

Tacoma Equity Index



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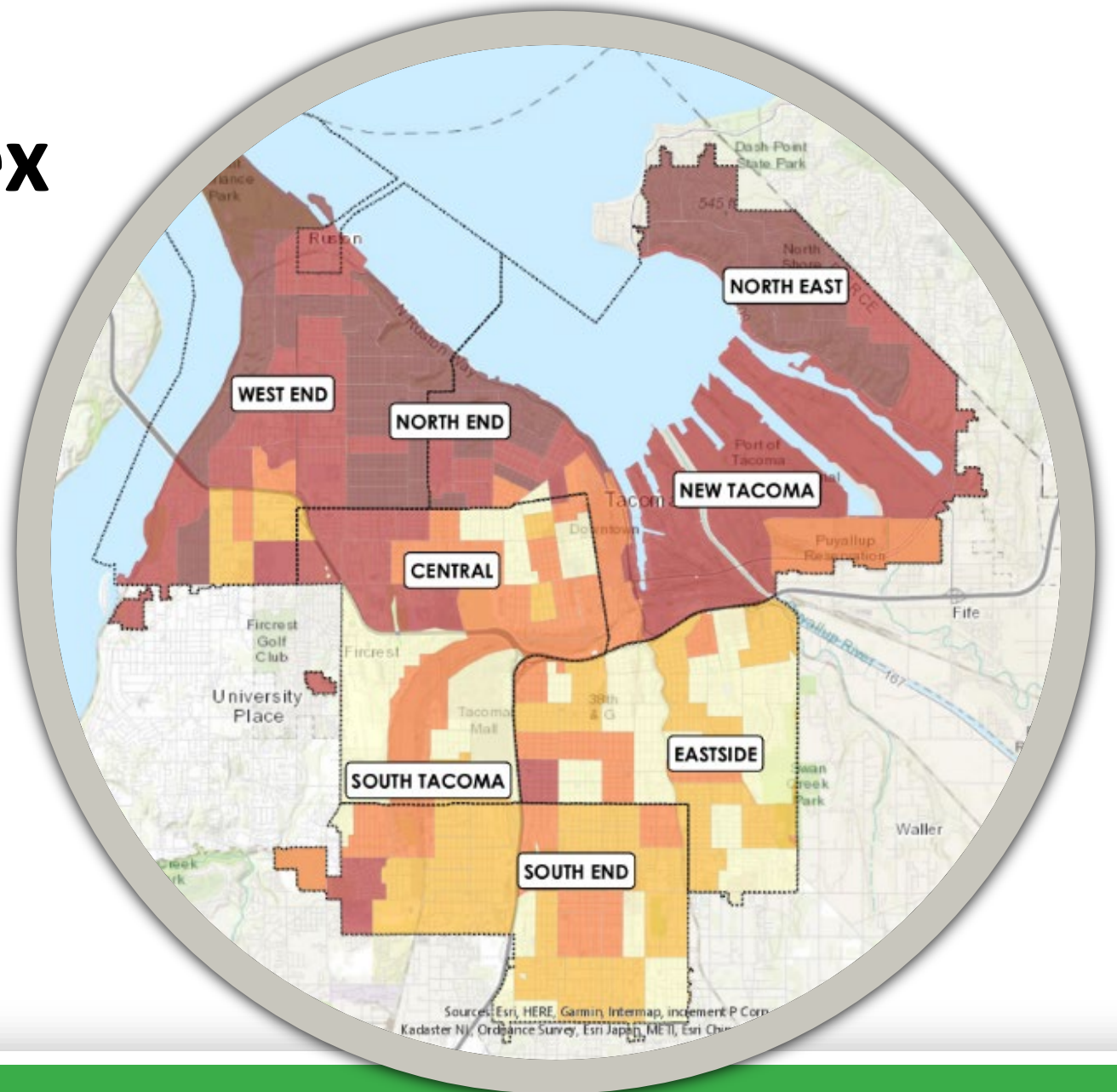
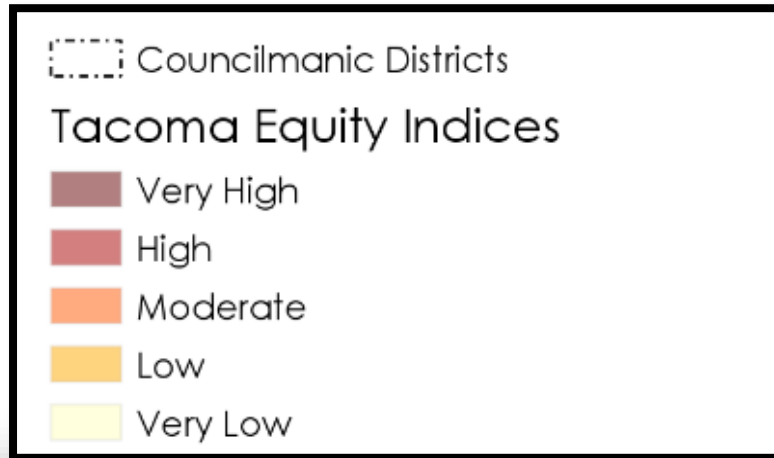
shared vision | shared future

Agenda

- What is the equity index
- What's new
- Why do we use the equity index
- How can you utilize the equity index

Tacoma Equity Index

- Highlights areas of higher and lower opportunity
- Guides equitable service delivery and resource allocation

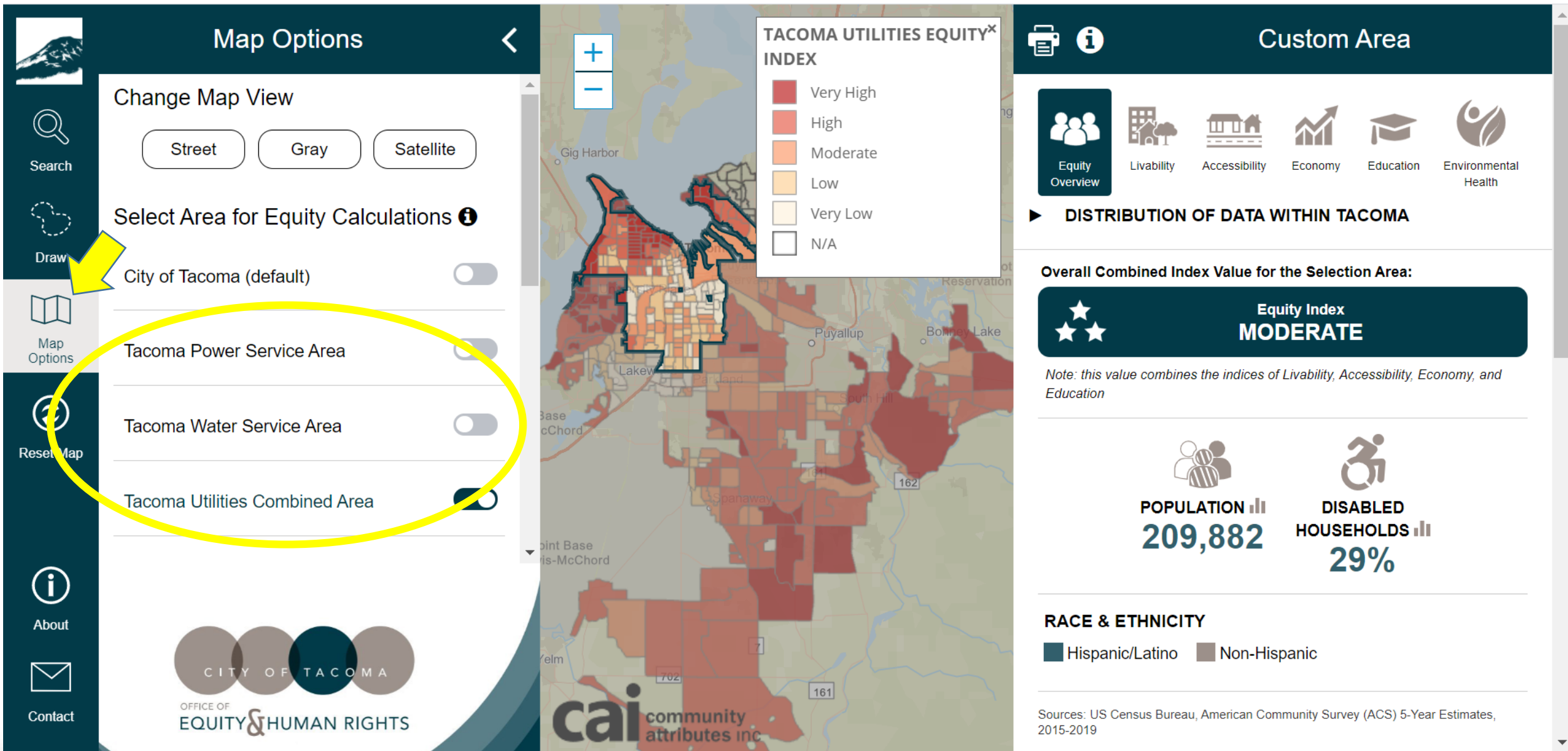


What is the Equity Index?

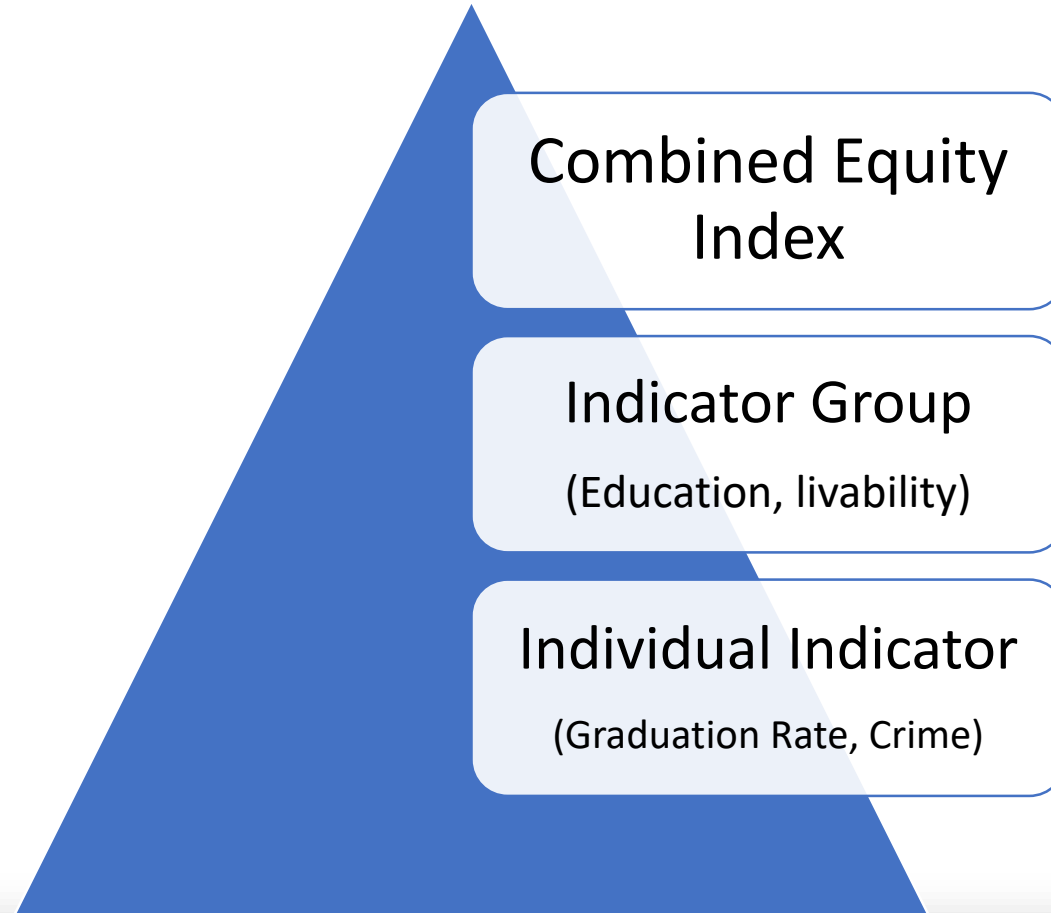
- 29 Indicators by Determinant Categories
- 197 Scored Census Blocks (City index)
- 5 Equally Weighted Determinant Categories based on our strategic priorities
- Racial Demographics Overlay

What's New in the Update?

- User interface changes to the self-service tool be easier to use
- Updated datasets from the original 2018 map
- 9 new environmental indicators, creating a 5th scored determinant category
- New equity map layers for TPU water service area, Power service area, and combined service area
 - County Level Index coming soon



Equity Index Data Layers



Purpose of the Equity Index

Tacoma is an inclusive and equitable place to

Live, Learn, Work, and Play

Identify and Track Disparities

- Identify disparities in outcomes faced by those most likely to experience inequity and track them over time

Support Data-Driven Decision-Making

- Guide decisions about the allocation of resources and policy development

Increase Transparency and Accountability

- Increase transparency and accountability and give communities tools to share in successes and advocate for change

Tacoma 2025 Goal Areas



Livability



Economy &
Workforce



Education



Civic Engagement



Accessibility & Equity



Livability

- Nuisance
- Crime Index
- Median Home Value
- Housing Cost Burden
- Average Life Expectancy
- Urban Tree Canopy

Education

- Student Mobility Rate
- 4-Years High School Graduation Rate
- Average Student Test Rate
- Percent of 25+ with Bachelor Degree or More

Environmental Health

- Non-Diesel Emissions
- Ozone
- PM2.5
- Heavy Traffic
- Toxic Releases
- Home Lead Risk
- Proximity to Hazardous Waste Treatment Storage/Disposal
- Proximity to Superfunds
- Proximity to Risk Mgmt Facilities

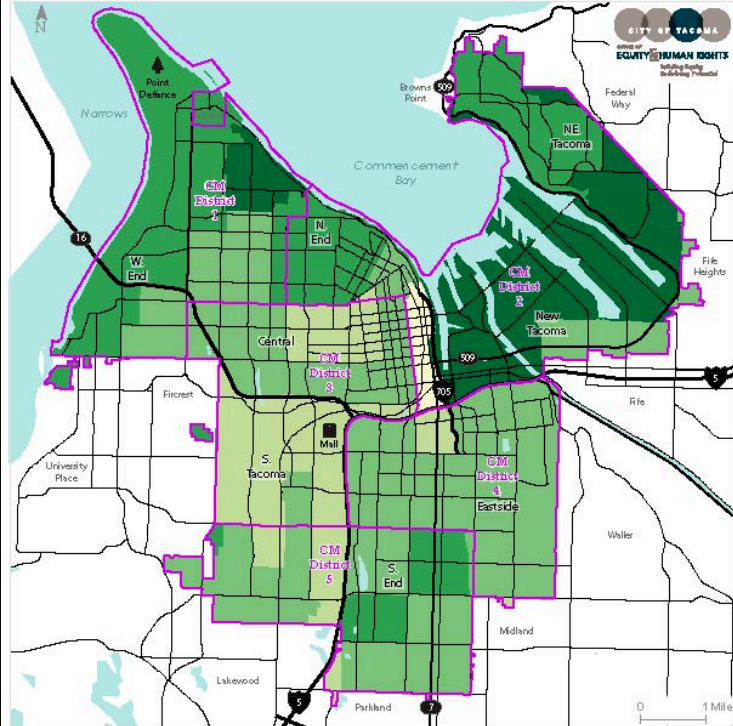
Economy

- Employment/Job Index
- Unemployment Rate
- Median Household Income
- 200% of the Poverty

Accessibility

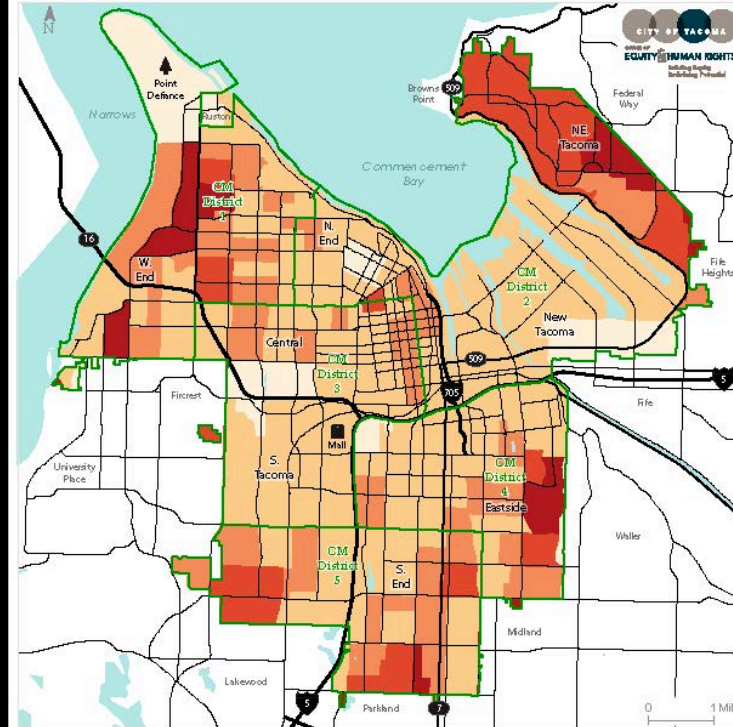
- Parks and Open Spaces
- Access to Healthy Food
- Average Road Condition
- Home Internet (Digital Access)
- Voter Participation
- Transit Options

Tacoma Average Life Expectancy



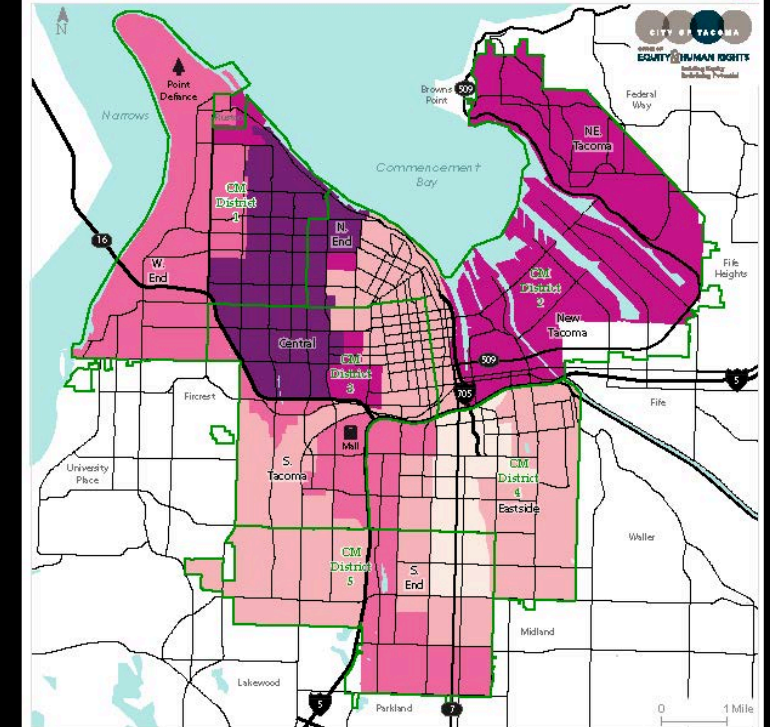
Source: U.S. Small-area Life Expectancy Estimates Project - 2010-2015 Averages

Tacoma Average Road Quality



Source: City of Tacoma Department of Public Works

Tacoma 7th Grade Math Proficiency



Source: Washington State School Report Cards, Tacoma Public Schools Attendance Zones

What Can the Equity Index Do For You?

Policy Analysis

Planning

Prioritize Funding

Prioritize New Installations

Prioritize Services

**COVID Relief
Distribution**

Grant Allocation

Loan Distribution

Budgeting

**Resource Planning
Schedule Asset Repairs**

Outreach

Racial Equity Action Plans

Identify Service Impacts

Identify Service Gaps

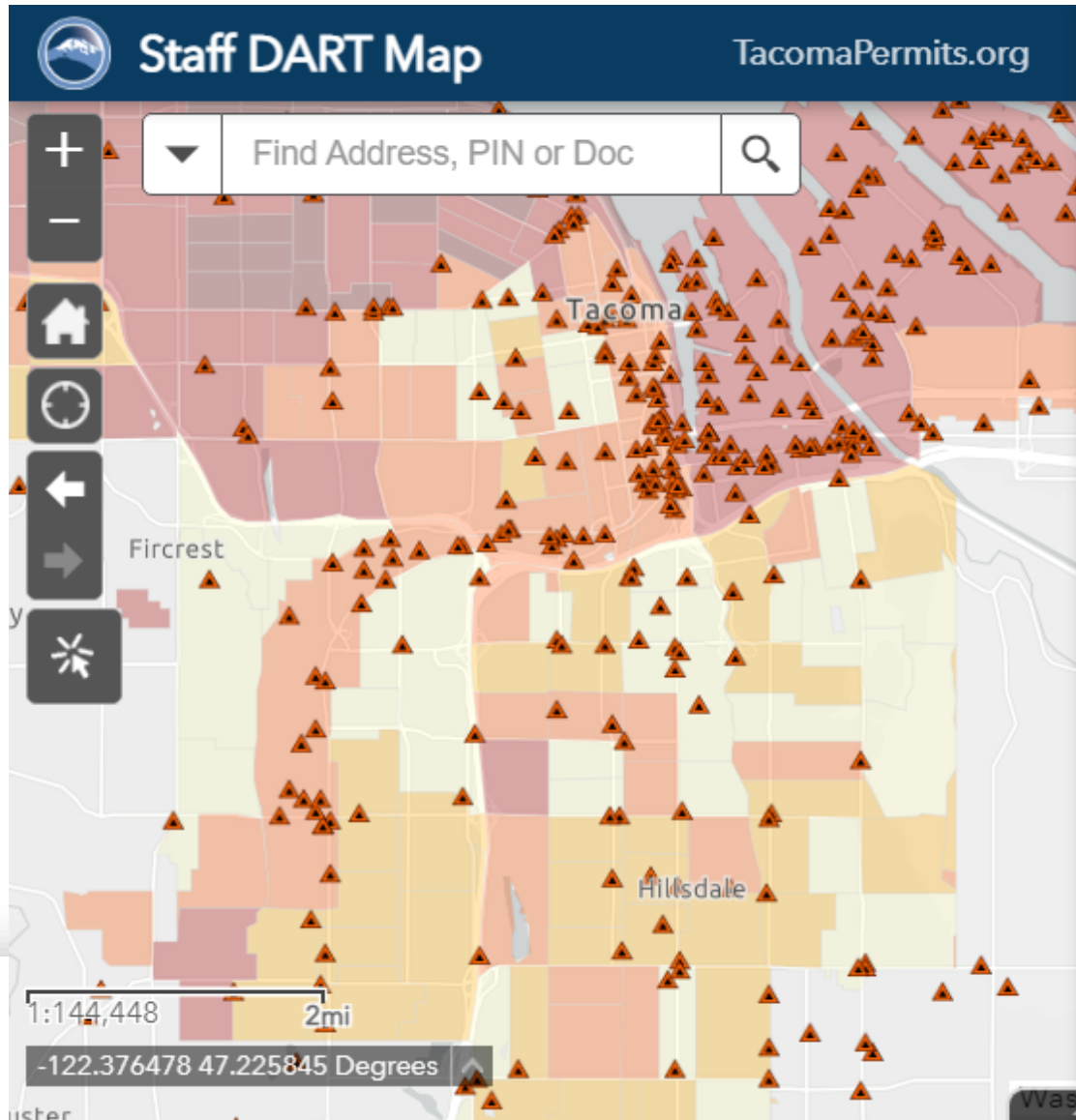
Propose New Programs

Program Justification

What Can the Equity Index Do For You?

Usage	Description	Best Use
Use Index As-Is	Use an existing tool to view the data for your own analysis (<i>no mapping expertise required</i>)	Identify where your data falls in the equity index
Combine Index with Your Data	Add the index scoring to your data for viewing in a table or map format (<i>some mapping expertise required</i>)	Prioritize and make decisions

Use Index As-Is – Self Service



Layer List

Layers

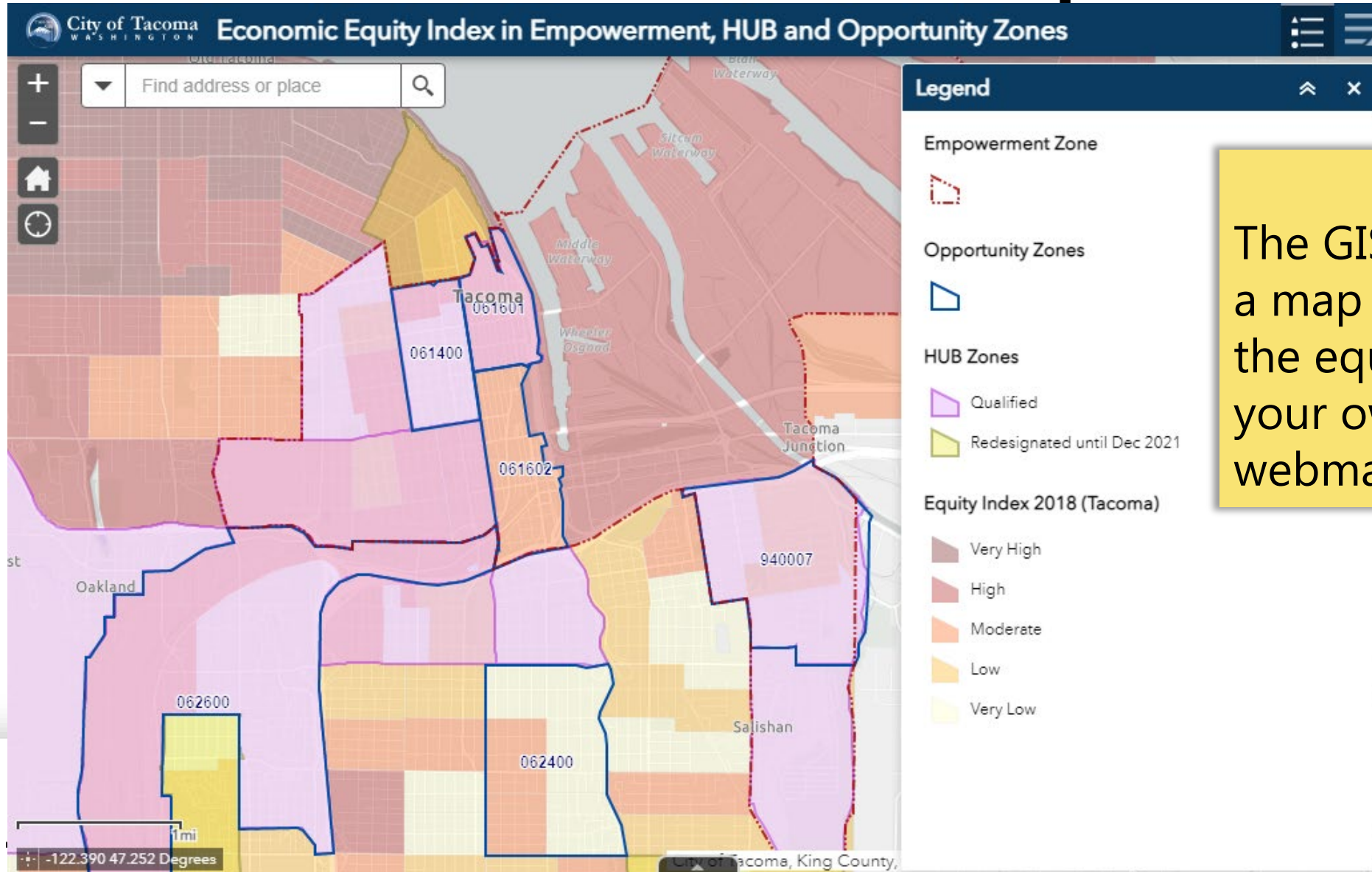
- ☒ Contaminated Sites (Ecology)
- ☐ Tacoma Overlay Data
- ☐ Councilmanic Districts
- ☒ Tacoma Equity Indices
- ☐ Tacoma Accessibility Index
- ☐ Tacoma Parks & Open Space Index
- ☐ Tacoma Healthy Food Access for Groceries
- ☐ Tacoma Transit Options & Access Index
- ☐ Tacoma Average Road Quality
- ☐ Tacoma Voter Participation of Registered Voters

Self Service Analysis

Make your own maps using the DART Staff mapping app by using the equity index as a basemap for your data. Use the overall equity index or some of the supporting indices

DARTstaff.cityoftacoma.org

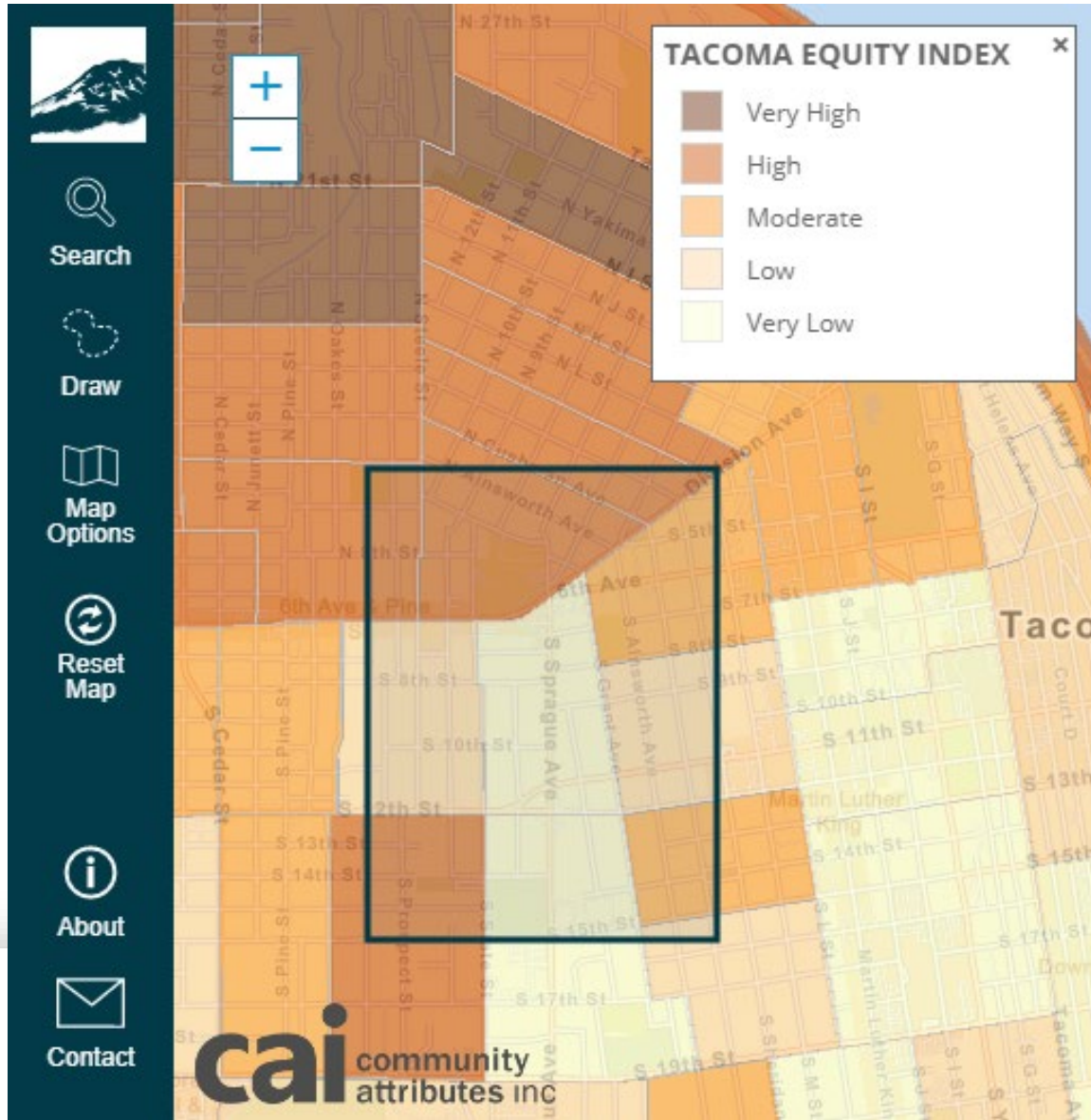
Use Index As-Is – Basic Map



Basic Map


The GIS team can create a map for you to view the equity data with your own data with a webmap or pdf

Use Index As-Is – Self Service



► DISTRIBUTION OF DATA WITHIN TACOMA



TREE CANOPY
COVERAGE 
16%

LIFE EXPECTANCY 
76
Years

MEDIAN HOME VALUE

Sources: US Census Bureau, American Community Survey (ACS) 5-Year Estimates, 2013-2017; City of Tacoma Crime Reports & Service Requests, 2016-2017; Plan-It Geo, 2016; National Center for Health Statistics, 2016; Kinwin Institute, 2019

<https://caimaps.info/tacomaequitymap>

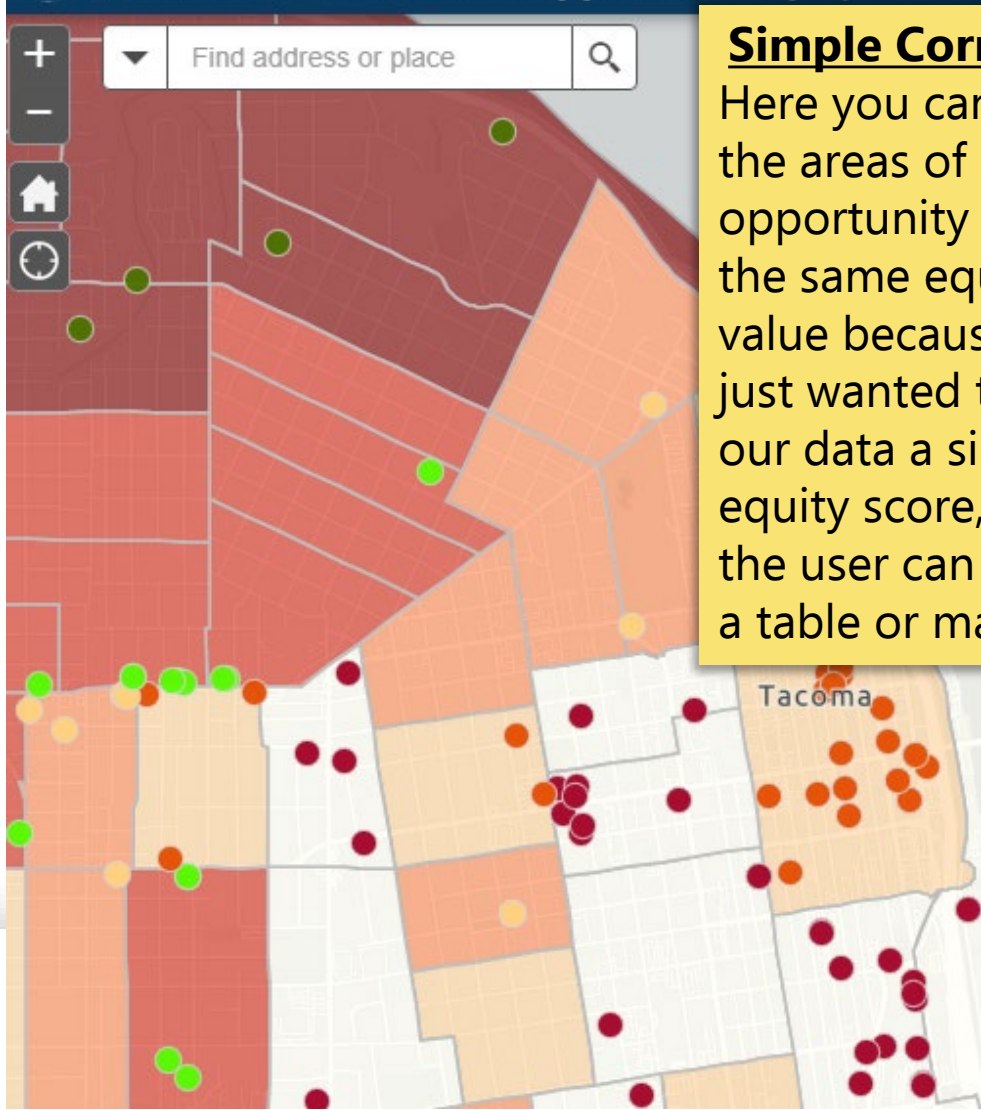
Self Service Analysis

The public equity application is a resource for finding quick information and selecting an area. This tool will provide statistics about the overall and sub indicators

Combine Index with your Data

City of Tacoma
WASHINGTON

Grant - Loan Applicant & Equity Index

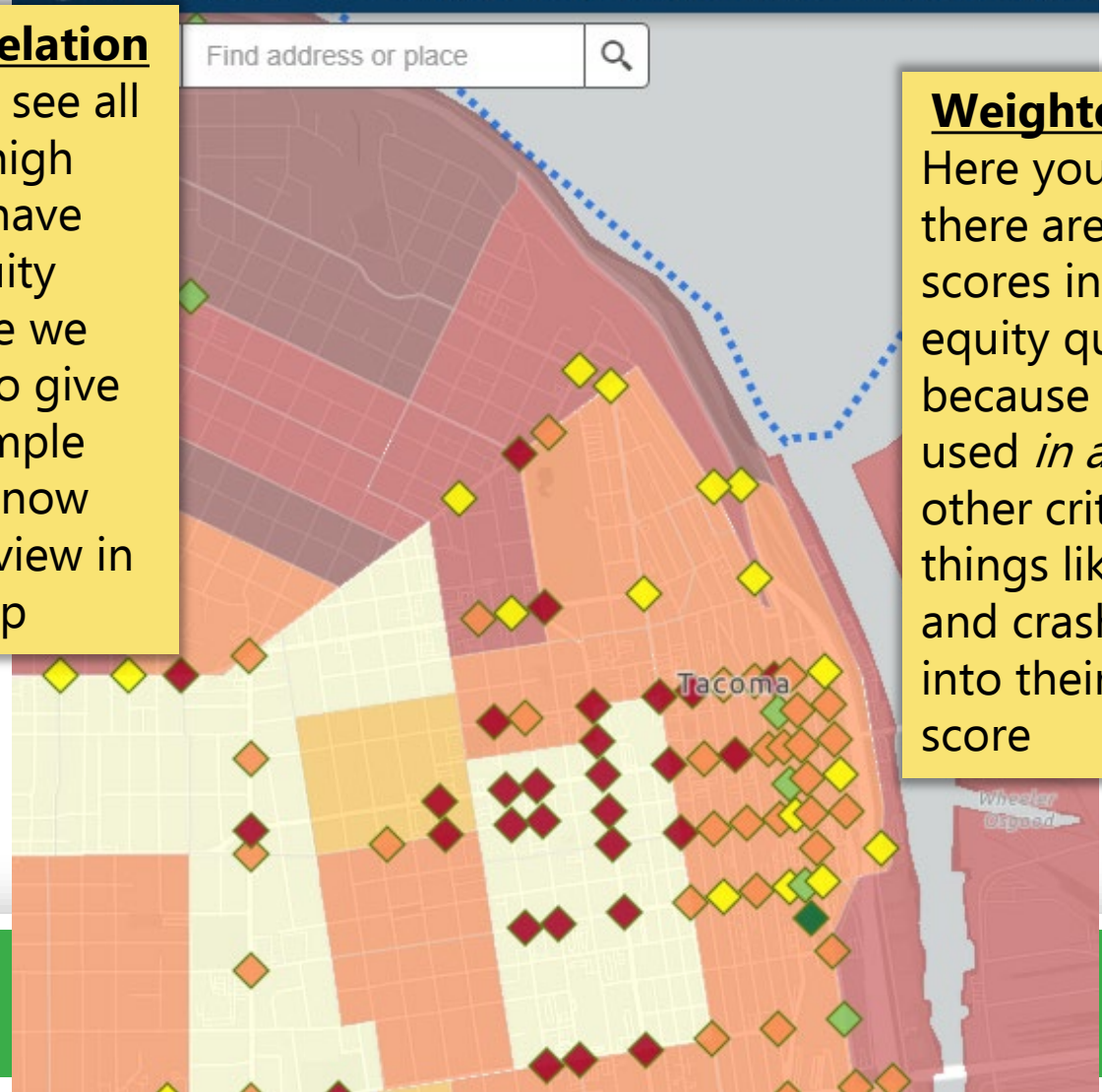


Simple Correlation

Here you can see all the areas of high opportunity have the same equity value because we just wanted to give our data a simple equity score, now the user can view in a table or map

City of Tacoma
WASHINGTON

Leading Pedestrian Interval Scoring Analysis



Weighted Analysis

Here you can see there are a variety of scores in the same equity quantiles because equity was used *in addition* to other criteria. Here things like collision and crashes played into their overall score

What's Next?

- Incorporate index into program analysis, REAP Goals
- Use index to support Board Action Memos
- Use equity index for resource prioritization
- Support implementation across TPU

Thank You!



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www.CityofTacoma.Org/equityindex



shared vision | shared future