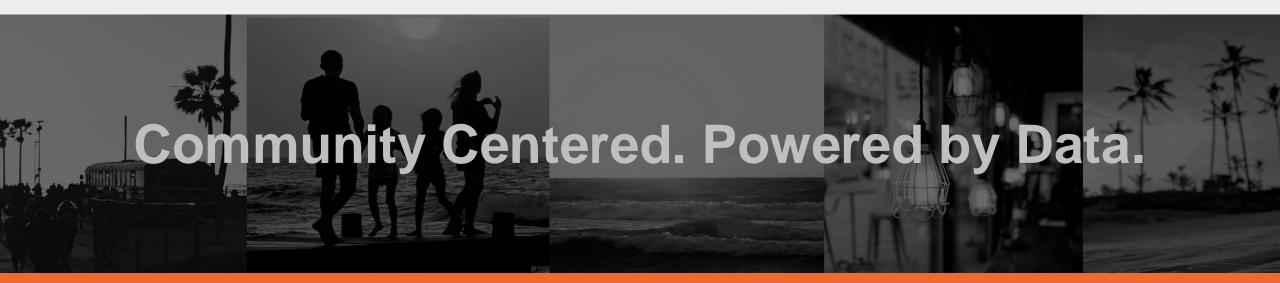
ADVANCE OUR COMMUNITIES



A TALE OF TWO HORIZONS

Orange County has one of the most beautiful landscapes in California. However, our community, like many others, is challenged by systemic health, housing, educational, economic and opportunity disparities.

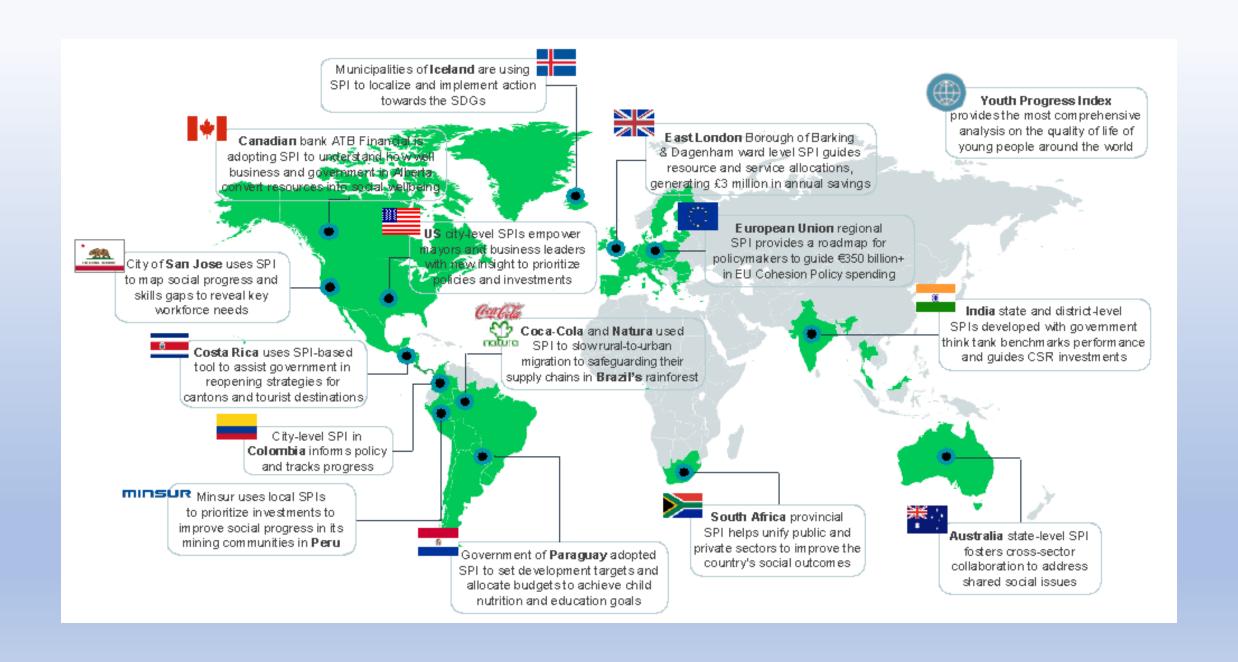
How can we close these gaps? At Advance OC, we aim to address these disparities by bringing community stakeholders together to invest in equity focused strategies. We start by developing a **Social Progress Index**. Using 50+ indicators, we can measure, track, and map inequities in our community with neighborhood precision. Doing this enables us to identify root causes, understand social determinants, and help advance our communities.



FROM DATA TO ACTION TO IMPACT

PARTNERING WITH SPI

Delivering local data and insight that is meaningful, relevant and actionable



Social Progress Index: Orange County

LINK

BASIC HUMAN NEEDS

Nutrition and Basic Medical Care

- Supermarket access (% of pop.)
- Kindergarten vaccination rate (% of kindergarteners)
- Preventative care visits (% of adults)
- Dental care visits (% of adults)
- Households with food stamp benefits in the past 12 months (% of households)

Water and Sanitation

- Groundwater threats via leaking underground storage tanks
- Hazardous waste (proximity to waste facilities and large quantity generators)
- Businesses in compliance with health standards (% of total businesses)

Housing

- Housing cost burden (owners) (% of housing units)
- Housing cost burden (renters) (% of housing units)
- Housing overcrowding (% of households)
- Rental Assistance Priority Index

Personal Safety

- Violent crime rate (per 1,000 pop.)
- Property crime rate (per 1,000 pop.)
- Motor vehicle fatal crash rate (per 1,000 pop.)



FOUNDATIONS OF WELLBEING

Access to Basic Education

- Preschool enrollment (% of 3 & 4 year olds)
- Social-emotional vulnerable (% of children under 5)
- Communication and general knowledge (% of children under 5)
- Third grade language arts proficiency (% of 3rd graders)
- Eighth grade math proficiency (% of 8th graders)
- Population without high school diploma or equivalent (% of pop. ages 18-24)

Access to Information and Communications

- Broadband subscription (% of pop.)
- Average broadband speed (Mbps download)
- Cellular data subscription (% of pop.)
- One or more types of computing devices present (% of households)
- No Internet Access (% of pop.)

Health and Wellness

- Vulnerable or at risk physical health (% of children under 5)
- Poor mental health days
- Obesity prevalence (% of adults)
- Diabetes prevalence (% of adults)
- Cancer prevalence (% of adults)

Environmental Quality

- PM2.5 average annual concentration (µg/m3)
- Ozone average 8-hour concentration (ppm)
- Traffic density (vehicle/kmh per road length)
- Wildfire hazard potential (burn probability)

OPPORTUNITY

Personal Rights

- Home ownership (% of households)
- Voter registration rate (% of voting eligible pop.)
- Voter turnout (% of voting eligible pop.)

Personal Freedom and Choice

- Child care deserts
- Disconnected youth (% of 16-19 year olds)
- Walkability index
- Alternative transportation usage (% of commuters)

Inclusiveness

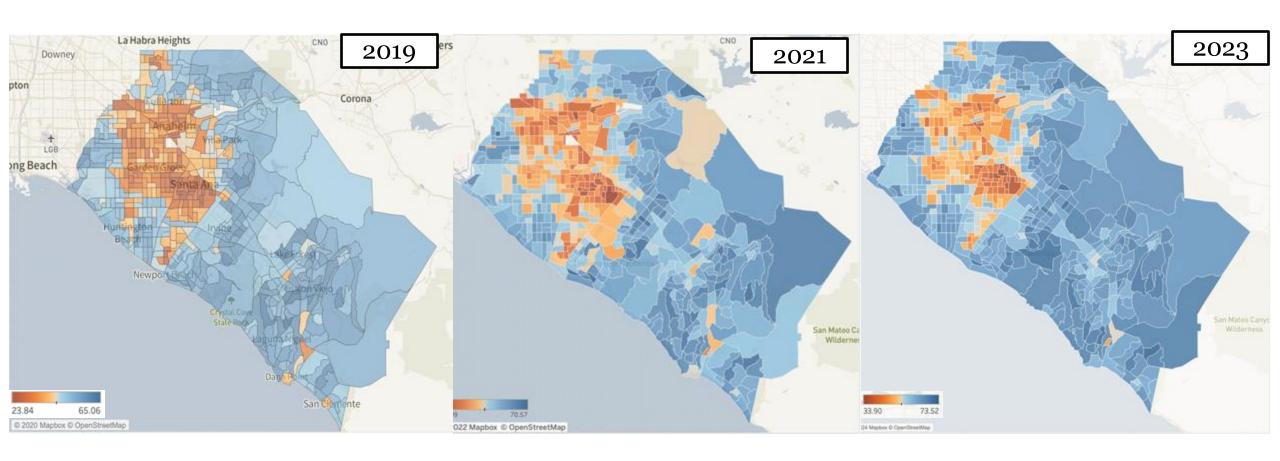
- Linguistic is olation
- Gender pay gap
- Residential segregation (non-white/white)
- Residential isolation (non-white/white)

Access to Advanced Education

- Bachelor's Degree Holders (% of pop. age 25+)
- Advanced Degree Holders (% of pop. age 25+)
- Associates Degree Holders (% of pop. age 25+)



SOCIAL PROGRESS OVER TIME







FROM DATA TO ACTION TO IMPACT

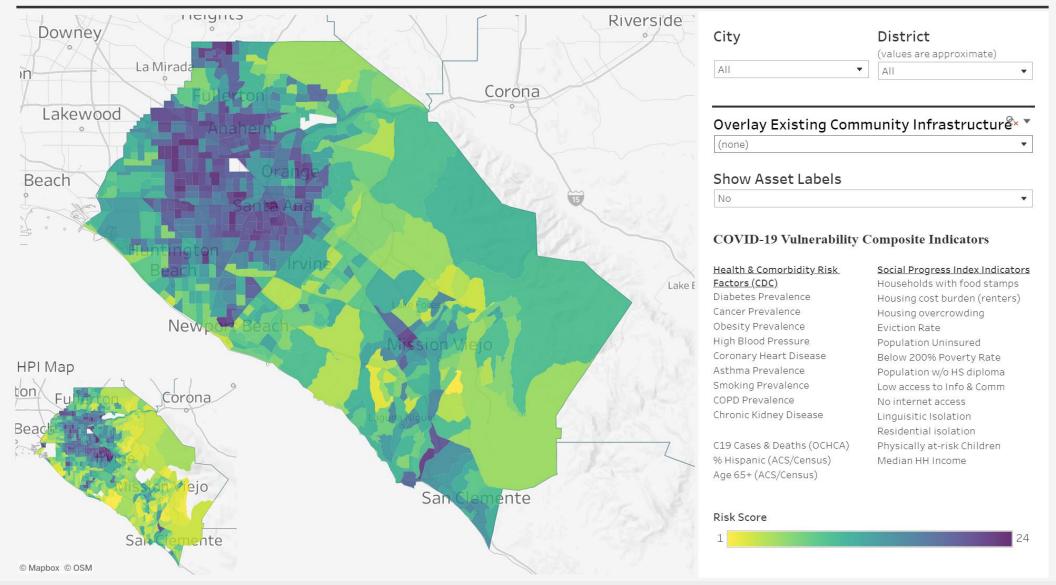






ORANGE COUNTY COVID VULNERABILITY MAP





Query: Show me the census tracts > 75% Hispanic/Latino

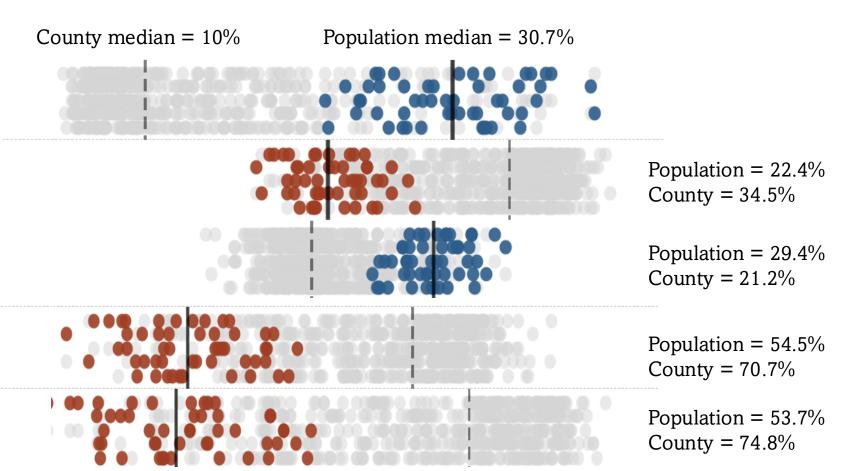
Current lack of health insurance among adults aged 18-64 years

Older adult men aged >=65 years who are up to date on a core set of c..

Obesity among adults aged >=18 years

Fecal occult blood test, sigmoidoscopy, or colonoscopy amo..

Visits to dentist or dental clinic among adults aged >=18 years



Query: Show me the census tracts > 75% Hispanic/Latino: Mexicans

Current lack of health insurance among adults aged 18-64 years

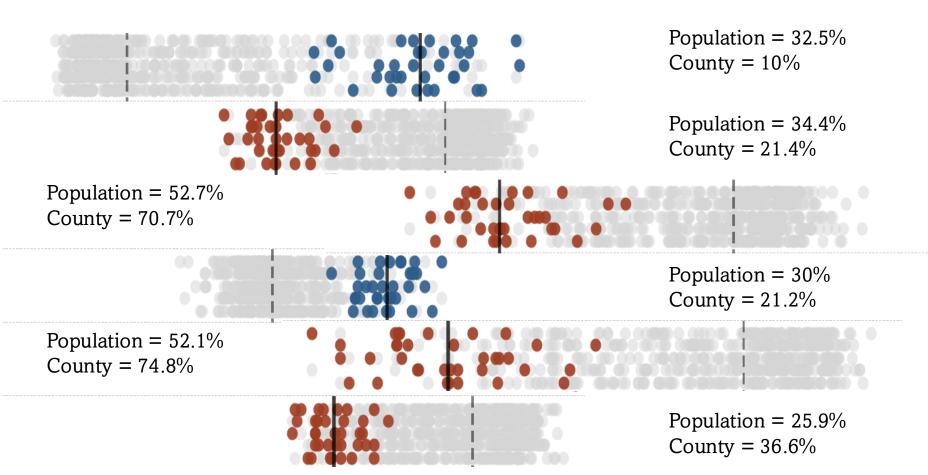
Older adult men aged >=65 years who are up to date on a core set of c..

Fecal occult blood test, sigmoidoscopy, or colonoscopy amo..

Obesity among adults aged >=18 years

Visits to dentist or dental clinic among adults aged >=18 years

Older adult women aged >=65 years who are up to date on a core set of c..



Query: Show me the census tracts with the Lowest Preschool Enrollment

Older adult women aged >=65 years who are up to date on a core set of c..

All teeth lost among adults aged >=65 years

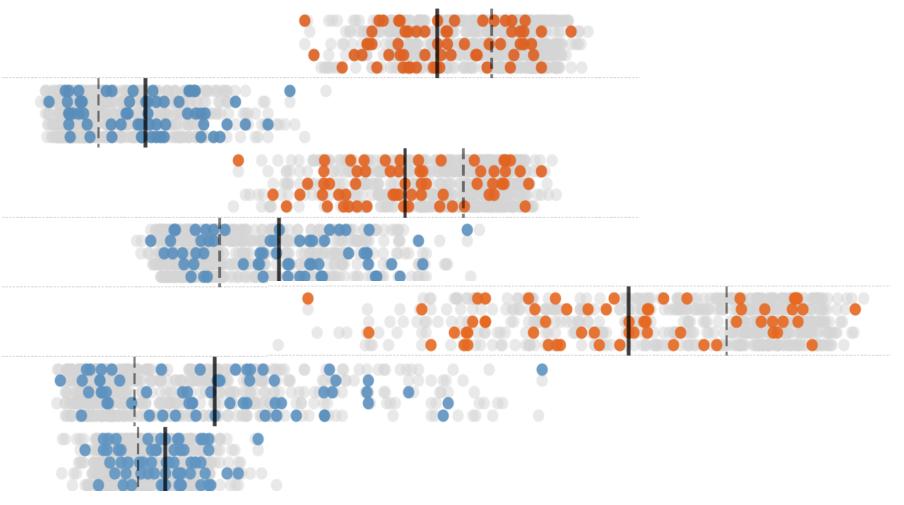
Older adult men aged >=65 years who are up to date on a core set of c..

No leisure-time physical activity among adults aged >=18 years

Visits to dentist or dental clinic among adults aged >=18 years

Current lack of health insurance among adults aged 18-64 years

Current smoking among adults aged >=18 years



Query: Show me the census tracts with the Lowest Preschool Enrollment

Older adult women aged >=65 years who are up to date on a core set of c..

All teeth lost among adults aged >=65 years

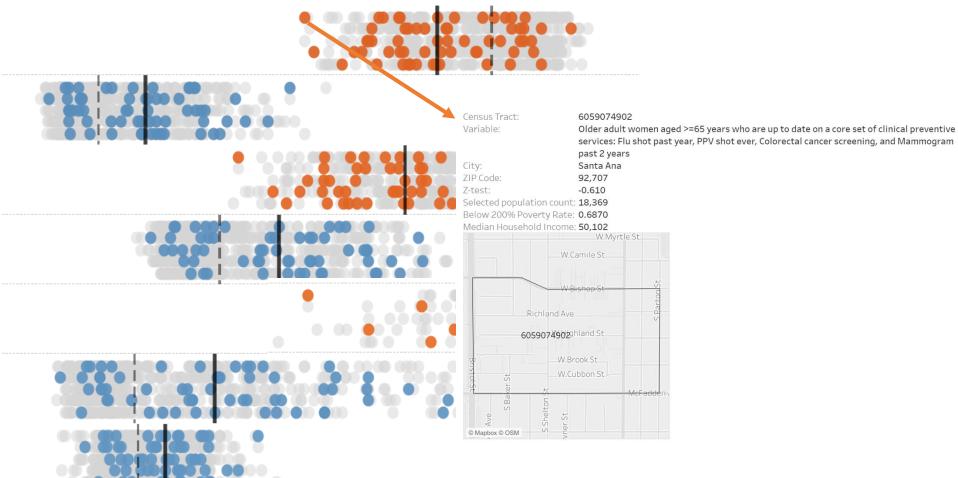
Older adult men aged >=65 years who are up to date on a core set of c..

No leisure-time physical activity among adults aged >=18 years

Visits to dentist or dental clinic among adults aged >=18 years

Current lack of health insurance among adults aged 18-64 years

Current smoking among adults aged >=18 years



FROM DATA TO ACTION TO IMPACT

PARTNERING WITH COMMUNITY

Delivering local data and insight that is meaningful, relevant and actionable



PARTNERING WITH COMMUNITY #1

ADVANCE OC PARTNERS WITH HEAAL TO CONDUCT FIRST EVER HEALTH NEEDS ASSESSMENT OF BLACKS IN ORANGE COUNTY



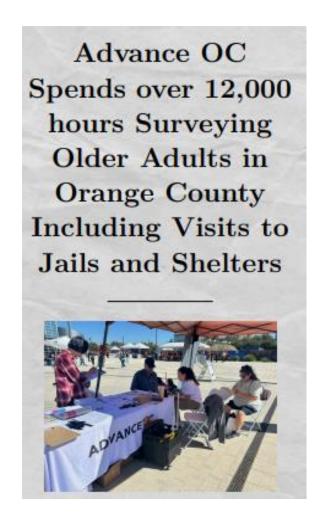
Health Equity for African Americans
League (HEAAL) was formed during
the pandemic by the five largest black
churches in Orange County to address
health disparities and under
investment in the Black community.

Read more

- ✓ Trusted messengers
- ✓ Co-creation of survey protocols
- ✓ Cultural sensitivity
- ✓ Affirmative privacy
- ✓ Continuous engagement



PARTNERING WITH COMMUNITY #2



- ✓ Overcoming multiple barriers (physical and cognitive disability, digital divide, language capacity, transportation)
- ✓ Inclusive modalities (proctored surveys in person, by telephone, through a surrogate/ caregiver/ interpreter, online)
- ✓ Cultural sensitivity, proactive protections, challenges in outreach and engagement
- ✓ Literacy and comprehension
- ✓ Continuous engagement

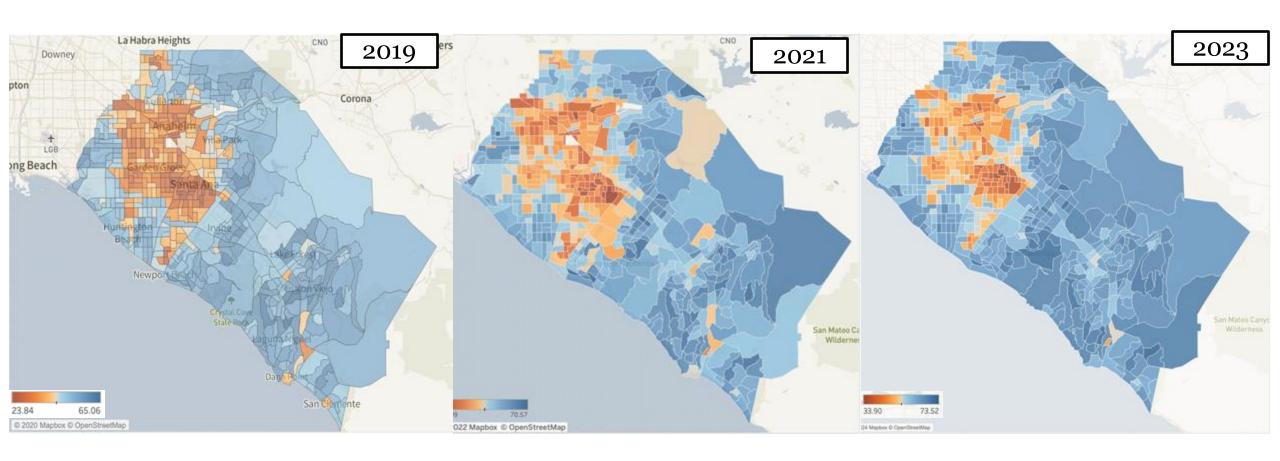


UNDERSTANDING SOCIAL DRIVERS OF HEALTH

How Socio-Economic (Dis)Advantages Manifest in Orange County



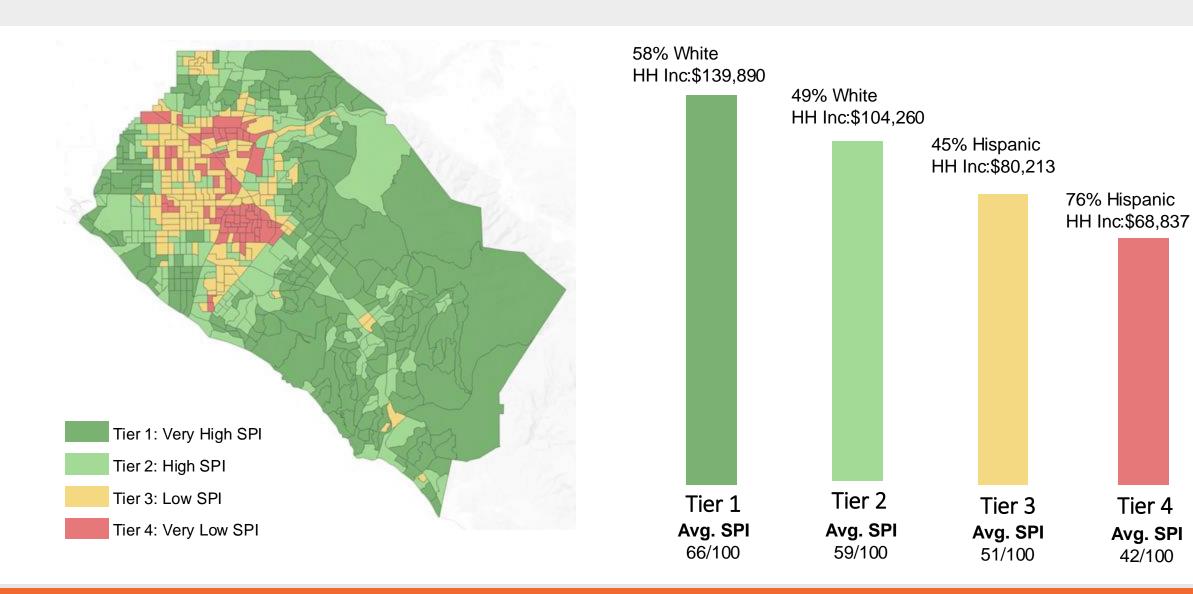
SOCIAL PROGRESS OVER TIME



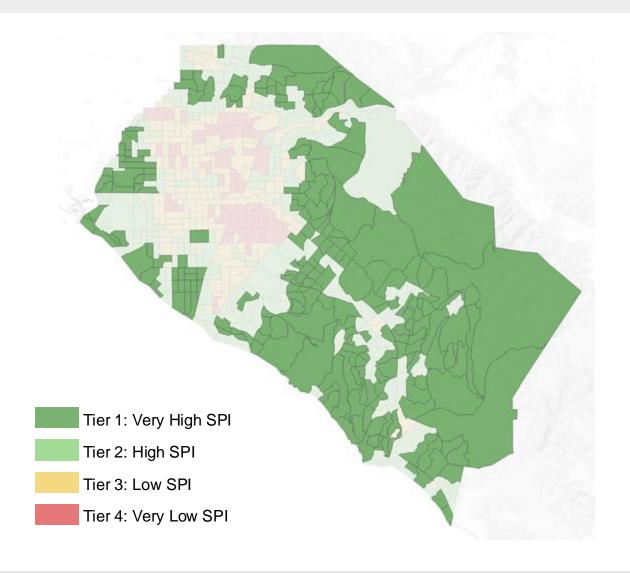




HOW ECONOMIC (DIS)ADVANTAGES MANIFEST



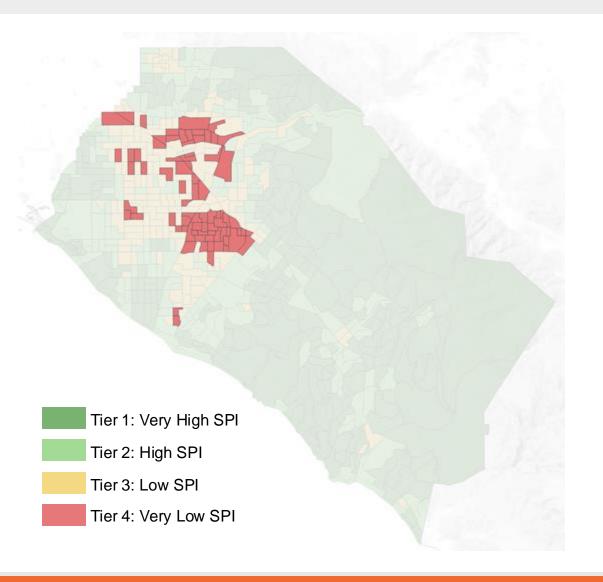
LIFE IN TIER 1: VERY HIGH SPI SCORES



My Profile: A 60% chance that I'm White

- 8 out of 10 residents are engaged in the labor market with at least a bachelor's degree
- 2. 52% chance of securing a loan as a small business owner
- 3. 49% average net new business growth per annum in my neighborhood
- 4. 56% likelihood of having diverse commercial activities in my neighborhood

LIFE IN TIER 4: VERY LOW SPI SCORES



My Profile: An 80% chance that I'm Hispanic

- 3 out of 10 residents are engaged in the labor market with at least a bachelor's degree
- 2. 42% chance of securing a loan as a small business owner
- 3. 46% average net new business growth per annum in my neighborhood
- 4. 45% likelihood of having diverse commercial activities in my neighborhood

BUILT ENVIRONMENT CONSIDERATIONS (Link)

Neighborhood Diagnostics: Why Geo-Mapping Matters





SOME STRUCTURAL DRIVERS OF THESE (DIS)ADVANTAGES IN OC

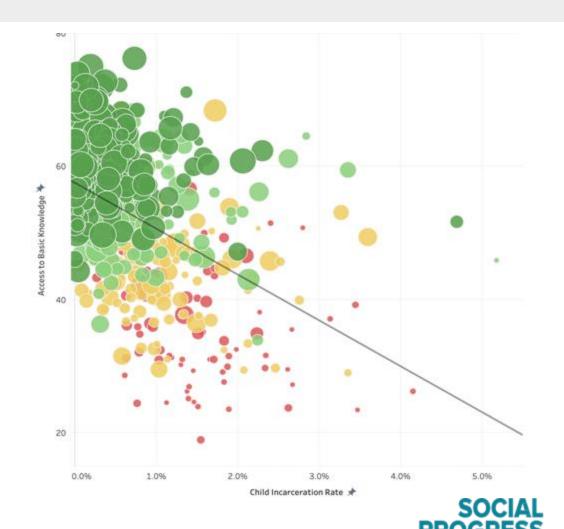




CHILDHOOD INCARCERATION

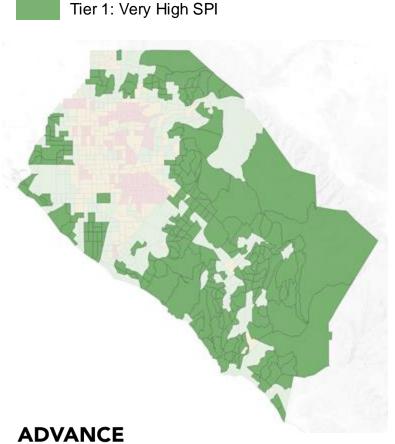


- 43% likelihood of being incarcerated as a child growing up in Tier 4 neighborhoods compared to others
- SPI predicts a key underlying driver—low access to basic knowledge for children in Tier 4 neighborhoods



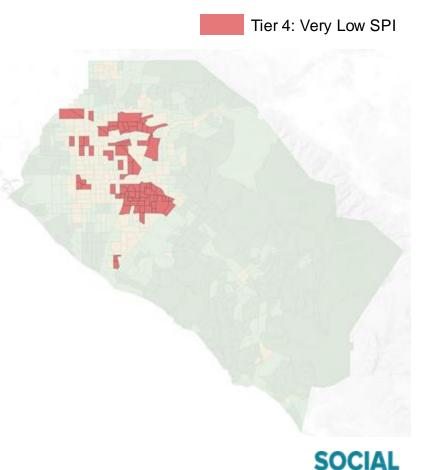


OPPORTUNITES FOR UPWARD ECONOMIC MOBILITY



OUR COMMUNITIES

- You'll earn 24% less at age 35 if you grew up in a poor household in Tier 4 neighborhoods compared to those in Tier 1 neighborhoods
- 19% likelihood for a low-income person in Tier 4 neighborhood to be friends with high-income people
- Pop Quiz: "Which SPI Components matter most to how low and high-income people connect and integrate??





"Where flowers bloom, so does hope."

Photo credit: Wall City
Poppy flowers grow outside of San
Quentin Rehabilitation Center

THANK YOU

