Tacoma Equity Index

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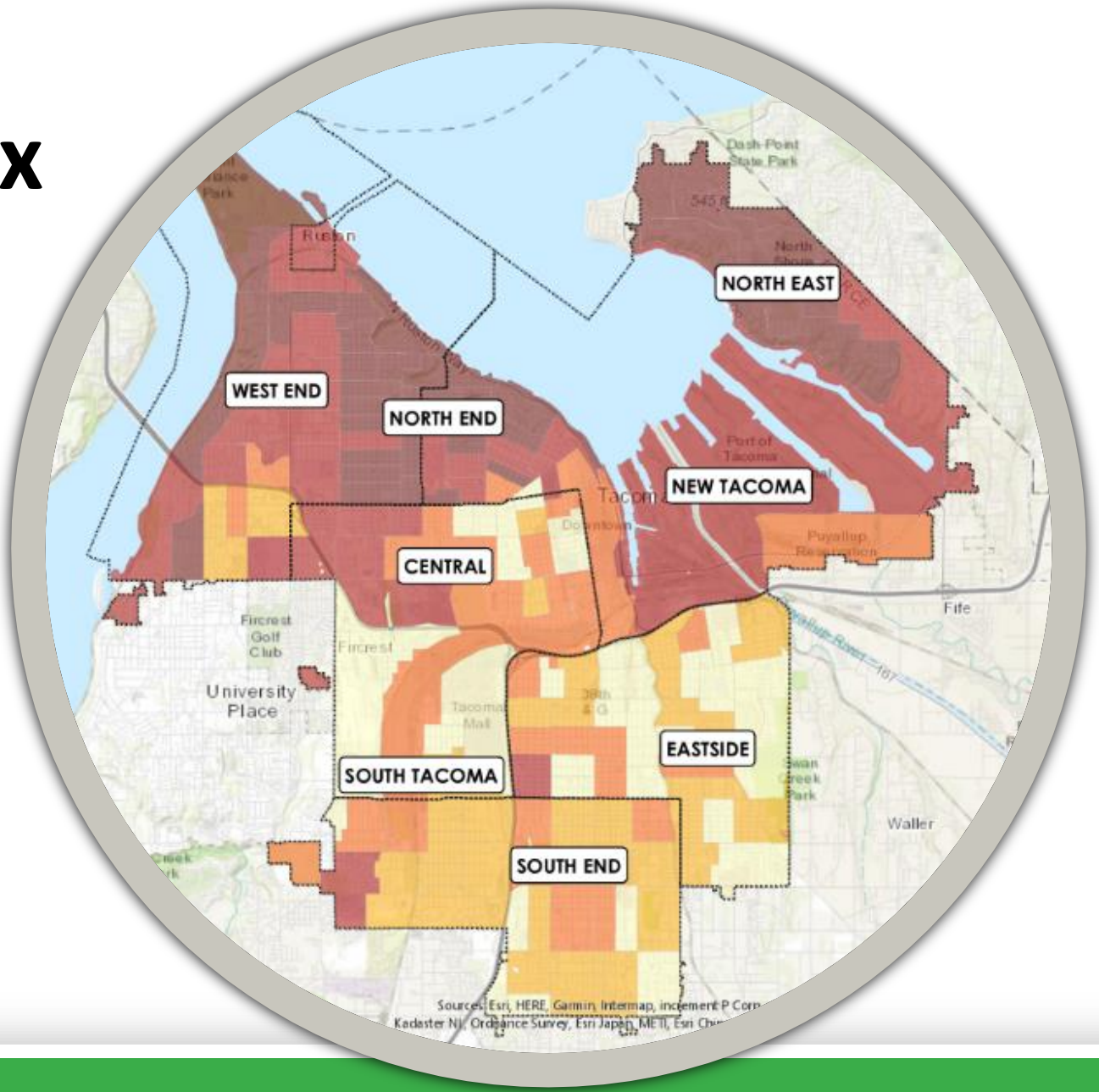
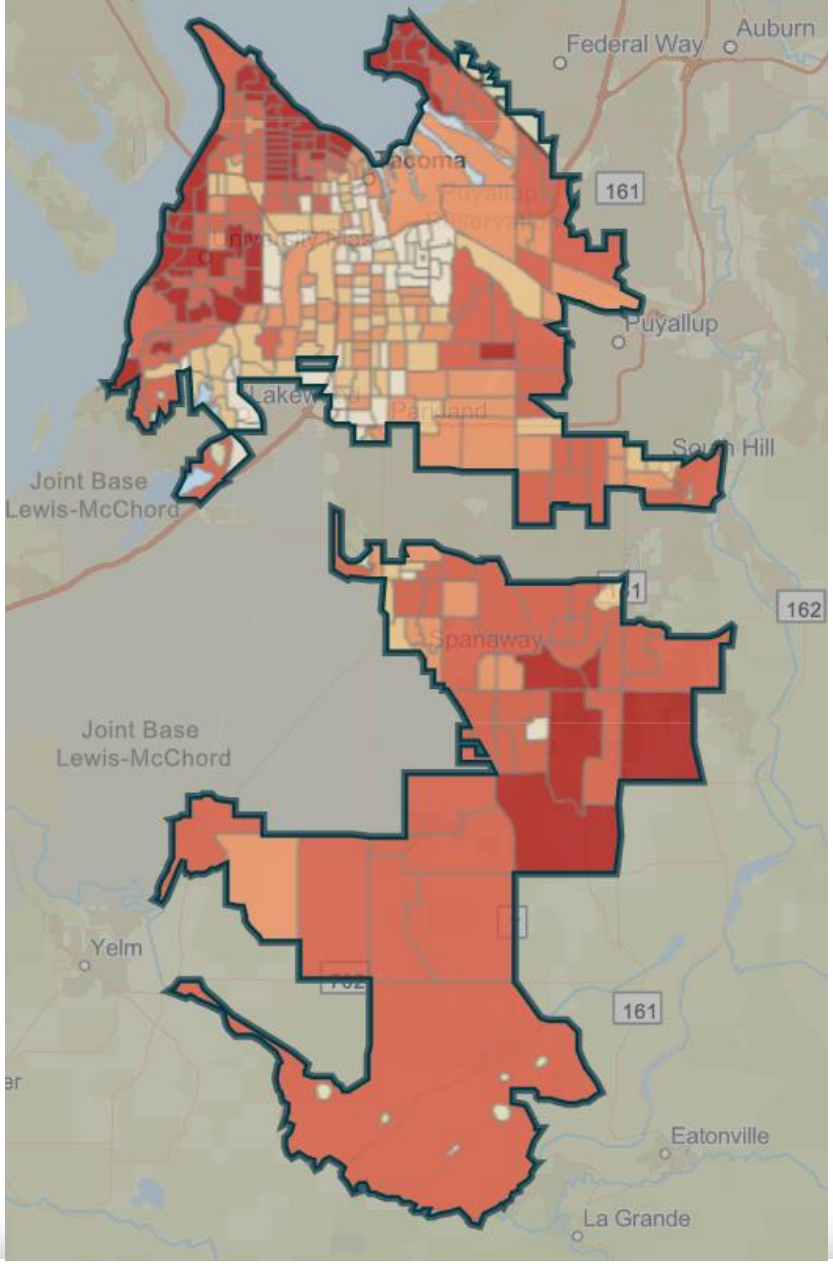
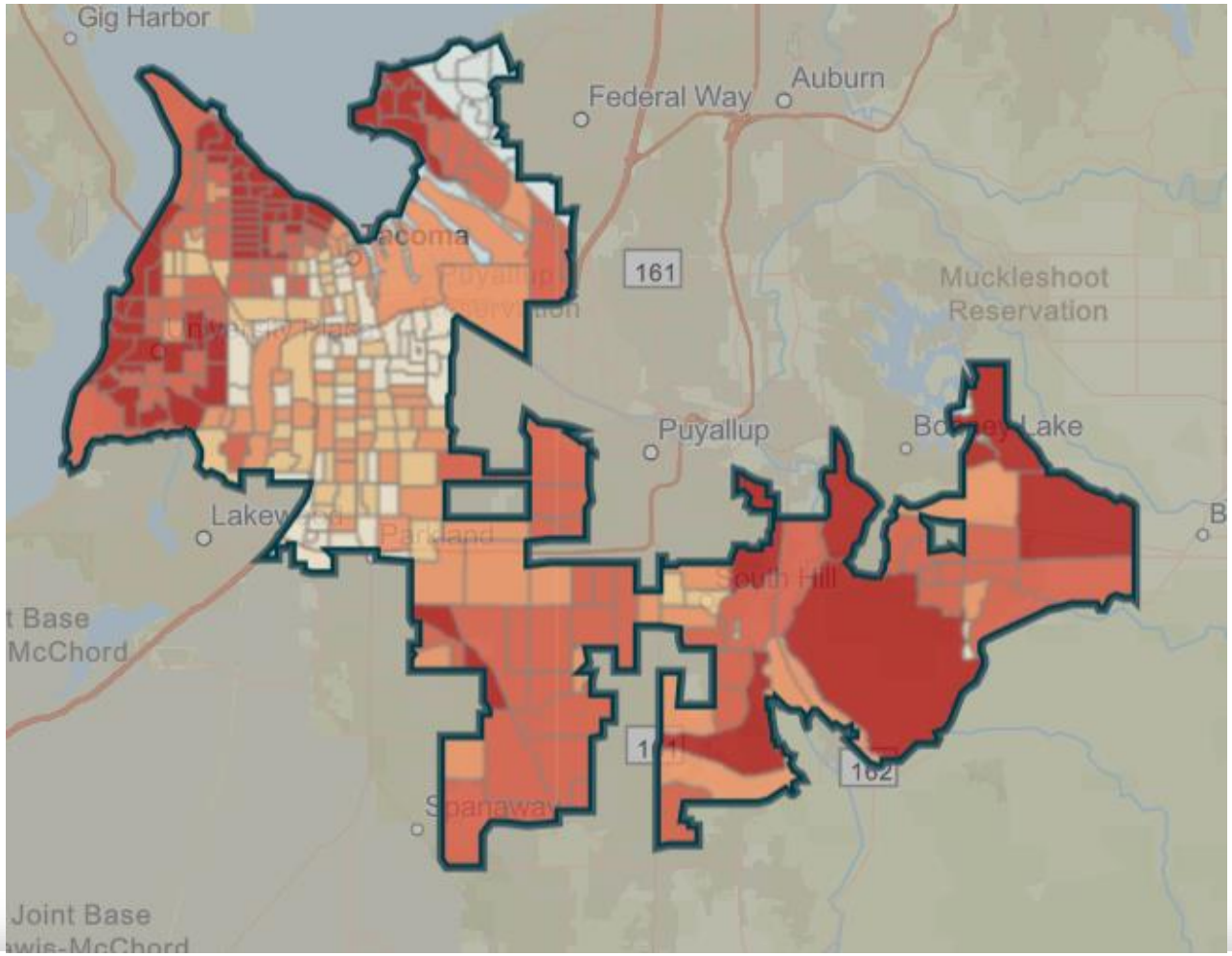
Tacoma Equity Index

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

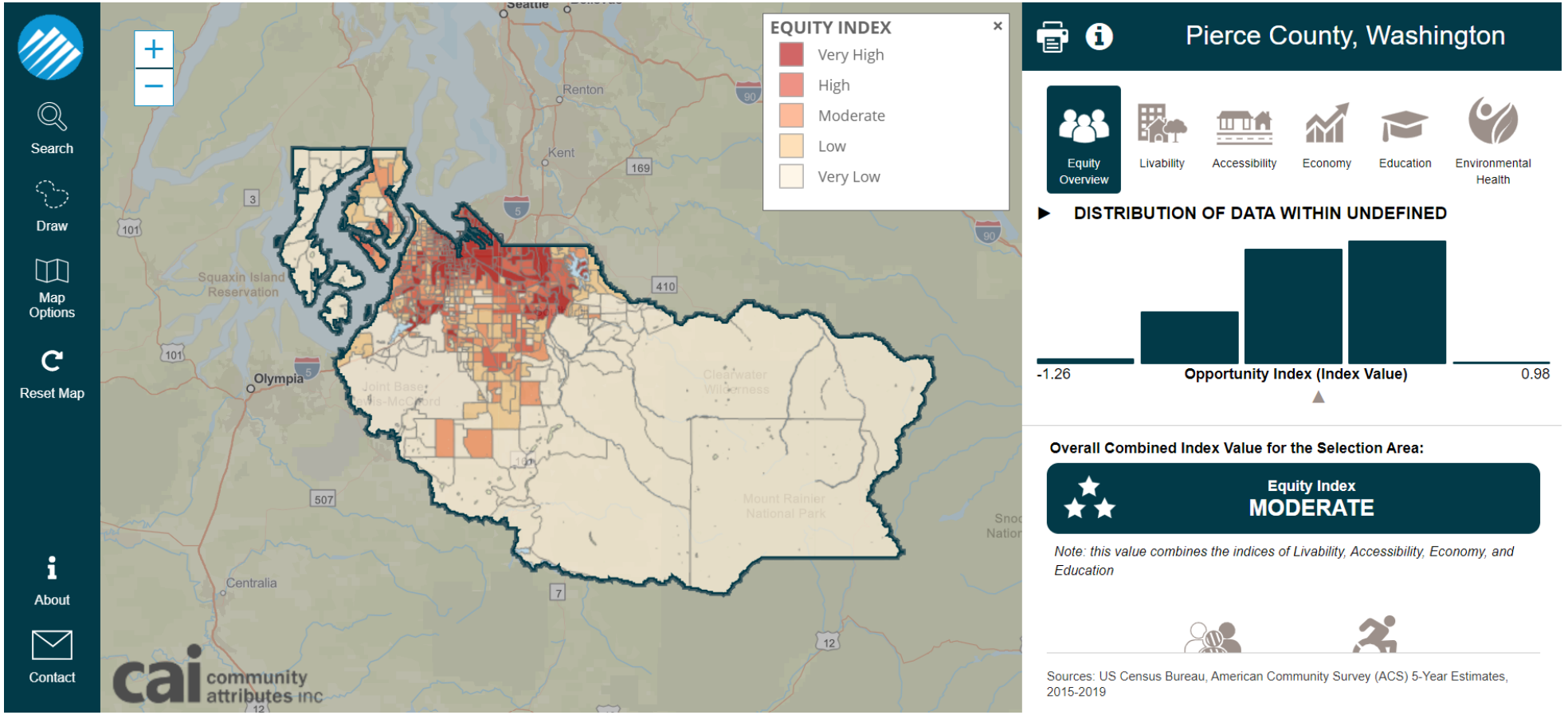


TPU Equity Index Layers





Pierce County Equity Index

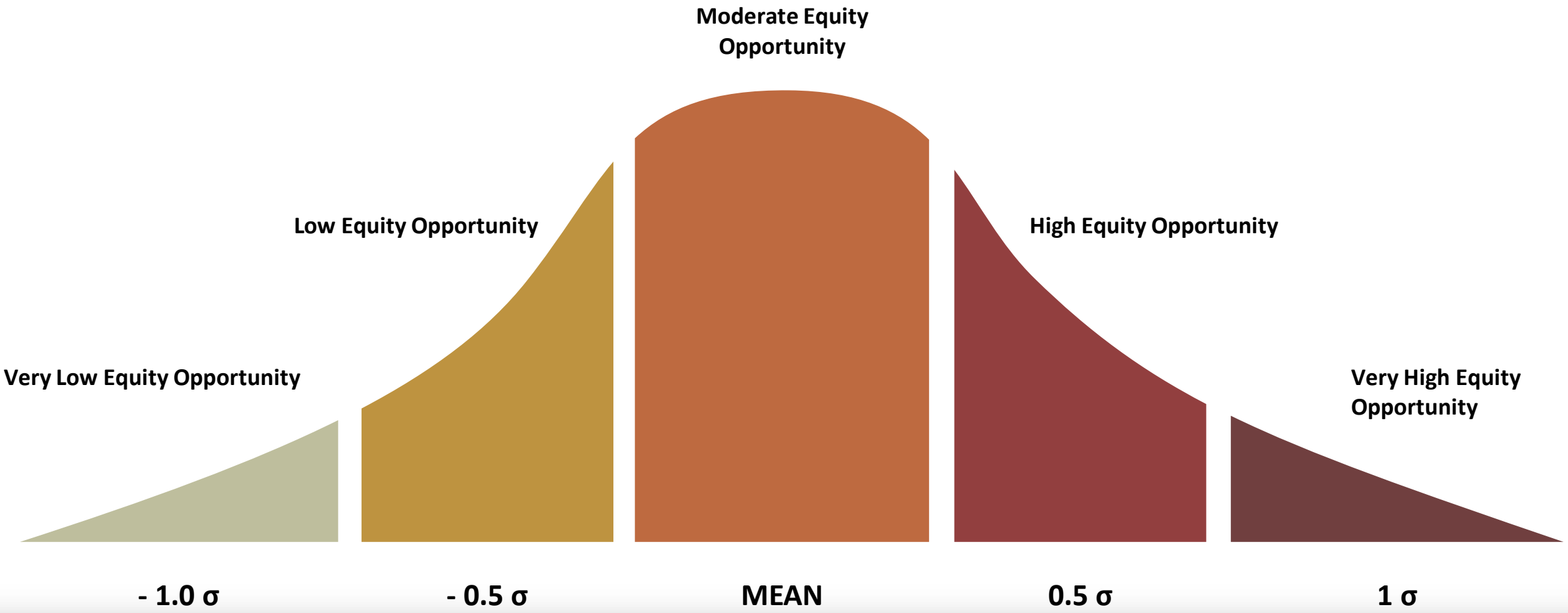


https://piercecounty.caimaps.info/cailive

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

Distribution of Data



Purpose of the Equity Index

Tacoma is an inclusive and equitable place to

Live, Learn, Work, and Play

Identify and Track Disparities	Support Data-Driven Decision-Making	Increase Transparency and Accountability
• Identify disparities in outcomes faced by those most likely to experience inequity and track them over time	• Guide decisions about the allocation of resources and policy development	• 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

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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

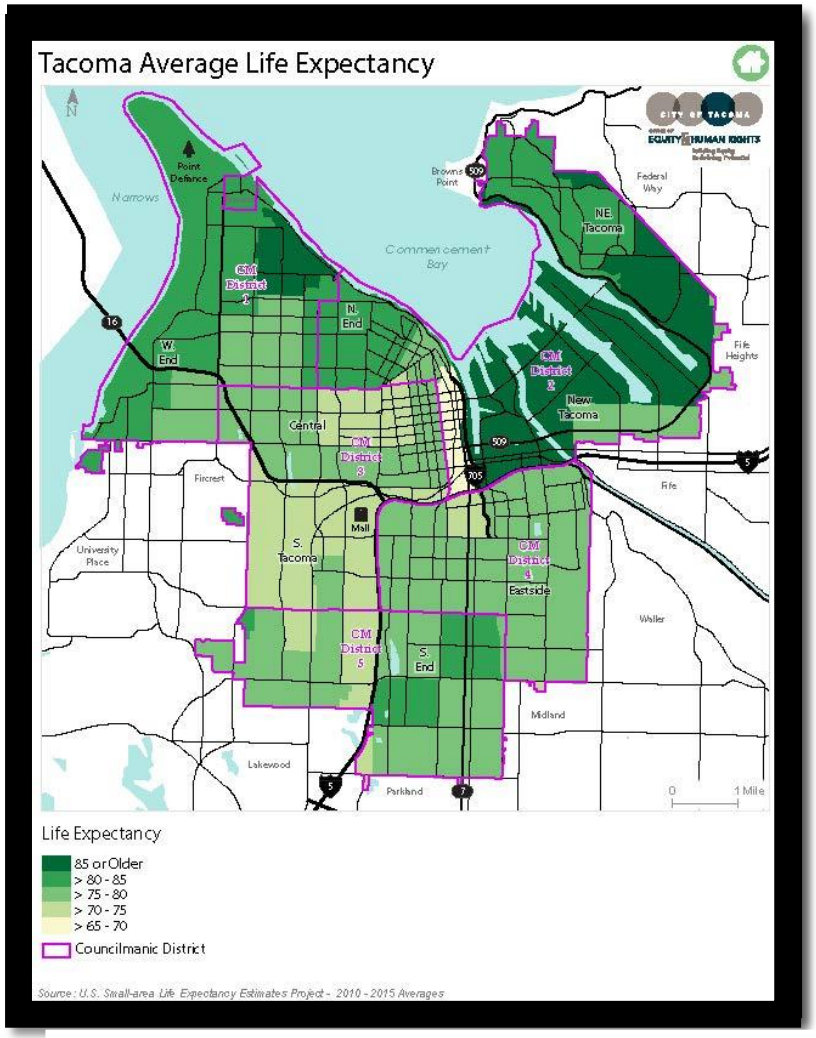
- Non-Diesel Emissions
- Ozone
- PM2.5
- Heavy Traffic
- Toxic Releases
- Home Lead Risk
- Proximity to Hazardous Waste Treatment Storage/Disposal
- Proximity to Superfunds
- Proximity to Risk Mgmt Facilities

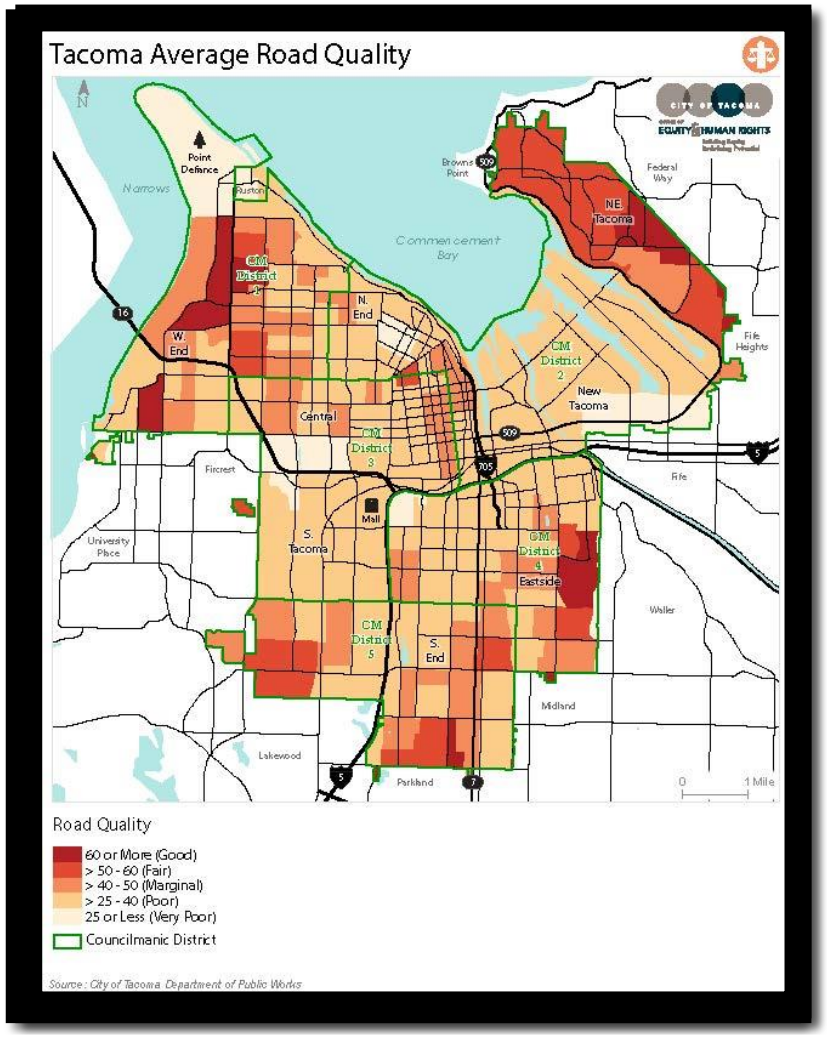
Economy

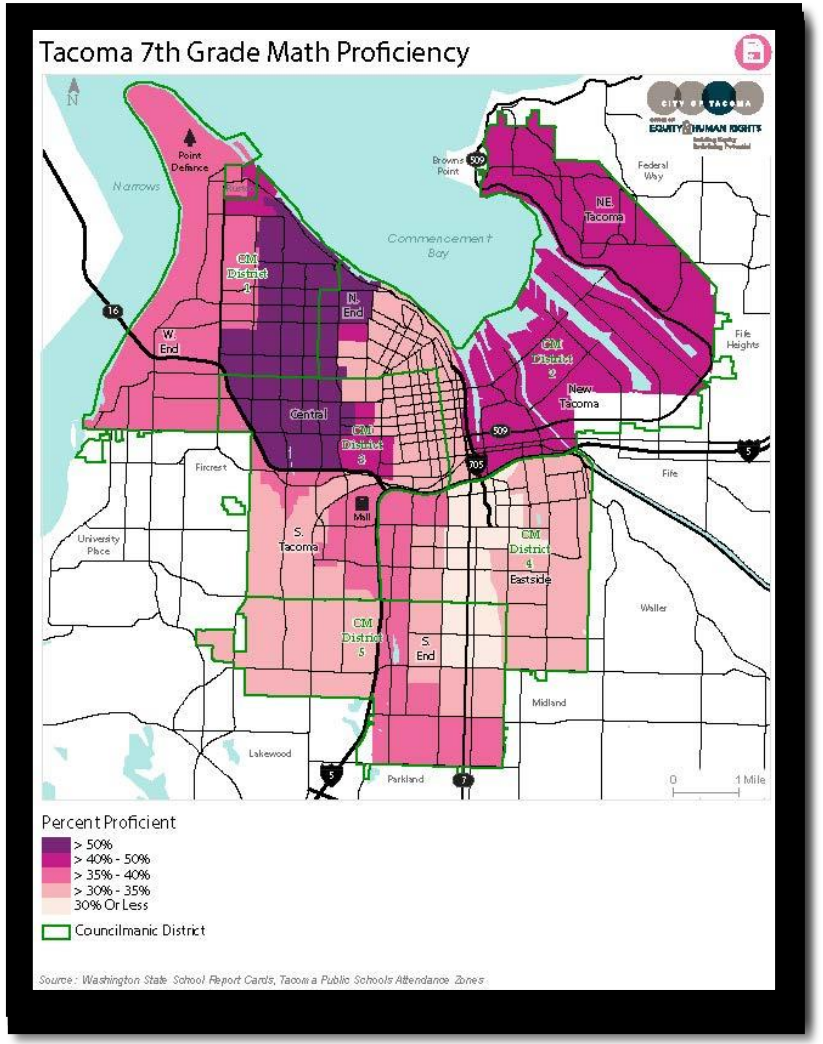
- Employment/Job Index
- Unemployment Rate
- Median Household Income
- 200% of the Poverty

Accessibility

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







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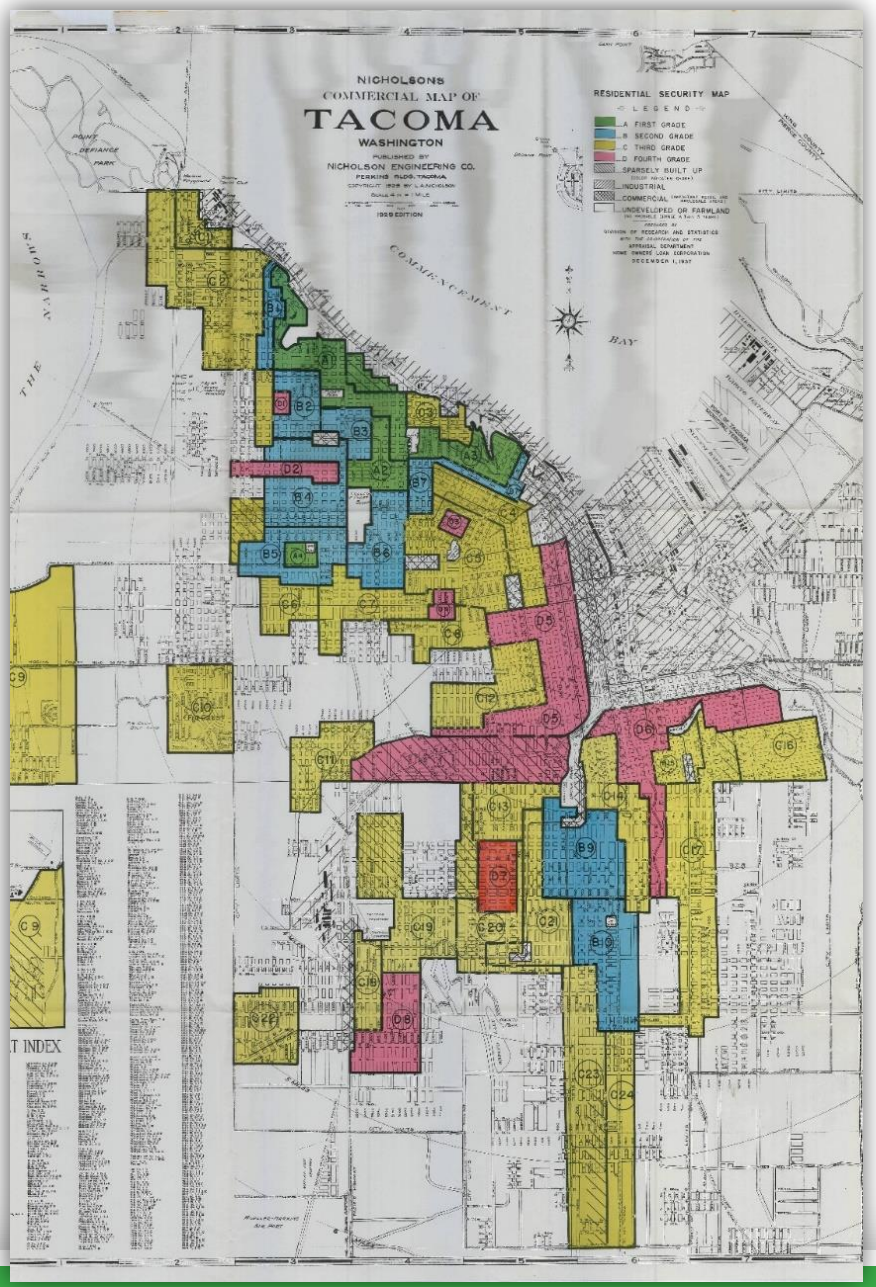
Why Address Inequities?

- Inequities did not occur overnight or naturally
- They were created by a history of racist systems, policies, and practices
- They Prevent us from achieving our community's vision (2025)

Redlining History

HOLC Grade

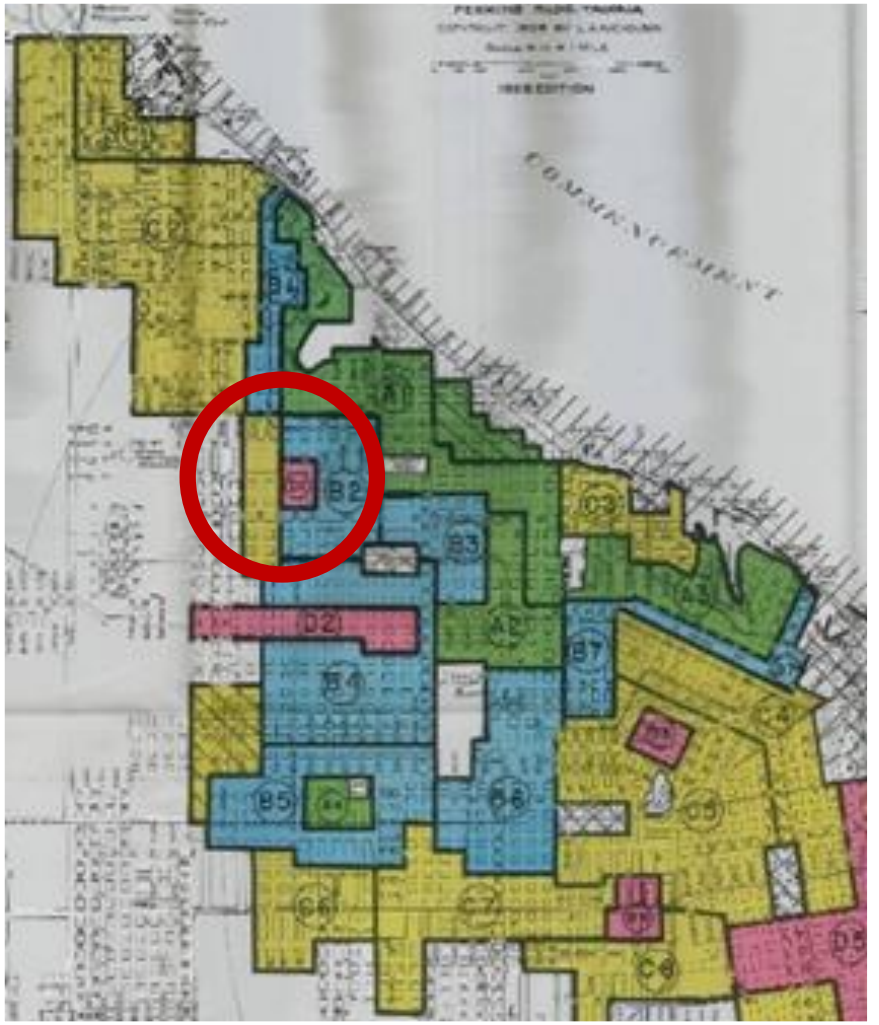
- A "Best"
- B "Still Desirable"
- C "Definitely Declining"
- D "Hazardous"



Home Owners Loan Corporation Assessment

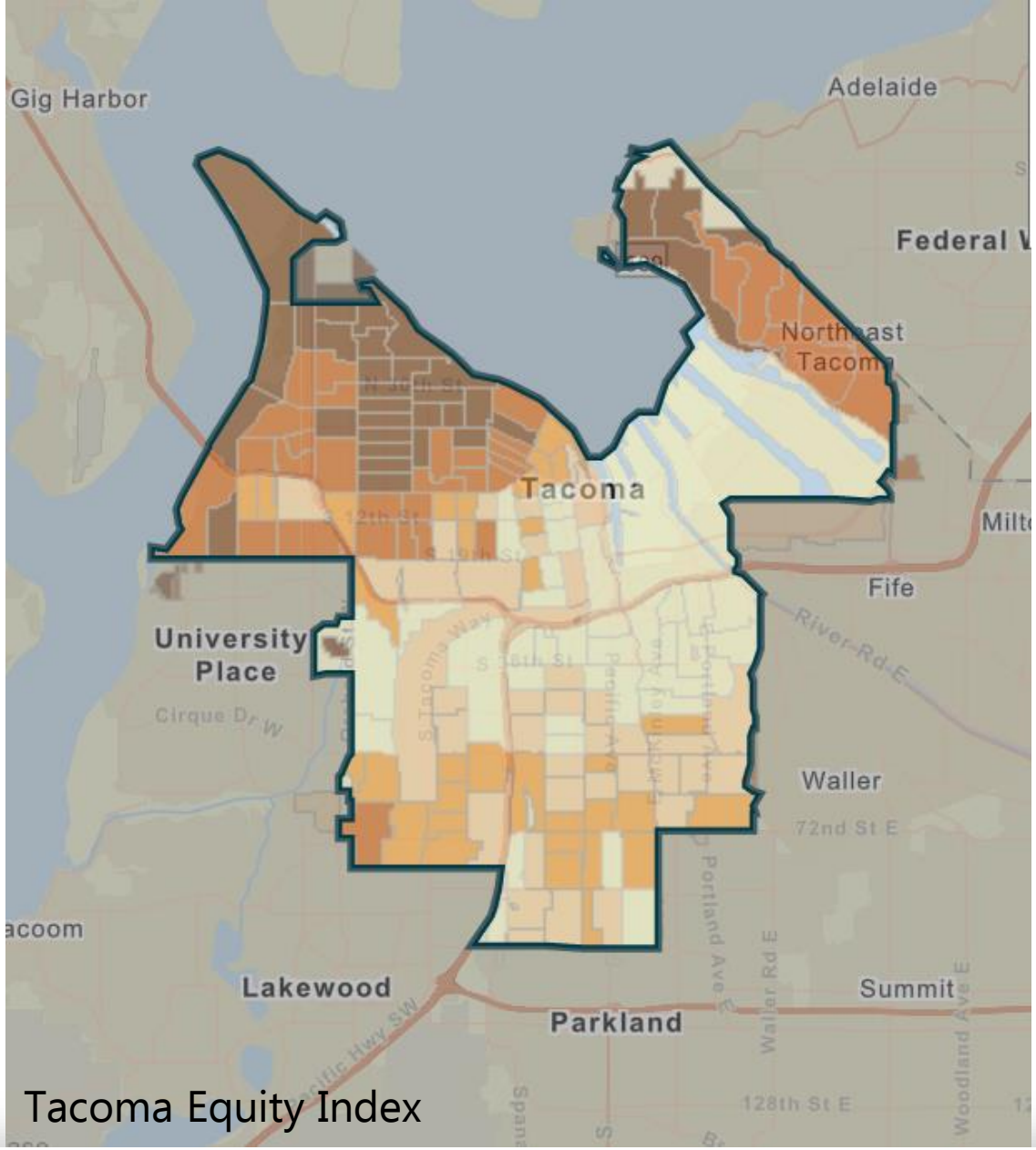
HOLC Grade

- A "Best"
- B "Still Desirable"
- C "Definitely Declining"
- D "Hazardous"

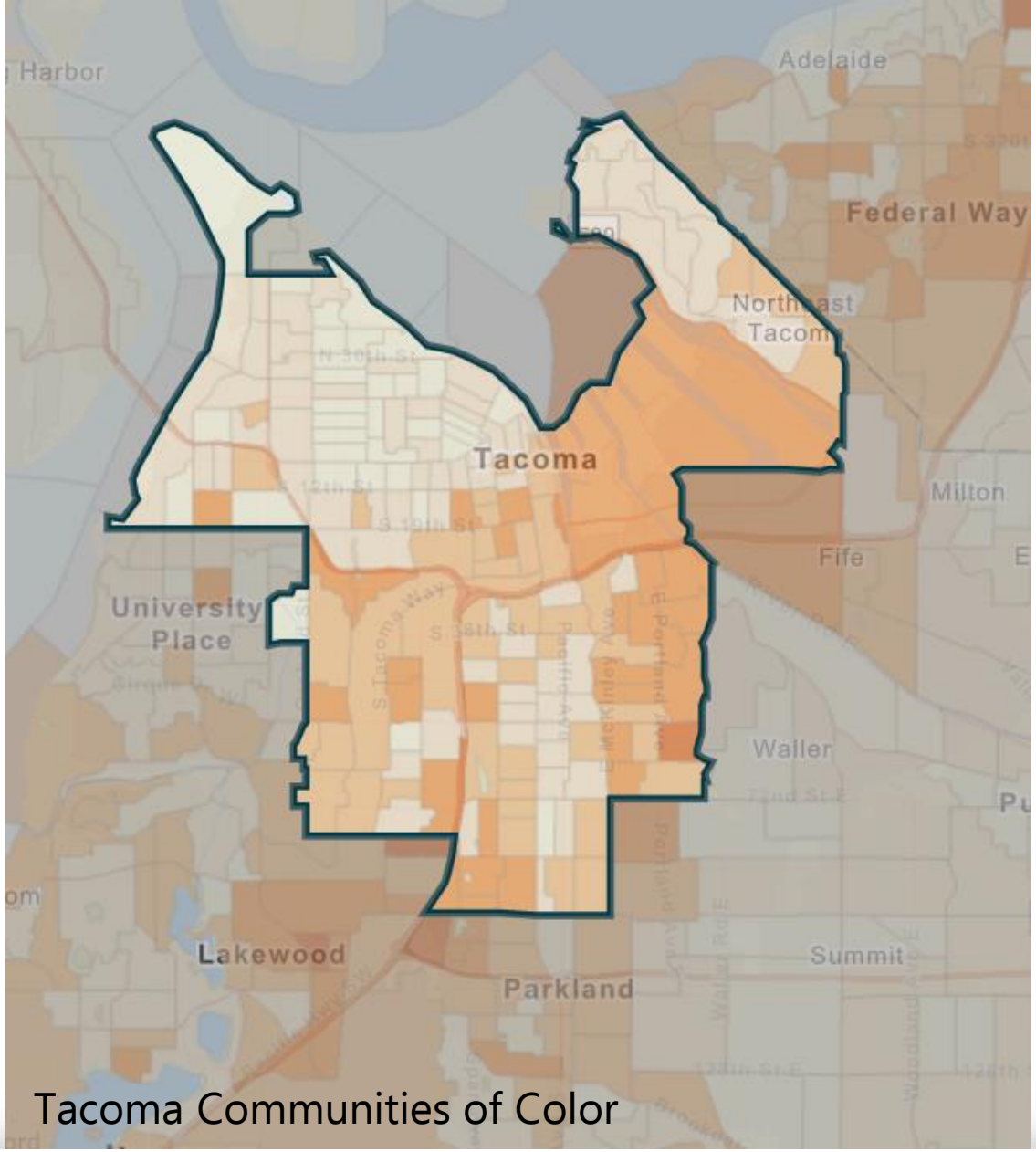


"**Three highly respected Negro families** own homes and live in the middle block of this area facing Verde Street. While very much **above the average of their race**, it is quite generally recognized by Realtors that their presence seriously detracts from the desirability of their immediate neighborhood."

- Mapping Inequality



Tacoma Equity Index



Tacoma Communities of Color

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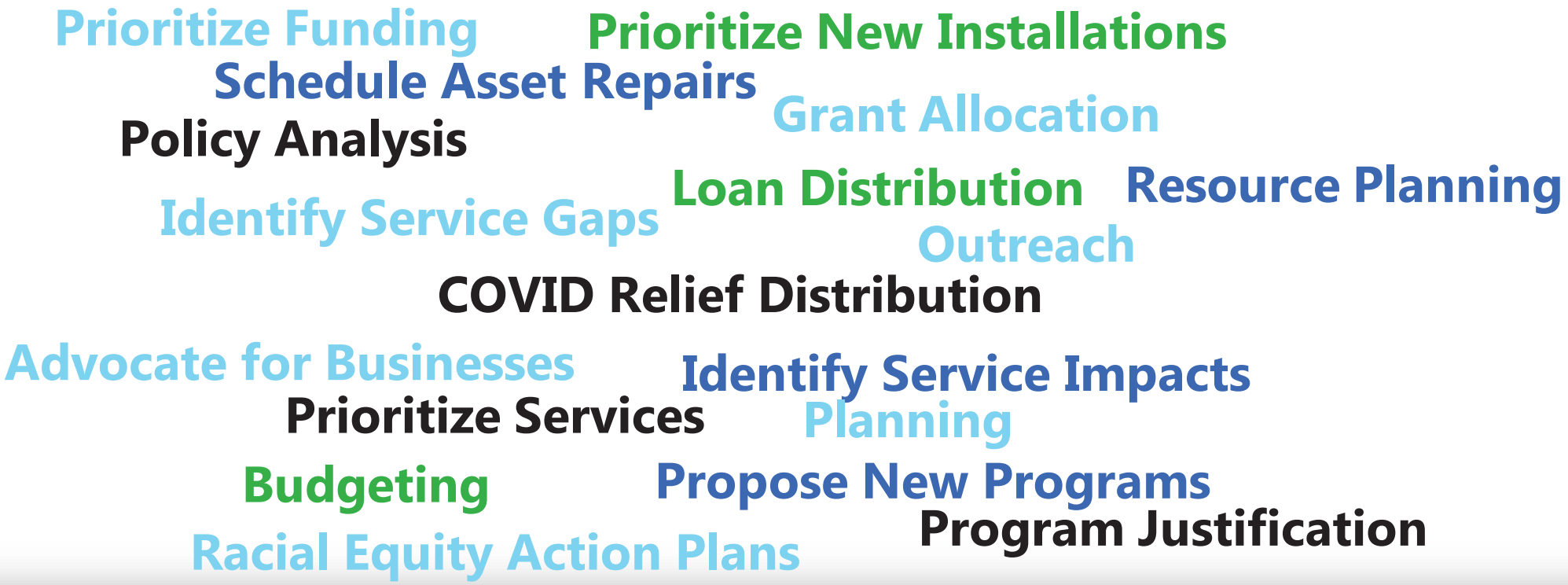
What Can the Equity Index Do For You?

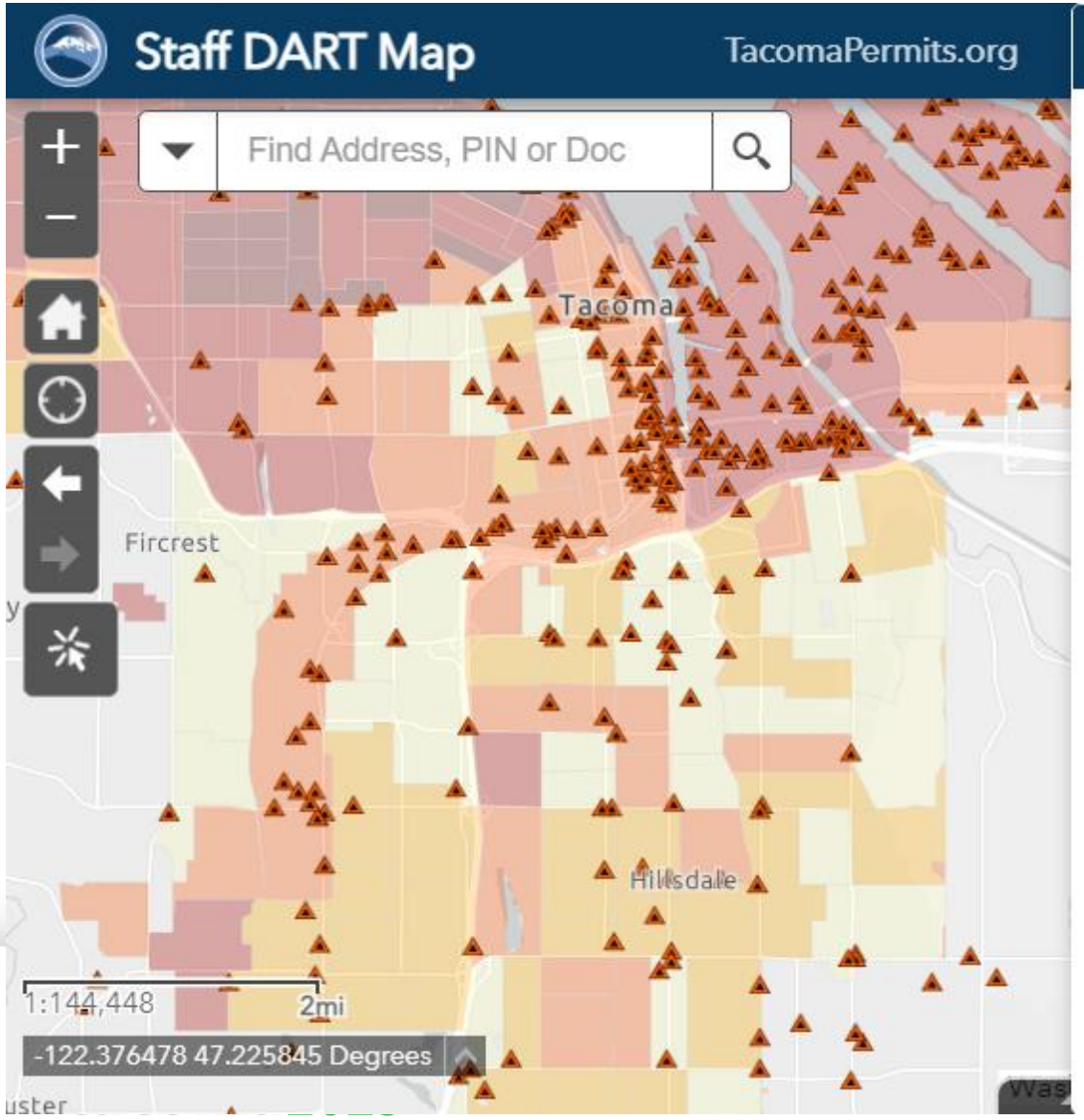
There are a wide variety of things the equity index can do to help with your work

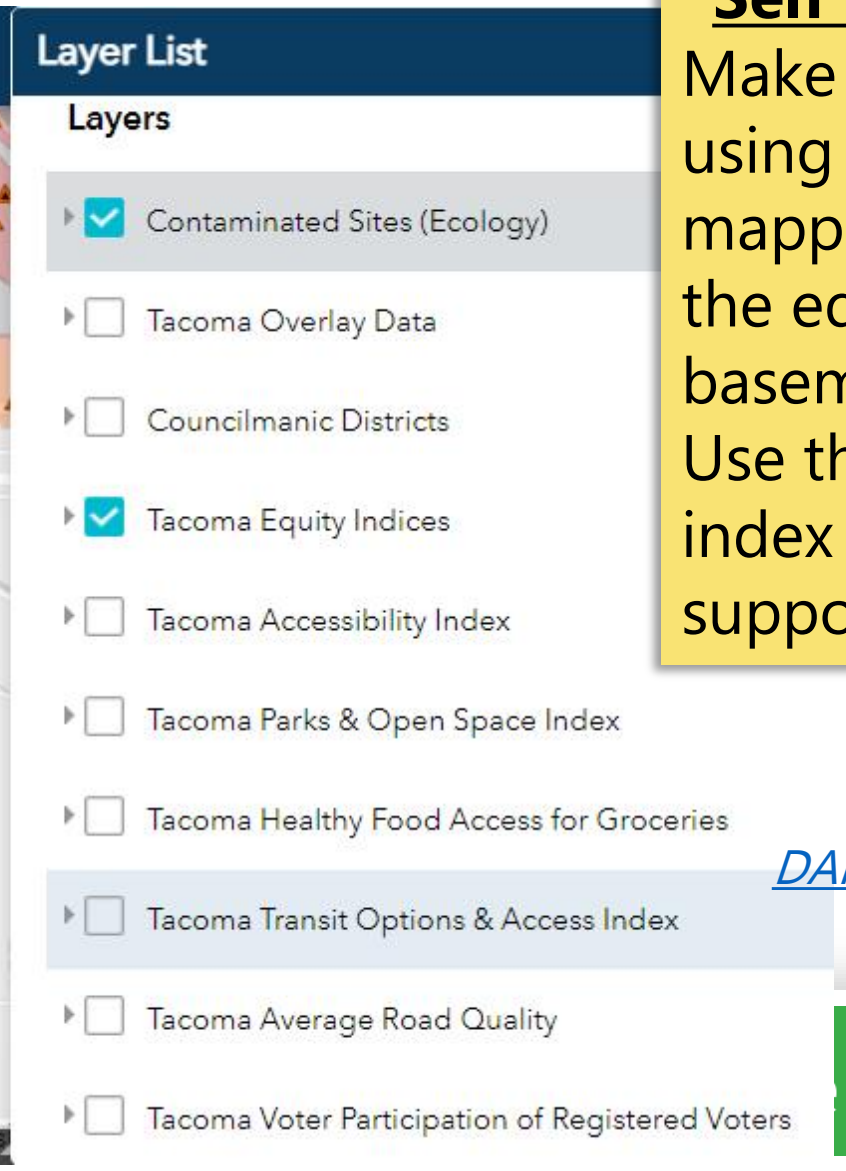


What Can the Equity Index Do For You?

Usage	Description	Best Use
Use Index As-Is	Use an existing tool to view the data for your own analysis *(no mapping expertise required)*	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 *(some mapping expertise required)*	Prioritize and make decisions

Use Index As-Is – Self Service



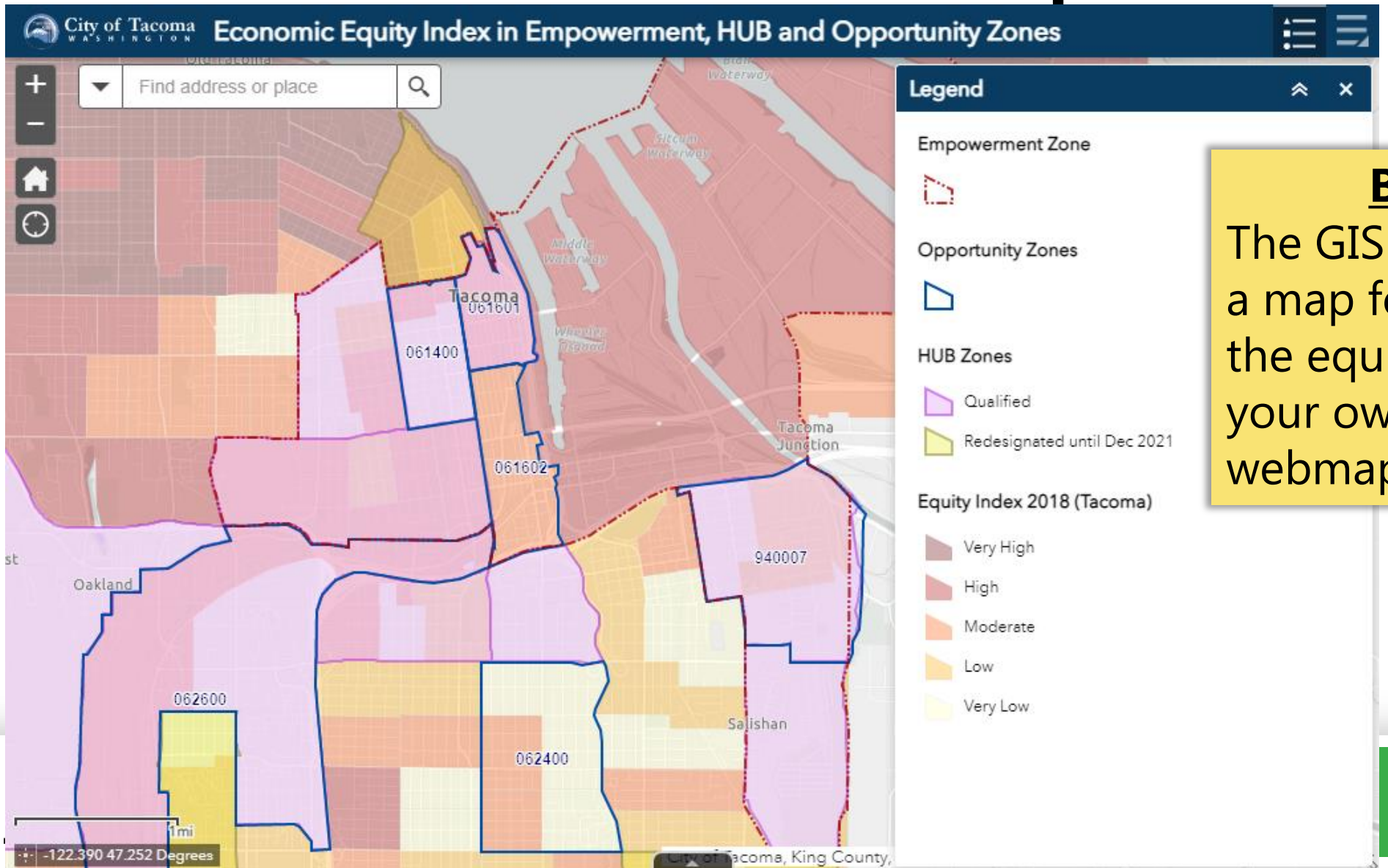


Self Service Analysis

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

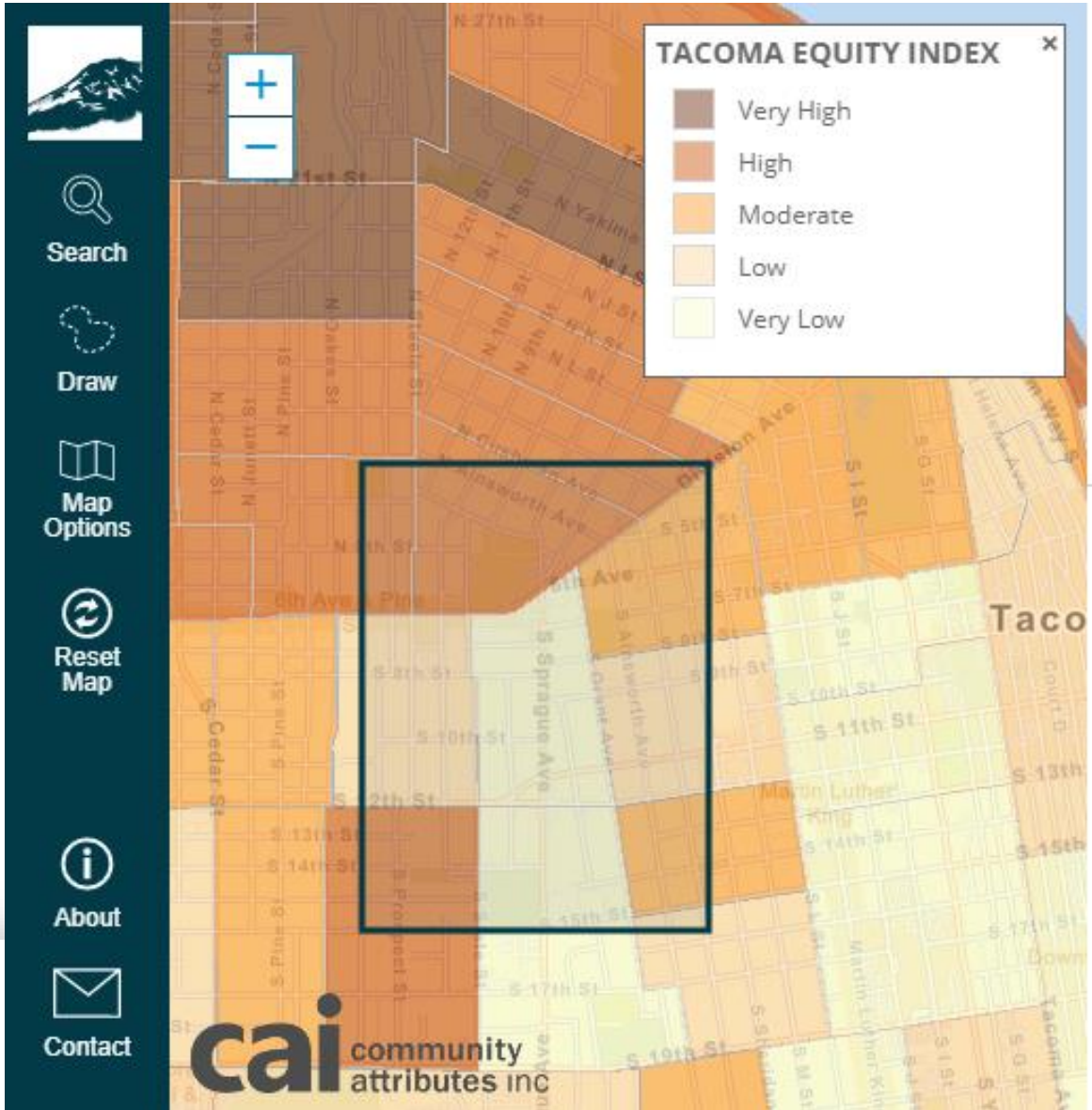
Use Index As-Is – Basic Map

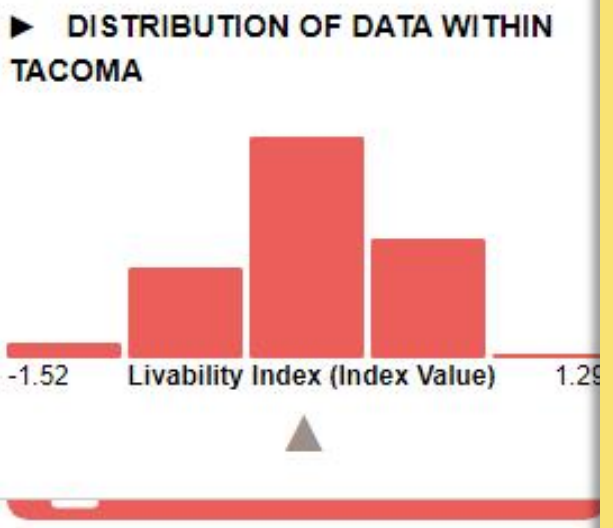


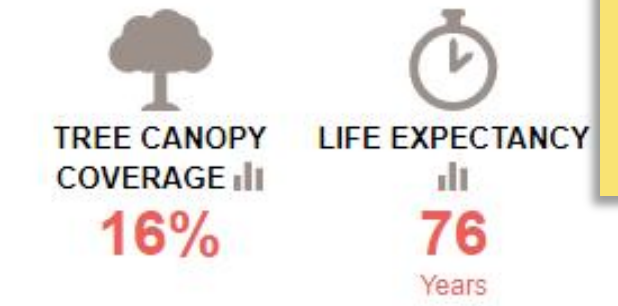
Basic Map

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







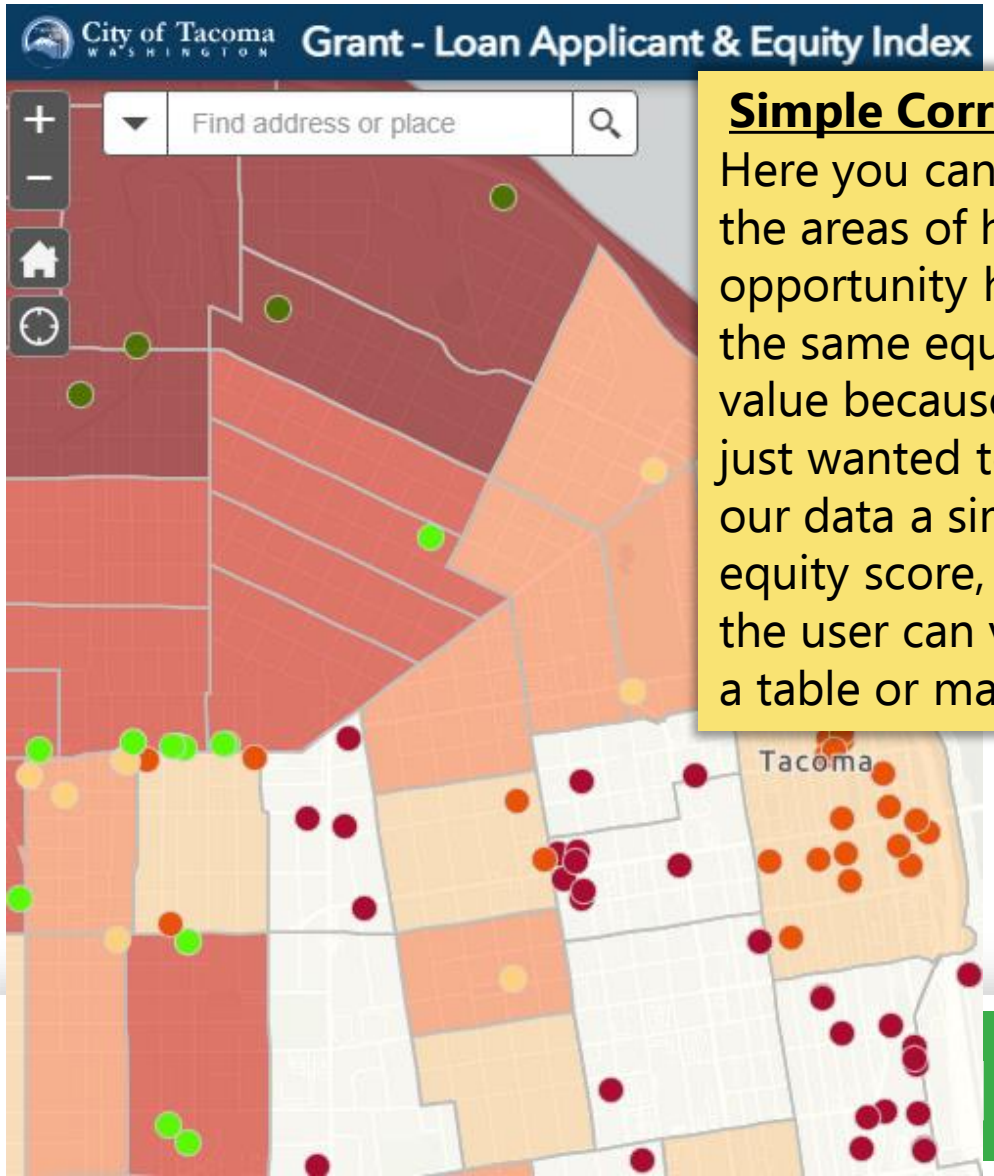
Sources: US Census Bureau, American Community Survey (ACS) 5-Year Estimates, 2013-2017; City of Tacoma Crime Reports & Service Requests, 2016-2017; Plan-It Geo, 2016; National Center for Health Statistics, 2016; Kirwin Institute, 2019

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

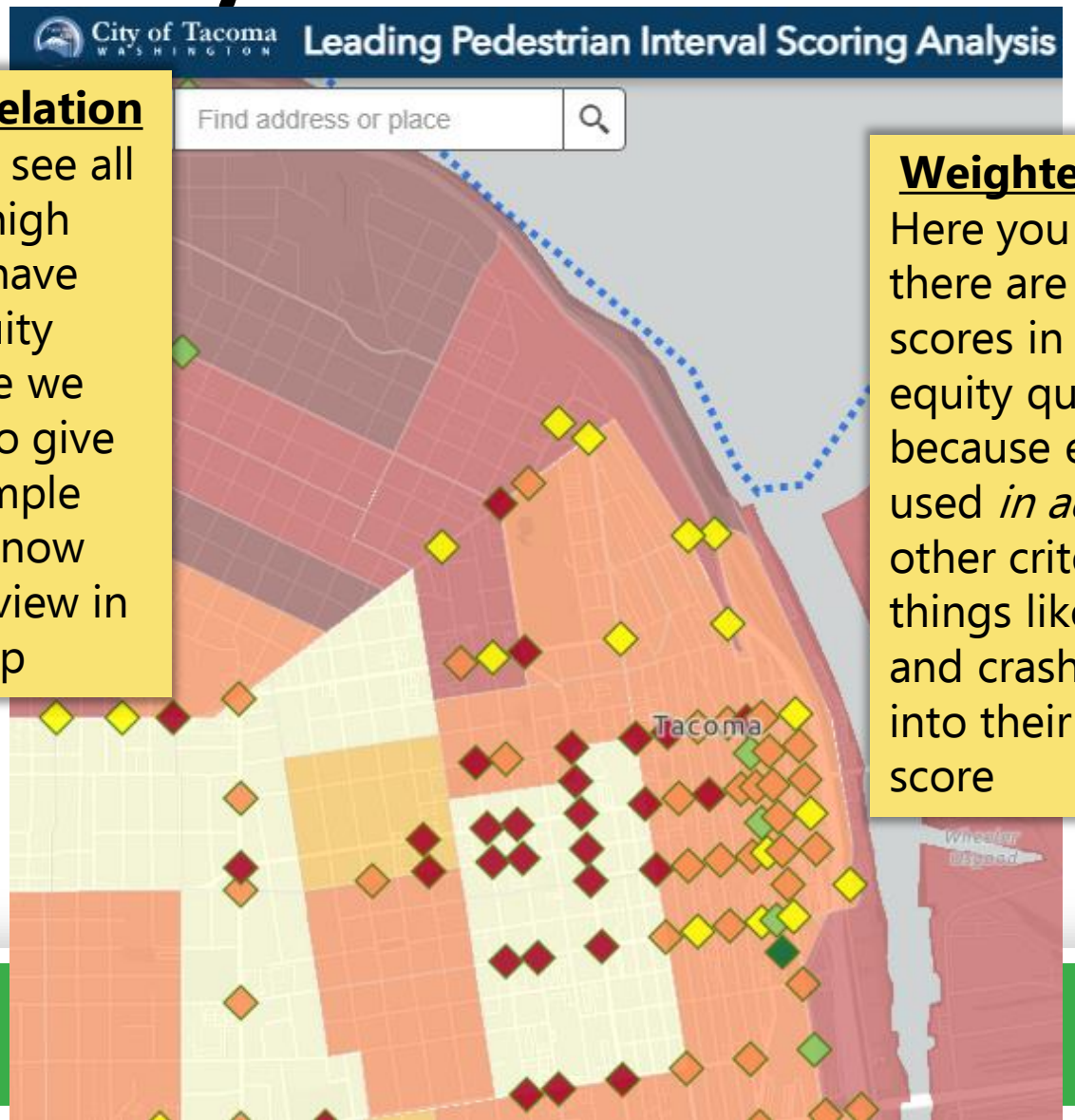
https://caimaps.info/tacomaequitymap

Combine Index with your Data



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



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?

If you're ready to use the index:

- Incorporate index into program analysis, REAP Goals
- Use index to support Council Action Memos
- Use equity index for resource prioritization
- Let us know what you are working on, and your additional data needs

If you need additional support:

- Contact us for a consult

Thank You!

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Questions?

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www.CityofTacoma.Org/equityindex