Tacoma Equity Index

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Agenda

• What’s New
• Overview of the Equity Index
• Equity Index In Action
• What’s Next
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 later this year
Tacoma Equity Index

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

**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 Overview

Tacoma is an inclusive and equitable place to

**Live, Learn, Work, and Play**

- Equitable Service Delivery to All Residents and Visitors
- Commitment to Equity in Policy Decision Making
What is the Equity Index?

- An Index is a composite of indicators that produces a single calculation which can be scored.
- Compare
- Contrast
- Measure
- Standardize
- The Equity Index helps identify disparities and communities of concern within the City.
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
Tacoma 2025 Goal Areas

Livability
Economy & Workforce
Education
Civic Engagement
Accessibility & Equity

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

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

Accessibility

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

Economy

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

Environmental Health

• Exposure:
  • Non-Diesel Emissions
  • Ozone Concentration
  • PM2.5 Concentration
  • Population Near Heavy Traffic
  • Toxic Releases
• Effects:
  • Housing Lead Risk
  • Proximity to Hazardous Waste Treatment Storage/Disposal
  • Proximity to Superfunds
  • Proximity to Risk Mgmt Facilities

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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:

- Prioritize Funding
- Schedule Asset Repairs
- Policy Analysis
- Identify Service Gaps
- COVID Relief Distribution
- Advocate for Businesses
- Prioritize Services
- Budgeting
- Racial Equity Action Plans

- Prioritize New Installations
- Grant Allocation
- Loan Distribution
- Resource Planning
- Outreach
- Identify Service Impacts
- Planning
- Propose New Programs
- Program Justification
What Can the Equity Index Do For You?

Menu Options

<table>
<thead>
<tr>
<th>Usage</th>
<th>Description</th>
<th>Best Use</th>
<th>Effort</th>
</tr>
</thead>
<tbody>
<tr>
<td>Use Index As-Is</td>
<td>Use an existing tool to view the data for your own analysis or have GIS create a simple web or pdf map</td>
<td>Identify where your data falls in the equity index</td>
<td>Small</td>
</tr>
<tr>
<td>Combine Index with Your Data</td>
<td>Add the index scoring to your data for viewing in a table or map format</td>
<td>Prioritize and make decisions</td>
<td>Medium - Large</td>
</tr>
<tr>
<td>Make changes to Index</td>
<td>Add your data to the overall index when the equity index is next updated (every 2-3 years)</td>
<td>Provide additional data that influences overall equity and decision making</td>
<td>Very Large</td>
</tr>
</tbody>
</table>
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

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

Self Service Analysis
The public equity application is also a resource for finding quick information and selecting an area 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.
Regional Equity/Opportunity Index

PSRC

Port Of Seattle

UW School of Health

King County Health

City of Tacoma

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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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