



Safety Performance Target Setting

Technical Committee

December 7, 2021

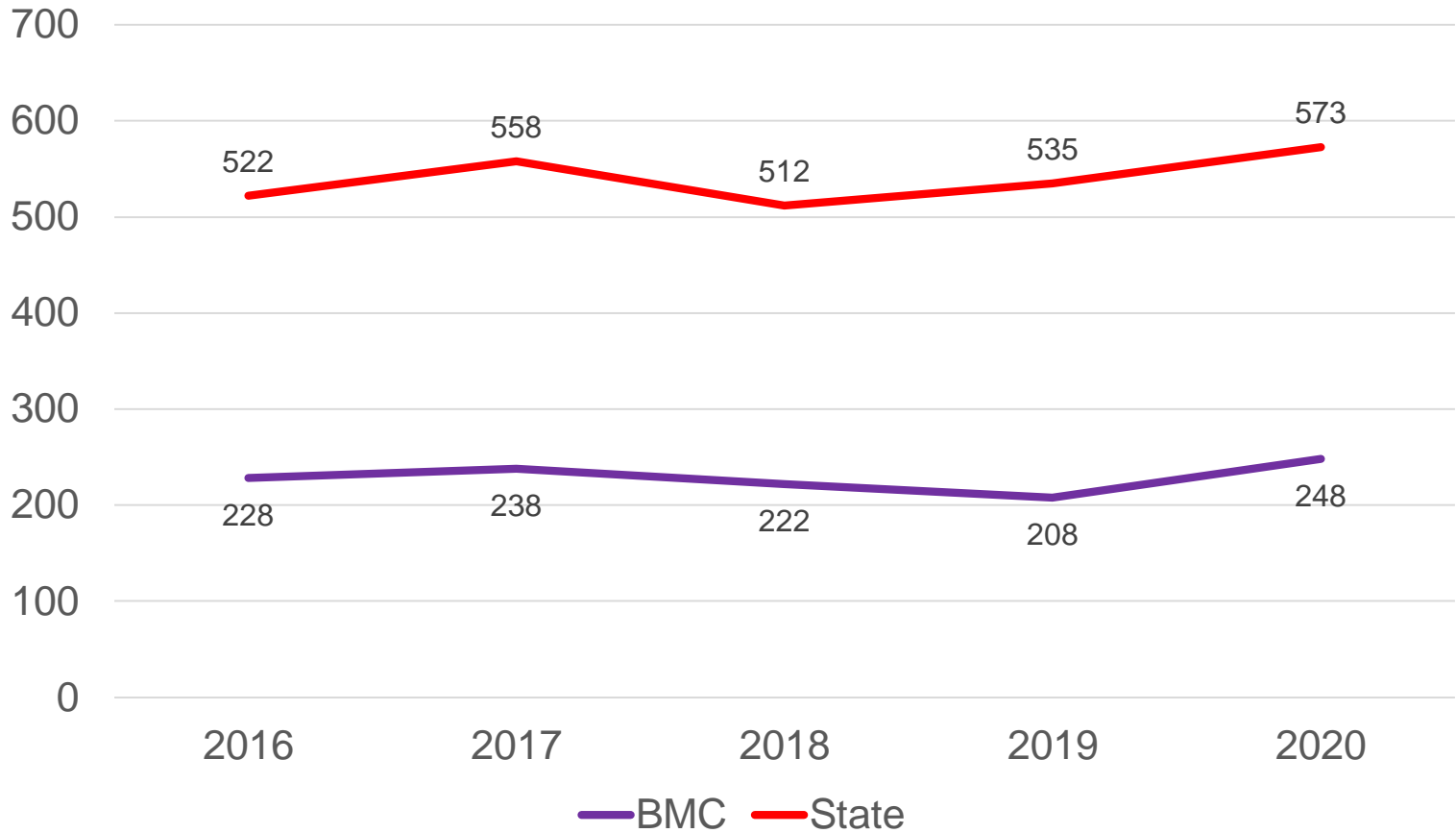


Safety in the Baltimore Region

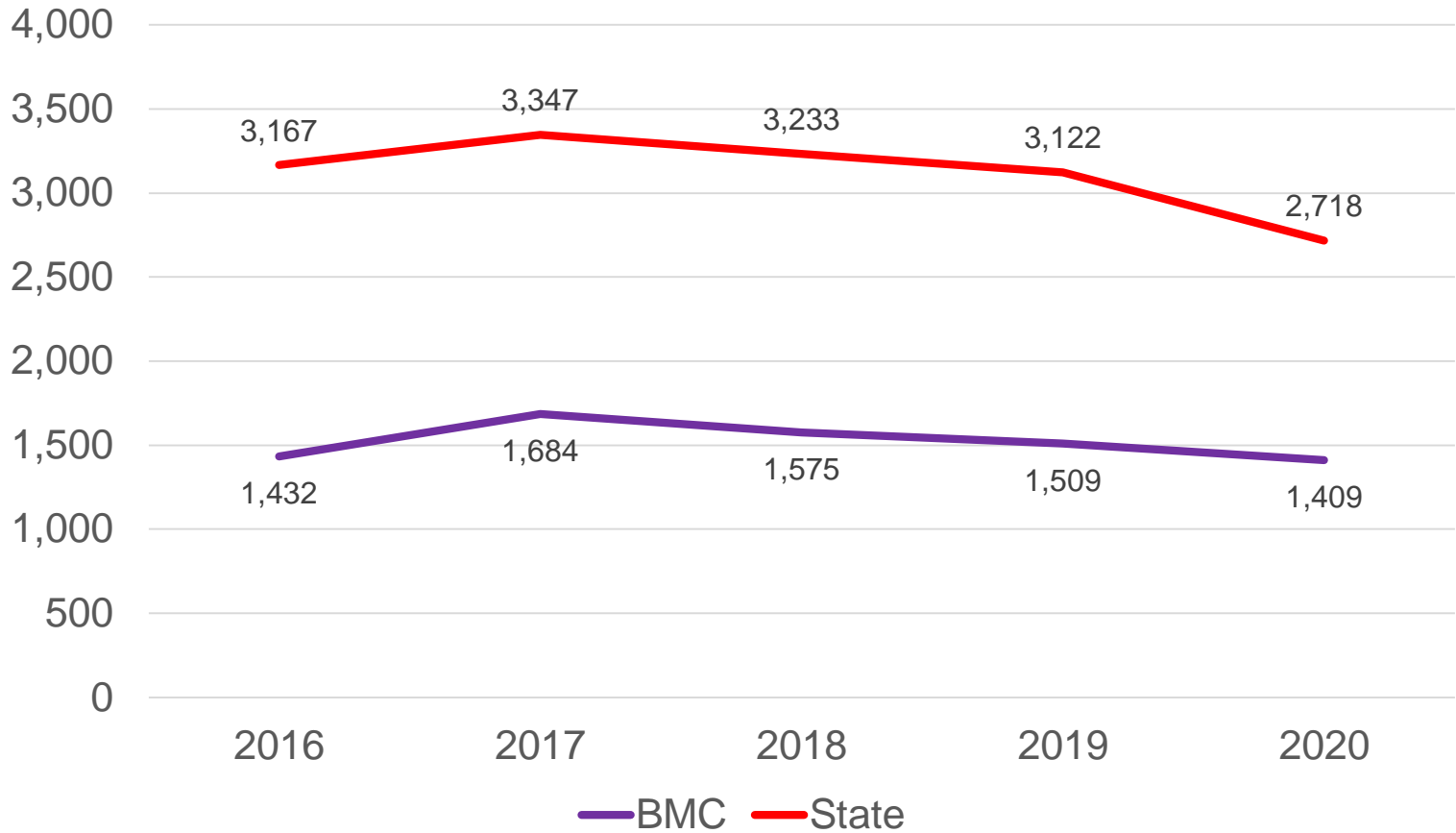
<u>BMC</u>	2016	2017	2018	2019	2020
Fatalities	228	238	222	208	248
Serious Injuries	1,432	1,684	1,575	1,509	1,409
Total Injuries	25,824	26,374	26,022	25,292	19,591

<u>State</u>	2016	2017	2018	2019	2020
Fatalities	522	558	512	535	573
Serious Injuries	3,167	3,347	3,233	3,122	2,718
Total Injuries	50,921	51,391	50,011	48,663	36,754

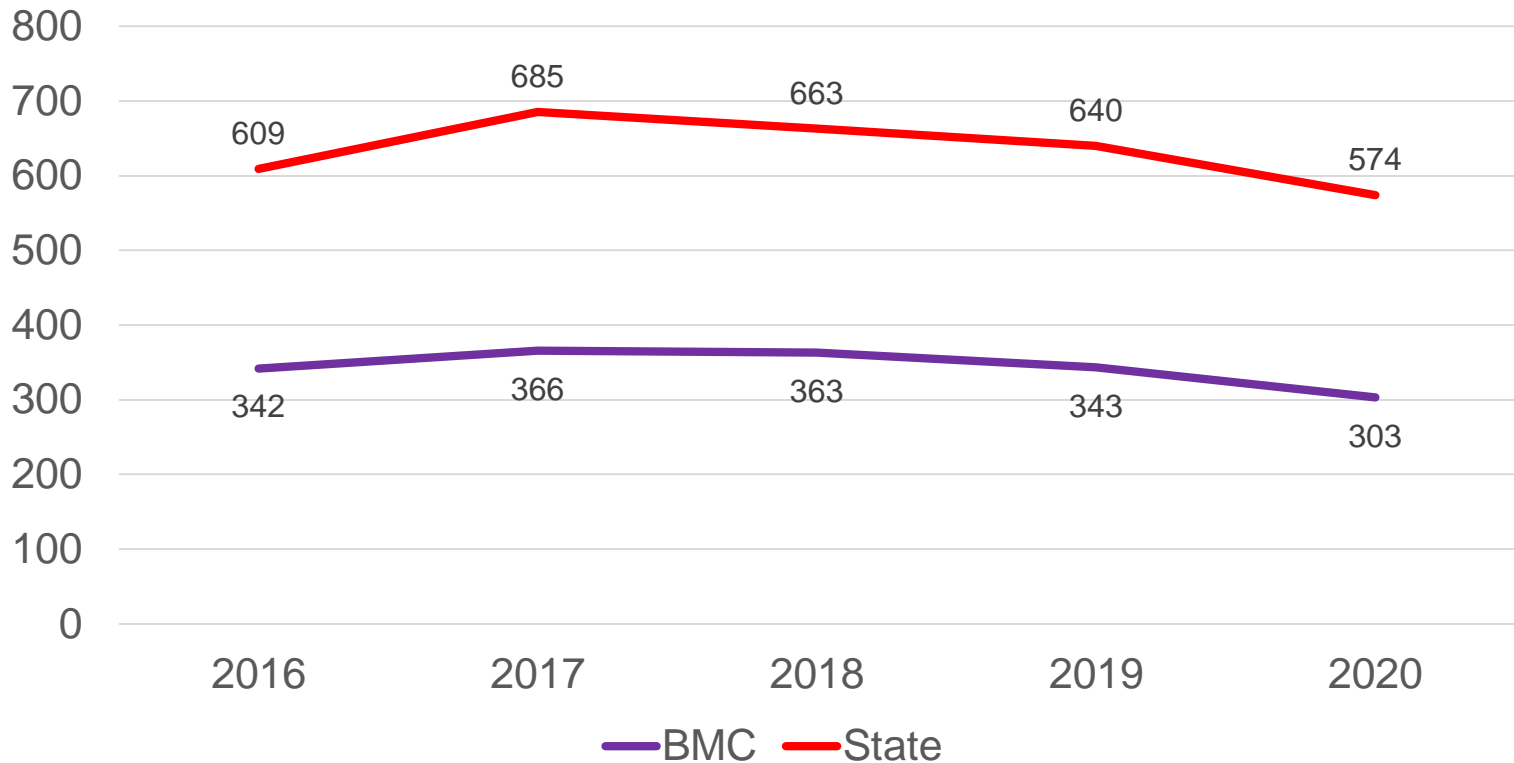
Fatalities



Serious Injuries



Non-motorist Fatalities and Serious Injuries



Safety Performance Targets

- Federal regulations state that MPOs must set safety performance targets 180 days after the State HSIP Report is submitted.
- Initial BRTB safety targets were set in January 2018 and updated in January 2019, 2020, and 2021.

BRTB Target-Setting Process



- **Follow new Maryland methodology**
 - Exponential forecast from 2005-2009 average
 - Annual 2% reduction in cases of increasing trends
- **Set the five targets specific to the BRTB region**
- **Updated targets to be approved no later than February 28, 2022**
 - Incorporate new year of data into five-year rolling averages
 - Waiting for official documentation from MDOT






Anticipated

Baltimore Region Yearly Highway Safety Targets

Performance Measure	2005-2009 Baseline	2019 Actual	2020 Actual	Change 2019-2020	2018-2022 Target	2040 Goal
Number of Fatalities	244	208	248	↑ 19.2%	208	194
Number of Serious Injuries	2,094	1,509	1,409	↓ 6.6%	1,166	882
Fatality Rate per 100 Million VMT	0.94	0.75	1.06	↑ 42.4%	0.75	0.67
Serious Injury Rate per 100 Million VMT	8.06	5.42	6.04	↑ 11.5%	4.23	3.04
*Number of Non-motorized Fatalities & Serious Injuries	290	342	331	↓ 11.7%	333	272

**Increasing trend, so two percent annual reduction applied.*

State Trends

Performance Measure	2019 Actual	2020 Actual	Change 2019-2020
Number of Fatalities	535	573	 7.10%
Number of Serious Injuries	3,122	2,718	 12.94%
Fatality Rate per 100 Million VMT	0.89	1.13	 26.97%
Serious Injury Rate per 100 Million VMT	5.19	5.37	 3.47%
Number of Non-motorized Fatalities & Serious Injuries	640	574	 10.31%

New development

CRASHES ARE NO ACCIDENT

Maryland takes a data-driven approach to reach our goal of zero roadway fatalities and serious injuries.

463

REPORTED FATALITIES YEAR TO DATE IN 2021* (AS OF 11/9/2021)

'Fatalities' is a count of the total number of persons killed in a motor vehicle crash (some fatal crashes involve more than one fatality).

431

REPORTED FATAL CRASHES YEAR TO DATE IN 2021 (AS OF 11/9/2021)

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Breakdown of Overall Fatalities*

	2021 YTD**	2020**	2019
Drivers – All	285	349	304
Passenger – All	64	71	96
Pedestrians – All	107	138	125
Bike or other pedalcycle	5	15	10
Unknown***	1	0	0
Total:	463	573	535

Year to Date Maryland Fatality Summary

Each month data will be updated with the most recent information. Data are subject to change.

<https://zerodeathsmd.gov/resources/crashdata/>

For More Information

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