



MPO Safety Performance Targets

LLTS Coordinating Committee
January 16, 2019

➤ Safety Performance Targets - WHY

Safety Performance Management

- The Moving Ahead for Progress in the 21st Century Act (MAP-21) of 2012 set national goals for core federal-aid programs
- Established performance management measures to track progress toward meeting goals
- NPRM published March 11, 2014
- Final Rule published March 15, 2016
- 23 CRF §490 National Performance Management Measures - Safety

➤ Safety Performance Targets - WHY

Highway Safety Improvement Program (HSIP)

- HSIP is a core federal-aid program
- Pennsylvania receives ~ \$100M per year HSIP funding
- Purpose is a significant reduction of fatal & serious injuries on all public roads
- 23 CFR §924 Highway Safety Improvement Program

➤ Safety Performance Targets - WHAT

5 Performance Measures for the HSIP:

1. Fatality Number
2. Fatality Rate
3. Serious Injury Number
4. Serious Injury Rate
5. Non-motorized fatality & serious injury number

➤ Safety Performance Targets - WHAT

Target Setting Factors:

- Vision - Toward Zero Deaths (TZD)
- National goal - 30 years to eliminate fatalities
- Impact of Autonomous Vehicle Technology beginning 2025-2030
- United States 5-7% annual increase last 2 years
- Pennsylvania 1% annual fatality reduction

➤ Safety Performance Targets - WHAT

2017 PA Strategic Highway Safety Plan (SHSP)

5 year reduction goal:

- 120 fatalities
- 305 serious injuries

Target set at 2% reduction, consistent with SHSP

➤ Safety Performance Targets - WHEN

Safety Target Setting timeline:

- 4/16/18 fatal and serious injury reported for 2017
- 7/1/18 first 3 targets established in the Highway Safety Plan to NTHSA
- 8/31/18 last 2 targets established in the HSIP Annual Report to FHWA
- 2/27/18 180 day deadline for MPOs to establish targets

MPOs may establish targets by either:

- Agreeing to support state targets
- Developing own targets and methodology

➤ Safety Performance Targets - Statewide

Performance Measure	5-year Rolling Averages		
	TARGET 2015-2019	ACTUAL 2015-2019	BASELINE 2013-2017
Number of Fatalities	1,146.3		1185.6
Fatality Rate	1.121		1.179
Number of Serious Injuries	3,971.2		3588.4
Serious Injury Rate	3.883		3.569
Number of Non-motorized Fatalities and Serious Injuries	698.4		629.8

* Future VMT estimated to be 1% higher per year starting in 2018

4 out of 5 measures must meet, or make significant progress toward meeting target

➤ Safety Performance Targets – Scranton/WB

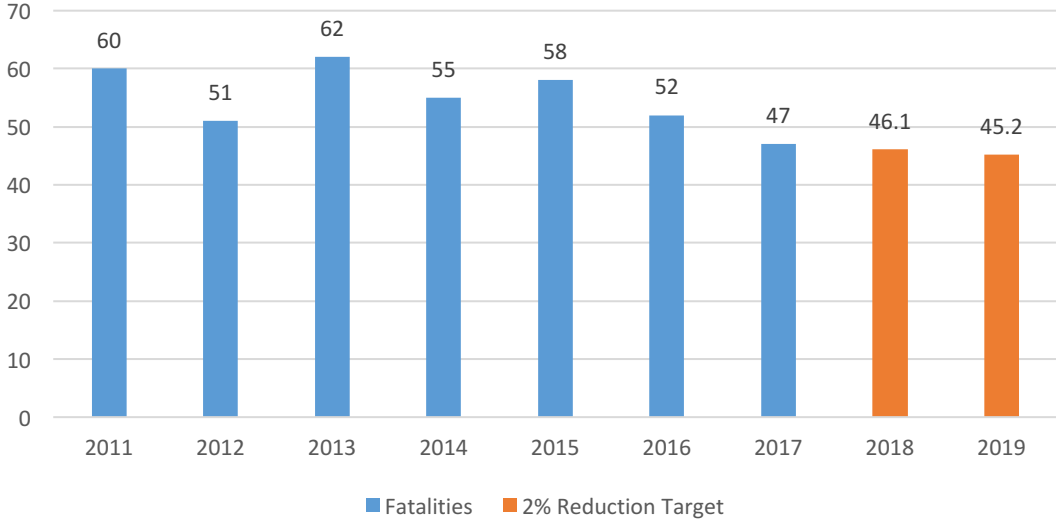
Performance Measure	5-year Rolling Averages		
	TARGET	ACTUAL	BASELINE
	2015-2019	2015-2019	2013-2017
Number of Fatalities	49.7		54.8
Fatality Rate	1.076		1.214
Number of Serious Injuries	166.4		152.4
Serious Injury Rate	3.603		3.376
Number of Non-motorized Fatalities and Serious Injuries	33.7		30.8

* Future VMT estimated to be 1% higher per year starting in 2018

4 out of 5 measures must meet, or make significant progress toward meeting target

Scranton/W-B MPO Fatality Numbers

Fatalities							2% Reduction	
2011	2012	2013	2014	2015	2016	2017	2018	2019
60	51	62	55	58	52	47	46.1	45.2

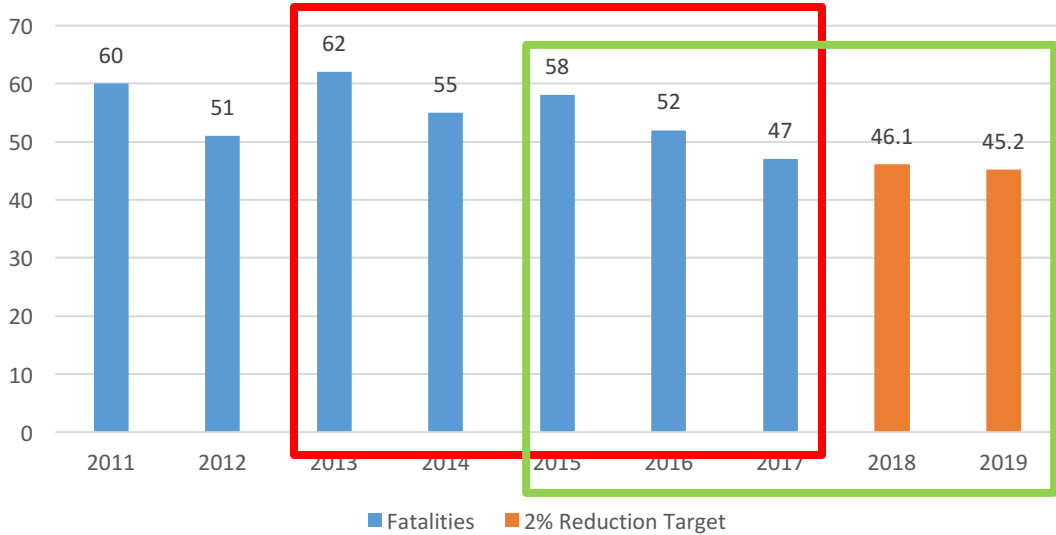


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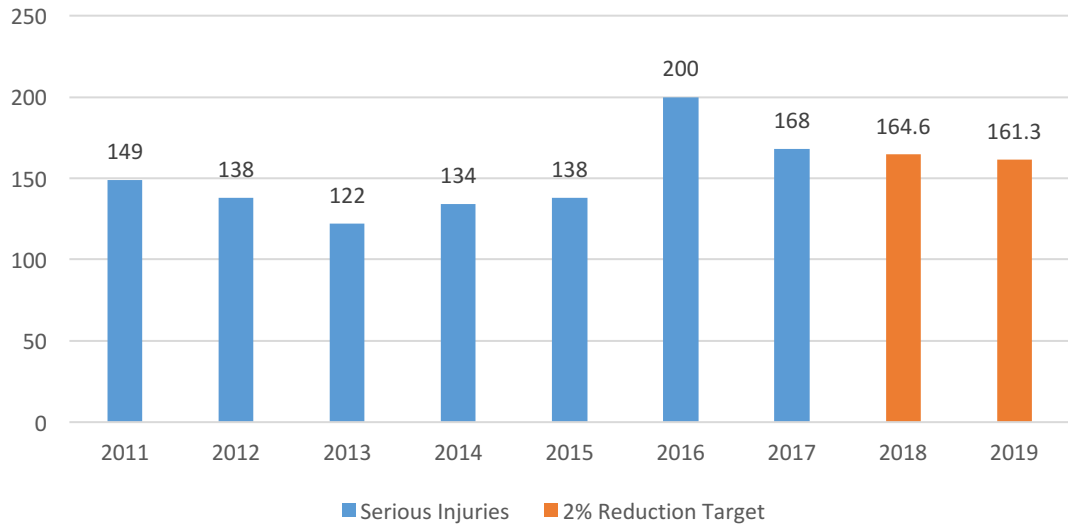
BASELINE - 54.8

TARGET - 49.7



Scranton/W-B MPO Serious Injury Numbers

Serious Injuries							2% Reduction	
2011	2012	2013	2014	2015	2016	2017	2018	2019
149	138	122	134	138	200	168	164.6	161.3



Scranton/W-B MPO Serious Injury Numbers

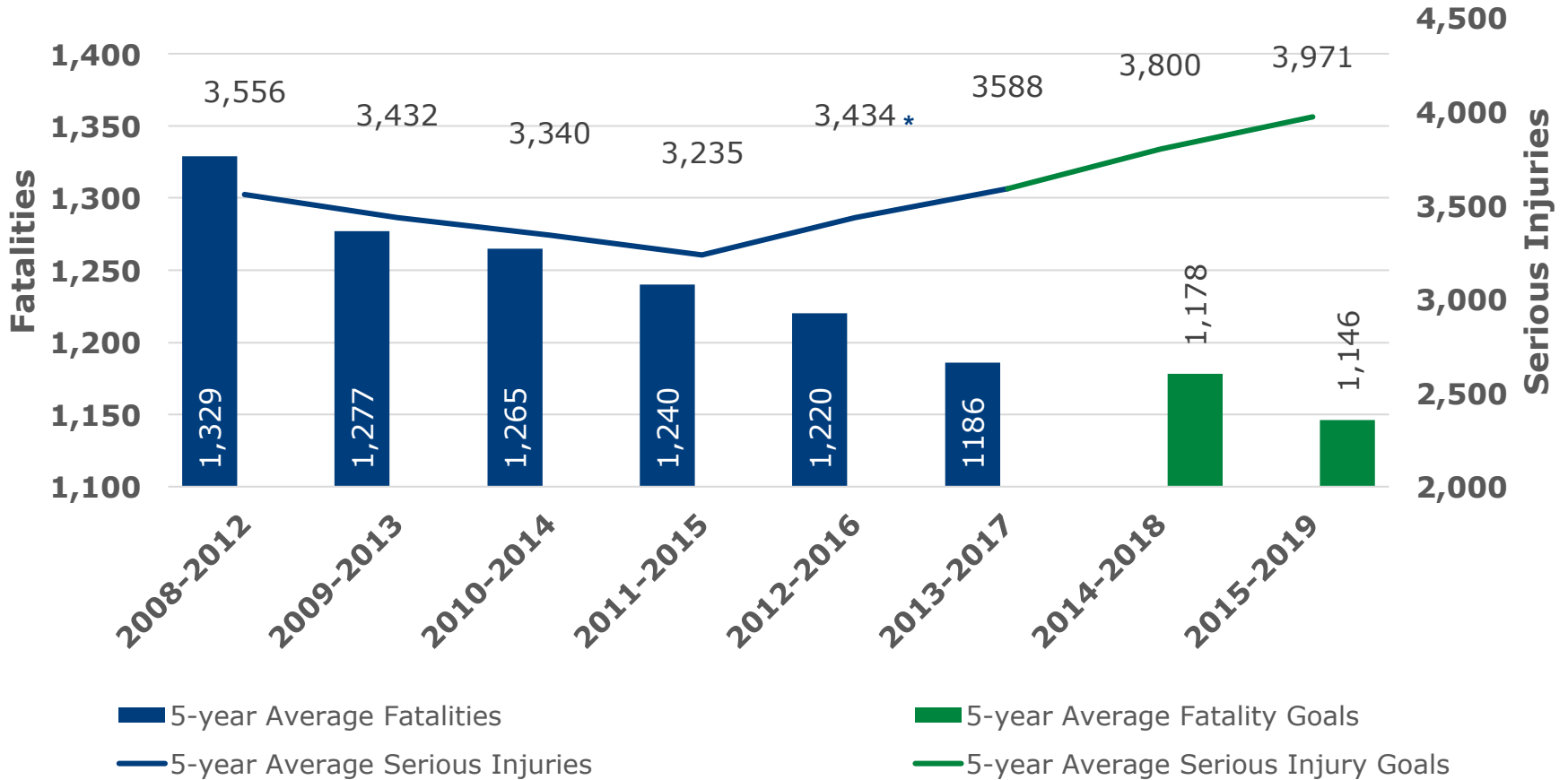
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BASELINE - 152.4

TARGET - 166.4



Pennsylvania Recent Trends



* Definition change occurred for serious injuries



Questions?