



NORTH CAROLINA
Department of Transportation



CY 2020 Preliminary Safety Performance Measures

May 10, 2019

Safety Performance Measures

- The Safety Performance Measures establish new regulations to implement MAP-21 Performance Management Requirements
- Beginning in August 2017, States will establish annual targets in the HSIP report
- Targets for each Performance Measure (5 Year Rolling Averages)
 1. Number of Fatalities (Fatality Analysis Reporting System (FARS) data)
 2. Fatality Rate (per 100 million VMT)
 3. Number of Serious Injuries
 4. Serious Injury Rate (per 100 million VMT)
 5. Number of Non-Motorized (Pedestrians + Bicyclists) Fatalities and Serious Injuries
- Targets are for calendar years
- Targets are established annually
- Targets must be identical to NHTSA HSP targets for common measures (Number of Fatalities, Fatality Rate, Number of Serious Injuries)
- States and MPOs must coordinate on establishing targets
- States would have “Met” or “Made Significant Progress” towards meeting Performance Targets if:
 - 4 out of 5 targets are “Met” or
 - 4 out of 5 targets are better than performance for year prior to establishing targets

2014 North Carolina Strategic Highway Safety Plan



Released March 2015

- Targets for the Safety Performance Measures are currently based on the 2014 NC SHSP goal of reducing our state's fatalities and serious injuries by 50% before 2030
- With the 2019 NC SHSP update there will be an opportunity to adjust the goal, which may provide a better probability to meet our annually adjusted targets

Preliminary Significant Progress Determination for CY 2018 Targets

Performance Measures	5-year Rolling Averages			Target Achieved?	(Actual) Better than Baseline?	Met or Made Significant Progress?
	TARGET	ACTUAL	BASELINE			
	2014-2018	2014-2018	2012-2016			
Number of Fatalities	1,207.3	1,396.4	1,340.6	No	No	No
Fatality Rate	1.114	1.217	1.228	No	✓ Yes	
Number of Serious Injuries	2,161.2	3,362.2	2,399.8	No	No	
Serious Injury Rate	1.988	2.904	2.191	No	No	
Number of Non-Motorized Fatalities and Serious Injuries	393.5	494.8	438.8	No	No	

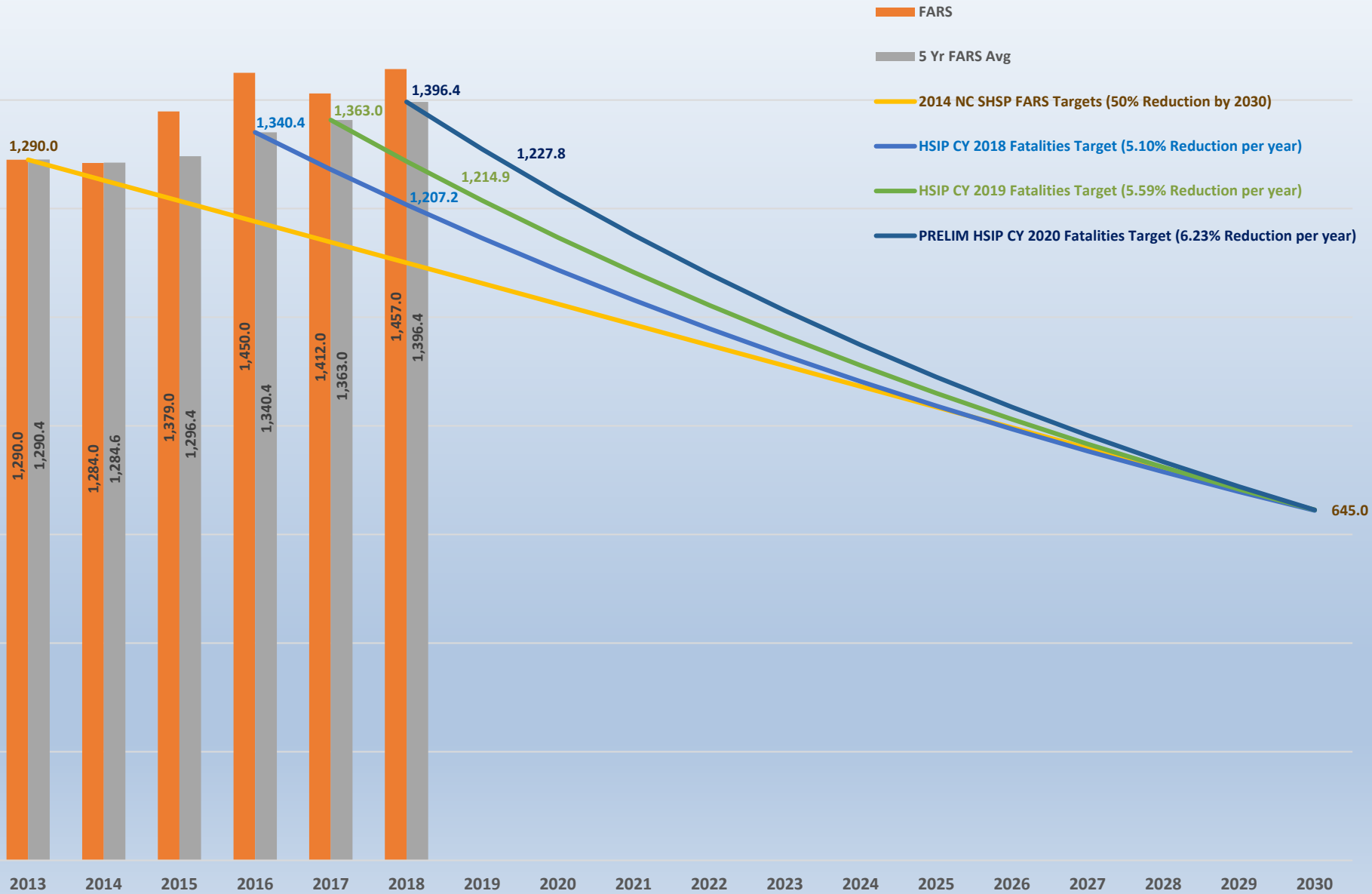
Since our State was determined to have not met or made significant progress toward the CY 2018 targets, our State would have to use obligation authority equal to the FY 2017 HSIP apportionment only for HSIP projects in FY 2021 and submit a HSIP Implementation Plan for FY 2021. (Based on data as of 4/22/2019)

Targets for Safety Performance Measures

Performance Measures	Highway Safety Improvement Program (HSIP)		
	CY 2018	CY 2019	DRAFT CY 2020
Number of Fatalities	1,207.3	1,214.7	1,227.8
Fatality Rate	1.114	1.097	1.088
Number of Serious Injuries	2,161.2	2,490.6	2,812.5
Serious Injury Rate	1.988	2.228	2.474
Number of Non-Motorized Fatalities and Serious Injuries	393.5	403.7	426.7

CY 2020 Final Targets will be set once the 2018 FARS, VMTs and NC crash data has been stabilized

Number of Fatalities Performance Measure



Questions?