

Memphis MPO Performance Measures

November 18, 2021



Memphis MPO
METROPOLITAN PLANNING ORGANIZATION

Strengthening Regional Transportation

PM1: Safety

- **Area** – Individual State Targets for all public roads in the state
- **Data** – Highway Performance Monitoring System (HPMS) and Fatality Analysis Reporting System (FARS)
- **Performance Measures** –
 - Number of Serious Injuries
 - Rate of Serious Injuries per 100 Million VMTs
 - Number of Fatalities
 - Rate of Fatalities per 100 Million VMTs
 - Number of Non-motorized Fatalities and Serious Injuries
- **Calculation** –
 - 5-Year Rolling Average of 5 individual, consecutive points of data.
 - Number Targets* – Arithmetic average, rounded to tenths place
 - Rate Targets* – Average, rounded to the thousandths place



Mississippi

Performance Measure	MS 2016-20 5 yr. Avg.	MDOT 2017-21 Target	MDOT 2018-22 Target
Fatalities	664.0	685.4	722.8
Fatality Rate	1.648	1.690	1.810
Serious Injuries	616.0	2178.4	2904.8
Serious Injury Rate	1.524	5.410	7.300
Non-Motorized Fatalities and Serious Injuries	124.4	181.7	349.6



Tennessee

Performance Measure	TN 2016-20 5 yr. avg.	TDOT 2017-21 Target	TDOT 2018-22 Target
Fatalities	1091.6	1078.8	1201.4
Fatality Rate	1.367	1.355	1.476
Serious Injuries	6310.8	6227.1	5588.6
Serious Injury Rate	7.910	8.394	6.869
Non-Motorized Fatalities and Serious Injuries	521.6	521.0	534.8

2020 MPO Area Data

Performance Measure	Shelby & Fayette 2020 Reported	Desoto & Marshall 2020 Reported
Fatalities	275	31
Fatality Rate	2.776	3.155
Serious Injuries	1113	183
Serious Injury Rate	11.237	18.625
Non-Motorized Fatalities and Serious Injuries	192 (73 fatalities, 119 serious injuries)	12 (6 fatalities, 6 serious injuries)

Targets

Performance Measure	MDOT 2018-22 Target	TDOT 2018-22 Target
Fatalities	722.8	1201.4
Fatality Rate	1.810	1.476
Serious Injuries	2904.8	5588.6
Serious Injury Rate	7.300	6.869
Non-Motorized Fatalities and Serious Injuries	349.6	534.8