

Iowa DOT safety targets for 2014-2018 were set on August 31, 2017, as part of its Highway Safety Improvement Program (HSIP) annual report to FHWA. The baselines and targets that were reported are:

Performance Measures	Five Year Rolling Averages	
	2012-2016 Baseline	2014-2018 Target
Number of Fatalities	345.4	367.9
Fatality Rate*	1.063	1.080
Number of Serious Injuries	1529.0	1562.2
Serious Injury Rate*	4.707	4.587
Non-Motorized Fatalities and Serious Injuries	144.2	150.7

*Rates are per 100 million vehicle miles traveled (VMT)

A simple trend analysis of historical fatal/serious injury data was performed. An integrated moving average model was run to estimate how much risk would be associated with each set of predictions. Predictions at various confidence levels were reviewed, and a 75% confidence level was utilized for the targets. This means there is at least 75% confidence that the actual 5-year rolling average will be less than the predicted numbers.