

## Appendix F. Research on Performance Measures

In addition to the performance measures recommended here a number of other performance measures implemented or considered in other regions that were researched. The table below provides an overview of some select performance measures identified from other regions.

<b>Performance Measure</b>	<b>Source</b>
<b>Bicycle counts</b>	Seattle City Bicycle Master Plan (2013)
<b>Bicycle and pedestrian miles traveled (total and per capita)</b>	Portland Active Transportation Plan draft (August 2013)
<b>Biking...mode share compared to 2010 modeled mode share within urban growth boundary</b>	Portland Active Transportation Plan draft (August 2013)
<b>Mode share by trip purpose</b>	Boston Region MPO - Appendix A - Draft Universe of Potential Performance Measures Developed
<b>Share of region's K-12 students that walk or bike to school</b>	Boston Region MPO - Appendix A - Draft Universe of Potential Performance Measures Developed
<b>Average peak period travel time by mode</b>	Boston Region MPO - Appendix A - Draft Universe of Potential Performance Measures Developed
<b>Percent increase in bicycle network separated from traffic</b>	Portland Active Transportation Plan draft (August 2013)
<b>Bridges accommodating bikes</b>	Boston Region MPO - Appendix A - Draft Universe of Potential Performance Measures Developed
<b>Share of streets with bicycle facilities (non limited-access highways)*</b>	Boston Region MPO - Appendix A - Draft Universe of Potential Performance Measures Developed
<b>Miles of designated bicycle routes</b>	Blue Ridge Bike Plan (2013)
<b>Miles of bikeable shoulders/bicycle lanes</b>	Blue Ridge Bike Plan (2013)
<b>Miles of multi-use trails/greenways</b>	Blue Ridge Bike Plan (2013)
<b>Miles of signed bicycle routes/share the road routes</b>	Blue Ridge Bike Plan (2013)
<b>Percentage of bicycle facilities addressed from plan</b>	Blue Ridge Bike Plan (2013)
<b>Percent network completion</b>	Seattle City Bicycle Master Plan (2013)
<b>Percent of regional trails completed</b>	Portland Active Transportation Plan draft (August 2013)
<b>Percent of center-line miles that are considered a "Complete Street"</b>	Boston Region MPO - Appendix A - Draft Universe of Potential Performance Measures Developed
<b>Jurisdictions with "Complete Streets" policies/ordinances</b>	Blue Ridge Bike Plan (2013)
<b>Essential destinations accessible within 30 minutes by bicycling and public transit for low income, minority, senior and disabled populations</b>	Portland Active Transportation Plan draft (August 2013)
<b>Number of essential destinations accessible within 30 minutes by trails [and] bicycling...for all residents.</b>	Portland Active Transportation Plan draft (August 2013)
<b>Percent of population within 1/2 mile of a shared-Use path or on-road bicycle facility</b>	Boston Region MPO - Appendix A - Draft Universe of Potential Performance Measures Developed

<b>Percentage of households within 1/4 mile of a bicycle facility</b>	Seattle City Bicycle Master Plan (2013)
<b>Areas lacking bicycle facilities</b>	Seattle City Bicycle Master Plan (2013)
<b>Network Connectivity Index</b>	Boston Region MPO - Appendix A - Draft Universe of Potential Performance Measures Developed
<b>Increase in connectivity of regional bicycle and pedestrian networks region-wide and by mobility corridor</b>	Portland Active Transportation Plan draft (August 2013)
<b>Increase in density of regional bicycle network region-wide and by mobility corridor</b>	Portland Active Transportation Plan draft (August 2013)
<b>Percent of transit Stations with bicycle accommodations*</b>	Boston Region MPO - Appendix A - Draft Universe of Potential Performance Measures Developed
<b>Bicycle parking availability and utilization at [transit] stops</b>	Boston Region MPO - Appendix A - Draft Universe of Potential Performance Measures Developed
<b>Number of crashes Involving a bicyclist per capita</b>	Boston Region MPO - Appendix A - Draft Universe of Potential Performance Measures Developed
<b>Number of bicycle crashes (by location, normalized for population &amp; other features)</b>	Blue Ridge Bike Plan (2013)
<b>Collision rate</b>	Seattle City Bicycle Master Plan (2013)
<b>Number of pedestrian, bicyclist and motor vehicle occupant fatalities plus serious injuries</b>	Portland Active Transportation Plan draft (August 2013)
<b>Number of identified high crash rate locations rectified</b>	St. Louis Bicycle Plan (2010)
<b>Miles of projected vehicle traveled reduced per dollar for projects</b>	Boston Region MPO - Appendix A - Draft Universe of Potential Performance Measures Developed
<b>Cost/benefit ratio for major projects (benefits include reduced emissions, new transit riders, reduced toxics exposure, HH income to transportation, travel time to jobs, etc.)</b>	Boston Region MPO - Appendix A - Draft Universe of Potential Performance Measures Developed
<b>Annual emission reduced by the use of alternatives to single-occupancy vehicles (transit, rideshare, walking &amp; biking)</b>	Boston Region MPO - Appendix A - Draft Universe of Potential Performance Measures Developed