

MDOT MTA

PTASP

Safety Performance
Targets 2020

From the PTASP

“Pursuant to 49 CFR Part 673.11(a)(3), MDOT MTA is required to include safety performance targets in its PTASP that are based on the safety performance measures established under the National Public Transportation Safety Plan (49 CFR Part 670, Subpart D). The four required safety performance measures are:

- Fatalities (total number of reportable fatalities and rate per total vehicle revenue miles by mode)
- Injuries (total number of reportable injuries and rate per total vehicle revenue miles by mode)
- Safety Events (total number of reportable events and rate per total vehicle revenue miles by mode)
- System Reliability (mean distance between major mechanical failures by mode)”

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Mode of Transit Service	Fatalities	Fatalities (per 1M VRM)	Injuries	Injuries (per 1M VRM)	Safety Events	Safety Events (per 1M VRM)	System Reliability (VRM/Failures)
Local Bus	3	0.1	184	8.7	143	6.8	5,727
Light Rail	1	0.3	15	5.1	15	5.1	1,383
Metro Subway	1	0.2	37	8.1	38	8.3	2,820
Mobility	0	0.0	107	4.8	90	4.1	14,000
Commuter Bus	0	0.0	0	0.0	0	0.0	14,975

Methodology

- Targets are largely set as a baseline compared to NTD reports from 2017-2019
- MDBF is a challenge as the different modes are adjusting to new measurement (Previously measured as Time between failures in some locations)
- We did take comments from our modal leaders before setting these targets

This will be the standard method for our annual review and adjustment of targets in order to drive continuous improvement.

Challenges

- Data
 - We are constantly improving our ability to track and share data internally
 - Striving to bring multiple modes and contract services to similar data tracking practices
- Timely Reporting/Compiling of information for [at least] quarterly review and monitoring
- COVID impacts

Thank you!

Questions or Comments?

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