

What is a Healthy Community and its Indicators

Domain/Goal of a Healthy Community	Indicators ⁺
Meets basic needs of all Safe, sustainable, accessible and affordable transportation options	<ul style="list-style-type: none"> • Number and rate of collisions by severity and mode of transport (e.g. pedestrian-car collisions per vehicle mile or mile walked)¹ • Miles traveled per capita by mode^{2#} • Percent of households <1/2 mile of a regional bus/rail/ferry & <1/4 mile local bus/light rail³ • Percent of household income spent on travel*⁴
Affordable, accessible and nutritious foods	<ul style="list-style-type: none"> • Average weekly cost of a market basket for food items relative to income* • Percent of households within 1/2 mile of a full-service grocery store, fresh produce market, or store with fresh produce⁵ • Percent of adults who consume ≥5 servings of fruits and vegetables a day^{6†} • Retail food environment index⁵ [e.g. number of fast-food restaurants and convenience stores/total number of supermarkets and produce vendors (produce stores and farmers markets) in the area]
Affordable, high quality, socially integrated and location-efficient housing	<ul style="list-style-type: none"> • Percent of household income spent on rent or mortgage⁴ (HUD benchmark >30%) • Percent of households in overcrowded conditions^{4*} • Household by Type of Family and Head of Household⁴ • Neighborhood Completeness Index^{5,7*#} (<1/2 mile radius for 8 out of 11 common public services and 9 of 12 common retail services)
Affordable, accessible and high quality health care	<ul style="list-style-type: none"> • Percent of adults aged 18 - 64 years without health insurance⁶ • HEDIS primary care indicators and patient ratings for California managed care organizations and medical groups posted at the OPA website (www.opa.ca.gov/report_card/hmorating.aspx)⁸
Complete and livable communities including affordable and high quality schools, parks and recreational facilities, child care, libraries, financial services and other daily needs	<ul style="list-style-type: none"> • Neighborhood Completeness Index^{5,7*#} (<1/2 mile radius for 8 out of 11 common public services and 9 of 12 common retail services)
Access to affordable and safe opportunities for physical activity	<ul style="list-style-type: none"> • Proportion of adults getting moderate/vigorous daily exercise¹⁶ • Percent of children scoring 6 of 6 on fitnessgram¹⁰ • Percent of the population within 1/2 mile of a public recreational facility⁵ (same as open space below)

Domain/Goal of a Healthy Community	Indicators ⁺
Quality and sustainability of environment	
Clean air, soil and water, and environments free of excessive noise	<ul style="list-style-type: none"> • Number of days per year geographic area exceeds ambient air standards for criteria pollutants (ozone and PM2.5)^{18*} • Percent of households near busy roadways (>100,000 vehicles/day within 150 meters or >50,000 vehicles/day within 100 meters or)* • Average water use per capita/household* • Drinking water quality (percent of the population served by water systems meeting regulations of the Safe Drinking Water Act)* • Amount of topsoil lost* • Average daytime and night time noise outdoor noise levels* • Prevalence of smoking in adults^{6†} and youth^{13†}
Tobacco and smoke free	
Green and open spaces, including agricultural lands	<ul style="list-style-type: none"> • Percent of residents within ½ mile of park, beach, open space, or coastline^{4*} • Acres of cropland converted to developed land* • Tree canopy/leaf area index (urban areas)*
Minimized toxics, GHG emissions and waste	<ul style="list-style-type: none"> • Pounds of toxic chemicals generated by reporting facility per capital/geographic area^{19*} • Reported pesticide use^{20*} • Annual per capita GHG emission* • Total waste diversion*
Affordable and sustainable energy use	<ul style="list-style-type: none"> • Households that had gas/electricity turned off, inability to pay* • Percent of electricity from renewable sources*
Adequate levels of economic, social development	
Living wage, safe and healthy job opportunities for all	<ul style="list-style-type: none"> • Overall and child (0 to 18 years of age) poverty rate⁴ • Number and rate of fatal and nonfatal occupational injuries by industry¹¹
Support for healthy development of children and adolescents	<ul style="list-style-type: none"> • Percent of children who are kindergarten ready¹² • Percent of resilient high school students (peer, school, family, community)¹³ • Number of licensed daycare center slots per 1000 children aged 0-4 years^{14,4}
Opportunities for high quality and accessible education	<ul style="list-style-type: none"> • Mean score of Academic Performance Index (API)¹⁰ • Percent of population aged ≥ 25 year by educational attainment (< HS, =HS/GDE, College, etc.)⁴

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Health and social equity	<ul style="list-style-type: none"> • Indicators above capable of being stratified by race/ethnicity • Distribution of cumulative income by cumulative number of households⁴ (input to Gini coefficient, or deciles/quintiles) • Median income by place, race/ethnicity⁴
Social relationships that are supportive and respectful	
Robust social and civic engagement	<ul style="list-style-type: none"> • Percent of adults age ≥18 years who are registered voters^{15,4}
Socially cohesive and supportive relationships, families, homes and neighborhoods	<ul style="list-style-type: none"> • Percent of adults (18-65 years) who report physical or sexual violence by an intimate partner*¹⁶ • Percent of children (<18 years) reported with neglect or physical or sexual abuse¹⁷
Safe communities, free of crime and violence	<ul style="list-style-type: none"> • Reported crime rate by type of crime¹⁶

+ Indicators are usually a population-based measurement with a numerator, denominator, and time period, ideally capable of being stratified by population characteristics (race/ethnicity for assessment of inequity) or geography; Benchmarks are levels of an indicator that a deemed as acceptable or represent a goal.

* Data source being researched

Indicator used in two domains

† Indicator is a behavioral risk factor; an additional indicator of the built environment (upstream) is paired with this indicator

Data Source/Notes	Geographic Scale	Frequency of Update
1. Numerator(SWITRS)/Denominator (Census/DOF population or travel surveys mile walked/biked/driven)	City/Census place	Annual with DOF denom. Decade with travel survey
2. Metropolitan Transportation Commission. BASSTEGG, 2006 and other MPO models/Census population	Census tract	5- 10 years MPO model
3. Transit asset inventory (UC Davis/SafeTREC-UCB) others/GIS buffering to identify census tracts/TAZ not meeting criteria	Census tract or finer	Annual
4. US Census (American Community Survey)	Census tract	Annual, based on 5-10 year moving average
5. Board of Equalization (GIS buffering to identify food deserts) and Census;	Census tract	Annual
6. California Health Interview Survey (CHIS)	County	2-4 years
7. Neighborhood public services include: childcare/daycare, community garden, hospital and public health clinic, library, open spaces, neighborhood or regional parks of 1/2 acre or more, performance/cultural space, post office, public art, recreational facility, and public school.	Census tract	Annual
Neighborhood serving retail includes: auto repair, banks/credit unions, beauty salon/barber		

<p>shop, bike repair, dry cleaner, eating establishments, gym/fitness center, hardware store, laundromat, pharmacy, retail food market (including supermarket, produce store, and other retail food stores), entertainment (i.e. video store or movie theater).</p>		
<p>8. Office of Patient Advocate, State of California; Healthcare Effectiveness Data Information Set (HEDIS indicators)</p>	<p>County, and medical group areas</p>	<p>Annual</p>
<p>9. Office of Statewide Health Planning and Development, Patient Discharge Data</p>	<p>Zip code</p>	<p>Annual</p>
<p>10. California Department of Education</p>	<p>School district</p>	<p>Annual</p>
<p>11. California Occupational Health & Safety Administration, Employers First Report of Injury; Pesticide Illness: Pesticide Illness Reports, California Department of Agriculture;</p>	<p>County?</p>	<p>Annual</p>
<p>12. Various California school districts SF, Oakland, Santa Clara Co., San Mateo) using the Kindergarten Observation Form. Applied Social Research, San Jose</p>	<p>School district</p>	<p>Periodic</p>
<p>13. California Healthy Kids Survey, WestEd/California Department of Education</p>	<p>School district</p>	<p>Annual (at option of school district)</p>
<p>14. California Community Licensing Division</p>	<p>City</p>	<p>Annual</p>
<p>15. Secretary of State</p>	<p>Assembly, Senate districts, County</p>	<p>Annual</p>
<p>16. Local police departments and California Department of Justice</p>	<p>Census tract (local police department)</p>	<p>Annual</p>
<p>17. California Department of Social Services</p>	<p>Zip code</p>	<p>Annual</p>
<p>18. California's air quality management districts</p>	<p>Catchment areas of district monitors</p>	<p>Annual</p>
<p>19. US EPA, Toxic Release Inventory</p>	<p>Zip code</p>	<p>Annual</p>
<p>20. California Department of Agriculture, County Agricultural Commissioners</p>	<p>County</p>	<p>Annual</p>
