

Health Indicators										Needs Score				Data Details			
Potential Health Needs	Core/ Related	Indicator	Kaiser Indicator name	MATCH Category	Measure Type	Population Denominator	HP 2020 Value	State Benchmark	National Benchmark	Benchmark used in scoring	Desired Direction	Value for San Joaquin County	Difference from the Benchmark Value	Data Source	State Data Year	National Data Year	County Area Year
Access to Care		Primary Care Physicians, Rate per 100,000 population	Access to Primary Care	Clinical Care	Rate	702,612	n/a	77.2	74.5	State	Above benchmark	60.6	-16.6	US Department of Health & Human Services,Health Resources and Services Administration,Area Health Resource File	2012	2012	2012
		Percent of adults without any regular doctor	n/a	Clinical Care	Percentage	no data	n/a	27.1%	22.1%	State	Below benchmark	24.8%	-2.30%	Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System	2011-12	2011-12	2011-12
		Mental Health Care Provider Rate Per 100,000 population	Access to Mental Health Providers	Clinical Care	Rate	716,269	n/a	157	134.1	State	Above benchmark	90.1	-66.9	University of Wisconsin Population Health Institute, County Health Rankings	2014	2014	2014
	Related	Percent of child population without health insurance (<age 19)	n/a	Social and Economic Factors	Percentage	no data	n/a	8.4%	7.5%	State	Below benchmark	8.2%	-0.20%	U.S. Census Bureau, Small Area Health Insurance Estimates	2012	2012	2012
		Percent of adult population without health insurance (age 18-64)	n/a	Social and Economic Factors	Percentage	no data	n/a	24.7%	20.8%	State	Below benchmark	25.2%	0.50%	U.S. Census Bureau, Small Area Health Insurance Estimates	2012	2012	2012
		Percent of Total Population Receiving Medicaid	n/a	Social and Economic Factors	Percentage	625,408	n/a	23.2%	no data	State	n/a	30.9%		US Census Bureau, American Community Survey	2014		2014
		Percent of Insured Population Receiving Medicaid	n/a	Social and Economic Factors	Percentage	no data	n/a	14.0%	no data	State	Below benchmark	13.3%	-0.70%	US Census Bureau, American Community Survey	2014		2014
		Percent of women late to prenatal care (past first trimester)	n/a	Health Behaviors	Percentage	no data	<=22.1%	16.5%	29.2%	State	Below benchmark	22.5%	6.00%	California Department of Public Health / Centers for Disease Control and Prevention, National Vital Statistics System / HP2020	2011	2007	2011
		Percent of kindergarteners with all required immunizations	n/a	Clinical Care	Percentage	no data	n/a	90.4%	no data	State	Above benchmark	95.6%	5.20%	California Department of Public Health Immunization Branch (data accessed through kidsdata.org)	2014-15		2014-15
		Percent of adults age 65+ who have ever received a pneumonia vaccination	n/a	Clinical Care	Percentage	no data	n/a	63.4%	67.5%	State	Above benchmark	63.9%	0.50%	Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System	2006-12	2006-12	2006-12
		Percent Uninsured Population	Insurance - Uninsured Population	Social & Economic Factors	Percentage	692,244	n/a	16.7%	14.2%	State	Below benchmark	16.1%	-0.60%	US Census Bureau, American Community Survey	2014	2014	2014
		Federally Qualified Health Centers, Rate per 100,000 Population	Federally Qualified Health Centers	Clinical Care	Rate	685,306	n/a	1.97	1.92	State	Above benchmark	1.31	-0.66	US Department of Health & Human Services,Center for Medicare & Medicaid Services,Provider of Services File. June 2014.	2014	2014	2014
		Percentage of Population Living in a Primary Care HPSA	Health Professional Shortage Area - Primary Care	Clinical Care	Percentage	685,306	n/a	25.2%	34.1%	State	Below benchmark	39.9%	14.75%	US Department of Health & Human Services,Health Resources and Services Administration,Health Resources and Services Administration	2015	2015	2015
		Age-Adjusted Discharge Rate (Per 10,000 population)	Preventable Hospital Events	Clinical Care	Rate	no data	n/a	83.17	no data	State	Below benchmark	97.33	14.16	California Office of Statewide Health Planning and Development, OSHPD Patient Discharge Data. additional data analysis by CARES. 2011.	2011		2011
		Preventable hospitalization rate among Medicare enrollees / preventable hospital events per 1,000 population	n/a	Clinical Care	Rate	no data	n/a	45.30	59.30	State	Below benchmark	52.2	6.9	Dartmouth College Institute for Health Policy & Clinical Practice, Dartmouth Atlas of Health Care	2012	2012	2012
		Percentage of Population Living in a Dental HPSA	Health Professional Shortage Area - Dental	Clinical Care	Percentage	685,306	n/a	4.9%	32.0%	State	Below benchmark	0.0%	-4.93%	US Department of Health & Human Services,Health Resources and Services Administration,Health Resources and Services Administration	2015	2015	2015
		Percent Female Medicare Enrollees with Mammogram in Past 2 Year	Cancer Screening - Mammogram	Clinical Care	Percentage	3,518	n/a	59.3%	63.0%	State	Above benchmark	59.3%	0.00%	Dartmouth College Institute for Health Policy & Clinical Practice, Dartmouth Atlas of Health Care	2012	2012	2012
		Percent Adults Females Age 18+ with Regular Pap Test(Age-Adjusted)	Cancer Screening - Pap Test	Clinical Care	Percentage	295,609	n/a	78.3%	78.5%	State	Above benchmark	78.9%	0.60%	Centers for Disease Control and Prevention,Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health & Human	2006-12	2006-12	2006-12
		Percent decrease in uninsurance rate among non-elderly adults from 2013 to 2014 (ACA implementation)	n/a	Clinical Care	Percentage	no data	n/a	no data	no data	State	Above benchmark	8.0%	n/a	Enroll America (www.enrollamerica.org)			2013-14
		Percent Adults Screened for Colon Cancer (Age-Adjusted)	Cancer Screening - Sigmoid/Colonoscopy	Clinical Care	Percentage	136,265	n/a	57.9%	61.3%	State	Above benchmark	54.7%	-3.20%	Centers for Disease Control and Prevention,Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health & Human	2006-12	2006-12	2006-12
Access to Housing	Core	Vacant Housing Units, Percent	Housing - Vacant Housing	Physical Environment	Percentage	234,622	n/a	8.6%	12.5%	State	Below benchmark	8.1%	-0.51%	US Census Bureau, American Community Survey	2009-13	2009-13	2009-13
		Percentage of Households where Housing Costs Exceed 30% of Income	Housing - Cost Burdened Households	Physical Environment	Percentage	215,563	n/a	45.9%	35.5%	State	Below benchmark	44.9%	-0.97%	US Census Bureau, American Community Survey	2009-13	2009-13	2009-13
		Proportion of renters spending 30% or more of household income on rent	n/a	Social and Economic Factors	Percentage	no data	n/a	56.9%	52.3%	State	Below benchmark	58.3%	1.40%	US Census Bureau, American Community Survey	2009-13	2009-13	2009-13
		Percent Occupied Housing Units with One or More Substandard Conditions	Housing - Substandard Housing	Physical Environment	Percentage	215,563	n/a	48.4%	36.1%	State	Below benchmark	47.5%	-0.88%	US Census Bureau, American Community Survey	2009-13	2009-13	2009-13
		HUD-Assisted Units, Rate per 10,000 Housing Units	Housing - Assisted Housing	Physical Environment	Rate	233,755	n/a	368.30	384.30	State	Below benchmark	335.14	-33.16	US Department of Housing and Urban Development	2013	2013	2013
	Related	Total number of homeless individuals	n/a	Social and Economic Factors	Number	no data	n/a	no data	no data	n/a	n/a	2,641	n/a	Head Start Report: ASSESSING THE NEEDS OF CHILDREN & FAMILIES IN SAN JOAQUIN COUNTY 2014. San Joaquin County Community Development Department, "San Joaquin			2011
		Percent renter occupied households	n/a	Social and Economic Factors	Percentage	no data	n/a	44.7%	35.1%	State	Below benchmark	41.7%	-3.00%	US Census Bureau, American Community Survey	2009-13	2009-13	2009-13
		Proportion of renter occupied households living in overcrowded environments (>1 persons/room)	n/a	Physical Environment	Percentage	no data	n/a	12.2%	4.2%	State	Below benchmark	11.4%	-0.80%	US Census Bureau, American Community Survey	2008-12	2008-12	2008-12

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Asthma and COPD	Core	Percent Adults Ever Diagnosed with Asthma (age 18+)	Asthma - Prevalence	Health Outcomes	Percentage	501,000	n/a	13.8%	no data	State	Below benchmark	20.8%	7.00%	California Health Interview Survey	2014		2014
		Percent Children Ever Diagnosed with Asthma (age <18)	n/a	Health Outcomes	Percentage	162,000	n/a	14.5%	no data	State	Below benchmark	34.3%	19.80%	California Health Interview Survey	2014		2014
		Percent of children diagnosed and currently experiencing asthma	n/a	Health Outcomes	Percentage	no data	n/a	10.1%	8.3%	State	Below benchmark	15.1%	5.00%	California Health Interview Survey / NHIS 2013 (from CDC website)	2011-12	2013	2011-12
		Tuberculosis incidence (per 100,000 population)	n/a	Health Outcomes	Rate	no data	<=1.0	6.4	3.0	State	Below benchmark	8.1	1.7	California Department of Public Health / Centers for Disease Control and Prevention	2009-11	2013	2009-11
		Age-Adjusted Hospital Discharge Rate for Asthma (Per 10,000 population)	Asthma - Hospitalizations	Health Outcomes	Rate	no data	n/a	8.9	no data	State	Below benchmark	8.7	-0.16	California Office of Statewide Health Planning and Development, OSHPD Patient Discharge Data. additional data analysis by CARES. 2011.	2011		2011
	Related	Percent Occupied Housing Units with One or More Substandard Conditions	Housing - Substandard Housing	Physical Environment	Percentage	215,563	n/a	48.4%	36.1%	State	Below benchmark	47.5%	-0.88%	US Census Bureau, American Community Survey	2009-13	2009-13	2009-13
		Chronic lower respiratory disease mortality rate (age adjusted; per 100,000)	n/a	Health Outcomes	Rate	no data	n/a	37.5	no data	State	Below benchmark	44.4	6.9	California Department of Public Health	2009-11		2009-11
		Percentage of Days Exceeding Ozone Standards, population Adjusted Average	Air Quality - Ozone (O3)	Physical Environment	Percentage	685,306	n/a	2.5%	0.5%	State	Below benchmark	1.6%	-0.83%	Centers for Disease Control and Prevention, National Environmental Public Health Tracking Network	2008	2008	2008
		Percent Population Smoking Cigarettes (Age-Adjusted)	Tobacco Usage	Health Behaviors	Percentage	479,299	n/a	12.8%	18.1%	State	Below benchmark	16.2%	3.40%	Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health & Human Services	2006-12	2006-12	2006-12
		Cigarette Expenditures, Percentage of Total Household Expenditures	Tobacco Expenditures	Health Behaviors	Percentage	no data	n/a	1.0%	1.6%	State	Below benchmark	suppressed		Nielsen, Nielsen Site Reports	2014	2014	
		Percentage of Days Exceeding Particulate Matter Standards, population Adjusted Average	Air Quality - Particulate Matter 2.5	Physical Environment	Percentage	685,306	n/a	4.2%	1.2%	State	Below benchmark	10.1%	5.95%	Centers for Disease Control and Prevention, National Environmental Public Health Tracking Network	2008	2008	2008
		Percent Adults with BMI > 30.0 (Obese)	Obesity (Adult)	Health Outcomes	Percentage	480,180	<=30.5%	22.3%	27.1%	State	Below benchmark	29.1%	6.80%	Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion	2012	2012	2012
		Percent Adults Overweight	Overweight (Adult)	Health Outcomes	Percentage	466,438	n/a	35.8%	35.8%	State	Below benchmark	31.0%	-4.80%	Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. additional data analysis by CARES	2011-12	2011-12	2011-12
		Percent Youth Obese	Obesity (Youth)	Health Outcomes	Percentage	30,139	<=16.1%	19.0%	no data	State	Below benchmark	21.0%	1.96%	California Department of Education, FITNESSGRAM® Physical Fitness Testing	2013-14		2013-14
		Percent Youth Overweight	Overweight (Youth)	Health Outcomes	Percentage	30,139	n/a	19.3%	no data	State	Below benchmark	20.9%	1.62%	California Department of Education, FITNESSGRAM® Physical Fitness Testing	2013-14		2013-14
	Core	Annual Breast Cancer Incidence Rate (Per 100,000 population)	Cancer Incidence - Breast	Health Outcomes	Rate	341,182	n/a	122.4	122.7	State	Below benchmark	111.3	-11.1	National Institutes of Health, National Cancer Institute, Surveillance, Epidemiology, and End Results Program. State Cancer Profiles	2007-11	2007-11	2007-11
		Colorectal cancer mortality rate (age-adjusted; per 100,000 population)	n/a	Health Outcomes	Rate	no data	<=14.5	13.9	no data	State	Below benchmark	15.5	1.6	California Department of Public Health	2011-13		2011-13
		Breast cancer mortality rate (age-adjusted; per 100,000 population)	n/a	Health Outcomes	Rate	no data	<=20.7	20.7	no data	State	Below benchmark	21.7	1	California Department of Public Health	2011-13		2011-13
		Lung cancer mortality rate (age-adjusted; per 100,000 population)	n/a	Health Outcomes	Rate	no data	n/a	33.6	no data	State	Below benchmark	43.2	9.6	California Department of Public Health	2011-13		2011-13
		Prostate cancer mortality rate (age-adjusted; per 100,000 population)	n/a	Health Outcomes	Rate	no data	<=21.8	20.2	no data	State	Below benchmark	20.5	0.3	California Department of Public Health	2009-11		2009-11
		Cancer, Age-Adjusted Mortality Rate (per 100,000 Population)	Mortality - Cancer	Health Outcomes	Rate	685,306	<= 160.6	157.1	no data	State	Below benchmark	174.9	17.79	University of Missouri, Center for Applied Research and Environmental Systems. California Department of Public Health, CDPH - Death Public Use Data	2010-12		2010-12
		Annual Cervical Cancer Incidence Rate (Per 100,000 population)	Cancer Incidence - Cervical	Health Outcomes	Rate	341,182	<= 7.1	7.8	7.8	State	Below benchmark	6.4	-1.4	National Institutes of Health, National Cancer Institute, Surveillance, Epidemiology, and End Results Program. State Cancer Profiles	2007-11	2007-11	2007-11
		Annual Colon and Rectum Cancer Incidence Rate (Per 100,000 population)	Cancer Incidence - Colon and Rectum	Health Outcomes	Rate	680,277	<= 38.7	41.5	43.3	State	Below benchmark	41.2	-0.3	National Institutes of Health, National Cancer Institute, Surveillance, Epidemiology, and End Results Program. State Cancer Profiles	2007-11	2007-11	2007-11
		Annual Prostate Cancer Incidence Rate (Per 100,000 population)	Cancer Incidence - Prostate	Health Outcomes	Rate	339,095	n/a	136.4	142.3	State	Below benchmark	147.6	11.2	National Institutes of Health, National Cancer Institute, Surveillance, Epidemiology, and End Results Program. State Cancer Profiles	2007-11	2007-11	2007-11
		Annual Lung Cancer Incidence Rate (Per 100,000 population)	Cancer Incidence - Lung	Health Outcomes	Rate	680,277	n/a	49.5	64.9	State	Below benchmark	60.7	11.2	National Institutes of Health, National Cancer Institute, Surveillance, Epidemiology, and End Results Program. State Cancer Profiles	2007-11	2007-11	2007-11
		Estimated Percentage Adults Drinking Excessively Age-Adjusted	Alcohol - Excessive Consumption	Health Behaviors	Percentage	479,299	n/a	17.2%	16.9%	State	Below benchmark	15.5%	-1.70%	Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health & Human Services	2006-12	2006-12	2006-12
		Alcoholic Beverage Expenditures, Percentage of Total Food-At-Home Expenditures	Alcohol - Expenditures	Health Behaviors	Percentage	no data	n/a	12.9%	14.3%	State	Below benchmark	suppressed		Nielsen, Nielsen Site Reports	2014	2014	
		Liquor Stores, Rate (Per 100,000 Population)	Liquor Store Access	Physical Environment	Rate	685,306	n/a	10.0	10.4	State	Below benchmark	7.4	-2.58	US Census Bureau, County Business Patterns. Additional data analysis by CARES	2012	2012	2012

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Cancers	Related	Percent Adults Overweight	Overweight (Adult)	Health Outcomes	Percentage	466,438	n/a	35.8%	35.8%	State	Below benchmark	31.0%	-4.80%	Centers for Disease Control and Prevention,Behavioral Risk Factor Surveillance System. additional data analysis by CARES	2011-12	2011-12	2011-12
		Percent Adults with BMI > 30.0 (Obese)	Obesity (Adult)	Health Outcomes	Percentage	480,180	<=30.5%	22.3%	27.1%	State	Below benchmark	29.1%	6.80%	Centers for Disease Control and Prevention,National Center for Chronic Disease Prevention and Health Promotion	2012	2012	2012
		Percent of women age 55+ with mammogram in past 2 years	n/a	Clinical Care	Percentage	no data	>=81.1%	81.2%	no data	State	Above benchmark	78.6%	-2.60%	California Health Interview Survey	2007		2007
		Percent Female Medicare Enrollees with Mammogram in Past 2 Year	Cancer Screening - Mammogram	Clinical Care	Percentage	3,518	n/a	59.3%	63.0%	State	Above benchmark	59.3%	0.00%	Dartmouth College Institute for Health Policy & Clinical Practice, Dartmouth Atlas of Health Care	2012	2012	2012
		Percent Adults with In/adequate Fruit / Vegetable Consumption	Low Fruit/Vegetable Consumption (Adult)	Health Behaviors	Percentage	462,249	n/a	71.5%	75.7%	State	Below benchmark	65.6%	-5.90%	Centers for Disease Control and Prevention,Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health & Human	2005-09	2005-09	2005-09
		Fruit / Vegetable Expenditures, Percentage of Total Food-At-Home Expenditures	Fruit/Vegetable Expenditures	Health Behaviors	Percentage	no data	n/a	14.1%	12.7%	State	Above benchmark	suppressed		Nielsen, Nielsen Site Reports	2014	2014	
		Percent Population with Low Food Access	Food Security - Food Desert Population	Social & Economic Factors	Percentage	685,306	n/a	14.3%	23.6%	State	Below benchmark	15.1%	0.78%	US Department of Agriculture, Economic Research Service, USDA - Food Access Research Atlas	2010	2010	2010
		Percent Population Smoking Cigarettes(Age-Adjusted)	Tobacco Usage	Health Behaviors	Percentage	479,299	n/a	12.8%	18.1%	State	Below benchmark	16.2%	3.40%	Centers for Disease Control and Prevention,Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health & Human	2006-12	2006-12	2006-12
		Percent of adults currently or formerly using tobacco	n/a	Health Behaviors	Percentage	no data	n/a	37.0%	44.2%	State	Below benchmark	40.6%	3.60%	Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System	2011-12	2008	2011-12
		Cigarette Expenditures, Percentage of Total Household Expenditures	Tobacco Expenditures	Health Behaviors	Percentage	no data	n/a	1.0%	1.6%	State	Below benchmark	suppressed		Nielsen, Nielsen Site Reports	2014	2014	
		Percent Adults Females Age 18+ with Regular Pap Test(Age-Adjusted)	Cancer Screening - Pap Test	Clinical Care	Percentage	295,609	n/a	78.3%	78.5%	State	Above benchmark	78.9%	0.60%	Centers for Disease Control and Prevention,Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health & Human	2006-12	2006-12	2006-12
		Percent Population with no Leisure Time Physical Activity	Physical inactivity (Adult)	Health Behaviors	Percentage	480,591	n/a	16.6%	22.6%	State	Below benchmark	18.6%	2.00%	Centers for Disease Control and Prevention,National Center for Chronic Disease Prevention and Health Promotion	2012	2012	2012
		Percent Adults Screened for Colon Cancer (Age-Adjusted)	Cancer Screening - Sigmoid/Colonoscopy	Clinical Care	Percentage	136,265	n/a	57.9%	61.3%	State	Above benchmark	54.7%	-3.20%	Centers for Disease Control and Prevention,Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health & Human	2006-12	2006-12	2006-12
		Pounds of pesticides applied	n/a	Physical Environment	Number	n/a	n/a	193,597,806	no data	n/a	n/a	11,017,592	n/a	California Department of Pesticide Regulation	2013		2013
		Rank of pesticides use among California counties	n/a	Physical Environment	Number	n/a	n/a	n/a	n/a	n/a	n/a	4	n/a	California Department of Pesticide Regulation			2013
		Percentage of Days Exceeding Particulate Matter Standards, Population Adjusted Average	Air Quality - Particulate Matter 2.5	Physical Environment	Percentage	685,306	n/a	4.2%	1.2%	State	Below benchmark	10.1%	5.95%	Centers for Disease Control and Prevention,National Environmental Public Health Tracking Network	2008	2008	2008
Early Child Development	Core	Percent of children age 3-4 enrolled in school (includes Head Start, licensed child care, nurseries, Pre-K, registered child care, and other)	Education - School Enrollment Age 3-4	Social and Economic Factors	Percentage	no data	n/a	47.8%	47.1%	State	Above benchmark	38.6%	-9.20%	US Census Bureau, American Community Survey	2014	2014	2014
		Head Start Programs Rate (Per 10,000 Children Under Age 5)	Education - Head Start Program Facilities	Social and Economic Factors	Rate	54,228	n/a	6.3	7.6	State	Above benchmark	10.1	3.8	US Department of Health & Human Services, Administration	2014	2014	2014
		3rd grade reading proficiency (Percentage of all public school students tested in 3rd grade who scored proficient or advanced on the English Language Arts California Standards Test)	n/a	Social and Economic Factors	Percentage	no data	n/a	45.0%	no data	State	Above benchmark	34.0%	-11.00%	California Dept. of Education, Standardized Testing and Reporting (STAR) Results	2013		2013
		Percent of children in foster care system for more than 8 days but less than 12 months with 2 or less placements (placement stability)	n/a	Social and Economic Factors	Percentage	no data	n/a	86.6%	no data	State	Above benchmark	84.7%	-1.90%	California Child Welfare Indicators Project (CCWIP)	2014		2014
	Related	Percent of children age 0-12 considered in excellent or very good health	n/a	Health Outcomes	Percentage	no data	n/a	77.8%	no data	State	Above benchmark	70.9%	-6.90%	California Health Interview Survey	2013-14		2013-14
		Percent of children 4 months-5 years at moderate or high risk of developmental delay	Percent of children 4 months-5 years at moderate or high risk of	Health Outcomes	Percentage	no data	n/a	42.2%	no data	State	Below benchmark	43.1%	0.90%	California Health Interview Survey	2007-09		2007-09
		Rate of children in foster care (per 1,000 child population under age 18)	n/a	Social and Economic Factors	Rate	no data	n/a	6.0	no data	State	Below benchmark	7.1	1.1	California Child Welfare Indicators Project (CCWIP)	2014		2014
		Pounds of pesticides applied	n/a	Physical Environment	Number	no data	n/a	193,597,806	n/a	n/a	n/a	11,017,592	n/a	California Department of Pesticide Regulation	2013		2013
	Core	Percentage of Days Exceeding Particulate Matter Standards, Population Adjusted Average	Air Quality - Particulate Matter 2.5	Physical Environment	Percentage	685,306	n/a	4.2%	1.2%	State	Below benchmark	10.1%	5.95%	Centers for Disease Control and Prevention,National Environmental Public Health Tracking Network	2008	2008	2008
		Percentage of Population Potentially Exposed to Unsafe Drinking Water	Drinking Water Safety	Physical Environment	Percentage	443,414	n/a	2.7%	10.2%	State	Below benchmark	27.1%	24.40%	University of Wisconsin Population Health Institute, County Health Rankings	2012-13	2012-13	2012-13
		Percentage of Days Exceeding Ozone Standards, population Adjusted Average	Air Quality - Ozone (O3)	Physical Environment	Percentage	685,306	n/a	2.5%	0.5%	State	Below benchmark	1.6%	-0.83%	Centers for Disease Control and Prevention,National Environmental Public Health Tracking Network	2008	2008	2008
		Percentage of Weather Observations with High Heat Index Values	Climate & Health - Heat Index Days	Physical Environment	Percentage	8,395	n/a	0.6%	4.7%	State	Below benchmark	0.3%	-0.33%	National Oceanic and Atmospheric Administration,North America Land Data Assimilation System (NLDAS) - Accessed via CDC WONDER. additional data analysis by CARES	2014	2014	2014

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Climate and Health	Core	Percentage of Weeks in Drought (Any)	Climate & Health - Drought Severity	Physical Environment	Percentage	no data	n/a	92.8%	45.9%	State	Below benchmark	96.9%	4.10%	US Drought Monitor	2012-14	2012-14	2012-14
		Heat-related Emergency Department Visits, Rate per 100,000 Population	Climate & Health - Heat Stress Events	Physical Environment	Rate	885	n/a	11.1	no data	State	Below benchmark	16.8	5.7	California Department of Public Health, CDPH - Tracking California Office of Statewide Health Planning and Development, OSHPD Patient Discharge Data. additional data analysis by CARES. 2011.	2005-12		2005-12
		Age-Adjusted Asthma-related Discharge Rate for Asthma (Per 10,000 population)	Asthma - Hospitalizations	Health Outcomes	Rate	no data	n/a	8.9	no data	State	Below benchmark	8.7	-0.16		2011		2011
		Percent Adults with Asthma (Age 18+)	Asthma - Prevalence	Health Outcomes	Percentage	501,000	n/a	13.8%	no data	State	Below benchmark	20.8%	7.00%	California Health Interview Survey	2014		2014
	Related	Percent Low Birth Weight Births	Low Birth Weight	Health Outcomes	Percentage	685,306	n/a	6.8%	no data	State	Below benchmark	7.0%	0.24%	California Department of Public Health, CDPH - Birth Profiles by ZIP Code	2011		2011
		Total Road Network Density (Road Miles per Acre)	Transit - Road Network Density	Physical Environment	Rate	1,427	n/a	4.3	2.0	State	Below benchmark	2.7	-1.52	Environmental Protection Agency, EPA Smart Location Database	2011	2011	2011
		Percentage of Population within Half Mile of Public Transit	Transit - Public Transit within 0.5 Miles	Physical Environment	Percentage	685,306	n/a	15.5%	8.1%	State	Above benchmark	16.8%	1.27%	Environmental Protection Agency, EPA Smart Location Database	2011	2011	2011
		Population Weighted Percentage of Report Area Covered by Tree Canopy	Climate & Health - Canopy Cover	Physical Environment	Percentage	685,306	n/a	15.1%	24.7%	State	Above benchmark	9.2%	-5.93%	Multi-Resolution Land Characteristics Consortium, National Land Cover Database 2011. additional data analysis by CARES	2011	2011	2011
		Percentage of Housing Units with No Air Conditioning	Climate & Health - No Access to Air Conditioning	Physical Environment	Percentage	233,755	n/a	33.8%	11.4%	State	Below benchmark	no data		US Census Bureau, American Housing Survey	2011, 2013	2011, 2013	
		Pounds of pesticides applied	n/a	Physical Environment	Number	n/a	n/a	193,597,806	no data	n/a	n/a	11,017,592	n/a	California Department of Pesticide Regulation	2013		2013
		Rank of pesticide use among California counties	n/a	Physical Environment	Number	n/a	n/a	n/a	n/a	n/a	n/a	4	n/a	California Department of Pesticide Regulation			2013
		Age-Adjusted Diabetes-related Discharge Rate (Per 10,000 population)	Diabetes Hospitalizations	Health Outcomes	Rate	no data	n/a	10.4	no data	State	Below benchmark	12.0	1.55	California Office of Statewide Health Planning and Development, OSHPD Patient Discharge Data. additional data analysis by CARES. 2011.	2011		2011
		Average Number of Mentally Unhealthy Days per Month	Mental Health - Poor Mental Health Days	Health Outcomes	Rate	479,299	n/a	3.6	3.5	State	Below benchmark	4.0	0.4	Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse	2006-12	2006-12	2006-12
		Heart Disease, Age-Adjusted Mortality Rate (per 100,000 Population)	Mortality - Ischaemic Heart Disease	Health Outcomes	Rate	685,306	<= 100.8	163.2	no data	State	Below benchmark	179.9	16.67	University of Missouri, Center for Applied Research and Environmental Systems. California Department of Public Health, CDPH - Death Public Use Data	2010-12		2010-12
		Percent Adults with BMI > 30.0 (Obese)	Obesity (Adult)	Health Outcomes	Percentage	480,180	<=30.5%	22.3%	27.1%	State	Below benchmark	29.1%	6.80%	Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion	2012	2012	2012
		Percent Youth Obese	Obesity (Youth)	Health Outcomes	Percentage	30,139	<=16.1%	19.0%	no data	State	Below benchmark	21.0%	1.96%	California Department of Education, FITNESSGRAM® Physical Fitness Testing	2013-14		2013-14
	Core	Percent Adults with Heart Disease	Heart Disease Prevalence	Health Outcomes	Percentage	486,000	n/a	6.3%	no data	State	Below benchmark	6.2%	-0.10%	California Health Interview Survey	2011-12		2011-12
		Heart Disease, Age-Adjusted Mortality Rate (per 100,000 Population)	Mortality - Ischaemic Heart Disease	Health Outcomes	Rate	685,306	<= 100.8	163.2	no data	State	Below benchmark	179.9	16.67	University of Missouri, Center for Applied Research and Environmental Systems. California Department of Public Health, CDPH - Death Public Use Data	2010-12		2010-12
		Percent of Medicare fee-for-service population with ischaemic heart disease	n/a	Health Outcomes	Percentage	no data	n/a	26.1%	28.6%	State	Below benchmark	29.3%	3.20%	Centers for Medicare and Medicaid Services	2012	2012	2012
		Percent of adults who have coronary heart disease (age 18+)	n/a	Health Outcomes	Percentage	no data	n/a	3.5%	4.4%	State	Below benchmark	3.6%	0.10%	Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System	2011-12	2005-08	2011-12
		Stroke, Age-Adjusted Mortality Rate (per 100,000 Population)	Mortality - Stroke	Health Outcomes	Rate	685,306	n/a	37.4	no data	State	Below benchmark	45.8	8.43	University of Missouri, Center for Applied Research and Environmental Systems. California Department of Public Health, CDPH - Death Public Use Data	2010-12		2010-12
		Percent Population with no Leisure Time Physical Activity	Physical inactivity (Adult)	Health Behaviors	Percentage	480,591	n/a	16.6%	22.6%	State	Below benchmark	18.6%	2.00%	Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion	2012	2012	2012
		Percent of Youth Physically Inactive	Physical inactivity (Youth)	Health Behaviors	Percentage	30,139	n/a	35.9%	no data	State	Below benchmark	42.5%	6.60%	California Department of Education, FITNESSGRAM® Physical Fitness Testing	2013-14		2013-14
		Percent Population Within 1/2 Mile of a Park	Park Access	Physical Environment	Percentage	685,306	n/a	58.6%	no data	State	Above benchmark	45.6%	-13.01%	US Census Bureau, Decennial Census. ESRI Map Gallery	2010		2010
		Percent Population Living in Car Dependent (Almost Exclusively) Cities	Transit - Walkability	Physical Environment	Percentage	no data	n/a	1.7%	2.0%	State	Below benchmark	no data		Walk Score®	2012	2012	
		Recreation and Fitness Facilities, Rate (Per 100,000 Population)	Recreation and Fitness Facility Access	Physical Environment	Rate	685,306	n/a	8.7	9.44	State	Above benchmark	5.0	-3.69	US Census Bureau, County Business Patterns. Additional data analysis by CARES	2012	2012	2012
		Percent Population Smoking Cigarettes (Age-Adjusted)	Tobacco Usage	Health Behaviors	Percentage	479,299	n/a	12.8%	18.1%	State	Below benchmark	16.2%	3.40%	Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse.	2006-12	2006-12	2006-12
		Cigarette Expenditures, Percentage of Total Household Expenditures	Tobacco Expenditures	Health Behaviors	Percentage	no data	n/a	1.0%	1.6%	State	Below benchmark	suppressed		US Department of Health & Human Services, Nielsen, Nielsen Site Reports	2014	2014	

Health Indicators										Needs Score				Data Details			
Potential Health Needs	Core/ Related	Indicator	Kaiser Indicator name	MATCH Category	Measure Type	Population Denominator	HP 2020 Value	State Benchmark	National Benchmark	Benchmark used in scoring	Desired Direction	Value for San Joaquin County	Difference from the Benchmark Value	Data Source	State Data Year	National Data Year	County Area Year
CVD/Stroke	Related	Estimated Adults Drinking Excessively (Age-Adjusted Percentage)	Alcohol - Excessive Consumption	Health Behaviors	Percentage	479,299	n/a	17.2%	16.9%	State	Below benchmark	15.5%	-1.70%	Centers for Disease Control and Prevention,Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health & Human Services	2006-12	2006-12	2006-12
		Alcoholic Beverage Expenditures, Percentage of Total Food-At-Home Expenditures	Alcohol - Expenditures	Health Behaviors	Percentage	no data	n/a	12.9%	14.3%	State	Below benchmark	suppressed		Nielsen, Nielsen Site Reports	2014	2014	
		Liquor Stores, Rate (Per 100,000 Population)	Liquor Store Access	Physical Environment	Rate	685,306	n/a	10.0	10.35	State	Below benchmark	7.4	-2.58	US Census Bureau,County Business Patterns. Additional data analysis by CARES	2012	2012	2012
		Percent Adults Overweight	Overweight (Adult)	Health Outcomes	Percentage	466,438	n/a	35.8%	35.8%	State	Below benchmark	31.0%	-4.80%	Centers for Disease Control and Prevention,Behavioral Risk Factor Surveillance System. additional data analysis by CARES	2011-12	2011-12	2011-12
		Percent Adults with BMI > 30.0 (Obese)	Obesity (Adult)	Health Outcomes	Percentage	480,180	n/a	22.3%	27.1%	State	Below benchmark	29.1%	6.80%	Centers for Disease Control and Prevention,National Center for Chronic Disease Prevention and Health Promotion	2012	2012	2012
		Percent Youth Overweight	Overweight (Youth)	Health Outcomes	Percentage	30,139	n/a	19.3%	no data	State	Below benchmark	20.9%	1.62%	California Department of Education, FITNESSGRAM® Physical Fitness Testing	2013-14		2013-14
		Percent Youth Obese	Obesity (Youth)	Health Outcomes	Percentage	30,139	n/a	19.0%	no data	State	Below benchmark	21.0%	1.96%	California Department of Education, FITNESSGRAM® Physical Fitness Testing	2013-14		2013-14
		Percent of adults (age 18+) who have ever been diagnosed with high blood pressure	n/a	Health Outcomes	Percentage	no data	n/a	26.2%	28.2%	State	Below benchmark	30.1%	3.90%	Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System	2006-12	2006-12	2006-12
		Percent of Medicare fee-for-service population diagnosed with high blood pressure	n/a	Health Outcomes	Percentage	no data	n/a	51.5%	55.5%	State	Below benchmark	55.6%	4.10%	Centers for Medicare and Medicaid Services	2012	2012	2012
		Percent of adults (age 18+) who have ever been diagnosed with high cholesterol	n/a	Health Outcomes	Percentage	no data	n/a	36.0%	38.5%	State	Below benchmark	39.6%	3.60%	Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System	2011-12	2011-12	2011-12
		Percent of Medicare fee-for-service population diagnosed with high cholesterol	n/a	Health Outcomes	Percentage	no data	n/a	42.1%	44.8%	State	Below benchmark	47.7%	5.60%	Centers for Medicare and Medicaid Services	2012	2012	2012
		Percent of adults not taking medication for their high blood pressure (self=report)	n/a	Clinical Care	Percentage	no data	n/a	30.3%	21.7%	State	Above benchmark	39.9%	9.60%	Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System	2006-10	2006-10	2006-10
		Percent Adults with Diagnosed Diabetes(Age-Adjusted)	Diabetes Prevalence	Health Outcomes	Percentage	478,411	n/a	8.1%	9.1%	State	Below benchmark	10.4%	2.35%	Centers for Disease Control and Prevention,National Center for Chronic Disease Prevention and Health Promotion California Office of Statewide Health Planning and Development, OSHPD Patient Discharge Data. additional data analysis by CARES. 2011.	2012	2012	2012
		Age-Adjusted Diabetes-related Discharge Rate (Per 10,000 population)	Diabetes Hospitalizations	Health Outcomes	Rate	no data	n/a	10.4	no data	State	Below benchmark	12.0	1.55		2011		2011
		Total Population (density per square mile)	n/a	Demographics	Rate	no data	n/a	241.8	88.2	n/a	n/a	498.3	n/a	US Census Bureau, American Community Survey	2009-13	2009-13	2009-13
		Percent Change in Total Population	n/a	Demographics	Percentage	no data	n/a	10.0%	9.7%	n/a	n/a	21.6%	n/a	U.S. Census Bureau	2000-10	2000-10	2000-10
		Families with Children (% of total households)	n/a	Demographics	Percentage	no data	n/a	36.5%	32.7%	n/a	n/a	43.4%	n/a	US Census Bureau, American Community Survey	2009-13	2009-13	2009-13
		Percent Male Population	n/a	Demographics	Percentage	no data	n/a	49.7%	49.2%	n/a	n/a	49.7%	n/a	US Census Bureau, American Community Survey	2010-14	2010-14	2010-14
		Percent Female Population	n/a	Demographics	Percentage	no data	n/a	50.3%	50.8%	n/a	n/a	50.3%	n/a	US Census Bureau, American Community Survey	2010-14	2010-14	2010-14
		Population under Age 18	n/a	Demographics	Percentage	no data	n/a	24.2%	23.5%	n/a	n/a	28.5%	n/a	US Census Bureau, American Community Survey	2010-14	2010-14	2010-14
		Percent Population Age 0-4	n/a	Demographics	Percentage	no data	n/a	6.6%	6.4%	n/a	n/a	7.6%	n/a	US Census Bureau, American Community Survey	2010-14	2010-14	2010-14
		Percent Population Age 5-17	n/a	Demographics	Percentage	no data	n/a	17.6%	17.1%	n/a	n/a	20.9%	n/a	US Census Bureau, American Community Survey	2010-14	2010-14	2010-14
		Percent Population Age 18-24	n/a	Demographics	Percentage	no data	n/a	10.5%	10.0%	n/a	n/a	10.4%	n/a	US Census Bureau, American Community Survey	2010-14	2010-14	2010-14
		Percent Population Age 25-44	n/a	Demographics	Percentage	no data	n/a	14.5%	13.5%	n/a	n/a	13.4%	n/a	US Census Bureau, American Community Survey	2010-14	2010-14	2010-14
		Percent Population Age 35-44	n/a	Demographics	Percentage	no data	n/a	13.6%	13.0%	n/a	n/a	13.0%	n/a	US Census Bureau, American Community Survey	2010-14	2010-14	2010-14
		Percent Population Age 45-54	n/a	Demographics	Percentage	no data	n/a	13.8%	14.1%	n/a	n/a	13.1%	n/a	US Census Bureau, American Community Survey	2010-14	2010-14	2010-14
		Percent Population Age 55-64	n/a	Demographics	Percentage	no data	n/a	11.1%	12.3%	n/a	n/a	10.5%	n/a	US Census Bureau, American Community Survey	2010-14	2010-14	2010-14
		Percent Population Age 65+	n/a	Demographics	Percentage	no data	n/a	12.1%	13.8%	n/a	n/a	11.0%	n/a	US Census Bureau, American Community Survey	2010-14	2010-14	2010-14

Health Indicators										Needs Score				Data Details			
Potential Health Needs	Core/ Related	Indicator	Kaiser Indicator name	MATCH Category	Measure Type	Population Denominator	HP 2020 Value	State Benchmark	National Benchmark	Benchmark used in scoring	Desired Direction	Value for San Joaquin County	Difference from the Benchmark Value	Data Source	State Data Year	National Data Year	County Area Year
Demographics	n/a	Percent of Population 75y+	n/a	Demographics	Percentage	no data	n/a	5.4%	6.2%	n/a	n/a	4.8%	n/a	US Census Bureau, American Community Survey	2010-14	2010-14	2010-14
		Median Age in Years	n/a	Demographics	Number	no data	n/a	35.6	37.4	n/a	n/a	33.2	n/a	US Census Bureau, American Community Survey	2010-14	2010-14	2010-14
		Veteran Population (% of total population)	n/a	Demographics	Percentage	no data	n/a	6.7%	9.0%	n/a	n/a	7.2%	n/a	US Census Bureau, American Community Survey	2009-13	2009-13	2009-13
		Percent Population Rural	n/a	Demographics	Percentage	no data	n/a	5.1%	19.1%	n/a	n/a	8.5%	n/a	U.S. Census Bureau	2010	2010	2010
		Percent Population Urban	n/a	Demographics	Percentage	no data	n/a	95.0%	80.9%	n/a	n/a	91.5%	n/a	U.S. Census Bureau	2010	2010	2010
		Percent Population Hispanic	n/a	Demographics	Percentage	no data	n/a	38.2%	16.9%	n/a	n/a	39.7%	n/a	US Census Bureau, American Community Survey	2010-14	2010-14	2010-14
		Percent Population Foreign-Born	n/a	Demographics	Percentage	no data	n/a	27.0%	13.0%	n/a	n/a	23.1%	n/a	US Census Bureau, American Community Survey	2009-13	2009-13	2009-13
		Percent Population not a U.S. Citizen	n/a	Demographics	Percentage	no data	n/a	14.3%	7.1%	n/a	n/a	12.7%	n/a	US Census Bureau, American Community Survey	2009-13	2009-13	2009-13
		Population Geographic Mobility	n/a	Demographics	Percentage	no data	n/a	4.9%	6.0%	n/a	n/a	5.4%	n/a	US Census Bureau, American Community Survey	2009-13	2009-13	2009-13
		Percent of the population that speak English less than "very well"	n/a	Demographics	Percentage	no data	n/a	19.4%	8.6%	n/a	n/a	18.3%	n/a	US Census Bureau, American Community Survey	2009-13	2009-13	2009-13
		Percent of linguistically isolated households	n/a	Demographics	Percentage	no data	n/a	9.6%	4.5%	n/a	n/a	9.2%	n/a	US Census Bureau, American Community Survey	2010-14	2010-14	2010-14
		Percent Population Age 5+ with Limited English Proficiency	n/a	Demographics	Percentage	no data	n/a	19.4%	8.6%	n/a	n/a	18.3%	n/a	US Census Bureau, American Community Survey	2009-13	2009-13	2009-13
		Median household income	n/a	Social and Economic Factors	Number	no data	n/a	\$61,489	\$53,482	n/a	n/a	\$53,253	n/a	US Census Bureau, American Community Survey	2010-14	2010-14	2010-14
		Living Wage - Annual income required to support household with two adults*	n/a	Social and Economic Factors	Number	no data	n/a	\$34,798.40	no data	n/a	n/a	\$30,139.20	n/a	calculated from livingwage.mit.edu	2015		2015
		Living wage - Annual income required to support one adult and one child*	n/a	Social and Economic Factors	Number	no data	n/a	\$47,216.00	no data	n/a	n/a	\$41,724.80	n/a	calculated from livingwage.mit.edu	2015		2015
		Voter turnout rate as a percent of eligible voters	n/a	Social and Economic Factors	Percentage	no data	n/a	30.9%	no data	n/a	n/a	27.8%	n/a	California Secretary of State	2014		2014
		Percent of population living within 1/2 mile of public transit	n/a	Physical Environment	Percentage	no data	n/a	15.5%	8.1%	n/a	n/a	16.8%	n/a	US Census Bureau, American Community Survey	2011	2011	2011
		Median year housing units built	n/a	Physical Environment	Year	no data	n/a	1974	1976	n/a	n/a	1980	n/a	US Census Bureau, American Community Survey	2009-13	2009-13	2009-13
Core	Core	Percent of children under age 18 living below 200% of Federal Poverty Level	n/a	Social and Economic Factors	Percentage	no data	n/a	46.0%	43.8%	State	Below benchmark	52.0%	6.00%	US Census Bureau, American Community Survey	2009-13	2009-13	2009-13
		Percent Population with Income at or Below 200% FPL	Poverty - Population Below 200% FPL	Social & Economic Factors	Percentage	678,214	n/a	35.9%	34.2%	State	Below benchmark	41.3%	5.38%	US Census Bureau, American Community Survey	2009-13	2009-13	2009-13
		Percent Population in Poverty	Poverty - Population Below 100% FPL	Social & Economic Factors	Percentage	686,706	n/a	16.4%	15.6%	State	Below benchmark	19.4%	3.00%	US Census Bureau, American Community Survey	2010-14	2010-14	2010-14
		Percent Population Under Age 18 in Poverty	Poverty - Children Below 100% FPL	Social & Economic Factors	Percentage	678,214	n/a	22.2%	21.6%	State	Below benchmark	24.5%	2.34%	US Census Bureau, American Community Survey	2009-13	2009-13	2009-13
		Percent People 65 years or Older in Poverty	n/a	Social and Economic Factors	Percentage	no data	n/a	9.9%	9.4%	State	Below benchmark	10.0%	0.10%	US Census Bureau, American Community Survey	2009-13	2009-13	2009-13
		Percent Single Female Headed Households in Poverty	n/a	Social and Economic Factors	Percentage	no data	n/a	13.5%	13.0%	State	Below benchmark	15.4%	1.90%	US Census Bureau, American Community Survey	2009-13	2009-13	2009-13
		Percent of people living below 50% of Federal Poverty Line	n/a	Social and Economic Factors	Percentage	no data	n/a	6.9%	6.8%	State	Below benchmark	7.2%	0.30%	US Census Bureau, American Community Survey	2009-13	2009-13	2009-13
		Percent of Families Earning over \$75,000/year	n/a	Social and Economic Factors	Percentage	no data	n/a	46.8%	42.8%	State	Below benchmark	39.8%	-7.00%	US Census Bureau, American Community Survey	2009-13	2009-13	2009-13
		Median household income	n/a	Social and Economic Factors	Number	no data	n/a	\$61,489.00	\$53,482.00	State	Above benchmark	\$53,253.00	-\$8,236.00	US Census Bureau, American Community Survey	2010-14	2010-14	2010-14
		Per capita income	n/a	Social and Economic Factors	Number	n/a	n/a	\$29,527.00	\$28,154.00	State	Above benchmark	\$22,589.00	-\$6,938.00	US Census Bureau, American Community Survey	2009-13	2009-13	2009-13

Health Indicators										Needs Score				Data Details			
Potential Health Needs	Core/ Related	Indicator	Kaiser Indicator name	MATCH Category	Measure Type	Population Denominator	HP 2020 Value	State Benchmark	National Benchmark	Benchmark used in scoring	Desired Direction	Value for San Joaquin County	Difference from the Benchmark Value	Data Source	State Data Year	National Data Year	County Area Year
Economic Security		Living wage - Annual income required to support one adult and one child*	n/a	Social and Economic Factors	Number	n/a	n/a	\$47,216.00	no data	State	n/a	\$41,724.80	-\$5,491.20	calculated from livingwage.mit.edu	2015		2015
		Percent of Insured Population Receiving Medicaid	n/a	Social and Economic Factors	Percentage	no data	n/a	14.0%	no data	State	Below benchmark	13.3%	-0.70%	US Census Bureau, American Community Survey	2014		2014
		Percent of households with public assistance income	n/a	Social and Economic Factors	Percentage	no data	n/a	4.0%	2.8%	State	Below benchmark	6.6%	2.60%	US Census Bureau, American Community Survey	2009-13	2009-13	2009-13
		Unemployment Rate	Economic Security - Unemployment Rate	Social & Economic Factors	Percentage	311,771	n/a	7.9%	6.6%	State	Below benchmark	10.6%	2.70%	US Department of Labor,Bureau of Labor Statistics	2015	2015	2015
		Percentage of civilian non-institutionalized population age 16 or older unemployed	n/a	Social and Economic Factors	Percentage	no data	n/a	7.2%	5.9%	State	Below benchmark	10.7%	3.50%	U.S. Department of Labor, Bureau of Labor Statistics	2015	2015	2015
		Gini Index Value	Income Inequality	Social & Economic Factors	Proportion	215,563	n/a	0.48	0.47	State	Below benchmark	0.44	-0.04	US Census Bureau, American Community Survey	2009-13	2009-13	2009-13
	Related	Cohort Graduation Rate	Education - High School Graduation Rate	Social & Economic Factors	Rate	10,389	>= 82.4	81.0	no data	State	Above benchmark	80.3	-0.7	California Department of Education	2013-14		2013-14
		Percent of children age 3-4 enrolled in school (includes Head Start, licensed child care, nurseries, Pre-K, registered child care, and other)	Education - School Enrollment Age 3-4	Social and Economic Factors	Percentage	no data	n/a	47.8%	47.1%	State	Above benchmark	38.6%	-9.20%	US Census Bureau, American Community Survey	2014	2014	2014
		Percentage of Grade 4 ELA Test Score Not Proficient	Education - Reading Below Proficiency	Social & Economic Factors	Percentage	9,652	<= 36.3%	36.0%	n/a	State	Below benchmark	48.0%	12.00%	California Department of Education			2012-13
		3rd grade reading proficiency (Percentage of all public school students tested in 3rd grade who scored proficient or advanced on the English Language Arts California Standards Test)	n/a	Social and Economic Factors	Percentage	no data	n/a	45.0%	no data	State	Above benchmark	34.0%	-11.00%	California Dept. of Education, Standardized Testing and Reporting (STAR) Results	2013		2013
		Liquor Stores, Rate (Per 100,000 Population)	Liquor Store Access Children Eligible for Free/Reduced Price Lunch	Physical Environment	Rate	685,306	n/a	10.0	10.4	State	Below benchmark	7.4	-2.58	US Census Bureau, County Business Patterns. Additional data analysis by CARES.	2012	2012	2012
		Percent Students Eligible for Free or Reduced Price Lunch	Lunch Children Eligible for Free/Reduced Price Lunch	Social & Economic Factors	Percentage	139,605	n/a	58.1%	52.4%	State	Below benchmark	64.3%	6.15%	National Center for Education Statistics, NCES - Common Core of Data	2013-14	2013-14	2013-14
		Percent Population Receiving SNAP Benefits		Social & Economic Factors	Percentage	682,863	n/a	10.6%	15.2%	State	Below benchmark	15.2%	4.60%	US Census Bureau, Small Area Income & Poverty Estimates	2011	2011	2011
		Dignity Community Need Index	n/a	Social and Economic Factors	Number	n/a	n/a	n/a	n/a	n/a	Below benchmark	4.2		Dignity Health Community Need Index			2015
		Percent Uninsured Population	Insurance - Uninsured Population	Social & Economic Factors	Percentage	692,244	n/a	16.7%	14.2%	State	Below benchmark	16.1%	-0.60%	US Census Bureau, American Community Survey	2014	2014	2014
		Average Daily School Breakfast Program Participation Rate	Food Security - School Breakfast Program	Social & Economic Factors	Percentage	no data	n/a	3.9%	4.2%	State	Below benchmark	no data	n/a	US Department of Agriculture, Food and Nutrition Service,USDA - Child Nutrition Program	2013	2013	
		Percentage of the Population with Food Insecurity	Food Security - Food Insecurity Rate	Social & Economic Factors	Percentage	687,036	n/a	16.2%	15.9%	State	Below benchmark	18.0%	1.71%	Feeding America	2012	2012	2012
		Vacant Housing Units, Percent	Housing - Vacant Housing	Physical Environment	Percentage	234,622	n/a	8.6%	12.5%	State	Below benchmark	8.1%	-0.51%	US Census Bureau, American Community Survey	2009-13	2009-13	2009-13
		Percentage of Households where Housing Costs Exceed 30% of Income	Housing - Cost Burdened Households	Physical Environment	Percentage	215,563	n/a	45.9%	35.5%	State	Below benchmark	44.9%	-0.97%	US Census Bureau, American Community Survey	2009-13	2009-13	2009-13
		Percent Occupied Housing Units with One or More Substandard Conditions	Housing - Substandard Housing	Physical Environment	Percentage	215,563	n/a	48.4%	36.1%	State	Below benchmark	47.5%	-0.88%	US Census Bureau, American Community Survey	2009-13	2009-13	2009-13
		HUD-Assisted Units, Rate per 10,000 Housing Units	Housing - Assisted Housing	Physical Environment	Rate	233,755	n/a	368.3	384.3	State	Below benchmark	335.1	-33.16	US Department of Housing and Urban Development	2013	2013	2013
		Proportion of renter occupied households living in overcrowded environments (>1 persons/room)	n/a	Physical Environment	Percentage	no data	n/a	12.2%	4.2%	State	Below benchmark	11.4%	-0.80%	US Census Bureau, American Community Survey	2008-12	2008-12	2008-12
		Percentage of Workers Commuting More than 60 Minutes	Economic Security - Commute Over 60 Minutes	Social & Economic Factors	Percentage	250,601	n/a	10.1%	8.1%	State	Below benchmark	15.2%	5.06%	US Census Bureau, American Community Survey	2009-13	2009-13	2009-13
		Percent renter occupied households	n/a	Social and Economic Factors	Percentage	no data	n/a	44.7%	35.1%	State	Below benchmark	41.7%	-3.00%	US Census Bureau, American Community Survey	2009-13	2009-13	2009-13
		Road network density (road miles per square mile)	n/a	Physical Environment	Rate	n/a	n/a	0.0	0.0	State	Below benchmark	0.0	-0.016	Environmental Protection Agency	2011	2011	2011
		Percentage of Households with No Motor Vehicle	Economic Security - Households with No Vehicle	Social & Economic Factors	Percentage	215,563	n/a	7.8%	9.1%	State	Below benchmark	6.9%	-0.86%	US Census Bureau, American Community Survey	2009-13	2009-13	2009-13
		Percent Population Age 25+ with High School Diploma	Education - Less than High School Diploma (or Equivalent)	Social & Economic Factors	Percentage	420,689	n/a	81.2%	86.0%	State	Above benchmark	77.3%	-3.90%	US Census Bureau, American Community Survey	2009-13	2009-13	2009-13
		Percent of population age 25+ with Associate's degree or higher	n/a	Social and Economic Factors	Percentage	no data	n/a	38.4%	36.7%	State	Above benchmark	27.0%	-11.40%	US Census Bureau, American Community Survey	2009-13	2009-13	2009-13



Health Indicators										Needs Score				Data Details			
Potential Health Needs	Core/ Related	Indicator	Kaiser Indicator name	MATCH Category	Measure Type	Population Denominator	HP 2020 Value	State Benchmark	National Benchmark	Benchmark used in scoring	Desired Direction	Value for San Joaquin County	Difference from the Benchmark Value	Data Source	State Data Year	National Data Year	County Area Year
Education	Core	Percent of English language learners (grade 10) who passed the California High School Exit Exam in English Language Arts (ELA)	n/a	Social and Economic Factors	Percentage	no data	n/a	38.0%	n/a	State	Above benchmark	33.0%	-5.00%	California Department of Education	2014		2014
		Percent of English language learners (grade 10) who passed the California High School Exit Exam in Math	n/a	Social and Economic Factors	Percentage	no data	n/a	54.0%	n/a	State	Above benchmark	56.0%	2.00%	California Department of Education	2014		2014
		Percentage of Population Age 3-4 Enrolled in School	Education - School Enrollment Age 3-4	Social & Economic Factors	Percentage	22,915	n/a	49.1%	47.7%	State	Above benchmark	40.7%	-8.35%	US Census Bureau, American Community Survey	2009-13	2009-13	2009-13
		Head Start Programs Rate (Per 10,000 Children Under Age 5)	Education - Head Start Program Facilities	Social & Economic Factors	Rate	54,228	n/a	6.3	7.6	State	Above benchmark	10.1	3.8	US Department of Health & Human Services, Administration for Children and Families.	2014	2014	2014
		Percent of fourth grade children reading below the "proficient" level ("basic" or "worse")	ducation - Reading Below Proficiency	Social and Economic Factors	Percentage	no data	<= 36.3%	36.0%	n/a	State	Below benchmark	48.0%	12.00%	California Department of Education	2012-13		2012-13
		Percent of students meeting UC or CSU course requirements	n/a	Social and Economic Factors	Percentage	no data	n/a	41.9%	n/a	State	Above benchmark	27.0%	-14.90%	California Department of Education	2014		2014
		Percent of English language learners (K-12) who met California English Language Development Test (CELDT) criteria for proficiency	n/a	Social and Economic Factors	Percentage	28,282	n/a	39.0%	n/a	State	Above benchmark	38.0%	-1.00%	California Department of Education	2014-15		2014-15
		Expulsion Rate (per 100 enrolled students)	Violence - School Expulsions	Social and Economic Factors	Percentage	152,670	n/a	0.1	n/a	State	Below benchmark	0.2	0.1	California Department of Education	2014-15		2014-15
		Percent of high school graduates enrolled in CA public postsecondary institution within 16 months after graduation	n/a	Social and Economic Factors	Percentage	no data	n/a	51.3%	n/a	State	Above benchmark	53.0%	1.70%	California Department of Education	2006-07		2006-07
		Percent of high school graduates who complete at least 1 year of credits at CA public postsecondary institution within 2 years of postsecondary enrollment	n/a	Social and Economic Factors	Percentage	no data	n/a	28.3%	n/a	State	Above benchmark	26.2%	-2.10%	California Department of Education	2006-07		2006-07
		Percent of high school graduates enrolled in a postsecondary institution in the U.S. within 16 months after graduation	n/a	Social and Economic Factors	Percentage	no data	n/a	74.4%	no data	State	Above benchmark	71.7%	-2.70%	California Department of Education	2008-09		2008-09
HIV/AIDS/STDs	Core	Chlamydia Infection Rate (Per 100,000 population)	STD - Chlamydia	Health Outcomes	Rate	696,214	n/a	444.9	456.7	State	Below benchmark	528.1	83.2	US Department of Health & Human Services,Health Indicators Warehouse. Centers for Disease Control and Prevention,National Center for HIV/AIDS,Viral	2012	2012	2012
		Gonorrhea Incidence (rate of gonorrhea cases per 100,000 population)	n/a	Health Outcomes	Rate	no data	<=251.9	152.8	no data	State	Below benchmark	264.8	112	California Department of Public Health	2011-13		2011-13
		AIDS Incidence (newly diagnosed cases; per 100,000 population)	n/a	Health Outcomes	Rate	no data	<=12.4	8.1	no data	State	Below benchmark	5.1	-3	California Department of Public Health US Department of Health & Human Services,Health Indicators Warehouse. Centers for Disease Control and Prevention,National Center for HIV/AIDS,Viral	2009-11		2011-13
		Population with HIV / AIDS, Rate (Per 100,000 population)	STD - HIV Prevalence	Health Outcomes	Rate	544,951	n/a	363.0	340.4	State	Below benchmark	217.0	-146	California Office of Statewide Health Planning and Development,OSHPD Patient Discharge Data. additional data analysis by CARES. 2011.	2010	2010	2010
		Age-Adjusted Discharge Rate (Per 10,000 population)	STD - HIV Hospitalizations	Health Outcomes	Rate	no data	n/a	2.0	no data	State	Below benchmark	1.7	-0.26	Centers for Disease Control and Prevention ,Behavioral Risk Factor Surveillance System. Additional data analysis by CARES.	2011		2011
	Related	Percent Adults Never Screened for HIV / AIDS	STD - No HIV Screening	Clinical Care	Percentage	403,297	n/a	60.8%	62.8%	State	Below benchmark	66.7%	5.82%	University of Missouri,Center for Applied Research and Environmental Systems. California Department of Public Health,CDPH - Death Public Use Data Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse.	2011-12	2011-12	2011-12
Mental Health		Suicide, Age-Adjusted Mortality Rate (per 100,000 Population)	Mortality - Suicide	Health Outcomes	Rate	685,306	<= 10.2	9.8	no data	State	Below benchmark	10.8	1.03	University of Missouri,Center for Applied Research and Environmental Systems. California Department of Public Health,CDPH - Death Public Use Data Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse.	2010-12		2010-12
		Average Number of Mentally Unhealthy Days per Month	Mental Health - Poor Mental Health Days	Health Outcomes	Rate	479,299	n/a	3.6	3.5	State	Below benchmark	4.0	0.4	California Health Interview Survey	2006-12	2006-12	2006-12
		Percentage likely having had serious psychological distress in past year	n/a	Health Outcomes	Percentage	no data	n/a	8.0%	n/a	State	Below benchmark	9.3%	1.30%	California Health Interview Survey	2012-14		2012-14
		Percentage of Medicare Beneficiaries with Depression	Mental Health - Depression Among Medicare Beneficiaries	Health Outcomes	Percentage	55,640	n/a	13.4%	15.4%	State	Below benchmark	13.0%	-0.40%	Centers for Medicare and Medicaid Services	2012	2012	2012
		Mental Health Care Provider Rate (Per 100,000 Population)	Access to Mental Health Providers	Clinical Care	Rate	716,269	n/a	157.0	134.1	State	Above benchmark	90.1	-66.9	University of Wisconsin Population Health Institute, County Health Rankings	2014	2014	2014
	Core	Percent of adults with a physical, mental or emotional disability	n/a	Health Outcomes	Percentage	no data	n/a	29.9%	n/a	State	Below benchmark	34.2%	4.30%	California Health Interview Survey	2011-12		2011-12
		Percent of adults age 65+ with a physical, mental or emotional disability	n/a	Health Outcomes	Percentage	no data	n/a	51.9%	n/a	State	Below benchmark	54.0%	2.10%	California Health Interview Survey	2011-12		2011-12
		Percent of adults reporting needing treatment for emotional/mental problems or use of alcohol/drug	n/a	Clinical Care	Percentage	496,000	n/a	15.9%	n/a	State	Below benchmark	18.2%	2.30%	California Health Interview Survey	2014		2014
		Percent of 11th grade students who felt sad or hopeless almost everyday for 2 weeks or more so that they stopped doing some usual activities	n/a	Health Outcomes	Percentage	no data	n/a	32.0%	n/a	State	Below benchmark	32.0%	0.00%	California Healthy Kids Survey	2009-11		2009-11
		Suicide attempt rate (emergency room or hospitalization per 100,000 residents ages 12-24)	n/a	Health Outcomes	Rate	no data	n/a	7.7	no data	State	Below benchmark	6.0	-1.7	California Department of Public Health	2013		2013
		Percentage of mothers reporting postpartum depression	n/a	Health Outcomes	Percentage	no data	n/a	16.0%	n/a	State	Below benchmark	17.7%	1.70%	Maternal and Infant Health Assessment	2012		2012



Health Indicators										Needs Score				Data Details			
Potential Health Needs	Core/ Related	Indicator	Kaiser Indicator name	MATCH Category	Measure Type	Population Denominator	HP 2020 Value	State Benchmark	National Benchmark	Benchmark used in scoring	Desired Direction	Value for San Joaquin County	Difference from the Benchmark Value	Data Source	State Data Year	National Data Year	County Area Year
		Drug induced deaths (age-adjusted rate; Per 100,000 population)	n/a	Health Outcomes	Rate	no data	<= 11.3	11.1	n/a	State	Below benchmark	17.3	6.20	California Public Health Department	2011-13		2011-13
		Percentage with Poor Mental Health	Mental Health - Needing Mental Health Care	Health Outcomes	Percentage	496,000	n/a	15.9%	no data	State	Below benchmark	18.2%	2.30%	California Health Interview Survey	2013-14		2013-14
	Related	Total number of homeless individuals	n/a	Social and Economic Factors	Number	no data	n/a	no data	no data	n/a	n/a	2,641	n/a	Head Start Report: Assessing the Needs Of Children & Families In San Joaquin County 2014, San Joaquin County Community Development Department, "San Joaquin County			2011
		Substantiated allegations of child maltreatment per 1,000 children ages 0-17	n/a	Health Outcomes	Rate	no data	<=8.5	8.7	n/a	State	Below benchmark	7.3	-1.4	California Child Welfare Indicators Project (CCWIP)	2014		2014
		Percent of 11th grade students who report they've been victims of cyber bullying in the past 12 months	n/a	Health Outcomes	Percentage	no data	n/a	24.0%	n/a	State	Below benchmark	15.0%	-9.00%	California Healthy Kids Survey	2009-11		2009-11
		Percent of 11th grade students reporting harassment on school property related to their sexual orientation	n/a	Health Outcomes	Percentage	no data	n/a	8.0%	n/a	State	Below benchmark	6.0%	-2.00%	California Healthy Kids Survey	2009-11		2009-11
		Percent of 11th grade students reporting harassment or bullying on school property within the past 12 months for any reason	n/a	Health Outcomes	Percentage	no data	n/a	28.0%	n/a	State	Below benchmark	34.0%	6.00%	California Healthy Kids Survey	2009-11		2009-11
		Percent Adults Without Adequate Social / emotional Support (Age-Adjusted)	Lack of Social or emotional Support	Social & Economic Factors	Percentage	479,299	n/a	24.6%	20.7%	State	Below benchmark	29.1%	4.50%	Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health & Human	2006-12	2006-12	2006-12
	Core	Percent Adults Overweight	Overweight (Adult)	Health Outcomes	Percentage	466,438	n/a	35.8%	35.8%	State	Below benchmark	31.0%	-4.80%	Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion	2011-12	2011-12	2011-12
		Percent Adults with BMI > 30.0 (Obese)	Obesity (Adult)	Health Outcomes	Percentage	480,180	<=30.5%	22.3%	27.1%	State	Below benchmark	29.1%	6.80%	California Department of Education, FITNESSGRAM® Physical Fitness Testing	2012	2012	2012
		Percent Youth Overweight	Overweight (Youth)	Health Outcomes	Percentage	30,139	n/a	19.3%	no data	State	Below benchmark	20.9%	1.62%	California Department of Education, FITNESSGRAM® Physical Fitness Testing	2013-14		2013-14
		Percent Youth Obese	Obesity (Youth)	Health Outcomes	Percentage	30,139	<=16.1%	19.0%	no data	State	Below benchmark	21.0%	1.96%	California Department of Education, FITNESSGRAM® Physical Fitness Testing	2013-14		2013-14
		Percent Adults Overweight or Obese (BMI>25.0)	n/a	Health Outcomes	Percentage	384,000	n/a	62.5%	no data	State	Below benchmark	76.6%	14.10%	California Health Interview Survey	2014		2014
		Percent of low income (<200% FPL) preschool children (age 2-4) who are obese	n/a	Health Outcomes	Percentage	no data	<=9.6	17.2%	no data	State	Below benchmark	16.8%	-0.40%	California Department of Public Health, Pediatric Nutrition Surveillance Survey	2010		2010
		Percent Adults with Diagnosed Diabetes(Age-Adjusted)	Diabetes Prevalence	Health Outcomes	Percentage	478,411	n/a	8.1%	9.1%	State	Below benchmark	10.4%	2.35%	Centers for Disease Control and Prevention,National Center for Chronic Disease Prevention and Health Promotion	2012	2012	2012
		Percent of Medicare fee-for-service population with diabetes	n/a	Health Outcomes	Percentage	no data	n/a	26.6%	27.0%	State	Below benchmark	28.8%	2.20%	Centers for Medicare and Medicaid Services	2012	2012	2012
		Diabetes mortality rate (age-adjusted; Per 100,000 population)	n/a	Health Outcomes	Rate	no data	n/a	20.2	no data	State	Below benchmark	28.9	8.7	California Department of Public Health California Office of Statewide Health Planning and Development, OSHPD Patient Discharge Data. Additional data analysis by CARES.	2009-11		2009-11
		Age-Adjusted Diabetes-related Discharge Rate (Per 10,000 population)	Diabetes Hospitalizations	Health Outcomes	Rate	no data	n/a	10.4	no data	State	Below benchmark	12.0	1.55		2011		2011
		Percent Adults with Inadequate Fruit / Vegetable Consumption	Low Fruit/Vegetable Consumption (Adult)	Health Behaviors	Percentage	462,249	n/a	71.5%	75.7%	State	Below benchmark	65.6%	-5.90%	Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health & Human	2005-09	2005-09	2005-09
		Percent Population Age 2-13 with Inadequate Fruit/Vegetable Consumption	Low Fruit/Vegetable Consumption (Youth)	Health Behaviors	Percentage	110,000	n/a	47.4%	no data	State	Below benchmark	46.4%	-1.00%	California Health Interview Survey	2011-12		2011-12
		Fruit / Vegetable Expenditures, Percentage of Total Food-At-Home Expenditures	Fruit/Vegetable Expenditures	Health Behaviors	Percentage	no data	n/a	14.1%	12.7%	State	Above benchmark	suppressed		Nielsen, Nielsen Site Reports	2014	2014	
		Soda Expenditures, Percentage of Total Food-At-Home Expenditures	Soft Drink Expenditures	Health Behaviors	Percentage	no data	n/a	3.6%	4.0%	State	Below benchmark	suppressed		Nielsen, Nielsen Site Reports	2014	2014	
		Percent of children age 2-11 drinking one or more sugar sweetened beverages on previous day	n/a	Health Behaviors	Percentage	no data	n/a	27.0%	no data	State	Below benchmark	38.3%	11.30%	California Health Interview Survey	2011-12		2011-12
		Percent of low-income population with low food access	n/a	Physical Environment	Percentage	no data	n/a	3.4%	6.3%	State	Below benchmark	4.6%	1.20%	U.S. Department of Agriculture, Economic Research Service	2010	2010	2010
		SNAP-authorized retailers per 100,000 population	n/a	Physical Environment	Rate	no data	n/a	63.9	78.4	State	Above benchmark	69.3	5.35	U.S. Department of Agriculture, Food and Nutrition Service	2014	2014	2012
		Fast Food Restaurants, Rate (Per 100,000 Population)	Food Environment - Fast Food Restaurants	Physical Environment	Rate	685,306	n/a	74.5	72.0	State	Below benchmark	59.1	-15.41	US Census Bureau, County Business Patterns. Additional data analysis by CARES.	2011	2011	2011
		Grocery Stores, Rate (Per 100,000 Population)	Food Environment - Grocery Stores	Physical Environment	Rate	685,306	n/a	21.5	21.1	State	Above benchmark	23.2	1.69	US Census Bureau,County Business Patterns. Additional data analysis by CARES	2011	2011	2011
		WIC-Authorized Food Stores, Rate (Per 100,000 Population)	Food Environment - WIC-Authorized Food Stores	Physical Environment	Rate	696,217	n/a	15.8	15.6	State	Above benchmark	16.4	0.60	US Department of Agriculture, Economic Research Service, USDA - Food Environment Atlas	2011	2011	2011

Health Indicators										Needs Score				Data Details			
Potential Health Needs	Core/ Related	Indicator	Kaiser Indicator name	MATCH Category	Measure Type	Population Denominator	HP 2020 Value	State Benchmark	National Benchmark	Benchmark used in scoring	Desired Direction	Value for San Joaquin County	Difference from the Benchmark Value	Data Source	State Data Year	National Data Year	County Area Year
Obesity/HEAL/ Diabetes	Related	Percent Population with Low Food Access	Food Security - Food Desert Population	Social & Economic Factors	Percentage	685,306	n/a	14.3%	23.6%	State	Below benchmark	15.1%	0.78%	US Department of Agriculture, Economic Research Service, USDA - Food Access Research Atlas	2010	2010	2010
		Percent Population with no Leisure Time Physical Activity	Physical inactivity (Adult)	Health Behaviors	Percentage	480,591	n/a	16.6%	22.6%	State	Below benchmark	18.6%	2.00%	Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion	2012	2012	2012
		Percent youth in grades 5,7,9 with “high risk” or “needs improvement” aerobic capacity	Physical inactivity (Youth)	Health Behaviors	Percentage	30,139	n/a	35.9%	no data	State	Below benchmark	42.5%	6.60%	California Department of Education, FITNESSGRAM® Physical Fitness Testing	2013-14		2013-14
		Percent of children under 18 consuming fast food at least once in past week	n/a	Health Behaviors	Percentage	no data	n/a	70.9%	n/a	State	Below benchmark	79.1%	8.20%	California Health Interview Survey	2011-12		2011-12
		Percent of 11th grade students who report eating breakfast on day of survey	n/a	Health Behaviors	Percentage	no data	n/a	60.0%	n/a	State	Above benchmark	53.0%	-7.00%	California Healthy Kids Survey	2011-13		2013-14
		Percentage of diabetic Medicare patients who have had a hemoglobin A1c (hA1c) test administered by a health care Professional in the past year	n/a	Clinical Care	Percentage	no data	n/a	81.5%	84.6%	State	Above benchmark	83.9%	2.40%	Dartmouth College Institute for Health Policy & Clinical Practice, Dartmouth Atlas of Health Care	2012	2012	2012
		Percent Population Within 1/2 Mile of a Park	Park Access	Physical Environment	Percentage	685,306	n/a	58.6%	no data	State	Above benchmark	45.6%	-13.01%	US Census Bureau, Decennial Census. ESRI Map Gallery	2010		2010
		Percent Population Living in Car Dependent (Almost Exclusively) Cities	Transit - Walkability	Physical Environment	Percentage	no data	n/a	1.7%	2.0%	State	Below benchmark	no data		Walk Score®	2012	2012	
		Recreation and Fitness Facilities, Rate (Per 100,000 Population)	Recreation and Fitness Facility Access	Physical Environment	Rate	685,306	n/a	8.7	9.4	State	Above benchmark	5.0	-3.69	US Census Bureau,County Business Patterns. Additional data analysis by CARES	2012	2012	2012
		Percentage of Mothers Breastfeeding (Any)	Breastfeeding (Any)	Health Behaviors	Percentage	8,392	n/a	93.0%	no data	State	Above benchmark	89.1%	-3.90%	California Department of Public Health,CDPH - Breastfeeding Statistics	2012		2012
		Percentage of Mothers Breastfeeding (Exclusively)	Breastfeeding (Exclusive)	Health Behaviors	Percentage	8,392	n/a	64.8%	no data	State	Above benchmark	60.4%	-4.40%	California Department of Public Health,CDPH - Breastfeeding Statistics	2012		2012
		Average Daily School Breakfast Program Participation Rate	Food Security - School Breakfast Program	Social & Economic Factors	Percentage	no data	n/a	3.9%	4.2%	State	Below benchmark	no data		US Department of Agriculture, Food and Nutrition Service,USDA - Child Nutrition Program	2013	2013	
		Percentage of Workers Commuting More than 60 Minutes	Economic Security - Commute Over 60 Minutes	Social & Economic Factors	Percentage	250,601	n/a	10.1%	8.1%	State	Below benchmark	15.2%	5.06%	US Census Bureau, American Community Survey	2009-13	2009-13	2009-13
		Percentage of the Population with Food Insecurity	Food Security - Food Insecurity Rate	Social & Economic Factors	Percentage	687,036	n/a	16.2%	15.9%	State	Below benchmark	18.0%	1.71%	Feeding America	2012	2012	2012
		Percentage of Population Potentially Exposed to Unsafe Drinking Water	Drinking Water Safety	Physical Environment	Percentage	443,414	n/a	2.7%	10.2%	State	Below benchmark	27.1%	24.40%	University of Wisconsin Population Health Institute, County Health Rankings	2012-13	2012-13	2012-13
		Percentage Walking or Biking to Work	Commute to Work - Walking/Biking	Health Behaviors	Percentage	261,485	n/a	3.8%	3.4%	State	Above benchmark	2.4%	-1.42%	US Census Bureau, American Community Survey	2009-13	2009-13	2009-13
		Percent of 5th graders who meet 6 of 6 fitness standards on physical fitness test	n/a	Health Behaviors	Percentage	no data	n/a	26.6%	n/a	State	Above benchmark	24.8%	-1.80%	California Department of Education	2013-14		2013-14
		Percent of 7th graders who meet 6 of 6 fitness standards on physical fitness test	n/a	Health Behaviors	Percentage	no data	n/a	33.0%	n/a	State	Above benchmark	30.0%	-3.00%	California Department of Education	2013-14		2013-14
		Percent of 9th graders who meet 6 of 6 fitness standards on physical fitness test	n/a	Health Behaviors	Percentage	no data	n/a	38.1%	n/a	State	Above benchmark	32.0%	-6.10%	California Department of Education	2013-14		2013-14
		Percentage of mothers obese at the beginning of pregnancy	n/a	Health Outcomes	Percentage	no data	n/a	no data	n/a	n/a	Below benchmark	44.6%		San Joaquin County Birth Statistical Master File (SJC PHS)			2009
		Percentage Walking/Skating/Biking to School	Walking/Biking/Skating to School	Health Behaviors	Percentage	162,353	n/a	43.0%	no data	State	Above benchmark	42.5%	-0.50%	California Health Interview Survey	2011-12		2011-12
Oral Health	Core	Percent Adults with Poor Dental Health	Poor Dental Health	Health Outcomes	Percentage	472,748	n/a	11.3%	15.7%	State	Below benchmark	12.5%	1.20%	Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Additional data analysis by CARES.	2006-10	2006-10	2006-10
		Percent Adults Without Recent Dental Exam	Dental Care - No Recent Exam (Adult)	Clinical Care	Percentage	472,748	n/a	30.5%	30.2%	State	Below benchmark	31.8%	1.30%	Centers for Disease Control and Prevention,Behavioral Risk Factor Surveillance System. additional data analysis by CARES	2006-10	2006-10	2006-10
		Percent Youth Without Recent Dental Exam	Dental Care - No Recent Exam (Youth)	Clinical Care	Percentage	107,000	n/a	18.5%	no data	State	Below benchmark	44.0%	25.50%	California Health Interview Survey	2013-14		2013-14
		Percent Adults Without Dental Insurance	Absence of Dental Insurance Coverage	Clinical Care	Percentage	443,000	n/a	40.9%	no data	State	Below benchmark	41.7%	0.80%	California Health Interview Survey	2009		2009
		Dentists, Rate per 100,000 population	Access to Dentists	Clinical Care	Rate	704,379	n/a	77.5	63.2	State	Above benchmark	55.4	-22.10	US Department of Health & Human Services, Health Resources and Services Administration, Area Health Resource File	2013	2013	2013
		Percentage of Population Living in a HPSA- Dental	Health Professional Shortage Area - Dental	Clinical Care	Percentage	685,306	n/a	4.9%	32.0%	State	Below benchmark	0.0%	-4.93%	US Department of Health & Human Services,Health Resources and Services Administration,Health Resources and Services Administration	2015	2015	2015
		Soda Expenditures, Percentage of Total Food-At-Home Expenditures	Soft Drink Expenditures	Health Behaviors	Percentage	no data	n/a	3.6%	4.0%	State	Below benchmark	suppressed		Nielsen, Nielsen Site Reports	2014	2014	

Health Indicators										Needs Score				Data Details			
Potential Health Needs	Core/ Related	Indicator	Kaiser Indicator name	MATCH Category	Measure Type	Population Denominator	HP 2020 Value	State Benchmark	National Benchmark	Benchmark used in scoring	Desired Direction	Value for San Joaquin County	Difference from the Benchmark Value	Data Source	State Data Year	National Data Year	County Area Year
	Related	Percent of adults with dental insurance for all or part of past year	n/a	Clinical Care	Percentage	no data	n/a	66.3%	n/a	State	Above benchmark	55.3%	-11.00%	California Health Interview Survey	2007		2007
		Percent of adults age 65+ without dental insurance for all or part of past year	n/a	Clinical Care	Percentage	no data	n/a	47.3%	n/a	State	Below benchmark	58.1%	10.80%	California Health Interview Survey	2007		2007
		Percentage of Population Potentially Exposed to Unsafe Drinking Water	Drinking Water Safety	Physical Environment	Percentage	443,414	n/a	2.7%	10.2%	State	Below benchmark	27.1%	24.40%	University of Wisconsin Population Health Institute, County Health Rankings	2012-13	2012-13	2012-13
		Percentage of children age 2-13 who self-report that they have visited a dentist, dental hygienist or dental clinic within the past year	n/a	Clinical Care	Percentage	no data	n/a	90.1%	n/a	State	Above benchmark	63.0%	-27.10%	California Health Interview Survey	2014		2014
		Percent Population Age 5-17 Unable to Afford Dental Care	Dental Care - Lack of Affordability (Youth)	Clinical Care	Percentage	202,000	n/a	6.3%	no data	State	Below benchmark	4.2%	-2.10%	California Health Interview Survey	2009		2009
Overall Health	Core	Percent Adults with Poor or Fair Health (Age-Adjusted)	Poor General Health	Health Outcomes	Percentage	479,299	n/a	18.4%	15.7%	State	Below benchmark	22.0%	3.60%	Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health & Human Services	2006-12	2006-12	2006-12
		Percent of adults with a physical, mental or emotional disability	n/a	Health Outcomes	Percentage	no data	n/a	29.9%	n/a	State	Below benchmark	34.2%	4.30%	California Health Interview Survey	2011-12		2011-12
		Percent of adults age 65+ with a physical, mental or emotional disability	n/a	Health Outcomes	Percentage	no data	n/a	51.9%	n/a	State	Below benchmark	54.0%	2.10%	California Health Interview Survey	2011-12		2011-12
		Years of Potential Life Lost, Rate per 100,000 Population	Mortality - Premature Death	Health Outcomes	Rate	696,214	n/a	5594.0	6851.0	State	Below benchmark	7087.0	1493.00	University of Wisconsin Population Health Institute, County Health Rankings. Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via	2008-10	2008-10	2008-10
		Percent Population with a Disability	Population with Any Disability	Demographics	Percentage	684,141	n/a	10.1%	12.1%	State	Below benchmark	11.7%	1.58%	US Census Bureau, American Community Survey	2009-13	2009-13	2009-13
		Percent of children age 0-12 considered in excellent or very good health	n/a	Health Outcomes	Percentage	no data	n/a	77.8%	n/a	State	Above benchmark	70.9%	-6.90%	California Health Interview Survey	2013-14		2013-14
		Age adjusted death rate, all causes (Per 100,000 population)	n/a	Health Outcomes	Rate	no data	n/a	654.9	821.5	State	Below benchmark	758.5	103.60	California Department of Public Health / US from CDC Deaths: final data for 2013	2013	2013	2013
		Child mortality, 1-4 years (Per 100,000 population)	n/a	Health Outcomes	Rate	no data	<=25.7	21.4	n/a	State	Below benchmark	24.4	3.00	California Department of Public Health (via Kidsdata.org)	2010-12		2010-12
		Child mortality, 5-14 years (Per 100,000 population)	n/a	Health Outcomes	Rate	no data	n/a	10.3	n/a	State	Below benchmark	9.0	-1.30	California Department of Public Health (via Kidsdata.org)	2010-12		2010-12
		Alzheimer's disease mortality rate (age-adjusted; Per 100,000 population)	n/a	Health Outcomes	Rate	no data	n/a	30.5	n/a	State	Below benchmark	37.5	7.00	California Department of Public Health	2009-11		2009-11
Pregnancy and Birth Outcomes	Core	Percent Low Birth Weight Births	Low Birth Weight	Health Outcomes	Percentage	685,306	n/a	6.8%	no data	State	Below benchmark	7.0%	0.24%	California Department of Public Health, CDPH - Birth Profiles by ZIP Code	2011		2011
		Infant Mortality Rate (Per 1,000 Births)	Infant Mortality	Health Outcomes	Rate	55,530	<= 6.0	5.0	6.5	State	Below benchmark	5.8	0.80	Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. Centers for Disease Control and Prevention, Wide-Ranging Online Data	2006-10	2006-10	2006-10
		Percent Mothers with Late or No Prenatal Care	Lack of Prenatal Care	Clinical Care	Percentage	685,306	n/a	3.1%	no data	State	Below benchmark	no data		California Department of Public Health, CDPH - Birth Profiles by ZIP Code	2011		
		Percent of women late to prenatal care (past first trimester)	n/a	Health Behaviors	Percentage	no data	<=22.1%	16.5%	29.2%	State	Below benchmark	22.5%	6.00%	California Department of Public Health / Centers for Disease Control and Prevention, National Vital Statistics System / HP2020	2011	2007	2011
		Percent of pre-term births (< 37 weeks gestation)	n/a	Health Outcomes	Percentage	no data	<=11.4%	9.8%	12.7%	State	Below benchmark	10.0%	0.20%	California Department of Public Health/ Centers for Disease Control and Prevention, National Vital Statistics System / HP2020	2011	2007	2011
		Percent of newborns with very low birth rates	n/a	Health Outcomes	Percentage	no data	<=1.4%	1.1%	1.5%	State	Below benchmark	1.3%	0.20%	California Department of Public Health/ Centers for Disease Control and Prevention, National Vital Statistics System / HP2020	2011	2007	2011
		Percentage of mothers reporting postpartum depression	n/a	Health Outcomes	Percentage	no data	n/a	16.0%	n/a	State	Below benchmark	17.7%	1.70%	Maternal and Infant Health Assessment	2012		2012
	Related	Pounds of pesticides applied	n/a	Physical Environment	Number	n/a	n/a	193,597,806	no data	n/a	n/a	11,017,592	n/a	California Department of Pesticide Regulation	2013		2013
		Proportion of births by C-section to low risk women giving birth for the first time	n/a	Health Outcomes	Percentage	no data	<=23.9%	26.3%	26.5%	State	Below benchmark	25.2%	-1.10%	California Department of Public Health/ Centers for Disease Control and Prevention, National Vital Statistics System / HP2020	2011	2007	2011
		Percentage of Mothers Breastfeeding (Any)	Breastfeeding (Any)	Health Behaviors	Percentage	8,392	n/a	93.0%	no data	State	Above benchmark	89.1%	-3.90%	California Department of Public Health, CDPH - Breastfeeding Statistics	2012		2012
		Percentage of Mothers Breastfeeding (Exclusively)	Breastfeeding (Exclusive)	Health Behaviors	Percentage	8,392	n/a	64.8%	no data	State	Above benchmark	60.4%	-4.40%	California Department of Public Health, CDPH - Breastfeeding Statistics	2012		2012
		Percentage of mothers obese at the beginning of pregnancy	n/a	Health Outcomes	Percentage	no data	n/a	no data	no data	State	Below benchmark	44.6%		San Joaquin County Birth Statistical Master File (SJC PHS)			2009
		Percentage of the Population with Food Insecurity	Food Security - Food Insecurity Rate	Social & Economic Factors	Percentage	687,036	n/a	16.2%	15.9%	State	Below benchmark	18.0%	1.71%	Feeding America	2012	2012	2012

Health Indicators										Needs Score				Data Details			
Potential Health Needs	Core/ Related	Indicator	Kaiser Indicator name	MATCH Category	Measure Type	Population Denominator	HP 2020 Value	State Benchmark	National Benchmark	Benchmark used in scoring	Desired Direction	Value for San Joaquin County	Difference from the Benchmark Value	Data Source	State Data Year	National Data Year	County Area Year
Substance Abuse/Tobacco	Core	Percent Population Smoking Cigarettes(Age-Adjusted)	Tobacco Usage	Health Behaviors	Percentage	479,299	n/a	12.8%	18.1%	State	Below benchmark	16.2%	3.40%	Centers for Disease Control and Prevention,Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health & Human	2006-12	2006-12	2006-12
		Cigarette Expenditures, Percentage of Total Household Expenditures	Tobacco Expenditures	Health Behaviors	Percentage	no data	n/a	1.0%	1.6%	State	Below benchmark	suppressed		Nielsen, Nielsen Site Reports	2014	2014	
		Percent of adults reporting needing treatment for emotional/mental problems or use of alcohol/drug	n/a	Clinical Care	Percentage	496,000	n/a	15.9%	n/a	State	Below benchmark	18.2%	2.30%	California Health Interview Survey	2014		2014
		Percent of 12-17 year olds binge drinking at least once in month prior	n/a	Health Behaviors	Percentage	no data	<=8.6%	3.6%	9.5%	State	Below benchmark	3.4%	-0.20%	California Health Interview Survey / NSDUH 2008 / HP2020	2011-12	2008	2011-12
		Percent of 11th grade students reporting driving after drinking (respondent or by friend)	n/a	Health Behaviors	Percentage	no data	<=25.5%	25.0%	n/a	State	Below benchmark	18.0%	-7.00%	California Healthy Kids Survey	2011-13		2013-14
		Percent of 11th grade students using cigarettes any time within last 30 days	n/a	Health Behaviors	Percentage	no data	<=21%	12.0%	n/a	State	Below benchmark	5.0%	-7.00%	California Healthy Kids Survey	2011-13		2013-14
		Percent of 11th grade students reporting marijuana use within the last 30 days	n/a	Health Behaviors	Percentage	no data	<=10%	24.0%	n/a	State	Below benchmark	14.0%	-10.00%	California Healthy Kids Survey	2011-13		2013-14
		Percent of 11th grade students who report they've been "high" from using drugs	n/a	Health Behaviors	Percentage	no data	n/a	36.0%	n/a	State	Below benchmark	49.0%	13.00%	California Healthy Kids Survey	2009-11		2009-11
		Drug induced deaths (age-adjusted rate; Per 100,000 population)	n/a	Health Outcomes	Rate	no data	<= 11.3	11.1	n/a	State	Below benchmark	17.3	6.20	California Public Health Department Centers for Disease Control and Prevention,Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health & Human	2011-13		2011-13
		Estimated Adults Drinking Excessively (Age-Adjusted Percentage)	Alcohol - Excessive Consumption	Health Behaviors	Percentage	479,299	n/a	17.2%	16.9%	State	Below benchmark	15.5%	-1.70%		2006-12	2006-12	2006-12
		Alcoholic Beverage Expenditures, Percentage of Total Food-At-Home Expenditures	Alcohol - Expenditures	Health Behaviors	Percentage	no data	n/a	12.9%	14.3%	State	Below benchmark	suppressed		Nielsen, Nielsen Site Reports	2014	2014	
	Related	Rate of arrests for alcohol related offenses among persons age 10 to 69 years (Per 100,000 population)	n/a	Social and Economic Factors	Rate	no data	n/a	1,203	no data	State	Below benchmark	1,569	366.00	CA-Community Prevention Initiative (CPI)	2008		2008
		Percent of adult smokers who attempted to quit for at least one day in the past year	n/a	Health Behaviors	Percentage	no data	n/a	57.7%	60.0%	State	Above benchmark	55.4%	-2.30%	Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System	2011-12	2008	2011-12
		Chronic liver disease and cirrhosis mortality rate (Per 100,000 population)	n/a	Health Outcomes	Rate	no data	<=8.2	11.7	no data	State	Below benchmark	17.1	5.40	California Department of Public Health Head Start Report: ASSESSING THE NEEDS OF CHILDREN & FAMILIES IN SAN JOAQUIN COUNTY 2014. San Joaquin County Community Development Department, "San Joaquin	2011-13		2011-13
		Total number of homeless individuals	n/a	Social and Economic Factors	Number	no data	n/a	no data	no data	n/a	n/a	2,641	n/a	US Census Bureau, County Business Patterns. Additional data analysis by CARES.			2011
		Liquor Stores, Rate (Per 100,000 Population)	Liquor Store Access	Physical Environment	Rate	685,306	n/a	10.0	10.4	State	Below benchmark	7.4	-2.58		2012	2012	2012
Vaccine Preventable Infectious Disease	Core	Percent of kindergarteners with all required immunizations	n/a	Clinical Care	Percentage	no data	n/a	90.4%	n/a	State	Above benchmark	95.6%	5.20%	California Department of Public Health Immunization Branch (data accessed through kidsdata.org)	2014-15		2014-15
		Percentage of adults age 65+ who have ever received a pneumonia vaccination	n/a	Clinical Care	Percentage	no data	n/a	63.4%	67.5%	State	Above benchmark	63.9%	0.50%	Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System	2006-12	2006-12	2006-12
		Influenza and pneumonia incidence (per 100,000 population)	n/a	Health Outcomes	Rate	no data	n/a	17.3	n/a	State	Below benchmark	16.9	-0.40	California Department of Public Health	2009-11		2009-11
		Homicide, Age-Adjusted Mortality Rate (per 100,000 Population)	Mortality - Homicide	Health Outcomes	Rate	685,306	<= 5.5	5.2	no data	State	Below benchmark	12.2	7.01	University of Missouri,Center for Applied Research and Environmental Systems. California Department of Public Health,CDPH - Death Public Use Data	2010-12		2010-12
		Suicide, Age-Adjusted Mortality Rate (per 100,000 Population)	Mortality - Suicide	Health Outcomes	Rate	685,306	<= 10.2	9.8	no data	State	Below benchmark	10.8	1.03	University of Missouri,Center for Applied Research and Environmental Systems. California Department of Public Health,CDPH - Death Public Use Data	2010-12		2010-12
		Motor Vehicle Accident, Age-Adjusted Mortality Rate (per 100,000 Population)	Mortality - Motor Vehicle Accident	Health Outcomes	Rate	685,306	<= 12.4	5.2	no data	State	Below benchmark	4.6	-0.57	University of Missouri,Center for Applied Research and Environmental Systems. California Department of Public Health,CDPH - Death Public Use Data	2010-12		2010-12
		Motor vehicle crash death rate (age-adjusted; per 100,000 Population)	n/a	Health Outcomes	Rate	no data	n/a	7.5	no data	State	Below benchmark	11.4	3.90	2013 County Health Status Profiles, California Department of Public Health	2009-11		2009-11
		Pedestrian motor vehicle death rate (per 100,000 Population)	n/a	Health Outcomes	Rate	no data	<=1.3	2.0	no data	State	Below benchmark	1.7	-0.30	University of Missouri,Center for Applied Research and Environmental Systems. California Department of Public Health,CDPH - Death Public Use Data	2010-12		2010-12
		Pedestrian Accident, Age-Adjusted Mortality Rate (per 100,000 Population)	Mortality - Pedestrian Accident	Health Outcomes	Rate	685,306	<= 1.3	2.0	no data	State	Below benchmark	2.3	0.34	University of Missouri,Center for Applied Research and Environmental Systems. California Department of Public Health,CDPH - Death Public Use Data	2010-12		2010-12
		Intentional Injuries, Rate per 100,000 Population (Youth Age 13 - 20)	Violence - Youth Intentional Injury	Social & Economic Factors	Rate	92,936	n/a	738.7	no data	State	Below benchmark	891.7	153.00	California Department of Public Health, California EpiCenter for Overall Injury Surveillance	2011-13		2011-13
		Unintentional injuries (accidents; per 100,000 Population)	n/a	Health Outcomes	Rate	no data	<=36	no data	50.8	State	Below benchmark	46.3		California Department of Public Health / Centers for Disease Control and Prevention, National Vital Statistics System / HP2020		2005-11	2005-11
		Unintentional injury mortality rate (age-adjusted; per 100,000 Population)	n/a	Health Outcomes	Rate	no data	<=36.0	27.6	no data	State	Below benchmark	43.1	15.50	2013 County Health Status Profiles, California Department of Public Health	2009-11		2009-11

Health Indicators										Needs Score				Data Details			
Potential Health Needs	Core/ Related	Indicator	Kaiser Indicator name	MATCH Category	Measure Type	Population Denominator	HP 2020 Value	State Benchmark	National Benchmark	Benchmark used in scoring	Desired Direction	Value for San Joaquin County	Difference from the Benchmark Value	Data Source	State Data Year	National Data Year	County Area Year
Violence and Injury	Core	Assault Injuries (Rate per 100,000 Population)	Violence - Assault (Injury)	Social & Economic Factors	Rate	699,392	n/a	290.3	no data	State	Below benchmark	413.5	123.20	California Department of Public Health, California EpiCenter for Overall Injury Surveillance	2011-13		2011-13
		Domestic Violence Injuries, Rate per 100,000 Population (Females Age 10+)	Violence - Domestic Violence	Social & Economic Factors	Rate	298,247	n/a	9.5	no data	State	Below benchmark	7.6	-1.90	California Department of Public Health, California EpiCenter for Overall Injury Surveillance	2011-13		2011-13
		Assault Rate (Per 100,000 population)	Violence - Assault (Crime)	Social & Economic Factors	Rate	693,779	n/a	249.4	246.9	State	Below benchmark	538.5	289.10	Federal Bureau of Investigation,FBI Uniform Crime Reports. Additional analysis by the National Archive of Criminal Justice Data. Accessed via the Inter-university Consortium	2010-12	2010-12	2010-12
		Substantiated allegations of child maltreatment per 1,000 children ages 0-17	n/a	Health Outcomes	Rate	no data	<=8.5	8.7	n/a	State	Below benchmark	7.3	-1.40	California Child Welfare Indicators Project (CCWIP)	2014		2014
		Drowning/Submersion mortality rate (age-adjusted; per 100,000 Population)	n/a	Health Outcomes	Rate	no data	n/a	1.0		State	Below benchmark	1.8	0.80	California Department of Public Health, EpiCenter Overall Injury Surveillance	2011-13		2011-13
		Fall mortality rate (age-adjusted; per 100,000 Population)	n/a	Health Outcomes	Rate	no data	n/a	5.7		State	Below benchmark	4.6	-1.10	California Department of Public Health, EpiCenter Overall Injury Surveillance	2011-13		2011-13
		Poisoning mortality rate (age-adjusted; per 100,000 Population)	n/a	Health Outcomes	Rate	no data	n/a	10.1		State	Below benchmark	15.9	5.80	California Department of Public Health, EpiCenter Overall Injury Surveillance	2011-13		2011-13
		Non-fatal emergency department visits for intentional injuries among youth age 13-20 (Per 100,000)	n/a	Health Outcomes	Rate	no data	n/a	738.7	n/a	State	Below benchmark	891.7	153.00	California Office of Statewide Health Planning and Development, OSHPD Patient Discharge Data	2011-13		2011-13
		Percent of adults reporting experiencing physical or sexual violence by an intimate partner in past year	n/a	Social and Economic Factors	Percentage	no data	n/a	3.8%	n/a	State	Below benchmark	2.0%	-1.80%	California Health Interview Survey	2007, 2009		2007, 2009
		Percent of adults reporting ever experiencing physical or sexual violence by an intimate partner since age 18	n/a	Social and Economic Factors	Percentage	no data	n/a	14.8%	n/a	State	Below benchmark	13.1%	-1.70%	California Health Interview Survey	2009		2009
		Robbery Rate (Per 100,000 population)	Violence - Robbery (Crime)	Social & Economic Factors	Rate	693,779	n/a	149.5	116.4	State	Below benchmark	267.3	117.80	Federal Bureau of Investigation,FBI Uniform Crime Reports. Additional analysis by the National Archive of Criminal Justice Data. Accessed via the Inter-university Consortium	2010-12	2010-12	2010-12
	Related	Number of domestic violence calls for assistance and rate per 1,000 population	n/a	Social and Economic Factors	Rate	no data	n/a	6.0	n/a	State	Below benchmark	8.2	2.20	California Department of Justice, Criminal Justice Statistics Center (via Kidsdata.org)	2014		2014
		Violent Crime Rate (Per 100,000 population)	Violence - All Violent Crimes	Social & Economic Factors	Rate	693,779	n/a	425.0	395.5	State	Below benchmark	839.2	414.20	Federal Bureau of Investigation,FBI Uniform Crime Reports. Additional analysis by the National Archive of Criminal Justice Data. Accessed via the Inter-university Consortium	2010-12	2010-12	2010-12
		Percentage of 11th grade students reporting current gang involvement	n/a	Social and Economic Factors	Percentage	no data	n/a	8.0%	n/a	State	Below benchmark	15.0%	7.00%	California Healthy Kids Survey	2009-11		2009-11
		Estimated Adults Drinking Excessively(Age-Adjusted Percentage)	Alcohol - Excessive Consumption	Health Behaviors	Percentage	479,299	n/a	17.2%	16.9%	State	Below benchmark	15.5%	-1.70%	Centers for Disease Control and Prevention,Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health & Human	2006-12	2006-12	2006-12
		Alcoholic Beverage Expenditures, Percentage of Total Food-At-Home Expenditures	Alcohol - Expenditures	Health Behaviors	Percentage	no data	n/a	12.9%	14.3%	State	Below benchmark	suppressed		Nielsen, Nielsen Site Reports	2014	2014	
		Percent of 11th grade students reporting driving after drinking (respondent or by friend)	n/a	Health Behaviors	Percentage	no data	<=25.5%	25.0%	n/a	State	Below benchmark	18.0%	-7.00%	California Healthy Kids Survey	2011-13		2013-14
		Liquor Stores, Rate (Per 100,000 Population)	Liquor Store Access	Physical Environment	Rate	685,306	n/a	10.0	10.4	State	Below benchmark	7.4	-2.58	US Census Bureau, County Business Patterns. Additional data analysis by CARES.	2012	2012	2012
		Percent Population Living in Car Dependent (Almost Exclusively) Cities	Transit - Walkability	Physical Environment	Percentage	no data	n/a	1.7%	2.0%	State	Below benchmark	no data		Walk Score®	2012	2012	
		Rape Rate (Per 100,000 population)	Violence - Rape (Crime)	Social & Economic Factors	Rate	693,779	n/a	21.0	27.3	State	Below benchmark	21.9	0.90	Federal Bureau of Investigation,FBI Uniform Crime Reports. Additional analysis by the National Archive of Criminal Justice Data. Accessed via the Inter-university Consortium	2010-12	2010-12	2010-12
		Suspension Rate (per 100 enrolled students)	Violence - School Suspensions	Social & Economic Factors	Rate	152,670	n/a	3.8	no data	State	Below benchmark	7.9	4.10	California Department of Education	2014-15		2014-15
		Juvenile felony arrest rate per 100,000 youth ages 10-17	n/a	Social and Economic Factors	Rate	no data	n/a	878.0	n/a	State	Below benchmark	1140.0	262.00	Center on Juvenile and Criminal Justice	2012		2012
		Robbery rate (per 100,000 population)	n/a	Social and Economic Factors	Rate	no data	n/a	149.5	116.4	State	Below benchmark	267.3	117.83	Federal Bureau of Investigation, FBI Uniform Crime Reports	2010-12	2010-12	2010-12
		Expulsion Rate (per 100 enrolled students)	Violence - School Expulsions	Social & Economic Factors	Rate	152,670	n/a	0.1	no data	State	Below benchmark	0.2	0.10	California Department of Education	2014-15		2014-15
	Core	Cohort Graduation Rate	Education - High School Graduation Rate	Social & Economic Factors	Percentage	10,389	>= 82.4	81.0%	no data	State	Above benchmark	80.3%	-0.70%	California Department of Education	2013-14		2013-14
		Percent of English language learners (grade 10) who passed the California High School Exit Exam in English Language Arts (ELA)	n/a	Social and Economic Factors	Percentage	no data	n/a	38.0%	n/a	State	Above benchmark	33.0%	-5.00%	California Department of Education	2014		2014
		Percent of English language learners (grade 10) who passed the California High School Exit Exam in Math	n/a	Social and Economic Factors	Percentage	no data	n/a	54.0%	n/a	State	Above benchmark	56.0%	2.00%	California Department of Education	2014		2014
		Suspension Rate (per 100 enrolled students)	Violence - School Suspensions	Social & Economic Factors	Rate	152,670	n/a	3.8	no data	State	Below benchmark	7.9	4.10	California Department of Education	2014-15		2014-15

Health Indicators										Needs Score				Data Details			
Potential Health Needs	Core/ Related	Indicator	Kaiser Indicator name	MATCH Category	Measure Type	Population Denominator	HP 2020 Value	State Benchmark	National Benchmark	Benchmark used in scoring	Desired Direction	Value for San Joaquin County	Difference from the Benchmark Value	Data Source	State Data Year	National Data Year	County Area Year
Youth Growth and Development	Related	Expulsion Rate (per 100 enrolled students)	Violence - School Expulsions	Social & Economic Factors	Rate	152,670	n/a	0.1	no data	State	Below benchmark	0.2	0.10	California Department of Education	2014-15		2014-15
		Teen Birth Rate (Per 1,000 Female population Under Age 20)	Teen Births (Under Age 20)	Social & Economic Factors	Rate	108,619	n/a	8.5	no data	State	Below benchmark	9.9	1.40	California Department of Public Health, CDPH - Birth Profiles by ZIP Code	2011		2011
		Percentage of 11th grade students reporting current gang involvement	n/a	Social and Economic Factors	Percentage	no data	n/a	8.0%	n/a	State	Below benchmark	15.0%	7.00%	California Healthy Kids Survey	2009-11		2009-11
		Percent of children in foster care system for more than 8 days but less than 12 months with 2 or less placements (placement stability)	n/a	Social and Economic Factors	Percentage	no data	n/a	86.6%	n/a	State	Above benchmark	84.7%	-1.90%	California Child Welfare Indicators Project (CCWIP)	2014		2014
		Juvenile felony arrest rate (per 100,000 youth ages 10-17)	n/a	Social and Economic Factors	Rate	no data	n/a	878.0	n/a	State	Below benchmark	1140.0	262.00	Center on Juvenile and Criminal Justice	2012		2012

# San Joaquin County

## Community Health Needs Assessment

### Appendix B. Health Data by Race/Ethnicity, Age, Income, and Gender

**KEY**  
N/A: Data not available  
DS: Data suppressed

Indicator		Age		Gender		Race								Income (as % of Federal Poverty Level)			Data Source
	0-17	18-64	65+	Male	Female	Latino	White	African American	American Indian/ Alaska Native	Asian	Native Hawaiian / Pacific Islander	Two or More Races	Other race	0-99%	100-299%	300%	
Access to Medical Care																	
Percent of population with medical home (usual place to go when sick or need health advice)	99.4%*	88.8%	85.4%*	87.3*	95.7*	92.4%*	91.7%*	71.4%*	100%*	99.2%*	NA	100%*	N/A	96.9%*	90.4%*	89.4%*	California Health Interview Survey, 2014.
Percent of Youth Uninsured (0-18)	See below			N/A	N/A	5.5%	1.9%	4.4%	DS	3.5%	DS	4.1%	N/A	N/A	N/A	N/A	US Census Bureau, American Community Survey, 2014.
Percent of population uninsured	6.4%	23.3%	1.8%	18.1%	14.2%	22.8%	15.0%	12.3%	19.8%	15.7%	12.6%	14.2%	25.7%	N/A	N/A	N/A	US Census Bureau, American Community Survey, 2010-14.
Asthma/Air Quality																	
Percent of population ever diagnosed with asthma	34.3%	20.1%	24.2%*	23.5%	24.9%	15.0*	32.6	44.7*	DS	0.9*	DS	83.4*	NA	0.0%*	30.1%	26.7%*	California Health Interview Survey, 2014.



Indicator	Age			Gender		Race								Income (as % of Federal Poverty Level)			Data Source
	0-17	18-64	65+	Male	Female	Latino	White	African American	American Indian/ Alaska Native	Asian	Native Hawaiian / Pacific Islander	Two or More Races	Other race	0-99%	100-299%	300%	
<b>Asthma/Air Quality (continued)</b>																	
Chronic lower respiratory disease mortality rate (Age-adjusted, per 100,000 population)	N/A	N/A	N/A	46.8	39.9	16.5	60.0	28.8	44.9	17.7	90.7	20.7	N/A	N/A	N/A	N/A	California Department of Public Health, 2013 Death Records.†
<b>Economic Security</b>																	
Percent of Population with Income at or Below 100% of the Federal Poverty Level	24.5%	16.6%	10.0%	16.6%	19.7%	24.1%	15.3%	27.9%	28.0%	17.8%	17.5%	19.3%	25.8%	N/A	N/A	N/A	US Census Bureau, American Community Survey, 2009-13.
Percent of Population Unemployed	N/A	34.5%	89.3%*	28.6%	60.3%	38.8%*	47.8%	28.7%*	100.0%*	43.6%*	DS	100.0%*	NA	40.7%*	49.9%	36.0%	California Health Interview Survey, 2014.
Median Income (In 2014 inflation-adjusted dollars)	25,397 (age 15-24)	56,464 (age 25-64)	38,148	39,651	23,049	42,584	57,016	25,697	46,981	61,734	79,971	41,559	39,963	N/A	N/A	N/A	US Census Bureau, American Community Survey, 2014.
<b>Education</b>																	
Percent of Population Age 25+ with High School Diploma	N/A	N/A	N/A	26.4%	25.1%	26.2%	27.2%	24.1%	26.8%	20.0%	23.1%	28.9%	24.8%	15.6%	N/A	N/A	US Census Bureau, American Community Survey, 2009-13.

Indicator	Age			Gender		Race								Income (as % of Federal Poverty Level)			Data Source
	0-17	18-64	65+	Male	Female	Latino	White	African American	American Indian/ Alaska Native	Asian	Native Hawaiian / Pacific Islander	Two or More Races	Other race	0-99%	100-299%	300%	
<b>Education (continued)</b>																	
Percent of Population 25+ with Some College or Higher	N/A	N/A	N/A	25.6%	28.1%	32.9%	53.2%	62.1%	45.8%	55.1%	59.9%	51.1%	29.3%	15.6%	N/A	N/A	US Census Bureau, American Community Survey, 2009-13.
Percent of High School Students Graduating in 4 Years	N/A	N/A	N/A	77.1	83.4	M: 80.7 F: 73.7	M: 89.3 F: 83.2	M: 74.7 F: 64.7	M: 70.6 F: 64.0	M: 87.4 F: 82.1	M: 80.0 F: 80.6	M: 91.6 F: 67.5	N/A	N/A	N/A	N/A	California Department of Education, 2013-14.
<b>Injury and Violence</b>																	
All-Cause Unintentional Injury Mortality Rate (Per 100,000 Population)	8.4 (age 0-19)	46.7 (age 20-64)	75.6	51.4	24.1	25.0	58.0	57.8	DS	20.0		N/A	N/A	N/A	N/A	N/A	California Department of Public Health, Vital Statistics Death Statistical Master Files, 2011-13.
Unintentional Poisoning Mortality Rate (Per 100,000 Population)	0.8 (age 0-19)	24.8 (age 20-64)	13.1	20.3	11.5	7.6	28.1	31.6	DS	DS	DS	N/A	N/A	N/A	N/A	N/A	California Department of Public Health, Vital Statistics Death Statistical Master Files, 2011-13.
Homicide Mortality Rate (Age-adjusted, per 100,000 Population)	N/A	N/A	N/A	15.3	2.4	13.6	5.8	35.8	7.2	9.5	DS	4.7	N/A	N/A	N/A	N/A	California, Department of Public Health, 2013 Death Records. †

Indicator	Age			Gender		Race								Income (as % of Federal Poverty Level)			Data Source
	0-17	18-64	65+	Male	Female	Latino	White	African American	American Indian/ Alaska Native	Asian	Native Hawaiian / Pacific Islander	Two or More Races	Other race	0-99%	100-299%	300%	
<b>Injury and Violence (continued)</b>																	
Suicide Rate (Age-adjusted, per 100,000 population)	N/A	N/A	N/A	17.7	5.4	6.4	16.5	2.2	0	6.3	0	15.6	N/A	N/A	N/A	N/A	California Department of Public Health, 2013 Death Records. †
Motor Vehicle Crash Mortality Rate (Age-adjusted, per 100,000 population)	N/A	N/A	N/A	19.6	5.2	12.7	11.7	11.2	22.1	9.5	24.4	10.5	N/A	N/A	N/A	N/A	California Department of Public Health, 2013 Death Records. †
<b>Mental Health</b>																	
Suicide Rate (Age-adjusted, per 100,000 population)	N/A	N/A	N/A	17.7	5.4	6.4	16.5	2.2	0	6.3	0	15.6	N/A	N/A	N/A	N/A	California Department of Public Health, 2013 Death Records. †
Percent of adults who report needing treatment for mental health, or use of alcohol/drugs	N/A	16.3%	9.8%*	13.0%	17.8%	10.0%*	19.1%	21.2%*	DS	DS	DS	77.0%*	N/A	12.8%*	17.5%	13.7%	California Health Interview Survey, 2013-14.
<b>Obesity</b>																	
Percent of adults obese	N/A	42.8%	51.6%	51.9%	35.5%	57.1%	43.1%	12.0%*	DS	38.8%*	N/A	DS	N/A	30.0%*	50.4%	42.9%	California Health Interview Survey, 2014.

Indicator	Age			Gender		Race								Income (as % of Federal Poverty Level)			Data Source
	0-17	18-64	65+	Male	Female	Latino	White	African American	American Indian/ Alaska Native	Asian	Native Hawaiian / Pacific Islander	Two or More Races	Other race	0-99%	100-299%	300%	
<b>Obesity (continued)</b>																	
Percent of overweight or obese youth in grades 5, 7, and 9	N/A	N/A	N/A	41.9%	39.7%	44.2%	35.0%	40.6%	46.3%	26.8%	51.3%	36.0%	N/A	N/A	N/A	N/A	California Department of Education, Physical Fitness Testing Research Files (Dec. 2015).
Diabetes Mortality (Age-adjusted, per 100,000 population)	N/A	N/A	N/A	37.2	27.3	41.8	25.8	65.1	0	32.3	23.0	34.1	N/A	N/A	N/A	N/A	California Department of Public Health, 2013 Death Records. †
Percent of population experiencing food insecurity	DS	49.3%	40.5%	41.5%	56.6%	49.3%	50.3%	25.9%*	DS	DS	DS	DS	N/A	57.5%	41.6%	DS	California Health Interview Survey, 2012-14.
Percent of adults ever diagnosed with Diabetes	N/A	9.2%	21.9%	12.8%	10.1%	15.5%	7.6%	4.5%*	23.8%*	15.1%*	0%*	0%*	N/A	9.1%*	11.9%	11.3%	California Health Interview Survey, 2012-14.
<b>Oral Health</b>																	
Percent of adults without dental exam in past year	N/A	31.0%	32.5%	28.2%	34.6%	24.7%*	28.5%	85.5%*	87.3%*	10.5%*	DS	100%*	N/A	15.1%*	33.5%	36.4%	California Health Interview Survey, 2014.

Indicator	Age			Gender		Race								Income (as % of Federal Poverty Level)			Data Source
	0-17	18-64	65+	Male	Female	Latino	White	African American	American Indian/ Alaska Native	Asian	Native Hawaiian / Pacific Islander	Two or More Races	Other race	0-99%	100-299%	300%	
<b>Oral Health (continued)</b>																	
Percent of children that visited dentist in past year	N/A	N/A	N/A	57.2%*	63.6%*	59.1%	54.3%*	DS	DS	46.8%*	DS	76.9%*	N/A	81.1%*	63.4%*	42.1%*	California Health Interview Survey, 2013-14.
<b>Substance Abuse</b>																	
Percent of population smoking cigarettes	DS	22.2%	3.3%*	12.8%	21.2%	11.2%*	20.1%	11.9%*	DS	27.2%*	DS	44.2%*	N/A	27.8%*	13.1%*	16.8%	California Health Interview Survey, 2013-14.
Percent of adults drinking excessively	N/A	37%	8.7%	39.8%	25.8%	35.4%	35.7%	20.7%	37.1%	20.3%	DS	DS	N/A	27.8%	32.0%	34.9%	Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System, via US Dept. of Health & Human Services, Health Indicators Warehouse, 2006-12.
Drug-induced deaths	N/A	N/A	N/A	0.5	2.6	0.3	3.0	0	0	1.0	0	0	N/A	N/A	N/A	N/A	California Department of Public Health, 2013 Death Records. †

†Population denominator State of California, Department of Finance, Race/Ethnic Population with Age and Sex Detail, 2010-2060. Sacramento, CA, December 2014.

# San Joaquin County Community Health Needs Assessment

## Appendix C. Health Data in Zip Codes of Concern

	Manteca: 95336	Manteca: 95337	Tracy: 95304	Tracy: 95376	Tracy: 95377	Lathrop: 95330	Tracy- Mountain- house: 95391	Year & Data Source
DIABETES: mortality (n/percent)	11/3.3%	3/1.9%	0	8/2.7%	5/5.7%	7/7.0%	1/3.6%	2012, California Department of Public Health
DIABETES: mortality rate per 10,000	2.54	0.92	0	1.59	1.63	3.75	0.97	2012, California Department of Public Health
DIABETES: hospitalization rate per 100,000	193.8	107.0	58.6	174.4	65.0	150.1	9.7	2012, Office of Statewide Health Planning and Development
HEART DISEASE: mortality (n/percent)	89/26.5%	44/28.4%	15/25.0%	68/22.8%	12/13.8%	13/13.0%	6/21.4%	2012, California Department of Public Health
HEART DISEASE: mortality rate per 10,000	20.53	13.45	9.77	13.48	3.90	6.97	5.79	2012, California Department of Public Health
HEART DISEASE: hospitalization rate per 100,000	479.8	385.0	201.9	309.2	185.4	369.8	115.8	2012, Office of Statewide Health Planning and Development
STROKE: mortality (n/percent)	15/4.5%	9/5.8%	1/1.7%	11/3.7%	8/9.2%	10/10.0%	0	2012, California Department of Public Health
STROKE: mortality rate per 10,000	3.46	2.75	0.65	2.18	2.60	5.36	0.00	2012, California Department of Public Health
CEREBROVASCULAR (including stroke): hospitalization rate per 100,000	240.5	138.5	NA	137.8	139.9	130.6	119.6	2009, Office of Statewide Health Planning and Development

	Manteca: 95336	Manteca: 95337	Tracy: 95304	Tracy: 95376	Tracy: 95377	Lathrop: 95330	Tracy- Mountain- house: 95391	Year & Data Source
MENTAL HEALTH (OVERALL): hospitalization rate per 100,000	297.6	195.6	169.4	269.6	162.6	294.7	347.5	2012, Office of Statewide Health Planning and Development
ASTHMA ALONE: hospitalization rate per 100,000	120.0	82.5	32.6	115.0	71.5	42.9	48.3	2012, Office of Statewide Health Planning and Development
UNINTENTIONAL INJURY: mortality rate per 10,000	3.00	2.44	0.65	2.38	2.60	5.89	0.97	2012, California Department of Public Health
TEEN BIRTH RATE: births per 1,000 females age 15-19	17	21	21	23	10	17	13	2012, California Department of Public Health  2008-12, US Census Bureau, American Community Survey.
OVERALL DEATH RATE: mortality rate per 1,000	7.75	4.74	3.91	5.91	2.83	5.36	2.70	2012, California Department of Public Health
LIFE EXPECTANCY (years)	80	80	80	80	80	80	80	2014, Measure of America
INFANT MORTALITY (n/rate per 1,000 births)	3/5.6	3/6.8	0/0.0	2/3.0	0/0.0	1/3.3	0/0.0	2012, California Department of Public Health



<b>Biggest health problems</b>	<b>Valid percent</b>
<b>Youth violence (like gang fights, murders)</b>	<b>30.3</b>
<b>Diabetes</b>	<b>30.0</b>
<b>Breathing problems/asthma</b>	<b>27.7</b>
<b>Mental health issues (e.g., depression)</b>	<b>26.7</b>
<b>Obesity</b>	<b>26.6</b>
Tooth problems	20.3
Age-related health problems (like arthritis)	19.6
Alcoholism	19.3
Cancer	17.7
Heart disease	13.3
Domestic violence	13.2
Teens getting pregnant	11.2
Motor vehicle injuries (including pedestrian and bicycle accidents)	9.1
Other (please specify)	7.3
Child abuse or neglect	6.7
Sexually transmitted disease	4.5
Poor birth outcomes (e.g., baby underweight)	4.4
Stroke	3.7
Infectious diseases (e.g., hepatitis or TB)	3.6
Suicide	2.4

<b>Biggest behaviors affecting health</b>	<b>Valid percent</b>
<b>Drug abuse</b>	<b>41.4</b>
<b>Alcohol abuse (drinking too much)</b>	<b>38.0</b>
<b>Poor eating habits</b>	<b>35.2</b>
<b>Lack of exercise</b>	<b>34.6</b>
<b>Life stress/not able to deal with life stresses</b>	<b>27.5</b>
Smoking/tobacco use	24.8
Not getting regular check-ups by the doctor	21.7
Driving while drunk/on drugs	21.3
Using weapons/guns	19.2
Talking/texting and driving	16.4
Not getting "shots" (vaccines) to prevent disease	8.0
Unsafe sex (e.g., not using condom or birth control)	6.7
Teenage sex	6.5
Other	3.5

<b>Participant opinion of store window advertising (tobacco, alcohol)</b>	<b>Valid percent</b>
A big problem	42.5
I don't know	15.7
Not a problem	14.9
A medium problem	14.8
A small problem	10.7
Other	1.4

Participant health insurance status	Valid percent
Yes	79.7
No	17.9
Don't know	2.4

Biggest obstacles to health care	Valid percent
<b>Waiting time to see the doctor is too long</b>	<b>34.2</b>
<b>High co-pays and deductibles</b>	<b>28.8</b>
<b>Can't afford medicine</b>	<b>28.2</b>
<b>It is not hard to get health care</b>	<b>20.8</b>
<b>No health insurance</b>	<b>20.1</b>
ER only option	16.8
Medi-Cal is too hard to get	16.1
Can't get off work to see a doctor	15.7
No night/weekend health care	15.5
Not enough doctors here	13.7
No transportation	12.7
Other (please specify)	12.3
Covered California/Obama Care is too hard to get	9.3
Doctors and staff don't speak my language	7.7
Medi-Cal is too hard to use	7.2
Covered California/Obama Care is too hard to use	6.3

<b>Biggest social and economic problems</b>	<b>Valid percent</b>
<b>Not enough local jobs</b>	<b>61.3</b>
<b>Homelessness</b>	<b>39.5</b>
<b>Poverty</b>	<b>34.6</b>
<b>Not enough interesting activities for youth</b>	<b>31.7</b>
<b>Fear of crime</b>	<b>28.8</b>
Not enough education/high school drop-outs	20.1
No health insurance	19.4
Racism and discrimination	15.2
Not enough healthy food	12.9
Overcrowded housing	10.8
Schools	6.7
No police and firefighters	6.6
Can't pay for transportation	6.4
Other	4.6

<b>Biggest environmental problems</b>	<b>Valid percent</b>
<b>Air pollution (dirty air)</b>	<b>39.0</b>
<b>Not enough safe places to be physically active</b>	<b>34.3</b>
<b>Poor housing conditions</b>	<b>29.3</b>
<b>Cigarette smoke</b>	<b>28.6</b>
<b>Trash on streets and sidewalks</b>	<b>27.3</b>
Not enough places nearby to buy healthy and affordable foods	22.9
Speeding/traffic	18.2
Pesticide use	18.0
Not enough public transportation	14.7
Home is too far from shops, work, school	14.5
Not enough sidewalks and bike paths	12.6
Too many hot days	11.3
Unsafe drinking water	10.2
Other	4.9
Flooding problems	2.7

<b>Most important parts of a thriving community</b>	<b>Valid percent</b>
<b>Safe place to raise kids</b>	<b>51.3</b>
<b>Jobs</b>	<b>49.8</b>
<b>Good air quality</b>	<b>12.5</b>
<b>Access to health care</b>	<b>18.2</b>
<b>Access to healthy food</b>	<b>13.4</b>
Parks and recreation facilities	14.5
Affordable housing	26.4
Low crime and violence	36.3
Good schools	27.4
Green/open spaces	5.3
People know how to stay healthy	6.2
Support agencies	9.8
Community involvement	11.2
Time for family	14.0
Services for elders	6.4
Inexpensive childcare	6.8
Diversity is respected	5.4
Other	2.4

# San Joaquin County Community Health Needs Assessment

## Appendix E. Summary of and Focus Group and Key Informant Interview Results

Qualitative Data Supporting Identified Health Needs				
Health Need	Key Informant Interviews (n=34)		Focus Groups (n=29)	
	Number	Key Themes	Number	Key Themes
1. Obesity and Diabetes	24	<ul style="list-style-type: none"> <li>- Lack of safe physical activity</li> <li>- Easy access to unhealthy food leads to overeating and obesity</li> </ul>	9	<ul style="list-style-type: none"> <li>- Safe areas for kids to be active</li> <li>- Access to healthy food</li> <li>- More local farmers markets to walk to</li> </ul>
2. Education	6	<ul style="list-style-type: none"> <li>- Absence of skilled and educated workforce</li> <li>- Education is not preparing our students for the global marketplace</li> </ul>	7	<ul style="list-style-type: none"> <li>- Literacy programs</li> <li>- College workshops</li> <li>- More relevant courses</li> </ul>
3. Youth Growth and Development	9	<ul style="list-style-type: none"> <li>- Notion that young men of color have no future in our society</li> <li>- Teen pregnancy</li> </ul>	7	<ul style="list-style-type: none"> <li>- More after school programs free of charge</li> <li>- Teen centers to help teens stay out of trouble</li> <li>- Affordable summer programs</li> </ul>
4. Economic Security	6	<ul style="list-style-type: none"> <li>- Lack of jobs that pay a living wage</li> <li>- Poverty</li> </ul>	5	<ul style="list-style-type: none"> <li>- Poverty</li> <li>- More jobs</li> <li>- Increase transportation at night</li> </ul>
5. Violence and Injury	14	<ul style="list-style-type: none"> <li>- Family violence</li> <li>- Community violence</li> </ul>	16	<ul style="list-style-type: none"> <li>- Community partnership with law enforcement for neighborhood watch</li> <li>- Stronger police presence</li> <li>- Talk about issues as a community</li> <li>- Shootings, drugs, racism</li> </ul>
6. Substance Use	21	<ul style="list-style-type: none"> <li>- Limited resources for substance abuse treatment</li> <li>- No detox program for drugs or alcoholism</li> </ul>	2	<ul style="list-style-type: none"> <li>- Excessive liquor stores</li> <li>- Drugs on school campuses</li> </ul>
7. Access to Housing	11	<ul style="list-style-type: none"> <li>- Not enough affordable housing in safe locations</li> <li>- Homelessness</li> </ul>	6	<ul style="list-style-type: none"> <li>- Affordable housing</li> <li>- Homeless population</li> <li>- Senior Facilities</li> <li>- Lack of jobs and housing resources</li> </ul>
8. Access to Care	8	<ul style="list-style-type: none"> <li>- Lack of health insurance</li> <li>- Lack of access to mental health services and knowledge about services</li> </ul>	8	<ul style="list-style-type: none"> <li>- Culturally competent care</li> <li>- Shorter wait times</li> <li>- More organizations to help with addiction</li> <li>- Longer appointment hours for doctors</li> <li>- More access to dentists and eye doctors</li> </ul>
9. Mental Health	24	<ul style="list-style-type: none"> <li>- Stressors in life</li> <li>- Trauma</li> <li>- Not enough mental health access for students</li> <li>- Behavioral issues</li> <li>- PTSD</li> <li>- Postpartum depression</li> </ul>	2	<ul style="list-style-type: none"> <li>- Bullying</li> <li>- Less drugs</li> <li>- More community support</li> <li>- More suicide prevention</li> </ul>
10. Oral Health	5	<ul style="list-style-type: none"> <li>- No dental care</li> <li>- No dental health education</li> </ul>	0	
11. Asthma/Air Quality	16	<ul style="list-style-type: none"> <li>- Poor air quality</li> </ul>	0	

# San Joaquin County

## Community Health Needs Assessment

### Appendix F. Community Input Tracking Form

Data Collection Method	Title/Name	Number	Target Group(s) Represented (interviewee or at least one participant in the focus group self-identified as a leader, member, or representative of the following populations)					Date Input Was Gathered
Meeting, focus group, interview, survey, written correspondence, etc.	Respondent's title/role and name or focus group population	Number of participants	Health Department representative	Chronic Condition*	Minority*	Medically underserved*	Low-income*	Date of data collection
Interview	President and CEO, El Concilio Council for the Spanish Speaking	1		X	X	X	X	8/20/2015
Interview	Retired Director, San Joaquin County Public Health Services	1	X					8/27/2015
Interview	Director, San Joaquin General Hospital Clinics and Ambulatory Care Services	1		X	X	X	X	8/10/2015
Interview	Director, San Joaquin County Behavioral Health Services	1	X					8/27/2015
Interview	District Attorney, San Joaquin County	1						8/20/2015
Interview	Director, Community Partnership for Families	1			X	X	X	8/31/2015
Interview	Executive Director, San Joaquin County Worknet	1						8/25/15
Interview	CEO, St. Mary's Dining Hall	1		X		X	X	8/25/2015
Interview	Administrator, Stocktonians Taking Action to Neutralize Drugs (STAND)	1			X		X	8/20/2015

# San Joaquin County Community Health Needs Assessment

## Appendix F. Community Input Tracking Form

Meeting, focus group, interview, survey, written correspondence, etc.	Respondent's title/role and name or focus group population	Number of participants	Health Department representative	Chronic Condition*	Minority*	Medically underserved*	Low-income*	Date of data collection
Interview	REACH Program Manager, California Center of Public Health Advocacy	1			X			8/19/2015
Interview	President, Tracy Community Connections Center	1		X	X	X	X	8/20/2015
Interview	Executive Director and Intervention Specialist, San Joaquin Valley Youth for Christ	2						8/19/2015
Interview	Chief Probation Officer, San Joaquin County Probation Department	1			X		X	8/21/2015
Interview	Executive Director, Family Resource and Referral Center	1						9/2/2015
Interview	Executive Director, First 5 San Joaquin	1		X	X	X	X	8/31/2015
Interview	Representative, San Joaquin County Commission on Aging Long Term Care Services	1				X	X	8/20/2015
Interview	Recreation Services Supervisor and Recreation Leader III, Lolly Hansen Senior Center – City of Tracy	2		X	X		X	8/27/2015
Interview	Social Worker, Environmental Alternatives Foster Family Agency	1		X	X	X	X	8/26/2015



# San Joaquin County Community Health Needs Assessment

## Appendix F. Community Input Tracking Form

Meeting, focus group, interview, survey, written correspondence, etc.	Respondent's title/role and name or focus group population	Number of participants	Health Department representative	Chronic Condition*	Minority*	Medically underserved*	Low-income*	Date of data collection
Interview	CASA Program Coordinator, Child Abuse Prevention Council	1		X		X	X	9/2/2015
Interview	CEO, Lao Family Community Empowerment	1		X	X	X	X	8/18/2015
Interview	CEO, Women's Center Youth & Family Services	1		X				9/10/2015
Interview	Deputy Director for Aging & Community Services, Human Services Agency	1		X	X	X	X	
Interview	Executive Director, San Joaquin Pride Center	1			X	X	X	8/26/2015
Interview	Director, Visionary Homebuilders	1			X		X	8/10/2015
Focus Groups	County-wide; Adult population	12						3/16/2015
Focus Groups	Stockton; Adult population	17		X		X	X	3/13/2015
Focus Groups	Stockton; Adult population	25		X		X	X	3/25/2015
Focus Groups	County-wide; Adult population	8						3/19/2015
Focus Groups	County-wide; Adult population	12			X			3/19/2015
Focus Groups	County-wide; Women experiencing homelessness	16		X	X	X	X	3/24/2015
Focus Groups	Unknown population	8						3/24/2015
Focus Groups	Tracy; Adult population	8						3/31/2015
Focus Groups	County-wide; Older adult population	4						4/2/2015
Focus Groups	Stockton; Latino population	4			X		X	4/7/2015
Focus Groups	County-wide; Adult population	4			X		X	4/8/2015

# San Joaquin County

## Community Health Needs Assessment

### Appendix F. Community Input Tracking Form

Meeting, focus group, interview, survey, written correspondence, etc.	Respondent's title/role and name or focus group population	Number of participants	Health Department representative	Chronic Condition*	Minority*	Medically underserved*	Low-income*	Date of data collection
Focus Groups	County-wide; Adult population	12			X	X	X	3/26/2015
Focus Groups	County-wide; Youth population	26			X		X	3/28/2015
Focus Groups	County-wide; Women	12			X		X	4/3/2015
Focus Groups	County-wide; Homeless population	7				X	X	4/9/2015
Focus Groups	County-wide; Older adult population	21						4/14/2015
Focus Groups	County-wide; Adult population	5			X		X	4/17/2015
Focus Groups	Stockton; Youth population	15			X		X	4/16/2015
Focus Groups	Stockton; Youth and adult population	23			X			4/25/2015
Focus Groups	County-wide; Adult population	14		X	X	X	X	4/8/2015
Focus Groups	Stockton; Youth and adult population	13			X		X	4/9/2015
Focus Groups	Stockton; Older adult population	8		X	X		X	3/10/2015
Focus Groups	County-wide; Adult population	8			X			3/31/2015
Focus Groups	County-wide; Adult population	17		X	X	X	X	4/16/2015
Focus Groups	Unknown population	10			X			4/13/2015
Focus Groups	Thornton; Adult population	9		X		X	X	3/30/2015
Focus Groups	County-wide; Older adult population	6						4/8/2015
Focus Groups	Unknown population	10						4/13/2015
Focus Groups	County-wide; Adult population	14					X	4/13/2015

\* Indicates self-identification of interviewees or focus group participants as a leader, member, or representative of each specified population. In some cases, individuals did not self-identify as a representative of any of the listed groups.

# San Joaquin County

## Community Health Needs Assessment

### Appendix G. Primary Data Collection Protocols

#### Key Informant Interviews: Instructions to Interviewees

1. Prepare for the interview:
  - a. Review relevant information about the participant and his/her organization.
  - b. Thoroughly review the interview protocol.
  - c. Review Interviewing Tips document.
  - d. Schedule adequate time for the interview and additional questions that might be asked from the interviewee. Plan time additional time afterwards to clean up your notes and write an interview summary.
2. Complete the interview, using attached protocol:
  - a. Begin the interview by reminding the interviewee about the intended purpose of the interview, confidentiality, and how long the interview will take, and by asking whether they have any questions.
  - b. As the interviewee responds to each question, write notes directly in the saved protocol document under that question if possible. If handwritten notes are easier, print out the protocol in advance to write directly below each question and type the summary notes at the end. Take notes and focus on key words and key concepts. Try to write down a few key quotes verbatim when possible. Abbreviating common words used during the interview can help keep up with typing.
  - c. Use probes (provided in italics after the question) as needed to get more in-depth answers or to focus to interviewee's response on the desired topic.
3. After the interview:
  - a. As soon as possible, review your notes from the interview. Fill in any main ideas that you missed, and clarify any words that were abbreviated during the interview.
  - b. Using your notes, fill out the Key Points summary box provided at the end of the interview protocol. Be sure to include any key concepts or key quotes that you wrote down.
  - c. Enter the interviewee's information and the date of the interview on the Primary Data Collection Tracking Form.

# San Joaquin County Community Health Needs Assessment

## Appendix G. Primary Data Collection Protocols Key Informant Interviews: Interview Protocol

Interviewee: \_\_\_\_\_

Date: \_\_\_\_\_

Organization: \_\_\_\_\_

Interviewer: \_\_\_\_\_

### Introduction

Hello, my name is \_\_\_\_\_ and I work for \_\_\_\_\_. You have been identified as an individual with extensive and important knowledge of the [*San Joaquin County* / \_\_\_\_\_ *community in San Joaquin County*] that can help us with the CHNA -- to help ensure that we get a clear picture of health-related issues that impact our San Joaquin County residents. We are very interested in having you share thoughts and ideas that go beyond access to medical care, taking into consideration social, economic, and environmental factors that impact health. Your input will inform the development of the CHNA as well as a community health implementation plan for all of San Joaquin County.

I have several important questions I'd like to ask over the next 45 minutes or so. Please feel free to respond openly and candidly. We may use a few quotes in the writing of the final report. If anything you share with me should be kept confidential, please let me know.

### Questions

1. a) Would you give me a brief description of your organization, and your role there?

b) Within San Joaquin County, what geographic area do you primarily serve?

- |                                  |  |
|----------------------------------|--|
| <input type="checkbox"/> Escalon | <input type="checkbox"/> Stockton                  |
| <input type="checkbox"/> Lathrop | <input type="checkbox"/> Tracy                     |
| <input type="checkbox"/> Lodi    | <input type="checkbox"/> All of San Joaquin County |
| <input type="checkbox"/> Manteca | <input type="checkbox"/> Other: _____              |
| <input type="checkbox"/> Ripon   |  |

2. What are the biggest health issues that face your clients? (or “your community” if not service provider)

3. a) What are the specific populations adversely affected by these health problems?

b) The following data are from preliminary community survey findings:

i. Most Important Health Issues:

1. Youth violence (29%)
2. Diabetes (29%)
3. Breathing problems/asthma (27%)
4. Mental health issues (26%)
5. Obesity (25%)

Can you tell me your thoughts on this?

c) What existing community resources could be used to address these health issues and inequities?  
(Resources could include community organizations, religious and cultural organizations, characteristics of the community such as community cohesiveness, physical or built community characteristics such as parks, markets, or health centers, or other resources.)

4. a) What health behaviors do you think have the biggest influence on these issues for your clients/your community?

b) The following data are from preliminary community survey findings:

i. Most Important Health Behaviors:

1. Drug abuse (40%)
2. Alcohol abuse (38%)
3. Poor eating habits (34%)
4. Lack of exercise (33%)
5. Life stress/not able to deal with life stresses (26%)

Can you tell me your thoughts on this?

c) What existing community resources could be used to address these health issues and inequities?  
(Resources could include community organizations, religious and cultural organizations, characteristics of the community such as community cohesiveness, physical or built community characteristics such as parks, markets, or health centers, or other resources.)

5. a) What social factors do you think have the biggest influence on these issues for your clients/your community?

b) What economic factors do you think have the biggest influence on these issues for your clients/your community?

c) The following data are from preliminary community survey findings:

- i. Biggest Social and Economic Problems:
  1. Not enough local jobs (58%)
  2. Homelessness (37%)
  3. Poverty (33%)
  4. Not enough interesting activities for youth (30%)
  5. Fear of crime (27%)

Can you tell me your thoughts on this?

d) What existing community resources could be used to address these health issues and inequities? (Resources could include community organizations, religious and cultural organizations, characteristics of the community such as community cohesiveness, physical or built community characteristics such as parks, markets, or health centers, or other resources.)

6. a) What environmental factors do you think have the biggest influence on these issues for your clients/your community?

b) The following data are from preliminary community survey findings:

- i. Biggest Environmental Problems:
  1. Air pollution (36%)
  2. Not enough safe places to be physically active (32%)
  3. Poor housing (27%)
  4. Cigarette smoke (27%)
  5. Trash on streets and sidewalks (25%)

Can you tell me your thoughts on this?

c) What existing community resources could be used to address these health issues and inequities? (Resources could include community organizations, religious and cultural organizations, characteristics of the community such as community cohesiveness, physical or built community characteristics such as parks, markets, or health centers, or other resources.)

7. a) Do you have suggestions for changes that could help to address the inequities that exist because of these influences?

b) Looking across all sectors, who are some current or potential community partners that we have not yet engaged who could help to impact these issues? (These partners may overlap with resources you have listed previously, but are not limited to these. Partners could refer to individuals or organizations that are presently engaged in this work, or potential partners.)

8. Are there any specific health issues or needs that you foresee emerging in the near future, but that you have not listed as an immediate concern today?

9. Imagine a future five years from now. What would success look like to you?

10. What race do you most identify with?

- |   |   |
|---|---|
| <input type="checkbox"/> Black/African American | <input type="checkbox"/> Asian (if checked, please select a choice below):  |
| <input type="checkbox"/> White/Caucasian        | <input type="radio"/> Cambodian <input type="radio"/> Chinese <input type="radio"/> Korean                          |
| <input type="checkbox"/> Hispanic/Latino        | <input type="radio"/> Hmong <input type="radio"/> Pakistani <input type="radio"/> Laotian                           |
| <input type="checkbox"/> Native American        | <input type="radio"/> Vietnamese <input type="radio"/> Japanese <input type="radio"/> East Indian                   |
|   | <input type="radio"/> Filipino <input type="radio"/> Thai <input type="radio"/> Native Hawaiian or Pacific Islander |
|   | <input type="radio"/> Other: _____  |

11. What is your current gender identity? (Check one that best describes your current gender identity.)

- |                                      |  |
|--------------------------------------|--|
| <input type="checkbox"/> Male        | <input type="checkbox"/> Genderqueer / Gender non-conforming               |
| <input type="checkbox"/> Female      | <input type="checkbox"/> Another gender identity (Fill in the blank) _____ |
| <input type="checkbox"/> Trans man   |  |
| <input type="checkbox"/> Trans woman | <input type="checkbox"/> Declined to answer                                |

12. Do you identify as a leader, representative, or member of any of the following communities? Please select all that apply.

- ☐ Individuals with chronic conditions
- ☐ Minorities
- ☐ Medically underserved
- ☐ Low-income

Those are all the questions I have for you today. Do you have anything else you would like to add?

Thank you for taking the time to have this conversation! The information that you provided will be very helpful not only for the needs assessment but also in crafting actions to address those needs.



San Joaquin County  
Community Health Needs Assessment  
Appendix G. Primary Data Collection Protocols  
Key Informant Interviews: Interview Notes Form

Please complete the following summary box (using your notes for reference) after the conclusion of the interview:

<u>Key Points</u>
<b>Area of expertise:</b> <i>(e.g. homeless, youth, county-wide perspective)</i>
<b>Top health issues identified:</b>
<b>Top health behaviors identified:</b>
<b>Top social problems identified:</b>
<b>Top economic problems identified:</b>
<b>Top environmental problems identified:</b>

**Key Points**

**Suggestions for change:**

**Potential community partners:**

**Key quotes:**

### **Tracking Information**

**(Q10.)** What race do you most identify with?

- |   |  |                                 |   |
|---|--|---------------------------------|---|
| <input type="checkbox"/> Black/African American | <input type="checkbox"/> Asian (if checked, please select a choice below): |                                 |   |
| <input type="checkbox"/> White/Caucasian        | <input type="radio"/> Cambodian  | <input type="radio"/> Chinese   | <input type="radio"/> Korean                              |
| <input type="checkbox"/> Hispanic/Latino        | <input type="radio"/> Hmong  | <input type="radio"/> Pakistani | <input type="radio"/> Laotian                             |
| <input type="checkbox"/> Native American        | <input type="radio"/> Vietnamese   | <input type="radio"/> Japanese  | <input type="radio"/> East Indian                         |
|   | <input type="radio"/> Filipino   | <input type="radio"/> Thai      | <input type="radio"/> Native Hawaiian or Pacific Islander |
|   | <input type="radio"/> Other: _____   |                                 |   |

**(Q11.)** What is your current gender identity? (Check one that best describes your current gender identity.)

- |                                      |  |
|--------------------------------------|--|
| <input type="checkbox"/> Male        | <input type="checkbox"/> Genderqueer / Gender non-conforming         |
| <input type="checkbox"/> Female      | <input type="checkbox"/> Another gender identity (Fill in the blank) |
| <input type="checkbox"/> Trans man   | _____  |
| <input type="checkbox"/> Trans woman | <input type="checkbox"/> Declined to answer                          |

**(Q12.)** Do you identify as a leader, representative, or member of any of the following communities? Please select all that apply.

- ☐ Individuals with chronic conditions
- ☐ Minorities
- ☐ Medically underserved
- ☐ Low-income

# San Joaquin County MAPP Community Health Survey

## San Joaquin County MAPP Community Health Survey

Make your voice heard! **We would like to hear your opinions about health issues in San Joaquin County. The San Joaquin County "Mobilizing for Action through Planning and Partnerships" (MAPP)** project will use this survey and other information to work with the community to help make the county a healthier place to live, work, and play.

**Your opinion is important!** If you have already completed a survey, please don't fill out another one but ask your family and friends to do so. Thank you for your participation!

### \* 1. In what city do you live? Choose one:

- |  |                                |   |
|--|--------------------------------|---|
| <input type="radio"/> Escalon                | <input type="radio"/> Manteca  | <input type="radio"/> Tracy                             |
| <input type="radio"/> Lathrop                | <input type="radio"/> Ripon    | <input type="radio"/> Unincorporated San Joaquin County |
| <input type="radio"/> Lodi                   | <input type="radio"/> Stockton | (please specify):                                       |
| <input type="radio"/> Other (please specify) |                                |   |

### \* 2. What is your home Zip Code?

### 3. Would you say your health in general is excellent, very good, good, fair, or poor?

Choose one.

Excellent	Very Good	Good	Fair	Poor	Don't know
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

# San Joaquin County MAPP Community Health Survey

## 4. What are the three biggest health problems in your community? Choose three:

- |  |   |
|--|---|
| <input type="checkbox"/> Age-related health problems (like arthritis)                        | <input type="checkbox"/> Youth violence (like gang fights, murders) |
| <input type="checkbox"/> Cancer  | <input type="checkbox"/> Domestic violence                          |
| <input type="checkbox"/> Tooth problems  | <input type="checkbox"/> Stroke                                     |
| <input type="checkbox"/> Heart disease   | <input type="checkbox"/> Teens getting pregnant                     |
| <input type="checkbox"/> Infectious diseases (e.g., hepatitis or TB)                         | <input type="checkbox"/> Suicide                                    |
| <input type="checkbox"/> Mental health issues (e.g., depression)                             | <input type="checkbox"/> Alcoholism                                 |
| <input type="checkbox"/> Motor vehicle injuries (including pedestrian and bicycle accidents) | <input type="checkbox"/> Diabetes                                   |
| <input type="checkbox"/> Poor birth outcomes (e.g., baby underweight)                        | <input type="checkbox"/> Child abuse or neglect                     |
| <input type="checkbox"/> Breathing problems/asthma   | <input type="checkbox"/> Obesity                                    |
| <input type="checkbox"/> Sexually transmitted disease  |   |
| <input type="checkbox"/> Other (please specify)  |   |

## 5. What are the three behaviors that most affect health in your community? Choose three:

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Alcohol abuse (drinking too much) | <input type="checkbox"/> Not getting "shots" (vaccines) to prevent disease | <input type="checkbox"/> Unsafe sex (e.g., not using condom or birth control) |
| <input type="checkbox"/> Driving while drunk/on drugs      | <input type="checkbox"/> Smoking/tobacco use                               | <input type="checkbox"/> Teenage sex  |
| <input type="checkbox"/> Drug abuse                        | <input type="checkbox"/> Using weapons/guns                                | <input type="checkbox"/> Talk/texting and driving                             |
| <input type="checkbox"/> Lack of exercise                  | <input type="checkbox"/> Not getting regular check-ups by the doctor       |   |
| <input type="checkbox"/> Poor eating habits                | <input type="checkbox"/> Life stress/not able to deal with life stresses   |   |

☐ Other (please specify)

# San Joaquin County MAPP Community Health Survey

## 6. What are the three biggest social and economic problems in your community? Choose three:

- |   |  |
|---|--|
| <input type="checkbox"/> Not enough local jobs                      | <input type="checkbox"/> No health insurance                         |
| <input type="checkbox"/> Poverty                                    | <input type="checkbox"/> Not enough interesting activities for youth |
| <input type="checkbox"/> Overcrowded housing                        | <input type="checkbox"/> Fear of crime                               |
| <input type="checkbox"/> Homelessness                               | <input type="checkbox"/> Not enough healthy food                     |
| <input type="checkbox"/> Not enough education/high school drop-outs | <input type="checkbox"/> Can't pay for transportation                |
| <input type="checkbox"/> Schools                                    | <input type="checkbox"/> No police and firefighters                  |
| <input type="checkbox"/> Racism and discrimination                  |  |
| <input type="checkbox"/> Other (please specify)                     |  |

## 7. What are the three biggest problems to having a healthy environment in your community? Choose three:

- |   |   |
|---|---|
| <input type="checkbox"/> Air pollution (dirty air)                | <input type="checkbox"/> Trash on streets and sidewalks                               |
| <input type="checkbox"/> Pesticide use                            | <input type="checkbox"/> Flooding problems  |
| <input type="checkbox"/> Poor housing conditions                  | <input type="checkbox"/> Unsafe drinking water  |
| <input type="checkbox"/> Home is too far from shops, work, school | <input type="checkbox"/> Not enough safe places to be physically active               |
| <input type="checkbox"/> Too many hot days                        | <input type="checkbox"/> Not enough places nearby to buy healthy and affordable foods |
| <input type="checkbox"/> Cigarette smoke                          | <input type="checkbox"/> Not enough public transportation                             |
| <input type="checkbox"/> Not enough sidewalks and bike paths      | <input type="checkbox"/> Speeding/Traffic   |
| <input type="checkbox"/> Other (please specify)                   |   |

## 8. In your opinion, is store window advertising of tobacco, alcohol, and sugary beverages a problem in San Joaquin County? Choose one:

- ☐ Not a problem
- ☐ A medium problem
- ☐ A small problem
- ☐ A big problem
- ☐ I don't know
- ☐ Other (please specify)

# San Joaquin County MAPP Community Health Survey

## 9. Do you have health insurance?

- ☐ Yes
- ☐ No
- ☐ Don't know

## 10. What three things make it hard to get health care in your community? Choose three:

- |  |   |
|--|---|
| <input type="checkbox"/> It is not hard to get health care             | <input type="checkbox"/> Covered California/Obama Care is too hard to get |
| <input type="checkbox"/> No health insurance                           | <input type="checkbox"/> Covered California/Obama Care is too hard to use |
| <input type="checkbox"/> Medi-Cal is too hard to get                   | <input type="checkbox"/> No transportation                                |
| <input type="checkbox"/> Medi-Cal is too hard to use                   | <input type="checkbox"/> Not enough doctors here                          |
| <input type="checkbox"/> No health care available at night or weekends | <input type="checkbox"/> Waiting time to see the doctor is too long       |
| <input type="checkbox"/> Can't get off work to see a doctor            | <input type="checkbox"/> Doctors and staff don't speak my language        |
| <input type="checkbox"/> The only place to go is the emergency room    | <input type="checkbox"/> High co-pays and deductibles                     |
| <input type="checkbox"/> Can't afford medicine                         |   |
| <input type="checkbox"/> Other (please specify)                        |   |

## 11. What are the three most important parts of a healthy, thriving community? Choose three:

- |  |  |
|--|--|
| <input type="checkbox"/> Safe place to raise kids        | <input type="checkbox"/> Green/open spaces   |
| <input type="checkbox"/> Jobs                            | <input type="checkbox"/> People know how to stay healthy                               |
| <input type="checkbox"/> Good air quality                | <input type="checkbox"/> Support agencies (e.g., social workers, churches and temples) |
| <input type="checkbox"/> Access to health care           | <input type="checkbox"/> Community involvement   |
| <input type="checkbox"/> Access to healthy food          | <input type="checkbox"/> Time for family   |
| <input type="checkbox"/> Parks and recreation facilities | <input type="checkbox"/> Services for elders   |
| <input type="checkbox"/> Affordable housing              | <input type="checkbox"/> Inexpensive childcare   |
| <input type="checkbox"/> Low crime and violence          | <input type="checkbox"/> Diversity is respected  |
| <input type="checkbox"/> Good schools                    |  |
| <input type="checkbox"/> Other (please specify)          |  |

# San Joaquin County MAPP Community Health Survey

**12. Please rate your family's health and the overall health of your community. Choose one answer for each row:**

	Excellent	Good	Ok	Poor	Very Poor	Don't know
Family	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My Community	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**13. Please rate how well your neighbors and your county work together to help solve community problems? Choose one answer for each row:**

	Excellent	Good	Ok	Poor	Very Poor	Don't know
My Neighbors	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
San Joaquin County	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**14. What are two things that make you most proud of your community?**

1.
2.

**15. What are the two things you would like to improve in your community?**

1.
2.

**16. What activities would excite you enough to become involved (or more involved) in building a healthier community?**

1.
2.

Please answer the following questions about yourself so we can see how different types of people feel about these local health issues.

**17. What is your age group?**

- |                                      |                                      |                                     |
|--------------------------------------|--------------------------------------|-------------------------------------|
| <input type="radio"/> Under 18 years | <input type="radio"/> 40 to 54 years | <input type="radio"/> Over 80 years |
| <input type="radio"/> 18 to 25 years | <input type="radio"/> 55 to 64 years |                                     |
| <input type="radio"/> 26 to 39 years | <input type="radio"/> 65 to 80 years |                                     |

**18. What language(s) do you speak at home? Choose one:**

- ☐ English
- ☐ Spanish
- ☐ Other (please specify)



# San Joaquin County MAPP Community Health Survey

## 19. How well do you speak English? Choose one:

☐ Very well

☐ Well

☐ Not well

☐ Not at all

## 20. What race do you most identify with? Check all that apply:

☐ Black/African American

☐ Vietnamese

☐ Korean

☐ White/Caucasian

☐ Filipino

☐ Laotian

☐ Hispanic/Latino

☐ Chinese

☐ East Indian

☐ Native American

☐ Pakistani

☐ Native Hawaiian or Pacific Islander

☐ Cambodian

☐ Japanese

☐ Hmong

☐ Thai

☐ Other (please specify)

## 21. Please indicate your gender. Choose one:

☐ Female

☐ Male

☐ Other (please specify)

## 22. What is your annual household income? Choose one:

☐ Less than \$10,000

☐ \$35,000 to \$49,999

☐ \$150,000 to \$199,999

☐ \$10,000 to \$14,999

☐ \$50,000 to \$74,999

☐ \$200,000 or more

☐ \$15,000 to \$24,999

☐ \$75,000 to \$99,999

☐ Don't know

☐ \$25,000 to \$34, 999

☐ \$100,000 to \$149,000

## San Joaquin County MAPP Community Health Survey

### 23. How many people live in your household? Choose one:

☐ 1

☐ 2

☐ 3

☐ 4

☐ 5

☐ Other (please specify)

### 24. What is your educational level? Choose one:

☐ Less than high school

☐ High school diploma

☐ GED

☐ Some college

☐ College degree

☐ Graduate/professional degree

☐ Other (please specify)

# San Joaquin County Community Health Needs Assessment

## Appendix H. Prioritization Scoring Matrix

**Instructions:** For each health need, write down a score between 1 to 7 for each criterion (1 being the lowest and 7 being the highest score possible). For example, if an issue is nearly impossible to prevent, it could be assigned a 1 in "Prevention" but may receive a score of 6 in "Severity". You will then use the clickers to indicate your score for each health need and criterion. Once each member scores the health needs, the scores will be averaged and multiplied by the weighting value and an overall score will be calculated for each health need.

Health Need	Severity	Disparities	Impact	Prevention
	The health need has serious consequences (morbidity, mortality, and/or economic burden) for those affected.	The health need disproportionately impacts specific geographic, age, or racial/ethnic subpopulations	Solution could impact multiple problems. Addressing this issue would impact multiple health issues.	There is an opportunity to intervene at the prevention level and impact overall health outcomes.
<i>Weighting</i>	<i>1.5</i>	<i>1.5</i>	<i>1.4</i>	<i>1.3</i>
<b>Access to Care</b>				
<b>Access to Housing</b>				
<b>Economic Security</b>				
<b>Education</b>				
<b>Injury and Violence Prevention</b>				
<b>Mental Health</b>				
<b>Substance Use</b>				
<b>Youth Development</b>				
<b>Obesity/Diabetes/HEAL</b>				
<b>Oral Health</b>				
<b>Asthma/Air Quality</b>				

# San Joaquin County Community Health Needs Assessment

## Appendix I. Qualification of Consultants

**Harder+Company Community Research:** Harder+Company Community Research is a comprehensive social research and planning firm with offices in San Francisco, Sacramento, Los Angeles, and San Diego. Harder+Company works with public sector, nonprofit, and philanthropic clients nationwide to reveal new insights about the nature and impact of their work. Through high-quality, culturally-based evaluation, planning, and consulting services, Harder+Company helps organizations translate data into meaningful action. Since 1986, Harder+Company has worked with health and human service agencies throughout California and the country to plan, evaluate, and improve services for vulnerable populations. The firm's staff offers deep experience assisting hospitals, health departments, and other health agencies on a variety of efforts – including conducting needs assessments; developing and operationalizing strategic plans; engaging and gathering meaningful input from community members; and using data for program development and implementation. Harder+Company offers considerable expertise in broad community participation which is essential to both healthcare reform and the CHNA process in particular. Harder+Company is also the consulting partner on several other CHNAs throughout the state including in Napa, Marin, and Sonoma Counties.

**MIG:** Since it was founded in 1982, MIG has focused on planning, designing and sustaining environments that support human development. MIG embraces inclusivity and encourages community and stakeholder interaction in all of its projects. For each endeavor — in planning, design, management, communications or technology — MIG's approach is strategic, context-driven and holistic, addressing social, political, economic and physical factors to ensure clients achieve the results they want.

# San Joaquin County Community Health Needs Assessment

## Appendix J. Core Planning Group Member Websites

**Dameron Hospital Association**

<http://www.dameronhospital.org/>

**Community Medical Centers**

<http://www.communitymedicalcenters.org/>

**Community Partnerships for Families**

<http://www.cpfjsj.org/>

**First 5 San Joaquin**

<http://www.sjckids.org/>

**Health Net**

<http://newsroom.healthnet.com/>

**Health Plan of San Joaquin**

<http://www.hpsj.com/>

**Kaiser Permanente-Manteca**

<https://healthy.kaiserpermanente.org>

**San Joaquin County Public Health Services**

<http://www.sjcphs.org/>

**St. Joseph's Medical Center**

<http://www.stjosephscare.org/>

**Sutter Tracy Community Hospital**

<http://www.suttertracy.org/>