

Safety Performance Measures Target Setting Update

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Safety Targets

Context:

- USDOT's Safety Performance Management regulation requires State DOTs and MPOs to set targets for 5 safety performance measures
 1. Number of fatalities
 2. Rate of fatalities
 3. Number of serious injuries
 4. Rate of serious injuries
 5. Number of non-motorized fatalities and non-motorized serious injuries
- The 5 performance targets are based on 5-year rolling averages

Target Setting

Process:

- GDOT's targets are due to FHWA by August 31 each year
- ARC needs to establish targets or concur with the state within 180 days of GDOT reporting its targets + report in RTP or TIP Amendment
 - ◆ February 27 of the next year

Current Status:

- We have agreed with state targets in the past, but heard TCC, TAQC, RSTF encouragement to establish our own
- ARC can update our targets administratively, but we still want policy guidance and consensus from our committees

2022 GDOT Statewide Safety Targets

Performance Criteria	2021 Target	2022 Target
Fatalities	1,715	1,671
Serious Injuries	6,407	8,443
Fatality Rate	1.230	1.210
Serious Injury Rate	4.422	4.610
Non-Motorized Fatalities and Serious Injuries	686.5	739

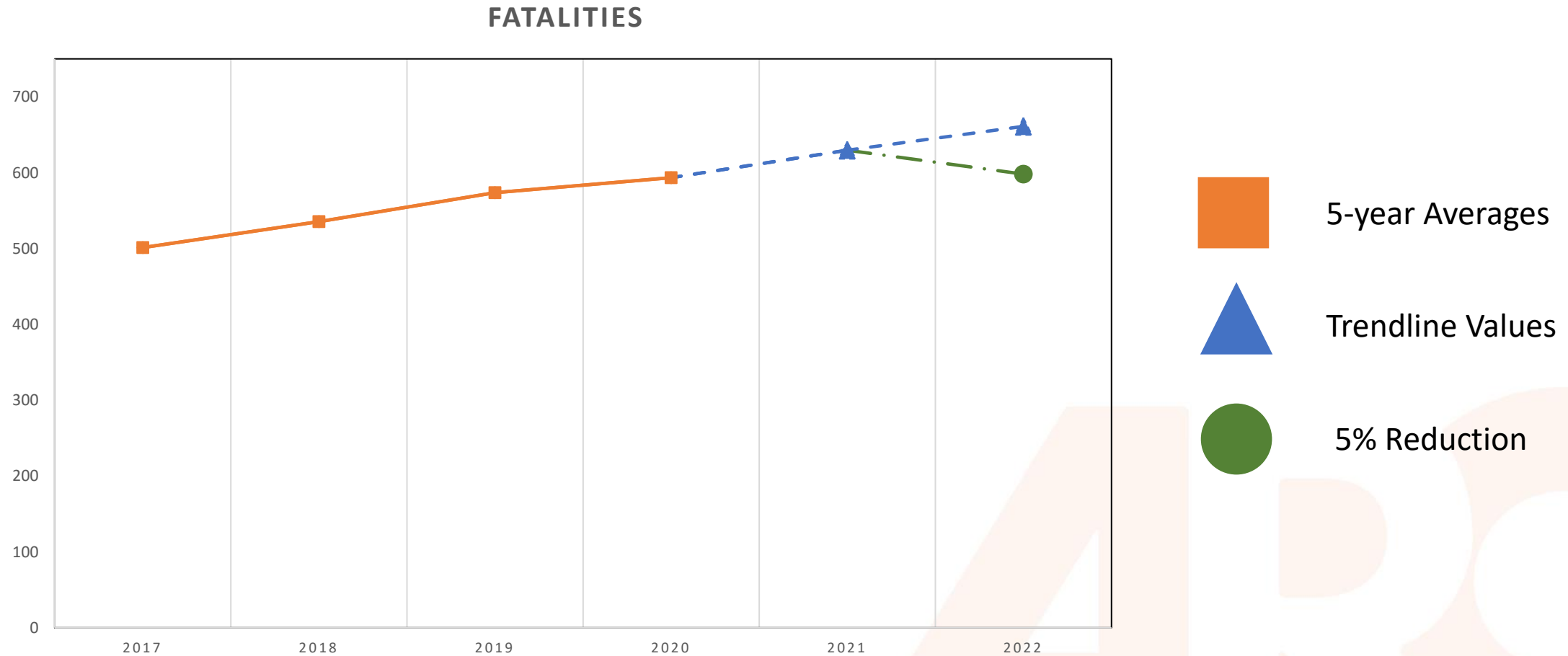
2022 ARC Safety Targets Proposal

Performance Criteria	2022 Target State	2022 Target ARC*
Fatalities	1,671	598
Serious Injuries	8,443	2,949
Fatality Rate	1.210	.987
Serious Injury Rate	4.610	4.866
Non-Motorized Fatalities and Serious Injuries	739	387

*These ARC targets represent:

- Crash data from just MPO region
- 5% reduction across the line from previous year

Fatality Trendline Examples



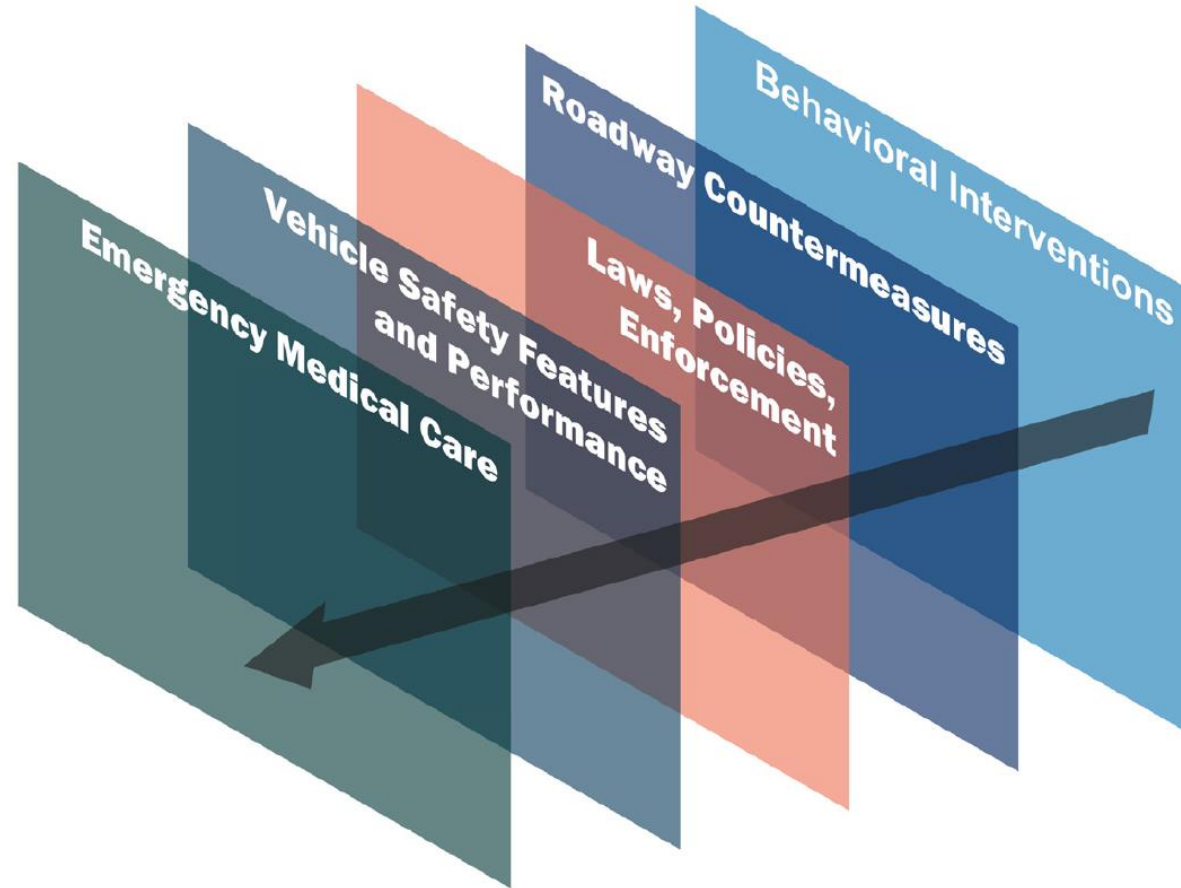
What this means for ARC?

- No penalty if we do not meet these targets
- Use these targets as benchmarks for self accountability
- Better understand how current projects/programs are affecting safety outcomes
- Inform further development of Regional Safety Strategy
- Better align with USDOT National Roadway Safety Strategy

National Roadway Safety Strategy

- US DOT strategy to improve transportation safety on nation's roads and streets
- Federal acknowledgement of rising transportation deaths and injuries
- Adoption of Vision Zero and Safe Systems approach

All layers of a Safe System Approach are critical.



Statewide and ARC Safety Performance

Statewide	2016	2017	2018	2019	2020
Number of fatalities	1,556	1,540	1,504	1,491	1,551
Number of serious injuries	5,206	5,370	6,401	7,308	6,382
Fatality rate (per HMVMT)	1.299	1.25	1.17	1.155	1.242
Serious injury rate (per HMVMT)	4.347	4.359	4.979	5.663	5.101
Non Motorized Fatalities & Serious Injuries	557	644	630	702	665

ARC	2016	2017	2018	2019	2020
Number of fatalities	564	581	607	592	623
Number of serious injuries	2,127	2,344	2,849	3,367	3,573
Fatality rate (per HMVMT)	0.963	0.982	1.015	0.933	1.109
Serious injury rate (per HMVMT)	3.630	3.962	4.765	5.306	6.363
Non Motorized Fatalities & Serious Injuries	378	434	386	411	341

Total Crashes each Year

	2013	2014	2015	2016	2017	2018	2019	2020
State	327,262	329,750	381,986	405,315	404,502	402,377	404,004	331,796
ARC	183,045	186,953	213,074	242,890	245,573	241,779	243,733	166,739
	56%	57%	56%	60%	61%	60%	60%	50%

ARC has ranged from 45-50% of the state's VMT and roughly 50% the state's population over these years
The region is overrepresented on number of crashes by those comparisons