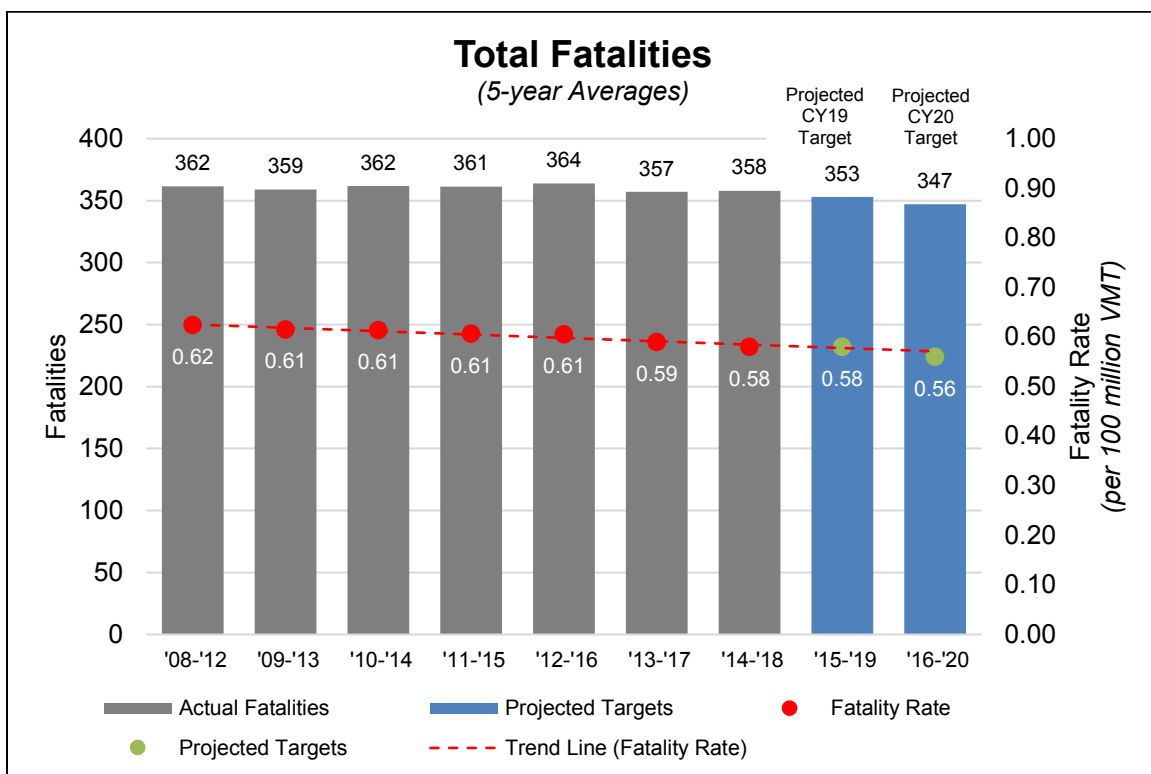


## MassDOT CY20 Safety Performance Measure Targets (PM1)

**Total Fatalities:** Over the last seven years, the number of fatalities in Massachusetts has been relatively stable, fluctuating less than 1 percent with the exception of 2016, when the 5 year average reached 364. That said, the most recent data shows that the five-year average for fatalities in 2017, 357, is the lowest it has been since the 2008 – 2012 five-year average. The calendar year (CY) 2020 target of 347 was set to reflect an anticipated decrease in fatalities due to data enhancements, safety projects, and strategies and legislative proposals that were part of the 2018 Strategic Highway Safety Plan (SHSP), such as the primary seat belt and hands-free driving laws. It should be noted that MassDOT’s overarching goal is towards zero deaths, which will be pursued through the continued implementation of SHSP strategies.

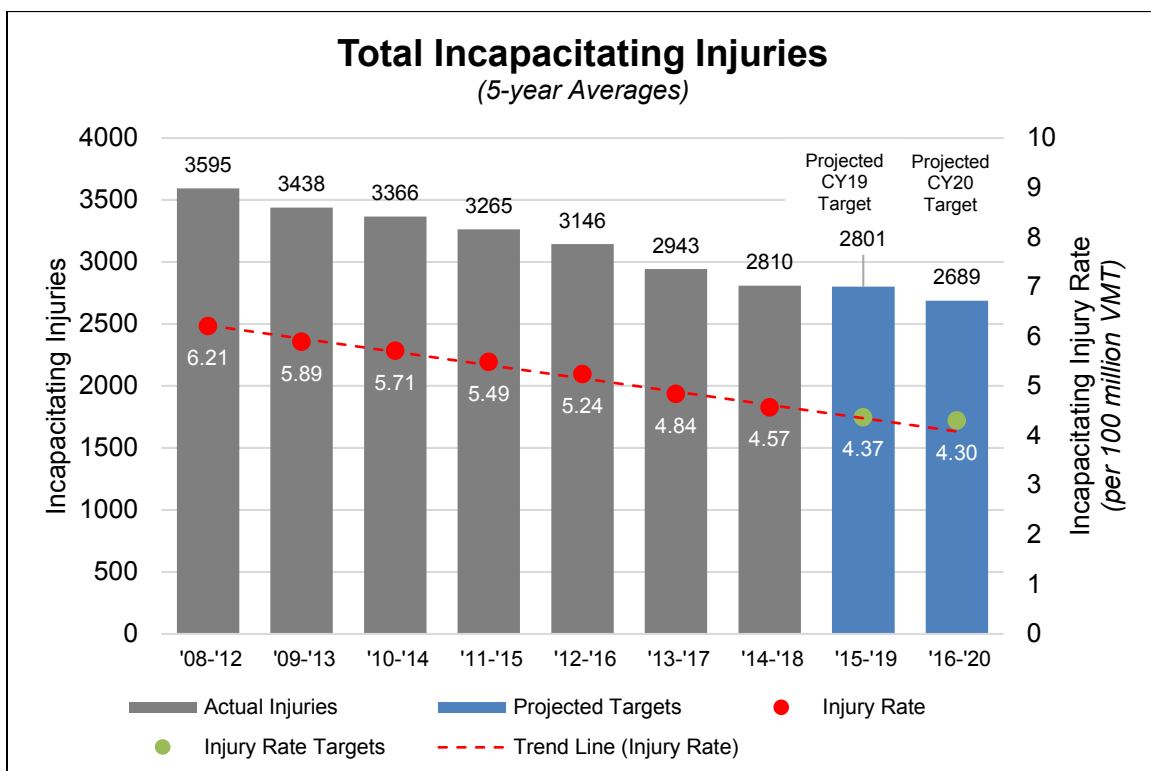
**Fatality Rate:** Partly due to a 0.3% annual increase in VMT and an overarching downward trend in the fatality *rate*, it is anticipated that the fatality rate from 2013–2017 of 0.59 fatalities per 100 million vehicle miles traveled will drop to 0.56 fatalities per 100 million vehicle miles traveled between 2016–2020. (*Note: Statewide VMTs used to calculate the Projected CY20 Target Fatality Rate were adjusted after state adoption of the 0.56 per 100 million VMT target.*)



## MassDOT CY20 Safety Performance Measure Targets (PM1)

**Total Incapacitating Injuries:** Although this measure is particularly prone to contextual factors, it is anticipated that there will be an overall decrease in the number of incapacitating injuries due to a continual downward trend line as well as the implementation of countermeasures that are being developed as part of the 2018 Strategic Highway Safety Plan.

**Incapacitating Injuries Rate:** Similar to the fatality rate, it is anticipated that the increase in VMT and a downward trend line will result in a drop in the rate of incapacitating injuries from 4.84 per 100 million VMT between 2013–2017 to 4.30 between 2016–2020. (Note: Statewide VMTs used to calculate the Projected CY20 Target Incapacitating Injury Rate were adjusted after state adoption of the 4.30 per 100 million VMT target.)



## MassDOT CY20 Safety Performance Measure Targets (PM1)

**Total Number of Non-Motorized Fatalities and Incapacitating Injuries:** The most recent data for non-motorized fatalities and incapacitating injuries indicates that the previously increasing trend decreased in 2017. The CY 2020 target of 505 has been set to reflect continued projected reductions in non-motorized fatalities and injuries due to a number of implementation strategies contained within the Statewide Bike Plan, Statewide Pedestrian Plan, and Strategic Highway Safety Plan.

