Safety Update

February 7th, 2020

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Agenda

01 Summary: Regional Safety Task Force in 2019

02 Update: ARC's 2020 Safety Targets

03 Update: Forthcoming Regional Safety Strategy

01 | Summary: RSTF in 2019

REGIONAL SAFETY TASK FORCE

- Convened quarterly
- Average of 33 members joined us for each meeting
- Diverse body of members:

  [City of Atlanta, MARTA, GDOT, GRTA/SRTA/ATL, MADD, PEDS, Georgia Bikes, FHWA, Georgia Department of Public Health, Safe States Alliance, ABC, Safe Routes to School, AARP, Emory, engineers and planners from consulting firms, and county, city, and CID staff]

- In Q1/Q2 we created a work plan for the year, agreed to meeting ground rules, and approved a vision statement

01 | Summary: RSTF in 2019

The Regional Safety Task Force envisions travel in the Atlanta region by any mode will be **safe**, accessible, and convenient, **especially for the most vulnerable** road users. Community and agency partners will collaborate to **eliminate traffic-related fatalities and serious injuries** through the use of **context-sensitive** and **health-focused design**, **data-driven decision making**, **robust funding** levels, and **innovative technology** solutions to ensure **safe and equitable mobility for everyone** in the Atlanta region.

01 | Summary: RSTF in 2019

- In Q3/Q4 we hosted presenters from MARTA, GDOT, The ATL, CIDs
- RSTF members:
  - Provided feedback on TIP Project Evaluation Framework, specifically the safety criteria
  - Weighed in on the 2020 safety target setting process

- All materials can be found on our website:

  https://atlantaregional.org/transportation-mobility/boards-and-committees/regional-safety-task-force/

01 | Summary: RSTF in 2019

REGIONAL SAFETY TASK FORCE

Looking ahead in 2020:

- Explore possibility of recording meetings
- Host video presentations to tap in to national expertise
- Extend our call for members
- Distribute survey asking members for 2020 agenda items that they would like to see
  - Spur active learning over passive listening; add value and usefulness as a group so that we are not simply a mechanism of ARC and for ARC

01 | Summary: RSTF in 2019

2020 Meeting Dates:

- April 1st @ ARC
- June 17th @ ARC
- September 9th @ GDOT (pending)
- December 16th @ ARC

Meetings are from 10 AM – 12 PM

Register on our website:

https://atlantaregional.org/transportation-mobility/boards-and-committees/regional-safety-task-force/

02 | **Update:** ARC's 2020 Safety Targets

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  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

02 | **Update:** ARC's 2020 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

02 | **Update:** ARC's 2020 Safety Targets

Process:

- MPOs establish their targets by:
  A. Concurring with State DOT targets
  B. Establishing targets for the metropolitan planning area
  C. Both A & B

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  B. Establishing targets for the metropolitan planning area
  C. Both A & B

- Option A is what ARC has done in the past

02 | **Update:** ARC's 2020 Safety Targets

A. If ARC concurs with GDOT Targets, we would…

- Work with GDOT to address areas fatalities and serious injuries
- Coordinate with GDOT to include the safety targets in the RTP
- Integrate safety goals, objectives, performance measures, and targets described in other GDOT transportation plans into the RTP
- Describe the anticipated effect of the TIP toward achieving the targets in the RTP

02 | **Update:** ARC's 2020 Safety Targets

A. If ARC concurs with GDOT Targets, we would…	B. If ARC establishes MPO-Specific Targets, we would…
• Work with GDOT to address areas fatalities and serious injuries • Coordinate with GDOT to include the safety targets in the RTP • Integrate safety goals, objectives, performance measures, and targets described in other GDOT transportation plans into the RTP • Describe the anticipated effect of the TIP toward achieving the targets in the RTP	• Coordinate with GDOT to establish targets • Estimate VMT for all public roads within ARC for rate targets • Coordinate with GDOT to include the safety targets in the RTP • Integrate safety goals, objectives, performance measures, and targets described in other GDOT transportation plans into the RTP • Describe the anticipated effect of the TIP toward achieving the targets in the RTP

02 | **Update:** ARC's 2020 Safety Targets

Process:

- GDOT's targets are due to FHWA by August 31 each year
- ARC needs to establish targets within 180 days of GDOT reporting its targets
  - February 27 of each year

02 | Update: ARC's 2020 Safety Targets

Process + Ramifications:

GDOT's Targets

Reported to FHWA via HSIP Annual Report.
FHWA assesses if GDOT is making significant progress toward meeting targets.

ARC's Targets

Reported to GDOT via memo.
FHWA does not assess if ARC is making significant progress towards meeting targets.

02 | Update: ARC's 2020 Safety Targets

GDOT's Target Setting Methodology:

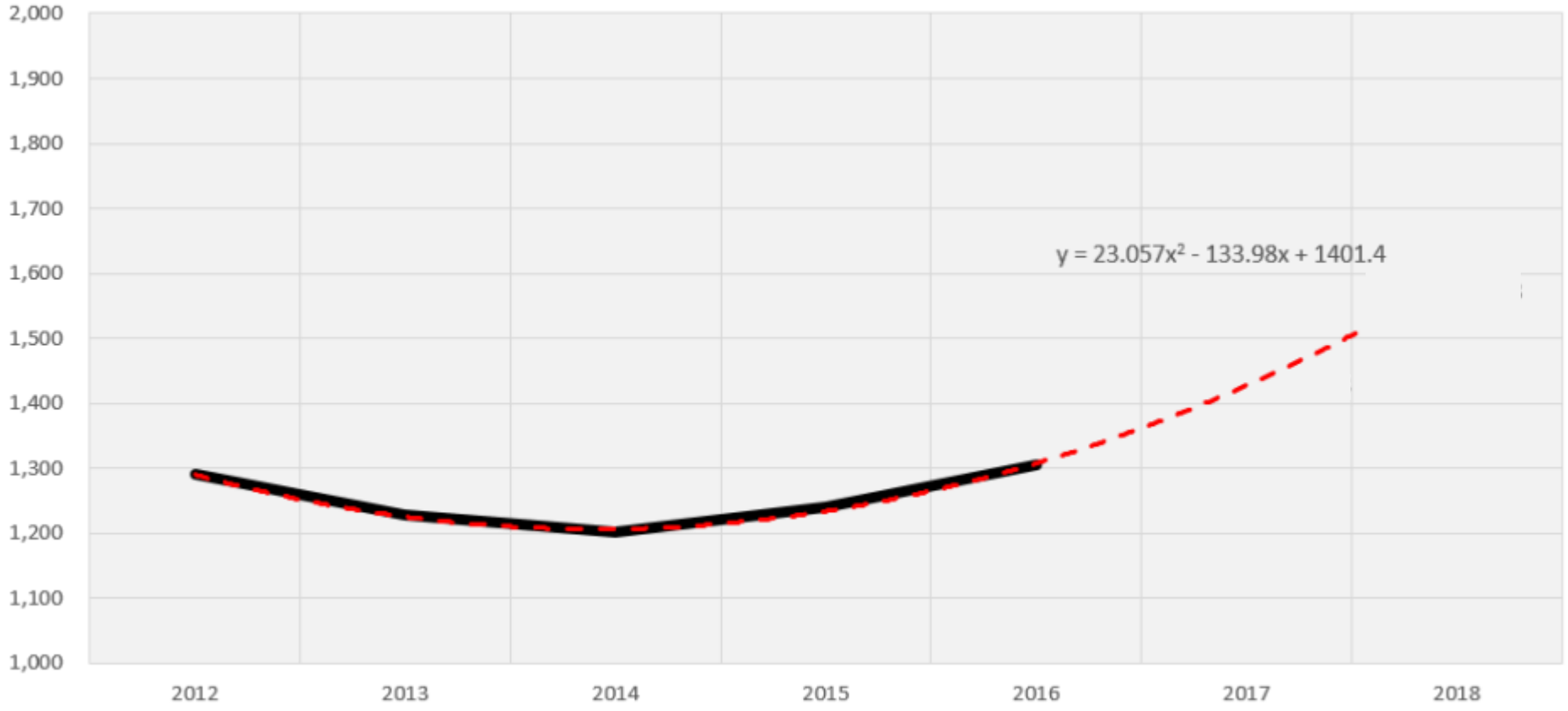
- GDOT's methodology for setting targets is to follow a projection or trend line exactly
- Difficult to untangle "target" versus "trend"
- But both ARC + GDOT can set a target that does not follow a trend line

Year	2008	2009	2010	2011	2012	2013	2014	2015	2016	* 2017
Traffic Fatalities	1,495	1,292	1,247	1,226	1,192	1,180	1,164	1,435	1,560	
Projected Fatalities										1,884

2017 Example

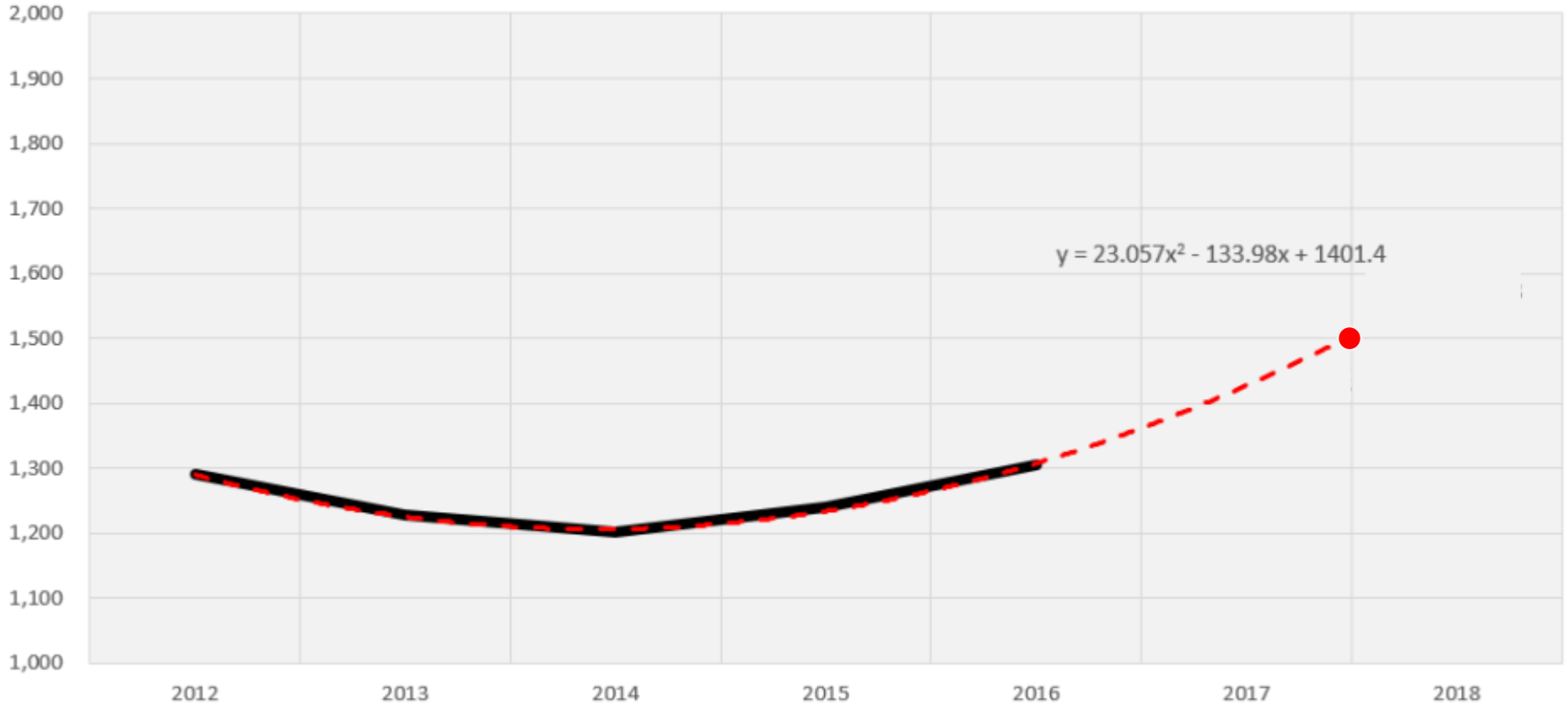
02 | Update: ARC's 2020 Safety Targets

GDOT's Target Setting Methodology – Trend Line:



02 | Update: ARC's 2020 Safety Targets

GDOT's Target Setting Methodology – Trend Line:



Target = Trend Line

02 | **Update:** ARC's 2020 Safety Targets

- Last year there was concern from both ARC staff and TCC/TAQC over concurring with GDOT's rising targets
  (trend line)
- This prompted ARC staff to explore setting MPO-specific targets

02 | **Update:** ARC's 2020 Safety Targets

For 2020 safety targets, the consensus among RSTF members and ARC staff is that ARC should proceed with:

A. Concurring with State DOT targets
B. Establishing targets for the metropolitan planning area
C. Concurring with GDOT's targets and establishing targets for the metropolitan planning area

02 | **Update:** ARC's 2020 Safety Targets

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C. Concurring with GDOT's targets and establishing targets for the metropolitan planning area

What does this mean?

02 | Update: ARC's 2020 Safety Targets

In 2020, ARC will:

1. Concur with GDOT's targets
2. Develop targets specific to 20-county MPO following GDOT's methodology

02 | **Update:** ARC's 2020 Safety Targets

- In the future, post-Regional Safety Strategy, ARC may decide to develop their own target setting methodology

- We are in good company: Milwaukee, St. Louis, Denver, Kansas City, Fresno, Minneapolis-St. Paul, and Portland MPOs have all already set their own targets. More MPOs are choosing to do the same this year

- Common reasons: MPOs want to effectively track and reflect conditions specific to the metro area; take a more aggressive or Vision Zero approach

02 | Update: ARC's 2020 Safety Targets

Federally Required Performance Measures	GDOT's 2020 Statewide Targets
Number of Fatalities	1,698
Rate of Fatalities (per 100 million VMT)	1.28
Number of Serious Injuries	24,094
Rate of Serious Injuries (per 100 million VMT)	21.8
Number of Non-Motorized Fatalities and Serious Injuries	1,163

02 | Update: ARC's 2020 Safety Targets

Federally Required Performance Measures	GDOT's 2020 Statewide Targets	2020 Atlanta Region Target
Number of Fatalities	1,698	736
Rate of Fatalities (per 100 million VMT)	1.28	1.17
Number of Serious Injuries	24,094	10,473
Rate of Serious Injuries (per 100 million VMT)	21.8	15.61
Number of Non-Motorized Fatalities and Serious Injuries	1,163	656

02 | Update: ARC's 2020 Safety Targets

Federally Required Performance Measures	GDOT's 2020 Statewide Targets	2020 Atlanta Region Target	Region's Share
Number of Fatalities	1,698	736	43%
Rate of Fatalities (per 100 million VMT)	1.28	1.17	
Number of Serious Injuries	24,094	10,473	44%
Rate of Serious Injuries (per 100 million VMT)	21.8	15.61	
Number of Non-Motorized Fatalities and Serious Injuries	1,163	656	56%

Comments? Questions?

03 | Update: Forthcoming Regional Safety Strategy

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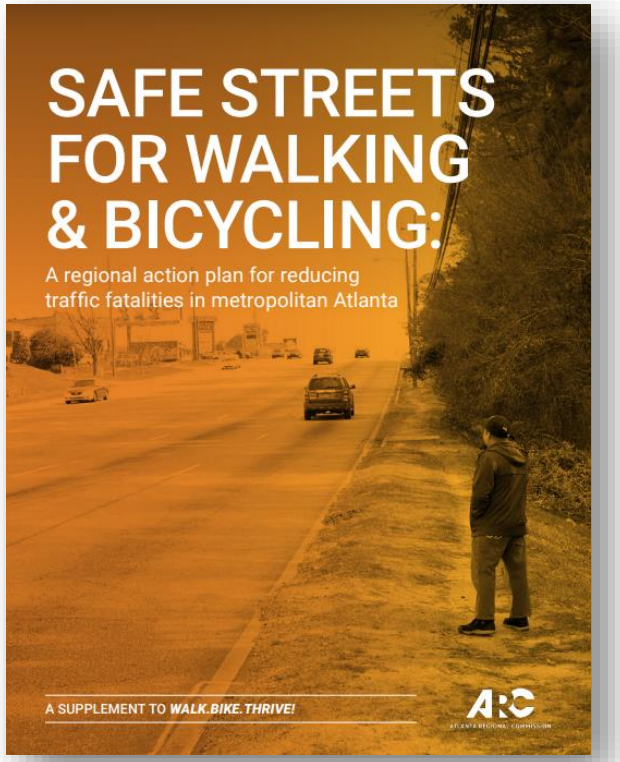


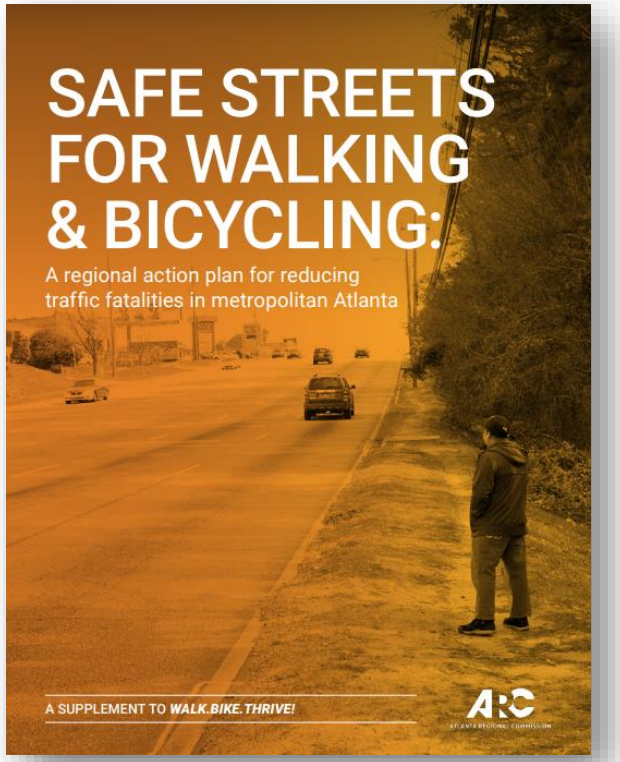
Why?

- Need for interim goals and metrics for assessing crash types
- Need for policy framework and target to orient funding and procedures

Regional Safety Strategy will be:

- Based on the framework developed in *Safe Streets*
- Guided by the Regional Safety Task Force + Transportation Equity Advisory Group

03 | Update: Forthcoming Regional Safety Strategy



Central outcomes:

- Review national best practices
- Assess current safety conditions
- Determine systemic safety factors
- Identify high-crash corridors and disproportionately impacted communities
- Recommend improvements to ARC's planning, policies, and practices