

Regional Traffic Operations Committee

JANUARY 2022 MEETING



Puget Sound Regional Council



Presentation: Open Data Collaborative Approaches to Accessible Transportation –

*Anat Caspi, Director of The Taskar
Center for Accessible Technology*



Discussion:
**Draft Regional Transportation Plan
Review**

Regional Transportation Plan

- Builds from VISION 2050
- Objectives:
 - Make progress on existing challenges, address current and future needs of the transportation system
 - Provide better data and analysis to support local investment planning (2024 comprehensive plans)
 - Plan for long-term system investments to accommodate future growth
 - Improve existing system, big picture thinking on future investments (aviation, rail, ferries)



Key Planning Work – System Needs and Opportunities

PSRC's Transportation System Conditions Visualization Tool

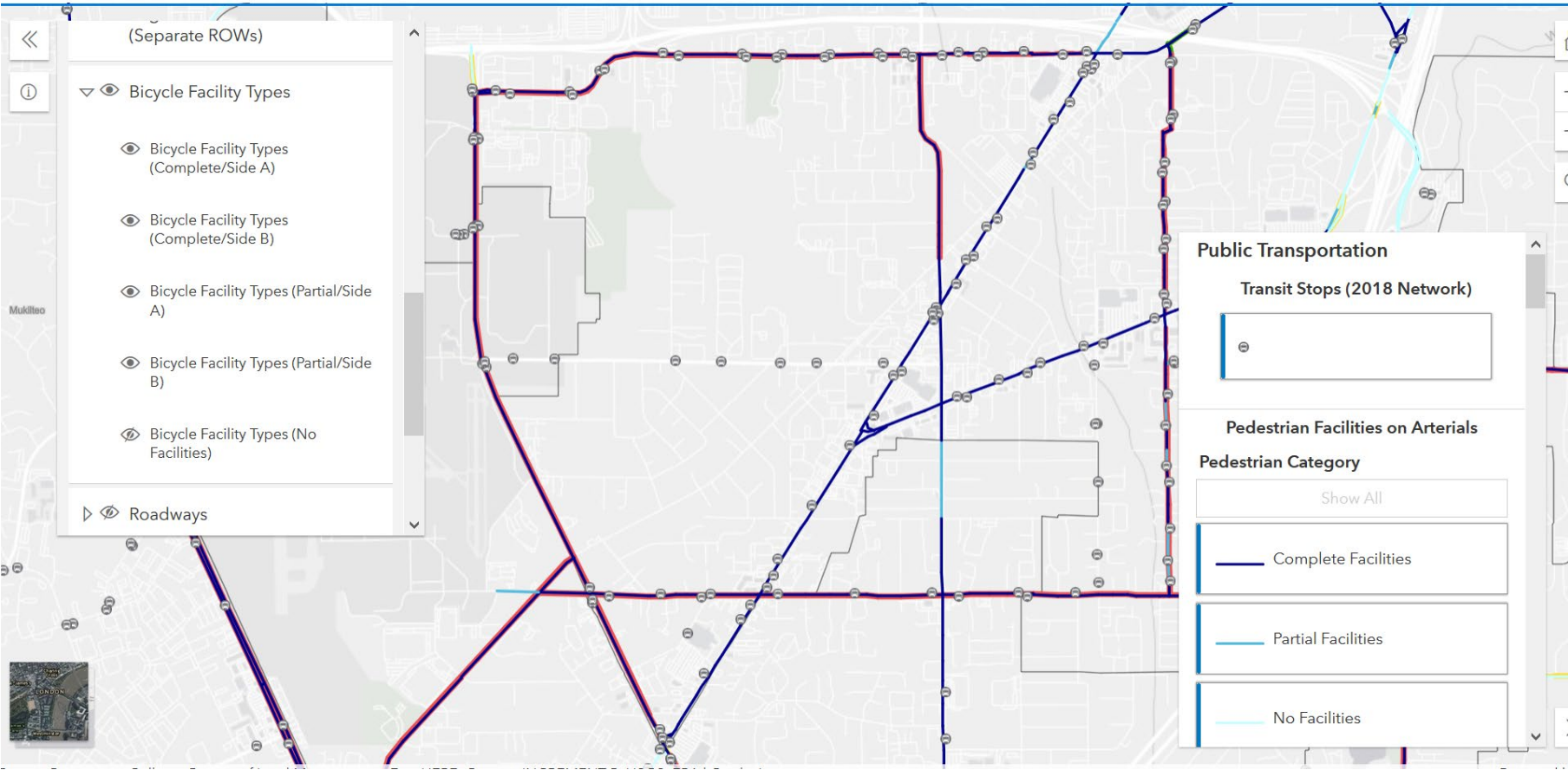


2022–2050

REGIONAL TRANSPORTATION PLAN

Full System (All Layers)

Full System (All Layers)



<https://www.psrc.org/our-work/regional-planning/regional-transportation-plan/rtp-data-research>



What Have We Heard?



Online Engagement Platform



Virtual Outreach Meetings



Personal Interviews



Social Media



Survey

 **Puget Sound Regional Council**
on Thursday 

We want to hear from you! Take a survey to help plan the future of transportation in Puget Sound: <https://engage.psrc.org/regional-transportation-plan>



HOW WILL YOU GET AROUND?



ENGAGE.PSRC.ORG
Regional Transportation Plan
PSRC is developing the next Regional Transportation Plan, which will des...

What Have We Heard?

Top five priorities:

- Reliable, well-maintained roads and highways
- Reliable, well-connected transit service for local neighborhoods
- Expanded transit to major destinations
- Complete bike/ped facilities
- High speed rail

Top three motivators to use transit more:

- Shorter trip times
- Easier to access
- Extended service

Top six mobility needs for people with special transportation needs:

- Shorter travel times when taking regular transit or specialized transportation
- More transportation services at times when they are needed
- Accessible information about available services and language services
- Better access to health and wellness destinations
- Affordable transportation services
- More connected ADA-accessible infrastructure (i.e., curb ramps)



What's in the Plan?

- \$300 billion of investment over the next 28 years
 - 56% will maintain, preserve and operate the system
 - 70% of the plan's system improvements are for investments in local and regional transit
 - 84% of the plan funded with forecast current law revenues



36

Bus Rapid Transit
routes



10

Passenger-only Ferry
routes



116

Miles of light rail and
80+ stations



Key Performance Measures

Centered on race and equity, the levels of geography that are analyzed =

- County
- Regional Growth Center
- Regional Geography
- Equity Focus Areas
 - Above 50% / Above Regional Average People of Color
 - Above 50% / Above Regional Average People with Low Incomes
 - Above Regional Average Youth (age 5-17)
 - Above Regional Average Older Adults (aged 65+)
 - Above Regional Average People with Limited English Proficiency
 - Above Regional Average People with Disabilities



Key Highlights: What will the Plan Deliver?

In 2018, the average household spent an additional 62 hours a year traveling due to congestion. By the year 2050, the average household is forecast spend 53 additional hours each year traveling, a **-15%** reduction over the Base Year.

2022-2050
REGIONAL TRANSPORTATION PLAN



Key Highlights: What will the Plan Deliver?



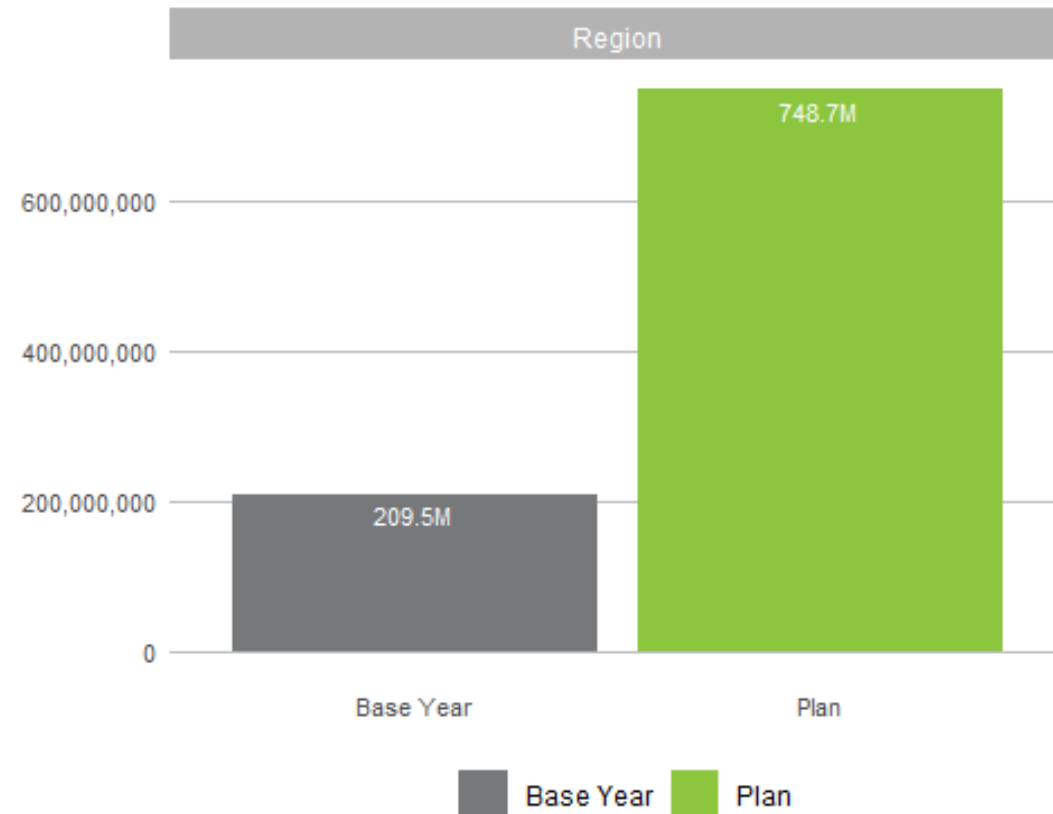
In 2018, the average household drove more than 15,900 miles per year. By the year 2050, the average household is forecast to drive approximately 12,300 miles per year, a **-23%** reduction over the Base Year.



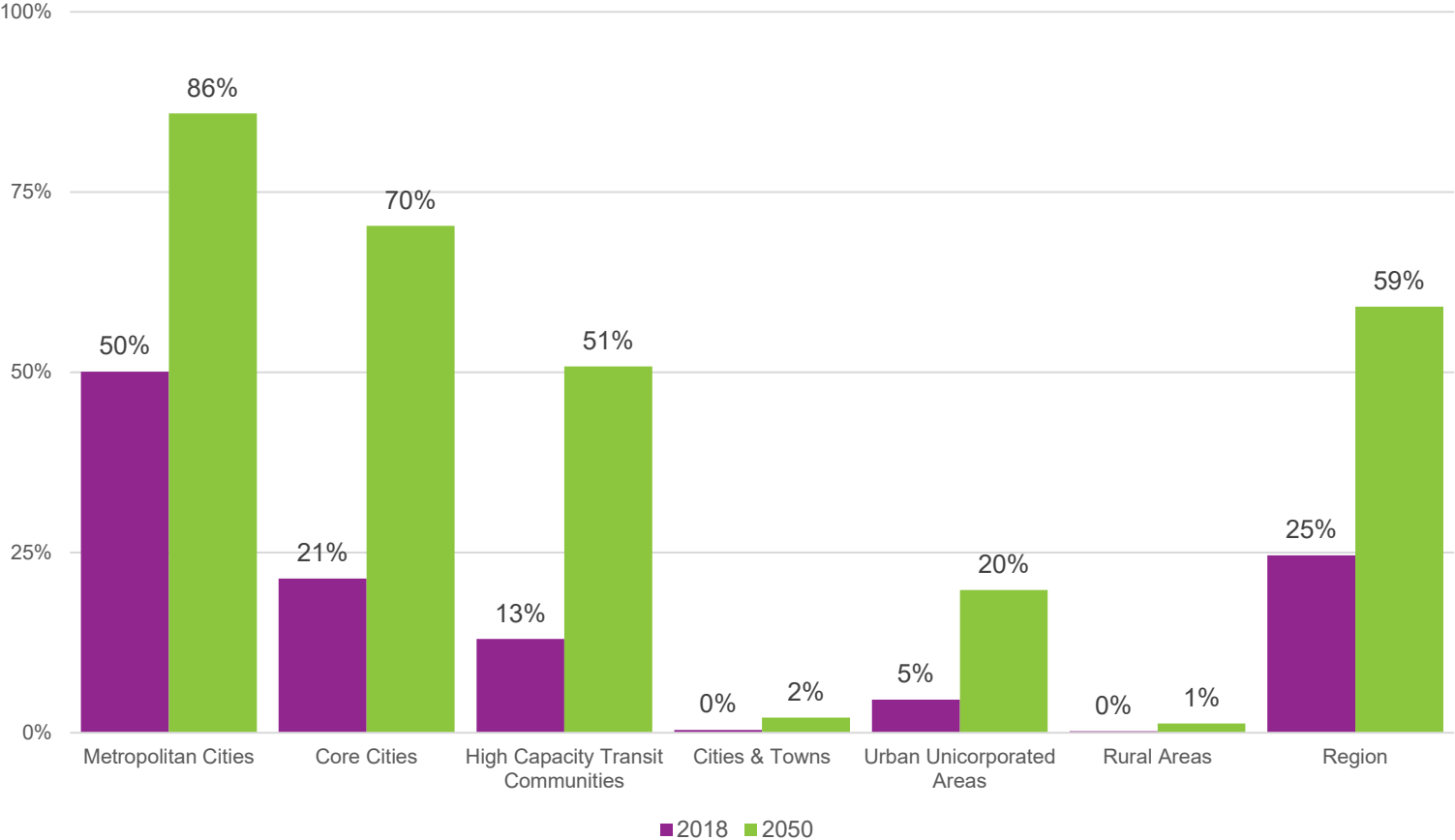
Key Highlights: What will the Plan Deliver?

Transit boardings are forecasted to **more than triple** by 2050 with expansion of High-Capacity Transit investments in rail, bus rapid transit and passenger only ferries

2022–2050
REGIONAL TRANSPORTATION PLAN



Key Highlights: What will the Plan Deliver?



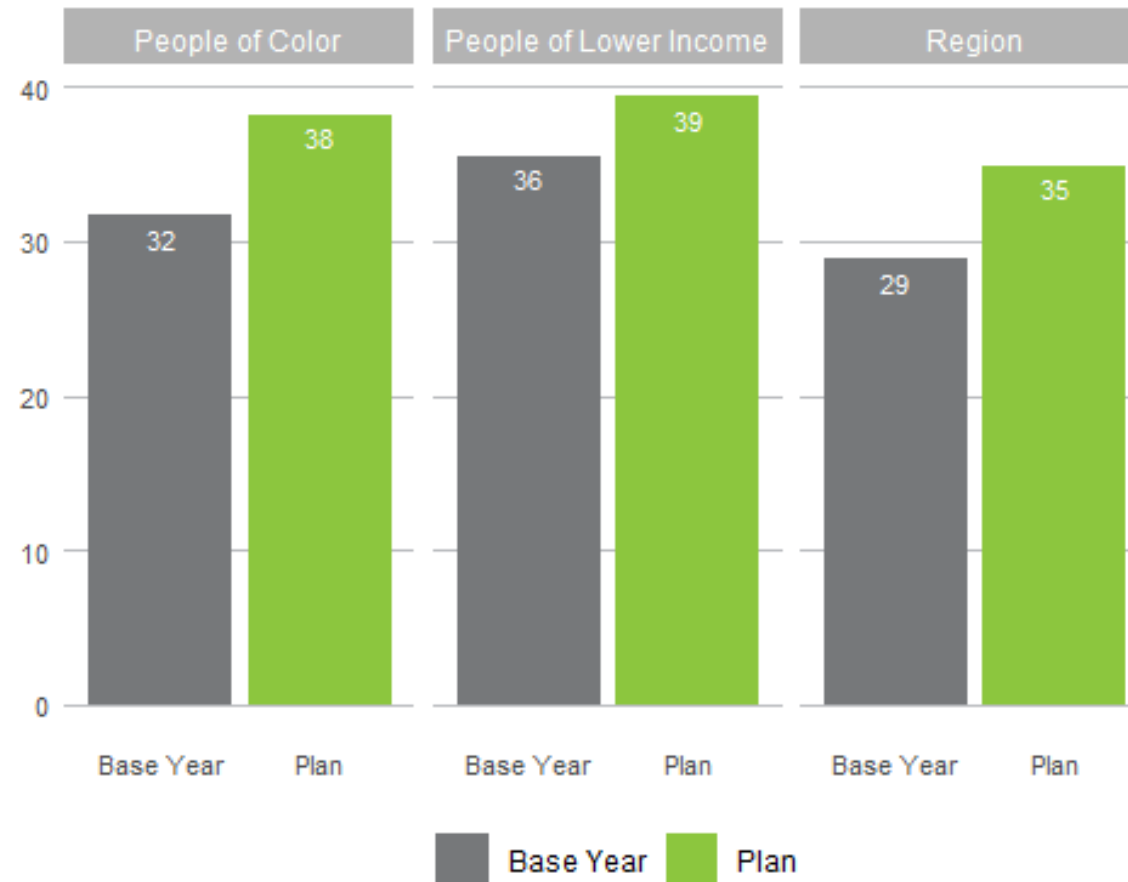
By 2050, **59% of households** will live within a 1/2 mile of high-capacity transit service



Key Highlights: What will the Plan Deliver?

2022-2050
REGIONAL TRANSPORTATION PLAN

By 2050, the average person will **walk or bike 21% more** than today



Technology Chapter

- Technology/ITS has a role across elements of the Regional Transportation Plan
 - Modes of travel –
 - Bicycles, transit, freight, personal vehicles, etc.
 - Operational efficiencies –
 - Improves mobility, efficiency, and safety
 - Traffic control systems, signals, cameras, mobility on demand, etc.
 - A regional ITS inventory was developed and is in use in the system conditions visualization tool



Technology Chapter

Key messages =

- Continue to work with partners to monitor emerging ITS activities, highlight best practices, and identify potential performance benefits.
- Jurisdictions vary in terms of how much they have invested in ITS assets. In coordination with staff committees and member agencies, consider developing a guidance document for these jurisdictions that includes examples of best practices and highlights benefits.
- Identify the cross-cutting nature of technology throughout the RTP, illustrating future opportunities and emerging technologies across modes.



Schedule and Next Steps



Public comment period January 13 through February 28, 2022





Review Online Open House and ITS/Tech Chapter in the Plan



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