

# **California Department of Public Health County Health Status Profiles 2016**

## **Alameda County Summary**

Data from the California Department of Public Health

Annotated by the CAPE Unit of the Alameda County Public Health Department

© 2017 Alameda County Public Health Department

## CDPH County Health Status Profiles 2016 — Alameda County

Each year, the California Department of Public Health publishes a report of California's County Health Status Profiles. This report contains select health status indicators that are recommended by the US Department of Health and Human Services for monitoring state and local progress toward established benchmarks like Healthy People 2020. The data is updated each year and amended according to priorities developed by CDPH and the California Conference of Local Health Officers.

The 2016 report includes data years 2008-2014 and can be found at <http://www.cdph.ca.gov/programs/ohir/Documents/OHIRProfiles2016.pdf>.

Contained within this document is Alameda County's Health Status Profile for 2016. Some visual/color notations have been added by the CAPE (Community Assessment, Planning, and Evaluation) unit to help make the data easier to interpret and understand.

Some key observations for 2016 include:

- Compared to other counties in California, Alameda County is in a relatively favorable position ( **ranking in top quartile** ) in terms of select mortality indicators (all-cause mortality, coronary heart disease, chronic lower respiratory disease, chronic liver disease/cirrhosis, unintentional injuries, motor vehicle traffic crashes, suicide, drug-induced deaths) and select maternal/child health indicators (first trimester prenatal care, teen births, breastfeeding initiation, child poverty).
- Compared to other counties in California, Alameda County is in a relatively unfavorable position ( **ranking in bottom quartile** ) in terms of its homicide rate, select morbidity indicators (incidence rates of AIDS, chlamydia, gonorrhea, and tuberculosis), and low birthweight rate.
- Alameda County meets or outperforms ( **↓↑** ) national HP2020 objectives for most indicators.
- Alameda County does not meet HP2020 objectives ( **↑** ) for chronic liver disease and cirrhosis, homicide, male gonorrhea incidence, tuberculosis incidence, and adequate prenatal care ( **↓** ).
- Compared to the statewide rate, Alameda County has a significantly lower rate ( **↓\*** ) of all-cause mortality, Alzheimer's disease, coronary heart disease, stroke, influenza/pneumonia, chronic lower respiratory disease, chronic liver disease and cirrhosis, unintentional injuries, motor vehicle accidents, chlamydia incidence, teen births, and child poverty. Alameda County has a significantly higher rate ( **↑\*** ) of first trimester prenatal care and breastfeeding initiation.
- Compared to the statewide rate, Alameda County has a significantly higher rate ( **↑\*** ) of homicide, gonorrhea incidence, tuberculosis incidence, and low birthweight infants.

Rank between 1-14	Alameda County ranks in top quartile out of 58 Counties
Rank between 30-43	Alameda County ranks in third quartile out of 58 Counties
Rank between 44-58	Alameda County ranks in bottom quartile out of 58 Counties

Alameda County meets/does better than national HP2020 objective	↓↑	Alameda County rate better than state rate	↓↑	Positive direction from previous to current Alameda County rate	↓↑
Alameda County does NOT meet national HP2020 objective	↑↓	Alameda County rate worse than state rate	↑	Negative direction from previous to current Alameda County rate	↓↑
Does not take into account statistical significance		Statistically significant difference, based on AC and CA confidence intervals	*	Does not take into account statistical significance	

## ALAMEDA COUNTY HEALTH STATUS PROFILE FOR 2016

### MORTALITY

RANK ORDER	HEALTH STATUS INDICATOR	2012-2014 DEATHS (AVERAGE)	CRUDE DEATH RATE	AGE-ADJUSTED DEATH RATE	95% CONFIDENCE LIMITS		NATIONAL OBJECTIVE		AGE-ADJUSTED DEATH RATE			
					LOWER	UPPER	OBJECTIVE	CURRENT	↓*	COUNTY PREVIOUS	↓	
11	ALL CAUSES	9,477.0	606.2	580.5	568.6	592.4	a		619.6	↓*	605.2	↓
20	ALL CANCERS	2,284.7	146.1	140.5	134.6	146.3	161.4	↓	146.5	↓	149.7	↓
24	COLORECTAL CANCER	209.0	13.4	12.6	10.9	14.4	14.5	↓	13.3	↓	13.8	↓
20	LUNG CANCER	488.3	31.2	30.7	27.9	33.5	45.5	↓	31.7	↓	34.7	↓
21	FEMALE BREAST CANCER	175.7	22.0	19.0	16.1	21.8	20.7	↓	20.3	↓	20.8	↓
20	PROSTATE CANCER	113.3	14.8	17.7	14.4	21.1	21.8	↓	19.3	↓	22.6	↓
39	DIABETES	344.3	22.0	21.1	18.8	23.4	b		20.4	↑	19.6	↑
28	ALZHEIMER'S DISEASE	438.0	28.0	26.6	24.1	29.2	a		30.1	↓*	25.1	↑
11	CORONARY HEART DISEASE	1,138.0	72.8	69.4	65.3	73.5	103.4	↓	96.6	↓*	84.1	↓
31	CEREBROVASCULAR DISEASE (STROKE)	557.7	35.7	34.4	31.5	37.3	34.8	↓	34.4		38.0	↓
24	INFLUENZA/PNEUMONIA	212.3	13.6	12.9	11.2	14.7	a		15.3	↓*	15.0	↓
10	CHRONIC LOWER RESPIRATORY DISEASE	426.3	27.3	26.6	24.1	29.2	a		33.7	↓*	29.4	↓
8	CHRONIC LIVER DISEASE AND CIRRHOSIS	162.7	10.4	9.3	7.9	10.8	8.2	↑	11.7	↓*	8.8	↑
5	ACCIDENTS (UNINTENTIONAL INJURIES)	393.3	25.2	23.9	21.5	26.3	36.4	↓	28.2	↓*	21.1	↑
6	MOTOR VEHICLE TRAFFIC CRASHES	84.7	5.4	5.3	4.2	6.5	12.4	↓	7.9	↓*	4.3	↑
10	SUICIDE	147.7	9.4	9.0	7.5	10.4	10.2	↓	10.2	↓	9.0	
47	HOMICIDE	119.3	7.6	7.6	6.3	9.0	5.5	↑	5.0	↑*	8.2	↓
25	FIREARM-RELATED DEATHS	145.7	9.3	9.2	7.7	10.7	9.3	↓	7.6	↑	10.3	↓
9	DRUG-INDUCED DEATHS	162.3	10.4	9.6	8.1	11.1	11.3	↓	11.3	↓	9.3	↑

### MORBIDITY

RANK ORDER	HEALTH STATUS INDICATOR	2012-2014 CASES (AVERAGE)	CRUDE CASE RATE	95% CONFIDENCE LIMITS		NATIONAL OBJECTIVE		CRUDE CASE RATE			
				LOWER	UPPER	OBJECTIVE	CURRENT	↑	COUNTY PREVIOUS	↓	
56	AIDS INCIDENCE (AGE 13 AND OVER)	117.3	8.9	7.3	10.6	a		7.3	↑	13.3	↓
45	CHLAMYDIA INCIDENCE	6,661.3	426.1	415.9	436.3	c		447.0	↓*	450.9	↓
45	GONORRHEA INCIDENCE: FEMALE AGE 15-44	697.7	208.5	193.0	224.0	251.9	↓	172.1	↑*	222.6	↓
52	GONORRHEA INCIDENCE: MALE AGE 15-44	989.7	297.4	278.9	316.0	194.8	↑	255.6	↑*	247.0	↑
54	TUBERCULOSIS INCIDENCE	124.7	8	6.6	9.4	1.0	↑	5.7	↑*	10.6	↓

### INFANT MORTALITY

RANK ORDER	HEALTH STATUS INDICATOR	2011-2013 DEATHS (AVERAGE)	BIRTH COHORT INFANT DEATH RATE	95% CONFIDENCE LIMITS		NATIONAL OBJECTIVE		BIRTH COHORT INFANT DEATH RATE			
				LOWER	UPPER	OBJECTIVE	CURRENT	↓	COUNTY PREVIOUS	↓	
18	INFANT MORTALITY: ALL RACES	80.7	4.2	3.3	5.2	6.0	↓	4.7	↓	4.4	↓
34	INFANT MORTALITY: ASIAN/PI	18.7	3.3^	2.0	5.1	6.0	↓	3.6		3.3^	
43	INFANT MORTALITY: BLACK	18.3	9.3^	5.5	14.6	6.0	↑	9.7		8.4	
14	INFANT MORTALITY: HISPANIC	18.3	3.4^	2.0	5.3	6.0	↓	4.6		4.2	
17	INFANT MORTALITY: WHITE	14.3	3.1^	1.7	5.2	6.0	↓	3.9		3.7^	

Rank between 1-14	Alameda County ranks in top quartile out of 58 Counties
Rank between 30-43	Alameda County ranks in third quartile out of 58 Counties
Rank between 44-58	Alameda County ranks in bottom quartile out of 58 Counties

Alameda County meets/does better than national HP2020 objective	↓↑	Alameda County rate better than state rate	↓↑	Positive direction from previous to current Alameda County rate	↓↑
Alameda County does NOT meet national HP2020 objective	↑↓	Alameda County rate worse than state rate	↑	Negative direction from previous to current Alameda County rate	↓↑
Does not take into account statistical significance		Statistically significant difference, based on AC and CA confidence intervals	*	Does not take into account statistical significance	

NATALITY											
RANK ORDER	HEALTH STATUS INDICATOR	2012-2014		95% CONFIDENCE LIMITS		NATIONAL OBJECTIVE		PERCENTAGE			
		BIRTHS (AVERAGE)	PERCENT	LOWER	UPPER	OBJECTIVE	ALTERNATIVE	CALIFORNIA CURRENT	COUNTY PREVIOUS	ALTERNATIVE	
50	LOW BIRTHWEIGHT INFANTS	1,427.7	7.3	6.9	7.7	7.8	↓	6.7	↑*	7.2	↑
3	FIRST TRIMESTER PRENATAL CARE	17,110.0	90.1	88.8	91.5	77.9	↑	83.5	↑*	87.3	↑
32	ADEQUATE/ADEQUATE PLUS PRENATAL CARE	14,448.7	77.5	76.2	78.7	77.6	↓	78.6	↓	78.7	↓
AGE-SPECIFIC BIRTH RATE											
RANK ORDER	HEALTH STATUS INDICATOR	2012-2014		95% CONFIDENCE LIMITS		NATIONAL OBJECTIVE		PERCENTAGE			
		BIRTHS (AVERAGE)	AGE-SPECIFIC BIRTH RATE	LOWER	UPPER	OBJECTIVE	ALTERNATIVE	CALIFORNIA CURRENT	COUNTY PREVIOUS	ALTERNATIVE	
14	BIRTHS TO MOTHERS AGED 15-19	684.3	14.9	13.8	16.0	a		23.4	↓*	21.9	↓
BREASTFEEDING											
RANK ORDER	HEALTH STATUS INDICATOR	2012-2014		95% CONFIDENCE LIMITS		NATIONAL OBJECTIVE		PERCENTAGE			
		BREASTFED (AVERAGE)	PERCENT	LOWER	UPPER	OBJECTIVE	ALTERNATIVE	CALIFORNIA CURRENT	COUNTY PREVIOUS	ALTERNATIVE	
9	BREASTFEEDING INITIATION	16,292.3	96.9	95.4	98.4	81.9	↑	92.9	↑*	d	
CENSUS											
RANK ORDER	HEALTH STATUS INDICATOR	2013		95% CONFIDENCE LIMITS		NATIONAL OBJECTIVE		PERCENTAGE			
		NUMBER	PERCENT	LOWER	UPPER	OBJECTIVE	ALTERNATIVE	CALIFORNIA CURRENT	COUNTY PREVIOUS	ALTERNATIVE	
9	PERSONS UNDER 18 IN POVERTY	52,179.0	15.2	15.1	15.4	a		23.3	↓*	17.2	↓

^ Rates are deemed unreliable based on fewer than 20 data elements.

a Healthy People 2020 (HP 2020) National Objective has not been established.

b National Objective is based on both underlying and contributing cause of death which requires use of multiple cause of death files.

California's data exclude multiple/contributing causes of death.

c Prevalence data are not available in all California counties to evaluate the Healthy People 2020 National Objective STD-1, as the Healthy People objective is restricted to females who are 15-24 years old and identified at a family planning clinic, and males and females under 24 years old who participate in a national job-training program.

d Data not available.

**Notes** Crude death rates, crude case rates, and age-adjusted death rates are per 100,000 population. Birth cohort infant death rates are per 1,000 live births.

The age-specific birth rates are per 1,000 female population aged 15 to 19 years old.

Previous refers to previous period rates. These periods vary by type of rate: Mortality 2009-2011, Morbidity 2009-2011, Infant Mortality 2008-2010, Natality 2009-2011, Census 2012.

**Sources** State of California, Department of Finance, Report P-3: State and County Population Projections by Race/Ethnicity, Detailed Age, and Gender, 2010-2060. Sacramento, California, December 2014.

California Department of Public Health: 2009-2014 Death Records

California Department of Public Health, Office of AIDS, HIV/AIDS Surveillance Section, data as of 12/31/2015.

California Department of Public Health, STD Control Branch, Data Request, September 2015. Chlamydia data.

California Department of Public Health, STD Control Branch, Data Request, September 2015. Gonorrhea data.

California Department of Public Health, Tuberculosis Control Branch, Report on Tuberculosis in California, 2014. Richmond, CA, August 2015.

California Department of Public Health: 2008-2013 Birth Cohort-Perinatal Outcome Files

California Department of Public Health: 2009-2014 Birth Records

California Department of Public Health, Center for Family Health, Genetic Disease Screening Program, Newborn Screening Data, 2012-2014

California Department of Public Health, Center for Family Health, Maternal, Child and Adolescent Health Program.

U.S. Census Bureau, Small Area Income and Poverty Estimates. <http://www.census.gov/did/www/saie/data/statecounty/data/2013.html>, Accessed February 2015