

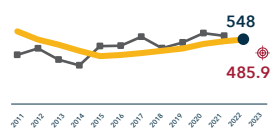
The Maryland Department of Transportation (MDOT) established performance targets for Safety, Infrastructure Condition, System Performance, and Congestion Mitigation and Air Quality (CMAQ), per 23 C.F.R. 490 – National Performance Management Measures.

### TPM 1: Safety

Safety targets are derived from the 2021-2025 Strategic Highway Safety Plan (SHSP). Targets for measures showing a decreasing trend are based on five-year rolling averages and an exponential trend line. Those for measures showing an increasing trend are set at a 2% decrease from the 2016-2020 five-year average.

These targets are updated annually by the MDOT Motor Vehicle Administration (MVA), Maryland Highway Safety Office, and MDOT State Highway Administration (SHA) Office of Traffic and Safety and are reported in the Highway Safety Improvement Program.

#### Fatalities



#### Fatality Rate

per hundred million vehicles traveled

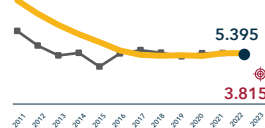


#### Serious Injuries

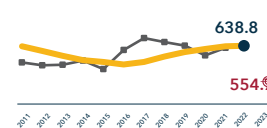


#### Serious Injury Rate

per hundred million vehicles traveled



#### Non-Motorized Fatalities and Serious Injuries



— Yearly average  
— 5-year rolling average

### TPM 2: Infrastructure Condition

Infrastructure condition targets are set for the entire National Highway System (NHS) in Maryland, which is owned and maintained by a partnership of federal, state, and local agencies. The MDOT SHA Office of Structures led bridge condition target setting and the Office of Materials Technology led pavement condition target setting. Targets were based on performance achievable with reasonably available funding over the performance period. They are updated every two years and reported in a Biennial Performance Report to the Federal Highway Administration (FHWA).

Good

Fair

Poor

#### Interstate Pavement Condition

PP2 Baseline	55.4%	44.0%	0.6%
2-Year Target	48.0%	51.0%	1.0%
4-Year Target	45.0%	54.0%	1.0%

#### Non-Interstate NHS Pavement Condition

PP2 Baseline	30.4%	63.4%	6.2%
2-Year Target	29.0%	63.0%	8.0%
4-Year Target	28.0%	63.0%	9.0%

#### NHS Bridge Condition

PP2 Baseline	24.3%	73.1%	2.6%
2-Year Target	24.5%	73.0%	2.5%
4-Year Target	24.8%	73.0%	2.2%

### TPM 3: System Performance, Freight Movement, and Air Quality

The MDOT SHA Office of Planning and Preliminary Engineering led development of system and freight reliability targets for the NHS based on modeled forecasts of reliability for expected travel volumes. Traffic congestion targets for applicable urbanized area were established collaboratively by MDOT SHA and relevant metropolitan planning organization (MPO) representatives, based on extrapolated trends. The on-road mobile source emissions targets were developed by the Office of Planning and Capital Programming at the MDOT Secretary's Office based on programmed CMAQ projects. Targets are updated every two years and reported in a Biennial Performance Report to the Federal Highway Administration (FHWA).

## Reliability

### Percent of the Person-Miles Traveled on the Interstate That Are Reliable

PP2 Baseline	84.7%
2-Year Target	76.8%
4-Year Target	76.4%

### Percent of the Person-Miles Traveled on the Non-Interstate NHS That Are Reliable

PP2 Baseline	92.4%
2-Year Target	87.2%
4-Year Target	87.2%

### Truck Travel Time Reliability (TTTR) Index

PP2 Baseline	1.60
2-Year Target	1.80
4-Year Target	1.81

## Congestion

Measures and Targets for Urbanized areas (as applicable)

### Annual Hours of Peak Hour Excessive Delay Per Capita

#### Baltimore, MD

PP2 Baseline	13.9
2-Year Target	14.8
4-Year Target	15.7

#### Philadelphia, PA

PP2 Baseline	13.1
2-Year Target	15.2
4-Year Target	15.1

#### Washington, DC

PP2 Baseline	12.8
2-Year Target	22.5
4-Year Target	22.7

#### Aberdeen

PP2 Baseline	6.9
2-Year Target	6.9
4-Year Target	6.9

### Percent of Non-Single Occupancy Vehicle (Non-SOV) Travel

#### Baltimore, MD

PP2 Baseline	25.4%
2-Year Target	25.3%
4-Year Target	25.5%

#### Philadelphia, PA

PP2 Baseline	30.6%
2-Year Target	30.0%
4-Year Target	30.3%

#### Washington, DC

PP2 Baseline	39.5%
2-Year Target	37.4%
4-Year Target	37.7%

#### Aberdeen

PP2 Baseline	16.1%
2-Year Target	16.8%
4-Year Target	16.8%

## Emissions

### Total Emission Reductions - Nitrogen Oxides

PP2 Baseline	412.91
2-Year Target	8.45
4-Year Target	58.64

### Total Emission Reductions - Volatile Organic Compounds

PP2 Baseline	154.74
2-Year Target	1.12
4-Year Target	19.94

For more information, please visit our MDOT SHA Transportation Performance Management website at <http://arcg.is/1r04uH> or email us at [IPPD@mdot.maryland.gov](mailto:IPPD@mdot.maryland.gov)



# TRANSPORTATION PERFORMANCE MANAGEMENT (TPM)

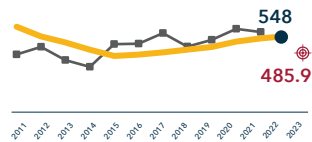
## Second Performance Period Targets

The Maryland Department of Transportation (MDOT) established performance targets for Safety, Infrastructure Condition, System Performance, and Congestion Mitigation and Air Quality (CMAQ), per 23 C.F.R. 490 – National Performance Management Measures.

### TPM 1: Safety

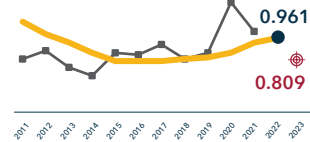
Safety targets are derived from the 2021-2025 Strategic Highway Safety Plan (SHSP). Targets for measures showing a decreasing trend are based on five-year rolling averages and an exponential trend line. Those for measures showing an increasing trend are set at a 2% decrease from the 2016-2020 five-year average. These targets are updated annually by the MDOT Motor Vehicle Administration (MVA), Maryland Highway Safety Office, and MDOT State Highway Administration (SHA) Office of Traffic and Safety and are reported in the Highway Safety Improvement Program.

#### Fatalities

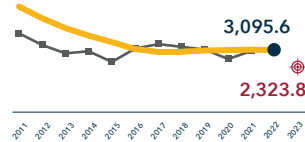


#### Fatality Rate

per hundred million vehicles traveled

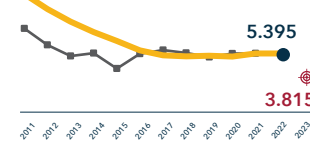


#### Serious Injuries

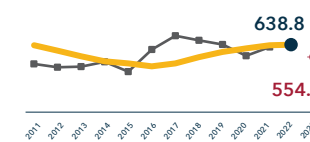


#### Serious Injury Rate

per hundred million vehicles traveled



#### Non-Motorized Fatalities and Serious Injuries



Yearly average  
5-year rolling average

### TPM 2: Infrastructure Condition

Infrastructure condition targets are set for the entire National Highway System (NHS) in Maryland, which is owned and maintained by a partnership of federal, state, and local agencies. The MDOT SHA Office of Structures led bridge condition target setting and the Office of Materials Technology led pavement condition target setting. Targets were based on performance achievable with reasonably available funding over the performance period. They are updated every two years and reported in a Biennial Performance Report to the Federal Highway Administration (FHWA).

Good

Fair

Poor

#### Interstate Pavement Condition

PP2 Baseline	55.4%	44.0%	0.6%
2-Year Target	48.0%	51.0%	1.0%
4-Year Target	45.0%	54.0%	1.0%

#### Non-Interstate NHS Pavement Condition

PP2 Baseline	30.4%	63.4%	6.2%
2-Year Target	29.0%	63.0%	8.0%
4-Year Target	28.0%	63.0%	9.0%

#### NHS Bridge Condition

PP2 Baseline	24.3%	73.1%	2.6%
2-Year Target	24.5%	73.0%	2.5%
4-Year Target	24.8%	73.0%	2.2%

### TPM 3: System Performance, Freight Movement, and Air Quality

The MDOT SHA Office of Planning and Preliminary Engineering led development of system and freight reliability targets for the NHS based on modeled forecasts of reliability for expected travel volumes. Traffic congestion targets for applicable urbanized area were established collaboratively by MDOT SHA and relevant metropolitan planning organization (MPO) representatives, based on extrapolated trends. The on-road mobile source emissions targets were developed by the Office of Planning and Capital Programming at the MDOT Secretary's Office based on programmed CMAQ projects. Targets are updated every two years and reported in a Biennial Performance Report to the Federal Highway Administration (FHWA).

## Reliability

### Percent of the Person-Miles Traveled on the Interstate That Are Reliable

PP2 Baseline	84.7%
2-Year Target	76.8%
4-Year Target	76.4%

### Percent of the Person-Miles Traveled on the Non-Interstate NHS That Are Reliable

PP2 Baseline	92.4%
2-Year Target	87.2%
4-Year Target	87.2%

### Truck Travel Time Reliability (TTTR) Index

PP2 Baseline	1.60
2-Year Target	1.80
4-Year Target	1.81

## Congestion

Measures and Targets for Urbanized areas (as applicable)

### Annual Hours of Peak Hour Excessive Delay Per Capita

#### Baltimore, MD

PP2 Baseline	13.9
2-Year Target	14.8
4-Year Target	15.7

#### Philadelphia, PA

PP2 Baseline	13.1
2-Year Target	15.2
4-Year Target	15.1

#### Washington, DC

PP2 Baseline	12.8
2-Year Target	22.5
4-Year Target	22.7

#### Aberdeen

PP2 Baseline	6.9
2-Year Target	6.9
4-Year Target	6.9

### Percent of Non-Single Occupancy Vehicle (Non-SOV) Travel

#### Baltimore, MD

PP2 Baseline	25.4%
2-Year Target	25.3%
4-Year Target	25.5%

#### Philadelphia, PA

PP2 Baseline	30.6%
2-Year Target	30.0%
4-Year Target	30.3%

#### Washington, DC

PP2 Baseline	39.5%
2-Year Target	37.4%
4-Year Target	37.7%

#### Aberdeen

PP2 Baseline	16.1%
2-Year Target	16.8%
4-Year Target	16.8%

## Emissions

### Total Emission Reductions - Nitrogen Oxides

PP2 Baseline	412.91
2-Year Target	8.45
4-Year Target	58.64

### Total Emission Reductions - Volatile Organic Compounds

PP2 Baseline	154.74
2-Year Target	1.12
4-Year Target	19.94

For more information, please visit our MDOT SHA Transportation Performance Management website at <http://arcg.is/1r04uH> or email us at [IPPD@mdot.maryland.gov](mailto:IPPD@mdot.maryland.gov)