Tree Equity Collaborative
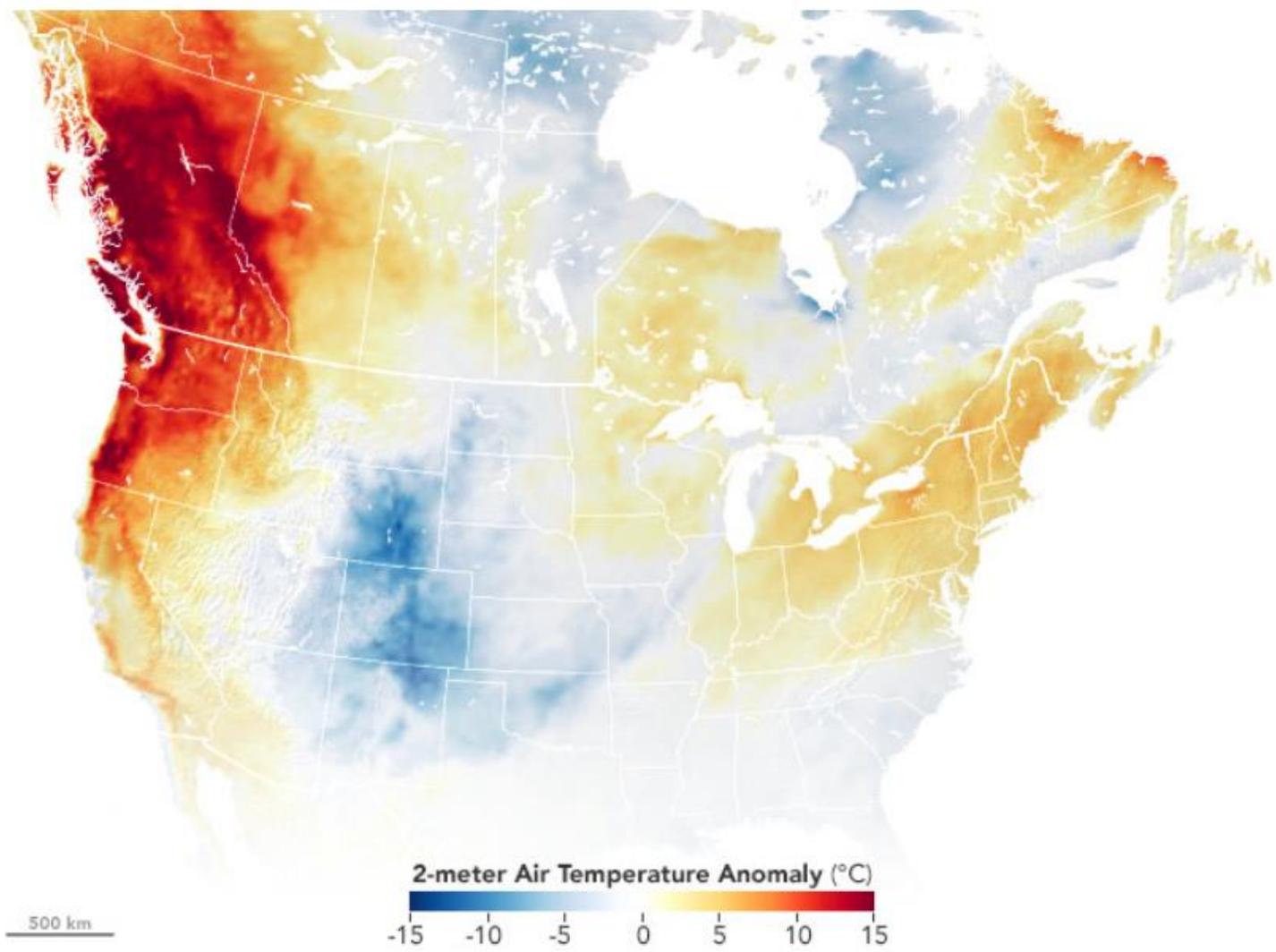
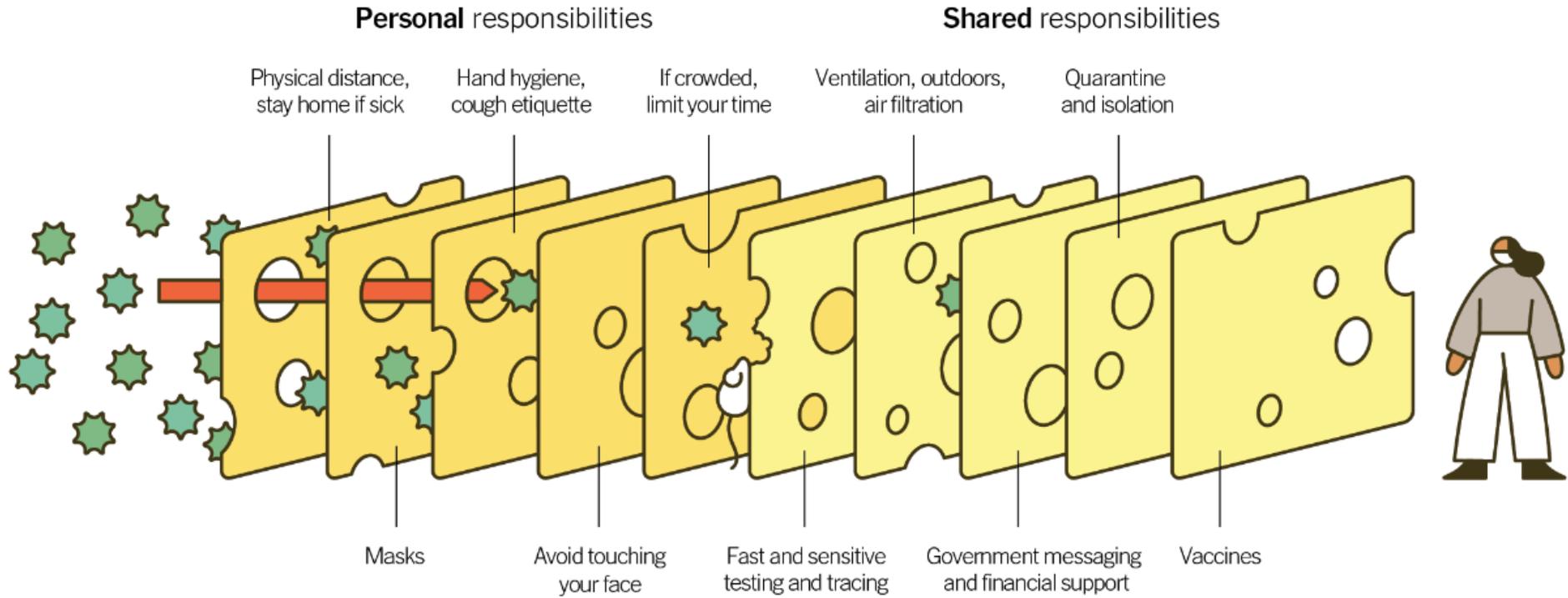Puget Sound Regional Council

July 18, 2024

Personal responsibilities

Physical distance,
stay home if sick

Hand hygiene,
cough etiquette

If crowded,
limit your time

Shared responsibilities

Ventilation, outdoors,
air filtration

Quarantine
and isolation

Masks

Avoid touching
your face

Fast and sensitive
testing and tracing

Government messaging
and financial support

Vaccines

Source: Adapted from Ian M. Mackay (virologydownunder.com) and James T. Reason. Illustration by Rose Wong

NA

Initiatives & Projects

Washington State Tree Equity Collaborative

Three-year statewide partnership to build rigorous and inclusive urban forestry programs

About the Collaborative

In April 2023, American Forests and the Washington State Department of Natural Resources (DNR) launched the Washington State Tree Equity Collaborative, the first statewide partnership focused on Tree Equity. The Collaborative aims to expand and fortify neighborhood tree canopy cover by engaging cities, community organizations and stakeholders to build more rigorous and inclusive urban forestry programs across the state.

DNR is using American Forests' Tree Equity Score tool to prioritize expanding equitable tree cover in

Tree Equity Collaborative Members (so far!)

Association of Washington Cities
Benton County PUD
Carl Maxey Center
City of Camas
City of Chewelah
City of Ellensburg
City of Kenmore
City of Millwood
City of Mountlake Terrace
City of Olympia
City of Othello
City of Palouse
City of Pasco
City of Port Townsend
City of Poulsbo
City of Renton
City of Ritzville
City of Seattle
City of Snoqualmie
City of Stevenson
City of Tacoma

City of Tukwila
City of Vancouver
City of Walla Walla
City of Wenatchee
Environmental Coalition of South Seattle
Kalispel Indian Community of the Kalispel Reservation
King Conservation District
King County
Lake Forest Park Council
Latino Community Fund
League of Women Voters Snohomish County
Lower Columbia Fish Enhancement Group
Mason Conservation District
Metro Parks Tacoma
Mid-Columbia Community Forestry Council
Mountains to Sound Greenway
National Audubon Society
Okanogan County Council
Puget Sound Regional Council
REI Co-op

Seattle Department of Transportation
Seattle Parks Foundation for Trees and People Coalition
Snohomish County Council
Snoqualmie Tribe
South End Neighborhood Council
Spokane County
Spokane Tribal Network
Tacoma Tree Foundation
The Lands Council
The Nature Conservancy
Tilth Alliance
Town of Coulee Dam
WA State Department of Health
Washington Native Plant Society
Washington State University
Weyerhaeuser
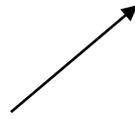Whale Scout
Whatcom Conservation District
Whatcom Million Trees Project
Wind River Trust
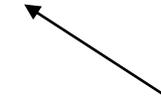Woodland Park Zoological Society

All urban census tracts in WA have a tree equity score of 75 or higher

Strategically plant and maintain urban trees

Create urban forestry workforce

Implement just policies

Activities Include:

Learning Labs, statewide online resource library, subcommittees/affinity groups, technical assistance, matchmaking, online communications platform, training, Tree Equity Score Analyzer (TESA), Tree Equity Pledge, strategic recruitment
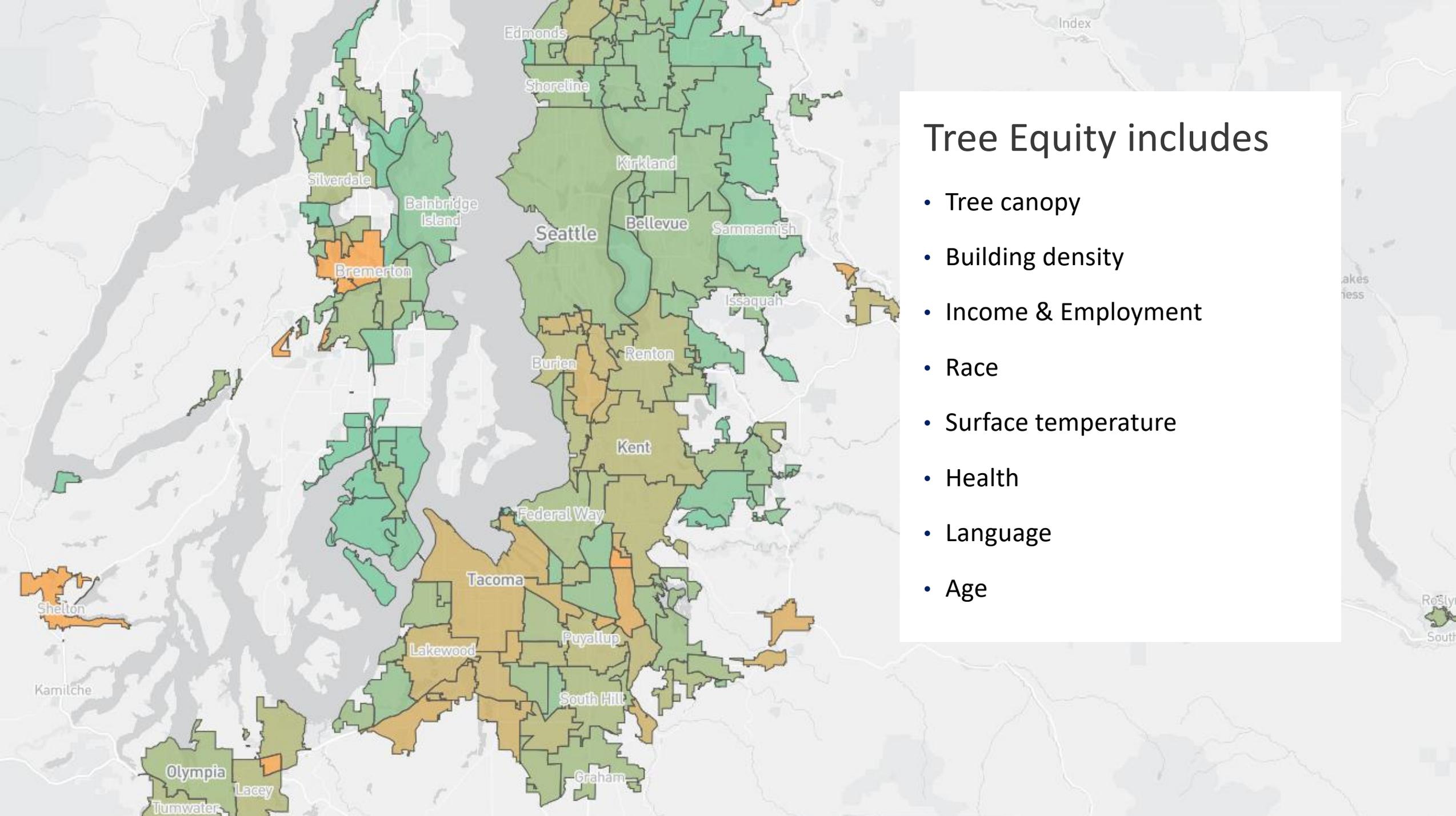
Tree Equity includes

- Tree canopy

- Building density

- Income & Employment

- Race

- Surface temperature

- Health

- Language

- Age

TREE EQUITY SCORE

National Explorer

Search for a location

1 **Find your score.**

- Search a location or address, or browse the map of nearly 200,000 Tree Equity Scores.

2 **Uncover the hidden story behind where trees are in your community.**

- Click or tap the shaded areas on the map to discover more information.
- Toggle map layers to explore patterns.
- Identify areas with the greatest need for investment.

3 **Make the case with data and reports.**

- Compare neighborhood information.
- Customize dynamic reports for any locality, county, congressional district, or state.
- Set targets and calculate tree planting need and the potential benefit to health, economy and environment.

DYNAMIC REPORTS   MENU

DYNAMIC REPORTS

MENU
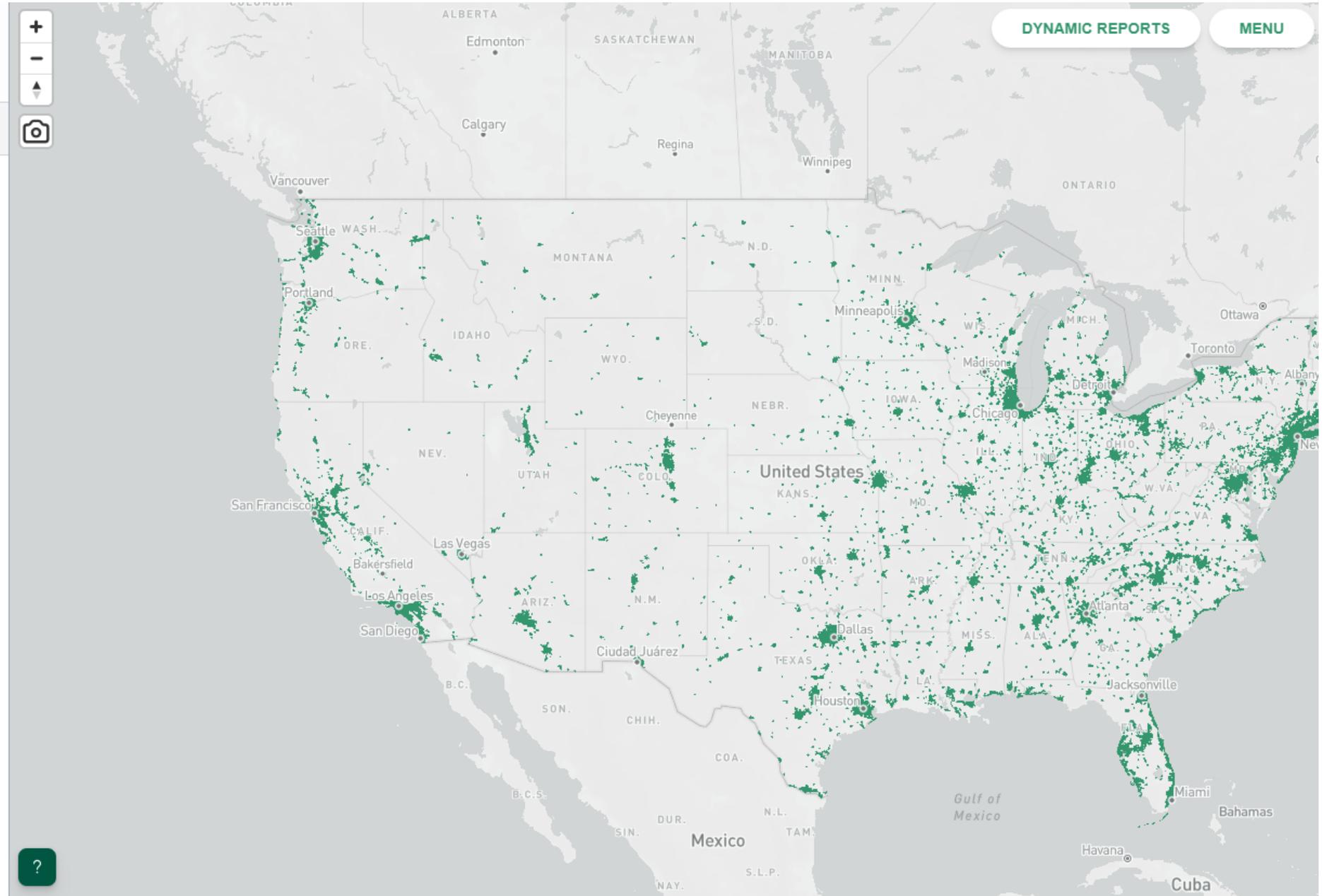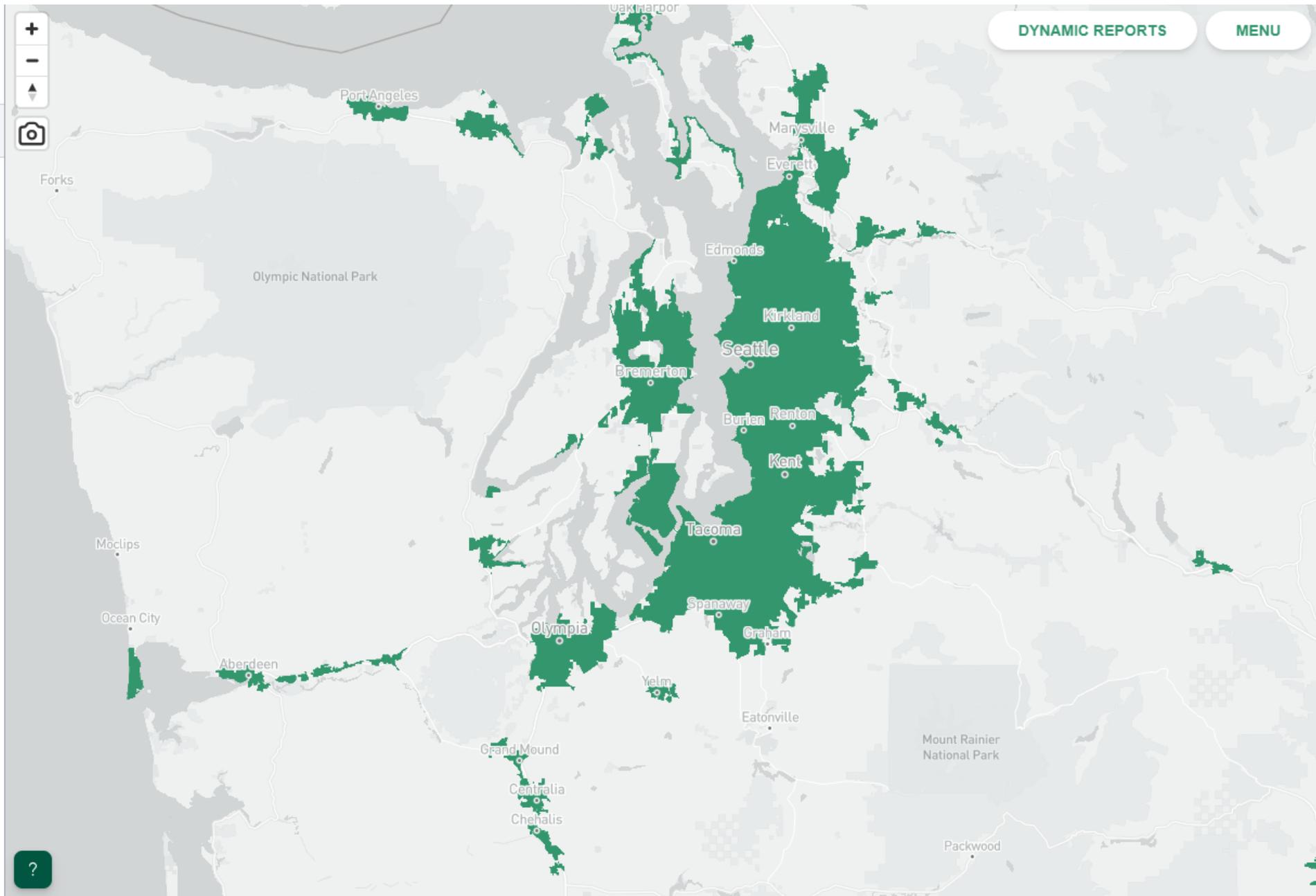
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Oak Harbor

Port Angeles

Marysville

Everett

Forks

Edmonds

Olympic National Park

Kirkland

Seattle

Bremerton

Burien · Renton

Kent

Moclips

Tacoma

Ocean City

Spanaway

Olympia

Graham

Aberdeen

Yelm

Eatonville

Grand Mound

Mount Rainier
National Park

Centralia

Chehalis

Packwood

?

TREE EQUITY SCORE
National Explorer

Search for a location

Census Block Group 530530626002
Population: 1,914 ⓘ
Tacoma, WA
WA Congressional District 6

71
Tree Equity Score ⓘ

Ranked 136th of 152 block groups in Tacoma
Priority: **HIGH** ⓘ

Current canopy cover: 9% ⓘ

Canopy cover goal: 40% ⓘ

Score indicators
Priority index ⓘ

People of color 49%
Unemployment 12%
People in poverty 38%
Heat disparity +13°F
Children and seniors 30%
Linguistic isolation 1%
Health burden index 54

Layers ⌄   Filters ⌄

<70   100
Tree Equity Score
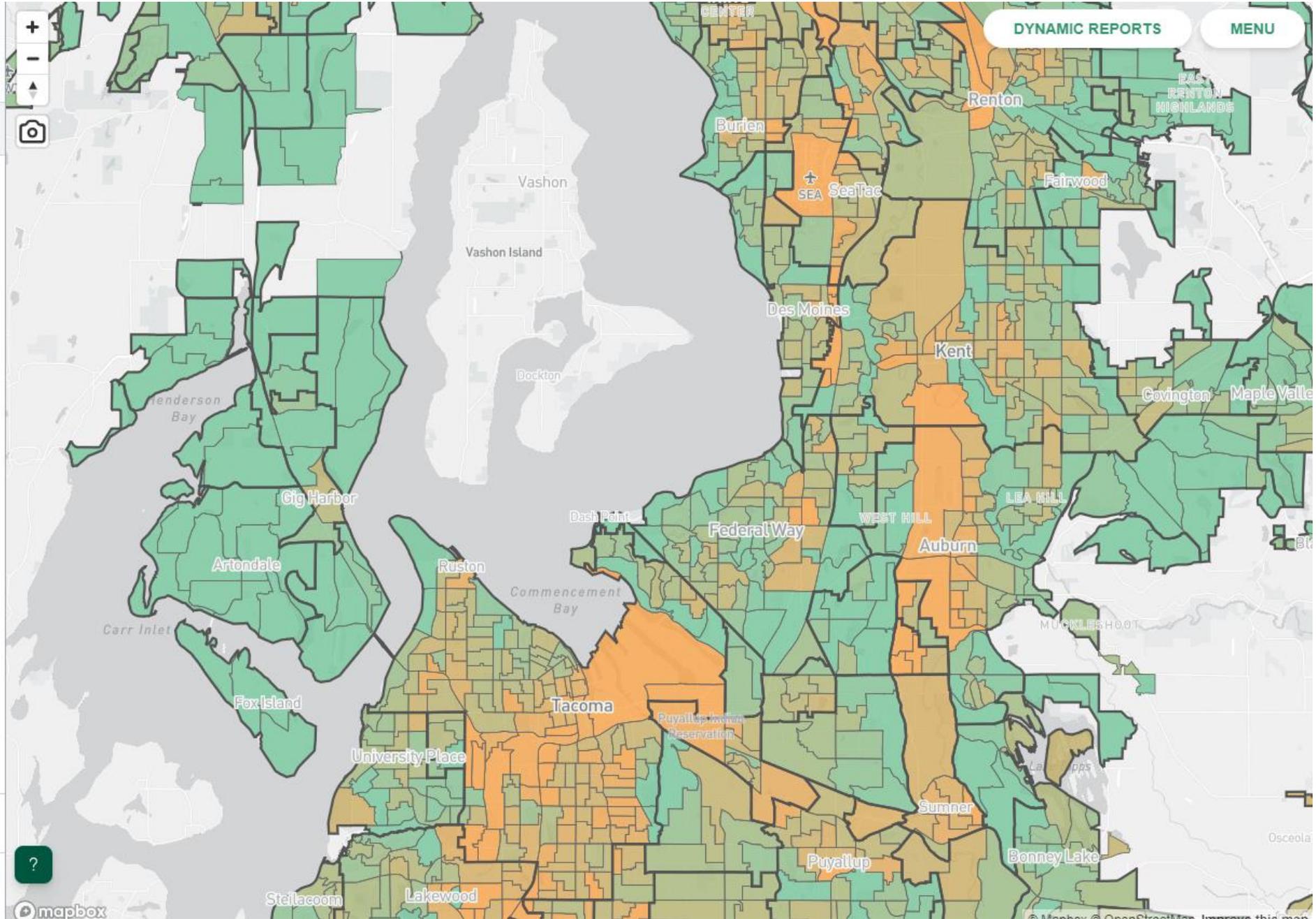
DYNAMIC REPORTS   MENU

71
Tree Equity Score

© mapbox

TREE EQUITY SCORE ANALYZER

Detroit, MI

Search for a location

1 Find areas of the most need using Tree Equity Score and other data.
- Search a location or address, or browse the map.

2 Uncover the hidden story behind where trees are in your community.
- Click or tap the shaded areas on the map to discover more information.
- Toggle map layers to explore patterns.
- Identify areas with the greatest need for investment.

3 Start planning.

Filters   ↺ Reset   ‹ Close

Tree canopy cover ⓘ   0 ——○——○—— 100

Potential tree canopy ⓘ   0 ——○——○—— 100

Impervious surface ⓘ   0 ——○——○—— 100

School ⓘ   Any ⌄

Bus stop ⓘ   Any ⌄

Park ⓘ   Any ⌄

Land use ⓘ   Any ⌄

Brownfield ⓘ   Any ⌄

Area (acres) ⓘ   Any ≤1 1-5 >5

0% ▬▬▬▬▬▬▬▬ 100%

Potential tree canopy

SCENARIOS & REPORTS   MENU

Test ✏   🗑 ▭ ✕

Click on an area on the map to start planting.

Project Planting Overview   **0** Trees Targeted

0 Block Groups
0 Parcels
0 Rights-of-way

VIEW PROJECT IMPACT REPORT

© Mapbox © OpenStreetMap Improve this map

TREE EQUITY SCORE ANALYZER

Detroit, MI
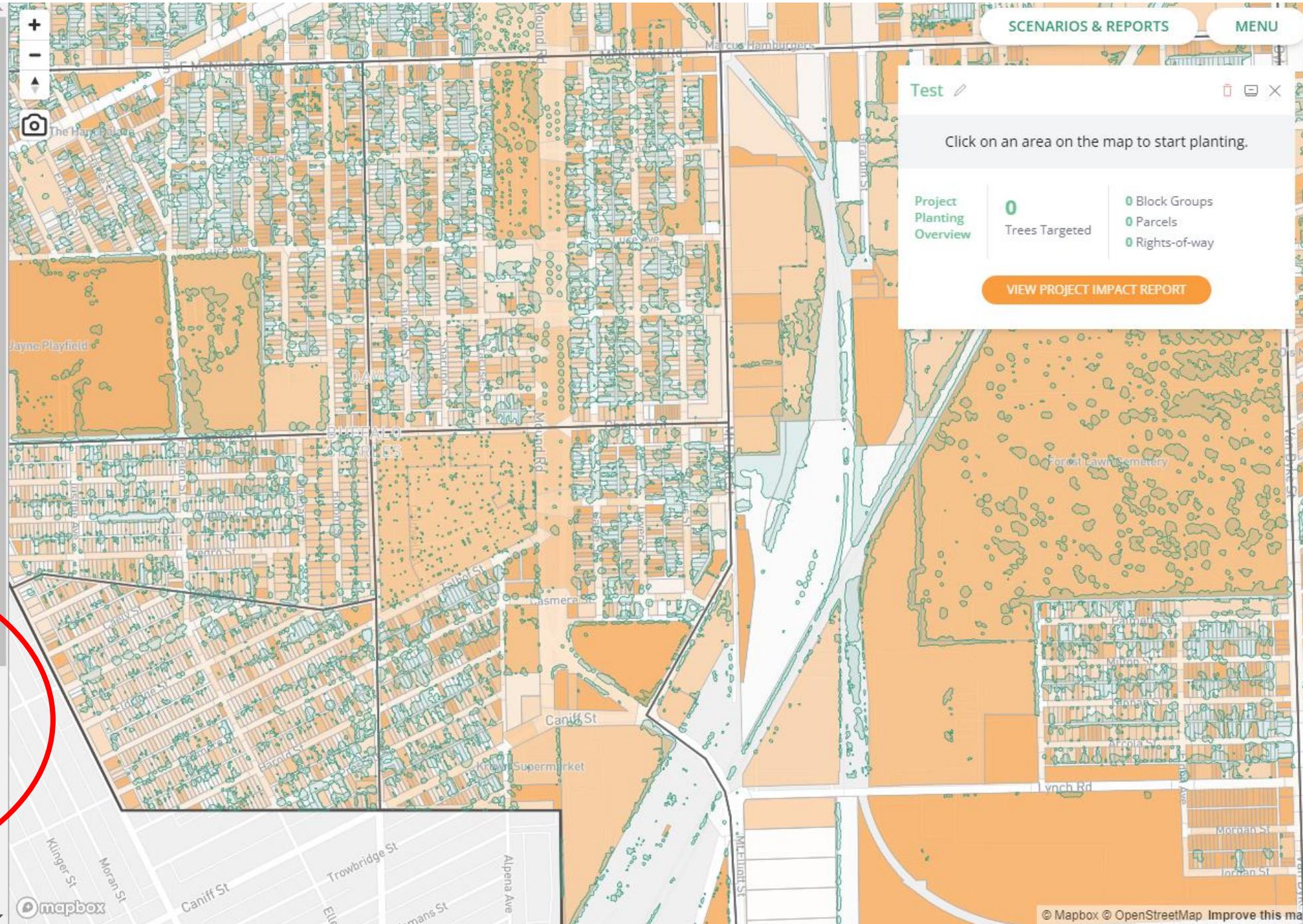
Search for a location

27%
Tree Canopy

Parcel | 13101 BLOOM ST

AREA
4,299 ft²

POTENTIAL TREE CANOPY

35%   6%
Low Vegetation/Barren   Paved Surfaces

UNSUITABLE SURFACE
31%
Roads, Structures, Other

Layers ⌄   Filters ⌄

%   100%

Potential tree canopy

SCENARIOS & REPORTS   MENU

Test

Parcel | 13101 BLOOM ST

How many trees do you want to plant ⍰
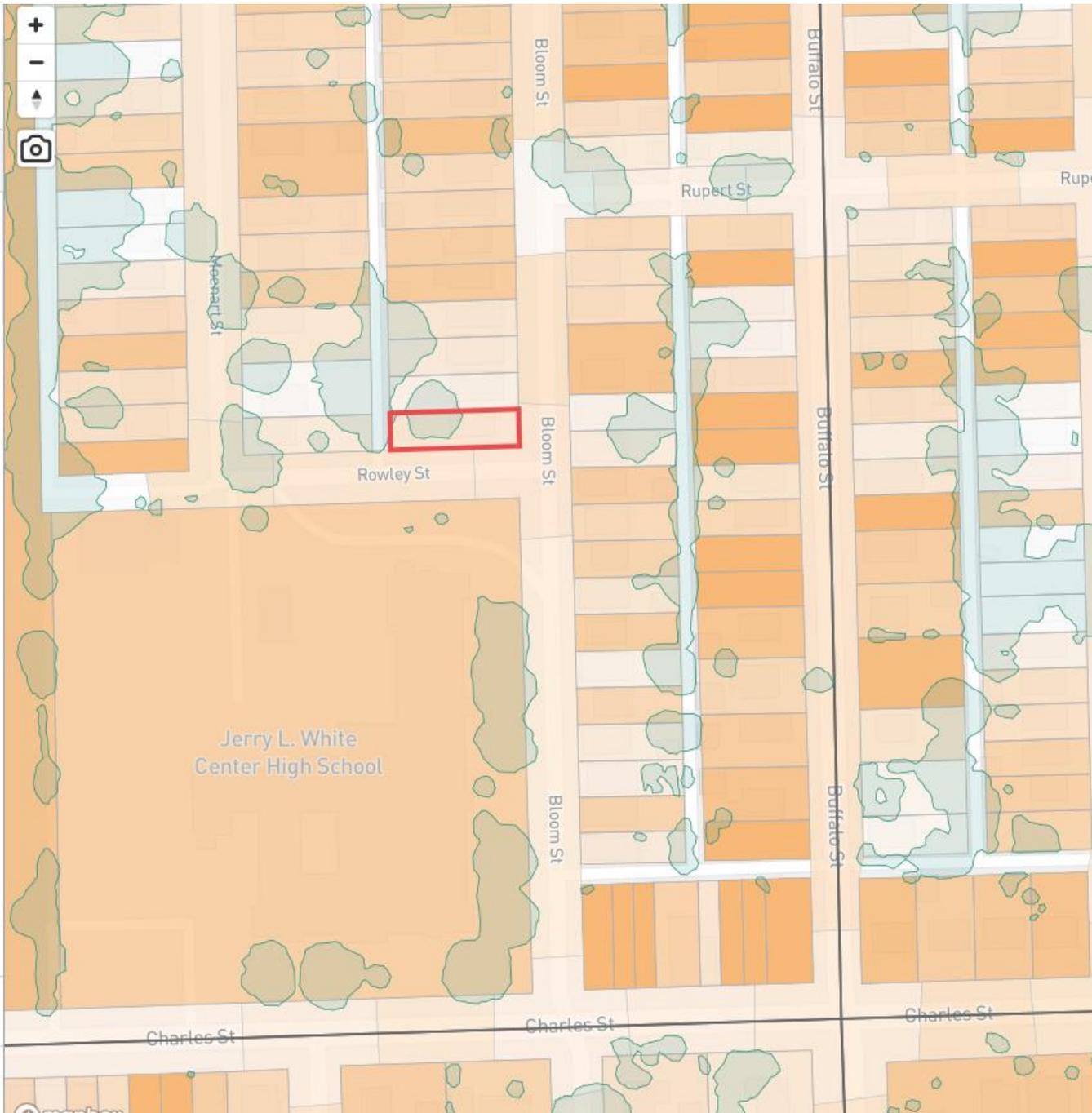
Type	Trees	ft²
Large	0	0 🗑
Medium	0	0 🗑
Small	0	0 🗑

Site Planting Overview

27%   **+0%**
Existing   Planned   0 ft²   1,801 ft²
Canopy   Canopy   proposed   remaining

Block Group Overview | 261635113001

A default target of +5 has been set for this block group's Tree Equity Score. Adjust it below if needed.

TARGET
69

STARTING   MAX
64   **100**

584   **0**
approx. trees   trees planted   Adjust Target
needed to reach   in this block
the target   group

ADD TO SCENARIO   Cancel

Benefits of the Tree Equity Collaborative
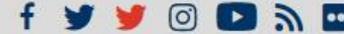
- Access to a statewide network for urban forestry professionals and stakeholders

- Attendance at Tree Equity Learning Labs (professional development workshops)

- Technical assistance from the Department of Natural Resources and American Forests

- Access to urban forestry news, updates, and funding opportunities

Learning Lab #1
Branching Out: Pathways to Powerful Partnerships

WASHINGTON STATE DEPARTMENT OF
NATURAL RESOURCES
HILARY S. FRANZ | COMMISSIONER OF PUBLIC LANDS

Translate

Search here...

PROGRAMS AND SERVICES   ABOUT   MANAGED LANDS   WORKING AT DNR

Forest Health Strategic Plan

Forest Action Plan

Prescribed Fire Program

Post-Fire Recovery Program

Financial Assistance for Forest Health

Forest Stewardship Planning

Wildlife Habitat and Forest Health

Insects and Disease Monitoring

Good Neighbor Authority

Urban and Community Forestry

Urban and Community Forestry

Appreciate Urban Forestry around your c...

Watch later   Share

Watch on ▶ YouTube

Happy Arbor Day, everyone! Governor Jay Inslee has proclaimed April 10th as Washington State Arbor Day. How will you celebrate trees this month? See if there is an event in your area.

The Washington State Urban and Community Forestry Program (UCF) works to educate citizens and decision-makers about the economic, environmental, psychological and aesthetic benefits of trees and to assist local governments, citizen groups and volunteers in planting and sustaining healthy trees and vegetation wherever people live, work and play in Washington state. Our mission is to provide leadership to create self-sustaining urban and

CONTACT

Urban and Community Forestry Program
urban_forestry@dnr.wa.gov

Ben Thompson
Urban and Community Forestry Program Manager
360-485-8651
ben.thompson@dnr.wa.gov

Daria Gosztyla
Urban Forest Inventory & Assessment Specialist
360-481-7399
daria.gosztyla@dnr.wa.gov

Julia Kast
Evergreen Communities Coordinator
564-669-3294
julia.kast@dnr.wa.gov

Em Roberts
Urban Forestry Technician - Western Region
360-790-3296
emily.roberts@dnr.wa.gov

Zeima Kassahun (she/her)
Urban & Community Forestry Specialist
564-233-9177
zeima.kassahun@dnr.wa.gov

WASHINGTON STATE DEPARTMENT OF
NATURAL RESOURCES
HILARY S. FRANZ | COMMISSIONER OF PUBLIC LANDS

Search here... 🔍

f 🐦 🐦 📷 ▶ 📶 📷

Home

Commissioner Franz Announces $8 Million in Urban Forestry Grants
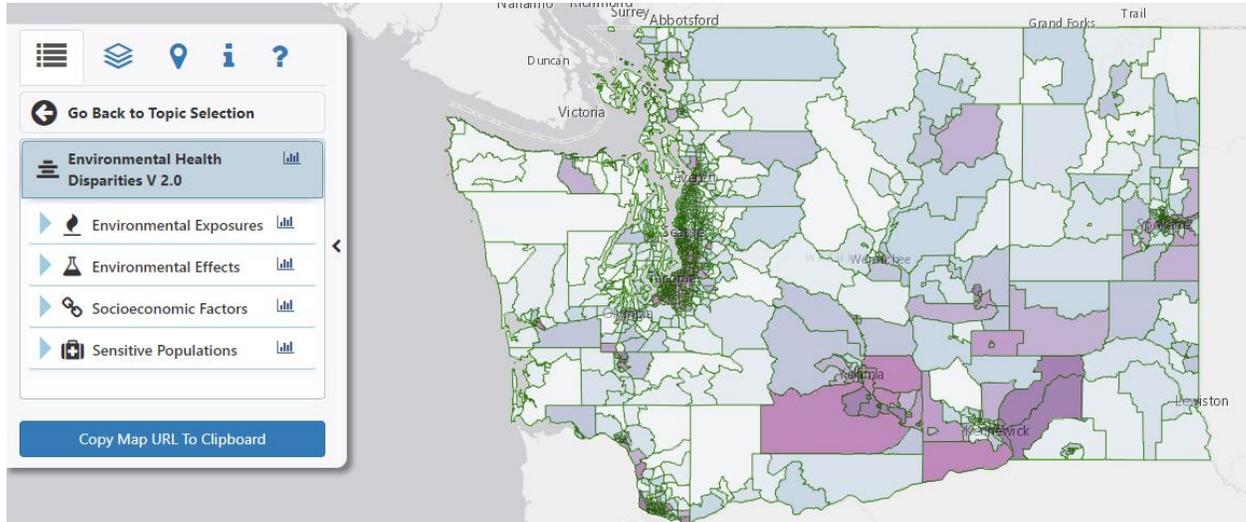
News Date:
FEBRUARY 29, 2024

🔊 🔇 | ⁺A ⁻A | 🐦 | f

More than 40 communities from Seattle to Spokane slated to get funding for urban trees

More than $8 million will be used to plant trees in communities across Washington as the Washington State Department of Natural Resources announced the 45 recipients of the agency's largest Urban and Community Forestry Grant Program ever.

The record-shattering dollar amount is 14 times bigger than the previous single-year record of $550,000 and is nearly three times the total grants awarded by the Department of Natural Resources (DNR) for urban and community forestry projects since 2008.

"Access to clean air, shade, and green spaces should be a basic human right, but the fact is that throughout our state, lower-income communities and communities of color more often live in neighborhoods with more concrete and asphalt, and too few trees," said **Commissioner of Public Lands Hilary Franz**. "We need to bring the same urgency we brought to our wildfire crisis to our efforts to ensure everyone lives in neighborhoods with adequate tree canopy. Trees and tree equity are essential for our quality of life. As temperatures rise and economic disparities widen, trees are no longer a nice-to-have, they are a must-have."

PSRC: Congrats, Renton, Tacoma, and King County!

Go Back to Topic Selection

Environmental Health Disparities V 2.0

▶ Environmental Exposures
▶ Environmental Effects
▶ Socioeconomic Factors
▶ Sensitive Populations

Copy Map URL To Clipboard

Climate and Economic Justice Screening Tool

Explore the map   Methodology & data ⌄   About ⌄   Contact
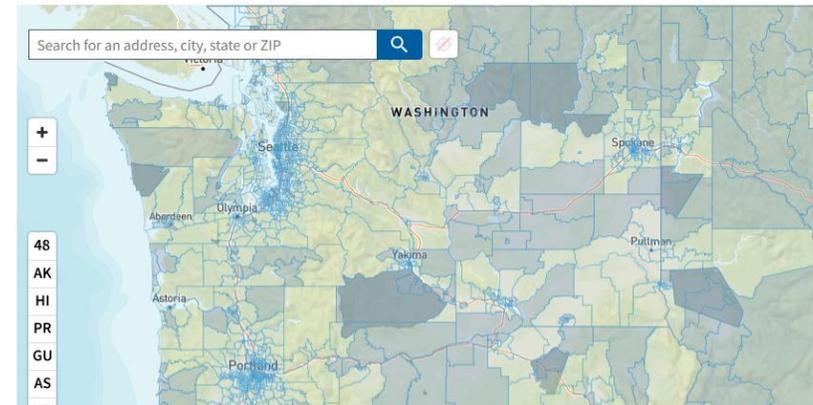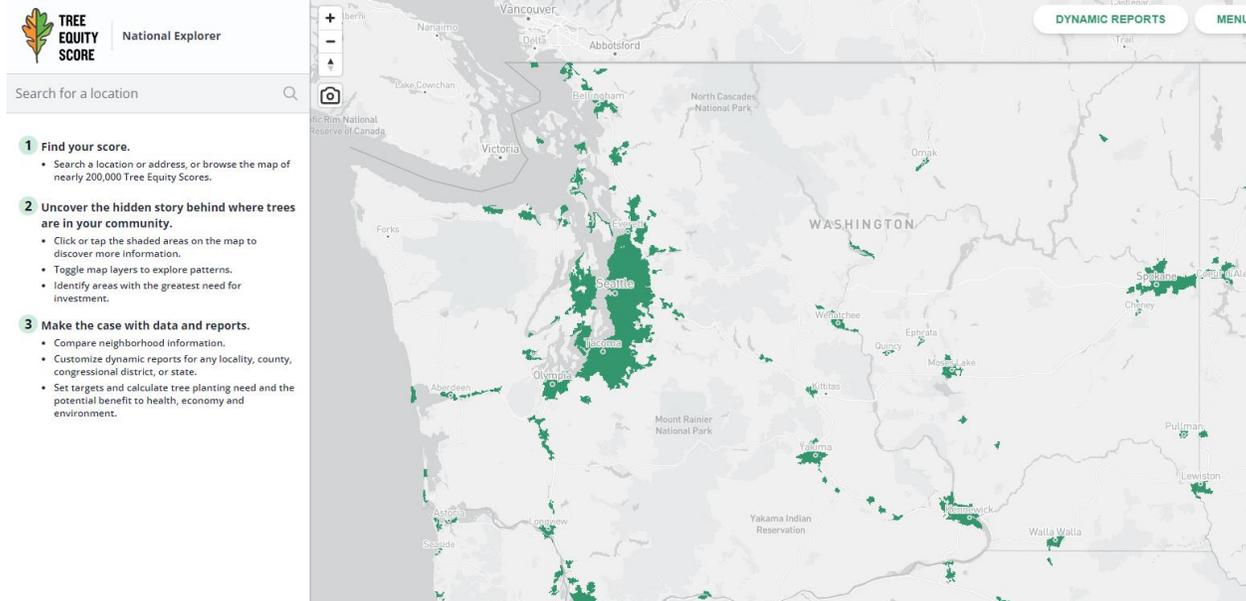
Explore the map

Share data sources with CEQ⧉

Census tracts that are overburdened and underserved are highlighted as being disadvantaged on the map. Federally Recognized Tribes, including Alaska Native Villages, are also considered disadvantaged communities.

Zooming in and selecting shows information about each census tract.

Get the data ⭳

Download the data with documentation and shapefile from the downloads page.

TREE EQUITY SCORE   National Explorer

Search for a location

DYNAMIC REPORTS   MENU

1 Find your score.
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  • Compare neighborhood information.
  • Customize dynamic reports for any locality, county, congressional district, or state.
  • Set targets and calculate tree planting need and the potential benefit to health, economy and environment.

Search for an address, city, state or ZIP

How to use the map:

Zoom in ＋ , search ⌕ , or locate yourself ⊕ and select to see information about any census tract.

Things to know:

The tool uses census tracts ▦ . Census tracts are a small unit of geography. They generally have populations 👥 of between 1,200 - 8,000 people.

Communities that are disadvantaged live in tracts

48
AK
HI
PR
GU
AS
MP

Photos courtesy of
Tacoma Tree Foundation

Discussion

• What layers, features, or information would you like to see in the Tree Equity Score Analyzer? **What management problems are you trying to solve?**

• What unexpected allies and stakeholders could we invite into the collaborative?