



**FORWARD  
PINELLAS**  
Integrating Land Use & Transportation

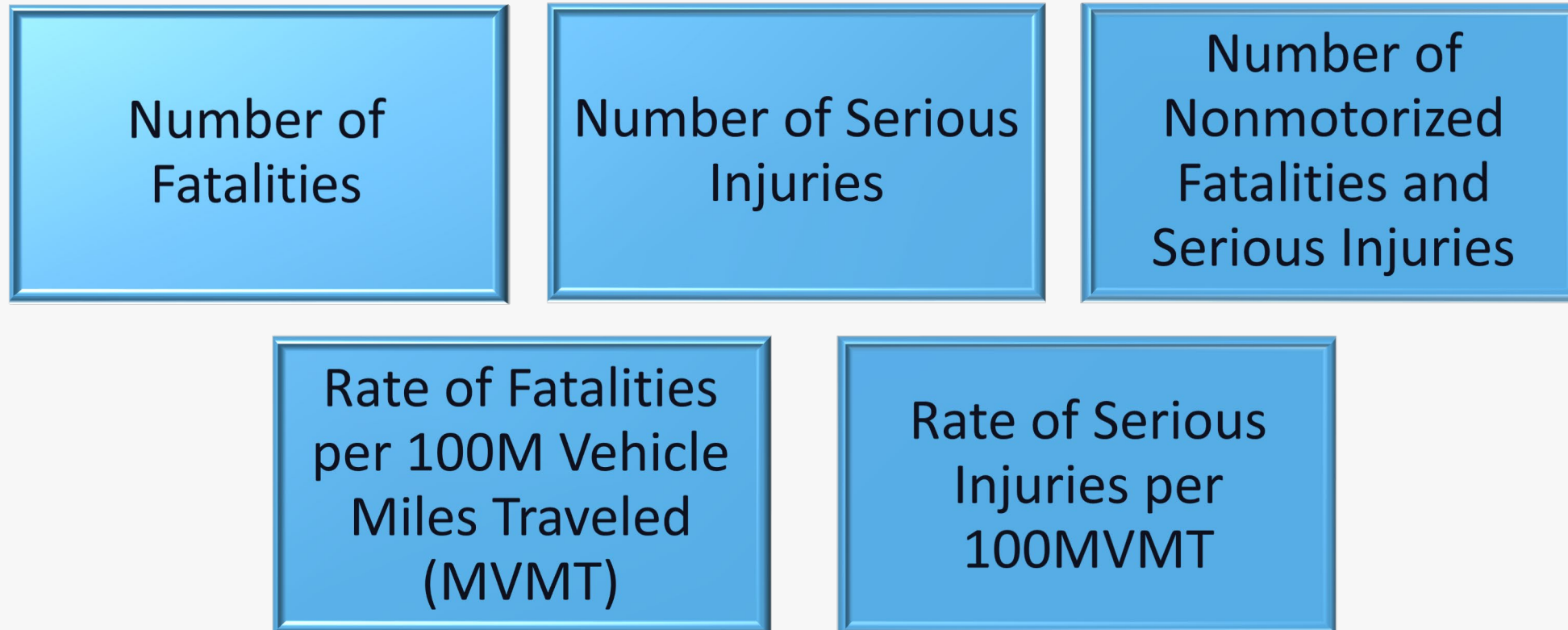
# Safety Performance Measures and Targets

February 2023



# Performance Management Measures for the Highway Safety Improvement Program (HSIP)

With new data from 2021, all measures are calculated using a 5- year rolling average (2017-2021)



August 2022, FDOT declared all five state safety targets to be **ZERO** during CY2023\*



*\*State and MPO safety performance will be evaluated for the period between January 1, 2018 and December 31, 2018*



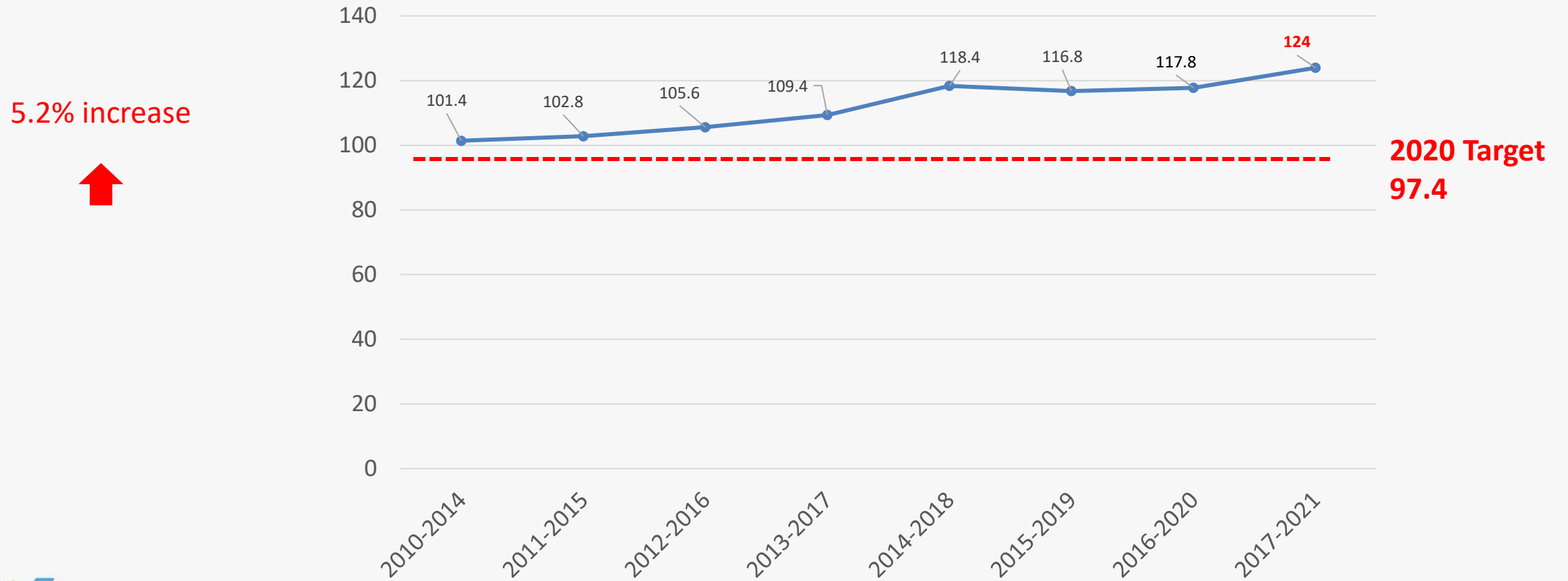
# 2017-2021 Average Annual Data

Performance Measures	2017-2021 Numbers	2021 Targets	% diff between 2017-2021 actual and target
Average Annual Fatalities	124	97.4	21.5%
Average Annual Serious Injuries	858.2	895.14	-4.3%
Average Annual Fatality Rates	1.501	1.18	21.4%
Average Annual Serious Injury Rates	10.354	10.55	-1.9%
Average Annual Pedestrian and Bicyclist Fatalities and Serious Injuries	211.8	206.6	2.5%



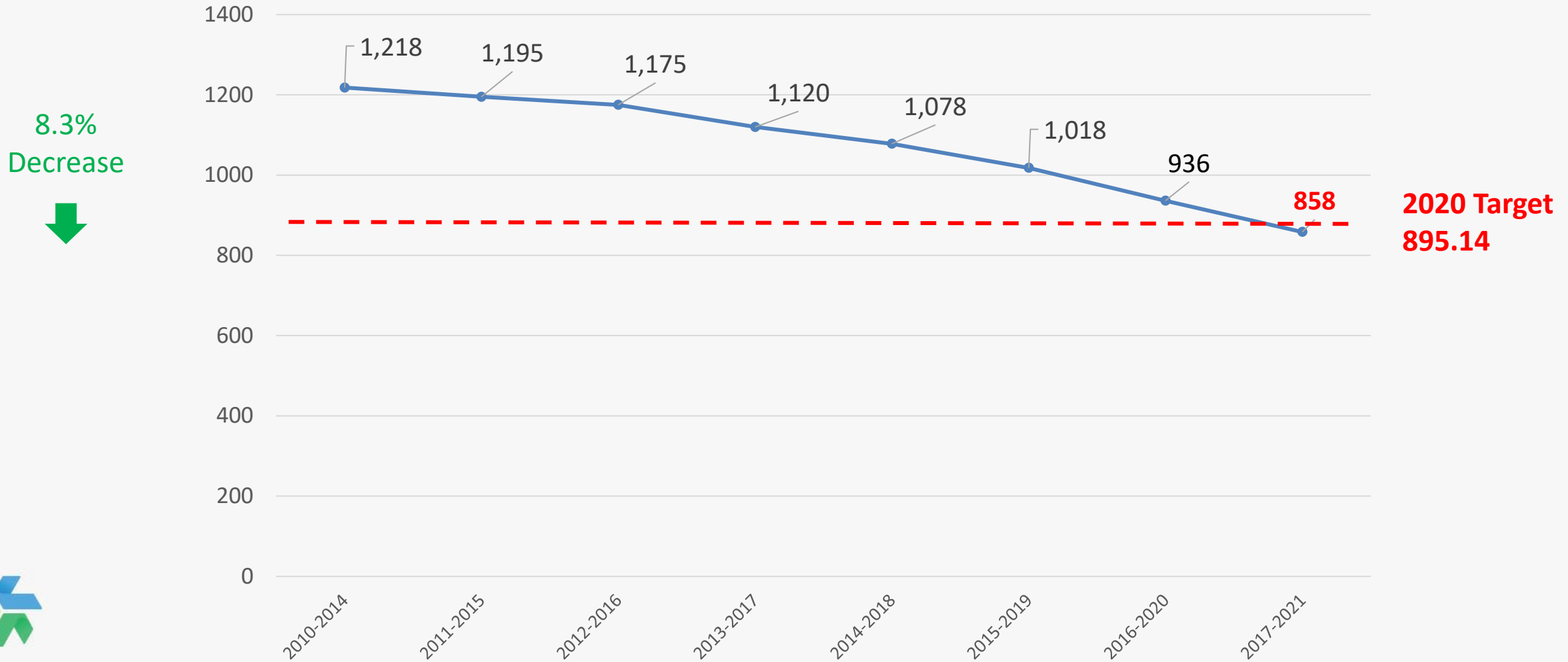
# Number of Fatalities (5-Year Average)

## Average Annual Fatalities



# Number of Serious Injuries

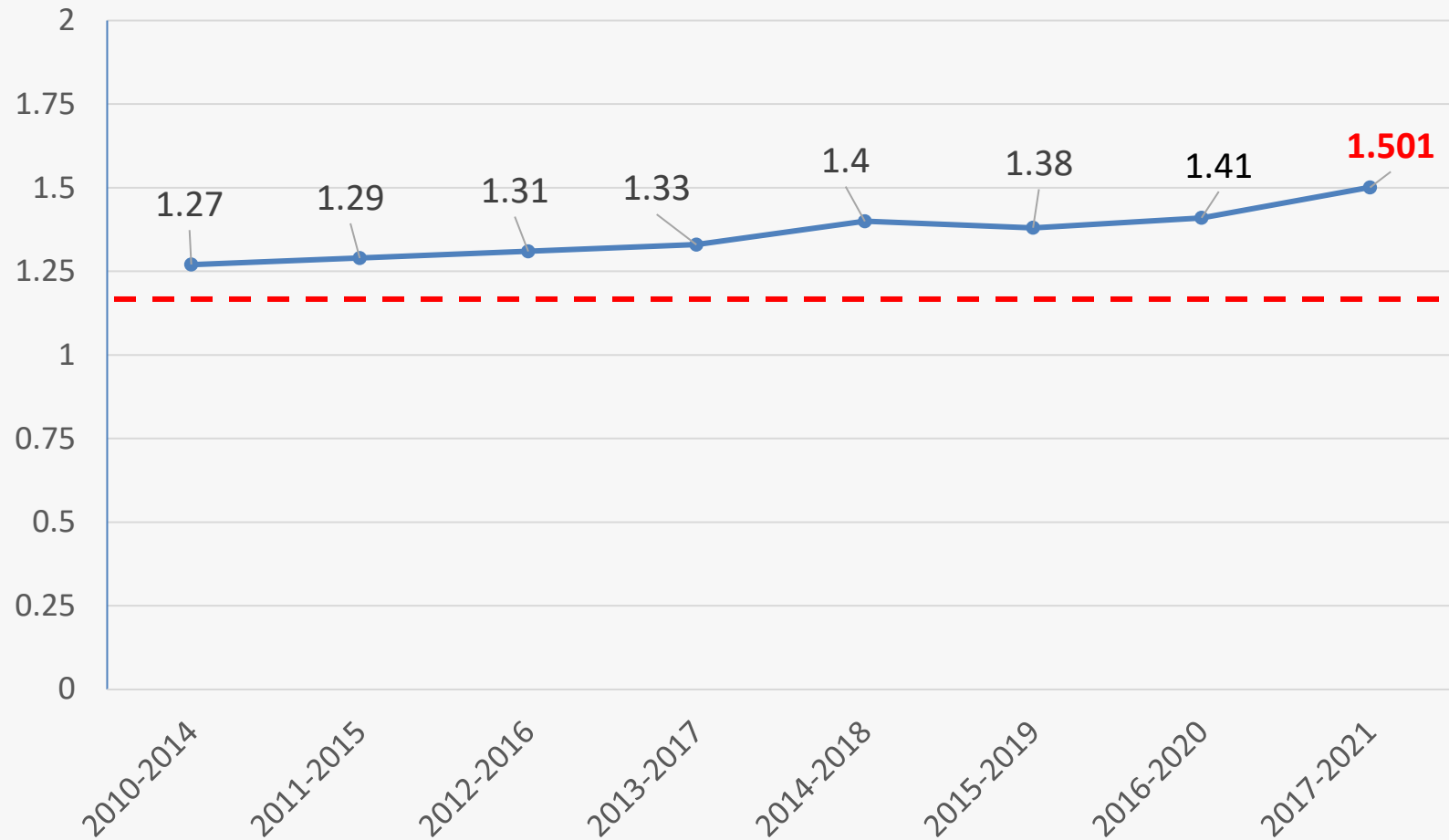
## Average Annual Serious Injuries



# Fatality Rate

## Average Annual Fatality Rates per 100M VMT

6.4% Increase

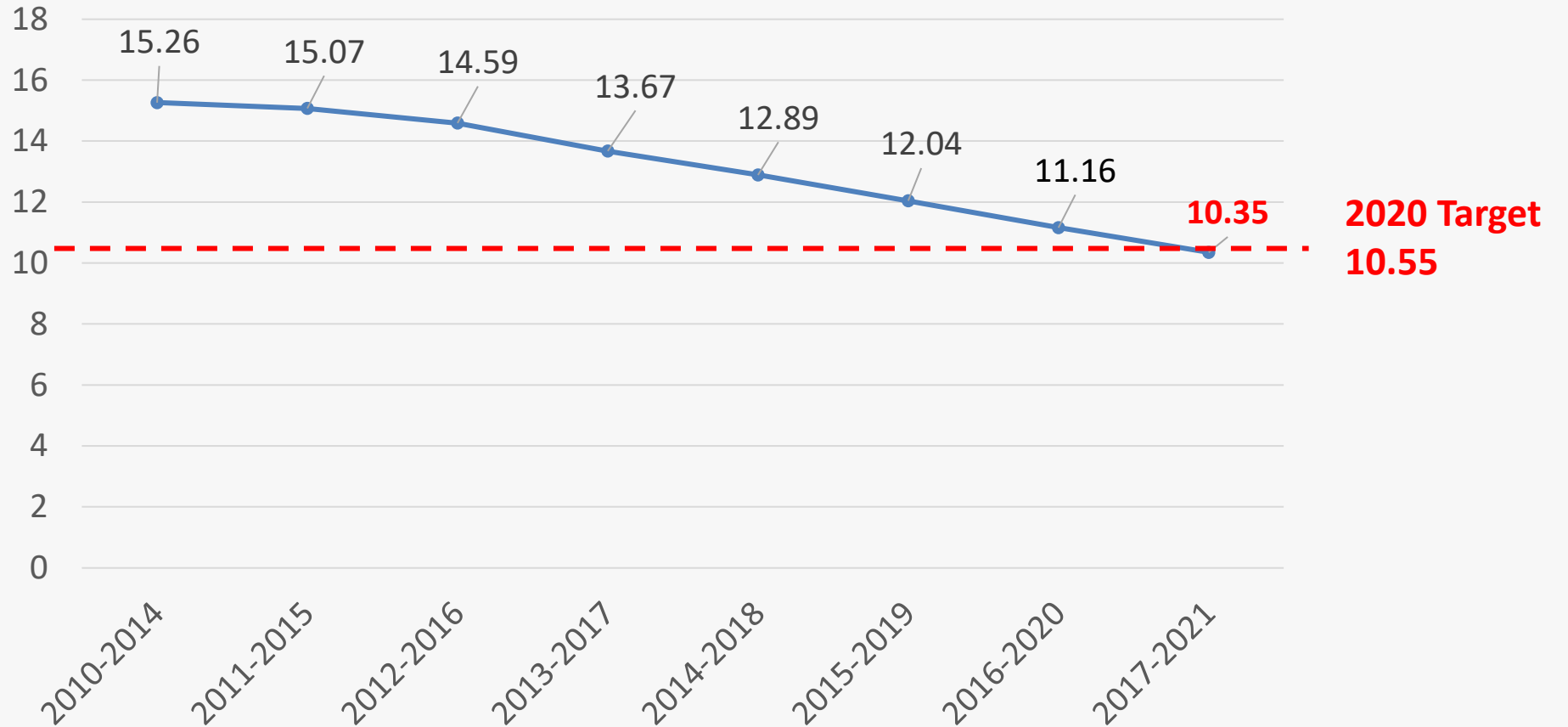


**2020 Target**  
**1.18**



# Serious Injury Rate

Average Annual Serious Injury Rates per 100M VMT



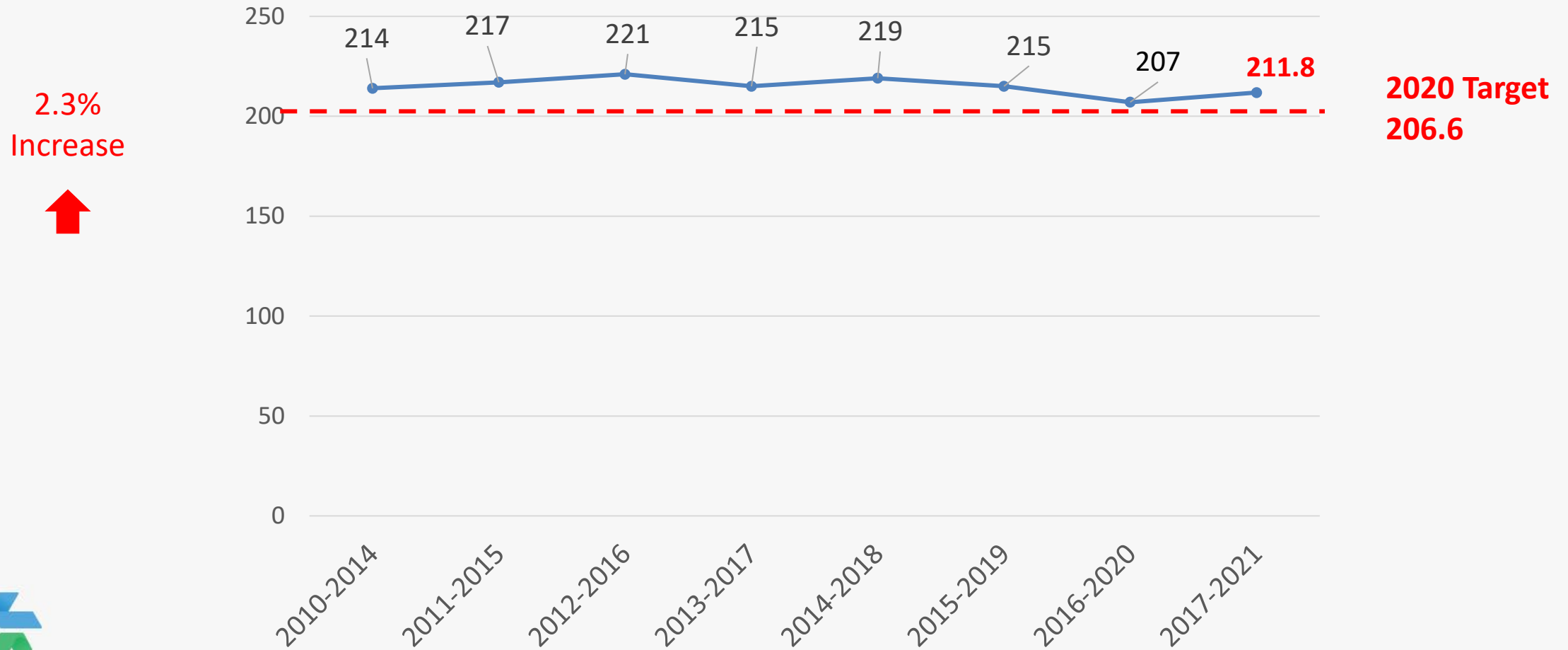
7.3% Decrease



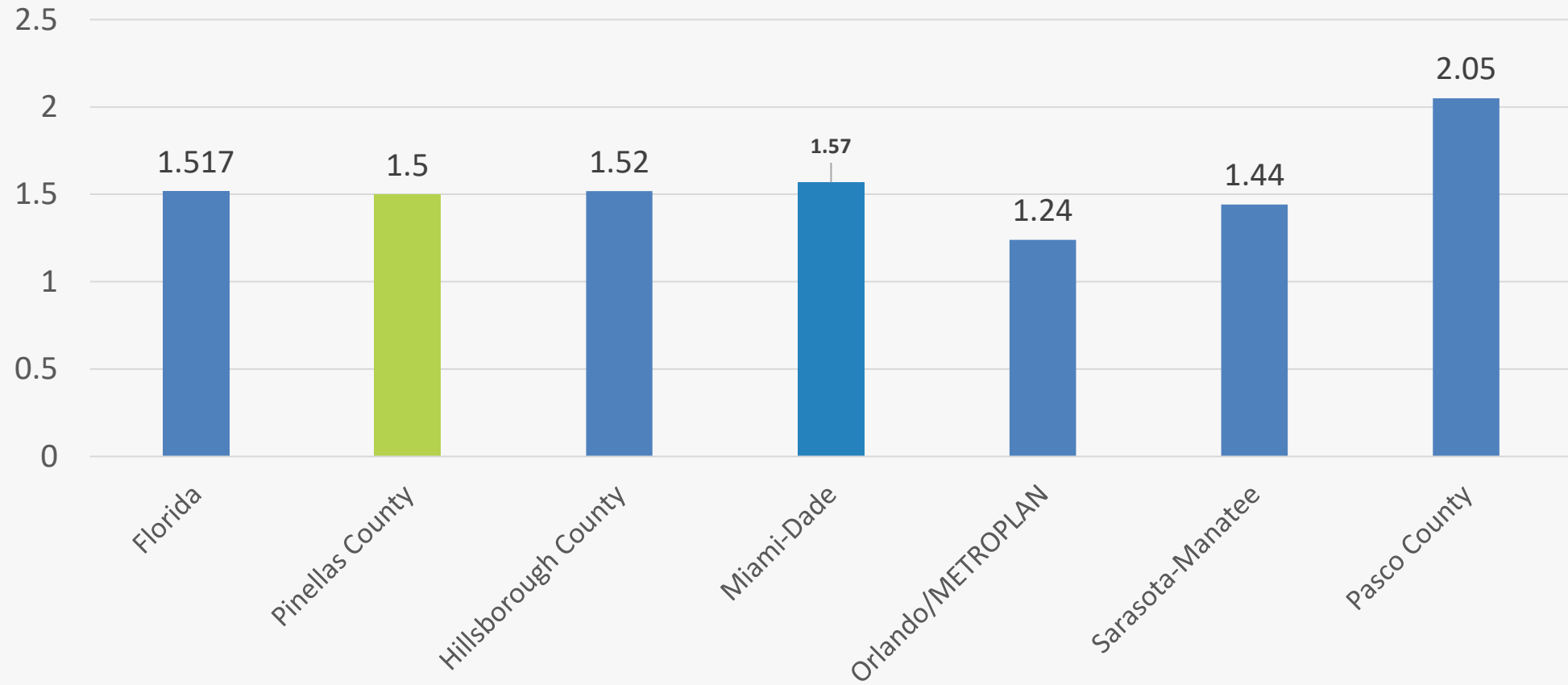


# Bike/Ped Serious Injuries and Fatalities

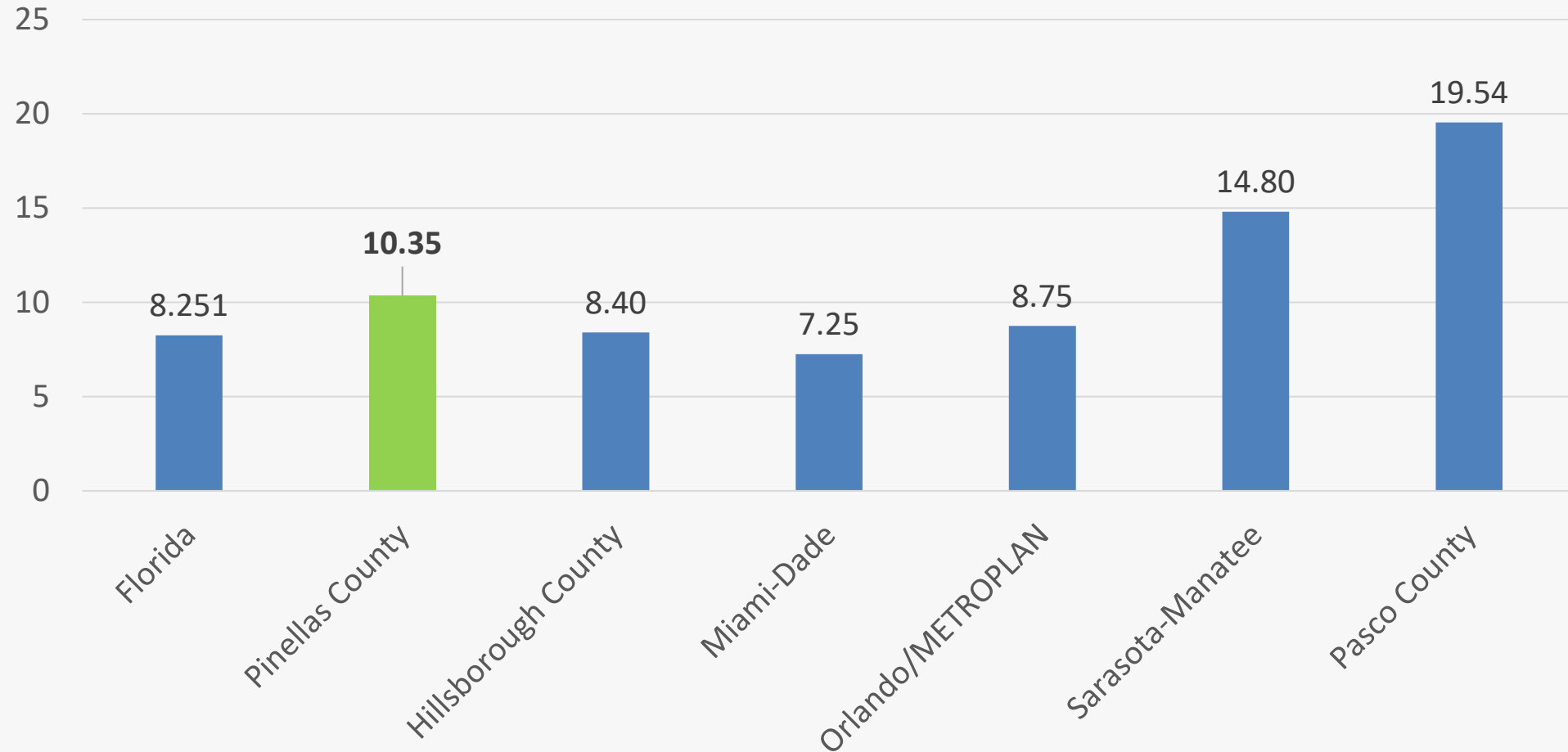
Average Annual Pedestrian and Bicyclist Fatalities and Serious Injuries



## 2021 Crash Fatality Rate (per 100M VMT) Comparison



## 2021 Serious Injury Rate (per 100M VMT) Comparison



# Staff Recommendation

- Retain targets set in 2022 for Fatalities and change targets for Serious Injuries
- Restate goal of zero fatalities on the transportation network
- Continue to monitor performance going forward

Performance Measures	2017-2021 Numbers	PROPOSED 2023 Targets	% diff between 2017-2021 actual and proposed target
↑ Average Annual Fatalities	124	97.4	21.5%
↓ Average Annual Serious Injuries	858.2	657.3	23.4%
↑ Average Annual Fatality Rates	1.501	1.18	21.4%
↓ Average Annual Serious Injury Rates	10.354	7.9	23.7%
↑ Average Annual Pedestrian and Bicyclist Fatalities and Serious Injuries	211.8	206.6	2.5%

