

The Yearly Summary table presents an evaluation of the one year pre-construction data, versus, an annualized post-accident data. The operational time for the red light cameras varies. The post activation accidents were tabulated to produce a yearly average for direct comparison to the year of pre-activation data. Only total, right angle, and rear end accidents were compared in this manner as these are the types of accidents that are most relevant to Red Light Camera programs.

Findings

Based on the data and accident trends depicted in the Yearly Summary Table, the red light camera violation system has reduced total accidents by 5.4%. Right angle accidents were reduced by 30.0%, while rear end accidents increase by 9.3%. The data also reflects an overall decrease in accidents involving injury by 10.6%. The analyzed data provided to us by NYSDOT is the most current data available as of December 2013. Based on the data provided, it can be concluded that the red light camera violation system has aided in both the reduction of total accidents as well as the injuries sustained at red light camera enforced intersections.