Healthy Places Index™ (HPI)

HPI into Action

As of January 2023

Since 2018, HPI has been used to allocate **more than 2.3 billion dollars** from state and local agencies, health care and philanthropy, directing resources to communities most in need. Using a unique, asset-based, positive frame, the HPI focuses on community health *opportunity*, not disadvantage. HPI reinforces that community conditions are often rooted in structural racism and historic disinvestment. HPI data and maps provide a critical tool to identify neighborhoods most acutely impacted by historical disinvestment and the COVID-19 pandemic, and link them directly to policy action and funding opportunities. HPI has already been utilized by more than 100 government agencies, health care institutions, community groups and other sectors for a variety of different purposes, including transportation planning, climate vulnerability analysis, philanthropic grantmaking, and hospital community health needs assessments. Highlights include the California Department of Public Health's Office of Health Equity and Nutrition Education and Obesity Prevention Division, California Air Resources Board, California Transportation Commission, Strategic Growth Council's climate vulnerability initiatives, multiple health plans, and the Hospital Association of Southern California. Most notably, the State of California used HPI as part of its Blueprint for a Safer Economy Health Equity Metric and Vaccine Equity Metric. HPI is also being used as part of many local and State COVID-19 response efforts to target interventions and prioritize investments. HPI has been well-received and supported among many community-based organizations in California focused on equity, including the Asian Pacific Environmental Network, Latino Coalition for a Health California, Greenlining Institute, California Pan-Ethnic Health Network, and ClimatePlan.

A full list of use cases is provided below.

How Organizations Are Using HPI	Organization/Location
Community Health Assessments (Public Health Departments)	
CDPH is using HPI as part of Community Health Assessment and Improvement Planning	California Department of Public Health
In partnership with Huntington Health, the City of Pasadena Public Health Department included HPI scores as part of its evaluation of the Social Determinants of Health within its 2022 Community Health Needs Assessment.	City of Pasadena Public Health Department
Santa Barbara County has used HPI as part of its Community Health Needs Assessment.	Santa Barbara County Public Health Department

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How Organizations Are Using HPI	Organization/Location
Community Health Assessments (Public Health Departments)	
The San Joaquin County Public Health Department used HPI extensively in creating their Priority Neighborhoods in their joint 2019 CHNA/CHIP. The goal is to collectively seek/provide resources for these most disadvantaged neighborhoods.	San Joaquin County Public Health Services
Sutter County's public health department is using HPI to inform their community health assessment as well as to help us make decisions during planning for our community health improvement plan and strategic plan.	Sutter County Public Health Department
Using HPI data to inform their Community Health Assessment, as well as its CHIP and strategic planning.	Tulare County Public Health
The HPI is used as a key part of Tehama County Healthy Services Agency's CHA, as well as Health Equity Planning.	Tehama County Health Services Agency
Siskiyou County Public Health Department primarily has used the HPI in its CHA. The CHA is then used in grant applications and CHIP/strategic planning.	Siskiyou County Public Health Department
Napa County HHSA uses HPI in health assessments, grant writing, and collaboration for long term planning projects.	Napa County HHSA
Community Health Needs Assessments (Non-Profit Hospitals)	
Blue Shield of California is using HPI to identify community health risks for vulnerable populations and target interventions based on social determinants, including as part of Community Health Needs Assessments. They also use HPI for program planning.	Blue Shield of California
The Community Action Partnership of Orange County used the Healthy Places Index as part of its criteria for assessing the health of communities in its 2021 Community Health Needs Assessment.	Community Action Partnership of Orange County
Dignity Health used the HPI in its 2022 Community Health Needs Assessment of Siskiyou County.	Dignity Health
Enloe Medical Center used the Healthy Places Index as part of its 2022 Community Health Needs Assessment.	Enloe Medical Center
The Healthy Places Index was utilized by the Hospital Association of San Diego and Imperial Counties as part of the quantitative data identification of high-need areas in its 2022 Community Health Assessment of San Diego County.	Hospital Association of San Diego and Imperial Counties

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How Organizations Are Using HPI	Organization/Location
In partnership with the City of Pasadena Public Health, Huntington Health included HPI scores as part of its evaluation of the Social Determinants of Health within its 2022 Community Health Needs Assessment.	Huntington Health
Kaiser Permanente is using HPI as part of their Catalyst of Organizational Assessment and Equity Framing Community Health Needs Assessment.	Kaiser Permanente Southern California
Community Health Needs Assessments (Non-Profit Hospitals)	
PIH Health Hospitals has used HPI in two of its Community Health Needs Assessments: Downey (p. 42) and Whitter (p. 38).	PIH Health Hospitals
St. John's Medical Center used the HPI as part of its 2019 Community Health Needs Assessment.	St. John's Medical Center in Santa Monica
UC Davis Health used the HPI as part of its 2022 Community Health Needs Assessment to evaluate the overall health and well-being of the communities and compare the factors influencing health between communities.	UC Davis Health
UCSF Benioff Children's Hospital Oakland included HPI data to identify priority communities in its 2022 Community Health Needs Assessment.	UCSF Benioff Children's Hospital Oakland
The HPI was utilized by the Ventura County Community Health Improvement Collaborative as part of the guiding framework of its 2022 Community Health Needs Assessment.	Ventura County Community Health Improvement Collaborative
Healthcare	
The Alliance Healthcare Foundation is using HPI as part of its review of grant applications for its Mission Support funding program. They have future plans to use HPI in their work in partnerships with hospitals, government agencies, and community organizations in service of strategically targeting health disparities.	Alliance Healthcare Foundation
BETA Healthcare Group is researching key indicators for analysis of health for their California member counties. They are using HPI to learn how the counties in which the organizations are located compare to the rest of California. Key indicators they are examining are: percentage of residents above the poverty line, percentage of residents with health care access, and percentage of insured residents.	BETA Healthcare Group
HPI is being integrated into CalHospital Compare ratings and recommended as a tool to identify social needs and vulnerable populations.	CalHospital Compare

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How Organizations Are Using HPI	Organization/Location
The California Health Care Safety Net Institute is incorporating HPI into a demographic profile of CA's public health care system's patient population.	California Health Care Safety Net Institute

Healthcare	
The California Hospital Association is doing analysis to align Healthy Places Index data with the hospital metrics they use on Cal Hospital Compare, including leveraging HPI data for a given hospital's referral region.	California Hospital Association
Cal Optima is using the HPI to better understand community conditions in Orange County and how they compare to the rest of the state.	Cal Optima
Cedars Sinai uses the HPI in health equity analytics to reduce disparities and improve population health among their patients and local community. A researcher is also using the HPI to explore intricacies of heart transplant outcomes, genetic code and zip code.	Cedars-Sinai
Centene is using HPI domain scores as indicators of SDOH at the community level.	Centene
The Center for Care Innovations is inviting FQHCs, Rural Health Clinics, and Native American Health Centers to apply for a grant to join a "test to treat" Program for COVID-19. Their plan is to prioritize outreach and grant acceptances for clinics and centers based on HPI scores, so they can direct funding to communities with lower HPI percentiles. Simply stated: they want to use HPI to help us be more equitable with our grant funding.	Center for Care Innovations
A Federally Qualified Community Health Center in Salinas (Clinica de Salud del Valle de Salinas) is incorporating clinical data such as UDC, Infectious Diseases, morbidity and mortality into HPI.	Clinica de Salud del Valle de Salinas, an FQHC in Salinas, CA
Community Health Group integrates HPI data for population health management and intervention development	Community Health Group

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How Organizations Are Using HPI	Organization/Location
Community Memorial Health System is exploring opportunities for wellness collaborations with community partners. Census tract data identified a high need area that would otherwise have been masked in a zip code or school district analysis.	Community Memorial Health System in Ventura
HealthNet has created a Social Determinants of Health toolkit that lists HPI first among tools for conducting an SDOH analysis on a geography of interest. Their cultural competency officer has also vetted HPI and is training staff on using it in their work. They are also using it as part of their work with the California Accountable Communities for Health Initiative (CACHI) sites.	HealthNet
Healthcare	
HealthNet looks at HPI score across their membership when evaluating geographic disparities in outcomes and access. The full data file provides insight into which domains drive the SDOH and subsequent HPI score in a particular geography.	HealthNet
HPI included in survey of indices of disadvantage. CDPH and HASC are using the HPI to explore the social and economic conditions that affect health in communities with high preterm birth outcomes among African American women in order to develop comprehensive strategies, including clinical and upstream social determinants of health, to address disparities.	Hospital Association of Southern California
IBM Watson Health used HPI to assess hospital social risk	IBM Watson Health
IEHP, a Medi-Cal managed care plan, is utilizing HPI as part of its strategic planning	Inland Empire Health Plan
John Muir Health, a Federally Qualified Health Center (FQHC), used HPI's hyper-local granular data to prioritize the locations and rollout of their Mobile Health Clinic for vaccine distribution. They have specifically directed their outreach to communities in the lowest HPI quartile – which are primarily communities of color – with the least healthy community conditions. They have been able to vaccinate many high-risk and hard-to-reach populations by using HPI maps to focus on specific areas within their network area.	John Muir Health
KP has used HPI to drive their strategy around vaccinations. Their COVID-19 Vaccine Equity Toolkit highlights HPI as an index to use for Metrics and Reporting on equity in vaccine distribution and prioritization.	Kaiser Permanente

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How Organizations Are Using HPI	Organization/Location
Kaiser Permanente's Community Health team and partners in Equity, Inclusion, and Diversity (EID) implemented inclusion of HPI percentiles in KP's panel management system across the southern CA region. As a result, estimated HPI percentiles now pop up alongside clinical data for most members when KP doctors are reviewing their panels.	Kaiser Permanente Southern California

Healthcare	
KP has used HPI and their member data to help their hospital leaders in a community-based vaccine allocation project, as well as in a study on household transmission risk where they found HPI to be a strong factor. They have shared with the HPI team that HPI has played a pivotal role in helping to target communities for equitable vaccination (both in outreach and allocation of resources such as pop-up clinics and mobile health vehicles). They have also shared their approach with other KP regions and our national office, and have also used HPI when assisting partners with COVID vaccination messaging campaigns. They are continuing to update their targeting methodology as the dynamics of the pandemic (and our understandings of it) change, but HPI remains a centerpiece of their approach.	Kaiser Permanente Southern California
To be eligible for its Mental Health and Wellness Initiative: Local Partnership Grants program, KP requires applicants to use HPI to identify under-resourced communities within their service areas. $6 million was available in the first round announced in 2018.	Kaiser Permanente, Southern California
LA is working on a project using some social determinants of health data to understand their Medi-Cal members' health profiles better. This includes an examination of HPI scores, its domain variables scores and individual indicator scores on a census tract level.	LA Care
The Loma Linda University School of Pharmacy has received a $20,000 National Association of Chain Drug Stores Foundation grant to mobilize vaccine teams to deliver vaccines to communities of color in Southern California. Using the funding, LLUSP plans to improve vaccine access and vaccination rates in communities identified in the lowest quartiles of the HPI.	Loma Linda University School of Pharmacy
Using the HPI to better understand the neighborhoods in which their consumers in order to provide better services.	Pacific Clinics
Partnership Health Plan of California is using HPI as part of its Population Health Management Strategy	Partnership Health Plan
RHUS is investigating if/how markers of social vulnerability affect limb salvage outcomes in vascular surgery.	Riverside University Health System

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How Organizations Are Using HPI	Organization/Location
Healthcare	
SFHP is the Medi-Cal local health plan for San Francisco County. They are using HPI data to better understand member health care needs from a whole person and population health management perspective.	San Francisco Health Plan (SFHP)
Sharp (a San Diego based healthcare company) is using the HPI to look at health equity data for their patient population in SoCal.	Sharp
Stanford Healthcare is using HPI to stratify their internal Key Performance Indicators (KPIs) by HPI quartiles.	Stanford Healthcare
Sutter Health, a non-for-profit healthcare system caring for three million patients, has employed data from the HPI as part of its increased commitment to achieving health equity to monitor equitable vaccine uptake. The data has helped determine vaccination levels to overcome COVID's disproportionate impacts on hardest-hit groups based on race/ethnicity, age, and socioeconomic status.	Sutter Health, as featured in Modern Healthcare
Several teams across UCLA Health are exploring HPI data, including integrating HPI their existing Social Vulnerability Index and Equality Diversion and Inclusion measures/data to help determine which of their patient populations are needing more support so they can improve and provide better healthcare.	UCLA Health
UCSD Health uses HPI to identify patients who may be negatively impacted by social determinants of health	UCSD Health
The USCF Fresno Emergency Medicine department is conducting a vulnerability and adaptation assessment and plan to use the HPI to identify different population vulnerabilities	USCF Fresno Emergency Medicine Department
The Live Well Community Marketing Team is using HPI to map rates of obesity, diabetes and heart disease in its service area.	Vista Community Clinic

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How Organizations Are Using HPI	Organization/Location
State Government	
Grant Programs	
The Community Air Protection Program, created by Assembly Bill 617 (2017), lists HPI as a tool to help guide air district assessment and prioritization of communities for funding and community outreach to reduce air pollution improve public health in communities that experience disproportionate burdens from exposure to air pollutants.	California Air Resources Board, 2018, p. B-7 of Appendix B
The California Creative Corps is using HPI to allocate funding for its Administrative Organization Grants. In 2022, $59.4M in funding is available to organizations with the capacity to administer regranting funds to arts and social service organizations and to individual artists and cultural workers throughout the state to develop media, outreach, and engagement campaigns around: (1) public health awareness messages to stop the spread of COVID-19; (2) public awareness related to water and energy conservation, climate mitigation, and emergency preparedness, relief, and recovery; (3) civic engagement, including election participation; and (4) social justice and community engagement.	California Creative Corps
As part of the Heath Equity Metric, local health departments are required to submit Targeted Investment Plans that detail the funding and strategies they will implement in communities most impacted by COVID-19. The initial plans submitted by each local health department total $272 million in investments directed to the lowest HPI quartiles within each jurisdiction.	California Department of Public Health
The State of California has also developed a Vaccine Equity Metric that utilizes HPI to target 40% of vaccine doses to 400 ZIP Codes across the state that have been most impacted by the COVID-19 pandemic.	California Department of Public Health
CDPH has made $5 million in funding available to community-based organizations to implement COVID-19 Health Equity Pilots. Applicants are recommended to use HPI to identify communities to implement these pilots.	California Department of Public Health

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How Organizations Are Using HPI	Organization/Location
A CDPH research scientist is using HPI to examine the association between neighborhood SES where skilled nursing home facilities are located in and the impact of COVID-19 among residents of those facilities.	California Department of Public Health, Center for Healthcare Quality
HPI has been endorsed by the Office of Health Equity for use in grantmaking and other programs that prioritize funding based on health outcomes or health benefits of a project.	California Department of Public Health, Office of Health Equity

State Government

Grant Programs

The California Department of Public Health's Office of Health Equity- Climate Change & Health Equity Program has created the resource, Promoting Public Health through Cross-Sector Funding: Linking Chronic Disease Prevention and Climate Change, which provides an overview of statewide funding opportunities for local health departments to address chronic disease prevention and climate change, as an applicant, sub-applicant, or outreach partner. It also lists HPI as a tool to use in preparing applications for these grant applications.	California Department of Public Health, Office of Health Equity - Climate Change & Health Equity Program
The State of California has developed a Health Equity Metric as part of its Blueprint for a Safer Economy, that utilizes HPI in the identification of testing positivity thresholds for the lowest HPI quartile per tier. By defining the health equity metric in this way, COVID case disparities can be examined between neighborhoods with the most and least opportunities for health.	California Governor's Office and California Department of Public Health
The Active Transportation Program, which funds walking and bicycling projects around the State, recommends use of the Healthy Places Index to help applicants identify how their projects will improve public health	California Transportation Commission, 2018, p. 4 of application
The Sustainable Transportation Planning Grants program, funded with $25 million per year from Senate Bill 1 (2017), suggests the HPI as a tool that can be used to determine whether a project is eligible for the 50% set-aside for disadvantaged communities.	Caltrans, 2017-2019 (p. 13)
The Adaptation Planning Grants program, funded with $6 million per year from Senate Bill 1 (2017), suggests the HPI as a tool that can be used to determine whether a project is eligible for the 50% set-aside for disadvantaged communities.	Caltrans, 2017 (p. 4)

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How Organizations Are Using HPI	Organization/Location
First 5 California state commissioners recently approved an emergency supply investment to counties to assist childcare providers and other local partners. They are allocating resources based on HPI quartiles and burden of disease related to COVID-19.	First 5 California
First 5 California is using HPI data to validate the latest version of the California Strong Start Index, https://strongstartindex.org/ .	First 5 California

State Government

Grant Programs

First 5 California is using HPI to overlay with information about communities with child care facilities participating in Quality Care for Children (QCC)	First 5 California
Starting with Round 6 (2021), the Affordable Housing Sustainable Communities Program encourages applicants to use HPI to "cite key factors contributing to less healthy community conditions from their Healthy Places Index score as community needs that their Project will address."	Strategic Growth Council
The Transformative Climate Communities (TCC) Guidelines require applicants to identify public health outcomes of their project. HPI is one of several tools recommended to identify these outcomes.	Strategic Growth Council, 2017 (p. 18)
As part of its program evaluation of the Transformative Climate Communities (TCC) Grant Program, UCLA is using HPI to evaluate the health benefits of projects from the first cycle.	Strategic Growth Council, UCLA

Plans & Guidelines

CDPH has created a Guide for Engaging Communities for Health Equity and Environmental Justice (PDF) and accompanying Toolkit for Engaging Communities for Health Equity and Environmental Justice (PDF) that offers promising practices and effective strategies for comprehensive community assessments, meaningful partnerships, community-based research, accessible communications, and equity-conscious interventions. One of the recommendations is to create Community Profiles using data, and HPI is recommended as one of the tools to create these profiles.	California Department of Public Health
HPI is listed as a data resource in the California Department of Public Health's list of Violence data sources	California Department of Public Health, Safe & Active Communities Branch

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How Organizations Are Using HPI	Organization/Location
The California Department of Water Resources, County Drought Advisory Group is considering using HPI to identify vulnerable communities.	California Department of Water Resources, County Drought Advisory Group
The California Energy Commission (CEC) may include HPI in their next update to their Energy Equity Indicators	California Energy Commission
HPI is featured as part of the California Health & Human Services Agency's Data Playbook	California Health & Human Services Agency

State Government	
Plans & Guidelines	
California's 4th Climate Change Assessment, Climate Justice Report recommends use of HPI to identify climate vulnerable populations around the State.	California Natural Resources Agency, Governor's Office of Planning & Research, California Energy Commission, 2018
CalOES used HPI as one method to identify communities that might be adversely affected by a disaster.	California Office of Emergency Services
The 2016 update to the Regional Transportation Plan (RTP) Guidelines lists HPI as a tool for integrating public health into regional transportation plans, in the Public Health section (Appendix K)	California Transportation Commission, 2016 (p. 298)
The Comprehensive Multimodal Corridors Plan Guidelines and Corridor Guidebook both highlight HPI as an example of a tool to use in addressing public health and environmental justice concerns.	California Transportation Commission, 2018, p. 13 (guidelines), p. 75 (in Guidebook)
The Capitol Collaborative on Race & Equity (CCORE) uses HPI as part of their racial equity cohort work with multiple State agencies.	Capitol Collaborative on Race & Equity (CCORE)
Covered California is assessing the fit for using HPI for health equity work, including studying the relationships between a member's HPI ZCTA score and outcomes like quality care.	Covered California
The guidance for the Governor's Executive Order B-30-15, developed by OPR's Integrated Climate Adaptation and Research Program, mentions HPI as a way to identify population characteristics and vulnerable populations impacted by climate change when planning infrastructure projects/plans, Fall 2017.	Governor's Office of Planning & Research, 2017, p. 17, 26, 39, 55

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How Organizations Are Using HPI	Organization/Location
The 2017 update to the General Plan Guidelines lists HPI as a resource for "Health Data & Mapping" in its chapter on Planning for Healthy Communities (Chapter 6). As OPR conducts workshops on the new guidelines, they are highlighting use of HPI for use in developing the health and environmental justice elements (the latter is required by Senate Bill 1000, 2016).	Governor's Office of Planning & Research, 2017 (Chapter 6, p. 214)
HPI is recommended by OPR in its SB 1000 Guidance for developing an Environmental Justice Element of a General Plan.	Governor's Office of Planning & Research, 2018, p. 30

State Government	
Plans & Guidelines	
The Healthy Places Index is listed in the State Adaptation Clearinghouse of best practices, available at ResilientCA.org	Governor's Office of Planning & Research, Resilient California, 2018
The Healthy Places Index is recommended for use "by local, regional, and state agencies to prioritize funding, community engagement, jobs, and services for communities facing disproportionate climate and health risks."	Safeguarding California Plan, California Natural Resources Agency, 2018
Christina Prosperi, District 2 Planning GIS Manager, at Caltrans is using HPI data to create a feature layer for an internal, non-public web application to determine DAC locations and inform engagement in early transportation planning phases.	Caltrans
Legislation	
If passed, A.B. 1778, a bill championed by Assemblymember Cristina Garcia to protect sensitive communities from the health and environmental impacts of newly developed freeways, would prohibit Caltrans from using state resources on projects or permit any project that does not meet criteria measured by HPI.	Assembly Bill 1778, as detailed by Streetsblog
Reports & Studies	
The California Air Resources Board's 2018-19 Solicitation for Research Proposals includes a call for research on a "Screening Method and Map for Evaluating Transportation Access Disparities and other Built Environment-related Social Determinants of Health." HPI is listed as one of the tools that should be used to "identify and assess relevant, existing frameworks, tools, and data sources that are used to measure or evaluate social determinants of health linked to the built environment."	California Air Resources Board, 2018-19 Research Concept Solicitation, Addendum A

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CDPH is using HPI to inform the assessment of tuberculosis outbreak patient health equity.	California Department of Public Health
CDPH is using HPI to explore Social Determinants of Health as they relate to STIs	California Department of Public Health

State Government	
Reports & Studies	
Ryan McCorvie at CDPH is using the HPI to forecast future covid immunity by HPI tract.	California Department of Public Health
HPI was recently used as a decision-making tool by the Center for Family Health in the development of one of their Community Birth Plan. The Plan will explore disadvantage and the social determinants of health that may be leading to higher rates of preterm births in African American women in a specific region of LA (6 hospitals).	California Department of Public Health, Center for Family Health
CDPH's Fusion Center has used HPI to measure the correlation for specific causes of death for California Burden of Disease. They also use HPI decision support layers in many research projects.	California Department of Public Health, Center for Family Health
The Maternal, Child and Adolescent Health (MCAH) Division of the California Department of Public Health has released the first report from the California Pregnancy Mortality Surveillance System (CA-PMSS) project. This surveillance report provides the most accurate information on California's pregnancy-related deaths (including those up to one year after the end of pregnancy) occurring from 2008 through 2016. Pregnancy-related mortality was examined within the context of social determinants of health by incorporating the California Healthy Places Index. California is among the first in the nation to include a validated measure of community conditions in the analysis of pregnancy-related mortality. The pregnancy-related mortality ratio was the highest for women living in the least advantaged communities (17.4 deaths per 100,000 live births) and lowest for women living in the most advantaged communities (7.2), as measured by the California Healthy Places Index14, a validated measure of community well-being derived	California Department of Public Health, Maternal, Child and Adolescent Health (MCAH) Division

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from place-based factors linked to health. In 2008-2016, 42% of the women who died from pregnancy related causes lived in the least advantaged communities (Q4 - lowest quartile). Only 10% of the women who died lived in the most advantaged communities (Q1 - highest quartile) in contrast to 19% of California's birthing population. Temporal changes in California births by community conditions were minor and varied based on race/ethnicity (data not shown).

State Government	
Reports & Studies	
CDPH's Office of AIDS is comparing HPI and Social Vulnerability Index data to census-track data of people newly diagnosed with HIV to determine which index and which metrices within the index are the best predictors for determining new HIV infection by census-track. This could have implication for Office of AIDS targeted funding and prevention strategies.	California Department of Public Health, Office of AIDS
CDPH's Office of Health Equity has done a very preliminary analysis of fire risk with HPI as a precursor to examining the equity implications of power shutoff events	California Department of Public Health, Office of Health Equity
HPI is being proposed as a data resource to help inform CDPH as it explores approaches & partnerships to address the alarming trend in mortality rates among Caucasian men, particularly within California's Central San Joaquin Valley, as identified by The California Endowment in their data brief "An Epidemic of White Death: A Canary in the Coal Mine?"	California Department of Public Health, Office of Health Equity, Fusion Center for Strategic Development and External Relations
CDSS is using HPI for the Community Care Licensing Division to better analyze our data trends with equity in mind.	California Department of Social Services
A graduate student researcher at UC Berkeley is working with the California Department of Toxic Substance Control on ways to incorporate environmental justice analyses into the Department's decision making process and are looking at using HPI as part of this process.	California Department of Toxic Substance Control

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In a press release announcing the release of the Asian Pacific Environmental Network's *Mapping Resilience: A Blueprint for Thriving in the Face of Climate Disasters* report, the California Strategic Growth Council endorsed the report.	California Strategic Growth Council
Caltrans staff are using HPI for active transportation analysis.	Caltrans
Caltrans is updating a Corridor Plan within one of their Districts. The HPI is referenced as a performance indicator for how well we, the state, are meeting goals in improving safety, equity, healthy, and livability.	Caltrans
CDPH Office of Aids is using the HPI to profile new HIV/AIDS diagnoses by linking them with social determinants of health present in the HPI, among others (such as the ACS).	California Department of Public Health, Office of AIDS

State Government

Data & Mapping Tools

The California Department of Social Services is integrating HPI into its data sets within the Community Care Licensing Division, Quality Management Bureau (QMB)	California Department of Social Services
HPI will be included in the California State Parks' Community Fact Finder tool, as part of an update to the Statewide Comprehensive Outdoor Recreation Plan.	California State Parks, 2018
The California Burden of Disease Project (CDPH Fusion Center) incorporates the HPI into its Social Determinants analysis	CDPH Fusion Center, 2021

Resources

CDPH has compiled a list of Guidance and Resources for COVID-19, Climate Change, and Health Equity, and HPI is listed as a resource under Community Health Data, Indicators and Tools	California Department of Public Health, 2020

Trainings

The Alliance has conducted trainings for the NEOP division on how to use HPI for SNAP-ED funding decision-making.	California Department of Public Health, Nutrition Education & Obesity Prevention Branch

Regional & Local Government

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Investments

The Bay Area's regional air quality management district proposes using HPI to identify communities that are eligible for the State's Community Air Protection Program Grants, created by AB 617.	Bay Area Air Quality Management District
BAAQMD used HPI to identify communities for the James Cary Smith Community Grants Program	Bay Area Air Quality Management District
The City of Rancho Cordova is using HPI to prioritize infrastructure projects.	City of Rancho Cordova
The City of San Diego Announces $4.75 Million Awarded to Administer California Creative Corps Pilot Program. The grant will help support artists and cultural projects in San Diego and Imperial Counties to increase local awareness of public health, civic engagement, climate and water conservation, and social justice. The campaign's goal is to increase public awareness related to prioritizing the health and well-being of communities within the lowest quartile of the California Healthy Places Index.	City of San Diego

Regional & Local Government

Investments

The City of San Jose is using HPI for use in grant writing and project justification	City of San Jose
Redwood City's City Manager's Office has adopted the CA HPI tool as one of the sources to quickly evaluate and identify areas in need.	City of Redwood City, California
The County of San Bernardino used data from the HPI to focus the efforts of its Emergency Rental Assistance Program to focus on individuals/households that have been the hardest hit by the COVID-19 pandemic.	County of San Bernardino
The San Bernardino County public health department's health has used HPI as a rough indicator of their SDOHs in their communities re: CVS efforts and use with CBOs and COVID vaccine	County of San Bernardino Department of Public Health

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The County of San Diego's COVID-19 Emergency Rental Assistance Program (ERAP) is using HPI as part of its prioritization criteria. The County allocated $100M for this program in March 2021. First priority is given to those who have a household income at or below 50% of the area median income, and those who have one or more household members who have been unemployed for at least 90 days. Secondary prioritization criteria include applicants who live in areas that fall within the bottom two quartiles of HPI.	County of San Diego
The County of Sonoma prioritized residents living in the two lowest HPI quartiles in its COVID-19 Emergency Rental Assistance Program to support people living in areas with less access to healthy opportunities.	County of Sonoma
As part of the California Creative Corps pilot program, Del Norte County—which has the lowest Healthy Places Index® score in North State—will use the HPI to evaluate and promote art projects designed to promote health equity. The California Arts Council is currently conducting a listening tour of 19 counties in the North State Region to provide information about a new workforce development opportunity for artists and social service organizations.	Del Norte County

Regional & Local Government

Investments

Riverside County's Workforce Development Department has promoted HPI as a tool for the Inland Empire Grant Collaborative member to use in prioritizing investments.	Inland Empire Grant Collaborative
Kittelson and Associates, Inc is using the HPI when assisting public agencies with Safe Streets and Roads for All (SS4A) grant applications.	Kittelson and Associates
Using the Healthy Places Index®, Los Angeles County officials found that neighborhoods in the two lowest HPI quartiles have accounted for 70% of the county's total MPX cases. The disparity parallels people of color having disproportionately lower MPX vaccination rates. Identifying these place and race-based inequities have helped the county work to identify and coordinate with community-based organizations to develop messaging and outreach to promote health equity. The County's use of the HPI helps illuminate the importance of place-based data on social and economic conditions is essential for policies and strategies to promote public health.	Los Angeles County
Los Angeles County Uses the Healthy Places Index® to Advance Equity in the 2022 Parks Needs Assessment Plus.	Los Angeles County Department of Parks and Recreation

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Riverside, Los Angeles, and other local health departments created HPI maps for ATP Cycle 4 applications, showing where there were local health issues that could be improved with new walking and bicycling projects and programs, including Safe Routes to School	Los Angeles, Riverside, other local health departments around the State
Plumas Arts and the Nevada County Arts Council will host a California Creative Corps listening session. The agencies will present key information and initiate a conversation on how artists can help communities tackle issues most critical to them as part of an Upstate Listening Tour across 19 counties. The California Creative Corps pilot is using a $60 million one-time General Fund administered by the California Arts Council to support artists, cultural practitioners, as well as arts and social service sector organizations as part of the pilot's efforts to promote health equity.	Plumas Arts and the Nevada County Arts Council
SANDAG is using HPI for grant applications and projects / plans / programs prioritizations at the regional level.	San Diego Association of Governments (SANDAG)

Regional & Local Government

Investments

The San Diego County Board of Supervisors voted unanimously to establish a rental subsidy pilot program for older adults at risk of homelessness. The Pilot Shallow Rental Subsidy Program will provide a monthly rental subsidy of $500 for qualifying low-income San Diegans for up to 18 months. The new rental subsidy program supports applicants over 55 years old who are head of household and pay more than 50% of household income towards housing. The pilot program will focus on people who are 60 years old and have an income in the bottom 30% of the area. San Diego County will also use the Healthy Places Index® to prioritize older adults living in Health Equity areas within the county to promote place-based equity.	San Diego County Board of Supervisors
The Santa Barbara County Community Services Department has announced that the Santa Barbara County Office of Arts and Culture has been awarded a competitive $4.75 million grant to support the health, safety, and resiliency of the Central Coast Region through the arts. The Office of Arts & Culture will use the Healthy Places Index to prioritize regrants to fund arts and social service organizations in the lowest quartile of the HPI. The grant will support public health awareness messages to stop the spread of COVID-19, promote water and energy conservation, and promote community and civic engagement.	Santa Barbara County Office of Arts and Culture

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Understanding the importance of local economies to health, the Solano County Public Health Division hired BrandGOV to launch the groundbreaking Shop Solano. Utilizing the power of the Healthy Places Index®, BrandGOV identified communities with the highest social and economic inequities to determine local businesses for the online platform. Shop Solano provides not only an online directory of local businesses but also includes job opportunities and neighborhood resources. To date, the HPI has been used to add 638 businesses to the platform designed to empower local economic resilience and stability. Empower Solano shows an innovative approach to supporting both the small businesses of communities, but also the people who live in them.	Solano County Public Health Division
The Sonoma County Board of Supervisors utilized HPI in the allocation of its federal American Rescue Plan Act (ARPA) funds in order to ensure they were investing resources in areas most disproportionately impacted by the pandemic. Funding allocations included: ongoing COVID response and monitoring, creation of a new Public Health Lab/Morgue, essential worker pay for County employees, and County investments aimed at improving cultural responsiveness. Additionally, funds were dedicated to a Rapid Economic Assistance program, housing and homelessness initiatives, development of a broadband system for rural areas, and community investment awards.	Sonoma County Administrator's Office

Regional & Local Government

Investments

SCAG is using the HPI score in its scoring of applications for its Sustainable Communities Grant Program, which funds local active transportation plans, regional corridor plans, safety plans and Safe Routes to School plans	Southern California Association of Governments
The Imperial County Public Works Department uses HPI in grant applications (Active Transportation Program, Urban Greening) to link the lack of availability and accessibility of pedestrian networks in unincorporated communities.	Imperial County Public Works Department
San Luis Obispo County recently revised the county's RFP template. It now links to HPI and we added criteria for selection process that prioritizes RFP applicants that serve communities in lower HPI quartiles	San Luis Obispo County
The city of San Diego using the HPI to inform its Clean California Local Grant Program	City of San Diego

COVID-19

Alameda County has used the HPI in their vaccination plan to support siting of clinical preventive services (vaccination) and insights on how local health departments use the HPI in conjunction with their	Alameda County Department of Public Health

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community partners to identify specific community needs. The County has also used the HPI to identify five priority neighborhoods in its Targeted Equity Investments, designed to reduce inequities in COVID-19 transmission and promote an equitable recovery.

Contra Costa County created an internal, interactive map with HPI, heat maps of vaccinations, and location of vaccination sites to aid prioritization and allocation decisions.	Contra Costa County Department of Public Health
San Diego County used HPI to strategize around vaccination and testing sites	County of San Diego Department of Health and Human Services
Kings County is establishing a COVID-19 Vaccine Support Hub to ensure equitable vaccine availability and increase vaccination rates in county areas with low Healthy Places Index (HPI) scores. The overarching goal of the project is to build vaccine confidence through vaccine education, promotion, and administration at point of care sites in the community, combined with an incentive program to further bolster vaccine demand. They have selected AM LLC to help support the hub and services.	Kings County Department of Public Health, with support from AM LLC
Los Angeles County has used the HPI to help inform the County's plan to vaccinate communities hardest hit by the COVID-19 pandemic. The County has used the HPI to identify the most socially vulnerable census tracts with high concentrations of people over the age of 65 who are especially endangered by COVID-19. This data informed the County's COVID-19 vaccination strategy. Using HPI data the County identified where to reach out to community groups, add additional vaccination sites, understand mobile vaccination needs, and tailor informal and education strategies.	Los Angeles County Department of Public Health
Los Angeles County has made enormous use of HPI to identify the least resourced communities in order to distribute COVID-19 rapid antigen tests to school districts.	Los Angeles County Department of Public Health
Napa County HHSA used HPI to inform a lot of our vaccine outreach during the pandemic.	Napa County HHSA
HPI was a major part of Butte County Public Health's vaccine equity plan metrics/goals. Butte County Public Health also recently referenced HPI metrics in a new project proposal.	Butte County Public Health
Regional & Local Government	
COVID-19	
Marin County is using HPI to prioritize allocation of American Rescue Plan Act (ARPA) funds	Marin County

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Marin County prioritized access to increase the accessibility of vaccines for vulnerable groups disproportionately burdened by the pandemic. The County partnered with the Ritter Center to focus COVID-19 vaccine outreach to people who have been historically and systemically underserved. In addition, there was focused outreach through the Vaccine Interest Form to provide priority notification of available appointments to HPI tracts with the least healthy conditions and communities of color.	Marin County Department of Public Health
Monterey County is using the HPI lowest quartile approach to guide and focus COVID outreach and education efforts by our county's CHW program called Virus Integrated Distribution of Aid (VIDA)	Monterey County
Napa County is using HPI quartiles by Census tract to look at progress with vaccine penetration and to help prioritize COVID-19 cases during surges.	Napa County
Orange County has used the HPI to inform its Targeted Equity Investments. Among strategies designed to support residents of HPI census tracts with the least healthy living conditions, the County contracted with community-based organizations to expand multilingual and culturally appropriate COVID-19 testing, tracing, health education.	Orange County Health Care Agency
Riverside County is using HPI to target outreach for immunization and communicable disease monitoring	Riverside County
Riverside County, layering data from the HPI and other data sets, created their own vaccine index to identify and prioritize vaccine allocation in order to target communities that have been disproportionately impacted by COVID-19. Utilizing data from the County's vaccine metric, Riverside County mobilized a vaccine task force, partnering with community and faith-based organizations to vaccinate migrant farmworkers who have been among the hardest impacted communities throughout the COVID-19 pandemic.	Riverside University Health System-Public Health
San Mateo County is using HPI to look at equity and vaccine distribution	San Mateo County
Santa Barbara County has identified the HPI as a key indicator for identifying places for pop-up COVID-19 testing sites to address health inequities during the pandemic that have impacted neighborhoods where residents having lack access to healthcare and other resources.	Santa Barbara County Department of Public Health
Ventura County used HPI to prioritize vaccine access and information	Ventura County Public Health Department

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Community Profiles

Alameda county is using the HPI to evaluate treatment outreach equity and barriers to access.	Alameda County Public Health Department

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Orange County's public health department uses HPI at least weekly to characterize spatially disadvantaged communities in concert with our mapping of health outcomes and health behaviors.	Orange County Health Care Agency
HPI is included in 85 City and Community Health Profiles released by the LA County Department of Public Health	Los Angeles County Department of Public Health, 2018
The Director of the LA County Public Health Department and the Department's Health Officer are using HPI maps for presentations they are giving on the social determinants of health, including maps highlighting the disparities of health among different cities in Los Angeles County, as well as particular indicators.	Los Angeles County Department of Public Health, 2019
Riverside uses HPI to prepare community profiles, layer HPI with other geographies, examine health outcomes such as overdose compared to community conditions, etc.	Riverside University Health System – Public Health
Santa Cruz used HPI to minimize COVID-19 vaccination equity gaps. HPI helped them micro-target limited resources to census tracts and zip codes to save the most lives. Over time, data showed there was essentially no gap between the vaccination rate in our well-resourced, mostly white communities and more vulnerable communities of color. This targeted outreach helped the county buck a national trend of stark income gaps in vaccination rates.	Santa Cruz County Public Health Department, as detailed in State of Reform

Planning & Assessments

Alameda County is using HPI to look at how social determinants of health may influence tuberculosis rates in their county, and are considering using specific HPI indicators in an ecological analysis. They see using HPI as a way to plan their response and prevention strategies with an equity lens.	Alameda County Public Health Department
The City of Long Beach's public health department has used HPI to develop an equity framework for COVID-19 recovery funds	City of Long Beach Department of Health & Human Services
The City of Long Beach's public health department data team uses HPI in department reports and grant proposals	City of Long Beach Department of Health & Human Services

Regional & Local Government

Planning & Assessments

The City of Oxnard uses HPI in its Climate Action and Adaptation Plan	City of Oxnard

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The South San Francisco Commission on Racial and Social Equity is actively working to advance equity in the City's internal and external processes, as well as to recommend policy and program changes to overcome institutional inequities in education, public safety, and policing healthcare (including mental health and addiction services), and other social services. They have proposed using HPI as a metric to measure the city's progress towards change. For example, according to HPI's Map 60.46% of 3 and 4-year-olds are enrolled in preschool between 2011-2015. The Racial and social equity commission has identified preschool enrollment as an action item for change and is exploring the possibility of implementing universal preschool services.	City of South San Francisco
Contra Costa has been using the 2.0 version to compare census tracts groupings for various health outcomes based on their HPI scores. It is an important part of their equity work and makes a nice compliment to other comparisons they use (many of which are components of the index)	Contra Costa County Health Services
They are using HPI-CA Scores as a layer on their Fresno County Health Priority Index Map.	Fresno County
KOA Corporation contracts with local governments in California. It is using the HPI to develop Safe Routes to Schools (STRS) plans	Koa Corporation
LADPH's MCAH division is evaluating the impact of HPI on adverse birth outcomes in LA County and will examine the association between HPI and low birth weight, preterm birth after controlling for covariates in Black women.	Los Angeles County Department of Public Health
LADPH is utilizing HPI data along with their local Health District boundaries to generate a model that will predict disease incidence and allow for better prevention efforts.	Los Angeles County Department of Public Health
LADPH epidemiologists are using the HPI to evaluate vaccination efforts in low-scoring HPI communities.	Los Angeles County Department of Public Health
LADOT is using HPI for planning purposes.	Los Angeles Department of Transportation

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Planning & Assessments

Mono County is using HPI to explore our health equity opportunities and assist in both our data collection and decisions.	Mono County Public Health Department

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Rincon Consultants is incorporating HPI into its climate vulnerability assessment work on behalf of local governments.	Rincon Consultants
Riverside County's Probation Department is using HPI as a critical tool for reviewing their casework and case outcomes and examining chronic absenteeism and the impacts on communities/probation, as part of the implementation of the county's Racism is a Public Health Crisis proclamation.	Riverside County Probation Department
HPI was provided to local decision makers to illustrate the effect of various federal budget threats on community health: how urban greening, park access, air quality, and other factors come together to create (or depress) community health. The Santa Barbara Public Health Department also used the HDI as part of their community needs assessment.	Santa Barbara County Public Health Department
SCAG is using HPI for evaluating park access with race and ethnicity data	Southern California Association of Governments (SCAG)

Prioritizing Investments

The City and County of San Francisco's Feeding Unit used HPI as part of a mapping project to analyze their response to COVID-19 as part of its larger effort to minimize hunger plan to protect the most disproportionately impacted residents from hunger	City & County of San Francisco
City of San Jose Department of Parks, Recreation & Neighborhood Services uses the HPI data to make decisions on how to better allocate resources in our Parks Division.	City of San Jose Department of Parks, Recreation & Neighborhood Services
CDPH Climate and Health Equity team working to pilot a project in Contra Costa where home energy efficiency resources are targeted using HPI.	Contra Costa County Department of Public Health

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Prioritizing Investments

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The County of Monterey has developed the VIDA Project to use innovative approaches of outreach and education focused on the lowest quartile of the HPI. Vida Project health outreach workers have helped families through delivering food and connecting farmworkers struggling with food insecurity to food assistance resources.	County of Monterey
County of San Diego Department of Parks and Recreation is using the HPI to determine which communities to focus services on.	County of San Diego Department of Parks and Recreation
The Fresno County Department of Public Health has created an interactive map called the Health Priority Index and has included the HPI score as one of the metrics.	Fresno County Department of Public Health
LADOT is using the HPI to create measures to identify priority active transportation corridors	Los Angeles Department of Transportation
LA Metro is using HPI as part of a prioritization methodology for funding active transportation corridor projects (considering HPI scores for census tracts surrounding the corridor).	Los Angeles County Metropolitan Transportation Authority (Metro)
Marin County is establishing a racial equity fund with an initial investment of $5M in American Rescue Plan Act funds. The County will use HPI to identify and prioritize communities to make investments. Census tracts ranked below the 70th percentile will be prioritized.	Marin County
Local health departments across California, including Los Angeles and Alameda Counties are prioritizing vaccine distribution to communities within the lowest HPI quartile, as part of their vaccine distribution plans	Multiple local health departments, including Alameda and Los Angeles Counties
Riverside County's workforce development division has launched the RivCo Promise initiative to address place-based inequities. They are prioritizing resources based on the lowest HPI scores, and directing workforce, housing and poverty-eradicating resources to these communities.	Riverside County Works
HPI used to screen disadvantaged communities and corroborate findings of an Adverse Childhood Experiences (ACE) score program.	Riverside University Health System – Public Health

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Prioritizing Investments

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HPI used to identify census tracts where WIC staff should increase recruitment activities by comparing areas with high proportion of young children not in preschool as depicted in the HPI compared with known enrollment.	Riverside University Health System – Public Health
San Diego County's Department of Parks & Recreation has announced $1.8 million in federal funding for youth sports and camps, including covering registration fees to support children and families who have experienced financial hardships during COVID-19. Two-thirds of the funding ($1.2M) will be allocated using HPI, focusing on the lowest quartile. The program will provide the $1.2 million to cover up to $100 per participant to organizations and camps serving youth in the lower two quartiles of the Healthy Places Index.	San Diego County Department of Parks & Recreation
The San Diego County Office of Education is using HPI as part of its COVID-19 School Reopening Guidance, including a Data Dashboard. The County is embedding equity into educational considerations, including monitoring and identifying the needs of its students placed at highest risk.	San Diego County Office of Education
The San Diego Office of Education is exploring using HPI to examine where in the county there may be a convergence between low high school graduation rates and employment rates in the area surrounding each high school. This cross-searching would open new avenues for our County Office of Education to identify areas of need where we might concentrate support.	San Diego Office of Education
Once COVID-19 vaccines are approved for children aged 5-11, Sonoma County health officials plan to focus primarily on students living in areas that have been rated lower on the Healthy Places Index, which measures health outcomes based on income, education and environmental impacts.	Sonoma County Department of Public Health
Kings County utilized HPI to award laptops through a grant to populations in the bottom 7%.	Kings County
City of San Jose is using the HPI to distribute funding equitably across neighborhoods	City of San Jose

Data & Mapping Tools	
The City of LA's Civil + Human Rights and Equity Department is using HPI data to create a racial equity hub, for Los Angeles, that displays the "Health and Well-Being, Housing and Built Environment, Education / Access /& Attainment, Economic Opportunity / Community Wealth, Justice and Civic Engagement..." ECT. This resource will be accessible to anyone who is able to click the link, both on mobile and computer devices. Our aim is to create this resource that will then incite and motivate our communities to advocate for themselves and have a tangible resource to show lawmakers.	City of Los Angeles Civil + Human Rights and Equity Department
City of Long Beach is using HPI to evaluate areas most impacted by COVID-19 for the externalized dashboard reflecting the American Rescue Plan Act monies.	City of Long Beach

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Regional & Local Government	
Data & Mapping Tools	
HPI is listed in El Dorado County's resource library for its [Well Dorado initiative](#)	El Dorado County
The Sacramento Municipal Utility District (SMUD) has added an HPI layer to heir [Sustainable Communities Resource Priorities Map.](#) The purpose is to look at census tracts to identify the different types of percentile scores for economic, education, housing, healthcare access, neighborhood, and clean environment.	Sacramento Municipal Utility District
HPI is being used as part of a new equity and health module in [CalEEMod](#), a tool widely used by local governments to evaluate the GHG and air pollutant emissions impacts of new land use developments, as part of the environmental impact review process. .	[Sacramento Regional Air Quality Management District](#)
At the October 2019 Live Well Advance conference (as part of the conference's exhibit hall/"Connection Hub"), the San Diego County Department of Health & Human Services is planning an "interactive" booth, with the idea of having various tools to help conference attendees understand their communities and the different types of climate related impacts/risks. HPI is included on their short list of tools to feature.	San Diego County Department of Health & Human Services
HPI used as a component of County's [maternal and child health dataset](#) to verify areas of cumulative health impact from a social determinants of health perspective.	Solano County Public Health Department
HPI used as part of an [indicator project](#) to compare the health of local communities with other California counties and cities.	Solano County Public Health Department
HPI under consideration to be used as measure of economic hardship.	Sonoma County Department of Health Services, Public Health Division
HPI is listed in SCAG's 2016 and 2020 [Regional Transportation Plan and Sustainable Communities Strategy](#) (Connect SoCal) as a way to integrate public health into transportation projects.	Southern California Association of Governments (SCAG)
Alameda County Public Health Dept is classifying sites and addresses according to HPI [no other detail provided]	Alameda County Public Health Dept

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Data & Mapping Tools

The City of Hope uses HPI for public health & GIS research	City of Hope
The City of San Diego is using HPI as part of an environmental justice initiative that will add an environmental justice element to its General Plan. It is using HPI to determine which neighborhoods suffer most from industrial pollution, poor air quality and lack of stores with fresh produce.	City of San Diego
The City of Sacramento plans to use HPI as the primary tool for identifying disadvantaged communities in its General Plan update for purposes of meeting SB 1000 requirements	City of Sacramento
The Ventura County Health Care Agency developed policy action statements to integrate into the County's 2018 general plan update that are focused on improving the health of the County's residents. The County took a "health in all elements" approach instead of creating a separate health element. They also used HPI to identify underserved areas in the County that should be prioritized for investments.	County of Ventura – Planning Division and Health Care Agency
The Alliance was on a team lead by AECOM proposing to update Culver City's General Plan, including an HPI analysis as part of the Health Element. While our bid was not successful, we did create several posterboards and preliminary analysis of Culver City using HPI data	Culver City
LADPH Division of HIV and STD Programs is using the HPI to assess whether geospatial SDOH correlate with disparities in STDs. Inspired by similar analysis done by CDPH with Syphilis outcomes	Los Angeles County Department of Public Health, Division of HIV and STD Programs
Redwood City is using the HPI to Overlay on Fire Dept Standards of Cover map, part of assessment of emergency services coverage areas	City of Redwood City
Contra Costa Health Services	

Plans & Guidelines

Gensler Architects is using HPI as part of a Climate Resiliency Assessment of low-income communities in Southern California	City of Los Angeles (consultant: Gensler Architects)
Monterey's county health department links to HPI as a resource for county health data, and utilizes the data for public health surveillance, monitoring and public use data reports.	County of Monterey Health Department

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HPI maps are included in the [Healthy City, Healthy Residents Active Transportation/Active Living Policy Report](#) (p. 9)	County of San Diego Health & Human Services Agency, LiveWell San Diego, Vista Community Clinic, Poder Popular, Circulate San Diego
As part of its [vaccine distribution process for teachers](#), San Diego County is prioritizing teachers who work in schools located in the 4th HPI Quartile	County of San Diego, San Diego County Office of Education (SDCOE), and California Schools Voluntary Employees Benefits Association (VEBA)

Regional & Local Government	
Plans & Guidelines	
HPI is featured prominently in LA County's [Center for Health Equity's Action Plan](#)	Los Angeles County Department of Public Health, Center for Health Equity
LADPH's PLACE Program is using HPI to prioritize areas for pedestrian improvements in unincorporated areas of Los Angeles County, as part of its [Step By Step Community Pedestrian Plan](#)	Los Angeles County Department of Public Health, PLACE Program
LADPH is using HPI as part of its Prioritization Score Formula for street improvements in its [Vision Zero Action Plan](#)	Los Angeles County Department of Public Health, PLACE Program
HPI is included as a data resource for [Equity Indicators](#) to use in regional planning activities	Los Angeles County Department of Regional Planning
An HPI map is included in the Equity & Resilience Briefing prepared for community workshops on the County's Sustainability Plan	Los Angeles County Sustainability Office
Merced County's Department of Public Health links to HPI from their "[All in for Health](#)" campaign website, which contains links and resources discussing social determinants of health data	Merced County Department of Public Health
The San Diego County Department of Public Works is using HPI as part of its Local Road Safety Plan	San Diego County Department of Public Works
San Diego is looking at using HPI to set metrics in its AgeWell Plan	San Diego County Health & Human Services

HPI is being integrated into the regional [Active Transportation Database](#) used by the metropolitan planning organization (MPO) for six counties in Southern California (LA, Orange, San Bernardino, Riverside, Ventura & Imperial), which is used to make planning and funding decisions for walking and bicycling projects.	Southern California Association of Governments (SCAG)
SCAG is incorporating HPI data into its health analysis for the 2020 RTP/SCS	Southern California Association of Governments (SCAG)
As part of its Disadvantaged Communities Planning Initiative, SCAG is building an Active Transportation Plan template that includes a customized health assessment using HPI	Southern California Association of Governments (SCAG)

Regional & Local Government

Research Analysis

ABC7's data journalism team analyzed data from HPI to [examine tree canopy differences between communities in the Bay Area](#). They found that tree canopy density ranged from roughly 5% in neighborhoods with average incomes of $40,000 or less to nearly triple that at $120,000 and up.	[ABC 7 News](#) (July 1, 2021)
LADPH used HPI as part of an equity analysis on geographic distribution of licensed and unlicensed cannabis establishments in relation to HPI scores.	Los Angeles County Department of Public Health

Community

Using HPI to identify where early childhood education funding should go	Advancement Project
Arts OC is using HPI to plan projects and direct grantmaking for projects targeting populations in low HPI ranked areas in Orange County.	Arts OC
Building Resilient Communities, a community-based organization in Riverside County, has been being HPI data, provided by the Riverside local health department, to place resources and services in their community based on the index scores and data. Riverside epidemiologists prepare maps of HPI, overlaid with case rates and deaths, and send that to BRC and the other CBOs. BRC then leads a discussion with the CBOs using this data to come up with geographical areas of focus as well as have a discussion of programs that may be effective at increasing testing, knowledge or vaccine uptake.	Building Resilient Communities
The California Endowment has used HPI as part of their strategic planning process.	California Endowment

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The California Environmental Justice Alliance (CEJA) recommends use of HPI in developing the environmental justice element of community general plans, as identified in their SB 1000 Toolkit, and also highlights HPI as a tool to identify disadvantaged communities in their March 2019 report, CalEnviroScreen: A Critical Tool for Achieving Environmental Justice in California

California Environmental Justice Alliance (CEJA)

Central Coast Alliance for a United & Sustainable Economy (CAUSE) has used HPI on issues ranging from immigrant rights to redistricting efforts. By using the HPI they were able to easily visualize stark inequities. They have also used this a lot in advocacy in health for all at the state level in Oxnard and Santa Maria.

Central Coast Alliance for a United & Sustainable Economy (CAUSE)

Community

Children Now is comparing data across different areas of Contra Costa County to show differential opportunities for children's well-being in various regions of the county

Children Now

Climate Resolve is examining climate vulnerability in Southern California Edison's territory. They are doing an analysis that overlays the bottom 25th percentile of HPI's least healthy communities, the 25 percentile of CES3.0 most disadvantaged communities, and the 25 percentile of CHAT's most heat vulnerable communities to identify climate vulnerable communities in SCE service territory. The analysis particularly focuses on extreme heat and air quality.

Climate Resolve

Community Health Improvement Partners is using HPI as part of resident engagement in the City of Lemon Grove, a Kaiser HEAL Zone, to identify community assets and challenges, and to identify policy solutions to improving community health

Community Health Improvement Partners

Using the Healthy Places Index, Los Angeles County officials found that neighborhoods in the two lowest HPI quartiles have accounted for 70% of the county's total MPX cases. The disparity parallels people of color having disproportionately lower MPX vaccination rates. Identifying these place and race-based inequities have helped the county work to identify and coordinate with community-based organizations to develop messaging and outreach to promote health equity. The County's use of the HPI helps illuminate the importance of place-based data on social and economic conditions is essential for policies and strategies to promote public health.

County of Los Angeles

First 5 Alameda is using contextual neighborhood data to enrich the story they tell about children & families in the county

First 5 Alameda

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The California
Healthy Places Index (HPI)®

In its equity guidebook, Making Equity Real In Climate Adaptation And Community Resilience Policies And Programs, HPI is highlighted alongside other tools for evaluating adaptive capacity for vulnerability assessments.	Greenlining Institute
Greenbelt Alliance is using HPI to map locations in the Bay Area that are experiencing extreme heat along with social vulnerabilities and lack of tree cover.	Greenbelt Alliance
Human Impact Partners has used HPI to build the case for where to direct resources in California	Human Impact Partners
The Institute for Public Strategies uses HPI in their community-based work, and it has assisted them with applying for state and federal grants.	Institute for Public Strategies

Community

JSI, a health care consulting team, has used HPI in presentations with community-based organizations to describe local health disparities and community conditions.	JSI, Inc.
Kimley-Horn, a consulting firm, is using HPI to help communities apply for grants to advance health & safety goals	Kimley-Horn
The LA County Citizens' Economy and Efficiency Commission plans to use HPI to advocate for the formation of an Enhanced Infrastructure Finance District (EIFD) that will include the areas with the worst health outcomes in District 2.	Los Angeles County Citizens' Economy and Efficiency Commission
The Healthy, Equitable, Active Land Use Network (HEAL U), a coalition of environmental and social justice advocacy organizations led by the Prevention Institute, recommended use of HDI to identify low income communities of color for public infrastructure spending in its strategic planning guide, Strategic Opportunities to Create a Healthy, Equitable Land Use System in Los Angeles.	Prevention Institute
The Moreno Valley School District in Riverside County, has been being HPI data, provided by the Riverside local health department, to place resources and services in their community based on the index scores and data	Moreno Valley School District
Population Health Innovation Lab (PHI program) is using the HPI to identify the HPI score of grant applicants based on ZIP code.	Population Health Innovation Lab

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HPI was featured as a top dataset for San Diego's Big Data Hackathon	San Diego Big Data Hackathon
San Francisco Tongans Rise Up is using HPI to learn about the Pacific Islander community, their needs and how to create programs responding to their needs.	San Francisco Tongans Rise Up
The San Juan Unified School District has used HPI to examine social determinants of health and health outcome data for use in its active transportation programming, including an application to the Active Transportation Program for funding.	San Juan Unified School District

Community

The National Tribal Resilience Data Workgroup (NTRDW), part of the federally funded Tribal Climate Health Project, which helps US Tribes prepare for the health and other impacts of climate change, has used the Healthy Places Index in working with CA Tribes and they have included it their Exposures, Impacts, and Strategies Inventory tool, which points Tribes to the best data sources.	Tribal Climate Health Project, National Tribal Resilience Data Workgroup
Walk Sacramento is using HPI as part of its Safe Routes to Parks and Healthy Retail Initiative to identify priority Census tracts for making transportation accessibility improvements.	Walk Sacramento
WestEd is using HPI in presentations to educators, so they have a fuller picture of the economic realities students face, including housing cost burden.	WestEd
Alana Inéz Kornaker from AKorn Maps is using the HPI to compare how many public parks that house newly renovated basketball courts fall in areas that the HPI has identified as less/more healthy. The end goal is to explore the relationship between access to basketball courts and healthy places.	AKorn Maps

Academic Research/Universities

A team of researchers is studying differences in CA county jail populations and the in-custody deaths that occur in those jails. They are using HPI as a control variable.	Analytica Consulting
Universities across California are linking to or featuring HPI as a course resource	California Baptist University Fresno State Loma Linda University UCSD Bioregional Center

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	University of Southern California
Researchers in the California State University Dominquez Hills department of economics are using the HPI to determine characteristics of cities that are correlated with city-level decisions to provide Cannabis licensing	California State University Dominquez Hills
The [impact of social determinants of health](#) on obesity and diabetes disparities among Latino communities in Southern California	Cleveland III JC., Espinoza J, Holzhausen EA, Goran MI, Alderete TL
HPI is featured in a journal article in the [International Journal of Environmental Research and Public Health](#) in January 2022, examining equitable vaccination for Hispanics in the San Diego and Imperial Valley regions	International Journal of Environmental Research & Public Health

Academic Research/Universities	
PHI's Alcohol Research Group is merging HPI tract level data with CA Healthy kids survey data to study adolescent suicide risk. HPI index will be used as a "community context" proxy.	PHI Alcohol Research Group
The Center for Human Dynamics at San Diego State has created a [COVID-19 Dashboard](#) overlaying HPI with COVID-19 cases and vaccine information.	San Diego State University
San Jose State researchers are using HPI to support public health place-based research	San Jose State University
A Stanford researcher is using HPI for a variety of research projects including examining spatial disparities in COVID-19 in California and in a data ecosystem project	Stanford University
A professor at UC Berkeley has been teaching students about HPI and examining neighborhood level SES and health services for cardiovascular disease.	UC Berkeley
A UC Berkeley student is using HPI as a covariate in their study of dust exposure and Valley Fever	UC Berkeley
The UC Berkeley Center for the Study of Child Care Employment would like to do an analysis of how California early educator character characteristics (e.g. economic well-being and health) intersect with the health and well-being of the communities where they work and live.	UC Berkeley

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A doctoral student at UC Berkeley used an adapted version of the HPI (using data for 2007-2011 when publicly available and calculated specifically for Oakland) to characterize neighborhood quality in Oakland, California for their DrPH dissertation research focused on the relationship between neighborhood quality and preterm birth among Non-Hispanic Black and African American women in Oakland, California, who gave birth between 2007-2011. "How Place Matters: Neighborhood Quality and Risk of Preterm Birth Among Black Women in Oakland, California" Dr. Rachel Berkowitz is a mixed methods researcher focused on neighborhood effects, community development, and inequities in birth and maternal outcomes. She received her DrPH from University of California, Berkeley, and her MPH in Global Health, Community Health and Development from Rollins School of Public Health at Emory University. Past work includes community development efforts in Oakland and Minnesota and research related to perceptions of health and healthcare in a Nairobi health care center. This fall, she will begin a position as a Health Equity and Implementation Science Postdoctoral Scholar with University of California, Berkeley and Sutter Health.	University of California, Berkeley

Academic Research/Universities

Using HPI data to explore whether SDOH impact chronic disease in Southern California communities.	UC Boulder
A surgery resident at the UC Davis Trauma Department is using the PI to analyze their trauma patient population by HPI score, and to evaluate whether HPI score impacts patient inflammatory/coagulatory profiles on admission and throughout their hospital stay.	UC Davis Trauma Center
A UCLA researcher is using HPI to compare the levels of food access and air pollution visually between neighborhoods in Los Angeles.	University of California Los Angeles
The UC Nutrition Policy Institute is exploring if there are census tract level disparities in the COVID-19 impacts on SNAP-Ed programming. They are using the HPI quartiles as the exposure variable with the census tract level change (between 2019-2020) in the number of people reached by SNAP-ed as the outcome.	University of California, Nutrition Policy Institute
Using HPI data for ArcGIS mapping and looking closely at selected indicators	University of California San Diego, student
A Data Science professor has integrated the HPI as a data source for his class projects.	University of California San Diego
A UCSD student is computing a walkability layer using HPI	University of California San Diego

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Description	Organization
The University of Southern California is using HPI as part of its COVID-19 testing policy and strategies for students, faculty and workers. The University has aimed to expand access for those most impacted by COVID-19 through its vaccination sites aimed at assisting communities in need.	University of Southern California
Extreme heat edition city level ranking for a data story	University of Southern California
UCSF researchers examined HPI scores as part of an analysis of historic redlining and COVID-19 outcomes	UCSF
UCSF researchers are evaluating outcomes in idiopathic pulmonary fibrosis by HPI score	UCSF
UCSF researchers are using the HPI to evaluate COVID-19 equity interventions in California along with CDPH	UCSF
The EJ Research Lab at the University of Southern California is using the HPI to map Environmental Justice (EJ) indicators in CA.	University of Southern California

National

HPI is mentioned in Secretary's Advisory Committee On National Health Promotion And Disease Prevention Objectives For 2030, Report #8 Implementation Of Healthy People 2030: Recommendations For Implementation And The Framework Graphic For Healthy People 2030 under Recommendation 10: "Develop a data partnership infrastructure for Healthy People 2030, starting at or before launch."	Healthy People 2030
HRSA is collecting data from publicly available indices relating to health equity/social determinants of health. Broadly, these indices may be used to evaluate programs or be included in other research efforts.	The U.S. Health Resources & Services Administration (HRSA)
A University of Colorado Boulder researcher is examining the association between HPI score & available school outdoor space in LA County.	University of Colorado Boulder

Articles Promoting / Linking to HPI

Using Disadvantage Indices to Guide State Health Equity Efforts: On-the-Ground Lessons from the COVID-19 Pandemic	Academy Health
Air District Launches Community Health Protection Program	Bay Area Monitor

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[Blue Shield of California Foundation: Intersections Newsletter](#)	Blue Shield of California Foundation
[Measuring the Health Outcomes of Social, Economic, and Environmental Policies](#) (Steve Woolf, author, April 2022	Center for American Progress
[10 Great State Health Data Tools](#)	Community Commons
[A Hospital Social Needs Index Would Help Hospitals Collaborate To Address Social Needs And Health Equity](#)	Health Affairs
[Using Social Determinants to Promote Health Equity During a Crisis](#)	Health IT Analytics

Articles Promoting / Linking to HPI

[Wildfire Smoke And Environmental Justice: One Little Girl's Story](#)	KALW
[New online tool helps project how hot your neighborhood could get by mid-century](#)	KCBS Radio
[Toward a Montreal Sustainability Dashboard](#)	McGill Journal of Sustainable Development Law
[Guidelines for Prioritizing Healthy Communities in Urban Planning](#)	Miguel Vazquez, AICP
[New Tool to Understand Heat Vulnerability and Resilience in California](#)	Planetizen
['Extreme Heat' forecast provides California temperature projections for mid- and late-century](#)	The Press Democrat
[Marin Voice: County's participatory budgeting initiative strives for equity](#)	Marin Independent Journal

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[Long Beach Arts Council helps administer $60 million Creative Corps program](#)

The Orange County Register

[City of San Diego offers grant funding for artists to help increase awareness of regional issues](#)

Imperial Valley Press

[One about leveraging the risk of Stratification model to improve equity](#)

CIOReview

[Reimagining Conservation to Prioritize Vulnerable Communities](#)

Planetizen

Santa Barbara Independent

[New Local Grant Opportunity Brings Organizations and Artists together to deliver Art Driven Campaigns](#)

KEYT

[New grant program facilitates art-driven public service campaigns](#)

KSBY6

[A new grant opportunity is bringing organizations and artists together for collaborative art-driven campaigns](#)

Other Websites Highlighting HPI as a Resource

Community Commons: https://www.communitycommons.org/entities/03ccca83-37c3-44ca-a9c4-eb389e7d1c54

Groundtruthing California: http://groundtruthingcalifornia.org/understanding-california/

Health Services Advisory Group: https://www.hsag.com/en/medicare-providers/patient-and-family-centered-care/disparities/california-healthy-places-index/

LiveStories calls out our policy guides: https://insight.livestories.com/s/v2/tools-and-strategies/7b944908-527b-4602-abbb-7a2fcb69d1dc/

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LA Thrives: https://www.lathrives.org/june_2018

Public Health
Foundation: http://www.phf.org/improvement/searchresults.aspx?keywords=healthy+places

San Luis Obispo Counts: http://www.slohealthcounts.org/

Think Health LA: https://www.thinkhealthla.org/

Tribal Climate Health Project: http://tribalclimatehealth.org/resource/california-healthy-places-index-5/

Universities Highlighting HPI as a Resource

Bellarmine University (Louisville, KY)

Buffalo State (Buffalo, NY)

Cal Poly Pomona

Pasadena City College

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