2023 Regional Transportation Plan update
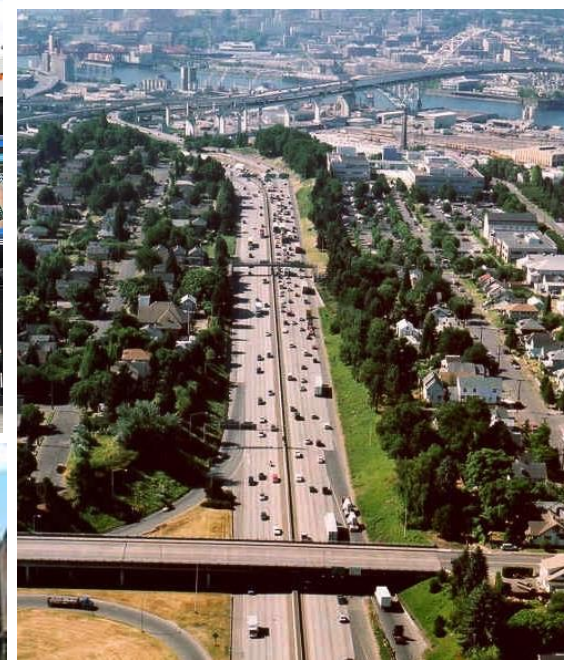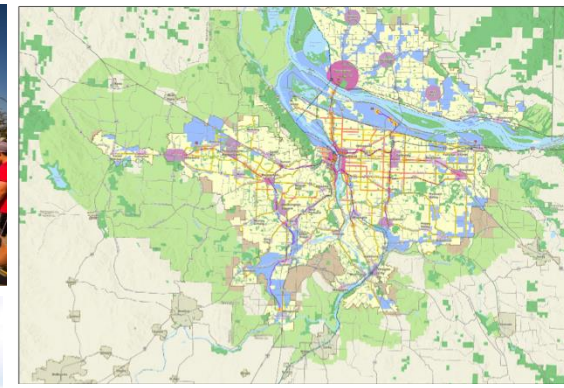
East Multnomah County Transportation Committee TAC

November 3, 2021

Kim Ellis, RTP Project Manager

Metro

What is the Regional Transportation Plan? (RTP)

20+ year transportation plan

- Required by federal law and according to federal regs

- Required under Oregon's statewide planning goals

- Links land use and transportation

- Guides local transportation plans under statewide goals

- Updated every 5 years

Metro

2018 Regional Transportation Plan

A blueprint for the future of transportation in the greater Portland region

Adopted December 6, 2018   oregonmetro.gov/rtp

Why is it important?

- Blueprint to guide investments in the region's transportation system

- Sets the stage for what communities will look like in the future

- Coordinates local, regional, and state investment priorities and actions

- Projects must be in the RTP to be eligible for federal and some state funding

Regional decision-making process
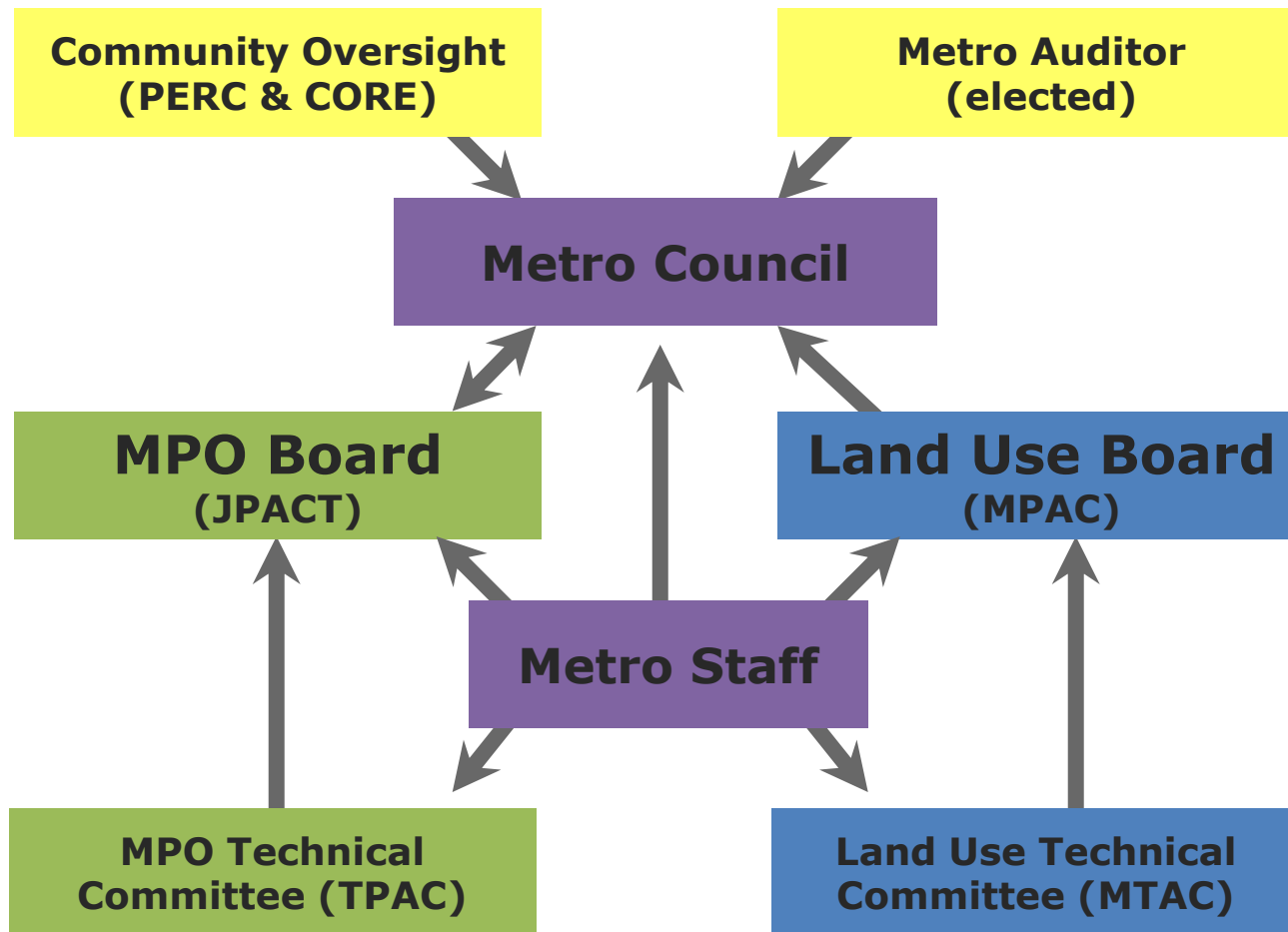
Metropolitan Planning Area
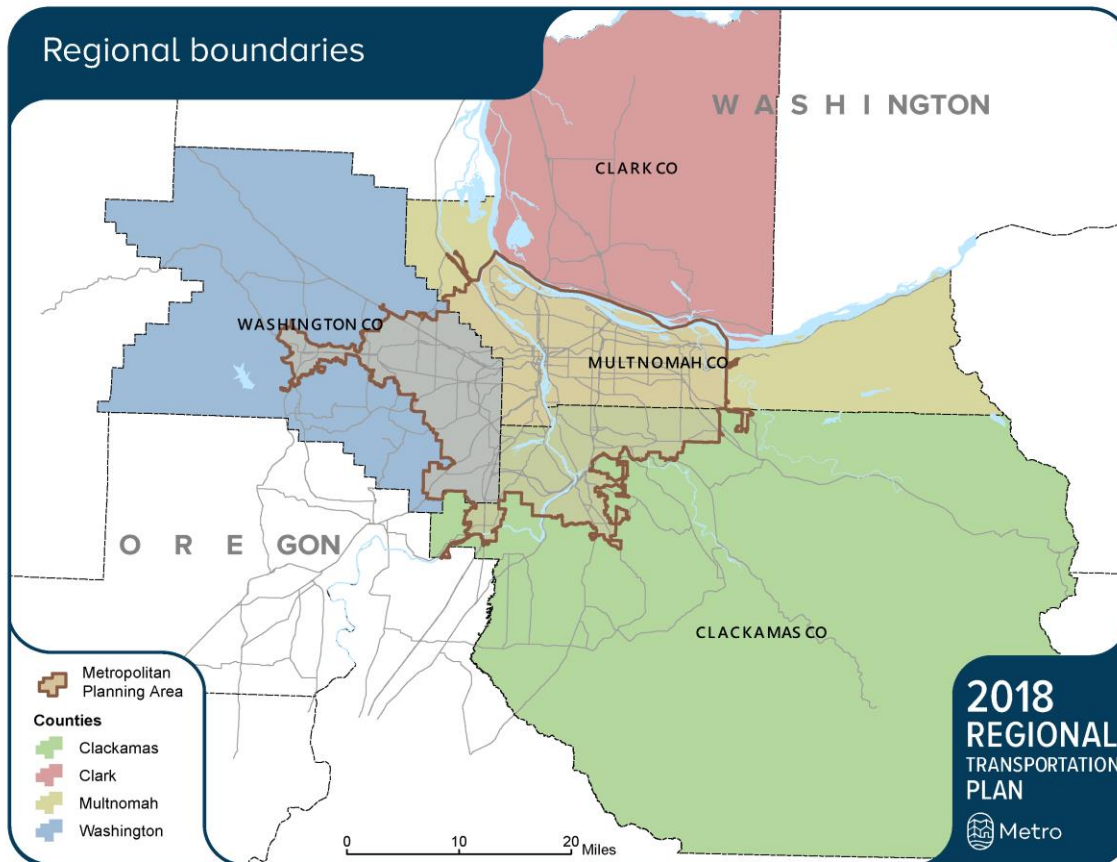
1.6 million people (today)

More than 2 million people (by 2045)

24 cities

3 counties

Bi-state region

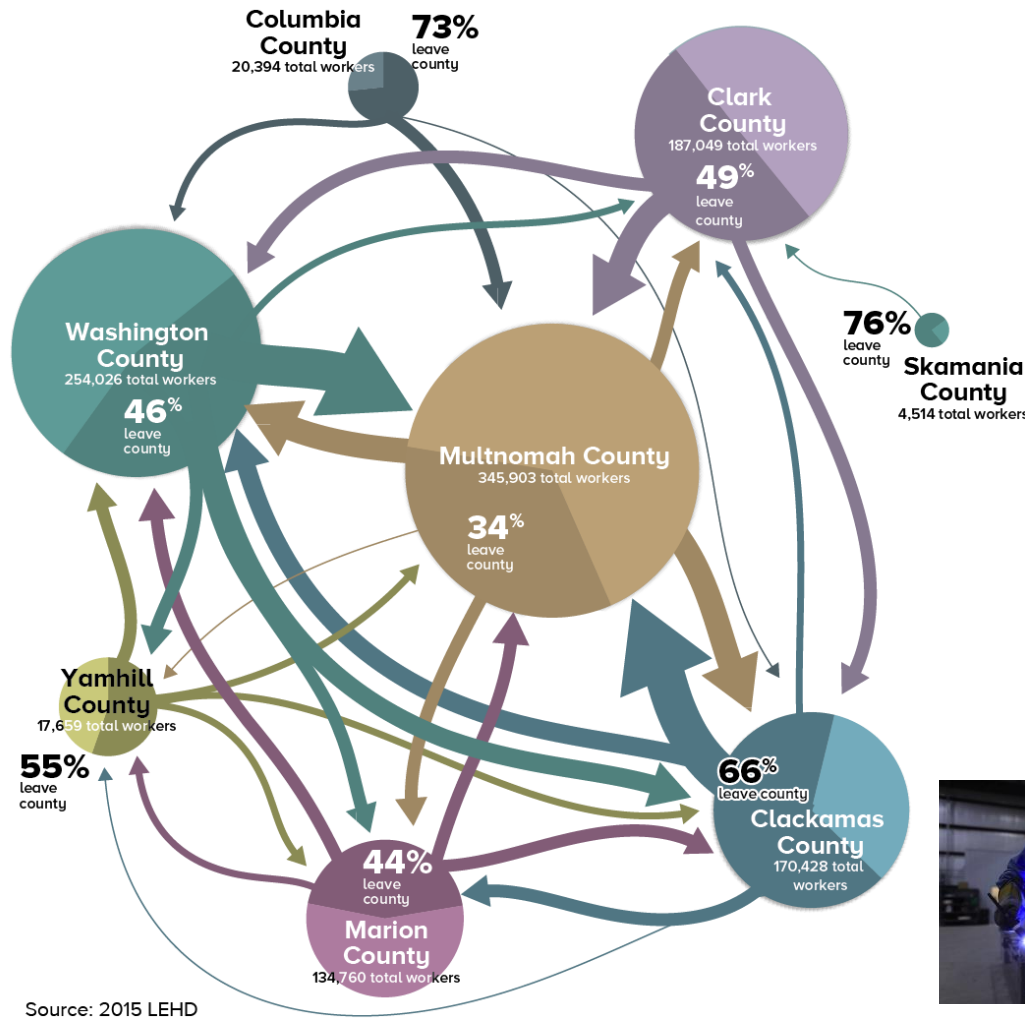Note: The MPA boundary will be updated to reflect the 2020 Census.

A shared regional system

Donald from Forest Grove

C.J. from Tualatin, with his daughter

Robert and Becky from SW Portland

Columbia County
20,394 total workers

73% leave county

Clark County
187,049 total workers
49% leave county

Washington County
254,026 total workers
46% leave county

76% leave county

Skamania County
4,514 total workers

Multnomah County
345,903 total workers
34% leave county

Yamhill County
17,659 total workers

55% leave county

66% leave county

Clackamas County
170,428 total workers

44% leave county

Marion County
134,760 total workers
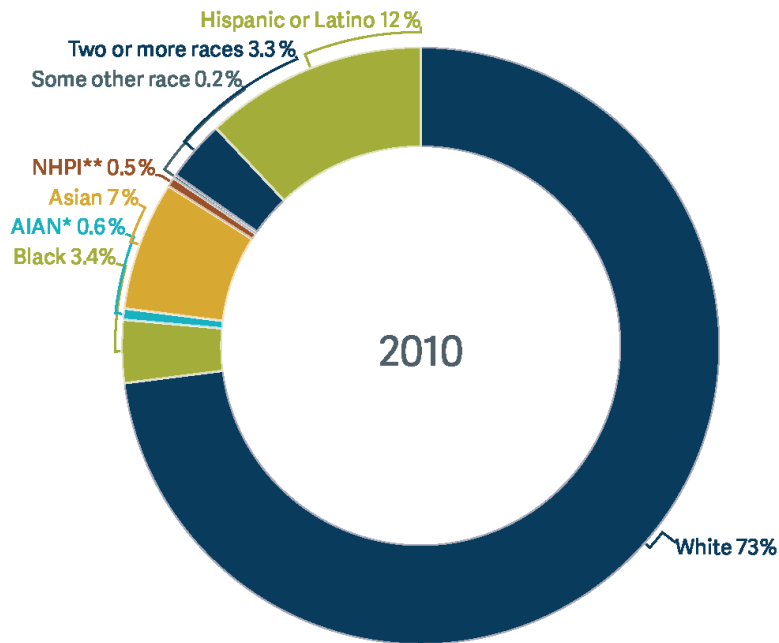
Source: 2015 LEHD

Michael from Gresham

Chris from SE Portland

Bob from Milwaukie

6

Our population – and communities - continue to grow and change

People living within the Portland Metropolitan Planning Area (MPA) boundary, 2010 and 2020

2010

Hispanic or Latino 12%
Two or more races 3.3%
Some other race 0.2%
NHPI** 0.5%
Asian 7%
AIAN* 0.6%
Black 3.4%
White 73%

*AIAN: American Indian or Alaskan Native
**NHPI: Native Hawaiian or Pacific Islander

2020

Hispanic or Latino 14%
Two or more races 6.5%
Some other race 0.6%
NHPI** 0.6%
Asian 8.8%
AIAN* 0.5%
Black 3.6%
White 65.4%
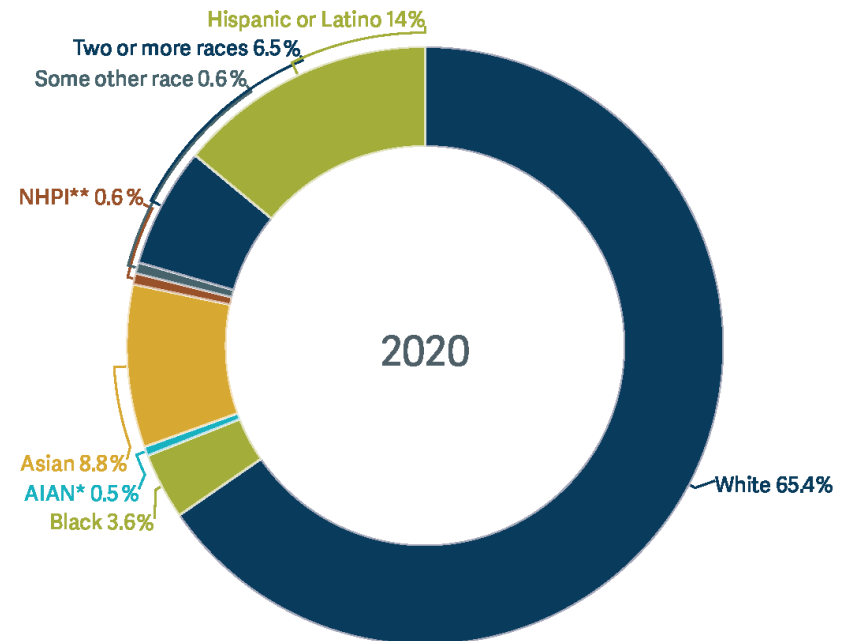
*AIAN: American Indian or Alaskan Native
**NHPI: Native Hawaiian or Pacific Islander

Source: U.S. Census

2040 Growth Concept is our foundation

Regional blueprint for growth (and Climate Smart Strategy) built upon community plans and visions

Adopted in 1995
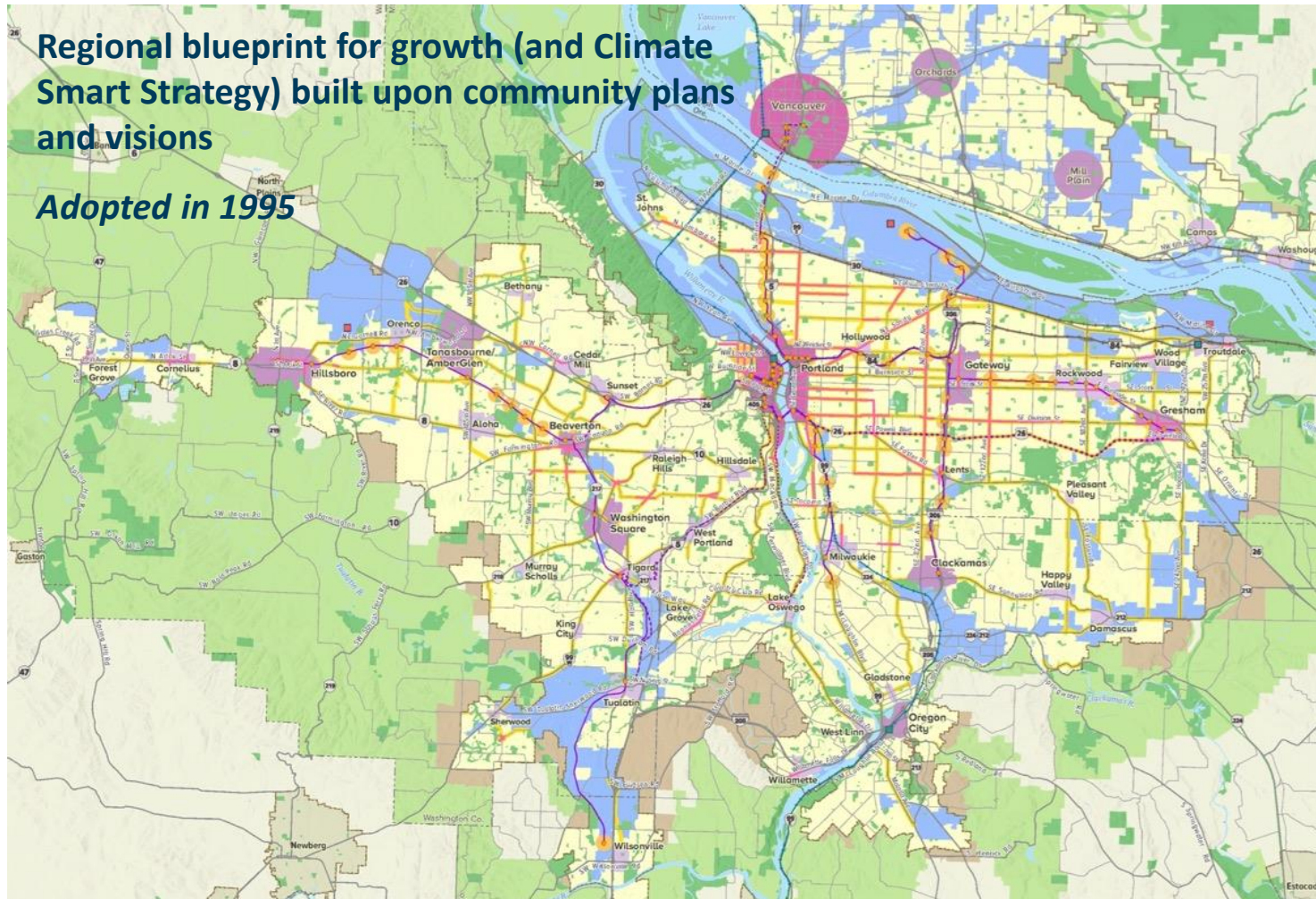
Regional Transportation Plan

Regional Transportation Plan vision:

"In 2040, everyone in the Portland metropolitan region will share in a prosperous, equitable economy and exceptional quality of life sustained by a safe, reliable, healthy and affordable transportation system with travel options."

Vision for a complete and connected system

2040-based outcomes provide broader policy lens

Defines a finish line

Emphasizes multimodal solutions and making the most of past investments

Defines aspirational policy targets to guide investments to achieve vision and monitor progress

Connecting people to the places they need to go
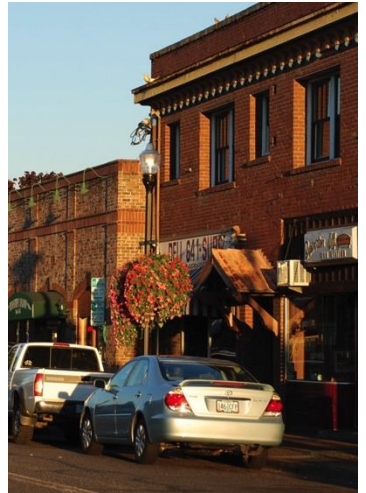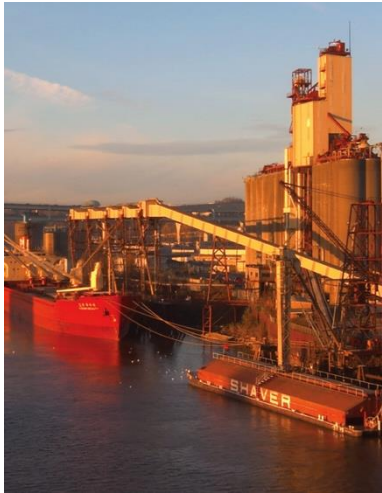
Expanding multimodal travel options in the region's major travel corridors

Major Arterial (all modes) — Minor Arterial (all modes) — Bike Parkway (walk/bike) — Rail Capacity (passenger and freight) — High Capacity Transit — Throughway Capacity (passenger and freight) — Minor Arterial (all modes) — Major Arterial (all modes)
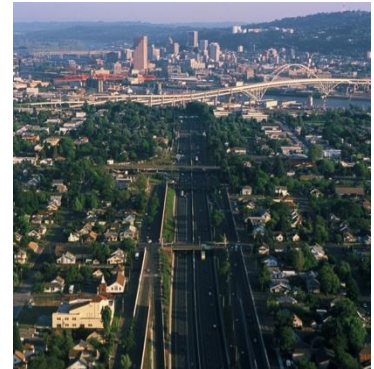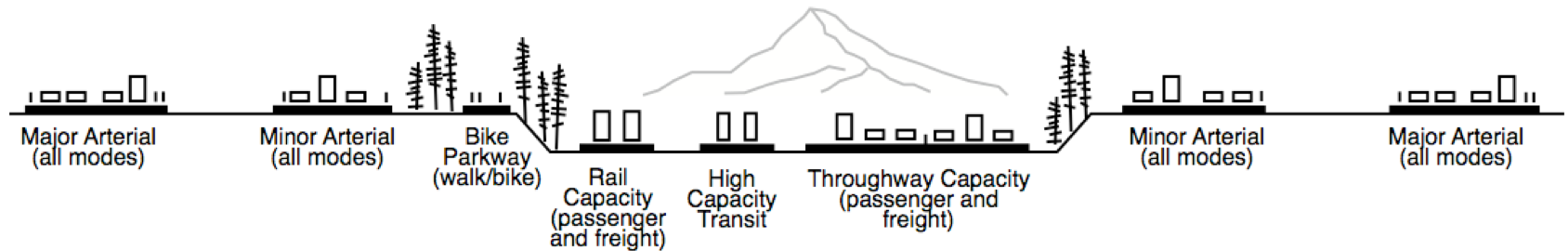
Outcome-based Regional Transportation Plan

2018 Regional Transportation Plan

A blueprint for the future of transportation in the greater Portland region

Adopted December 6, 2018   oregonmetro.gov/rtp

2018 RTP Priority Policy Outcomes

EQUITY

Reduce barriers and disparities faced by historically marginalized communities, particularly for communities of color and people with low income.

SAFETY

Reduce fatal and severe injury crashes to move the region as quickly as possible toward Vision Zero, particularly for communities of color and other historically marginalized communities.

CONGESTION

Manage travel demand and increase use of travel options to make travel more reliable on the region's busiest roadways and regional transit routes, particularly for communities of color and other historically marginalized communities.

CLIMATE

Reduce greenhouse gas emissions from cars and small trucks to reduce the impacts of climate change, particularly for communities of color and other historically marginalized communities.

Summarized from the 2018 Regional Transportation Plan (Chapters 3 and 6)

Source: 2018 RTP (Chapter 2)

Proposed process for 2023 RTP Update

SCOPING	PLAN UPDATE			PLAN ADOPTION

We Are Here

Consider approval of work plan and engagement plan

Initiate Call for Projects

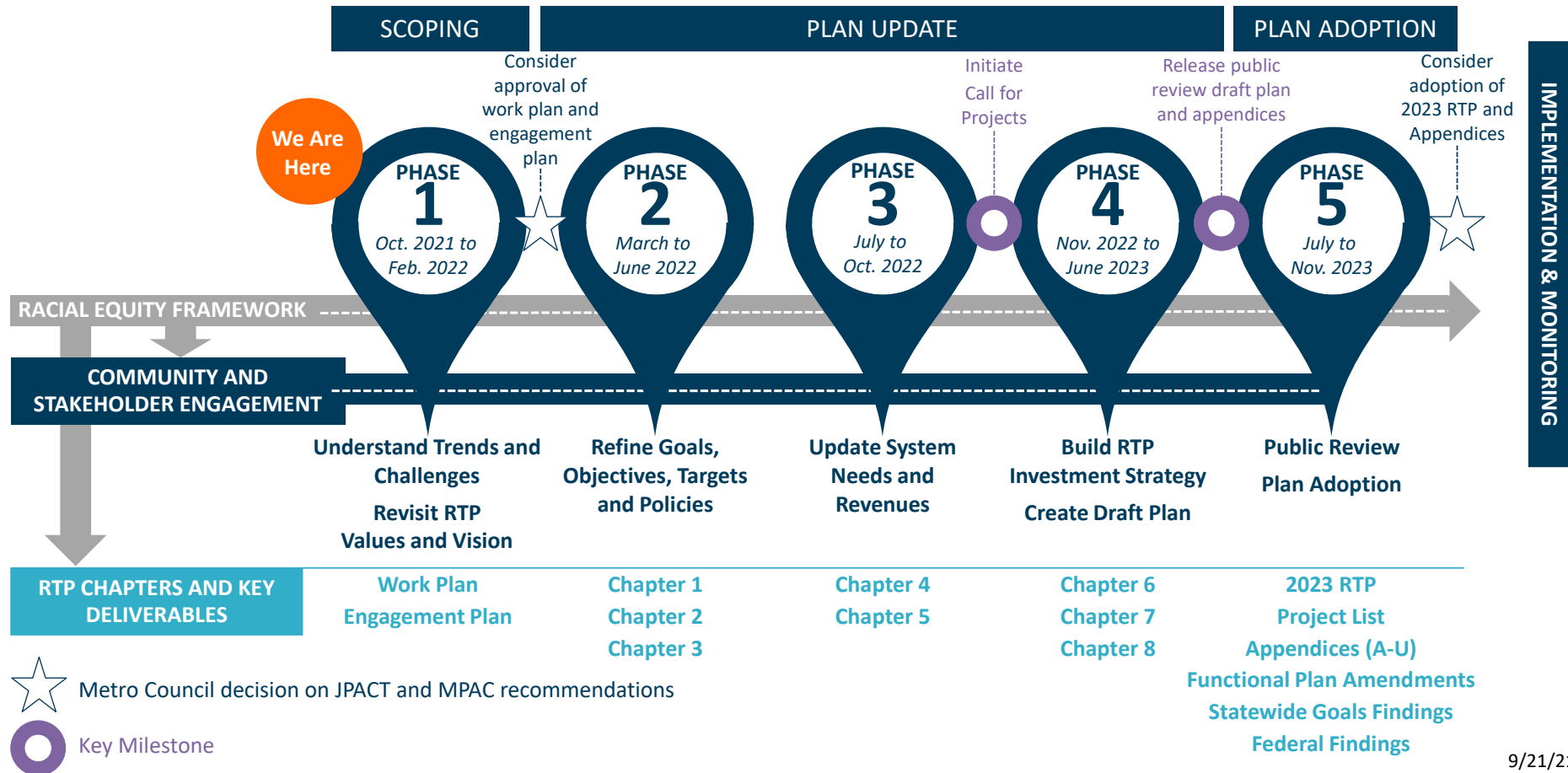Release public review draft plan and appendices

Consider adoption of 2023 RTP and Appendices

PHASE 1 — *Oct. 2021 to Feb. 2022*

PHASE 2 — *March to June 2022*

PHASE 3 — *July to Oct. 2022*

PHASE 4 — *Nov. 2022 to June 2023*

PHASE 5 — *July to Nov. 2023*

IMPLEMENTATION & MONITORING

RACIAL EQUITY FRAMEWORK

COMMUNITY AND STAKEHOLDER ENGAGEMENT

	Understand Trends and Challenges	Refine Goals, Objectives, Targets and Policies	Update System Needs and Revenues	Build RTP Investment Strategy	Public Review
	Revisit RTP Values and Vision			Create Draft Plan	Plan Adoption

RTP CHAPTERS AND KEY DELIVERABLES	Work Plan	Chapter 1	Chapter 4	Chapter 6	2023 RTP
	Engagement Plan	Chapter 2	Chapter 5	Chapter 7	Project List
		Chapter 3		Chapter 8	Appendices (A-U)
					Functional Plan Amendments
					Statewide Goals Findings
					Federal Findings

⭐ Metro Council decision on JPACT and MPAC recommendations

⬤ Key Milestone

9/21/21

14

Proposed engagement approach

- Leads with racial equity
- Inclusive
- Transparent
- Accessible
- Outcomes-focused
- Centered on people's lives and experiences

Partners
- Community members
- Local and regional governments
- State and Federal governments
- Business leaders and organizations
- Community leaders and organizations

Understand trends, values, priorities and vision for future
October 2021 to Feb. 2022

What: Illustrate trends and challenges; seek input on values, priorities and vision for the future

Who: Community members, community leaders, business leaders, jurisdictional partners, Tribes, resource agencies

How: Existing committees, stakeholder interviews, focus groups, on-line survey, Metro Council discussions, special JPACT workshop, Community Leaders Forum, climate best practices panel, Consultation meetings

Decision: Council and JPACT consider approval of the work plan and engagement plan (by Resolution)

Update Goals, Objectives, Targets and Policies
March to June 2022

What: Use values and priorities to refine goals, objectives and targets; update selected policies related to congestion pricing, mobility, urban arterials, resilience, green infrastructure and other topic areas identified in Phase 1; develop criteria for project list updates

Who: TPAC, MTAC, JPACT, MPAC and the Metro Council

How: Metro technical and policy advisory committees, Metro Council discussions, other TBD engagement activities

Milestone: Draft updated Chapter 2 and Chapter 3 to guide plan update

Update Needs and Revenues
July to October 2022

PHASE 3 July to Oct. 2022

What: Document regional transportation needs and disparities; update forecast of revenues anticipated to pay for needed investments; set funding level for the RTP investment strategy

Who: Community members and community leaders (needs) and jurisdictional partners (revenues)

How: TPAC, JPACT and Metro Council discussions and other TBD engagement activities

Milestone: Metro Council and JPACT initiate Call for Projects

Build RTP Investment Strategy
November 2022 to June 2023

PHASE 4 — Nov. 2022 to June 2023

What: Update RTP project list, seek public feedback on draft list, evaluate performance and consider potential project list revisions

Who: Community members, community leaders, business leaders and jurisdictional partners

How: Metro technical and policy advisory committees, county coordinating committees', Metro Council discussions, and other TBD engagement activities

Milestone: Metro staff release draft 2023 RTP, appendices and financially constrained project list for public review

Public Review and Adoption
July to November 2023

What: Seek feedback on updated draft plan, appendices and projects

Who: Community members, community leaders, business leaders, jurisdictional partners, Tribes, resource agencies

How: Metro technical and policy advisory committees, county coordinating committees', Metro Council discussions, Community Leaders Forum, online open house, Consultation meetings, public comment period and hearings

Decision: Council and JPACT consider approval of the 2023 RTP and appendices (by Ordinance)

Next steps for shaping the work plan and engagement strategy

- **October to December 2021** Metro Council and regional advisory committees discuss values, priorities and desired outcomes for update

- **November 2021 to January 2022** Outreach to further shape work plan and engagement strategy

- **January to February 2022** Metro Council and regional advisory committees discuss draft work plan and engagement strategy

- **March 2022** JPACT and Metro Council consider approval of work plan and engagement strategy (by Resolution)

What We've Heard From Council

- **Focus on people and values**
- **Advance** Metro's commitment to **racial justice, climate leadership and resilient communities**
- **Improve understanding** of regional transportation **needs and disparities and transportation funding**
- Use **storytelling and inclusive engagement** strategies **combined with quantitative data**
- **Update process for updating and prioritizing the project list**

Lead with racial equity.

Prioritize equity, climate, safety and mobility outcomes while advancing other goals and outcomes.

Better address safety and equity issues on region's urban arterials.

Accelerate implementation of the Climate Smart Strategy.

Bring to life the experiences and needs of people living and working in the region.

Identify underserved communities and barriers to meeting daily needs.

Better manage and operate the existing transportation system.

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Discussion and feedback

1. Do you have feedback on the proposed process?

2. What policy outcomes are most important for this update to address?

3. Do you have suggestions on outreach and engagement for update?

Learn more about the Regional Transportation Plan at:

Kim Ellis, AICP
RTP Project Manager
kim.ellis@oregonmetro.gov

oregonmetro.gov/rtp

Metro

2018 RTP Goals

WHAT WE WANT TO ACHIEVE
Vibrant communities
Shared prosperity
Transportation choices
Reliability and efficiency
Safety and security
Healthy environment
Healthy people
Climate leadership

HOW WE GET THERE
Equitable transportation
Fiscal stewardship
Transparency and accountability

Source: 2018 RTP (Chapter 2)
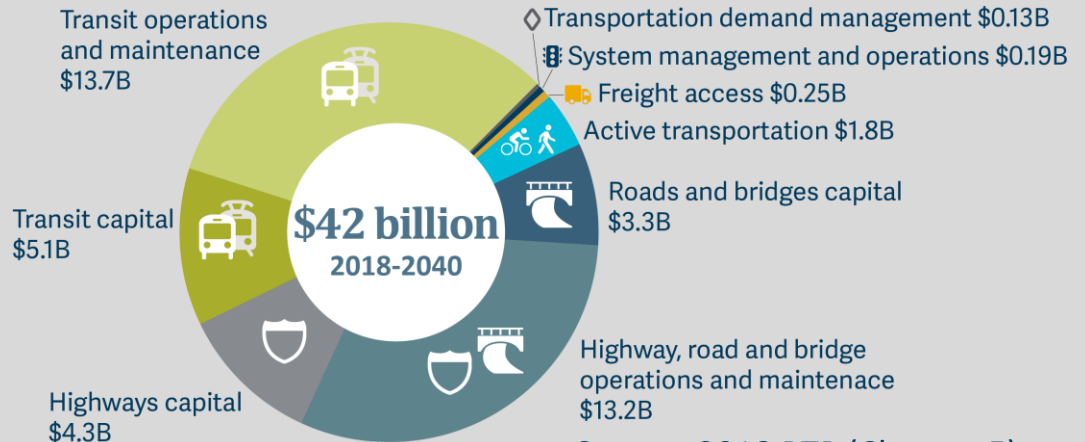
2018 RTP project priorities

Cost by investment category
in rounded billions, 2016 dollars

Total capital
$15.2 billion

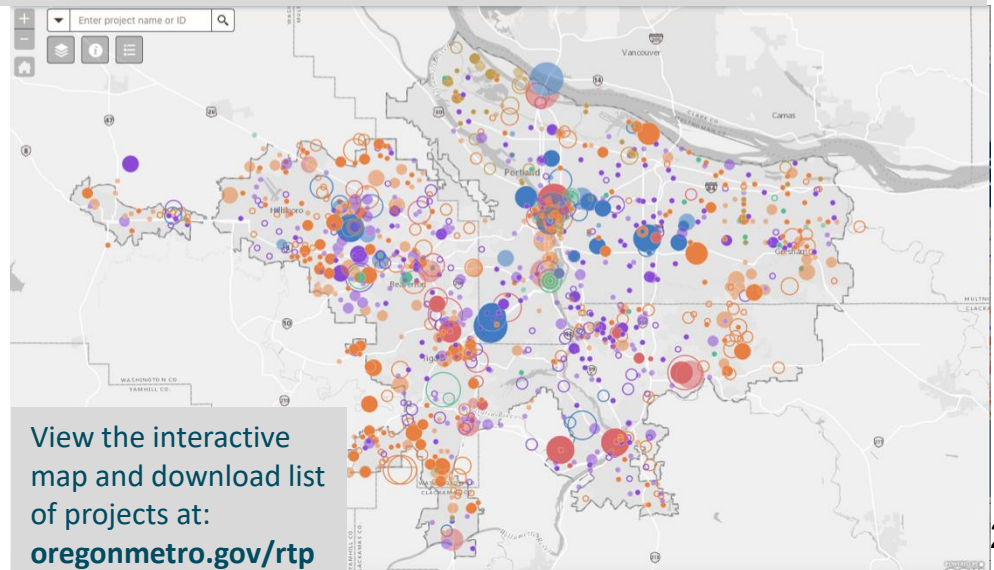**Total maintenance and operations**
$36 billion

Transit operations and maintenance $13.7B

Transit capital $5.1B

Highways capital $4.3B

$42 billion
2018-2040

Transportation demand management $0.13B
System management and operations $0.19B
Freight access $0.25B
Active transportation $1.8B
Roads and bridges capital $3.3B
Highway, road and bridge operations and maintenace $13.2B

Source: 2018 RTP (Chapter 5)

Capital projects by investment category

327 · 341 · 33 · 14 · 40 · 37 · 24
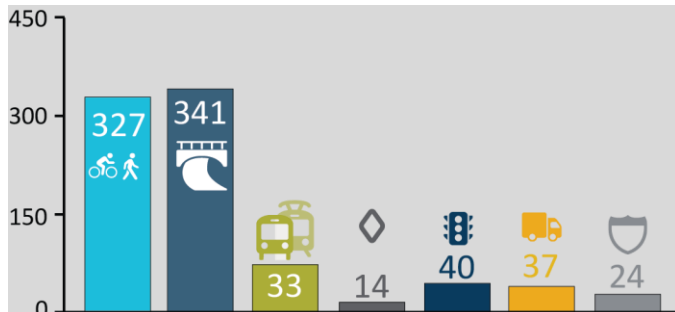
Source: 2018 RTP Constrained Project List

View the interactive map and download list of projects at:
oregonmetro.gov/rtp

2018 RTP evaluation framework

Investments evaluated for alignment with RTP priority policy outcomes and goals:

- *System-level evaluation (all projects)*

- *Transportation equity analysis (all projects)*

- *Project-level evaluation (piloted and deferred to next plan update)*
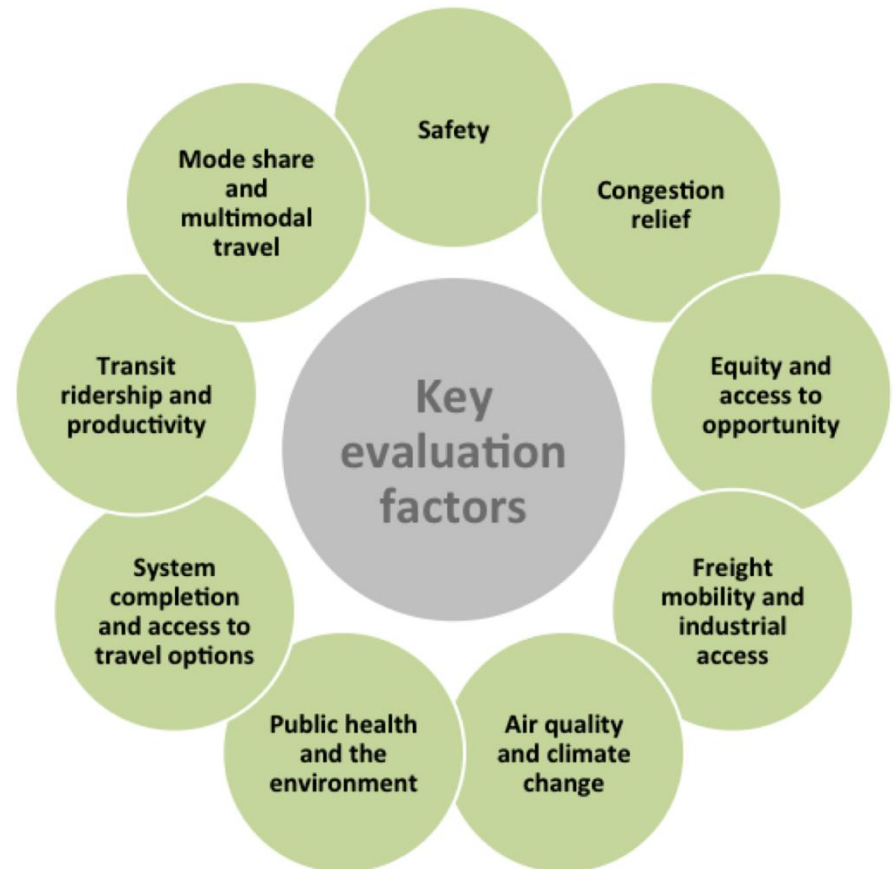
Source: 2018 RTP (Chapter 7)

2018 RTP Policy Targets

1 **AFFORDABILITY** Reduce the combined housing and transportation expenditure for lower-income households by 25%, compared to 2015

2 **SAFETY** Eliminate transportation fatalities and serious injuries for all users by 2035, with a 50% reduction by 2025 and a 16% reduction by 2020, compared to 2015

3 **MULTIMODAL TRAVEL** Reduce vehicle miles traveled per person by 10%, compared to 2015

Source: 2018 RTP (Chapter 2 and Chapter 7)

2018 RTP Policy Targets

4 — **MODE SHARE** Triple walking, biking and transit mode shares, compared to 2015
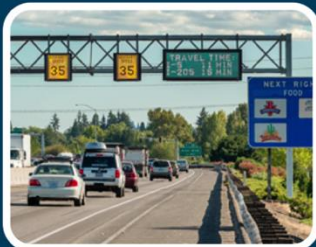
5 — **SYSTEM COMPLETION** Complete 100% of the regional network of sidewalks, bikeways and trails

6 — **CONGESTION** Meet the Interim Regional Mobility Policy for throughways, arterials and the regional freight network

Source: 2018 RTP (Chapter 2 and Chapter 7)

2018 RTP Policy Targets

7 **FREIGHT DELAY** Reduce vehicle hours of delay per truck trip by 10%, compared to 2040 No Build

8 **CLIMATE CHANGE** Reduce per capita greenhouse gas emissions from cars and small trucks by 20% by 2035 and 25% by 2040, compared to 2005

9 **CLEAN AIR** Maintain or reduce air pollution from mobile sources, compared to 2015

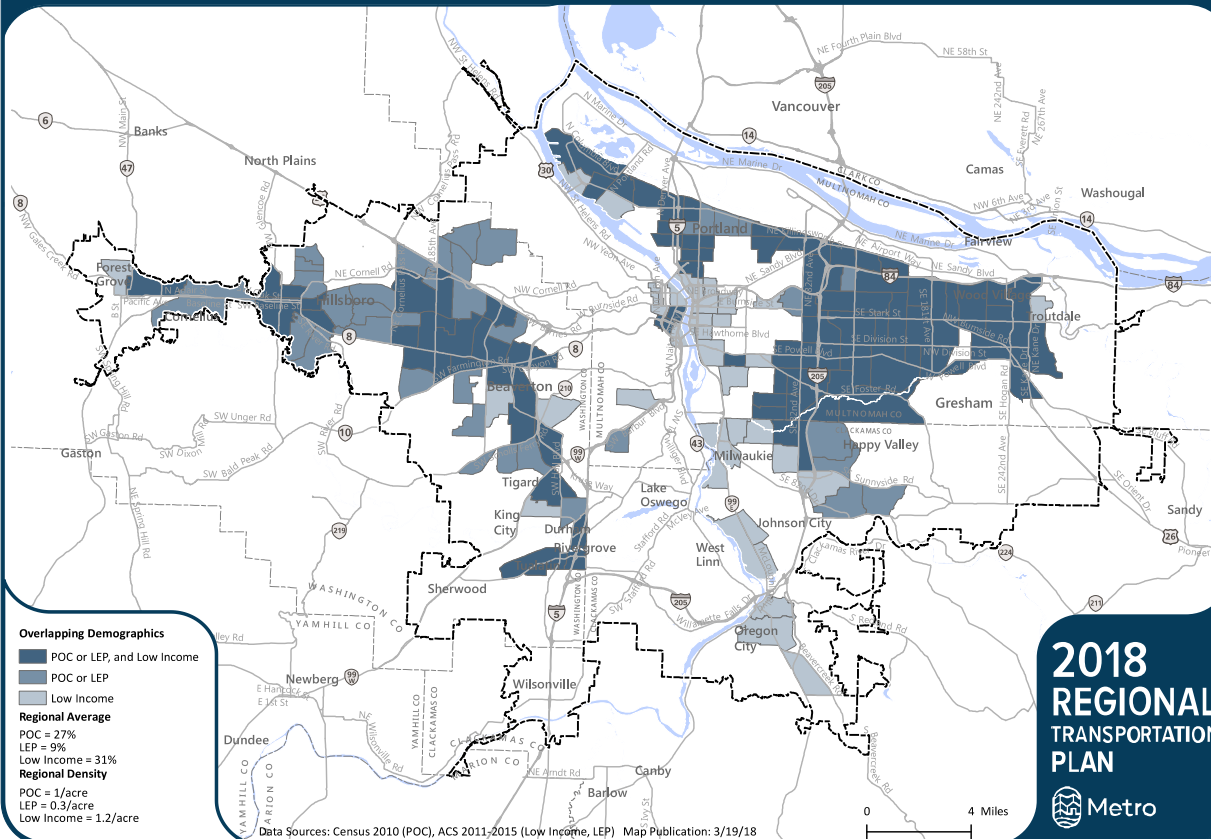Source: 2018 RTP (Chapter 2 and Chapter 7)

2018 RTP Equity Analysis

Analysis of priorities and disparities experienced by communities that have been excluded from decision making processes and where transportation policies and investments have disproportionately led to harm, displacement and disinvestment

Communities of Color, English Language Learners, and Lower-Income Communities

This map shows census tracts with higher than regional average concentrations and double the density of one or more of the following: people of color, people with low income, and English language learners. Census tracts where multiple demographic groups overlap are identified.

Overlapping Demographics
- POC or LEP, and Low Income
- POC or LEP
- Low Income

Regional Average
POC = 27%
LEP = 9%
Low Income = 31%

Regional Density
POC = 1/acre
LEP = 0.3/acre
Low Income = 1.2/acre

Data Sources: Census 2010 (POC), ACS 2011-2015 (Low Income, LEP)   Map Publication: 3/19/18

2018 REGIONAL TRANSPORTATION PLAN

Metro

0   4 Miles

Priorities identified through public engagement and technical work group

- Safety

- Access to jobs, essential destinations and travel options

- Public health

- Affordability

DLCD Climate Friendly Equitable communities (CFEC) rulemaking may result in new or updated requirements for the 2023 RTP to address.

Source: 2018 RTP (Chapter 3) and Appendix E (Transportation Equity Evaluation)
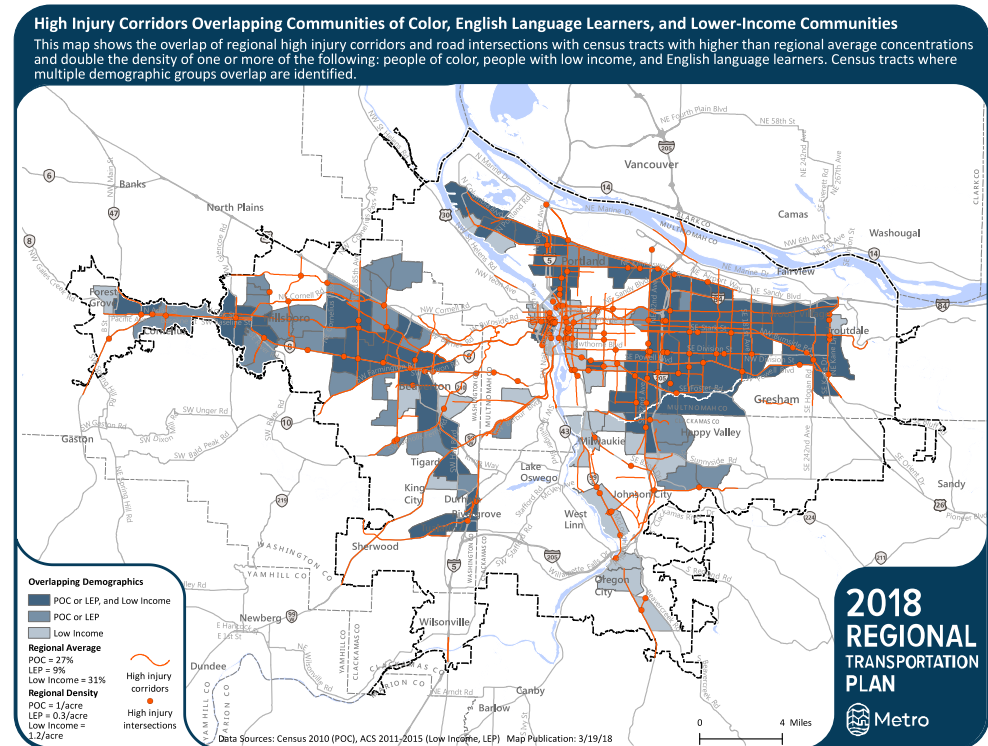
2018 RTP Safety Analysis
Analysis of high injury corridors and hotspots

More than **60 percent of projects improve safety** and **three-quarters of those projects are located in equity focus areas** – areas with the highest incidents of crashes causing death or life-changing injuries

Average 482 deaths
and serious injuries per year

60% of serious crashes occur on high injury network which represents 6% of all streets

While the number of projects improving safety is moving in the right direction, observed crash data from last five years indicates that the region is moving in the wrong direction to achieve Vision Zero target.

High Injury Corridors Overlapping Communities of Color, English Language Learners, and Lower-Income Communities
This map shows the overlap of regional high injury corridors and road intersections with census tracts with higher than regional average concentrations and double the density of one or more of the following: people of color, people with low income, and English language learners. Census tracts where multiple demographic groups overlap are identified.

Source: 2018 RTP (Chapter 3)

2018 RTP Climate Analysis
Analysis of Climate Smart Strategy implementation

Climate Smart Strategy integrated in 2018 RTP

We are **making satisfactory progress** if we implement the RTP, but more work (and funding) is needed

Track and report progress every 5 years through plan updates to inform planning and programming activities

DLCD Climate Friendly Equitable communities (CFEC) rulemaking may result in new or updated requirements for the 2023 RTP to address.

Metro

APPENDIX J

2018 Regional Transportation Plan

Climate Smart Strategy implementation and monitoring

December 6, 2018

oregonmetro.gov/r

2018 RTP Mobility Analysis
Analysis of congestion on the region's major travel routes

Congestion forecasted to grow on throughways and arterials

New multimodal mobility policy and congestion management tools needed for the region

Metro/ODOT regional mobility policy update will recommend an updated policy, measure(s) and target(s) for the 2023 RTP.

DLCD Climate Friendly Equitable communities (CFEC) rulemaking may result in new or updated requirements for the 2023 RTP to address.

Congestion Management Process Toolbox

1 Community design strategies
- Walkable communities and job centers facilitated by compact land use in combination with walking, biking and transit connections
- Mixed-used areas and transit-oriented development
- Parking management and pricing

2 Travel Information and Incentives strategies
- Commuter travel options programs
- Household individualized marketing programs
- Car-sharing and eco-driving techniques
- Safe Routes to School programs
- Ridesharing (carpool, vanpool) services

3 System management and operations strategies
- Real-time variable message signs and speed limits
- Signal timing and ramp metering
- Transit signal priority, bus-only lanes, bus pull-outs
- Incident response detection and clearance
- Access management (e.g., turn restrictions, medians)

Emerging — Congestion pricing strategies
- Peak period pricing
- Managed lanes
- High occupancy toll (HOT) lanes

4 Active Transportation strategies
- New biking and walking connections to schools, jobs, downtowns and other community places
- Bicycle infrastructure (e.g., bicycle racks, lockers and other bicycle amenities at transit stations and other destinations)
- Separated pathways and trails

5 Transit strategies
- High capacity transit
- Expanded transit coverage
- Expanded frequency of service
- Improvements in right-of-way to increase speed and reliability of buses and MAX
- Community and job connector shuttles
- Park-and-ride lots in combination with transit service

6 Street and throughway capacity strategies
- Local and arterial street connectivity to spread out travel
- Addition of turn lanes at intersections, driveway restrictions and other geometric designs such as roundabouts
- Road widening to add new lane miles of capacity (e,g, adding auxiliary lanes, additional general purpose lanes); pricing is considered when adding new throughway capacity in the region

Source: 2018 RTP (Chapter 3) and Appendix L