

Regional Transportation Plan

Data Collection & Inventories

Transportation Policy Board

May 9, 2024



Puget Sound Regional Council



We are leaders in the region to realize equity for all. Diversity, racial equity and inclusion are integrated into how we carry out all our work.

psrc.org/equity

Today's Presentation

- Overview of data & inventories
- Current update efforts
- Expected outcomes



Overview



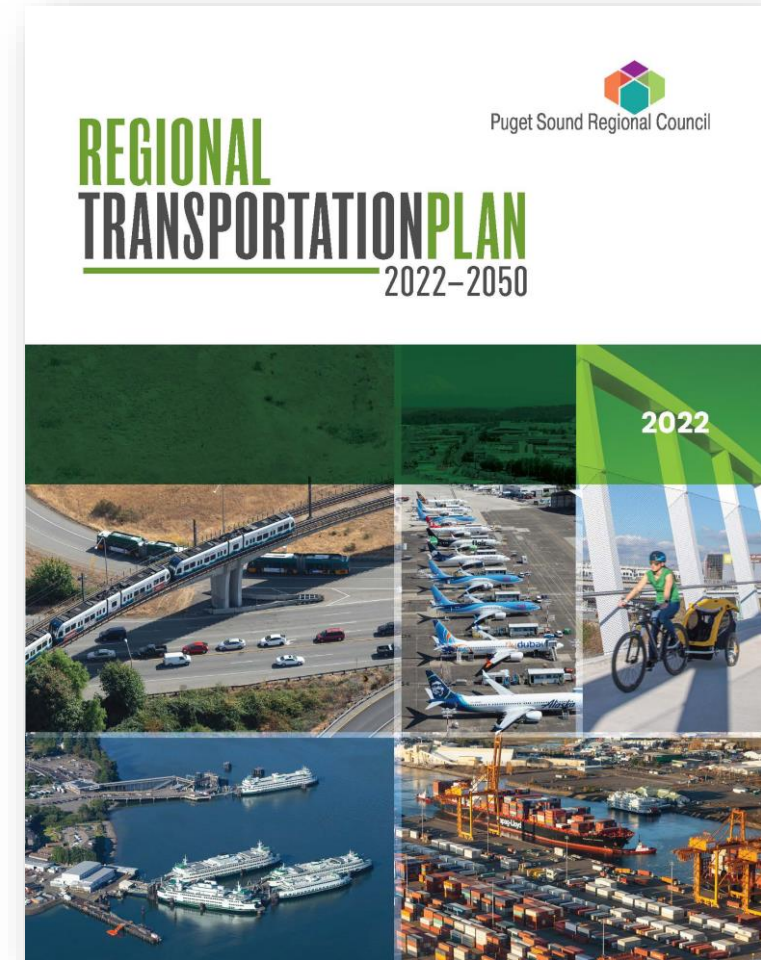
- PSRC collects, compiles, and analyzes transportation data/inventory information for multiple purposes
- Last major update in 2019–2021 to support the 2022 Regional Transportation Plan (RTP)
- Efforts are underway for the next RTP update



Purpose of Inventory / Data Collection Updates

Provides foundation for analysis of metrics & trends in the Regional Transportation Plan

- Data collection and analysis greatly enhanced for 2022 RTP
 - ✓ *First pedestrian facility, ITS traffic signals, and TDM inventories*
- Analysis to support development of the 2026 RTP



Inventory Areas - Collected by *PSRC Staff*



- Pedestrian / Bicycle
- Specialized Transportation
- Mobility on Demand
- Transportation Demand Management (TDM) Programs
- Intelligent Transportation System (ITS)
- Freight



Inventory Areas - Collected by *Other Entities*



- Bridges
- Fish Passage Barrier Corrections
- Intercity Rail & Bus



Other Related PSRC Efforts

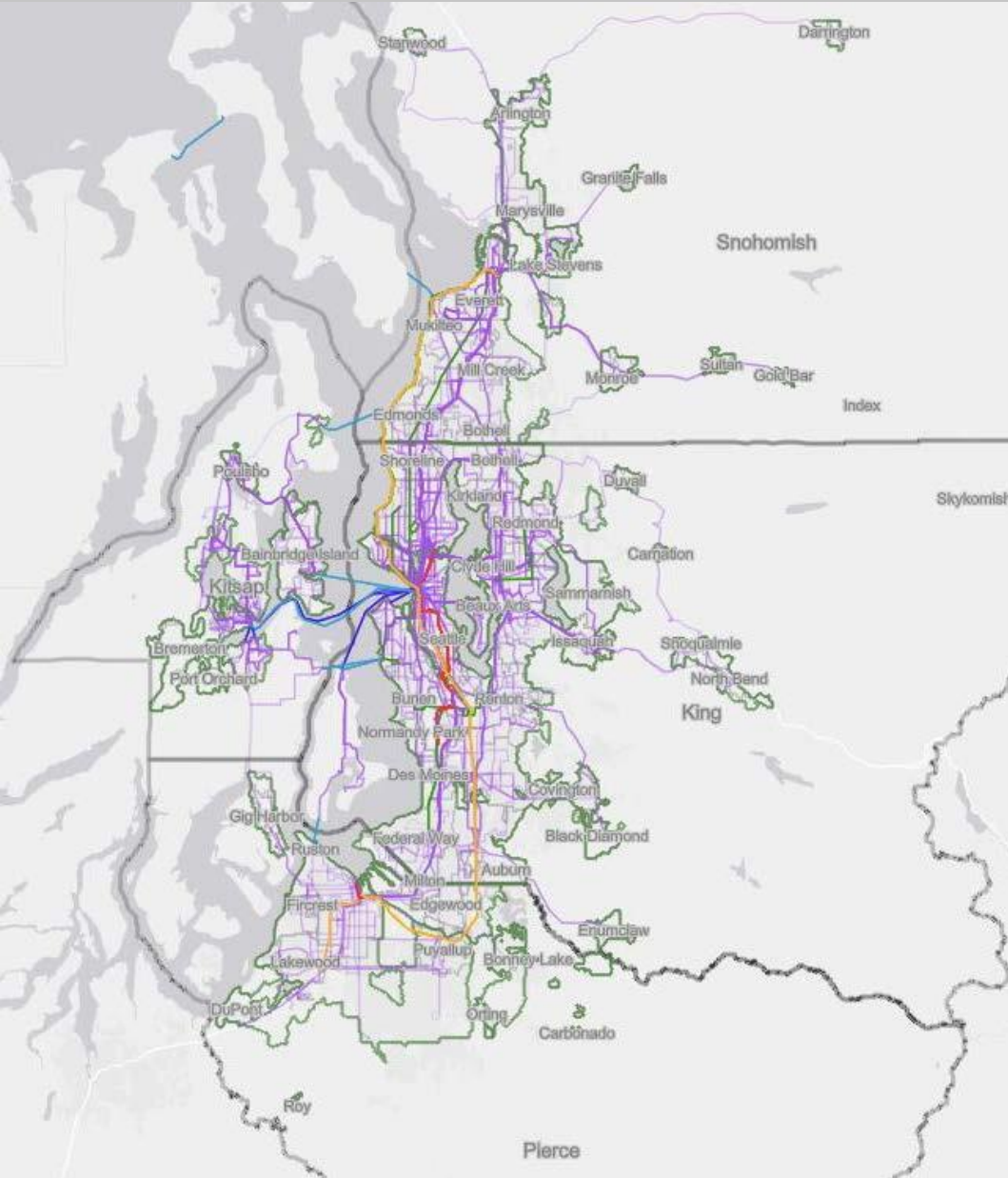


- Regional Safety Plan
 - Key data, analysis, and findings will be incorporated into the RTP
- Regional Financial Strategy
 - Includes extensive collection of data on costs of local agency transportation projects & programs, and current law revenue
 - Includes maintenance & preservation (all system elements)

Updates on both processes will be provided separately as efforts progress



Transportation Visualization Tool



- Includes all mappable data collected
 - Existing transportation facilities
 - Planned future facilities & projects
- Makes data available to agencies and the community at large
- Basis of analysis of transportation system performance, gaps, and trends



Updates for 2026 RTP Currently Underway

Pedestrian and Bicycle

- Sidewalks, bike lanes, trails, shared facilities
 - ✓ *Agencies directed to interactive web map to provide network updates*
- Policies and programs



Specialized Transportation

- Operating services, mobility management programs, and other transportation programs serving people facing mobility challenges
- Will also inform the Coordinated Mobility Plan



Updates for 2026 RTP Currently Underway

Mobility on Demand

- Micromobility (bike/scooter share), micro-transit, ride hailing (transportation network companies, taxis), carsharing
- Surveying availability, roles/responsibilities of agencies involved, ridership, coverage, span of service



Transportation Demand Management (TDM)

- Programs to help people use the transportation system more efficiently and to encourage use of non-drive alone modes through education, incentives, transit fares or passes
- Surveying programs, roles/partnerships, outcomes measured



Updates for 2026 RTP Currently Underway

Intelligent Transportation System (ITS)

- Inventory traffic signals and ITS deployments on NHS
- ITS tools related to signal timing/coordination, adaptive signal control, transit signal priority, signal performance measures, accessible pedestrian signals



Freight

- Truck routes, railroads, at-grade crossings, intermodal facilities, marine ports, airports



Data Analysis

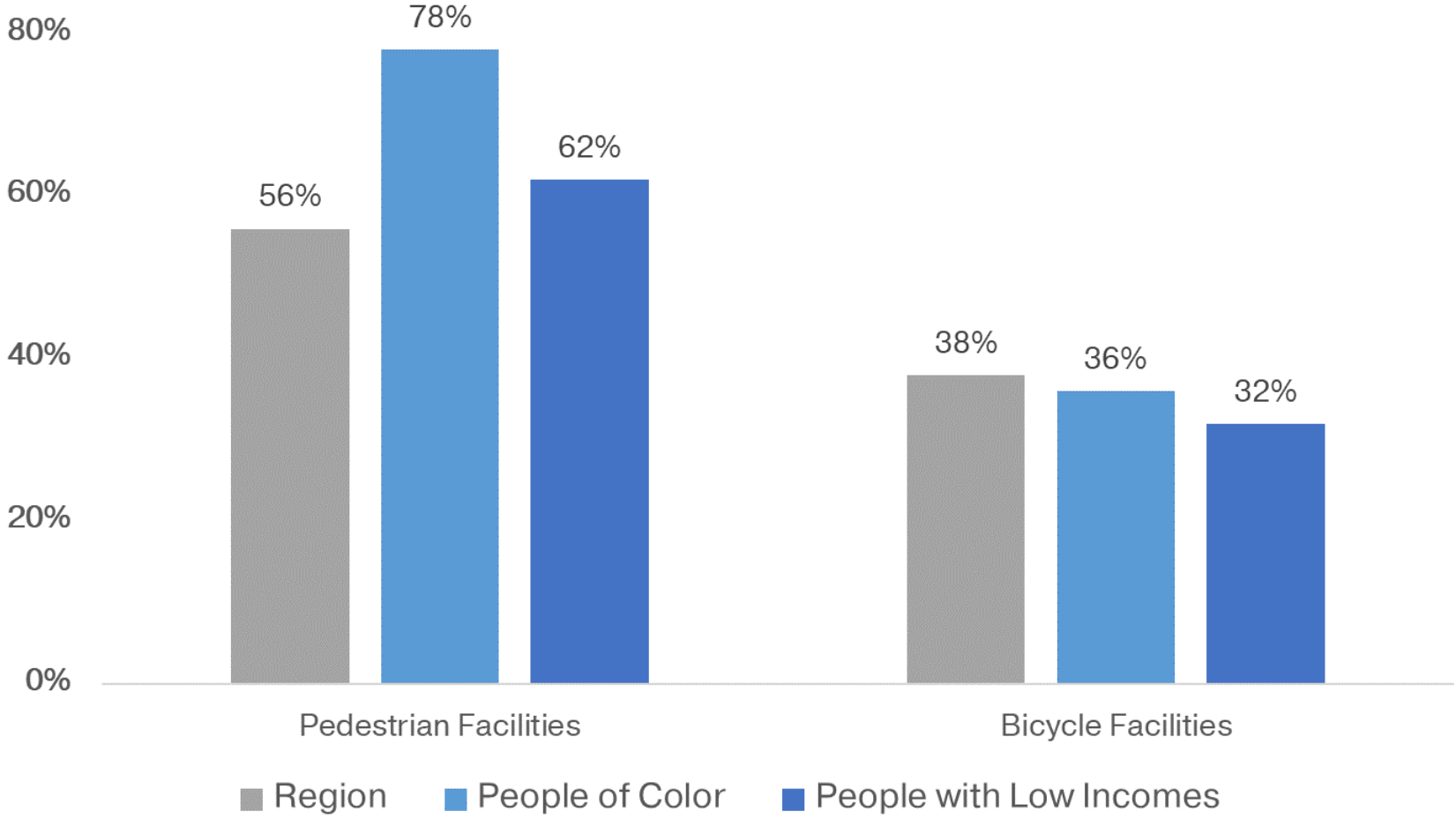
Analysis to support 2026 RTP will include:

- **Gaps in the transportation network**, across regional geographies, equity focus areas
- **Connectivity** to transit, schools, etc.
- **Reach of transit services**, including high-capacity transit and local, areas served, areas needing service
- **Freight movement patterns and needs**, areas of concentration
- **Trends** over time



Example of Analysis from 2022 RTP

Nonmotorized Facility Coverage on Arterials, by Census Tract



Example of Analysis from 2022 RTP

Intelligent Transportation Systems (ITS) – Of the 2,600 traffic signals along the National Highway System in our region,

- Nearly all have at least some type of pedestrian signal
- ~70% are coordinated
- ~32% meet Accessible Pedestrian Signal (APS) standards
- ~12% have Transit Signal Priority
- ~9% have Adaptive Signal Control



Example of Analysis from 2022 RTP



Of 106 **Transportation Demand Management** programs reported in the region,

- 58% focused on work trips
- 26% focused on all trips
- 16% focused on school trips
- None focused solely on non-work trips



Next Steps to 2026



- Majority of data collection updates completed this year
- Efforts in 2025 will focus on analysis of updated data
- Strong focus on
 - Robust analysis of access to transit
 - Trends over time



Thank You!

Jennifer Barnes
jbarnes@psrc.org
(206) 389-2876

Kelly McGourty
kmcgourty@psrc.org
(206) 971-3601



Puget Sound Regional Council