



Regional Performance Measures and Targets

MAP-21 Requirements

MAP-21 is the law that provides the framework for federal surface transportation programs and funding. MAP-21 requires regions to develop transportation plans using a performance-based approach.

For *Maximize2040: A Performance-Based Transportation Plan*, the Baltimore Regional Transportation Board (BRTB) has adopted regional goals, performance measures, and targets to guide future investments and to gauge their effectiveness.

Definitions

- **Goal** – broad aspiration or guiding principle
- **Performance measure** – specific metric used to assess progress toward achieving a goal
- **Target** – specific level to attain within a certain time frame and/or to maintain over time

Regional Performance Measures/Targets

Goal: Improve Safety

Rate of serious injuries per 100 million vehicle miles traveled (VMT)

- recent 5-year average = 6.0
- 2040 target = 3

Rate of fatalities per 100 million VMT

- recent 5-year average = 0.9
- 2040 target = 0

Number of serious injuries

- recent 5-year average = 1,488.2
- 2040 target = 676

Number of fatalities

- recent 5-year average = 215.8
- 2040 target = 0

Number of preventable transit accidents per 100,000 revenue vehicle miles

- recent 5-year average = 2.7
- 2040 target = 0

Goal: Improve/Maintain Existing Conditions

Percentage of road miles with acceptable ride quality

- recent 5-year average = 82
- maintenance target = at or above 82

Percentage of structurally deficient bridges

- recent 5-year average = 6.6
- maintenance target = below 5

Average age of bus fleets (in years)

- recent 5-year average = 4.8
- maintenance target = below 7

Goal: Improve Accessibility

Percentage of roadway miles with sidewalks (both sides of roadway)

- recent 4-year average = 16.8
- 2040 target = 25

Percentage of people biking or walking to work

- recent 4-year average = 3
- 2040 target = 5

Average weekday transit ridership (all modes)

- recent 4-year average = 366,461
- 2040 target = 500,000

Goal: Increase Mobility

Percentage of VMT in congested conditions on arterial roads (evening peak hour)

- recent 3-year average = 25
- maintenance target = below 25

Average truck turnaround time at Seagirt Marine Terminal (in minutes)

- recent 5-year average = 55.3
- maintenance target = below 58

Goal: Conserve/Enhance the Environment

Levels of air pollutants in vehicle emissions

- region meets current and projected emission “budgets” in State Implementation Plan (SIP)
- maintenance target = continue to meet SIP budgets

For more information . . .

about performance measures, please contact:

Terry Freeland
Baltimore Metropolitan Council
(410) 732-0500, ext. 1028
tfreeland@baltometro.org