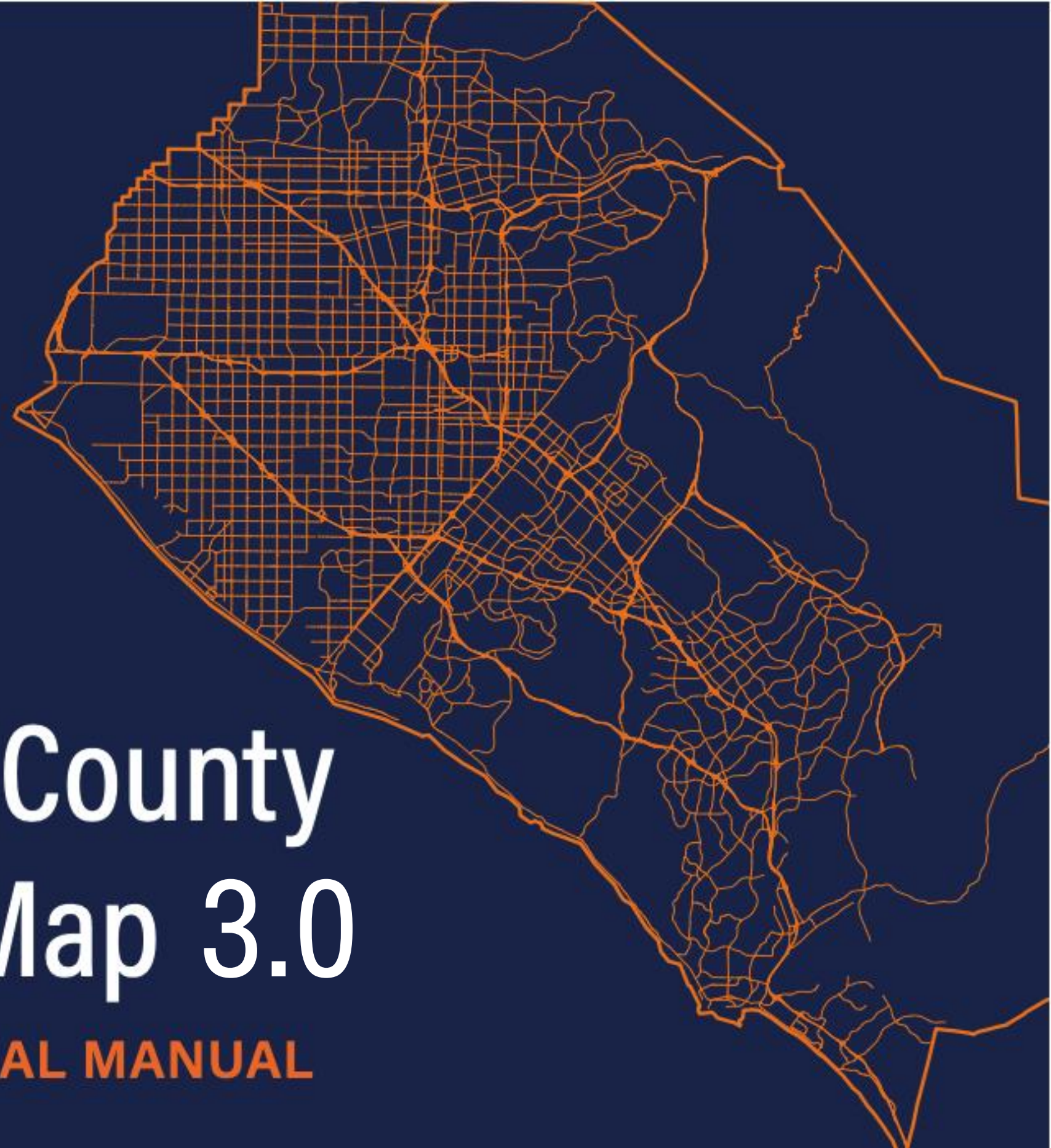




ADVANCE C



Orange County Equity Map 3.0

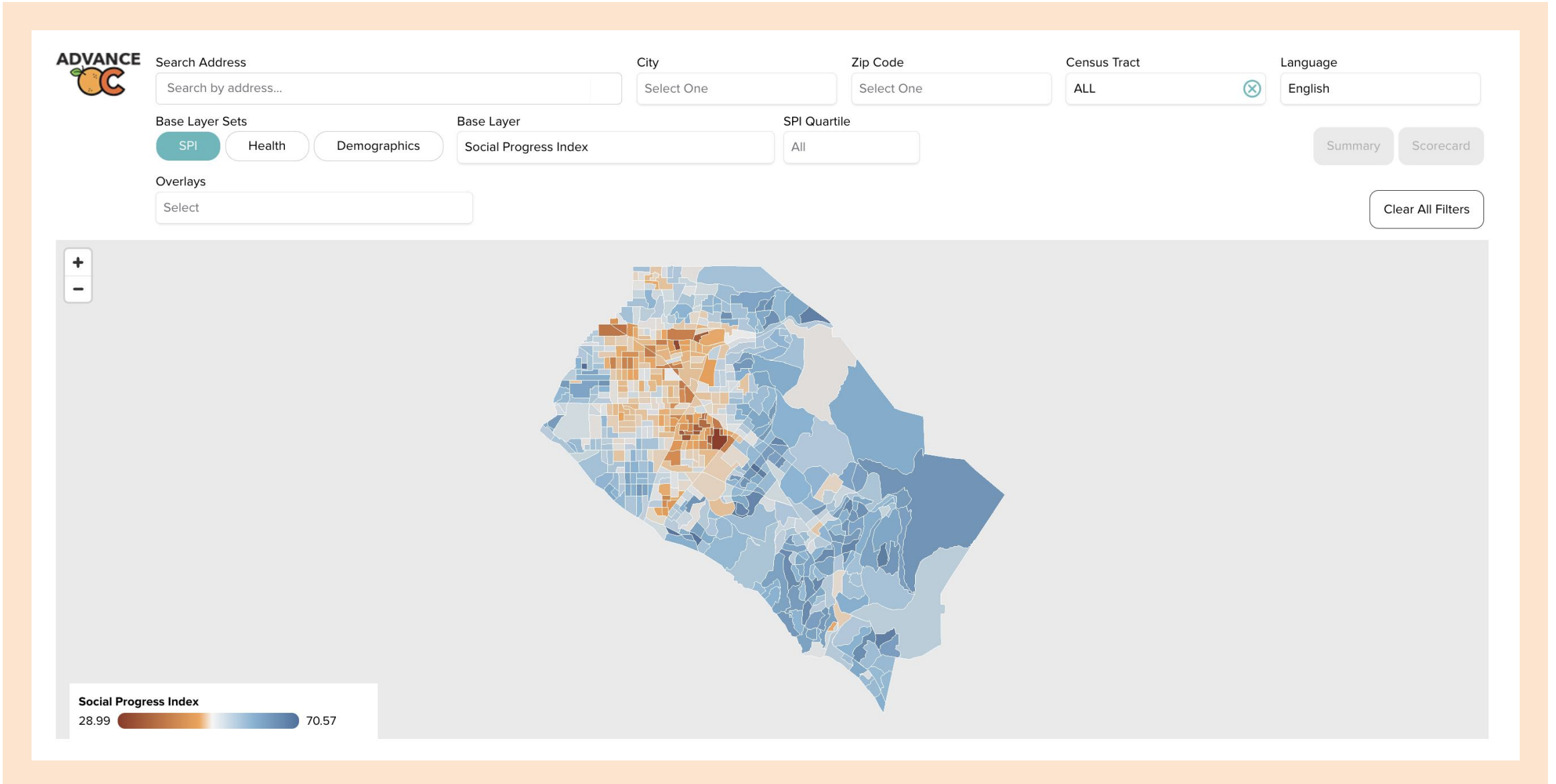
INSTRUCTIONAL MANUAL

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WHAT'S NEW?

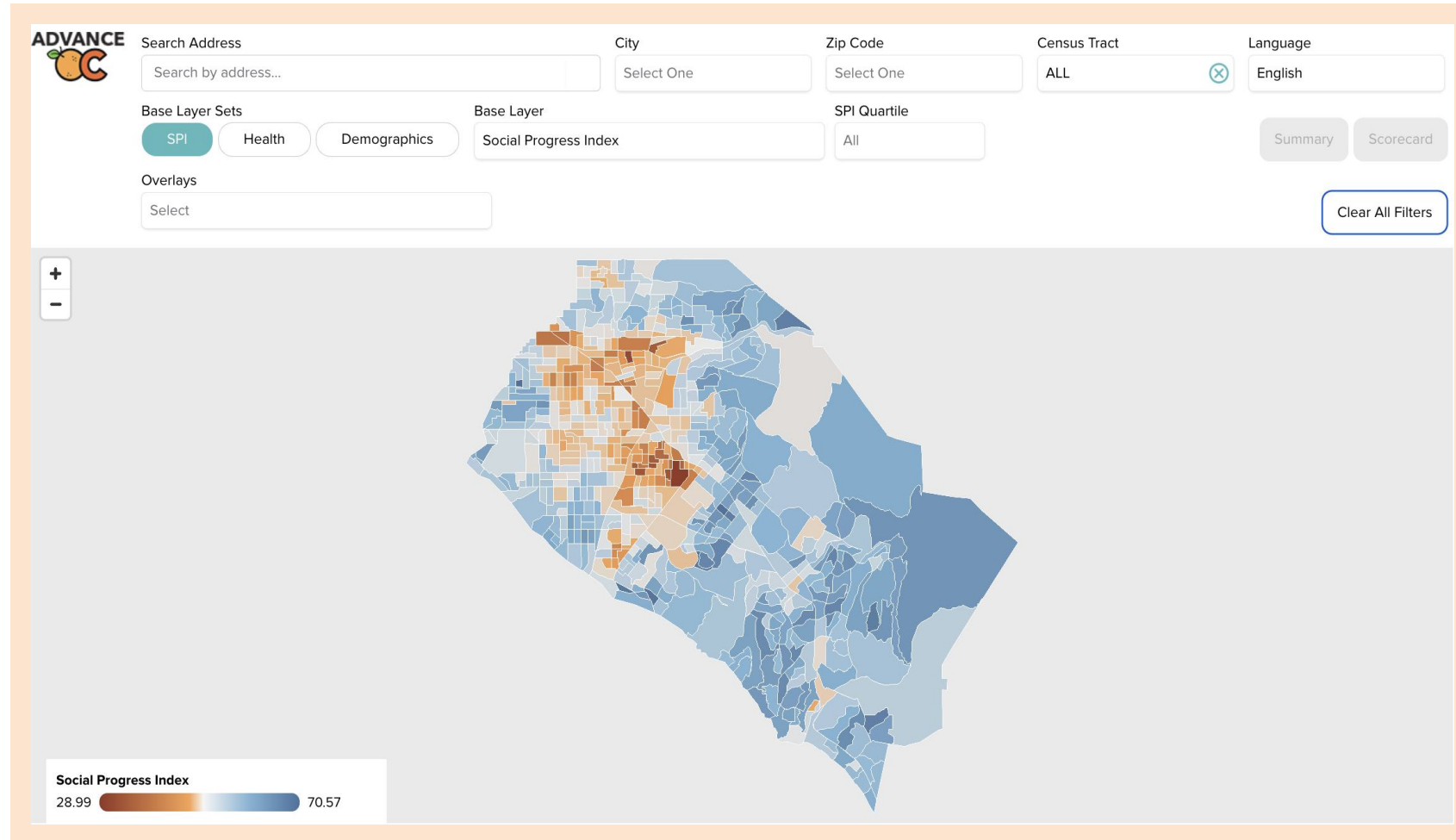
ORANGE COUNTY EQUITY MAP 3.0



The Orange County Equity Map 3.0 combines both the OC Equity Map and the Social Progress Index into one dynamic mapping tool. It displays the scores from the Social Progress Index (SPI), CDC Health Indicators, and population demographic across 613 census tracts while also allowing for various overlays, address searches, and scorecards. Detailed in this manual are the specific features of the mapping tool.

The default OC Equity Map displays SPI Scores for each census tract.

BACKGROUND INFORMATION



The **Orange County Equity Map (OC Equity Map)** is a data platform that spotlights social and health disparities in Orange County neighborhoods across multiple dimensions such as Housing, Health, Education, Environmental Quality and Public Safety. The interactive map visualizes Orange County into 613 census tracts (post-2020 decennial census) and displays the scores from the Social Progress Index (SPI), CDC Health Indicators, and population demographic data as well as overlays additional information that can be customized for a variety of different use cases.

The OC Social Progress Index (SPI) measures the relative levels of social progress for every city, zip code, and census tract in Orange County using a sophisticated framework of standardized indicators. A census tract is a geographical unit of measurement designed by the US Census Bureau to have a population range between 1,700 to 8,000 individuals with an optimum population size of 4,000. Census tracts are unique among geographic units in the United States in that they are explicitly designed for statistical comparison and analysis.

We combine 50+ social and environmental outcomes indicators to calculate an overall score for these tracts, based on tiered levels of scoring that include measures in health, safety, education, technology, rights, and more. The new web application was built to incorporate features previously housed in a Tableau dashboard.

HOW TO LOOK UP YOUR NEIGHBORHOOD SCORECARD

16

16300 Sand Canyon Avenue, Irvine, CA, USA

1602 Nisson Road, Tustin, CA, USA

1611 El Camino Real, Tustin, CA, USA

1600 East 1st Street, Santa Ana, CA, USA

1645 Valencia Avenue, Tustin, CA, USA

ADVANCE OC

Search Address **1** Search by address...

City **2** Select One

Zip Code **3** Select One

Census Tract **4** ALL

Language English

Base Layer Sets

SPI Health Demographics

Base Layer Social Progress Index

SPI Quartile All

Summary Scorecard

Overlays Select

For best results, view on a device with at least 1200px width and 750px height.

Clear All Filters

1 Searching by neighborhood is as simple as it was before. Just type in your **address** and the results will give you your social progress index scorecard. (e.g., your home address, your school, your workplace.)

2 The map can also be searched by City. Type in or select the city name on the drop down menu.

3 The map can be searched by Zip Code. Type in or select the Zip Code on the drop down menu.

4 The map can be searched by Census Tract. A census tract is a geographical unit of measurement designated by the US Census Bureau to have a population optimum size of 4,000.

BASE LAYER - SOCIAL PROGRESS INDEX & CDC HEALTH INDICATORS

ADVANCE Search Address City Zip Code Census Tract Language

Search by address... Select One Select One ALL English

Base Layer Sets Base Layer SPI Quartile

5 SPI Health Demographics **Social Progress Index** All

Summary Scorecard

Overlays Select

For best results, view on a device with at least 1200px width and 750px height. Clear All Filters

Map showing Social Progress Index data by census tract.

Base Layer

Social Progress Index

Social Progress Index

Foundations of Wellbeing

Environmental Quality

Nitrogen dioxide average annual concentration (ppb)

PM2.5 average annual concentration (µg/m3)

Ozone average 8-hour concentration (ppm)

Wildfire hazard potential

Carbon Footprint (metric tons CO2)

Health and Wellness

Cancer prevalence (% of adults)

Obesity prevalence (% of adults)

Diabetes prevalence (% of adults)

Poor mental health days

Vulnerable or at risk in physical health (% of children under 5)

Access to Basic Education

Eighth grade math proficiency (% of 8th graders)

Third grade language arts proficiency (% of 3rd graders)

5 The **Base Layer** default display is the composite **Social Progress Index** for each census tract. You can also select data for each of its individual **Dimension, Component, or Indicators** listed.

6 You can also select a variety of **CDC Health Indicators** such as **Stroke Prevalence** (as shown), Regular Health Visits, and Poor Mental Health 14+ Days as the **Base Layer**.

Base Layer

Stroke Prevalence

Health Outcomes

Stroke Prevalence

Diabetes Prevalence

High Blood Pressure Prevalence

Poor Physical Health 14+ Days

Cancer Prevalence (Except Skin)

Coronary Heart Disease

Asthma Prevalence

Regular Health Visits

Regular Dental Visits

Poor Mental Health 14+ Days

High Cholesterol Past 5 Years

COPD Prevalence

Chronic Kidney Disease Prevalence

Arthritis Prevalence

All Teeth Lost 65+

ADVANCE Search Address City Zip Code Census Tract Language

Search by address... Select One Select One ALL English

Base Layer Sets Base Layer

SPI Health Demographics **Stroke Prevalence**

Overlays 6 Select

Summary Scorecard

Clear All Filters

Map showing Stroke Prevalence data by census tract.

BASE LAYER - DEMOGRAPHICS

The screenshot shows the ADVANCE web application interface. At the top left is the ADVANCE logo. Below it are search fields for 'Search Address', 'City', 'Zip Code', 'Census Tract', and 'Language'. The 'Base Layer Sets' section includes buttons for 'SPI', 'Health', and 'Demographics'. The 'Base Layer' dropdown menu is open, showing 'Total Population' selected. A red box highlights the 'Total Population' option. To the right of the map is a sidebar with a list of demographic categories: General, Total Population, Median Household Income, % Foreign Born, Poverty Rate, % with Disabilities, % Hearing/Vision Difficulty, % Cognitive Difficulty, % Ambulatory Difficulty, % Self Care Difficulty, Ethnicity, % White Population, % Black Population, % Asian Population, % Hispanic Population, % Hawaiian/Pacific Islander, % American Indian/Alaskan Native, Age Group, Age Under 19, Age 20-59, and Age Over 60. A red circle with the number '7' is placed over the 'Demographics' button and the 'Total Population' dropdown option.

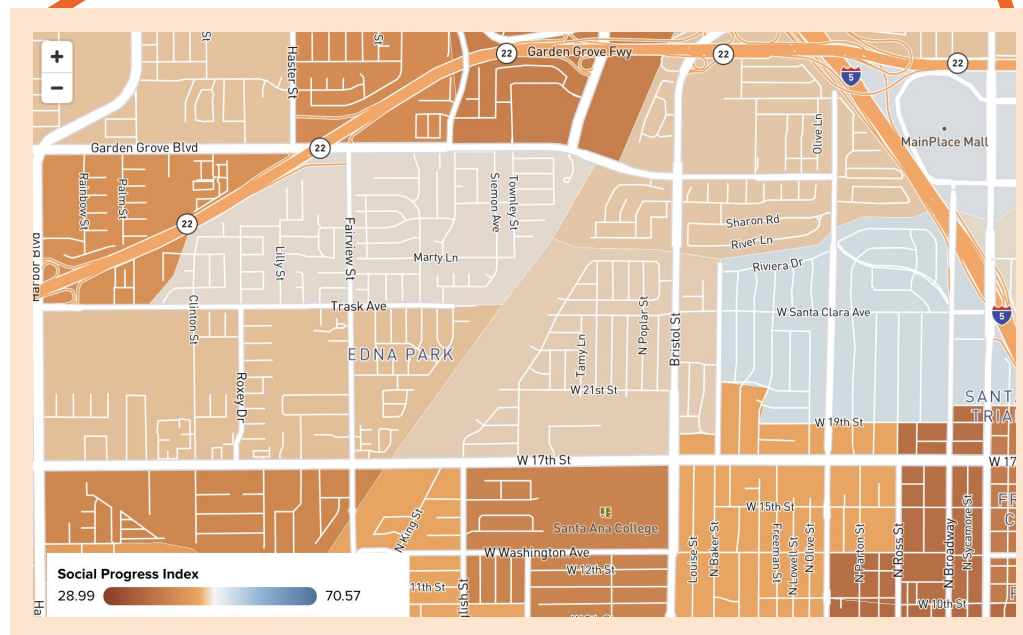
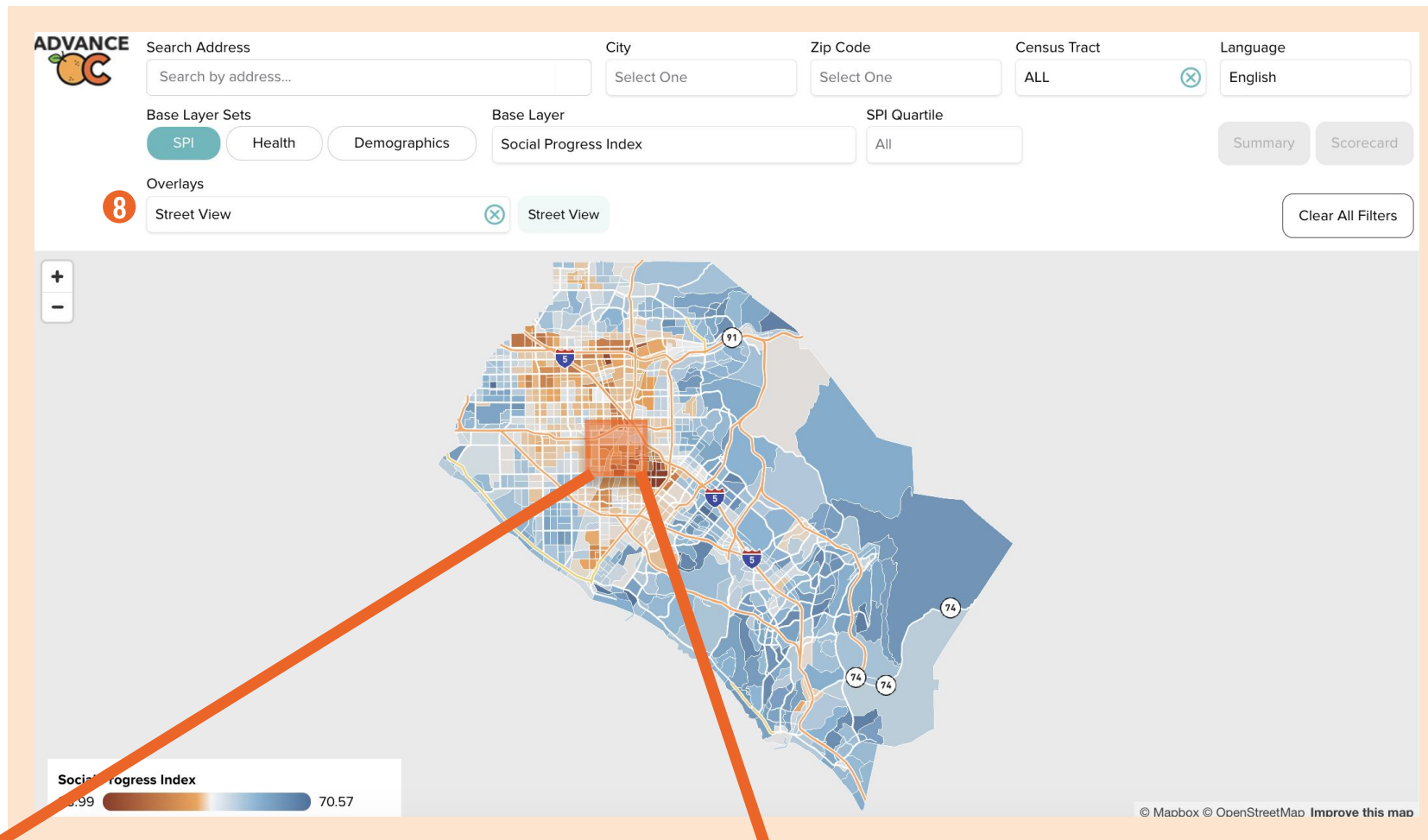
7 The **Base Layer** also displays **Demographic** data sourced from the American Community Survey (2022 release, US Census Bureau) You can view data such as Race/Ethnicity, Age Group, and Median Household Income.

Note: Demographic information can also be found by hovering over the census tracts on the map.

The screenshot shows a map of census tracts with a tooltip displaying demographic data for a specific tract (6059052430). The tooltip lists various demographic metrics and their values. A red box highlights the tooltip. At the bottom left of the map is a 'Social Progress Index' legend with a color scale from 28.99 to 70.57.

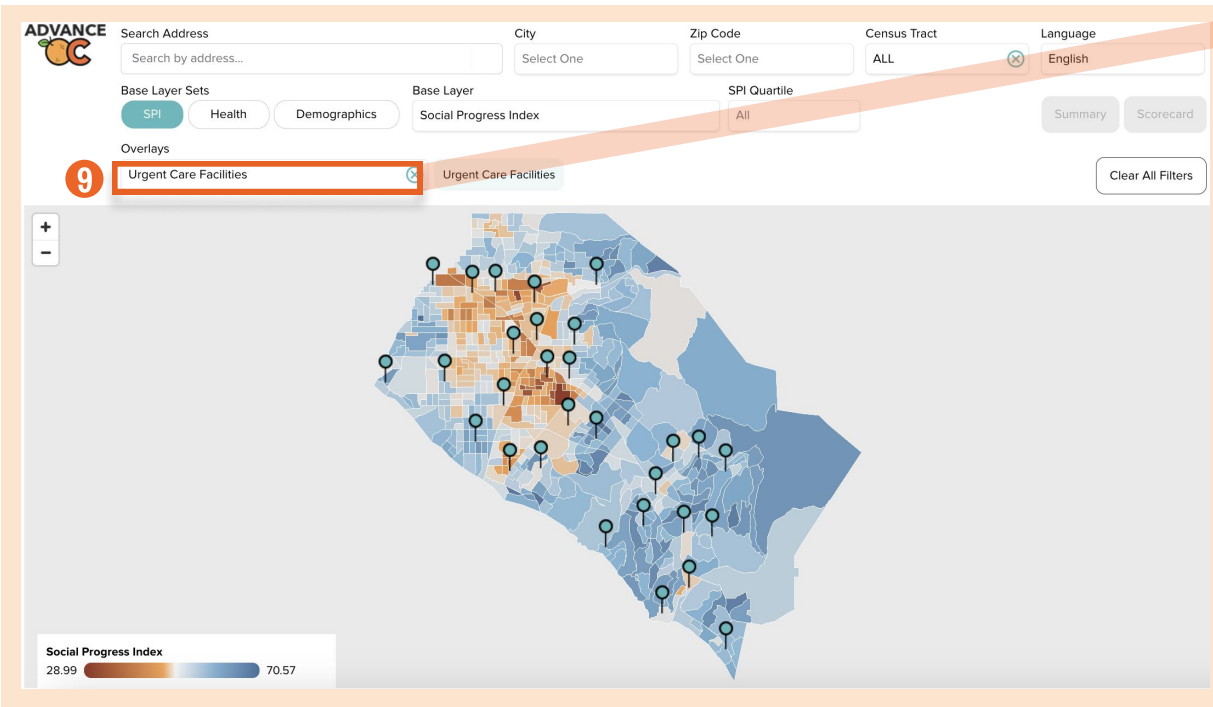
Census Tract	6059052430
Base Layer	55.25
Total Population	16,631
Median Household Income	\$79,550
% White Population	41.60%
% Black Population	0.60%
% Asian Population	48.40%
% Hispanic Population	8.00%
% Hawaiian/Pacific Islander	0.00%
% American Indian/Alaskan Native	0.00%
Age 20-59	57.70%
Age Over 60	9.50%
% Foreign Born	33.90%
Poverty Rate	3.50%
% with Disabilities	2.00%
% Hearing/Vision Difficulty	0.70%
% Cognitive Difficulty	0.80%
% Ambulatory Difficulty	1.50%
% Self Care Difficulty	2.10%

OVERLAYS - STREET VIEW



8 You can further analyze the data using the **Overlays**. One unique feature of this map is a **Street View**. This overlay allows you to see all streets in the county, providing a better visualization of neighborhood data.

OVERLAYS - PUBLIC RESOURCES & SCHOOL DISTRICTS

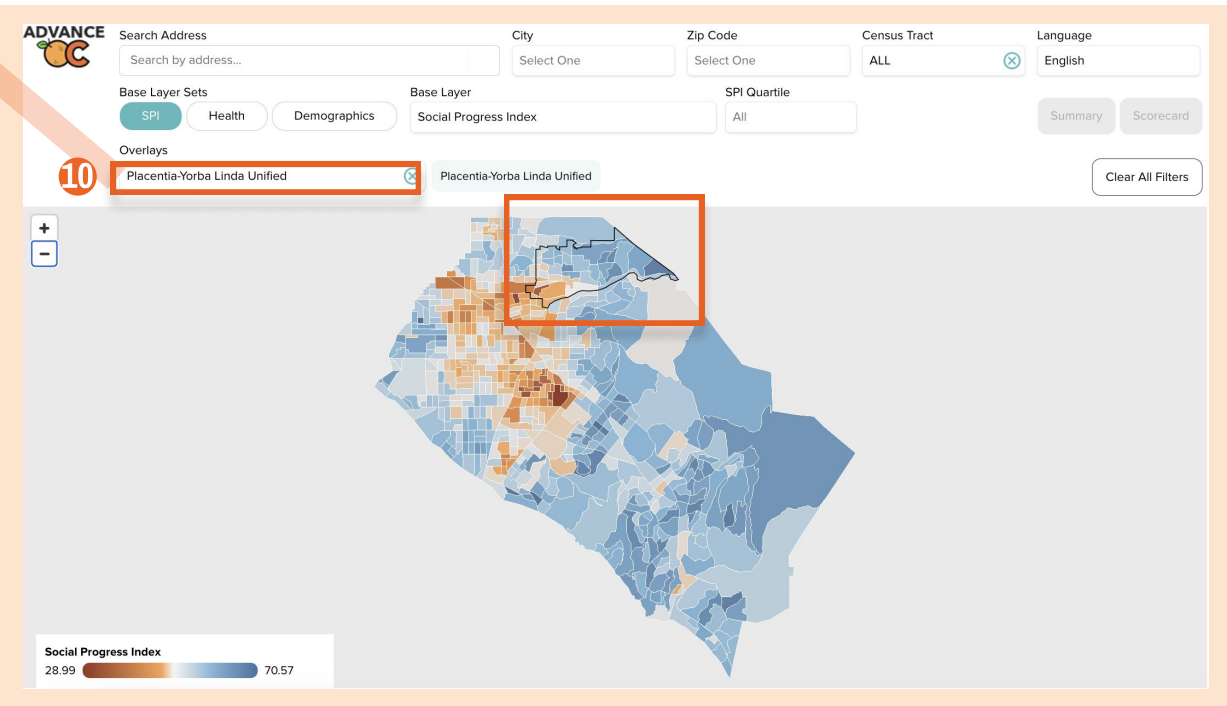


9 Overlays also includes **County & Public Health Resources** such as Urgent Care Facilities and various HCA Sites. The locations appear as pins on the map interface.

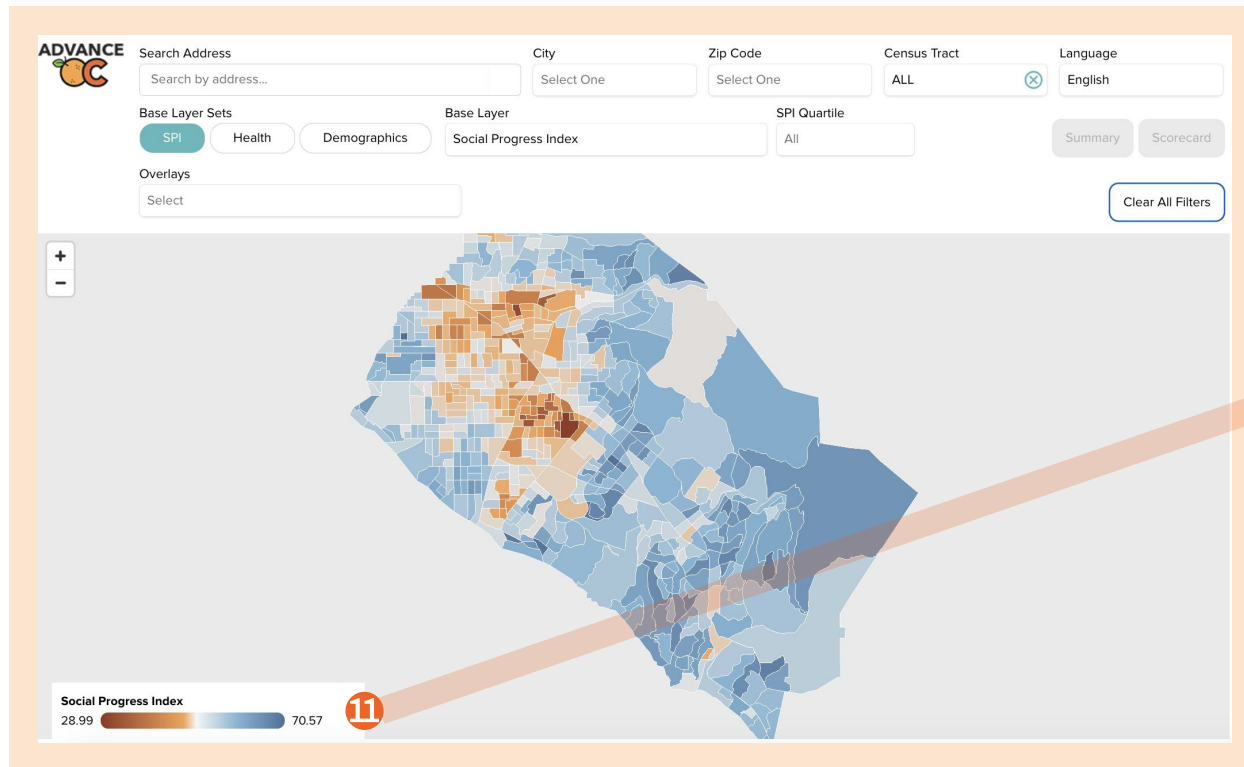
- County & Public Resources
- Urgent Care Facilities
- Long Term Care Facilities
- Home Health Agencies and Hospice
- Dialysis Centers
- Community Clinics
- Veterans Health Administration
- Hospitals
- HCA Sites
- HCA Sites BHS
- HCA Sites CHS
- HCA Sites HCA
- HCA Sites MHS
- HCA Sites OCC
- HCA Sites PHS

10 Overlays also includes all of the **School Districts**. School Districts appear as black outlines on the map interface.

- School Districts
- All
- Brea-Olinda Unified
- Placentia-Yorba Linda Unified
- Los Alamitos Unified
- Garden Grove Unified
- Santa Ana Unified
- Saddleback Valley Unified
- Laguna Beach Unified
- Irvine Unified
- Newport-Mesa Unified
- Capistrano Unified
- Tustin Unified
- Orange Unified
- Lowell Joint / Fullerton Joint Union High
- La Habra City/ Fullerton Joint Union High



ADDITIONAL FEATURES



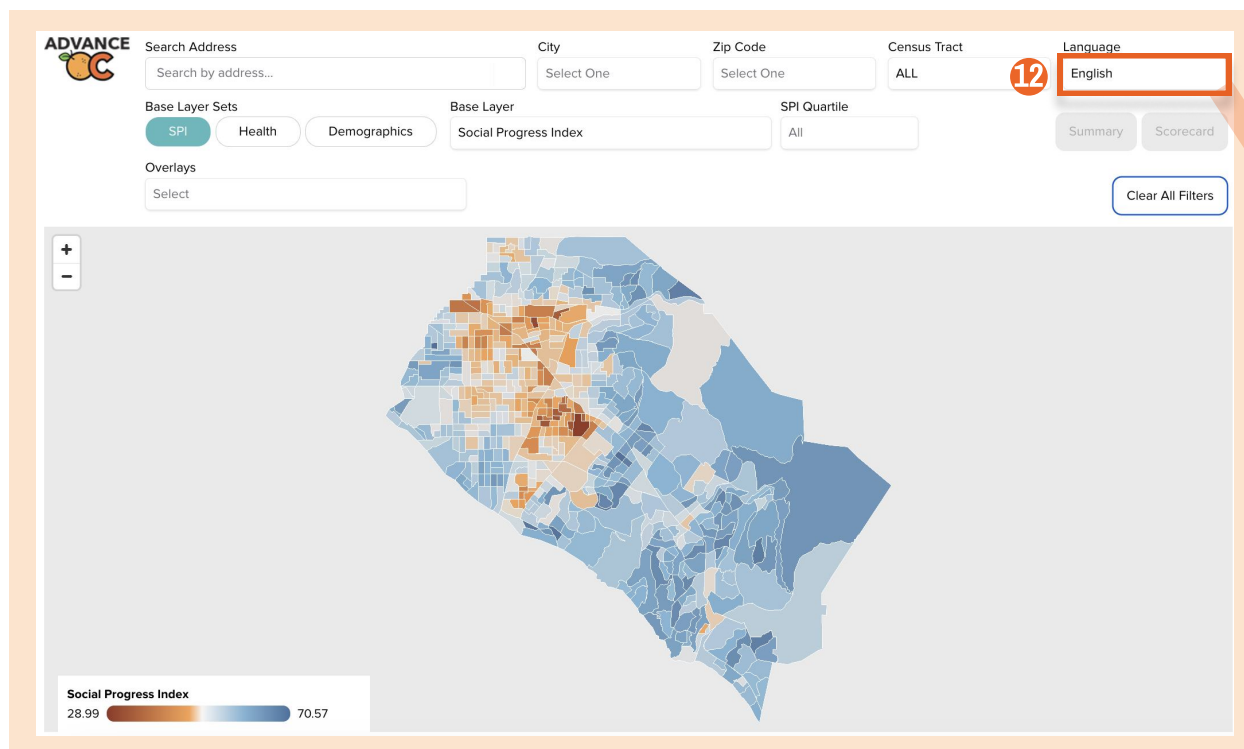
11 The **legend** displays the range for the Base Layer selected. Low values are shown in shades of orange and high values are shown in shades of blue. It is incorrect to always interpret orange data points or low scores as “bad” or as a “less desirable” outcome. For example, low housing overcrowding or low cancer prevalence is not “bad.” Remember to read the Legend in the context of the indicator you are analyzing.

Low values on the map are shown in shades of orange and high values are shown in blue. Darker shades of orange or blue represent a lower or higher value than the median value for all census tracts which is depicted in grey. It is important to note that low or high values do not necessarily correspond to bad or good scores. Each value should be considered within the context of the indicator selected and its definition.

Social Progress Index
28.99 70.57

Sources: SPI, CDC PLACES Local Data, American Community Survey, First 5 OC, OC Health Care Agency and CA Opportunity Zone

Hovering over the legend will display a pop-up with the legend description and sources



12 Scorecards are available in **5 languages**. Translations are updated regularly.

Language

English

English

Español

한국인

Tiếng Việt

简体中文

繁體中文

SUMMARY SCORECARD

SOCIAL PROGRESS SUMMARY

Census Tract :
6059052437

Cities: ANAHEIM, ORANGE, YORBA LINDA
Zip Codes: 92602, 92808, 92887
Median Household Income: \$73,033

SPI 60 / 100 | **RANK** 114 / 613

Legend for peer group comparison:

- Expected
- Overperforming
- Underperforming
- Very Overperforming
- Very Underperforming

See Scorecard

Basic Human Needs

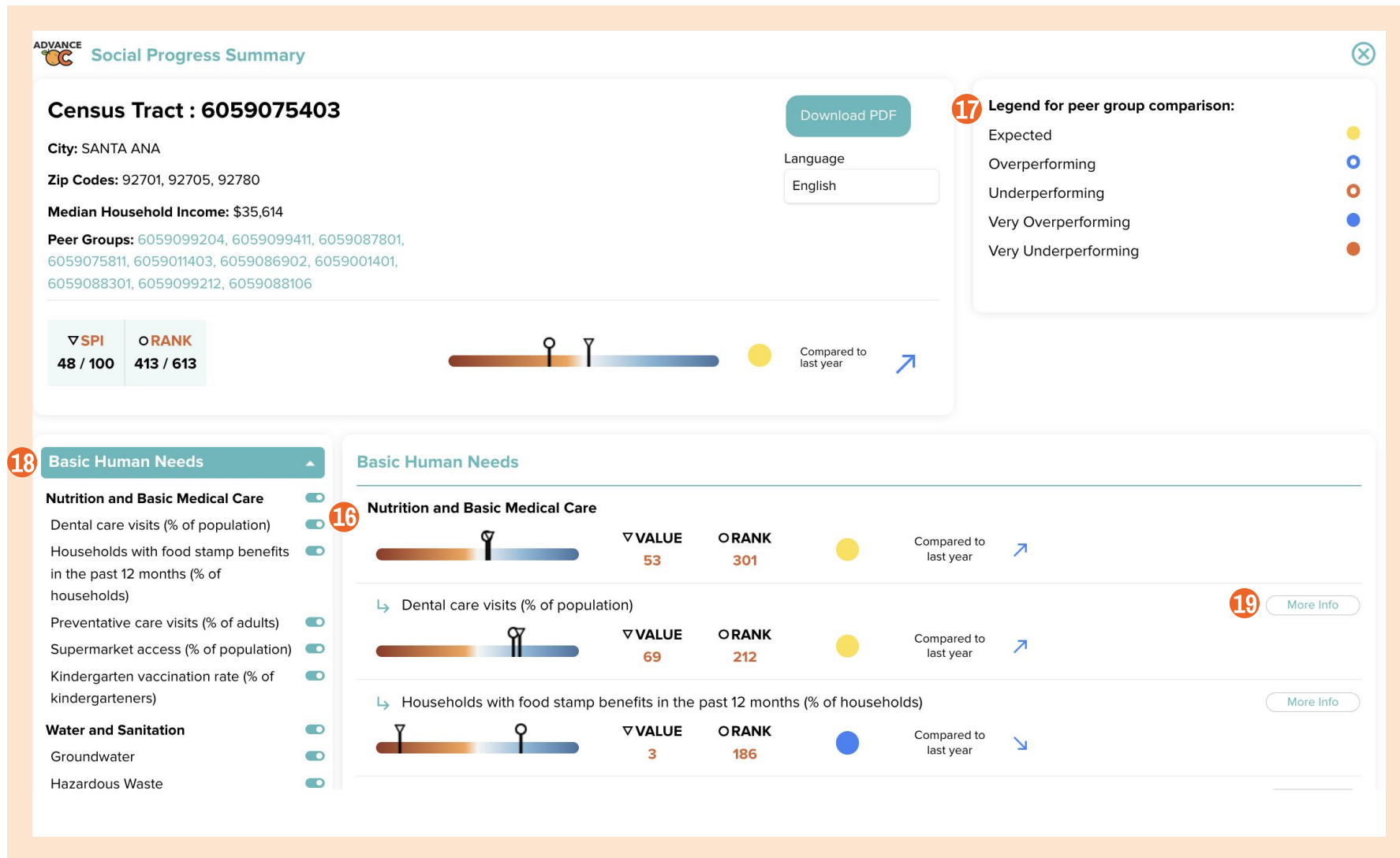
	Value	Rank	
	62	221	
Nutrition and Basic Medical Care	54	242	
Water and Sanitation	91	122	
Housing	50	327	
Personal Safety	59	247	

13 A **summary** window will appear after entering the desired address with the census tract number, city and zip code associated with the address in the search field.

14 The **SPI Score** and **Rank** of the census tract will also be display on the left-hand side of the summary scorecard, followed by scores for all three Dimensions and the four Components.

15 **See Scorecard** will produce a complete scorecard for your chosen address.

FULL NEIGHBORHOOD SCORECARD



16 For every data dimension, component, and indicator, users will see the **value, rank and corresponding legend** compared to the rest of the county.

18 A **Toggle Menu** is available on the left side of the Scorecard that allows you to choose which Components and Indicators you would like to have displayed.

17 Each census tract is scored against a peer group of 10 other census tracts in Orange County with the most similar Median Household Income. The **Relative Strength/Weakness indicator** (Blue for Overperforming and Red for Underperforming).

19 More information on in the indicators is now provided through a **"More Info"** button on the right of each indicator.



#EquityinOC

#EquityinOrangeCounty #EquityinOurCommunities

Use the OC Equity Map Tool at

OCEquityMap.com

ADVANCE

