services: The number of females of child-bearing age who have not received contraceptive services at least once in the previous fiscal year/total number of females who are in need of these services (e.g. sexually active and not currently pregnant but able to become pregnant).
- xxiii Medi-Cal Births: Births to women where Medi-Cal was indicated as payer source.
- xxiv Births to First-Time Mothers: Births to women with no previous children.
- xxv Births to Foreign-born Mothers: Births to women not born in the US.

Data Sources

- CAPE with data from Census 2010 and Esri (1)(13)(15)
- Alameda County Vital Statistics files Birth, Fetal Death, and Death files (2)(3)(4)(5)(6)(7)(8)(9)(10)(13)(15)(24)(28)(29)(30)
- California Department of Public Health, Immunization Branch, The 2014 Kindergarten Retrospective Study (11)
- U.S. Census Bureau, American Community Survey. Available at <http://factfinder2.census.gov> (12)(18)
- California Department of Education. Available at <http://data1.cde.ca.gov/dataquest> (14)(16)
- California Healthy Kids Survey, file obtained from WestEd (17)
- IPUMS-USA. Steven Ruggles, Katie Genadek, Ronald Goeken, Josiah Grover, and Matthew Sobek. Integrated Public Use Microdata Series: Version 6.0 [dataset]. Minneapolis: University of Minnesota, 2015. <http://doi.org/10.18128/D010.V6.0>. (19) (20)
- California Health Interview Survey. Available at <http://ask.chis.ucla.edu> (21)(22)(23)
- California Department of Public Health. In-Hospital Breastfeeding. Available at: www.cdph.ca.gov/data/statistics/Pages/InHospitalBreastfeedingInitiationData.aspx (25)
- Maternal and Infant Health Assessment (MIHA). Individual data request (26)
- UCSF Bixby Center for Global Reproductive Health. Access to Publicly Funded Family Planning Services in California, FY 2007-09 to FY 2011-12. Available at http://www.familypact.org/Research/reports/102014_Access_Final_ADA.pdf (27)
- Healthy People 2020 Objectives were obtained from the Healthy People 2020 website (www.healthypeople.gov)
- California Birth and Death rates were obtained from California Department of Public Health (CDPH) 2016 County Health Profiles website. Available at <http://www.cdph.ca.gov/programs/ohir/Documents/OHIRProfiles2016.pdf>.