



# 2018 RTP Update – Travel Forecast, System Performance and Public Outreach



RTC Board of Directors Meeting  
August 7, 2018

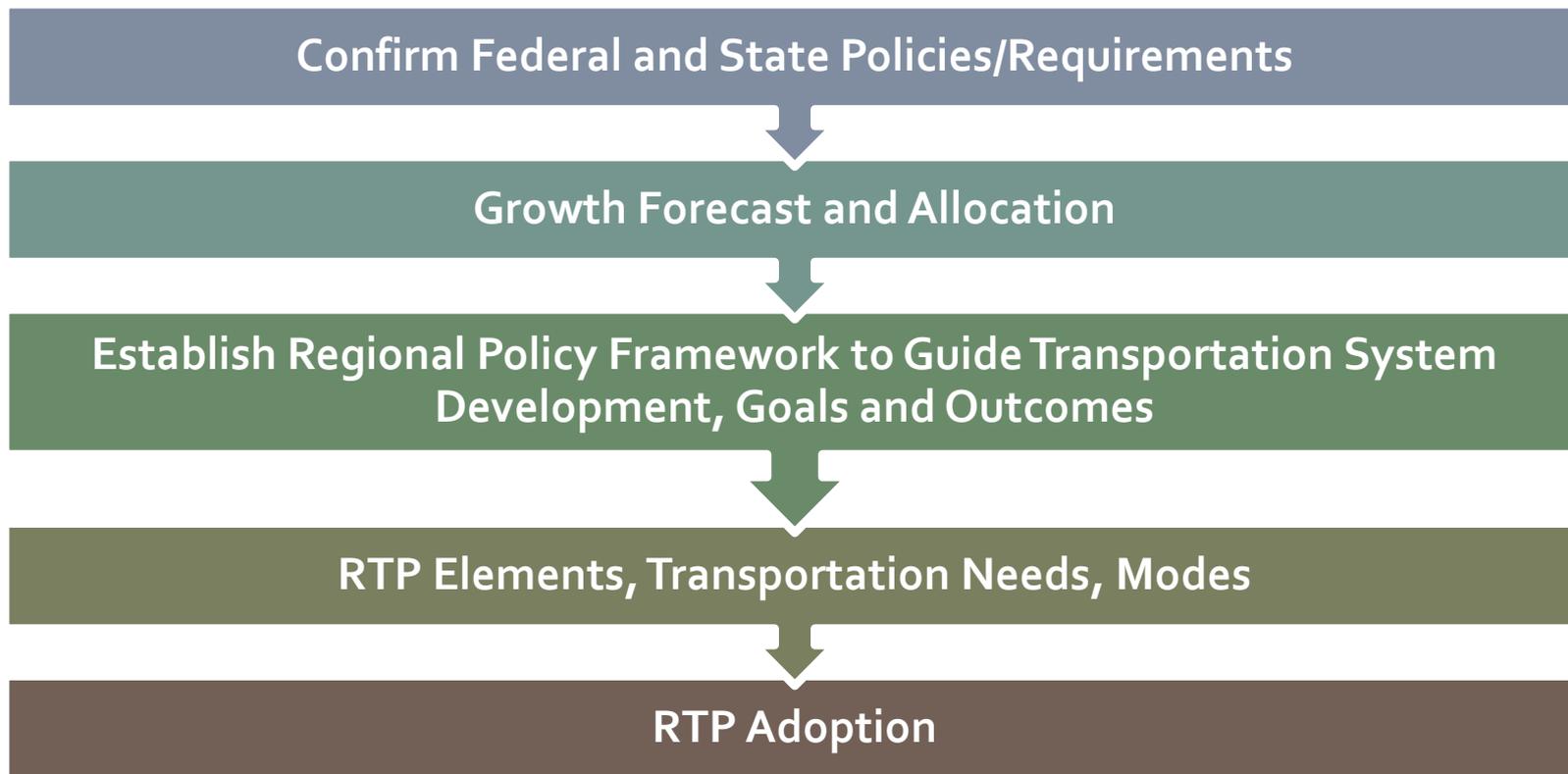
## *At a Glance:*

- Regional travel forecast model update
- Transportation system performance
- Public outreach

# RTP Update: Overview

- Long-range regional transportation plan: 20 years
- Federal and State requirement: update at least every 5 years to maintain the flow of transportation funds
- Required elements: multi-modal, auto, freight, bicycle, pedestrian, transit, demand management, system management, freight and goods movement
- Fiscal constraint: forecast revenues/forecast project cost estimates
- Consistency between federal, state and local plans

# 2018 RTP Update: Process Milestones



# RTP: Regional Transportation System

## The focus of the RTP:

- All state transportation facilities
- All local freeways, expressways and principal arterials
- All high capacity transit systems
- All other transportation facilities and services of regional significance  
e.g. air, marine, rail, transit, road
- Any transportation facility or service with significant regional need and/or impact

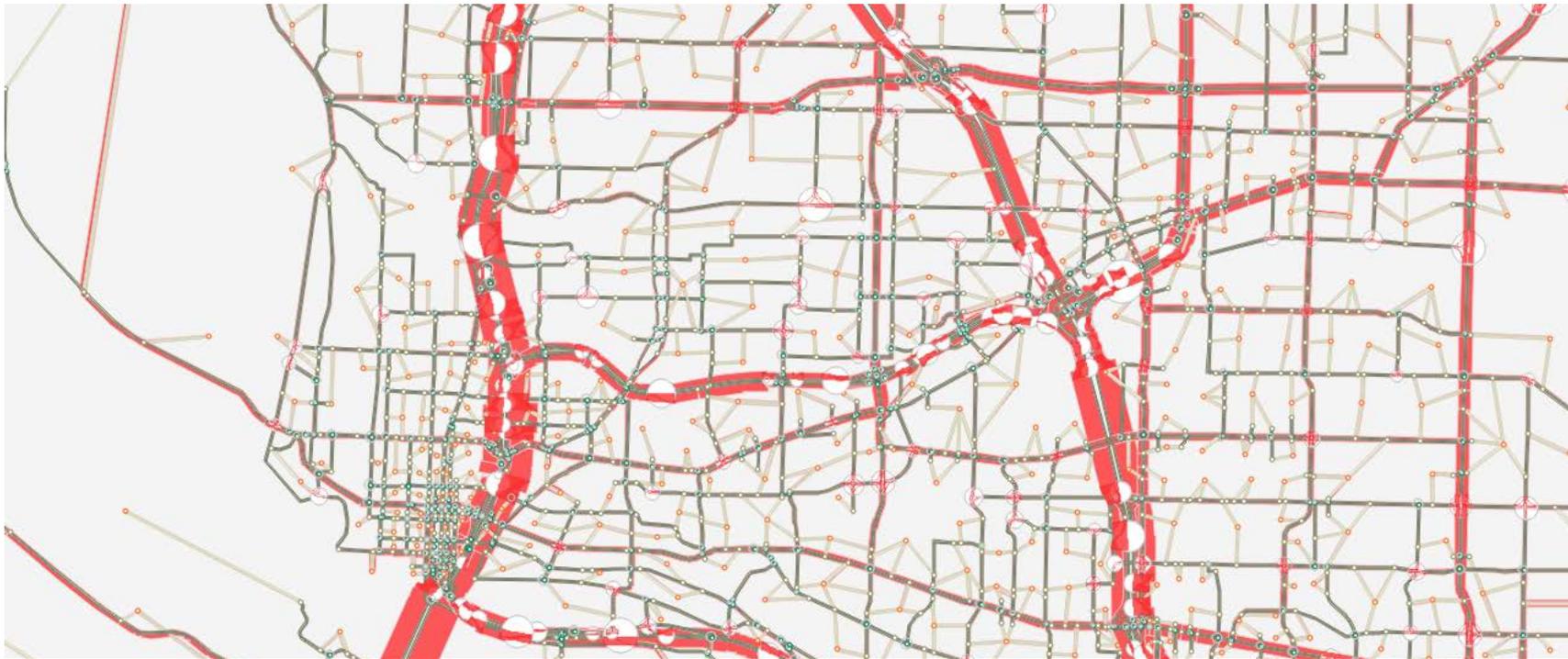
# RTP: Regional Transportation System

## RTP: Designated Regional Transportation System



# RTP: Topics at Recent RTC Board Meetings

- May 2018: preliminary RTP 2040 project list
- June 2018: preliminary review of the RTP's finance plan



# Regional Travel Forecast

# Regional Travel Model

## Four-Step Model

- ◆ Trip Generation
- ◆ Trip Distribution
- ◆ Mode Choice
- ◆ Assignment

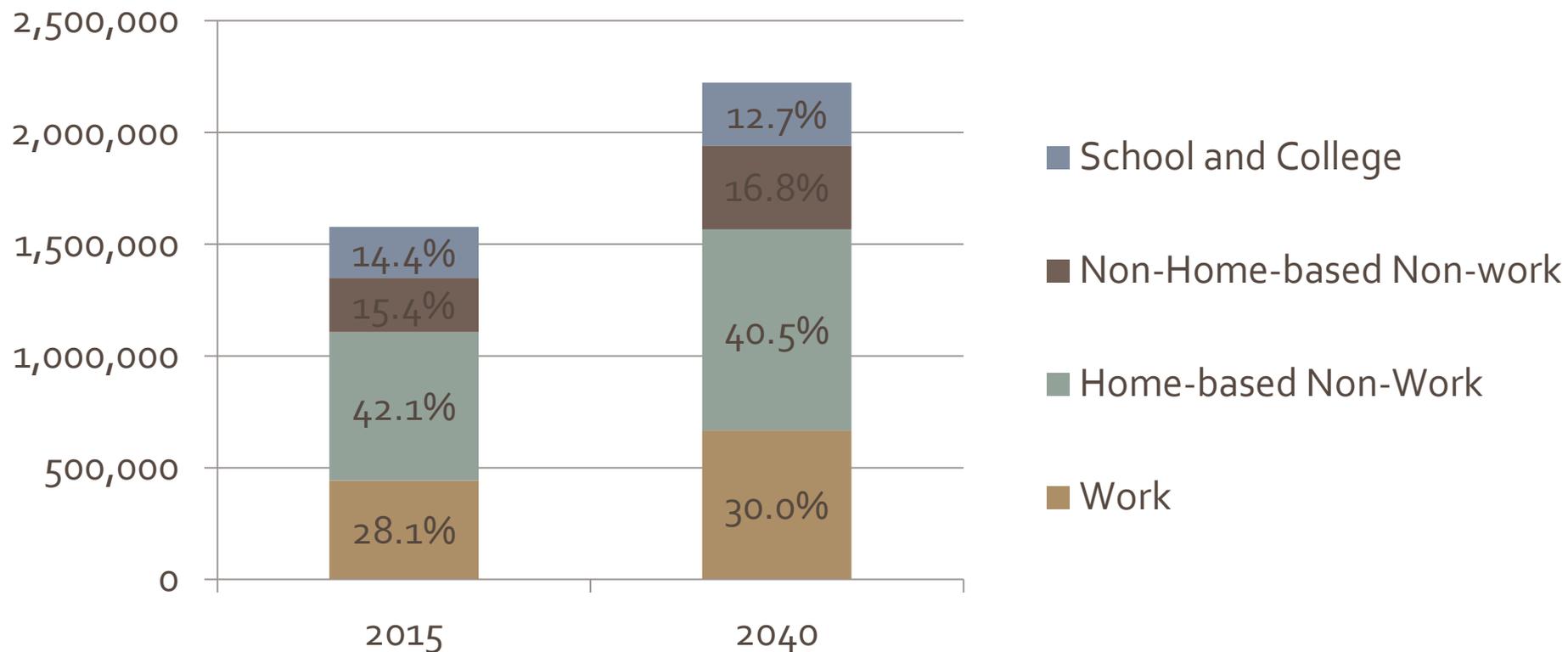
## Four Decisions

- ◆ Choice to Travel
- ◆ Choice of Destination
- ◆ Choice of Mode
- ◆ Choice of Route

# Model Years and Scenarios

	2015 Base Year	2040 "No Build"	2040 RTP	2015 – 2040 Growth
Population	451,820	600,361	600,361	32.9%
Employment	144,004	241,499	241,499	67.7%

# Person Trip Generation - 2015 and 2040



# Person Trip Distribution – 2015 and 2040

	2015	2040 No Build	2040 RTP
Remain in Clark Co.	87.5%	90.0%	89.8%
Cross the Columbia	12.5%	10.0%	10.2%

*All Person Trips Except School Trips*

# Person Work Trip Distribution – 2015 and 2040

	2015	2040 No Build	2040 RTP
Remain in Clark Co.	67.0%	75.4%	74.7%
Cross the Columbia	33.0%	24.6%	25.3%

*Person Trips for Work Only*

# Model Choice, All Non-school Trips – 2015 and 2040

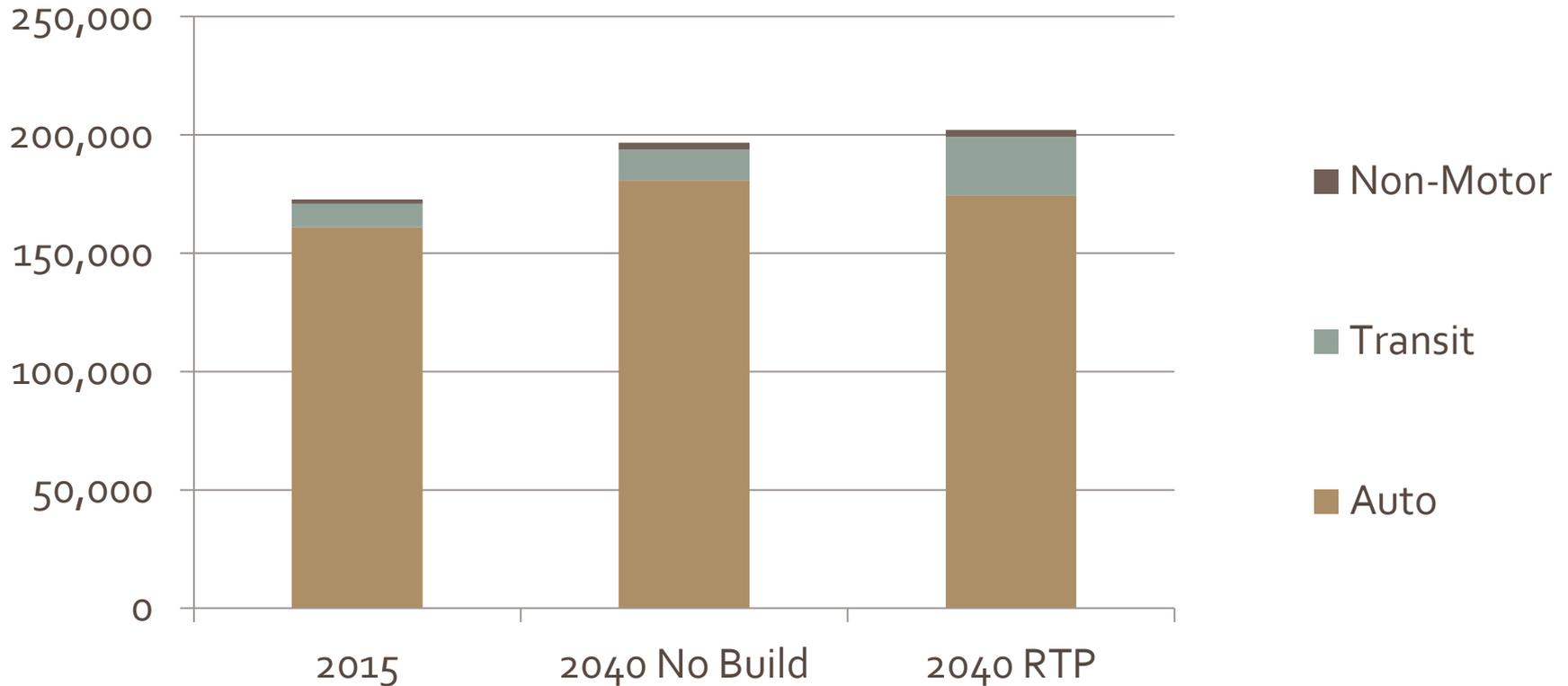
	2015	2040 No Build	2040 RTP
Auto	90.0%	90.5%	89.7%
Transit	1.6%	1.4%	2.2%
Non-Motorized	8.4%	8.0%	8.1%

*All Person Trips Except School Trips*

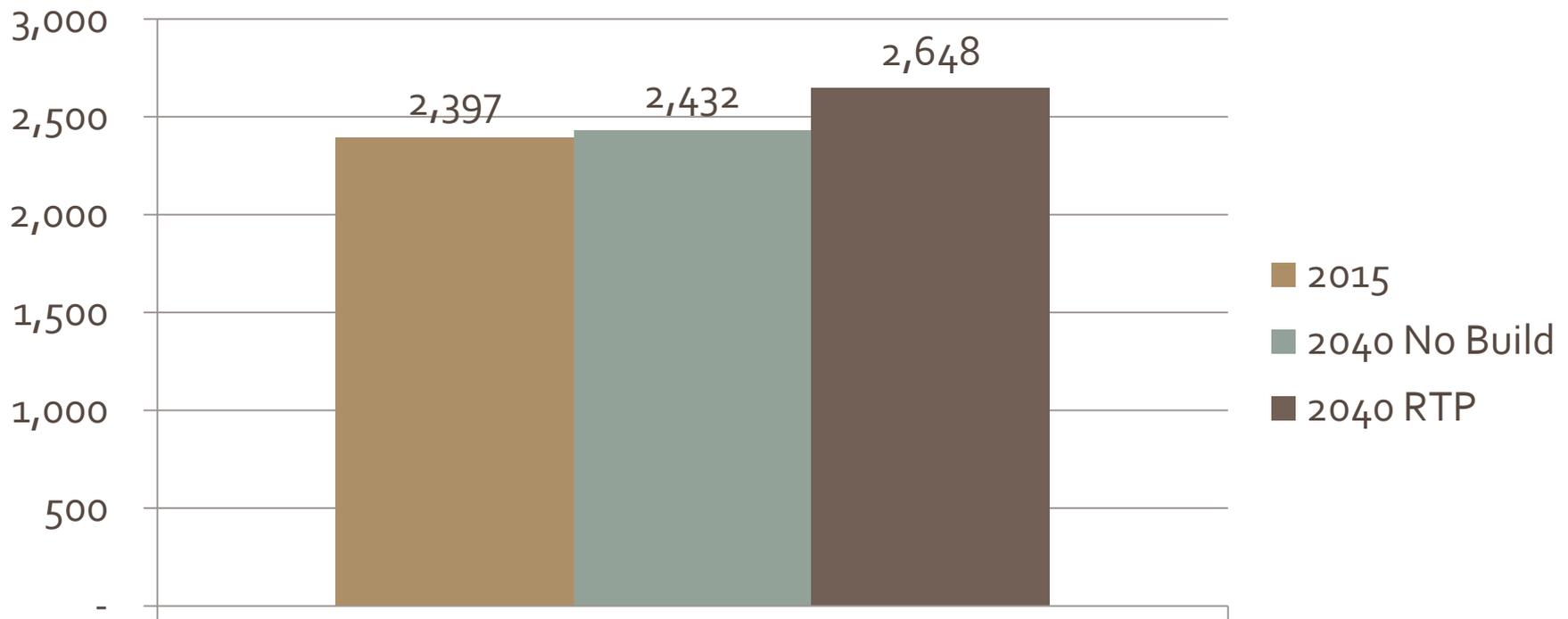
# Model Choice, All Trips to Oregon – 2015 and 2040

	2015	2040 No Build	2040 RTP
Auto	93.2%	91.9%	86.3%
Transit	5.7%	6.6%	12.3%
Non-Motorized	1.0%	1.5%	1.4%

# Model Choice, All Trips to Oregon – 2015 and 2040

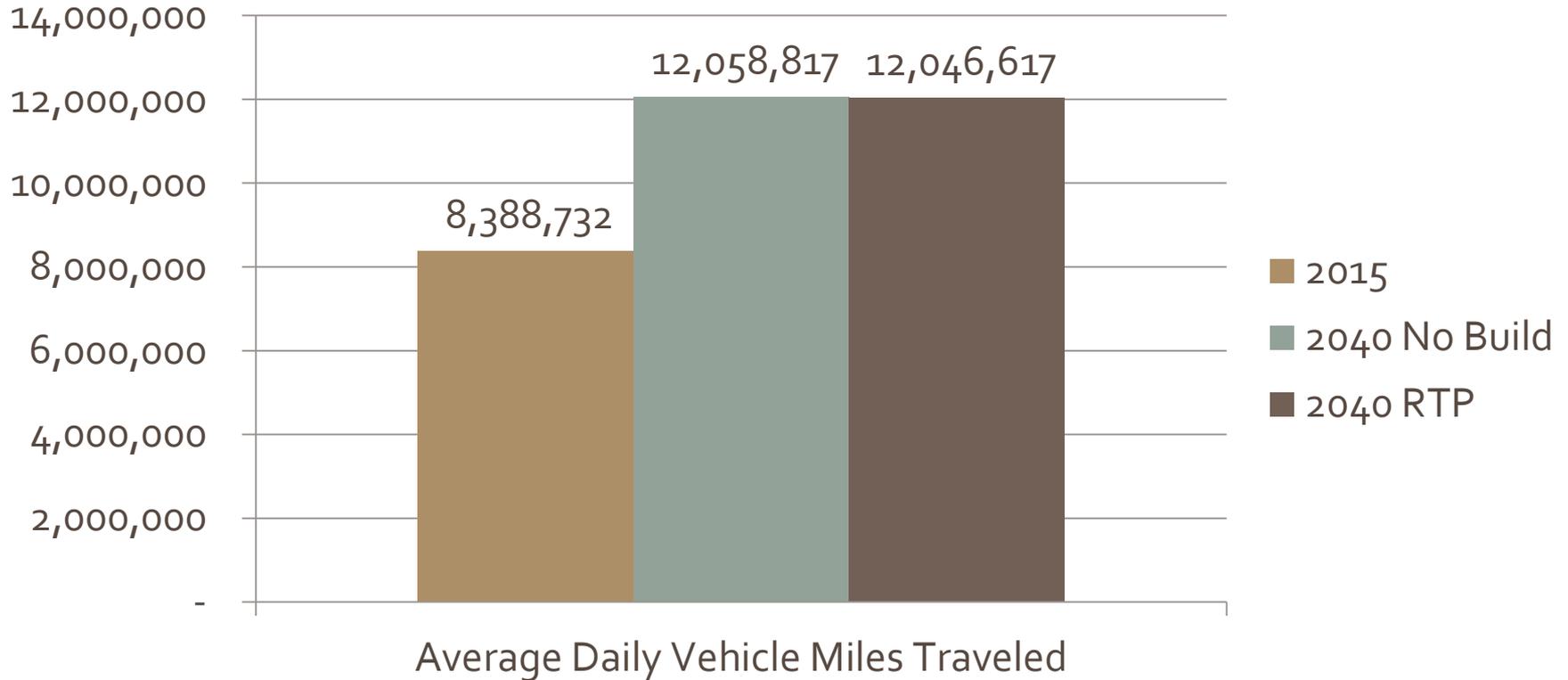


# Regional System Lane Miles

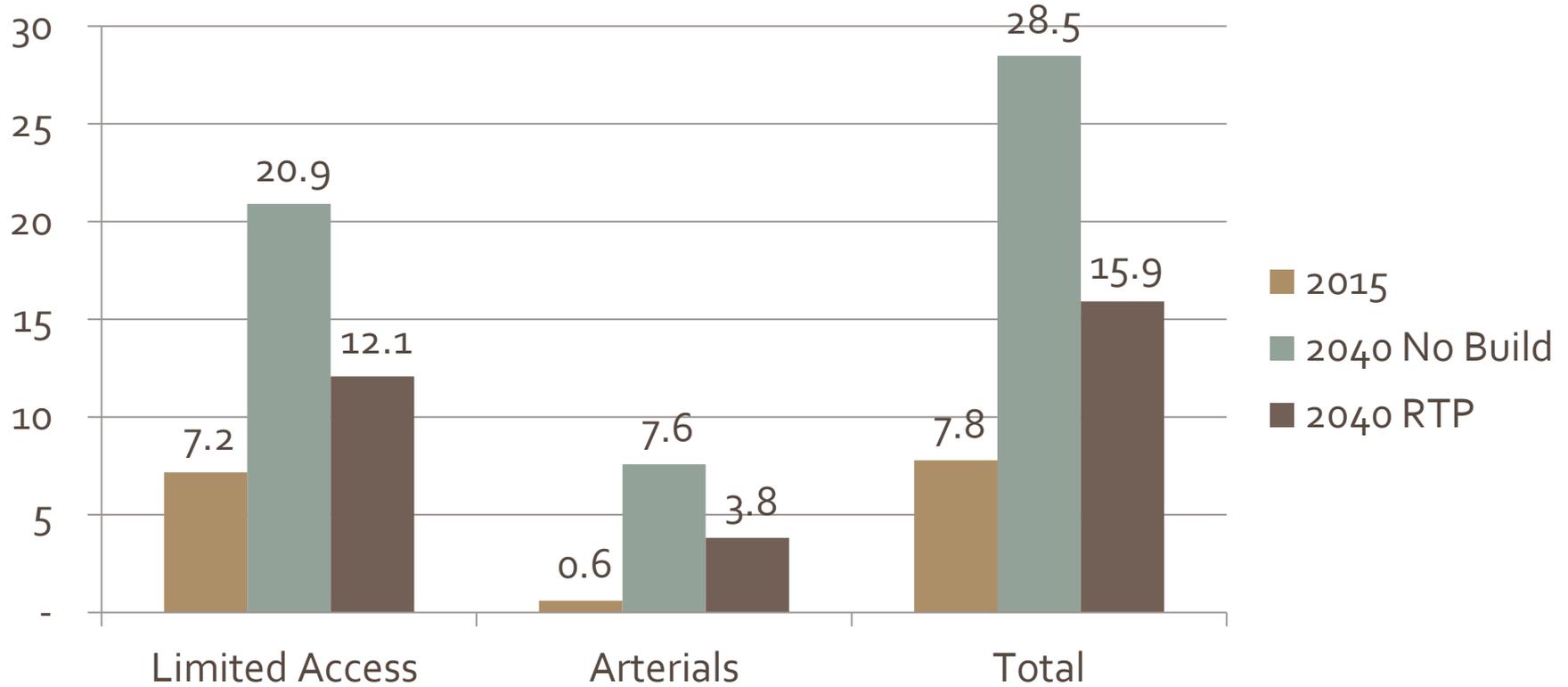


Regional System Lane Miles

# Regional System Vehicle Miles of Travel

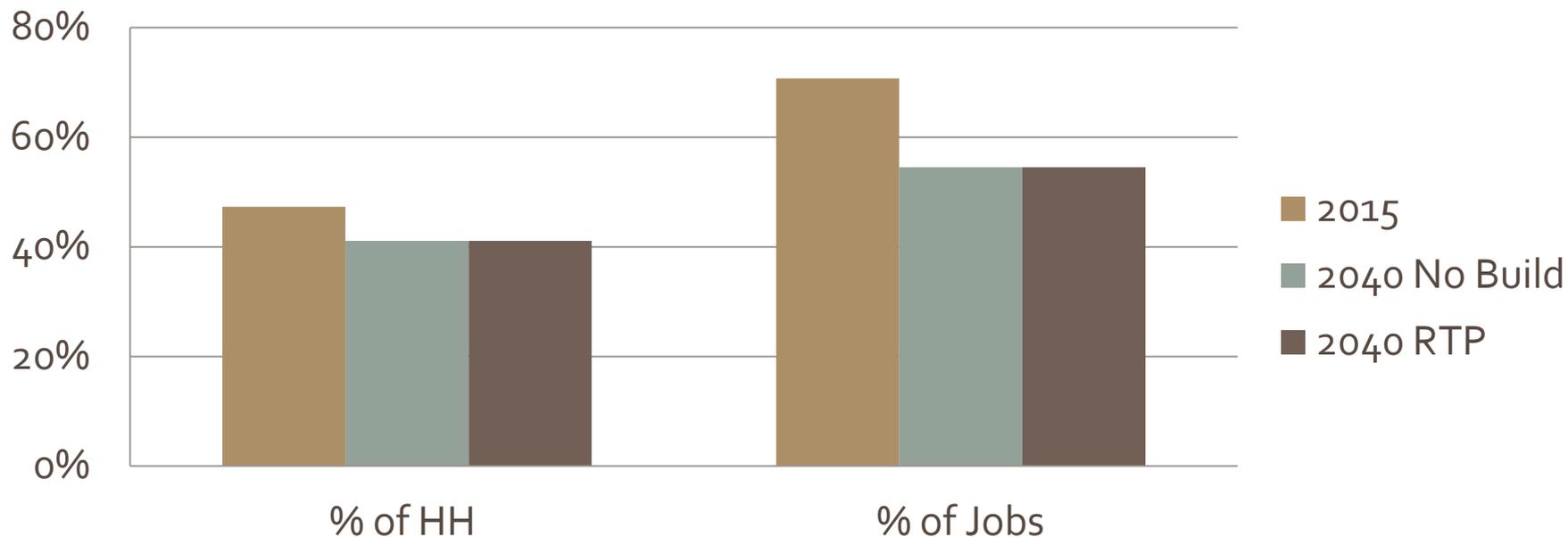


# PM Peak Hour Lane Miles of Congestion

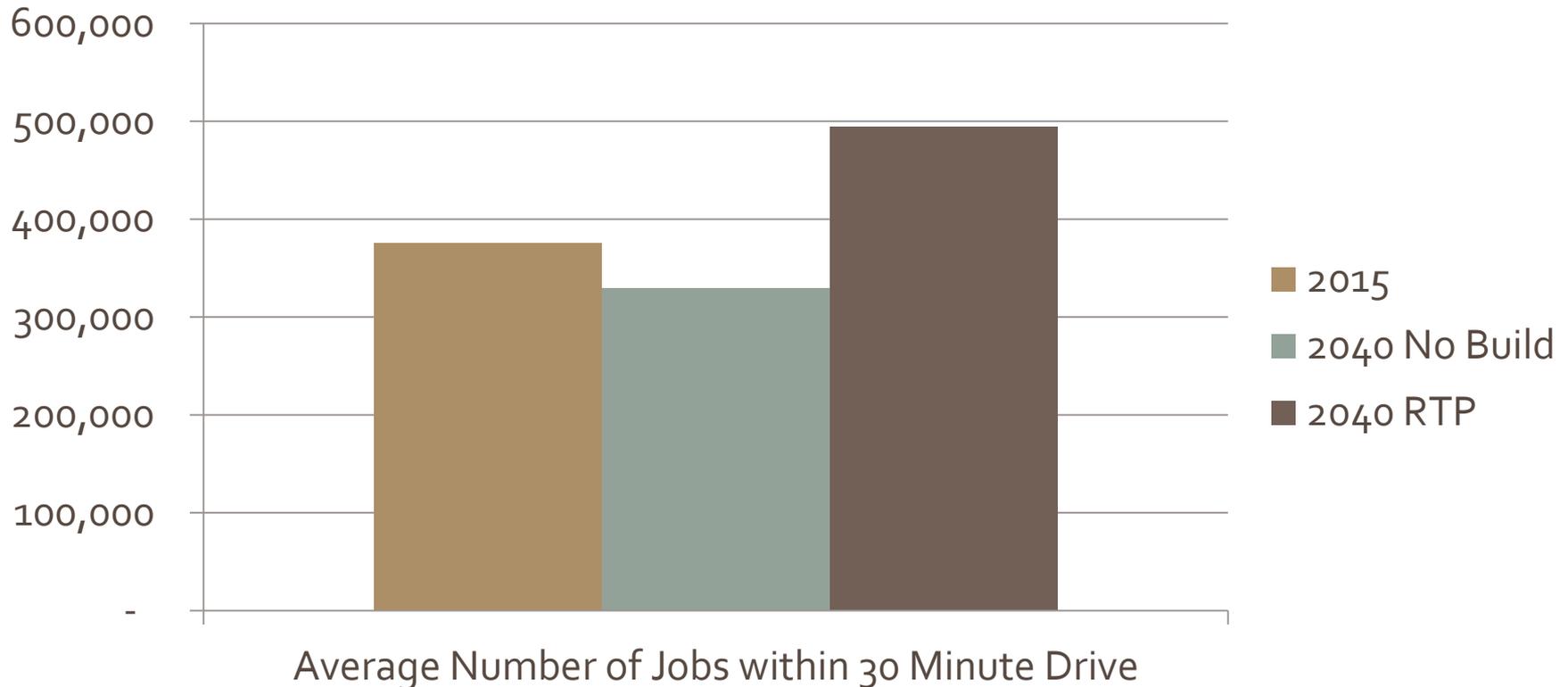


# Walk Access to Fixed Route Transit – 2015 and 2040

## Percent of Households and Jobs within a 0.5 miles walk to Transit



# Regional Job Access – 2015 and 2040





# Public Outreach

# RTP: Public Participation Process

Throughout 2017-2018:

- RTC website materials and electronic comment form available
- Presentations to community groups and committees
- WSU-V student research project

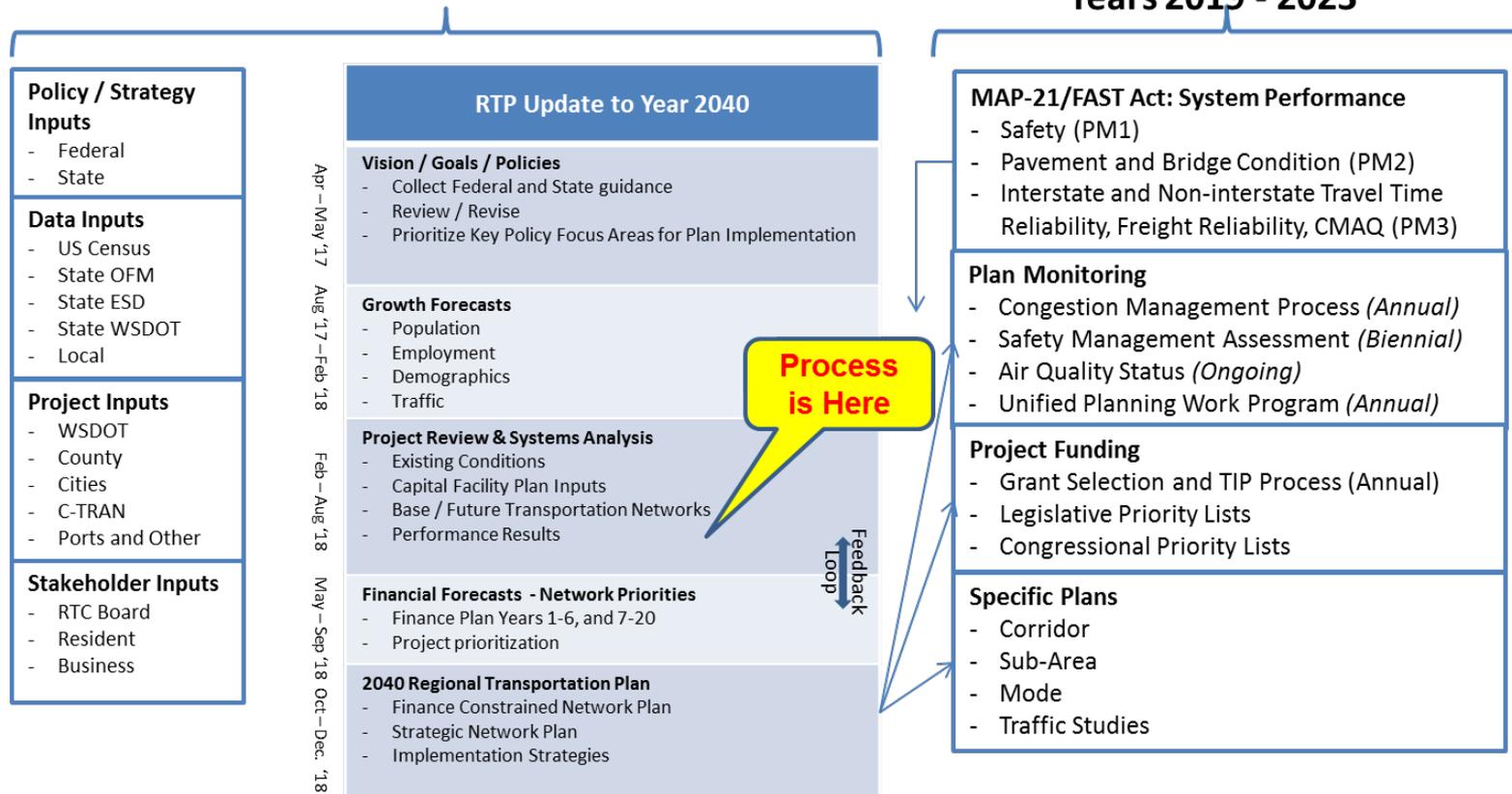
# RTP: Public Participation Process (continued)

- Monday, September 10, 4 p.m. to 7 p.m., at the Downtown Vancouver Library: Washington State Transportation Commission and RTC co-host public outreach event on transportation plans
- Information to communities and neighborhoods
- RTP information and public opinion survey using MetroQuest
- SEPA checklist process

# RTP Process: Development and Implementation

## RTP Update Developed in Years 2017-2018

## 2018 RTP Implementation: Years 2019 - 2023



# RTP: Next Steps

- Complete travel performance analysis
- Complete financial plan
- Continue public participation
- Adopt RTP update (planned Dec. 2018)