Agenda

• Introduction to the Healthy Places Index (HPI)
  – History & Methodology
  – Key Features & Functions

• Using HPI for ATP Applications
  – Characterizing Disadvantaged Communities
  – Defining Project Areas
  – Identifying Local Health Concerns

• Current Use Cases
• New Features & Functions
  – COVID-19 HPI Resource Map
  – Platform Updates
Every Californian should have the opportunity to live a healthy life.
CDC’s Social Determinants of Health
How can we QUANTIFY and COMMUNICATE the impact of community conditions to spur policy action?
California Healthy Places Index (HPI)
Alignment with Social Determinants of Health

CDC’s Social Determinants of Health

- Economic Stability
- Education
- Social and Community Context
- Health and Health Care
- Neighborhood and Built Environment

California Healthy Places Index Policy Action Areas

- Economic
- Education
- Transportation
- Social
- Neighborhood
- Housing
- Clean Environment
- Healthcare
HPI’s Unique Approach

Granular
Fine geographic resolution reveals the variation *within* cities, counties, and communities

Policy Solutions
Each indicator is supported by a wealth of policy solutions detailed in our Policy Guides

Validated
Each indicator – and the overall index – is linked to a summary health outcome: *life expectancy at birth*
Final California Healthy Places Index

Comprises **25 indicators** that represent community conditions at the Census tract level, grouped into eight **Policy Action Areas**.

### Economic
- 32%
  - Employed
  - Income Above Poverty

### Education
- 19%
  - In Pre-School
  - In High School
  - Bachelor’s Education or Higher

### Transportation
- 16%
  - Automobile Access
  - Active Commuting

### Social
- 10%
  - Two Parent Household
  - Voting in 2012

### Neighborhood
- 8%
  - Retail Density
  - Park Access
  - Tree Canopy
  - Supermarket Access
  - Alcohol Outlets

### Housing
- 5%
  - Low-Income Renter Severe Housing Cost Burden
  - Low-Income Homeowner Severe Housing Cost Burden
  - Housing Habitability
  - Uncrowded Housing
  - Homeownership

### Clean Environment
- 5%
  - Ozone
  - PM 2.5
  - Diesel PM
  - Water Contaminants

### Healthcare Access
- 5%
  - Insured Adults
From Data to Action Using HPI
From Data to Action Using HPI
Indicator Details Link to Policy Actions

The California Healthy Places Index (HPI)™
The California Healthy Places Index (HPI)™

Above Poverty

How does this tract compare?
This tract

Healthy Conditions
This tract has a high percentage of people earning more than the federal poverty level (200% is often used to measure poverty in California due to high costs of living) than just 11.8% of other California census tracts.

What does this indicator measure?
Percent of people earning more than 200% of federal poverty level (200% is often used to measure poverty in California due to high costs of living)
In this tract, 28.80% of people have an income exceeding 200% of the federal poverty level.

What is the connection to health?
Every person should be able to attain the highest possible level of health. Healthy communities have healthy food, clean water, housing, education, and other basics. Research indicates that economic opportunity is one of the most powerful predictors of good health. Income and poverty are especially pronounced for people in rural poverty.

Policy actions to address this indicator
Economic Opportunities
- Raise Wages and Benefits
- Build Wealth
- Build Workforce Development and FIndwork
Actionable Policy Guides

Economic Opportunity

Raise workplace standards and wages to ensure that workers can stay out of poverty.

Find the policies that are right for you.

Several policy recommendations to consider
### Extensive Policy Options

**ONE policy guide = MANY recommendations**

<table>
<thead>
<tr>
<th>Raise Wages &amp; Benefits</th>
<th>Build Workforce Development</th>
<th>Build Wealth</th>
<th>Develop Community Economic Capacity</th>
<th>Improve Transportation Access</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Wage Ordinances</td>
<td>Job-Focused Basic Skill Training Programs</td>
<td>Predatory Lending Ordinances</td>
<td>Industrial Land Preservation Strategies</td>
<td>Transportation for Economic Opportunity</td>
</tr>
<tr>
<td>Living Wage Ordinances</td>
<td>Industry Driven, Sector-Based Training Programs</td>
<td>Flexible, Low-Cost and Supportive Financial Products</td>
<td>Middle-Wage Job Creation Strategies</td>
<td>Improving Transit Service</td>
</tr>
<tr>
<td>Wage Theft Policies</td>
<td>Ban the Box Policies</td>
<td>Financial Coaching</td>
<td>Small Business Retention Initiatives</td>
<td>Transit &amp; Mobility Passes</td>
</tr>
<tr>
<td>Paid Sick Day Policies</td>
<td>Paid Job Training and Placement Programs</td>
<td>Individual Development Accounts/Matched Savings Accounts</td>
<td>Worker Cooperative Support Initiatives</td>
<td>Provide Equitable, Low Cost Shared Mobility Services</td>
</tr>
<tr>
<td>Early Childhood Education</td>
<td>Tax Preparation &amp; Outreach Programs</td>
<td>Microenterprise Support Programs</td>
<td></td>
<td>Support for Walking &amp; Biking</td>
</tr>
<tr>
<td>High School Education</td>
<td>Homeownership Programs</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
HPI Policy Guides

- Employed
- Median Income
- Above Poverty
- Preschool Enrollment
- HS Enrollment
- Bachelor’s Education
- Automobile Access
- Active Commuting
- 2-Parent Households
- Voting
- Retail Density
- Park Access
- Tree Canopy
- Supermarket Access
- Alcohol Availability
- Low-Income Renter Housing
- Low-Income Homeowner Housing Cost Burden
- Housing Habitability
- Uncrowded Housing
- Homeownership
- Ozone
- Fine Particulate Matter
- Diesel Particulate Matter
- Safe Drinking Water
- Insured Adults
- Extreme Heat
- Impervious Surfaces
- Outdoor Workers
- Public Transit Access
- Sea Level Rise
Do More With The HPI

- View data at multiple geographies
- Dive deep into local data with comprehensive decision support layers
- Quickly identify high- and low-ranked places
- Define custom project areas
- Upload your own data
How-To Videos

• Step-by-step how-to videos

• Brief 2-6 minute tutorials

• For non-technical audiences

HealthyPlacesIndex.org/how-to/
Characterizing Disadvantaged Communities

Healthy Places Index (HPI): The Index includes a composite score for each census tract in the State. The higher the score, the healthier the community conditions based on 25 community characteristics. The scores are then converted to a percentile to compare it to other tracts in the State. A census tract must be in the 25th percentile or less to qualify as a disadvantaged community.
Statement of Need
The local health concerns responses should focus on:

– Specific local public health concerns, health disparity, and/or conditions in the built and social environment that affect the project community and can be addressed through the proposed project.

– Local public health data demonstrating the above public health concern or health disparity. Data should be at the smallest geography available (state or national data is not sufficient). One potential source is the Healthy Places Index (HPI).
Identifying Disadvantaged Communities
Decision Support Layers for Health Outcomes
Ranking
Custom Project Areas
HPI Into Action Statewide

Over $450 million in grant funding

**EQUITABLE GRANT MAKING**
- Caltrans
  - Sustainable Transportation Planning Grants ($25M/yr)
  - Adaptation Planning Grants ($6M/yr)
- California Strategic Growth Council
  - Transformative Climate Communities ($25M in 2018)
- California Transportation Commission
  - Active Transportation Program (~$220M/yr)
- California Air Resources Board
  - Community Air Protection Program ($5M/yr)

**ASSESSMENT & DECISION-MAKING**
- California Department of Public Health (CDPH) – Nutrition & Obesity Prevention
  - Development of 3-Year Implementation Workplans
- CDPH – Maternal, Child and Adolescent Health Division
  - Community Birth Plan to Reduce Preterm Births in African American Women in Los Angeles
- CDPH – Office of Health Equity
  - Mortality Rates Among Caucasian Men in Central San Joaquin Valley
- California Air Resources Board
  - Research Call – Mapping and Evaluating Transportation Access and Built Environment

**PLANNING GUIDANCE**
- Governor’s Office of Planning & Research
  - General Plan Guidelines
  - Senate Bill 1000 Guidance
  - Integrated Climate Adaptation – CA Executive Order B-30-15
  - Resilient CA – State Adaptation Clearinghouse
- California Natural Resources Agency
  - Safeguarding California Plan
- California Transportation Commission
  - Regional Transportation Plan Guidelines
  - Comprehensive Multimodal Corridor Guidelines
- California Environmental Justice Alliance
  - SB 1000 Toolkit – Environmental Justice Element
HPI Into Action Locally & Regionally

Prioritizing Investments
- Southern California Association of Governments
  Sustainable Communities Planning Grants
- Kaiser Permanente, Southern California
  Mental Health & Wellness Initiative: Local Partnership Grants
- Riverside University Health System – Public Health
  Adverse Childhood Experiences Score Program
  Census Tract Identification for Increased Women, Infant & Children Program Outreach
- Ventura – Community Memorial Health System
  Wellness Collaborations - Prioritization by Census Tracts
- Contra Costa County, Department of Public Health
  Targeting Home Energy Efficiency Resources

Health Assessments
- Kaiser Permanente, Southern California
  Catalyst of Organizational Assessment and Equity Framing
  Community Health Needs Assessment
- Los Angeles County Department of Public Health
  85+ City and Community Health Profiles
- Santa Barbara County Public Health Department
  Presentations on Federal Budget Impacts on Health, and Community Health Needs Assessment
- Santa Monica – St. John’s Medical Center
  Community Health Needs Assessment
- Solano County Public Health Department
  Local Community Indicator Comparison Project
- Sutter County Public Health Department
  Community Health Assessment, Community Health Improvement Plan, and Strategic Plan

Integrating Public Health
- Southern California Association of Governments
  2016 and 2020 Regional Transportation Plan
  Active Transportation Database
- Prevention Institute – Healthy, Equitable, Active Land Use Network
  Strategic Planning Guide for Public Infrastructure Spending
- Hospital Association of Southern California
  Communities Lifting Communities Initiative
- Ventura County
  General Plan 2040 Update
- Solano County Public Health Department
  Maternal and Child Health Verification of Cumulative Health Impacts from Social Factors
Example: Riverside ATP Grant

- Used the Healthy Places Index for DAC identification
- Focused on Safe Routes to School Program
New! COVID-19 HPI Resource Map

- 48 COVID-19 related indicators *plus* our core HPI
- Daily case and death counts for every county in California
- Death rates by race/ethnicity (where available)

[covid19.healthyplacesindex.org](covid19.healthyplacesindex.org)
# COVID-19 HPI Resource Map Indicators

## Cumulative County COVID-19 Counts
- COVID-19 cases
- COVID-19 Deaths and Death Rate by Race/Ethnicity

## COVID-19 Vulnerable Populations
- Six indicators describing elderly populations, including seniors with Disabilities, Seniors Living Alone, Linguistically isolated Seniors, and Seniors in Poverty
- Other populations at high risk, such as Outdoor Workers, the Chronically Disabled, and Students Eligible for Free & Reduced Meal Programs

## COVID-19-Associated Health Risk Factors
- Population distribution of chronic conditions like High Blood Pressure, Asthma, Coronary Heart Disease, Diabetes, Obesity, Chronic Kidney Disease, and Chronic Obstructive Pulmonary Disease
- Population distribution of health risk behaviors, such as Smoking and Poor Physical Health

## Healthcare Infrastructure
- Hospital Beds per Capita
- Medically Underserved Areas
- Health Professional Shortage Areas

## Socioeconomic & Community Conditions
- Adults with Health Insurance
- Measures of Housing Security (Habitability, Crowdedness, and Cost Burden)
- Income, Poverty, and Unemployment
- Pollution (PM 2.5)
- Active Commuting
- Park and Supermarket Access

## Race / Ethnicity
- Asians
- Blacks
- Latinos
- Two or More Races
- American Indians/Alaskan Natives
- Some Other Races
- Native Hawaiians or Other Pacific Islanders
- Whites
Coming Soon: New HPI Features

- Streamlined user interface
- Support for longitudinal data
- API keys
- Improved handling of uploaded data
- Expanded export & sharing functions

Join our mailing list for updates:
HealthyPlacesIndex.org/mailing-list/
Thank you!

The California Healthy Places Index (HPI)™
public health alliance of southern california  A Partnership for Healthy Places

CONNECT WITH THE ALLIANCE
Bsadler@PHI.org  |  Helen.Dowling@PHI.org

HPI ON THE WEB
HealthyPlacesIndex.org  |  Map.HealthyPlacesIndex.org

THANKS TO OUR FUNDERS
The California Endowment  |  Kaiser Permanente of Southern California