



# Safety Performance Measures 2022 Targets

February 2022 | TPA Committees



# What are we required to measure?

- **Safety – adopt annually**
- Bridge and Pavement Condition
- System Performance (Travel time reliability)
- Transit Asset Management
  - Tri-Rail
  - Palm Tran
- **Transit Safety – adopt annually**
  - **Palm Tran**



# Roadway Safety Targets



# Required Safety Measures

1. Number of fatalities
2. Rate of fatalities per 100 million VMT
3. Number of serious injuries
4. Rate of serious injuries per 100 million VMT
5. Number of non-motorized fatalities and serious injuries

VMT = Vehicle Miles Traveled

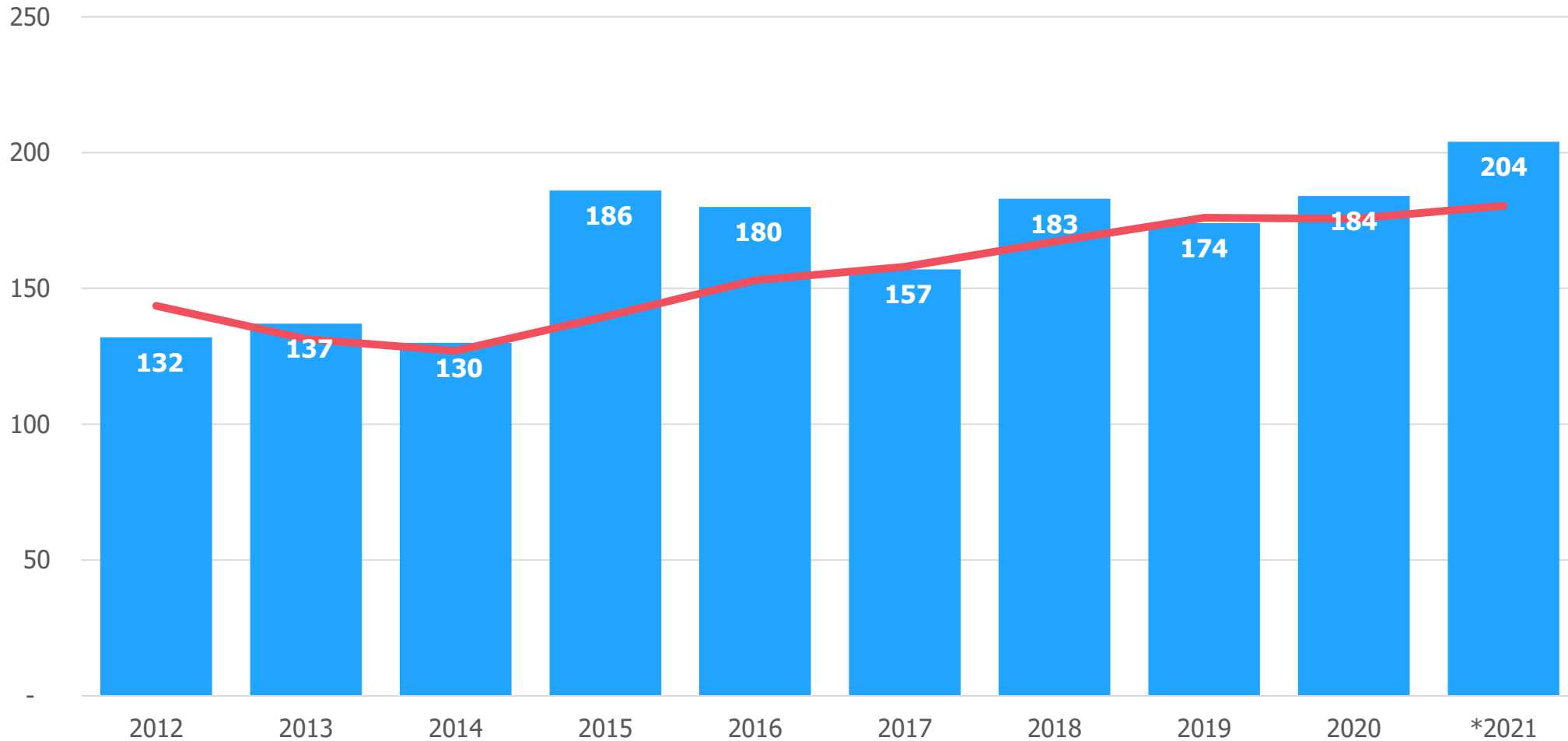


# Previous Targets

## Adopted targets of zero fatalities & serious injuries for 2018 - 2021

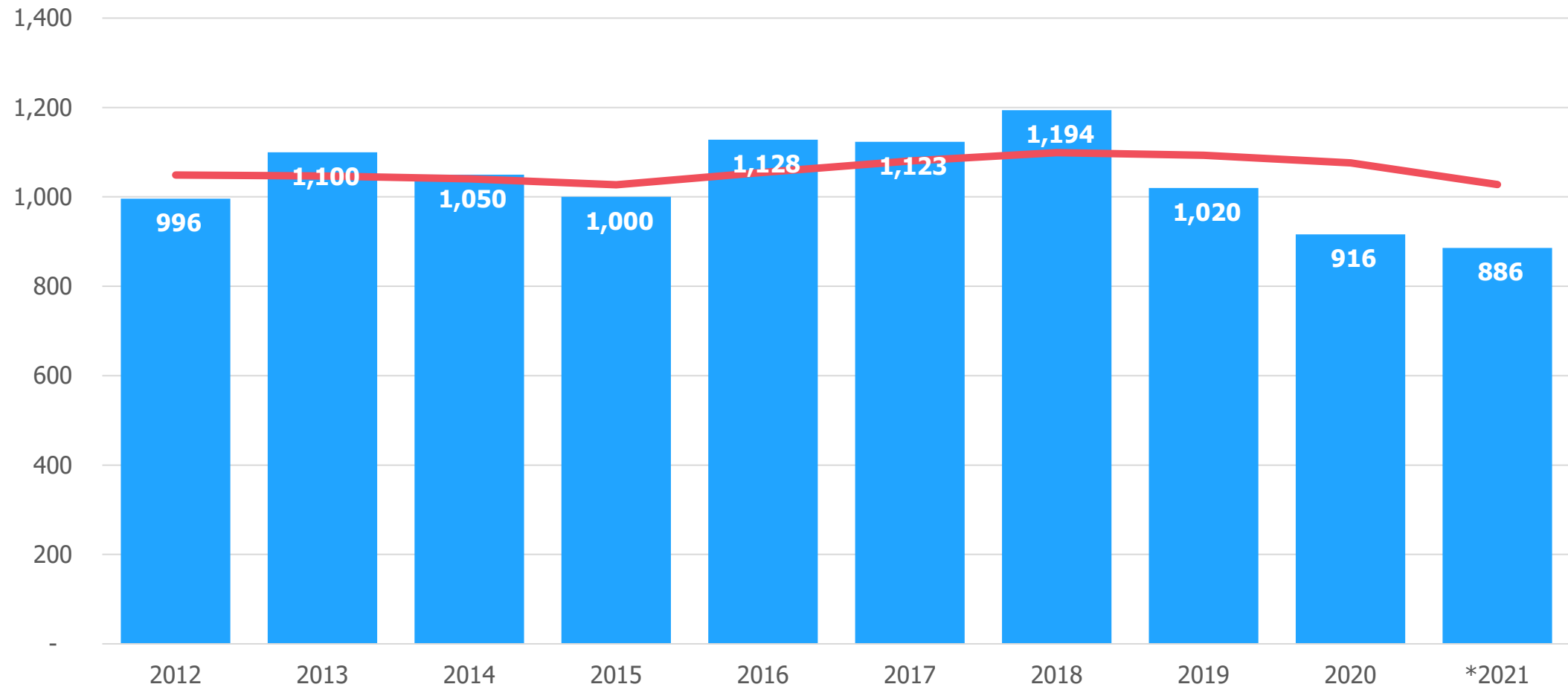
- FHWA: zero fatalities on our Nation's roadways is the only acceptable goal
- FDOT: Formally adopted targets of zero for 2018 – 2021
- Updated Vision Zero Action Plan in 2021. Progress report provided during Strategic Plan update in July.

# PBC Total Fatalities



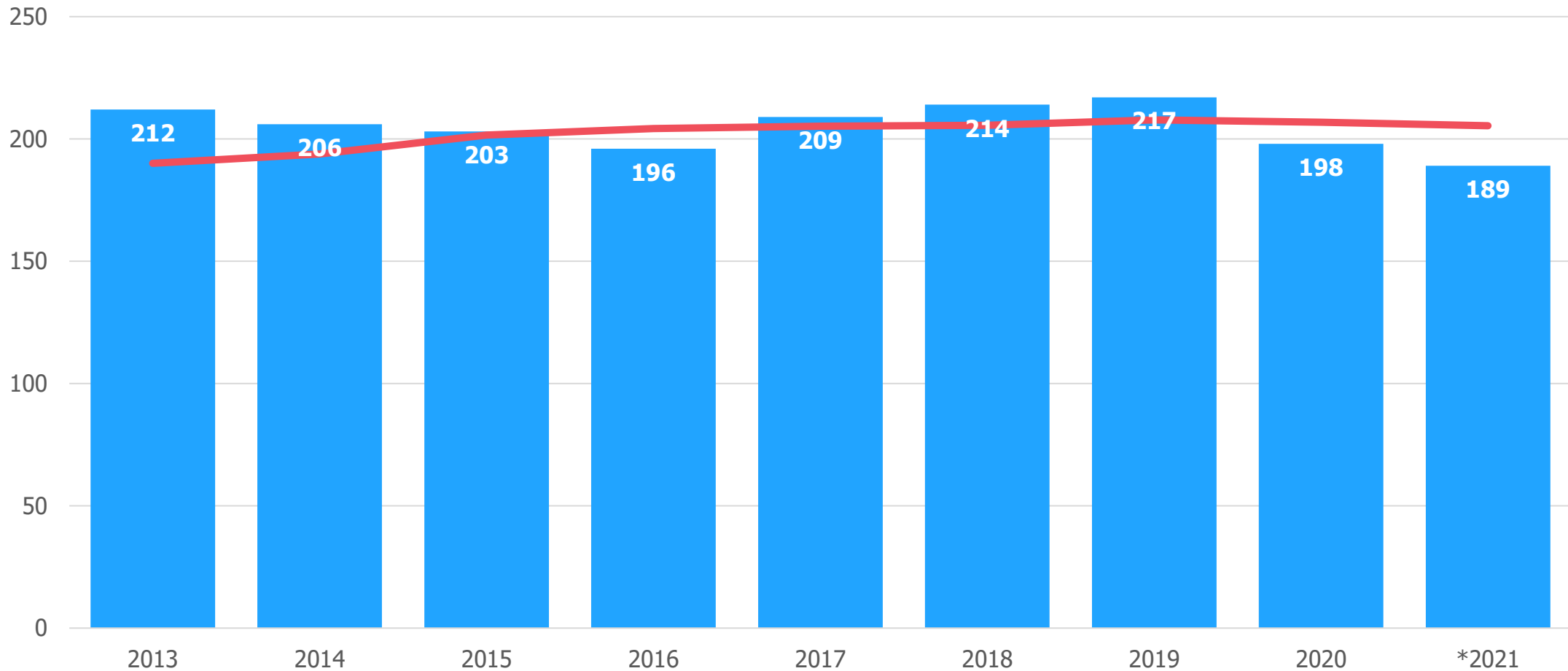
\*Preliminary safety data for 2021. Official data to be released December 2022

# PBC Total Serious Injuries



\*Preliminary safety data for 2021. Official data to be released December 2022

# PBC Total Pedestrian & Bicycle Fatalities & Serious Injuries



\*Preliminary safety data for 2021. Official data to be released December 2022



# Recommended 2022 Targets

Performance Measures	2020 Actual	2021 Actual	2022 Target
Number of fatalities	184	204	0
Rate of fatalities per 100 million VMT*	1.39	<i>Not available</i>	0
Number of serious injuries	916	886	0
Rate of serious injuries per 100 million VMT*	6.91	<i>Not available</i>	0
Number of non-motorized fatalities and serious injuries	223	189	0

Official FDOT data

Preliminary Signal4 data

Crash rates not available until release of VMT data.



# Palm Tran Safety Targets

Fixed Route and Paratransit



# Required Palm Tran Measures by Mode

1. Number of fatalities
2. Rate of fatalities per 100 thousand VRM
3. Number of injuries
4. Rate of injuries per 100 thousand VRM
5. Number of safety events
6. Safety events per 100 thousand VRM
7. VRM average distance between mechanical failures

VRM = Vehicle Revenue Miles

# Required for Fixed Route & Paratransit



Fixed Route - Bus



Paratransit – Palm Tran Connection

# 2022 Palm Tran Fixed Route Targets

Performance Measures	Fixed Route	
	2021 Actual	2022 Target
Number of fatalities	1	<b>0</b>
Fatality Rate per 100k VRM*	.01	<b>0</b>
Number of injuries	34	<b>63</b>
Injury Rate per 100k VRM*	0.5	<b>0.9</b>
Number of Safety Events	23	<b>43</b>
Safety Events per 100k VRM*	0.3	<b>0.6</b>
Distance between mechanical failures (mi.)	12,719	<b>14,000</b>
Total Calendar Year VRM*	7,060,950	



\*VRM = Vehicle Revenue Miles

# 2022 Palm Tran Paratransit Targets

Performance Measures	Paratransit	
	2021 Actual	2022 Target
Number of fatalities	0	<b>0</b>
Fatality Rate per 100k VRM*	0	<b>0</b>
Number of injuries	17	<b>34</b>
Injury Rate per 100k VRM*	0.2	<b>0.4</b>
Number of Safety Events	25	<b>32</b>
Safety Events per 100k VRM*	0.3	<b>0.3</b>
Distance between mechanical failures (mi.)	15,581	<b>7,700</b>
Total Calendar Year VRM*	8,446,286	



\*VRM = Vehicle Revenue Miles



MOTION TO RECOMMEND ADOPTION:  
A Resolution Approving 2022 Safety Targets