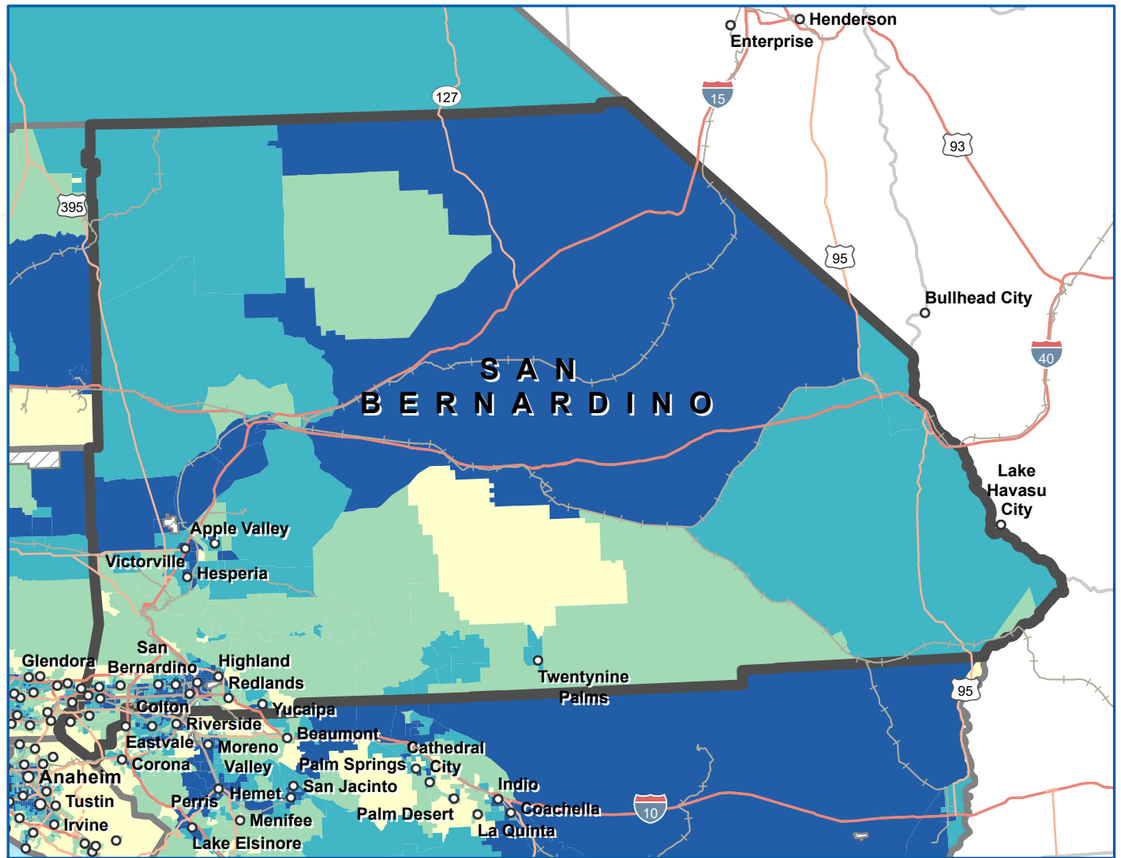
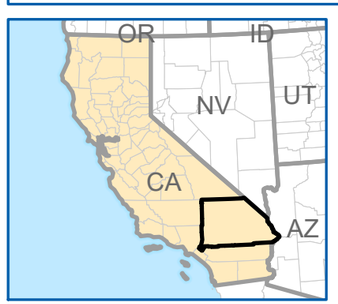
CDC's Social Vulnerability Index 2016

San Bernardino County, California

PART 1

Overall Social Vulnerability[1]





Social vulnerability refers to a community's capacity to prepare for and respond to the stress of hazardous events ranging from natural disasters, such as tornadoes or disease outbreaks, to human-caused threats, such as toxic chemical spills. The **Social Vulnerability Index (SVI 2016)[4] County Map** depicts the social vulnerability of communities, at census tract level, within a specified county. SVI 2016 groups **fifteen census-derived factors** into **four themes** that summarize the extent to which the area is socially vulnerable to disaster. The factors include economic data as well as data regarding education, family characteristics, housing, language ability, ethnicity, and vehicle access. Overall Social Vulnerability combines all the variables to provide a comprehensive assessment.

MAP PRODUCED 2/1/2018

GRASP

Agency for Toxic Substances and Disease Registry

Division of Toxicology and Human Health Sciences

ATSDR

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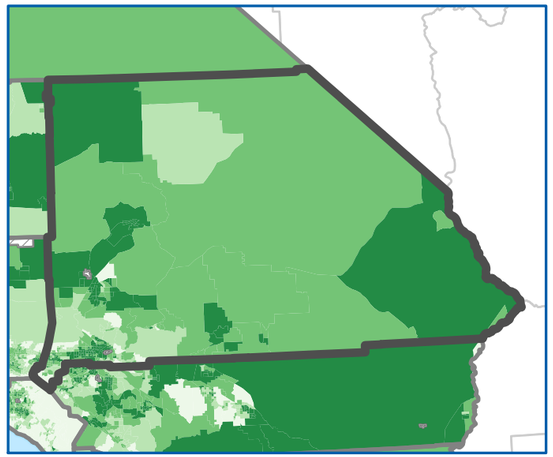
SVI 2016 – SAN BERNARDINO COUNTY, CALIFORNIA

PART 2

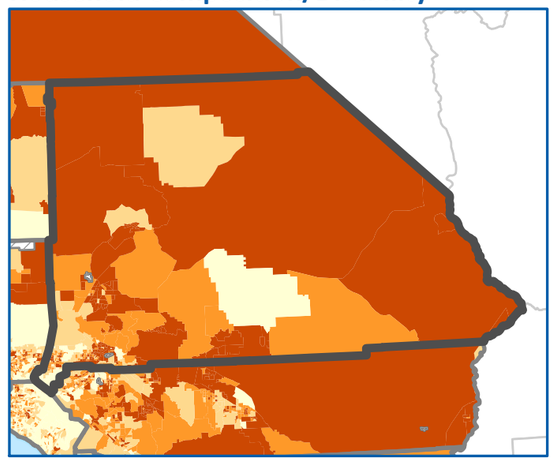
SVI Themes

Socioeconomic Status[5]



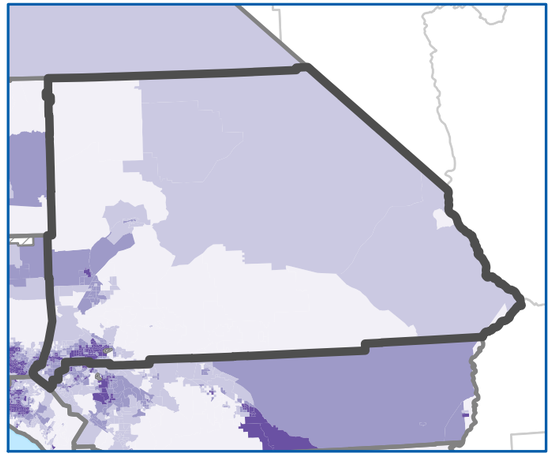
Highest (Top 4th) | Vulnerability (SVI 2016)[2] | Lowest (Bottom 4th)

Household Composition/Disability[6]



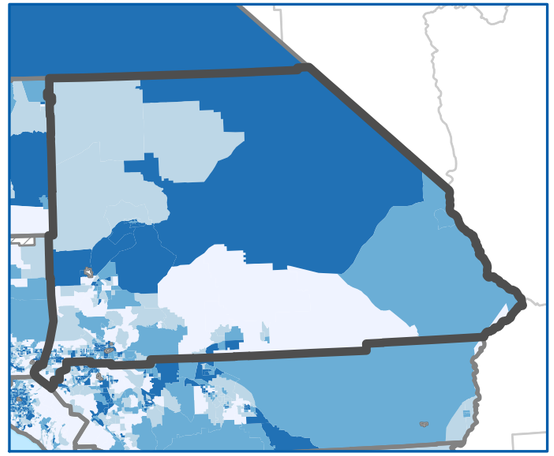
Highest (Top 4th) | Vulnerability (SVI 2016)[2] | Lowest (Bottom 4th)

Race/Ethnicity/Language[7]



Highest (Top 4th) | Vulnerability (SVI 2016)[2] | Lowest (Bottom 4th)

Housing/Transportation[8]



Highest (Top 4th) | Vulnerability (SVI 2016)[2] | Lowest (Bottom 4th)

Data Sources: [2]CDC/ATSDR/GRASP, U.S. Census Bureau, Esri® StreetMapTM Premium.

Notes: [1]Overall Social Vulnerability: All 15 variables. [3]Census tracts with 0 population. [4]The SVI combines percentile rankings of US Census American Community Survey (ACS) 2012-2016 variables, for the state, at the census tract level. [5]Socioeconomic Status: Poverty, Unemployed, Per Capita Income, No High School Diploma. [6]Household Composition/Disability: Aged 65 and Over, Aged 17 and Younger, Single-parent Household, Aged 5 and over with a Disability. [7]Race/Ethnicity/Language: Minority, English Language Ability. [8]Housing/Transportation: Multi-unit, Mobile Homes, Crowding, No Vehicle, Group Quarters.

Projection: NAD 1983 California Teale Albers.

References: Flanagan, B.E., et al., A Social Vulnerability Index for Disaster Management. *Journal of Homeland Security and Emergency Management*, 2011. 8(1).

CDC's SVI web page: http://svi.cdc.gov.

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