



# Memo

To: Indianapolis MPO Transportation Technical and Policy Committees  
From: Jennifer Dunn  
Date: 12/3/2021  
Re: Safety (PM-1) 2022 Targets

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This memorandum presents the INDOT Safety (PM-1) 2022 Targets

## **Background**

Safety Performance Management is part of the overall Transportation Performance Management program (TPM). The Safety PM Final Rule supports the Highway Safety Improvement Program (HSIP) as it establishes safety performance measure requirements for the purpose of carrying out the HSIP and to assess fatalities and serious injuries on all public roads. The HSIP Final Rule updates the existing HSIP requirements under 23 CFR 924 to be consistent with the Moving Ahead for Progress in the 21<sup>st</sup> Century (MAP-21) Act and Fixing America's Surface Transportation (FAST) Act.

## **Safety Performance Measures (effective date April 14, 2016)**

<b>Measure</b>	<b>Metric</b>	<b>Limits</b>
<b>Number of Fatalities</b>	5 Year Rolling Average	All Public Roads
<b>Number of Serious Injuries</b>	5 Year Rolling Average	All Public Roads
<b>Rate of Fatalities Per 100 Million VMT</b>	5 Year Rolling Average	All Public Roads
<b>Rate of Serious Injuries Per 100 Million VMT</b>	5 Year Rolling Average	All Public Roads
<b>Number of Non-Motorized Serious Injuries and Fatalities</b>	5 Year Rolling Average	All Public Roads



### INDOT 5-Year Rolling Averages

Performance Measure	2016	2017	2018	2019	2020	2021	2022
Number of Fatalities	791.2	818.2	833.4	846.2	862.0	875.2	<b>876.0</b>
Rate of Fatalities (Per 100 M VMT)	0.994	1.020	1.030	1.034	1.062	1.079	<b>1.076</b>
Number of Serious Injuries	3510.7	3423.8	3375.3	3319.9	3163.1	3072.0	<b>2998.2</b>
Rate of Serious Injuries (Per 100 M VMT)	4.412	4.272	4.175	4.059	3.883	3.776	<b>3.675</b>
Number of Non Motorized Fatalities & Serious Injuries	387.2	380.6	383.8	376.8	350.4	345.7	<b>344.5</b>

### 2022 INDOT State Targets

Performance Measure	2022 State Target
Number of Fatalities	<b>876.0</b>
Rate of Fatalities (Per 100 M VMT)	<b>1.076</b>
Number of Serious Injuries	<b>2998.2</b>
Rate of Serious Injuries (per 100 million VMT)	<b>3.675</b>
Number of Non-Motorized Serious Injuries and Fatalities	<b>344.5</b>

### Significant Progress

The agency has met or made “Significant Progress” toward meeting its targets when at least four of the five performance targets are met, or the measure has improved from its baseline. For the 2018 and 2019 targets, it was determined that INDOT met the Significant Progress threshold. For 2020 INDOT will most likely not meet the Significant Progress threshold based on fatality numbers.

### Recommendations

The Indianapolis MPO staff are recommending that we support the INDOT 2022 Safety Targets. This recommendation is based on the following: continued concern over the spatial accuracy of the crash records, the redefinition of what constitutes a “Serious Injury” crash that occurred in 2014, and the uncertainty of how the Coronavirus pandemic will affect the numbers. In addition, we believe the INDOT 2022 Safety Targets to be reasonable and it is encouraging that INDOT had met the Significant Progress threshold for the 2018 and 2019 targets.

If you have additional questions, please feel free to call me at 317-327-5495 or email me at [jennifer.dunn@indympo.org](mailto:jennifer.dunn@indympo.org).