



# Safety Performance Measures

February 2020 | TPA Committees

## PALM BEACH TPA VISION

A **safe**, efficient,  
and connected  
multimodal  
transportation  
system.



# What are We Required to Measure?

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 and serious injuries for 2018 & 2019

- FHWA: zero fatalities on our Nation's roadways is the only acceptable goal
- FDOT: Formally adopted targets of zero for 2018 and 2019
- FL Vision Zero Cities: West Palm, Ft. Lauderdale, Orlando, Tampa, Hillsborough Co.

# Total Fatalities & Serious Injuries

Performance Measure	2012	2013	2014	2015	2016	2017	2018 <sup>a</sup>	2019 <sup>b</sup>
Fatalities	132	137	130	186	179	157	186	163
<b>Fatalities avg.</b>	<b>144</b>	<b>131</b>	<b>127</b>	<b>140</b>	<b>153</b>	<b>158</b>	<b>168</b>	<b>174</b>
Serious Injuries	996	1,100	1,050	1,001	1,129	1,123	1,138	1,024
<b>Serious Injuries avg.</b>	<b>1,049</b>	<b>1,047</b>	<b>1,040</b>	<b>1,027</b>	<b>1,055</b>	<b>1,081</b>	<b>1,088</b>	<b>1,083</b>
Fatality Rate	1.087	1.117	1.014	1.398	1.291	1.118	1.312	1.150
<b>Fatality Rate avg.</b>	<b>1.16</b>	<b>1.07</b>	<b>1.02</b>	<b>1.10</b>	<b>1.18</b>	<b>1.19</b>	<b>1.23</b>	<b>1.25</b>
Serious Injuries Rate	8.200	8.965	8.187	7.522	8.141	7.997	8.027	7.223
<b>Serious Injuries Rate avg.</b>	<b>8.49</b>	<b>8.49</b>	<b>8.37</b>	<b>8.11</b>	<b>8.20</b>	<b>8.16</b>	<b>7.97</b>	<b>7.78</b>
Bike/Ped Injury/Fatal	204	212	204	201	194	208	209	225
<b>Bike/Ped Injury/Fatal avg.</b>	<b>185</b>	<b>190</b>	<b>193</b>	<b>201</b>	<b>203</b>	<b>204</b>	<b>203</b>	<b>207</b>
100 Million VMT <sup>c</sup>	121.469	122.703	128.258	133.068	138.673	140.426	141.779	141.779

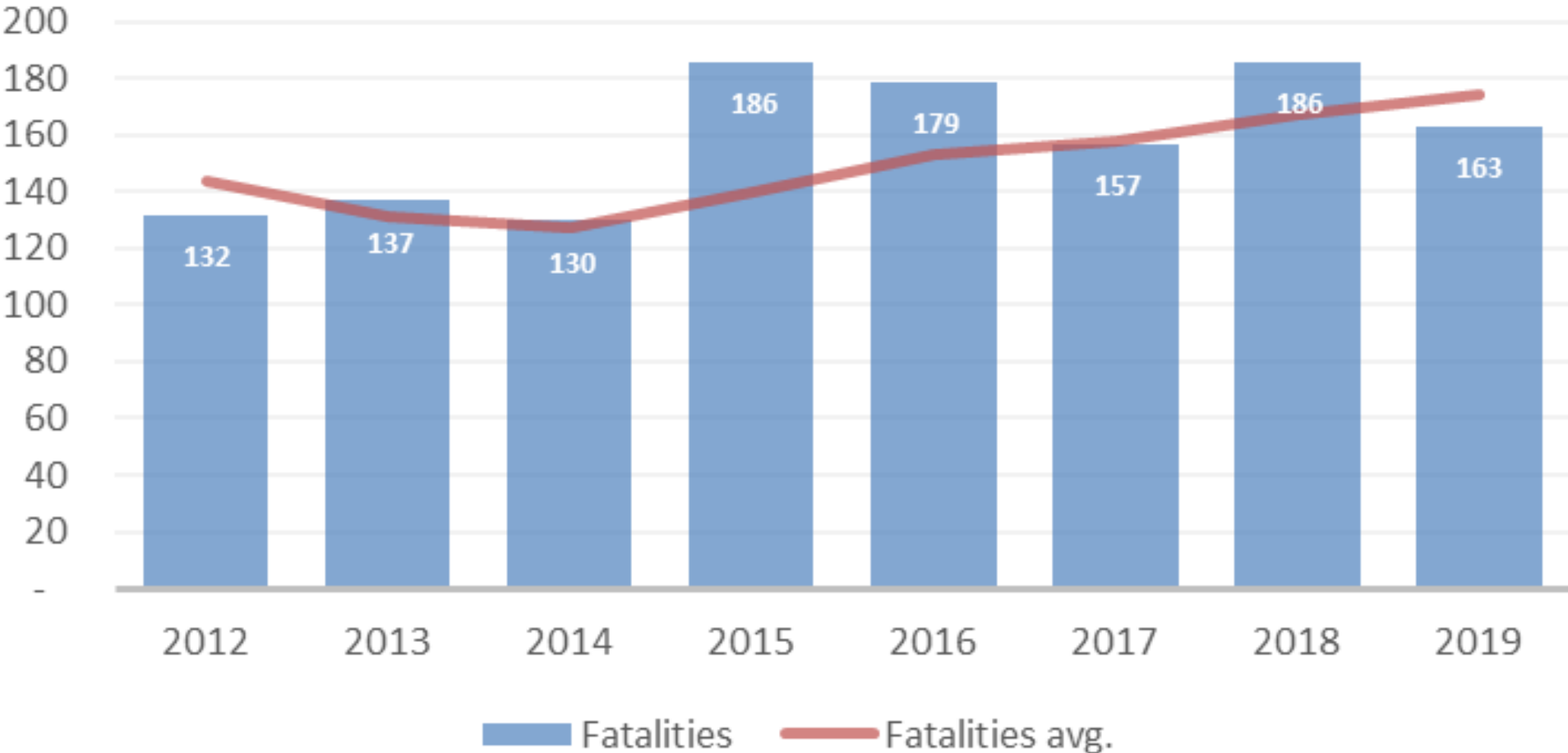
a. FDOT State Safety Office draft numbers

b. UFL Signal 4 Analytics, not official FDOT number. Crash data still being entered.

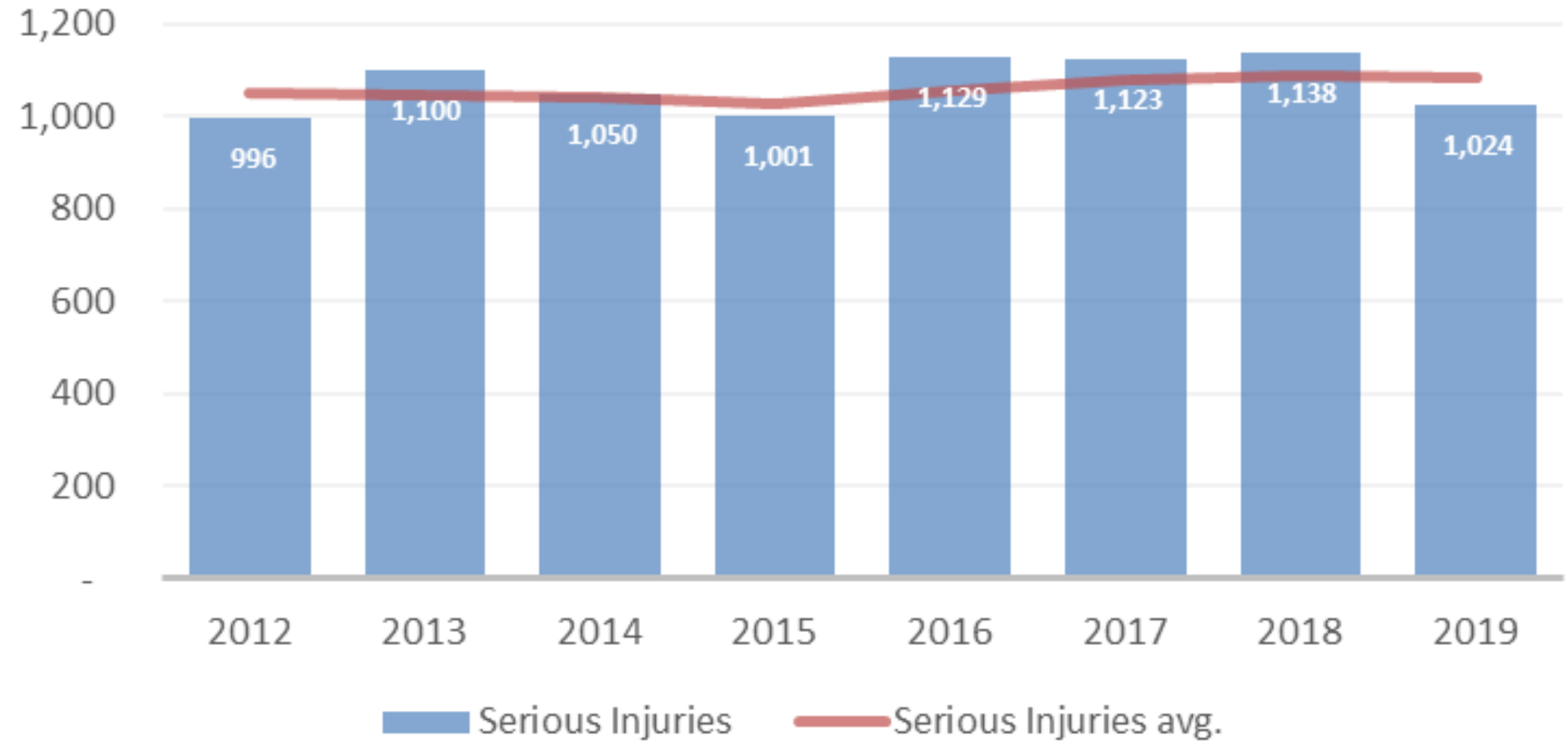
c. Vehicle Miles Traveled are released in June of following year. 2019 number is placeholder of 2018.



# Fatalities



# Serious Injuries



# What are the Recommended 2020 Targets?

Performance Measure	2019 Target	2019 Actual	2020 Target
Number of fatalities	0	168	0
Rate of fatalities per 100 million VMT*	0	1.196	0
Number of serious injuries	0	1,163	0
Rate of serious injuries per 100 million VMT*	0	6.923	0
Number of non-motorized fatalities and serious injuries	0	177	0

\*VMT = Vehicle Miles Traveled