



# Regional Transportation Plan – Equity Analysis

April 30, 2021  
Peer Networking



Puget Sound Regional Council

# Central Puget Sound Region



- 4.3 million people
- 2.3 million jobs
- 4 counties
- 82 cities and towns
- Urban and rural
- 6400 square miles
- 1000 square miles urbanized



# Puget Sound Regional Council

## What we do

- Planning: growth, economy, transportation
- Federal transportation funds (\$290 million/year)
- Regional data and forecasts
- Forum for regional issues

## Our members

- Cities, Counties, Ports, Transit
- State Agencies and Tribal Governments



Councilmember Claudia Balducci  
*King County - President*



Mayor Becky Erickson  
*City of Poulsbo – Vice President*

# Integrated plan for sustainable development

## REGIONAL POLICY DIRECTION

### VISION 2050

—Multicounty Planning Policies—  
—Regional Growth Strategy—

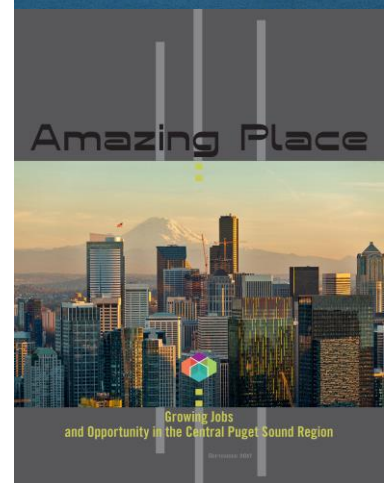
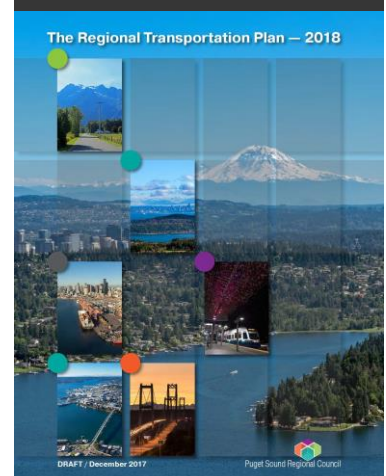
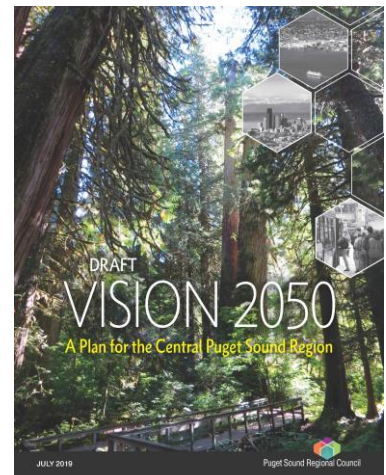
## DETAILED FUNCTIONAL IMPLEMENTATION PLANS

### Regional Transportation Plan

—Metropolitan Transportation Plan—

### Regional Economic Strategy

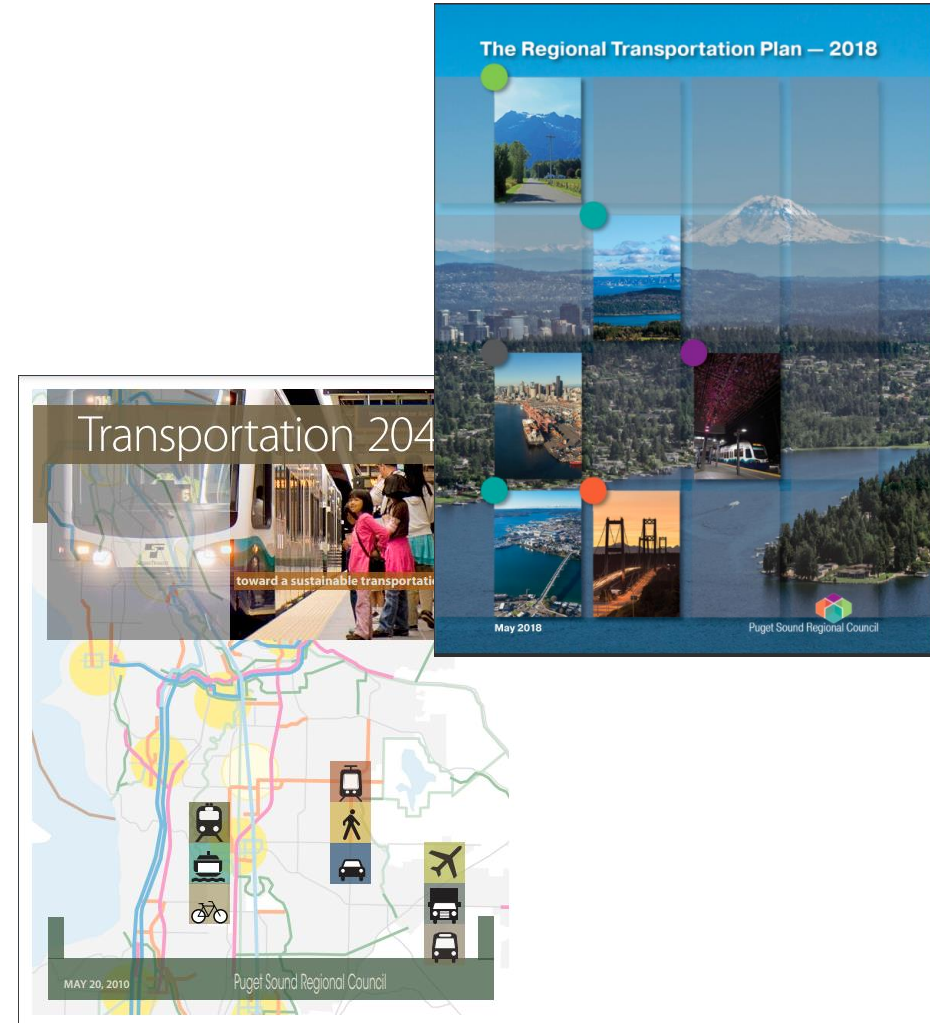
—Comprehensive Economic Development Strategy—



# Regional Transportation Plan (RTP)



- The RTP lays out a set of steps that are designed to improve transportation in the region.
- It is a comprehensive document that states the objectives and actions for the region to meet its mobility needs.



# PSRC History

- **Environmental Justice**

- Focused analyses
- Demographic profiles
- Targeted outreach

Puget Sound Regional Council  
**PSRC**

**VISION 2020**  
Draft Environmental Impact Statement  
Environmental Justice

Public Outreach  
**SUMMARY REPORT**  
June-September 2006

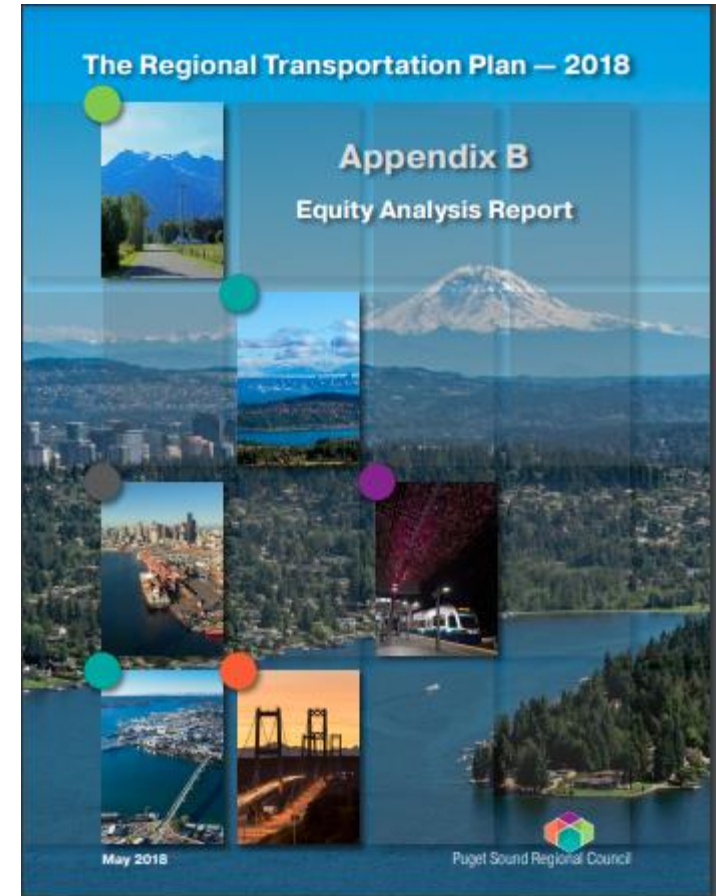
Transportation 2040  
**UPDATE**  
toward a sustainable transportation system

Appendix G: Environmental Justice

MAY 29, 2014 Puget Sound Regional Council

# Equity Analysis Report

- Formerly known as the Environmental Justice Summary
- More information on regional trends
- Evolution of modeling tools that allow PSRC to better evaluate equity
- Discussion about how people are impacted



# Equity Analysis Report

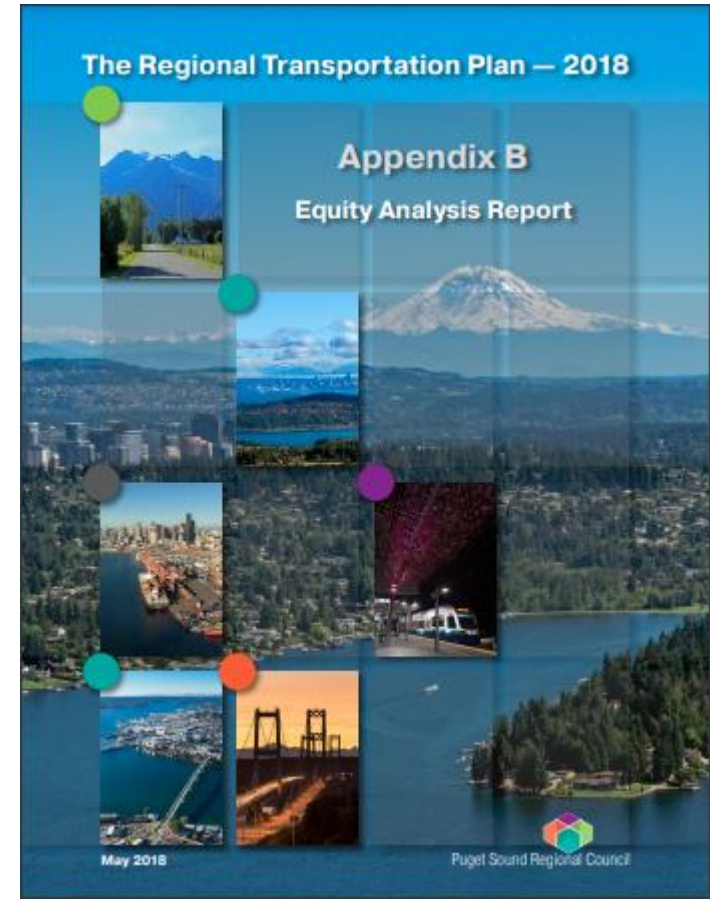


## Potential benefits

- Reduced travel times
- Reduced congestion
- Improved safety outcomes

## Possible burdens

- Reduced access to schools
- Displacement
- Disruption to businesses



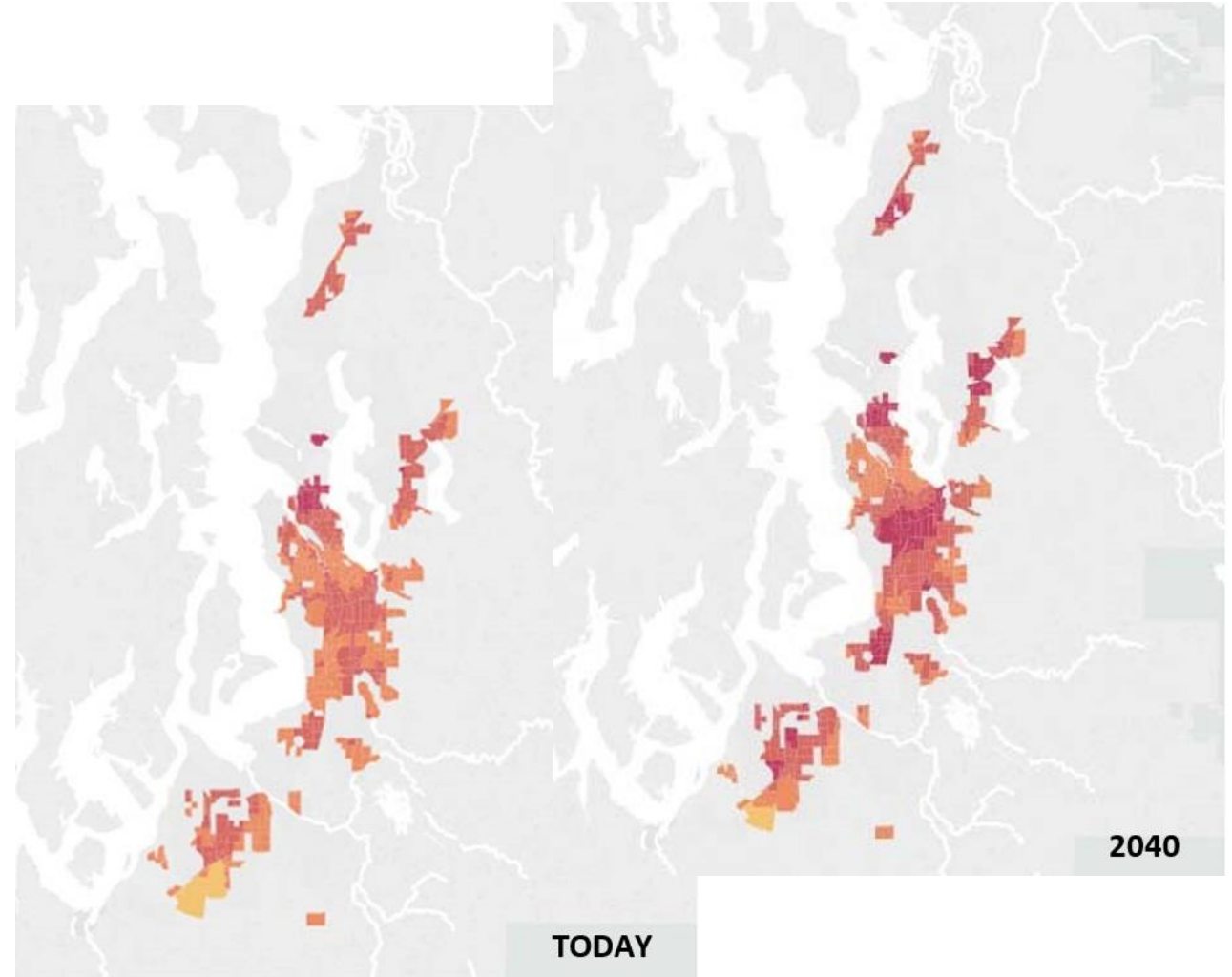


# Accessibility



**Relative ease of reaching places to engage in activities like work, school, going to the doctor:**

**For those living in areas with majority people of color, accessibility is seen to improve.**



Accessibility Index for Zones with More than 50% People of Color, 2014 and 2040

# Active Transportation



**Opportunities to walk or bike to work, a friend's house, to access transit, etc.:**

**In 2014, people of color used active transportation just slightly more than the region on average, and people with low income slightly more than that. The rate of change was anticipated to be highest for people in lower income areas, a 26 percent increase, and people of color not far behind at 22 percent.**

	Today	2040	Change
Region	31%	36%	+16%
People of Color	32%	39%	+22%
People with Low Income	35%	44%	+26%

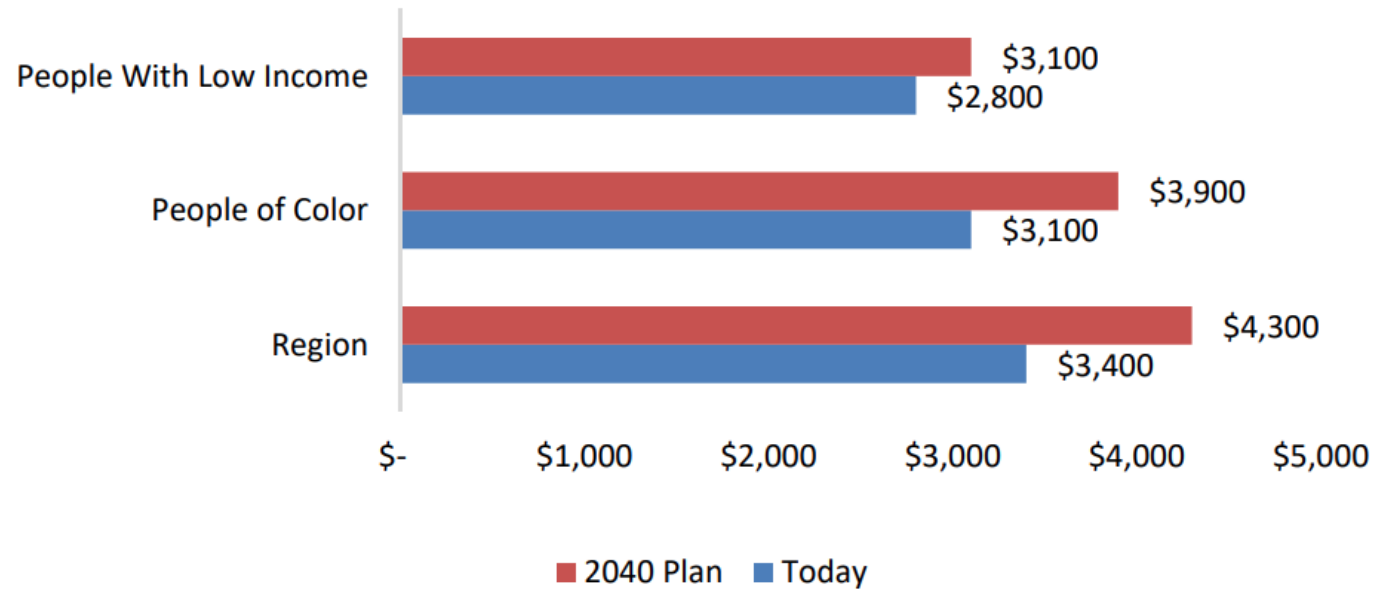
Percent of People Walking and Biking for Transport, 2014 and 2040

# Transportation Costs



**These costs include all immediate expenses like tolls, fuel, and transit fare; not fixed costs such as vehicle ownership and insurance:**

**A household earning \$20,000 would be spending 15% of their income on transportation in 2040, while a household earning \$60,000 would be spending less than half of that, at around 7% of their income.**



Annual Out-of-Pocket Transportation, 2014 and 2040



# Improvements in Public Engagement



# Public Engagement



- **RTP Survey**

- CBO outreach and social media toolkits
- Translated in Chinese, Somali, Spanish and Vietnamese
- \$100 gift cards
- \$125 for follow-up research

# Public Engagement



- **Equity Advisory Committee**
  - Center equity in PSRC work
  - Involve stakeholders early and often
  - Co-create Regional Equity Strategy

# Public Engagement



- **Compensation Policy**
  - \$125 flat rate
  - Includes meetings, prep, childcare, travel, etc.
- **Other Expenses**
  - Translation
  - Location rental

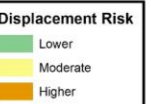
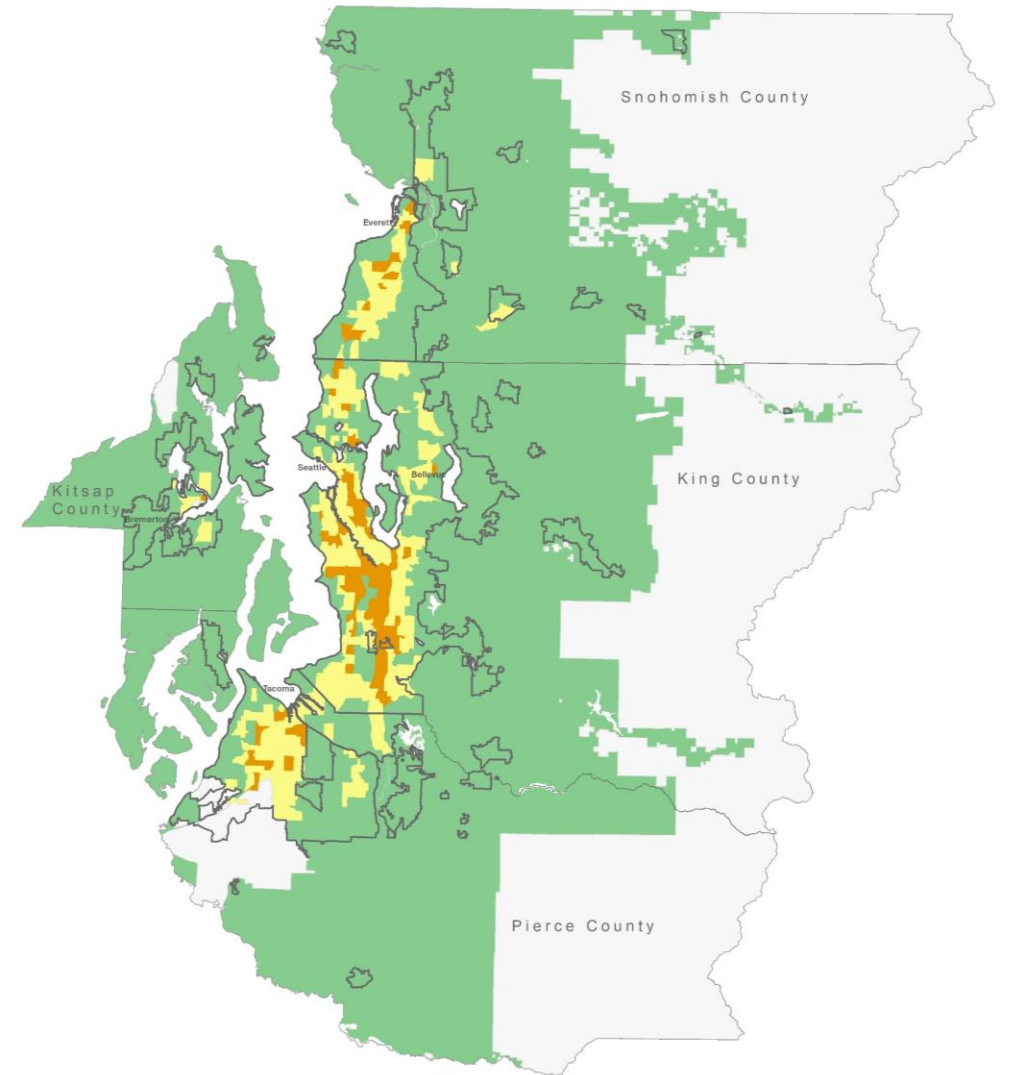


# Evaluating and Addressing Displacement



# Displacement

- **Displacement Risk Mapping**
  - Developed in 2018
  - Identify relative risk of displacement



# Displacement



## Socio-demographics

- Race/ethnicity
- English proficiency
- Education attainment
- Renters
- Household income

## Housing

- Housing cost-burden
- Median rent
- Development capacity

## Neighborhood attributes

- Proximity to businesses
  - Supermarkets
  - Pharmacies
  - Restaurants
- Proximity to schools
- Proximity to parks
- Proximity to high-income areas

## Transportation qualities

- Access to jobs
  - By auto
  - By transit
- Proximity to transit
  - Existing
  - Planned

## Civic engagement

- Voter turnout

# Displacement

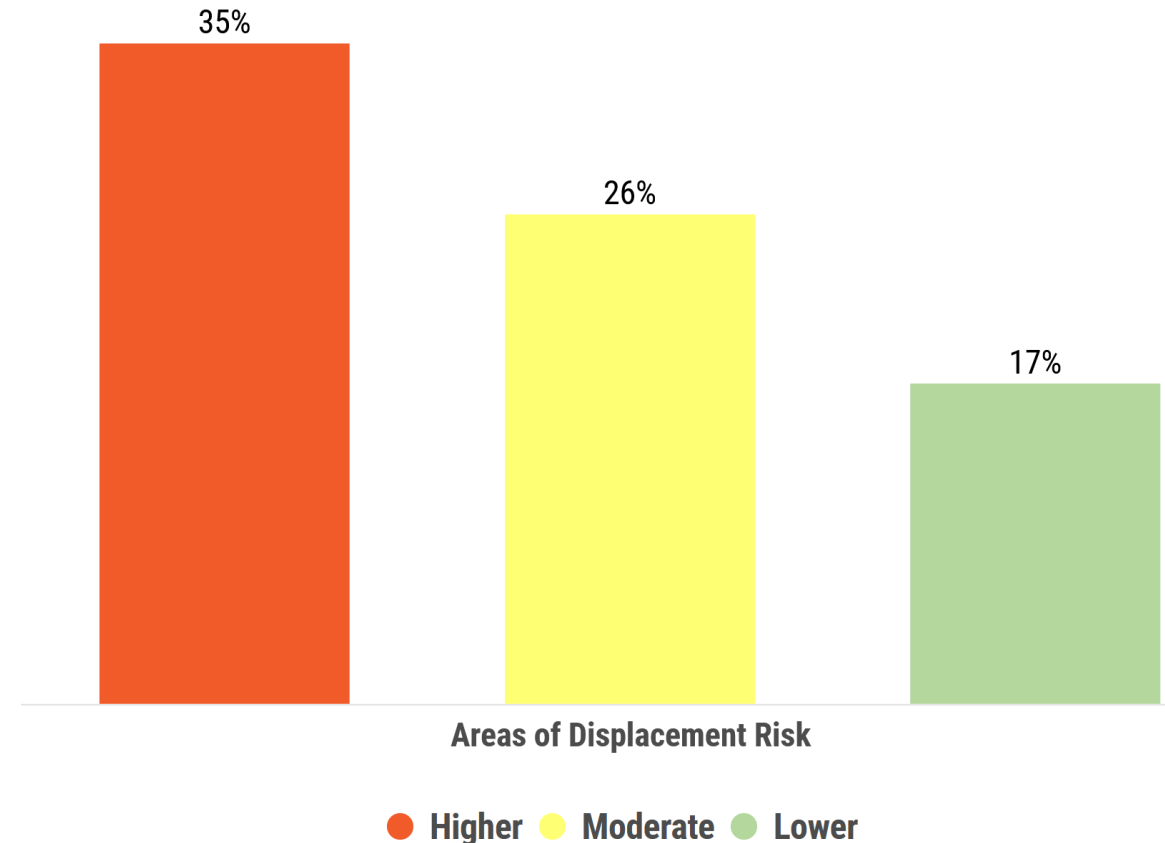


## 2019 Household Travel Survey

- New question: why people decided to move from previous homes?
- Displacement factors
  - Housing cost (top factor), forced to move, income change, community leaving
- Regional issue, consistent for all counties
- Overlaid prior home locations of movers on Displacement Risk Map

### Displacement Factors by Areas of Displacement Risk

Households that reported one or more displacement factors (% of recent movers)



# Next Steps



- Refresh all current analyses
- Leverage existing resources to elevate equity in RTP
- Seek continued improvements
- Learn from today's panelists and audience



# Questions?

Charles Patton, PhD  
Equity Manager  
[Cpatton@psrc.org](mailto:Cpatton@psrc.org)