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# Safety Performance Target Setting

Technical Committee

December 6, 2022



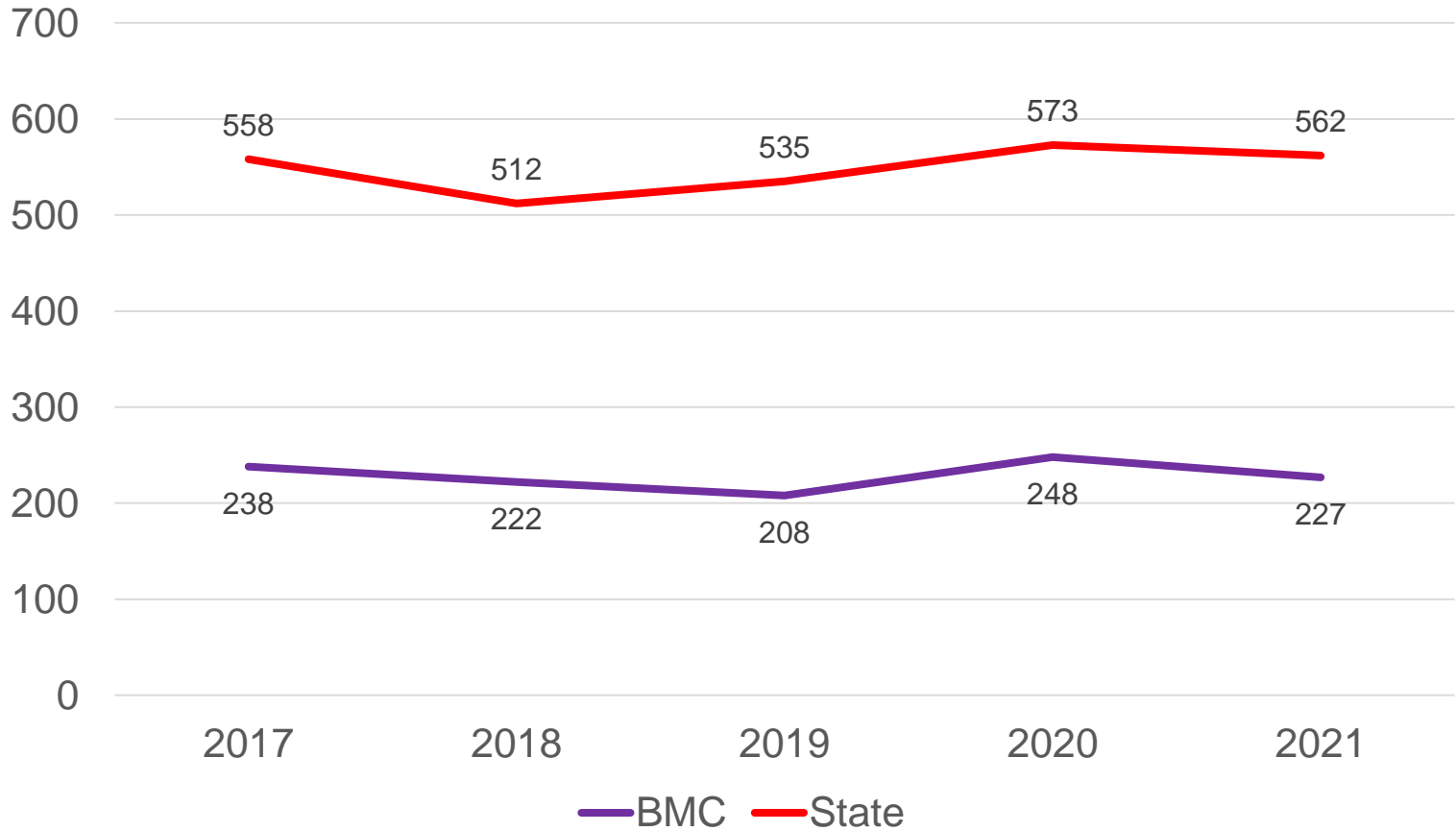
# Safety in the Baltimore Region

<b>BMC</b>	2017	2018	2019	2020	2021
Fatalities	237	222	208	248	227
Serious Injuries	1,679	1,566	1,509	1,409	1,638
Total Injuries	26,374	26,022	25,294	19,610	21,816

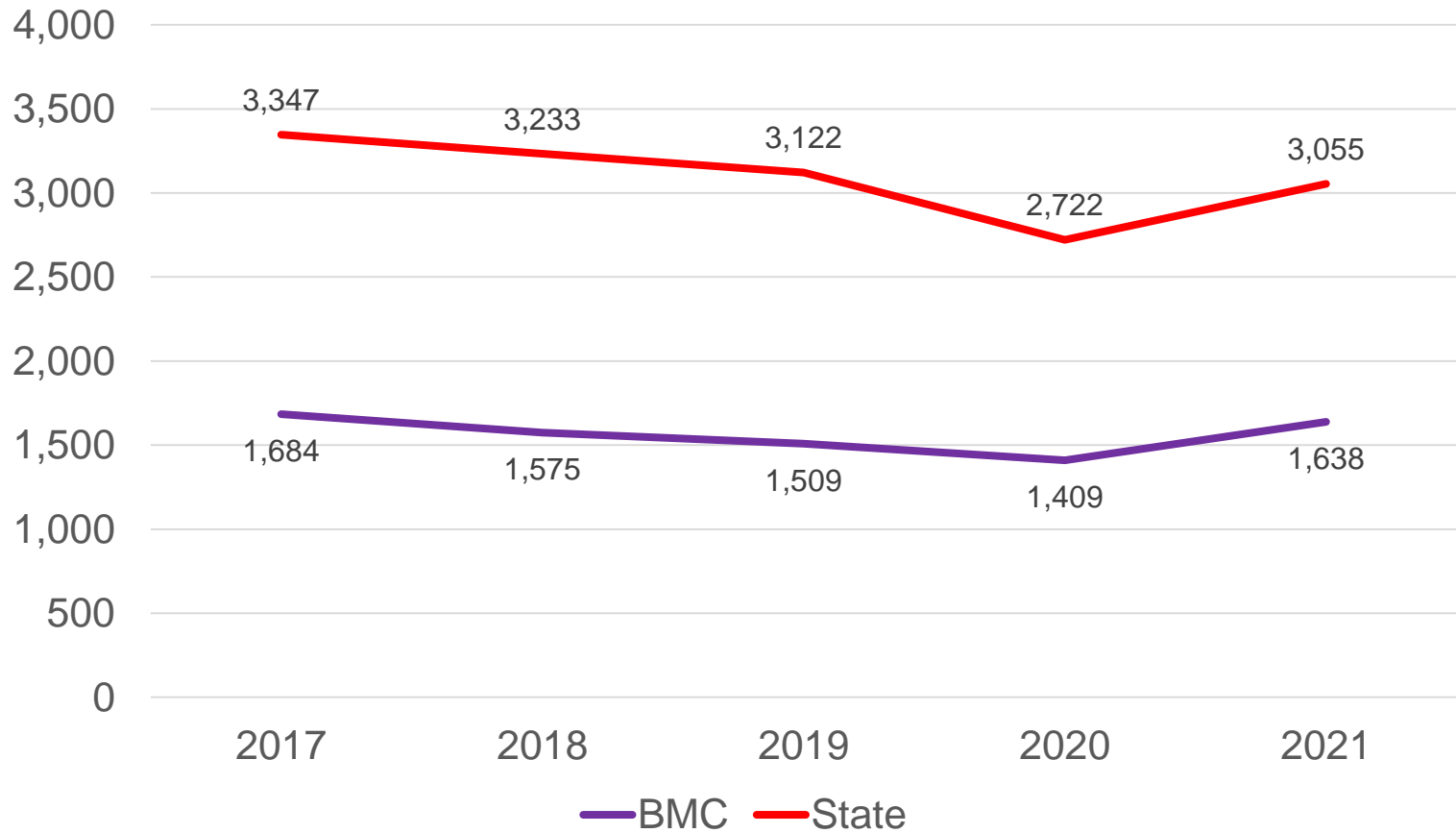
## State

Fatalities	558	512	535	573	562
Serious Injuries	3,347	3,233	3,122	2,722	3,055
Total Injuries	51,391	50,011	48,668	36,777	40,775

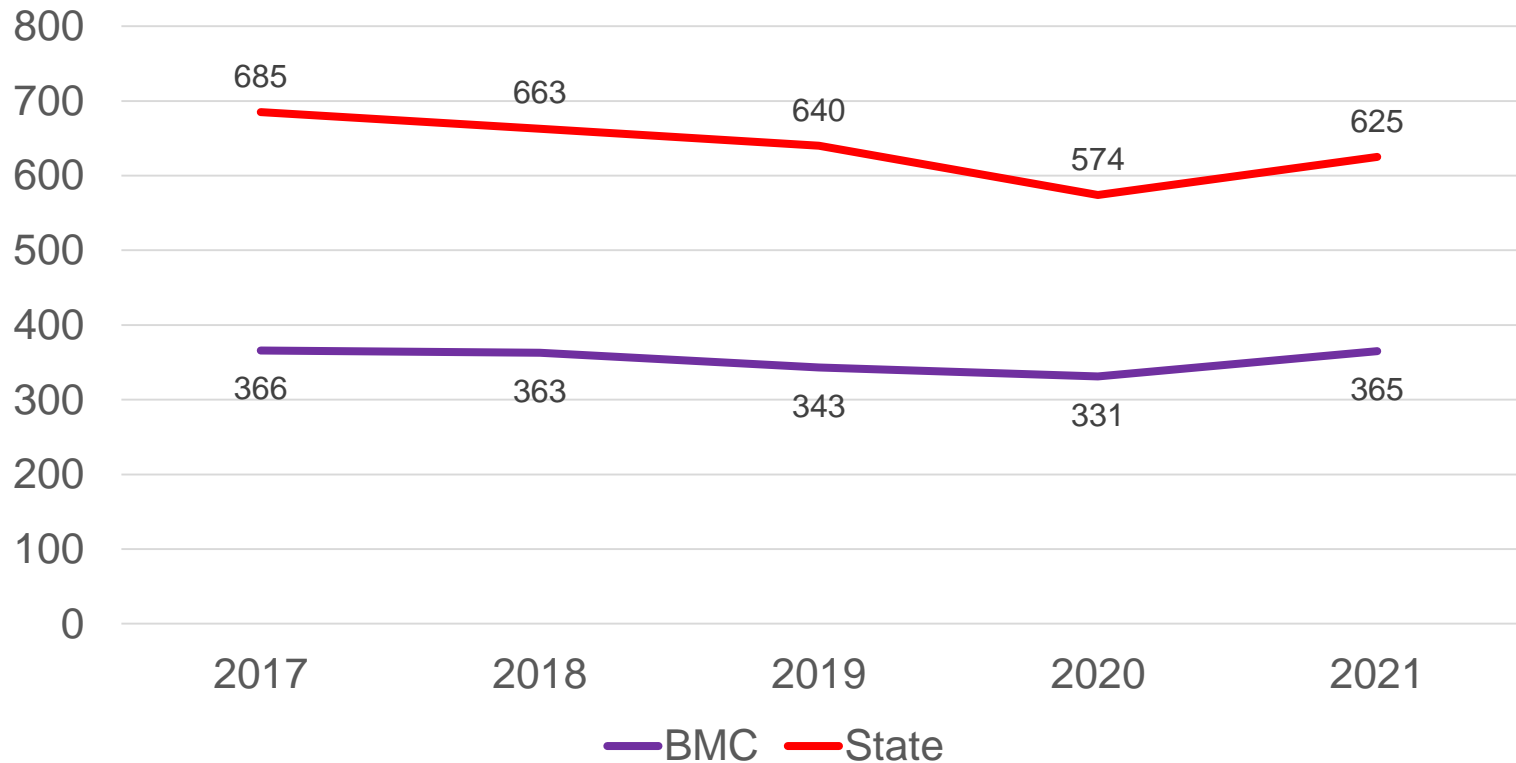
# Fatalities



# 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, 2021, and 2022.

# 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, 2023**
  - 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	2020 Actual	2021 Actual	Change 2020-2021	2019-2023 Target	2030 Goal
Number of Fatalities	244	248	227	↓ 8.5%	212	202
Number of Serious Injuries	2,094	1,409	1,638	↑ 16.2%	1,269	1,060
Fatality Rate per 100 Million VMT	0.94	1.06	0.87	↓ 17.9%	0.79	0.73
Serious Injury Rate per 100 Million VMT	8.06	6.04	6.30	↑ 4.2%	4.66	3.75
*Number of Non-motorized Fatalities & Serious Injuries	290	331	365	↑ 10.3%	338	281

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



# State Trends

Performance Measure	2020 Actual	2021 Actual	Change 2020-2021
Number of Fatalities	573	562	 1.92%
Number of Serious Injuries	2,722	3,055	 12.23%
Fatality Rate per 100 Million VMT	1.13	0.99	 12.39%
Serious Injury Rate per 100 Million VMT	5.38	4.81	 10.59%
Number of Non-motorized Fatalities & Serious Injuries	574	625	 8.88%

# 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)

'Fatal Crashes' is a count of the number of incidents where at least one fatality occurred as a result of a motor vehicle crash.

## 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/>

## 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
<b>Total:</b>	<b>463</b>	<b>573</b>	<b>535</b>

# For More Information

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