

State of the System Report

Transportation Policy Board
February 11, 2021



Puget Sound Regional Council

Overview

- Reminder of the “Transportation System Conditions Visualization Tool”
- Report on key findings
- Other conditions metrics
- Next steps



Data Collection and Visualization Tool

- 2019-2020: Expanded data collection of the regional transportation system
 - *Bicycle / pedestrian facilities, freight, signals, TDM, specialized transportation services, etc.*
- Combined with other regional data in a new visualization tool
 - *Transit routes and stops, congestion, demographic data, etc.*
- Leading to analysis of conditions to inform Regional Transportation Plan and local planning



Examples of Key Findings

- Preliminary analysis of current conditions / potential needs in the following areas:
 - Coordinated signals
 - Transit signal priority
 - Bridge condition
 - Bicycle and pedestrian network, and access to transit
 - Community transit access
 - Specialized transportation services coverage
 - Transportation Demand Management program coverage



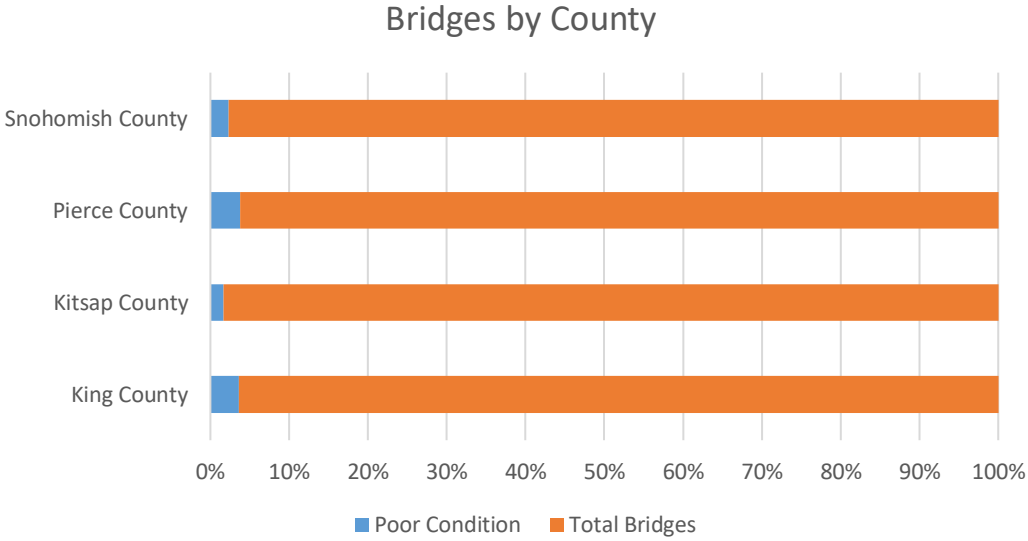
Examples of Key Findings - Signals

- 77% of traffic signals on severely congested roadways* are coordinated with other signals (*on National Highway System (NHS) facilities)
- Bus Rapid Transit routes on NHS facilities:
 - 57% of routes have transit signal priority for at least half of their signalized intersections
 - All routes have at least one signal with transit signal priority
- Local and Express transit routes on NHS facilities:
 - 8% of routes have transit signal priority for at least half their signalized intersections
 - 46% of routes have at least one signal with transit signal priority



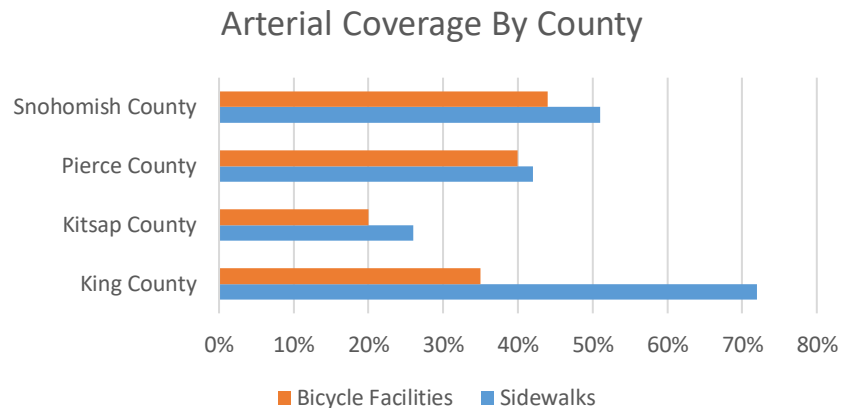
Examples of Key Findings - Bridges

- 3.4% of bridges are structurally deficient, i.e. in “poor” condition



Examples of Key Findings – Bicycle / Pedestrian

- 56% of arterials in the region have partial or complete sidewalks, and 37% of arterials have partial or complete bicycle facilities



- Bike / Ped access to current High-Capacity Transit stations:
 - Within ¼ mile:
 - 95% of stations have some level of sidewalk access
 - 61% of stations have some level of bicycle facility access



Examples of Key Findings – Transit

In 2018:

- 14% of people lived within ½ mile of High-Capacity Transit
- More than 28% of people of color lived within ½ mile of High-Capacity Transit
- 22 cities in the region had some type of High-Capacity Transit



Examples of Key Findings – Specialized Transportation

- 94.6% of the region's population is within the coverage area for ADA Paratransit service
 - 94.6% of older adults (65+) is within this area
 - Slightly lower percentage of people with a disability are within this area, at 93.9%
- Areas not covered are primarily rural



Examples of Key Findings - TDM

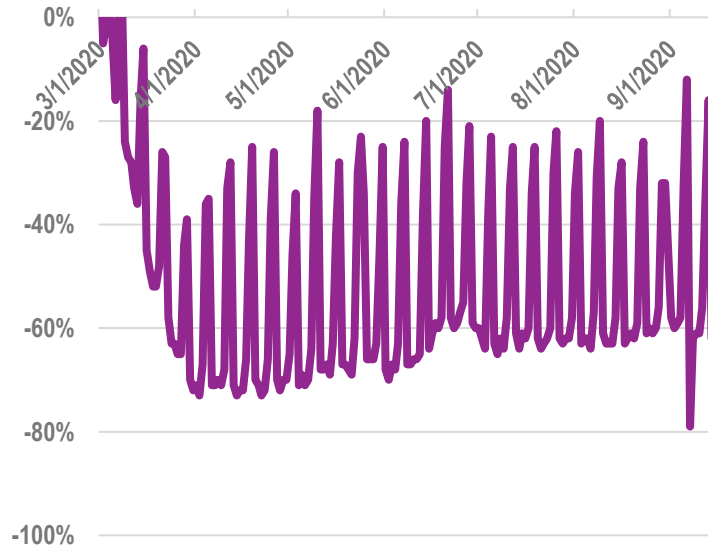
- Residents in all 82 cities can participate in a countywide or transit agency TDM program
- In addition, 46% of jurisdictions have a local CTR and/or TDM program
 - Jurisdictions with the most programs are in larger population and employment centers
 - Those jurisdictions without a local program are lower population and/or rural areas
 - The number of local TDM programs grew by almost 20% between 2015 and 2019



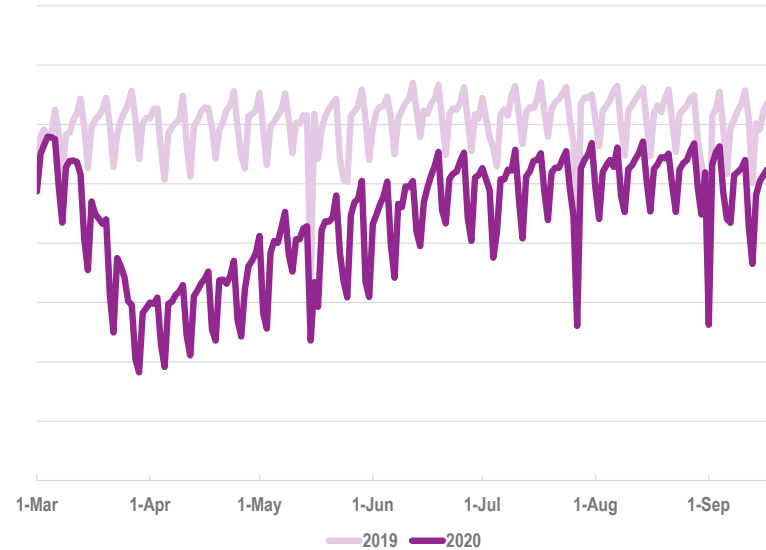
Other Conditions Metrics

- Example of “traditional” metrics – highway volumes and transit boardings

Community Transit



Average Daily Traffic Volumes: March 1st to September 17th



Next Steps

- Continued assessment of tool, more detailed analyses related to population groups and areas
- Looking to future conditions –
 - VISION 2050 Regional Growth Strategy
 - RTP updated investments list and TIP projects
- Ongoing monitoring of current conditions and trends during and post-COVID

