



# Safety Performance Measures

February 2019 | TPA Committees

## PALM BEACH TPA VISION

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



# Performance-Based Planning

- Use system information to make investment and policy decisions to achieve national performance goals
- Moving ahead for progress in the 21st Century (MAP-21) requires state DOTs and MPOs to:
  1. Monitor required performance measures
  2. Establish targets
  3. Report progress

# TPA Adopts Vision Zero

- Adopted targets of zero fatalities and serious injuries for 2018
- Vision Zero Action Plan (on pace for March/April adoption)

# Required Safety Performance 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

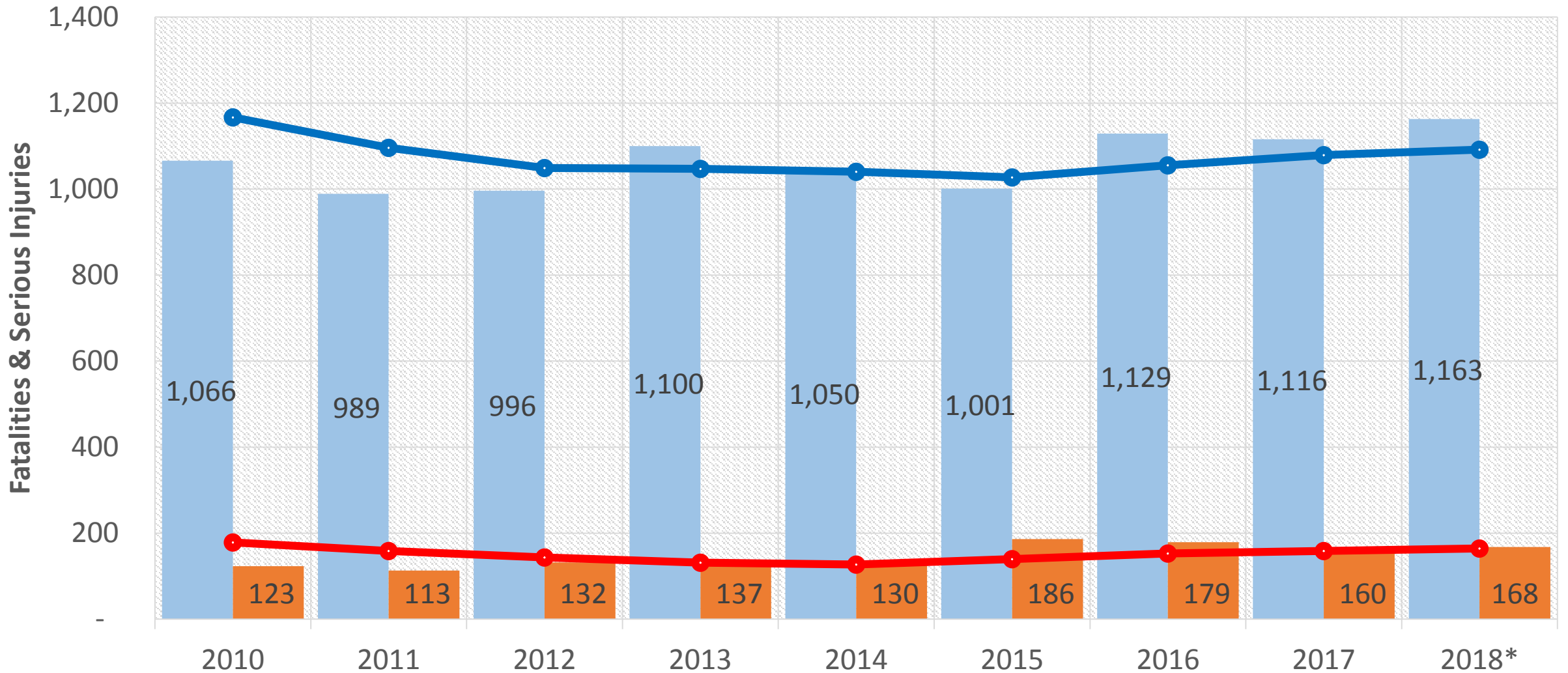
# Total Fatalities & Serious Injuries

	<b>Performance Measure</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018*</b>
Annual	Fatalities	123	113	132	137	130	186	179	160	168
	Serious Injuries	1,066	989	996	1,100	1,050	1,001	1,129	1,116	1,163
	Pedestrian & Bicycle	164	183	204	212	204	201	194	207	177
	Fatality Rate	1.016	0.878	1.087	1.117	1.014	1.398	1.291	1.139	1.196
	Serious Injury Rate	8.806	7.688	8.200	8.965	8.187	7.522	8.141	7.947	6.923
	100 Million VMT	121.051	128.635	121.469	122.703	128.258	133.068	138.673	140.426	140.426
5-Year Average	Fatalities Avg	178.4	158.6	143.6	131.4	127.0	139.6	152.8	158.4	164.6
	Serious Injuries Avg	1,166.6	1,095.8	1,049.2	1,047.0	1,040.2	1,027.2	1,055.2	1,079.2	1,091.8
	Pedestrian & Bicycle Avg	192.20	179.00	184.60	190.00	193.40	200.80	203.00	203.60	196.60
	Fatality Rate Avg	1.432	1.275	1.161	1.066	1.022	1.099	1.181	1.192	1.21
	Serious Injury Rate Avg	9.382	8.813	8.486	8.493	8.369	8.112	8.203	8.153	7.744

*\*2018 Data from UFL Signal 4 Analytics, not official FDOT CARS number.  
2018 crash rates use 100 MVMT of 2017*

# Total Fatalities & Serious Injuries

■ Serious Injuries    
 ■ Fatalities    
 ● Serious Injuries Avg    
 ● Fatalities Avg

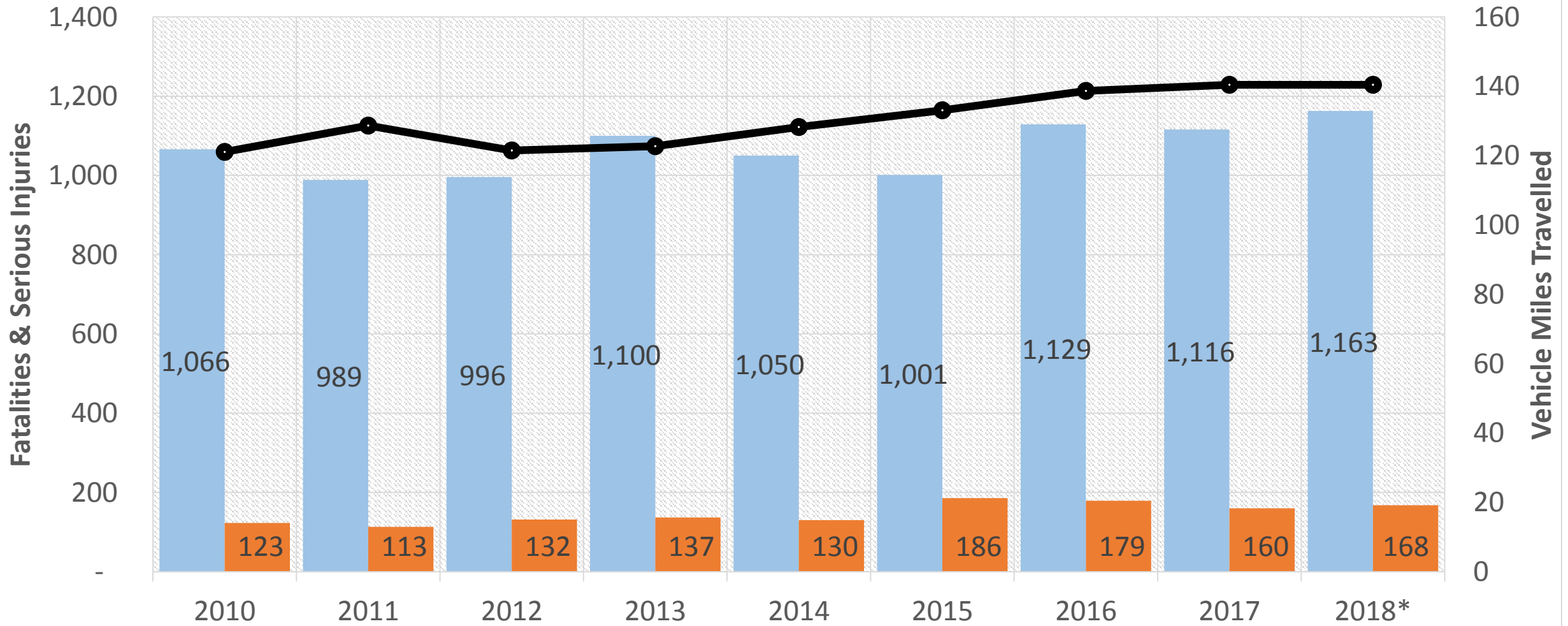


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# Total Fatalities & Serious Injuries v. Vehicle Miles Travelled (VMT)

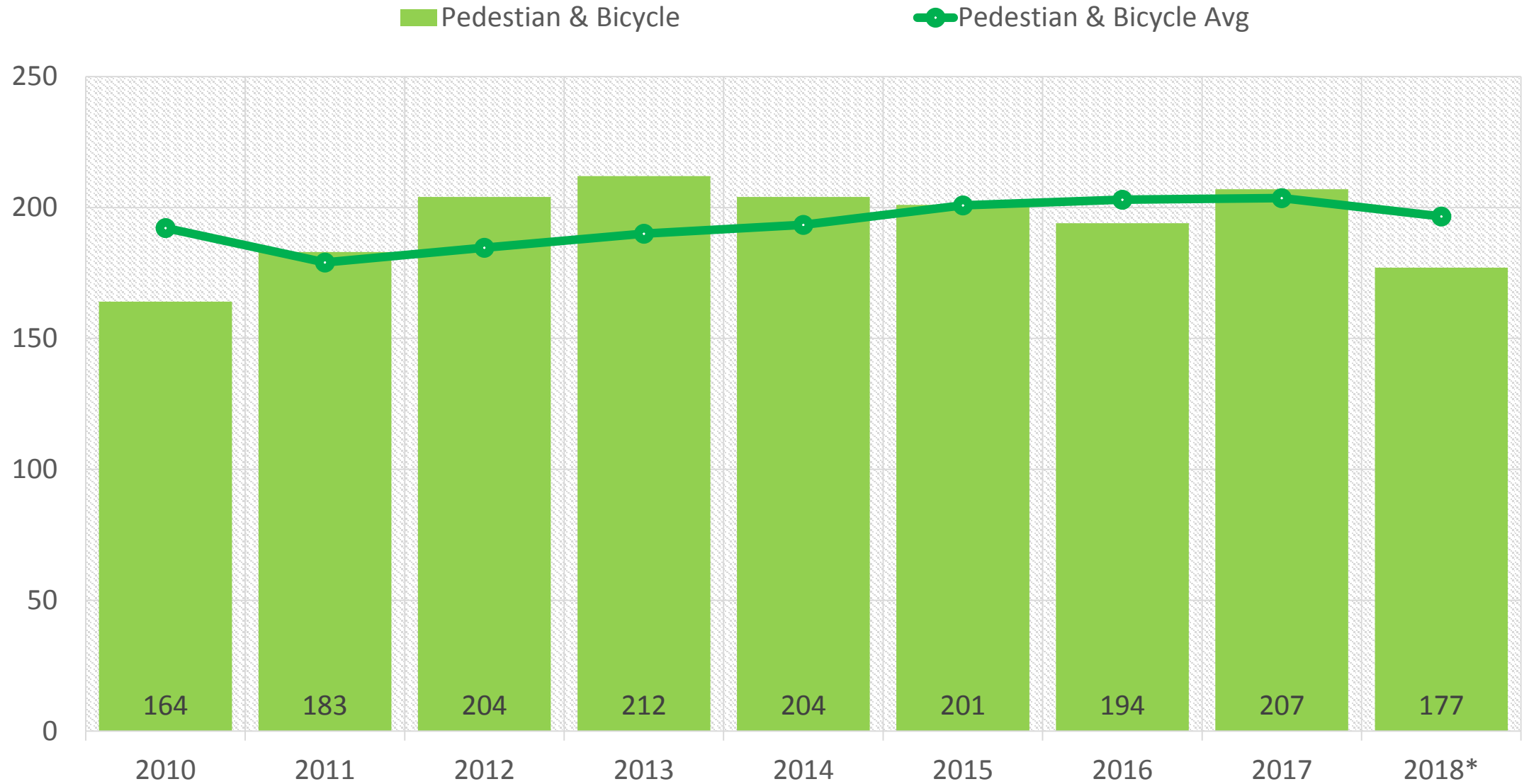
■ Serious Injuries 
 ■ Fatalities 
 ● 100 Million Vehicle Miles Travelled



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# Total Fatalities & Serious Injuries



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