

Santa Cruz County Community Health Status Indicator Matrix

Indicator Name	Reference Information		Data							
	Source	What is being measured?	Most Recent Data	Most Recent Result	Trend	State and National Comparison	Health Impact	Ability to Disaggregate Data	Shows Disparity Within County	Where Indicator Found
Economic Factors										
Median Household Income	US Census Bureau. Small Area Income and Poverty Estimates.	Modeled based on Census 2000 estimate of county median household income, median adjusted gross income from tax returns, Bureau of Economic Analysis (BEA) estimate of total personal income derived from government transfers, growth of BEA total personal income from 1999 through the target year, and "nonfiler" rate. The dependent variable is county median household income interpolated with the ACS survey.		\$64,257	Stable	Higher/Higher	? (High/Med/Low) Needs to be defined by HSA	census tract, ZIP code, race, ethnicity, age group, gender	Yes	HSA
Unemployment Rate	Cal EDD. Local Area Profile. US Dept of Labor, BLS.	Average annual unemployment rate, not seasonally adjusted.	Dec 2015	8.5%	Improving	5.8% state		by census place, from Census Bureau & BLS	Yes, geographic	HSA
Self-Sufficiency Income	Insight Center for Community Economic Development. CA Family Economic Self-	percentage of households below self-sufficiency income standards (non-elderly, non-disabled; single or by household size)	2014	36% (all households)	stable?	no		no	Yes, strong ethnic	CAP
Affordable Housing	National Association of Home Builders, Housing Opportunity Index	percentage of homes affordable for median-income families	Q4, 2015	16.3%	Worsening	SC-Wats is the least affordable in the U.S.		no		CAP
Poverty Level	US Census Bureau. Small Area Income	Children (below age 18) below 100% FPL	2014	19.1%	available	22.6% state		school district	geographic	HSA
Youth Employment	US Census Bureau ACS	percentage of youth (16-19) employed	2014	21.0%		Cal 20.0%; U.S. 28.8%				CAP

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Educational Factors										
3rd Grade Reading Level	California Department of Education. STAR testing.	Percentage of all public school 3rd grade students tested who scored proficient or advanced on the English Language Arts California Standards Test	2013	36%	maybe improving	California 45%		no		neither
High School Graduation Rate	Cal DoE	4-year cohort graduation rate (including GED/special certificate)	2012-2013	85%	Improving	better than state		school district	Yes, geo & ethnic	CAP
Educational Attainment	US Census Bureau. State and County	Percentage age 25 and older with at least a high school diploma	2009-2013	85%		81% 86%				HSA
Educational Attainment	US Census Bureau. State and County	Percentage age 25 and older with at least a bachelor's degree	2009-2013	37%		31% 29%				HSA
High School Dropout Rates	California Department of Education. EdData.	4-year cohort high school dropout rate (without GED/special certificate)	2009-2013	13.9% Latino, 7.4% white	Improving	Better than state			Yes, geo & strong ethnic	HSA, CAP
Student Attendance	Santa Cruz County Keeping Kids in School Collaborative	percentage of elementary students chronically absent (missing more than 10% of school)	2014	varies by grade				probably by school district	none	CAP
Access to Early Care and Education	CHIS (data now available through	Child attends preschool, nursery school, or Head Start at least 10 hrs/wk	2009-2012	11.8%	unstable data	15.8% state		No	Yes, ethnic	HSA
Affordability of Qual. Early Care & Ed.	Santa Cruz County Child Care Planning Council	percentage of children eligible for subsidized preschool who are not enrolled in subsidized care	2015	70%				by ZIP code		CAP
Level of Committed Caring Relationships	BRFSS	percentage of adults not responding "all" or "most" of the time to "How often do you get the social and emotional support you need?"	2006-2012	24.3%		Cal 24.6%				neither
Level of Committed Caring Relationships	CHKS	percentage of public school 11th-graders reporting high agreement that teachers or other adults at school care about them	2011-2013	32.7%		Cal 37.2%				neither
Child Care	California Child Care Resource & Referral	percentage of children of working parents with access to licensed child care	2014	32%		California = 25%		no		CAP
Student Enrollment	California DoE	total number of students enrolled in K-12	2014-2015	SCC 40,584 CA 6235520	slowly increasing			presumably		CAP
English Learner Students	California DoE	percentage of students with non-English primary language and lacking specified English skills	2013-2014	29.0%		California = 22.7%			do ya think?	CAP
Connection to Comm. & School	California Healthy Kids Survey	percentage of students with "high" level of school or community "environmental assets"	2012-2014		fairly stable			no		CAP

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Social Environment Factors										
Adverse Childhood Events	?	?								neither
Food Insecurity	Second Harvest	number of people served by Second Harvest	2013	56,139	Increasing					CAP
Homelessness	ASR Homeless Census	one-day count	Jan 22 2015	1964 persons	Improved since 2013			Probably, but may not be meaningful	Y, strong racial	HSA
Community/Social Support	CAP survey	percentage surveyed who feel that "the people in your neighborhood often help each other"	2013	51%	none	—		ASR?	ethnic and geo	CAP
Students w/ Free/Reduced Price Meals	California DoE	percentage of children eligible for free or reduced cost school meals	2014-2015	53.2%		state = 58.6%		by district	geo-graphy	CAP
Quality of Life	CAP survey	"How satisfied are you with your overall quality of life?"	2013	67%	none	—		ASR?	income	CAP
CalFresh Participation Rate	Human Services Department	total number of people who receive "food stamps"	2013-2014	23,477	rapidly increasing					CAP
Racism & Discrimination	CAP survey	"Have you felt discriminated against in Santa Cruz County in the last 12 months?"	2013	12.1%	stable or decreasing	—		ASR?	no!	CAP
People with Disabilities	US Census ACS	percentage of all persons who have any disability (many other questions are available)	2013	9.2%	stable	easily		not sure		CAP

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Safety Factors										
Violent Crime Rates	California Attorney General. CJSC Statistics.	violent crimes per 100,000 persons	2012-2014	394/100K	Improving	402/100K state		by law enforcement jurisdiction		HSA
Crime Rates	Dept of Justice. California Criminal	crimes per 1000 residents	2014	34.6	Improving	Cal = 31.0		jurisdiction		CAP
Gang-related Cases & Arrests	Santa Cruz County Anti-Crime Team	numbers of gang-related cases and arrests	2014	265; 280				jurisdiction	geo-graphy	CAP
Perception of Crime & Safety	CAP survey	"How concerned are you about crime in Santa Cruz County?" (percentage "very concerned")	2015	35.7%	fairly stable	—		region	minor	CAP
Child Abuse	Child Welfare Services Reports for California	substantiated cases of child abuse per 1000 children ages 0-17	2014	6.8/1000	Improving			no?		CAP
Juvenile Arrests	Dept of Justice. California Criminal	felony and misdemeanor arrests per 1000 youths (10-17)	2014	25.8/1000	rapidly improving	available		jurisdiction		CAP
Driving Under the Influence	Dept of Justice. California Criminal	adult DUI arrests per 10,000 adult residents	2014	73.3/10K	fairly stable	much worse than state		jurisdiction		CAP
Police Response Time	Santa Cruz Consolidated Emergency	average response time to Priority 1 calls	2014	highly variable by city	varies			jurisdiction	geo-graphy	CAP
Domestic Violence	Dept of Justice. California Criminal	domestic violence calls per 1,000 residents	2014	3.2/1000	fairly stable	better than California		"count" data by city, no denominators		CAP
Drug-related Arrests	Dept of Justice. California Criminal	total drug arrests per 10,000 residents	2014	adult 99.4; 10-17 29.4	improving			jurisdiction		CAP
Elder Abuse	SCCounty Human Services	reported cases of elder abuse per 1000 residents age 65 or older	2014	18.5/1000	variable			no		CAP
Fire Response Time	Santa Cruz Consolidated Emergency	Code 3 average response times to emergency calls	2014	by city	variable			by city	urban/rural	CAP
Jail Population Characteristics	Sheriff's office	several measures: daily census, repeat offenders, demographics, alcohol-related	2014		stable				race-ethnicity	CAP
Foster Care Placement	Child Welfare Services Reports for California	first entry into foster care per 1,000 children age 0-17	2014	2.4/1000	peaked in 2011	slightly better than Calif		no		CAP

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Health Care Access and Quality										
Health Insurance Coverage	CHIS	currently insured (age 18-64)	2014	77.5%	none			no	strong ethnic	CAP
Health Insurance Coverage	US Census Small Area Health Insurance Estimates	percentage uninsured under age 65 or 18-64 (statistically modeled estimates based on survey sample)	2013	<65: 18.5%; 18-64: 22.1%	improving	worse than national		no		HSA
Access to Healthcare	CAP survey	regular source? where? able to get care?	2015						ethnic	CAP
Primary Care Provider Rate	Area Health Resource File, American	ratio of population to number of primary care physicians	2012	1034:1		among the best		no		HSA
Low Income Health Insurance	CCAH	CCAH members enrolled in Medi-Cal	2015	64,329	Increasing			north/south	ethnic, geo	CAP
Underinsured	no local data found									HSA
Dental Insurance Coverage	CAP survey 2014	"Does your health insurance cover dental care?"	2013	58.1%	Decreasing					CAP
Dental Care	CAP survey	"In the past 12 months, have you had dental care?"	2015	66.5%					ethnic	CAP
Quality of Life										
Self-rated General Health	BRFSS	"In general, would you say that your health is excellent, very good, good, fair, or poor?" (percentage answering Excellent, Very Good, or Good)	2006-2012	83.6%	rebounded from depression rates	roughly similar to state and national		no		HSA
Self-rated General Health	CHIS	"In general, would you say your health is excellent, very good, good, fair, or poor?" (percentage answering Excellent, Very Good, or Good)	2014	79.4%	recent drop	state = 83.0%				HSA
Self-rated General Health	CAP survey	similar to question above	2015	79.6%	recent drop				ethnic	CAP
Mental Health	BRFSS	"...how many days during the past 30 days was your mental health not good?"	2006-2012	3.7		Cal 3.6; U.S. 3.5		no		HSA

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Behavioral Risk Factors										
Physical Activity	CDC	many options	2012			outstanding		no		HSA
Nutrition	CAP survey; NHANES;	many options	2015			SCC better		no	varied	CAP, HSA
Obesity	BRFSS	percentage (adults?) obese	2012	20.6%	rapidly increasing	12th/58; 66th/3148		no	yes, ethnic	HSA
Obesity	CHIS	percentage of adults overweight or obese	2014	28.3%, 28.0%	rapidly increasing	Cal = 35%, 27%		Santa Cruz 20%, Watsonville 40.1%	yes, geo & ethnic	HSA
Alcohol Use	BRFSS	adult binge drinking within 30 days	2006-2012	SCC 19.1%; Cal 15.9%		worse than state		no		HSA
Tobacco Use	CHIS, NHIS	current cigarette smoking			Improving	better than both		poor		HSA
Tobacco Use	California Healthy Kids Survey	percentage of 11th graders who reported cigarette smoking within the last month	2011-2013	12.1%	Improving?	California 10.2%		by district		CAP
Prescription Drug Use	CAP survey	"During the past 30 days, on how many days have you taken a prescription drug that was not prescribed to you?" (percentage who replied anything other than none?)	2015	2.3%	none					CAP
Substance Use by Students	California Healthy Kids Survey	percentage of 11th graders who reported binge drinking within the last month	2011-2013	27.0%	Improving	California 20.7%		by district		CAP
Substance Use by Students	California Healthy Kids Survey	percentage of 11th graders who reported ever having used inhalants	2011-2013	8.7%		California 11.1%		by district		CAP
Substance Use by Students	California Healthy Kids Survey	percentage of 11th graders who reported ever having used prescription drugs recreationally	2011-2013	19.8%		California 19.0%		by district		CAP
Illicit Drug Use	CHIS	teen marijuana use within last year	2012	3.9%		state = 8.6%		no		HSA
Seatbelt Use	?	?								neither

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Environmental Health Factors										
Air Quality	APCD	number of complaints	2014	124				ten areas		CAP
Water Use Reduction	CAP survey	"Are you taking any of the following steps to reduce your household water consumption?"	2015					no		CAP
Water Use Reduction	County Planning	daily water usage per connection	2013	1937 gal				by six districts	geogr	CAP
Roadway Congestion	Census Bureau. ACS.	commute time to work	2014		none					CAP
Farmers Markets	CAP survey	"How often do you shop at farmers' markets, local produce stands, or community supported agriculture?"	2015	42.9% at least once per week	none					CAP
Waste Reduction	CalRecycle	estimated pounds of waste generated per resident	2013		none			by city		CAP
Concern for the Environment	CAP survey	"What one thing concerns you the most about the natural environment in Santa Cruz County?"	2015							CAP
Alternative Transportation	CAP survey, MTD, RTC, Census	numerous	2014							CAP
Beach Warnings and Closures	SCC Environmental Health	swim advisory days	2014	164	none			by beach		CAP
Health of County Waterways	SCC Water Quality Reports	creeks and lagoons that exceeded state and county body contact standards for E. coli or coliform	2015	list						CAP
Pesticide Use	Dept of Pesticide	pesticide use per acre (in pounds)	2013	6.1						CAP
Organic Farming	SC Ag Commissioner	organic farmland (in acres)	2014	4058	Increasing					CAP
Availability of Alcohol	Dept Alcoholic Beverage Control	retail alcohol outlets per 1000 people	2015	2.8		Cal = 2.2				CAP
Protected Land	California Protected Areas Database	protected acres	2015	84,608						CAP
Farmland Acreage	SCC Ag Commissioner	farmland acreage	2014	18,019	decreasin					CAP

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Social and Mental Health Factors										
Mental Health	see under Quality of	see under Quality of Life								
Suicide	County Health Status Profiles	age-adjusted rate per 100,000 persons	2011-2013	13.7/ 100K	Increasing	Cal 10.2 US 12.6		possible to do so		HSA, CAP
Acceptance of Adult Alcohol Provision	CAP survey	"How acceptable do you think it is for adults to provide alcohol to persons under 21, other than their own children, in their home?" (Very Acceptable or Somewhat Acceptable)	2015	9.9%					ethnic	CAP
Community Acceptance of Marijuana Use	CAP survey	"How acceptable do you find the use of marijuana for recreational or non-medicinal use?" (responses of Very Acceptable or Somewhat Acceptable)	2015	52.5%	Increasing			by ethnicity or region	ethnic, region	CAP
Maternal and Child Health Factors										
Infant Mortality	CDPH Vital Statistics Query System (and CDC for U.S. rates)	infant deaths (<365 days) per 1,000 live births	2013	4.5	Improving	better than U.S.; usually better than Cal				HSA
Low Birth Weight	CDPH Vital Statistics Query System (and CDC for U.S. rates)	percentage of live births that were <2500g	2013	5.6%	Improving	better		by ethnicity	no	HSA
Prenatal Care	Births, Santa Cruz County, 2014	percentage of births for which the mother received prenatal care within the first trimester	2014	82.0%	none	comparable to California				HSA, CAP
Breastfeeding	CDPH	percentage of mothers exclusively breastfeeding at birth	2013	86%	Improving	better			ethnic	HSA
Teen Births	CDPH FHOP	percentage of teens (15-19) who give birth	2014		Improving	very low			strong ethnic	HSA
Immunization Coverage	CDHS Kindergarten Assessment Results; Child Care	percentage of child care center and kindergarten entrants who had received all required immunizations	2014-2015	76.5% CCC; 83.4% KG	little if any	much worse than state			ethnic	CAP

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Death, Illness and Injury										
Death Rate from All Causes	County Health Status Profiles for HSA;	age-adjusted rate of death by cause, per 100,000 residents	2011-2013	625.9/100K	Improving	Cal = 641.1		no	ethnic	HSA, CAP
Heart Disease	County Health Status Profiles for HSA;	age-adjusted rate of death by cause, per 100,000 residents	2011-2013	81.6/100K	Improving	Cal = 103.8		no	ethnic	HSA, CAP
Cancer Mortality	County Health Status Profiles for HSA;	age-adjusted rate of death by cause, per 100,000 residents	2011-2013	144.4/100K	Improving	Cal = 151.0		no	ethnic	HSA, CAP
Diabetes	County Health Status Profiles for HSA;	age-adjusted rate of death by cause, per 100,000 residents	2011-2013	13.4/100K	none	Cal = 20.8		no	ethnic	HSA, CAP
Injury-related Mortality	County Health Status Profiles for HSA;	age-adjusted rate of death by cause, per 100,000 residents	2011-2013	33.4/100K	none	Cal = 27.9		no	ethnic	HSA, CAP
Motor Vehicle Mortality	County Health Status Profiles for HSA	age-adjusted rate of death by cause, per 100,000 residents	2011-2013	6.2/100K	Improving	Cal = 7.6		no		HSA
Hospital Utilization	OSHPD	number of admissions, by reason, by hospital	2014							CAP
Cancer Incidence	California Cancer Registry	age-adjusted all-cancers incidence per 1000 residents	2009-2013	439.10 per 100K		Cal = 417.96		no	ethnic	neither
Non-fatal Intentional Injuries	OSHPD	non-fatal intentional assault injuries with ED visit, per 100,000 residents	2013	~ 200/100K	Improving					HSA
Non-fatal Unintentional Injuries	CDC National Center for Injury Prevention and Control	non-fatal unintentional injuries with ED visit, per 100,000 residents	2013	~ 5000	slightly increasing	better		no		HSA
Motor Vehicle Injury	CDPH EpiCenter	number of non-fatal unintentional injuries in motor vehicle accidents, age 0-20	2013	14	Improving			no	no	CAP
Motor Vehicle Injury	OSHPD	non-fatal unintentional injuries in motor vehicle/bike accidents, per 100,000 residents	2013	25.0/100K	Worsening					HSA
Asthma-related	OSHPD	hospitalization for asthma	2012	5.1/10,000		state = 8.6		no	yes, race	HSA

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Infectious Disease										
Sexually Transmitted Infections	SCC Public Health, CD Unit	rates of chlamydia, gonorrhea, or syphilis per 100K residents	2015		Sharply increasing	better than CA; worse than U.S.		could be done		HSA
Vaccine Preventable Diseases	SCC Public Health, CD Unit	rates of measles, pertussis, and other VPDs	2015		variable	variable				HSA, CAP
AIDS	SCC Public Health, CD Unit	incidence count of HIV per year	2014	23	variable	better than California		could be done	race-ethnicity	HSA
Tuberculosis	SCC Public Health, CD Unit	incidence of active TB cases per 100,000 residents	2011-2013	2.7/100,000		better than California		could be done		HSA
Enterics	SCC Public Health, CD	numbers of outbreaks, GI or respiratory illness	2014	16						HSA
Notes										