Baltimore Regional Transportation Board

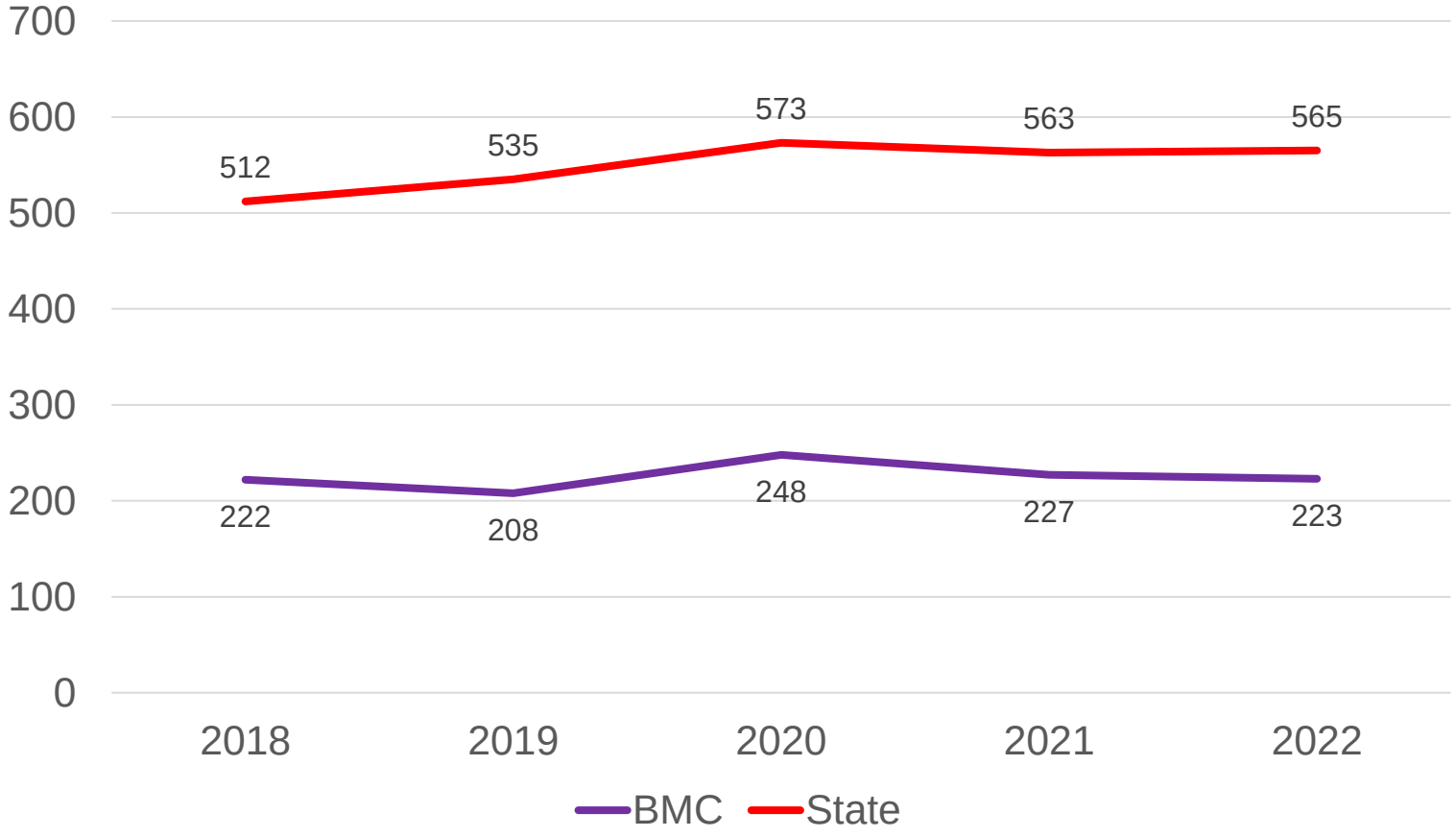
Safety Performance Target Setting

Baltimore Regional Safety Subcommittee Meeting

December 14, 2023

BMC

Fatalities


700
600
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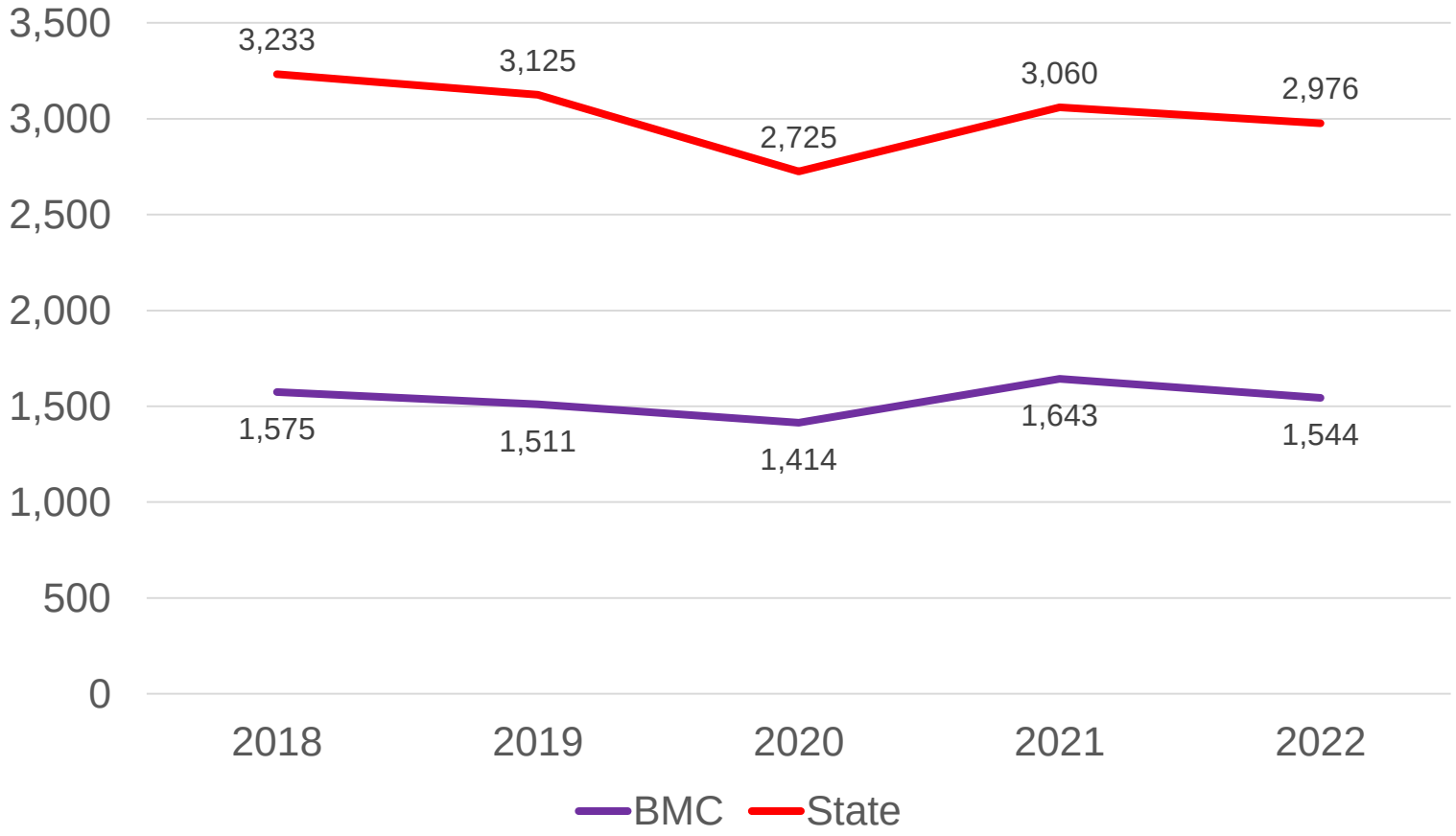
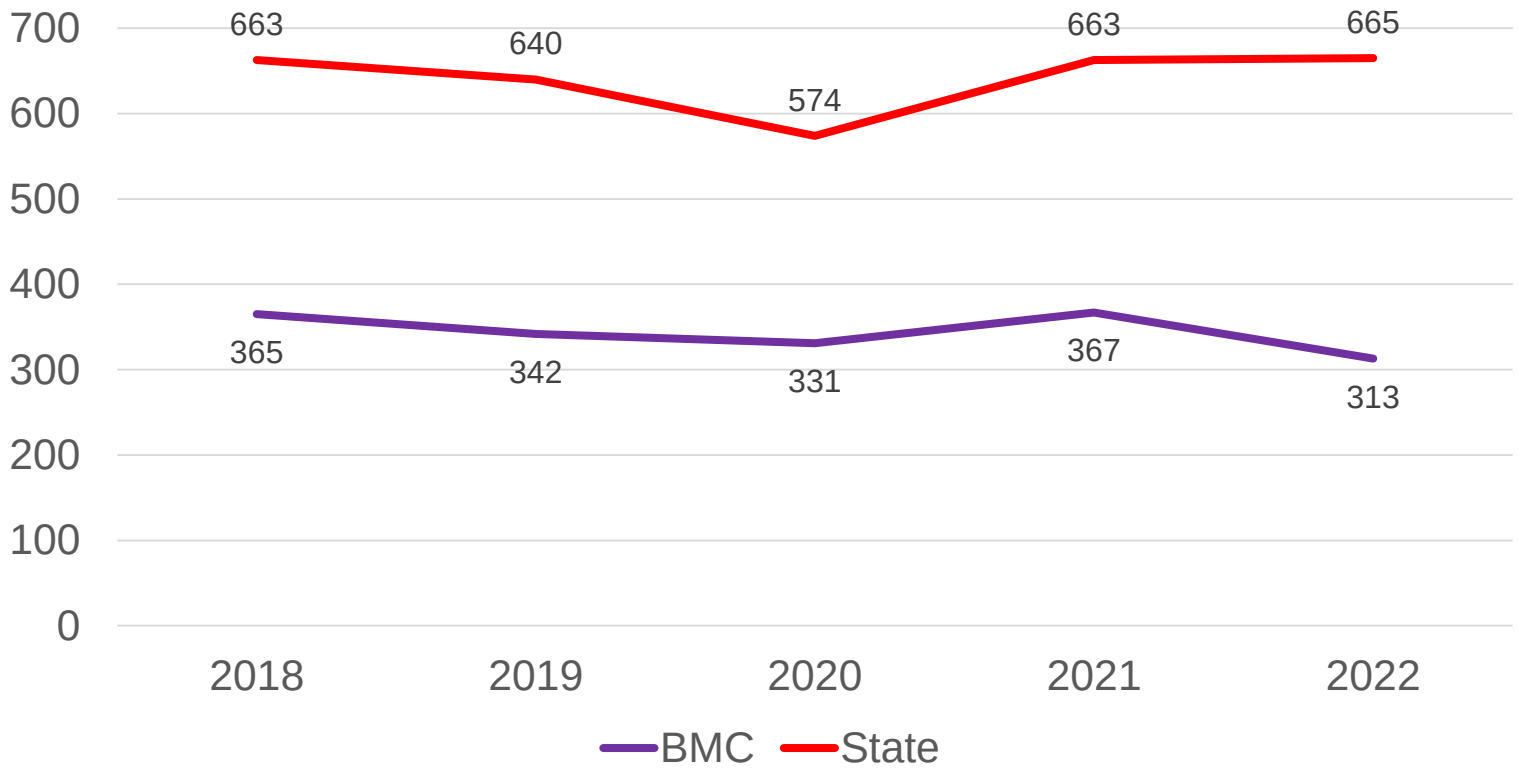
0
512
535
573
563
565
222
208
248
227
223
2018
2019
2020
2021
2022
BMC
State

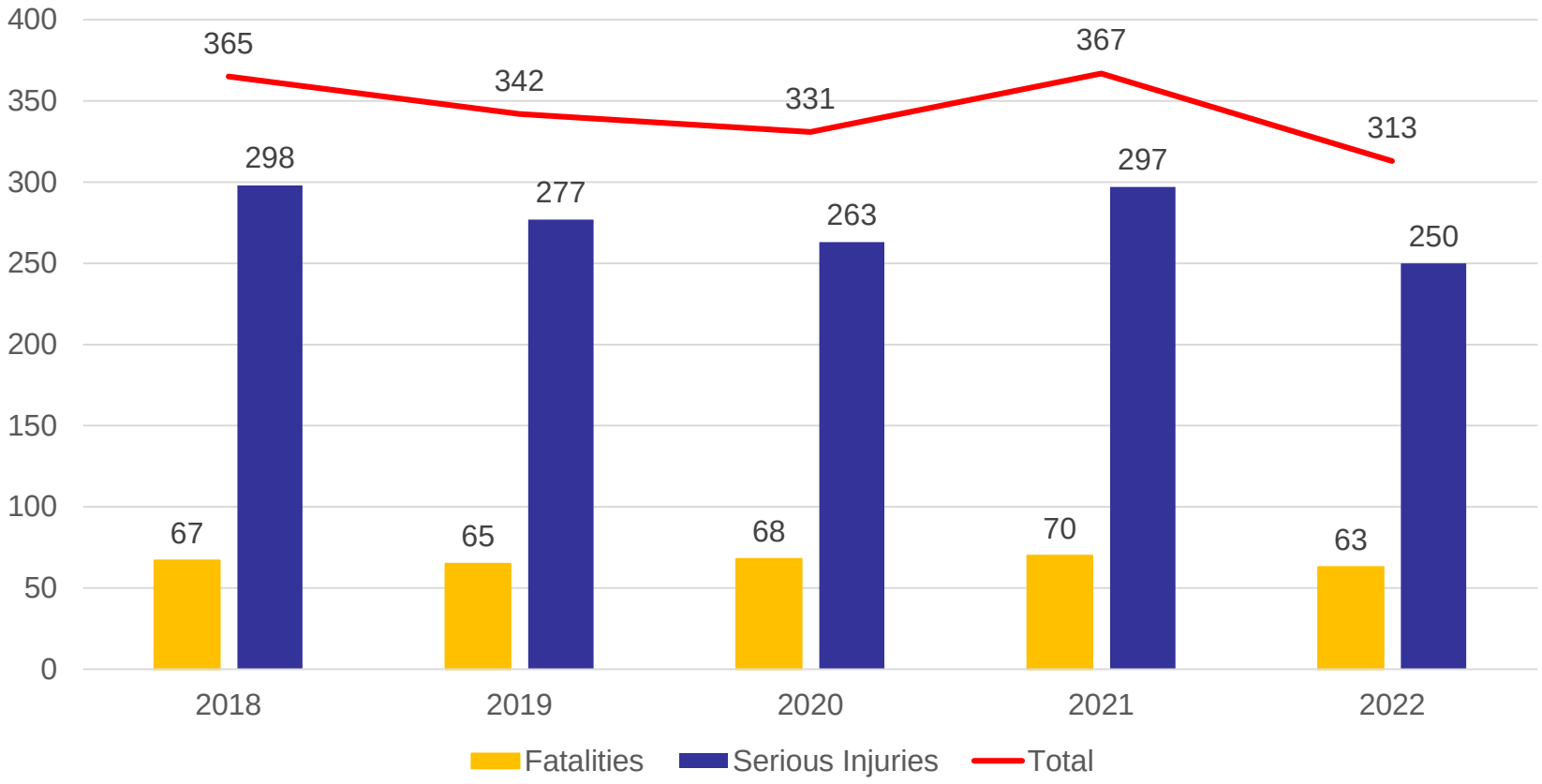
Serious Injuries



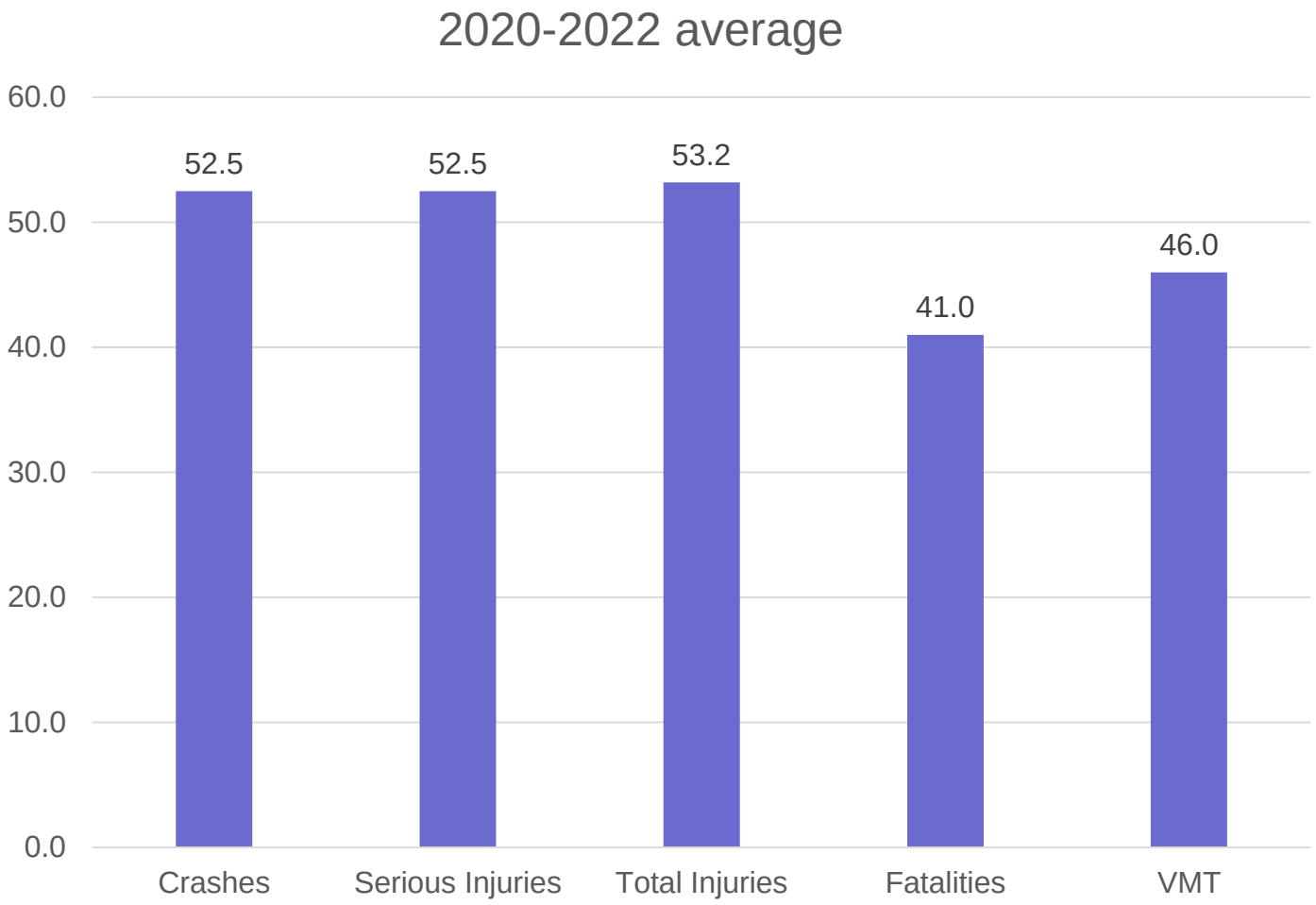
Non-motorist Fatalities and Serious Injuries



Non-motorized Serious Injuries and Fatalities (BRTB region)



BRTB Percent of State



BRTB Target-Setting Process

- **Follow Maryland methodology**
  - Exponential forecast from 2005-2009 average
  - Annual 2% reduction in cases of increasing trends
  - Single year target is midpoint of five-year average (e.g. 2020 target = 2018-2022 average)
- **Set five targets specific to the BRTB region**
- **Updated targets to be approved no later than February 29, 2024**
  - Incorporate new year of data into five–year rolling averages

For Resolution #24-10

Baltimore Region Yearly Highway Safety Targets

Performance Measure	2005-2009 Baseline	2021 Actual	2022 Actual	Change 2021-2022	2020-2024 Target	2030 Goal
Number of Fatalities	244	227	223	↓ 1.76%	216	211
Number of Serious Injuries	2,094	1,638	1,544	↓ 5.74%	1,315	1,167
Fatality Rate per 100 Million VMT	0.94	0.87	0.85	↓ 2.30%	0.81	0.78
Serious Injury Rate per 100 Million VMT	8.06	6.30	5.90	↓ 6.35%	4.86	4.21
*Number of Non-motorized Fatalities & Serious Injuries	290	367	313	↓ 14.71%	329	280

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

Exceeded 2020-2024 target in 2022

Preliminary 2023 Fatalities

Total Fatalities					
	2019	2020	2021	2022	2023
Anne Arundel Co	42	49	39	45	43
Baltimore City	49	68	48	45	41
Baltimore Co	60	63	78	66	84
Carroll Co	14	16	7	9	12
Harford Co	17	17	18	21	24
Howard Co	23	29	33	29	23
Queen Anne's Co	3	6	4	4	10
Whole Region	208	248	227	223	237
Maryland	535	573	563	565	586
as of 12/14/23					

For More Information

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