

## 2018 RTP System Evaluation Measures to be tested in Summer 2017

ID	Name of RTP System Evaluation Measure
<b>How much do people and goods travel in our region?</b>	
<b>1.</b>	<b>Multimodal travel</b> System-wide # of miles traveled (total and share of overall travel), sub-region # of miles (total and share of overall travel) A) Vehicle Miles Traveled (VMT) <i>(total, per capita, and per employee)</i> B) Bicycle miles traveled <i>(total and per capita)</i> C) Freight miles traveled D) Pedestrian miles traveled <i>(total and per capita)</i> E) Person miles traveled
<b>2.</b>	<b>Active transportation and transit mode share</b> System-wide <i>(total and share):</i> A) walking B) bicycling C) transit  Non-driving travel <i>(total and share):</i> A) Central City B) Regional Centers C) Mobility corridors D) Sub-regions.
<b>How much do households spend on housing and transportation in our region?</b>	
<b>3.</b>	<b>Affordability*</b> Combined cost of housing and transportation – <i>methodology TBD.</i>
<b>How safe is travel in our region?</b>	
<b>4.</b>	<b>Share of safety projects*</b> Percent of number and cost of safety projects in the RTP investment packages regionwide, in areas with historically marginalized communities, in areas with focused historically marginalized communities and per person in each area.
<b>5.</b>	<b>Exposure to crash risk*</b> The sum of all non-freeway vehicle miles traveled (VMT) in Transportation Area Zones (TAZ) for RTP investment packages region-wide, in historically marginalized communities, and in focused historically marginalized communities.
<b>How easily, comfortably and directly can we access jobs and destinations in our region?</b>	
<b>6.</b>	<b>Access to travel options – system connectivity &amp; completeness *</b> Miles, network percent complete, connectivity, density and timing of sidewalk, bikeway, trail and new street investments region wide, in historically marginalized communities, in focused historically marginalized communities and within 1/2mile of transit.

*\* Reflects the transportation priorities identified by historically marginalized communities and will serve as the basis for the federally-required Title VI Benefits and Burdens analysis.*

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7.	<b>Access to jobs*</b> Number of jobs ( <i>classified by wage groups – low, middle, and high</i> ) accessible within A) 30 minutes by auto B) 45 minutes by transit C) 30 minutes by bike D) 20 minutes by walking.
8.	<b>Access to community places*</b> 1) Measure access by bicycling, walking, transit, driving 2) Adjust the time sheds for each mode 3) Define existing “daily needs” consistent with other similar efforts, including the TriMet Equity Index.
9.	<b>Access to bicycle and pedestrian parkways</b> Number and percent of households within ½ mile of a bicycle or pedestrian parkway.
10.	<b>Access to transit</b> Number and share of households, low-income households and employment within ¼- mile of high capacity transit or frequent service transit
11.	<b>Access to industry and freight intermodal facilities</b> Extent that industrial land and freight intermodal facilities are transportation constrained
<b>How efficient is travel in our region?</b>	
12.	<b>Multi-modal travel times</b> Between key origin-destinations for mid-day and 2-hr PM peak
13.	<b>Congestion</b> A) Vehicle hours of delay per person B) Interim Regional Mobility Policy - Locations of throughways, arterials, and regional freight network facilities that that exceed LOS threshold C) Freight Truck delay D) Total cost of delay on freight network
14.	<b>Transit efficiency</b> A) Boarding rides per revenue hour for HCT & bus B) Revenue hours by transit mode C) Transit ridership system-wide by each transit service type
<b>How will transportation impact climate change, air quality and the environment?</b>	
15.	<b>Climate change</b> Tons of transportation-related greenhouse gas emissions ( <i>total and per capita</i> )
16.	<b>Clean air</b> Tons of transportation related air pollutants ( <i>e.g. CO, ozone, PM-10</i> )
17.	<b>Habitat impact*</b> Number and percent of projects that intersect high value habitat

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