

Safety Performance Measure Baseline Data

Introduction

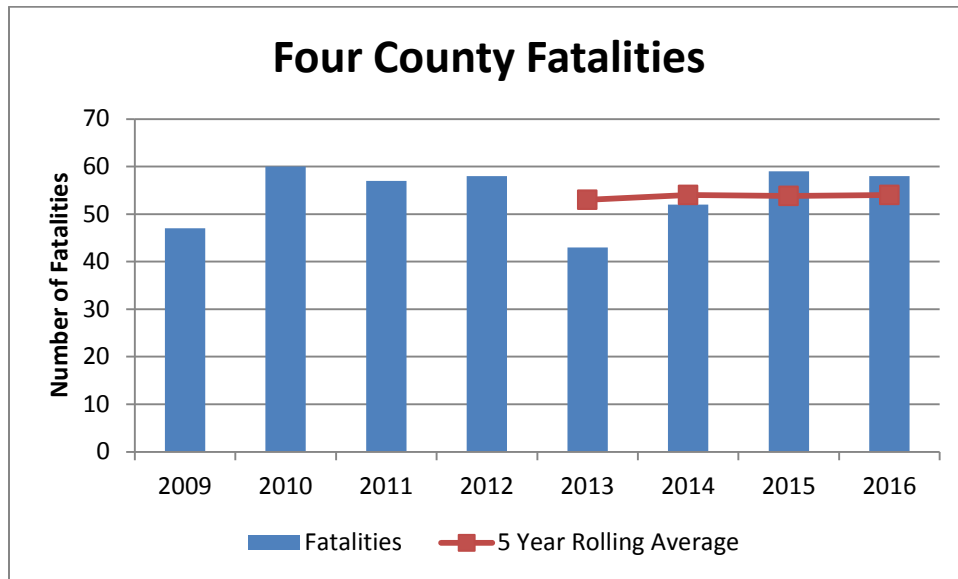
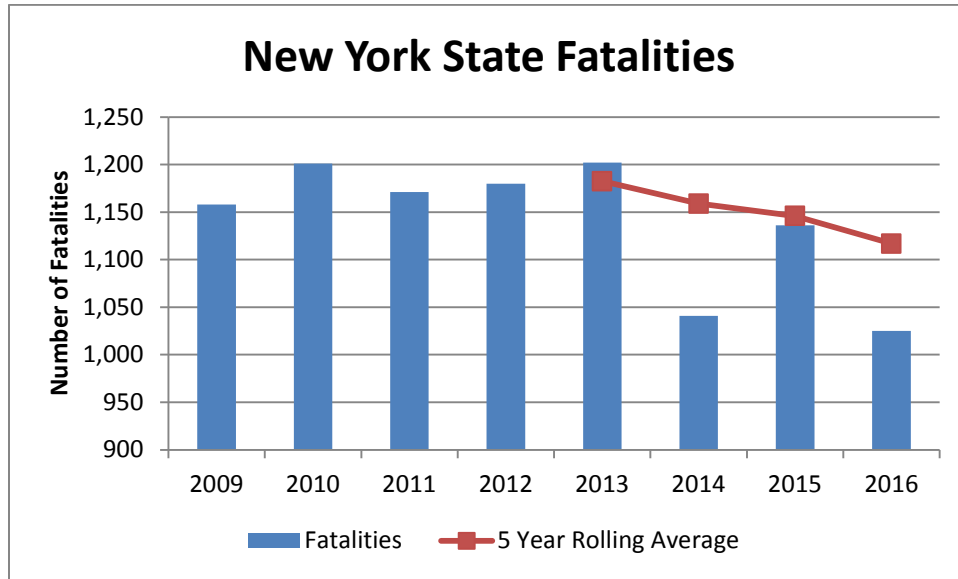
The FAST Act continued federal support for the Highway Safety Improvement Program (HSIP) and its goal of significantly reducing traffic fatalities and serious injuries on all public roads, including non-State-owned public roads and roads on tribal lands. The HSIP requires a data-driven, strategic approach to improving highway safety on all public roads that focuses on performance. As defined by the Federal Highway Administration, performance measures are indicators that enable decision-makers and other stakeholders to monitor changes in system condition and performance against established visions, goals, and objectives.

The Highway Safety Improvement Program final rule (23 CFR Part 490) required States to set targets for five safety performance measures based on 5-year rolling averages of crash data. New York State has established the following targets for the measures.

Safety Performance Measure	NYS DOT Target for 2018	Reduction
Number of Fatalities	1,086	-5.0%
Fatality Rate (Fatalities/100 Million Vehicle Miles of Travel (VMT))	0.87	-3.0%
Number of Serious Injuries	10,854	-6.0%
Serious Injury Rate (Serious Injuries/100 Million VMT)	8.54	-5.0%
Number of Non-Motorized Fatalities and Serious Injuries	2,843	-1.0%

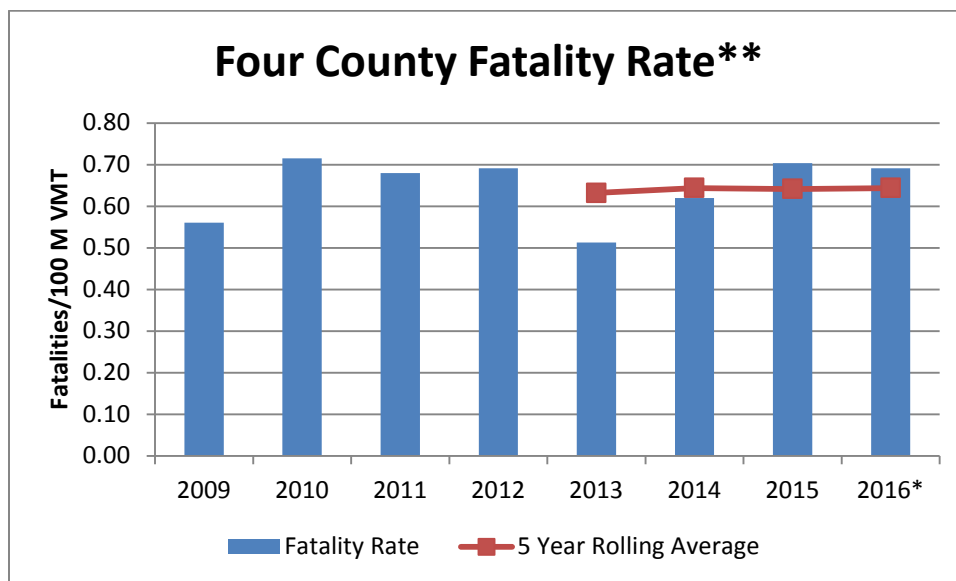
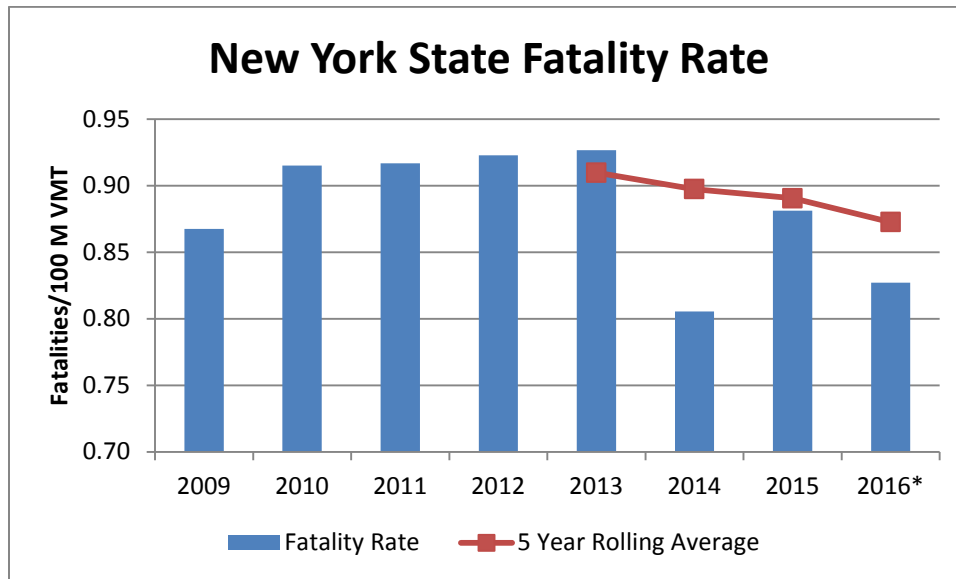
The following tables compare crash data in the Counties of Albany, Rensselaer, Saratoga and Schenectady, primarily served by CDTC for transportation planning and programming, to New York State using a trend line for a four year period from 2013 to 2016.

1. Number of Fatalities



Data Source: FARS (Fatality Analysis Reporting System), FHWA

2. Rate of Fatalities (Fatalities/100M VMT)

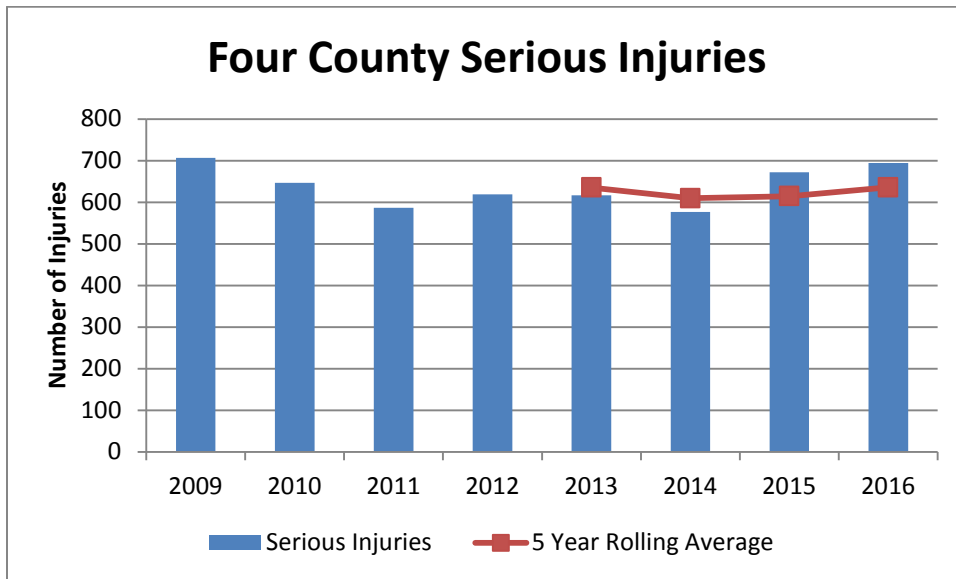
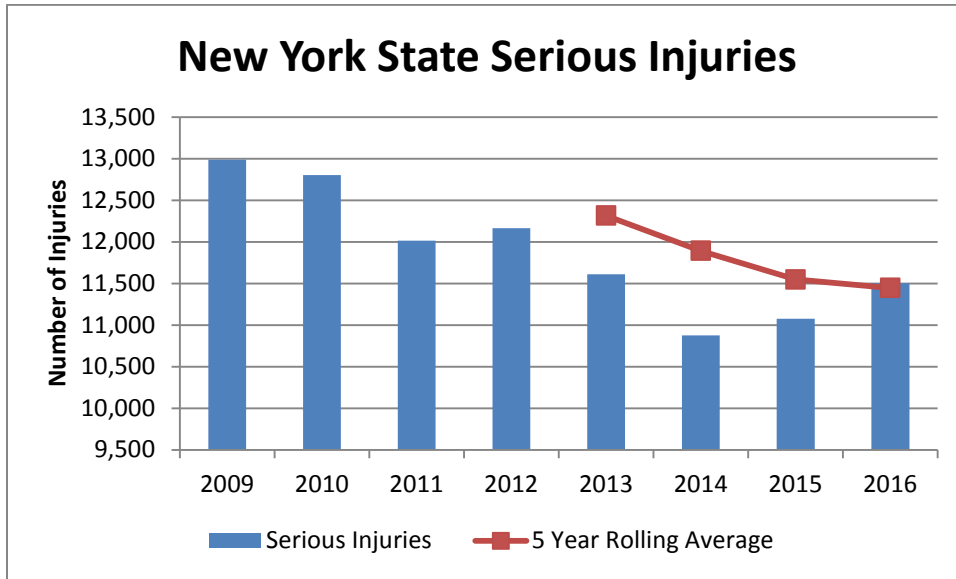


Data Sources: FARS (Fatality Analysis Reporting System), FHWA
VMT data from the New York State HPMS (Highway Performance Monitoring System), NYSDOT

*VMT data for 2016 is estimated.

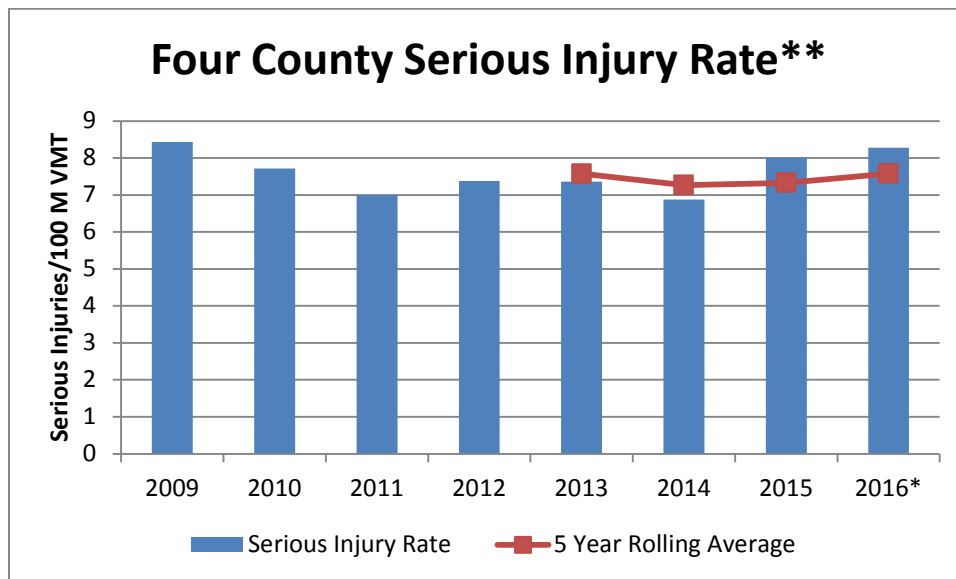
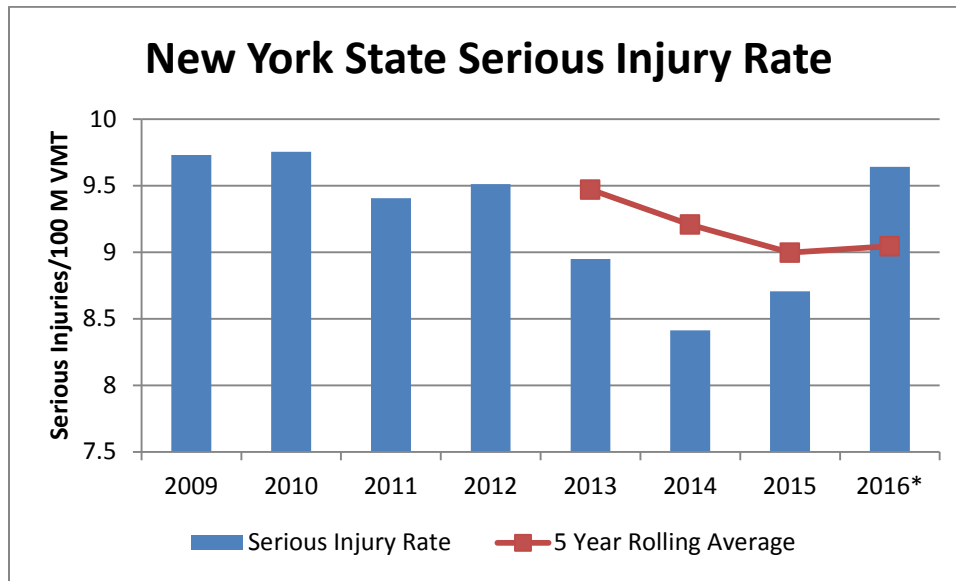
**Due to a change in VMT calculation for local and rural minor collector roadways, 2016 VMT data more accurately reflects Capital Region travel than previous years. Therefore, the 2016 VMT was used in the calculation of fatality rates for all years.

3. Number of Serious Injuries



Data Source: TSSR (Traffic Safety Statistical Repository), Institute for Traffic Safety Management and Research (ITSMR)

4. Rate of Serious Injuries (Serious Injuries/100M VMT)



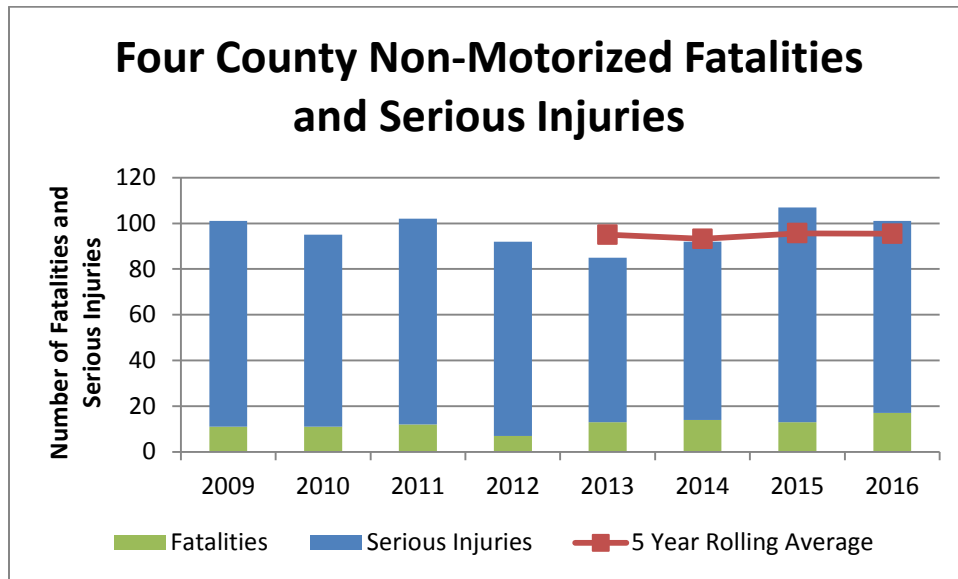
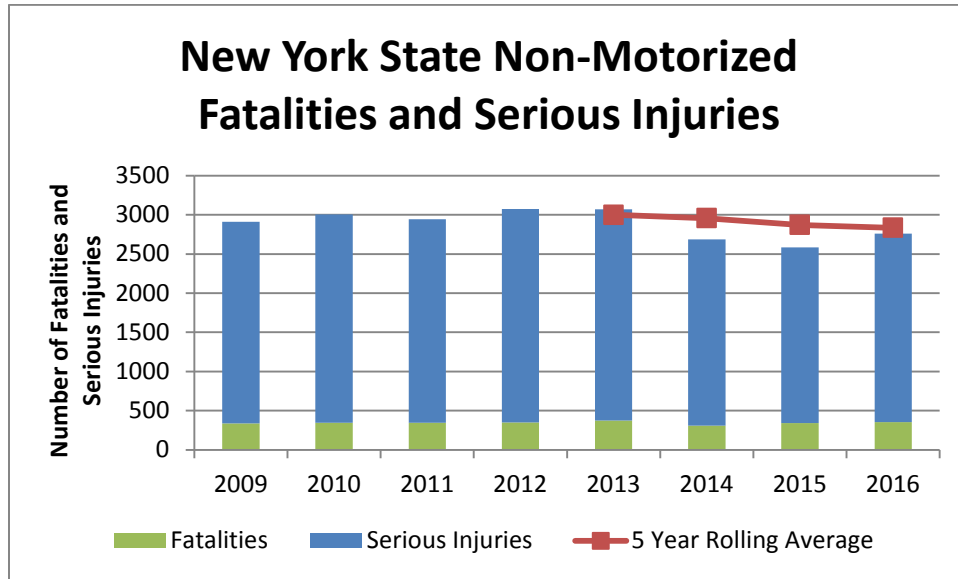
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VMT data from the New York State HPMS (Highway Performance Monitoring System), NYSDOT

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5. Non-Motorized Fatalities and Serious Injuries



Data Sources:

Fatality Analysis Reporting System (FARS), FHWA

TSSR (Traffic Safety Statistical Repository), Institute for Traffic Safety Management and Research (ITSMR)