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When it comes to health, place matters.

Where we live, including the physical and social environments that surround us, influences health in both positive and negative ways.
Interactive map of over 100 variables to explore neighborhood-level characteristics and see how they relate to health at a population level.

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Health Atlas features:

- Census tract, zip code, place, and county level maps
- 2010 Census and 2020 Census geographies
- Comparison of two variables
- Visualization of data distributions
- Custom area selection
- Data export
- Detailed data descriptions
- Data stories

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Demographic

Health and Healthcare

Socioeconomic

Neighborhood

Community
Data Sources

- American Community Survey
- Los Angeles Times
- California Department of Public Health (CDPH), Coronavirus Science Branch
- CDC PLACES
- CDPH Healthy Communities Data and Indicators Project
- Feeding America Map the Meal Gap
- California Neighborhoods Data System
- Opportunity Atlas
- CDC National Vital Statistics System
- HUD Comprehensive Housing Affordability Strategy Data
- Eviction Lab
- Cal EnviroScreen
- USDA Economic Research Service
- USDA Food Access Research Atlas
- Centers for Disease Control National Vital Statistics System
- Health Resources and Services Administration, National Health Service Corps
- CDPH Climate Change and Health Vulnerability Indicators for California
- UC Berkeley Labor Center
- National Historical Geographic Information System
- Public Health Alliance of Southern CA
- University of Michigan, Institute for Social Research
- National Cancer Institute grants U01 CA164973 & 5U01CA164973-08
Visualizing one variable

Poverty among all individuals: 13.4%

Poverty among all families: 9.0%

Poverty among all families with children under 6: 11.4%

Poverty among all individuals: 13.4%

Percent of the population with income below poverty level in the past 12 months (American Community Survey 5-Year Estimates, 2015-2019)

Poverty among individuals under 18: 18.1%

Poverty among individuals over 65: 10.2%

Extremely low income households: 10.2%

Add a second characteristic
Comparing two variables

Poverty among all individuals: 13.4%

Asthma: 9.0%

Health and Health Care

Health Outcomes

- Disability: 10.6%
- Arthritis: 20.2%
- High blood pressure: 27.0%
- Asthma: 9.0%

Current asthma among adults over 18 (PLACES Project, Centers for Disease Control and Prevention, 2020)

Coronary heart disease: 5.1%
Exploring data distributions

Poverty among all individuals: 13.4%

Asthma: 9.0%

Health and Health Care

Health Outcomes

Disability: 10.6%

Arthritis: 20.2%

High blood pressure: 27.0%

Asthma: 9.0%

Current asthma among adults over 18 (PLACES Project, Centers for Disease Control and Prevention, 2020)

Coronary heart disease: 5.1%
Custom area selection

Poverty among all individuals: 17.8% (13.4%)

Asthma: 9.4% (9.0%)

Health and Health Care

Health Outcomes

Disability: 10.5% (10.6%)

Arthritis: 19.2% (20.2%)

High blood pressure: 31.3% (27.0%)

Asthma: 9.4% (9.0%)

Current asthma among adults over 18 (PLACE Project, Centers for Disease Control and Prevention, 2020)

Coronary heart disease: 5.5% (8.1%)
Selecting common areas

- **Bay Area Counties**
  - Switch to counties to select areas from this group.

- **California Census Regions**
  - Switch to counties to select areas from this group.

- **Helen Diller Family Comprehensive Cancer Center Catchment Area**
  - Switch to counties to select areas from this group.

- **Greater Bay Area Cancer Registry (GBACR) counties**
  - Switch to counties to select areas from this group.

- **Historical Redlining Areas**
  - Los Angeles-Long Beach
  - San Francisco-Oakland-Hayward
  - San Diego-Carlsbad
  - San Jose-Sunnyvale-Santa Clara
  - Sacramento--Roseville--Arden-Arcade
  - Fresno
  - Stockton-Lodi
Exporting data
Explore maps
Demographic Data

Age
- % Under 5 years old
- % Under 18 years old
- % 18-39 years old
- % 40-64 years old
- % 18-64 years old
- % Over 65 years old

Sex
- % Female
- % Male

Race/ethnicity
- % NH White
- % Black
- % Native American
- % Arab
- % Native Hawaiian and Other Pacific Islander
- % Multiracial
- % Latinx
- % Mexican
- % Puerto Rican
- % Central American
- % Guatemalan
- % Salvadorian
- % South American
- % Asian
- % Southeast Asian
- % Filipino
- % Vietnamese
- % East Asian
- % Chinese
- % Japanese
- % Korean
- % South Asian
- % South Asian
Socioeconomic Data

- SNAP benefits
- Food insecurity
- Preschool enrollment
- No Automobile Access

Socioeconomic Indices
- Neighborhood socioeconomic status
- Social Vulnerability Index
- Healthy Places Index
- Childhood Opportunity Index
- Index of Concentration at the Extremes

Poverty
- Poverty among all families
- Poverty among all families with children under 5
- Poverty among all individuals
- Poverty among individuals under 18
- Poverty among individuals over 65
- Extremely low income households

- Worker earning low wages by place of residence
- Workers earning low wages by place of work
- Persistent poverty

Unemployment
- Unemployed (2015-2019)

Digital Access
- Households with no computer
- Households with no broadband internet

Educational Attainment
- Less than high school
- Some college or more
- Bachelors or higher
Community Data

- Households with children under 18
- Single Adult Households
- Population density
- Total population
- Incarceration rate
- Seniors living alone
- Linguistically isolated seniors

**Ethnic Enclaves and language use**

- Asian ethnic enclaves
- Latinx ethnic enclaves
- Foreign born
- Limited English proficiency
- Speak language other than English at home
- Spanish speakers
- East and Southeast Asian language speakers
Neighborhood Data

- Rural/Urban
- **Housing**
  - Owner occupied housing units
  - Renter occupied housing units
  - Vacant housing units
  - Overcrowding
  - Severe rent burden
  - Severe mortgage burden
  - Severe rent burden among ELI households
  - Median rent
  - Eviction rate
  - Eviction filing rate
  - Historical Redlining
- **Built Environment**
  - Street connectivity
  - Transit access
  - Retail food environment
- **Food desert**
- **Environmental Health**
  - Traffic density
  - Ozone
  - PM 2.5
  - Diesel
  - Drinking water
  - Pesticides
  - Estimated heat days
  - Current wildfire risk

Spanish speakers + Overcrowding
Health and Healthcare Data

Health Outcomes
- Disability
- Arthritis
- Asthma
- High blood pressure
- High cholesterol
- Chronic kidney disease
- Chronic obstructive pulmonary
- Coronary heart disease
- Diabetes
- Poor mental health
- Poor physical health
- Stroke
- Obesity
- Low birthweight infants
- Asthma ER admissions
- Heart attack ER admissions

Health Behaviors
- Binge drinking
- Current smoking
- Physical inactivity
- Sleep more than 7 hours

Health Care Access
- Uninsured
- Uninsured among under 19
- Health Professional Shortage Areas

Healthcare Use
- Annual checkup
- Dental visit
- Taking BP medication
- Cholesterol screening
- Mammography
- Cervical cancer screening
- Colorectal cancer screening
- Preventive care (men)
- Preventive care (women)
COVID-19 Data

Vaccination (from 12/15/20)
- At least one COVID-19 vaccine dose
- Percent with at least one COVID-19 vaccine dose
- Fully vaccinated for COVID-19
- Percent fully vaccinated for COVID-19
- Weekly new COVID-19 vaccine doses per 10,000 people
- COVID-19 Vaccine Equity Metric Quartile

Deaths (from 1/26/20)
- COVID-19 deaths
- COVID-19 deaths per 100,000
- Weekly new COVID-19 deaths
- Weekly new COVID-19 deaths per 100,000

Cases (from 1/26/20)
- COVID-19 cases
- COVID-19 cases per 100,000
- Weekly new COVID-19 cases
- Weekly new COVID-19 cases

Hospitalization (from 4/1/20)
- COVID-19 hospitalized patients
- COVID-19 hospitalized patients per 100,000
- COVID-19 ICU patients
- COVID-19 ICU patients per 100,000
Project Team

UCSF School of Medicine Dean’s Office of Population Health and Health Equity
- Kirsten Bibbins-Domingo
- Courtney Lyles
- Debby Oh
- Dan Meltzer
- Kathryn Kemper
- Riya Desai
- Mindy DeRouen
- Alice Fishman
- Salma Shariff-Marco
- Scarlett Gomez
- Jessica Fields

Data Stories
- EatSF
- UCSF Benioff Homelessness and Housing Initiative
- UCSF DREAM Lab

Website
- Stamen Design
- Plain Language Health