

Safety Technical Report

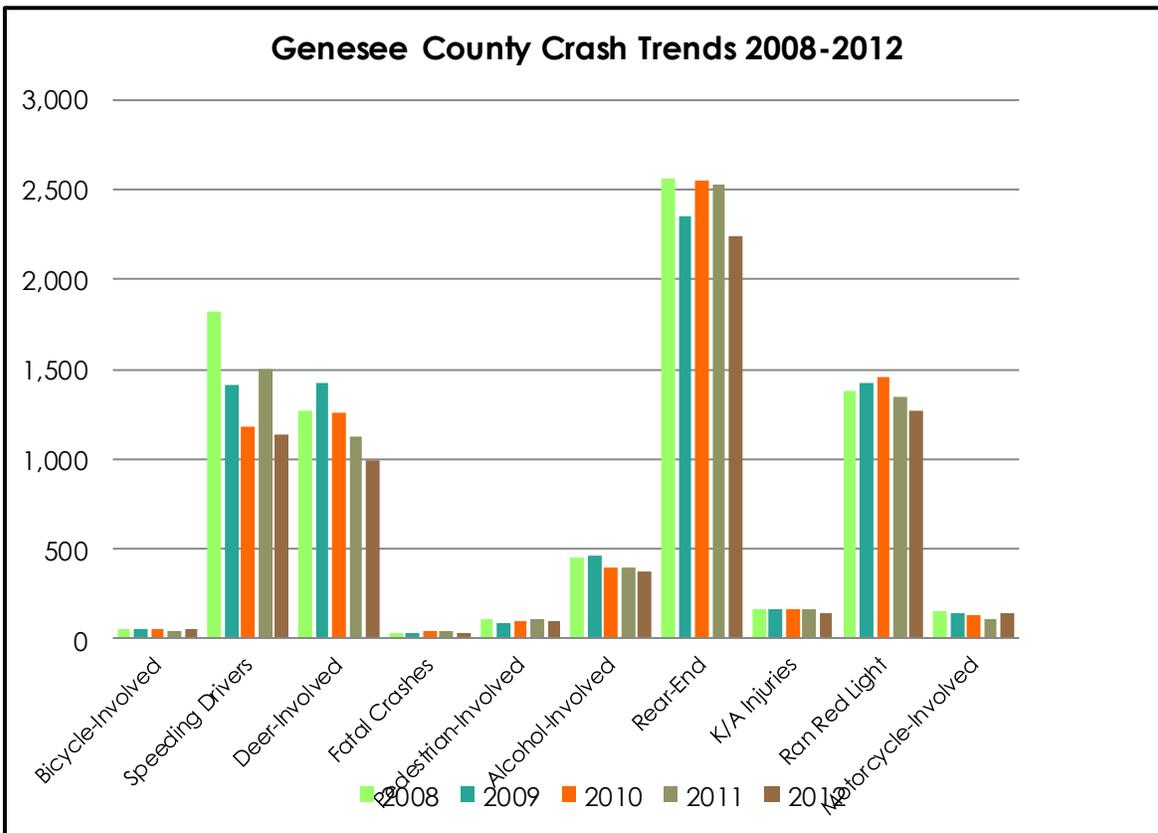
Summary



The 2040 Long Range Transportation Plan Safety Technical Report is developed to identify and address the Transportation related Safety needs in Genesee County. The report highlights a variety of Safety data to help identify deficiencies in the road system and to mitigate them in an efficient and effective method by establishing goals and objectives that can be implemented throughout the planning process.

Genesee County Traffic Crash Trends

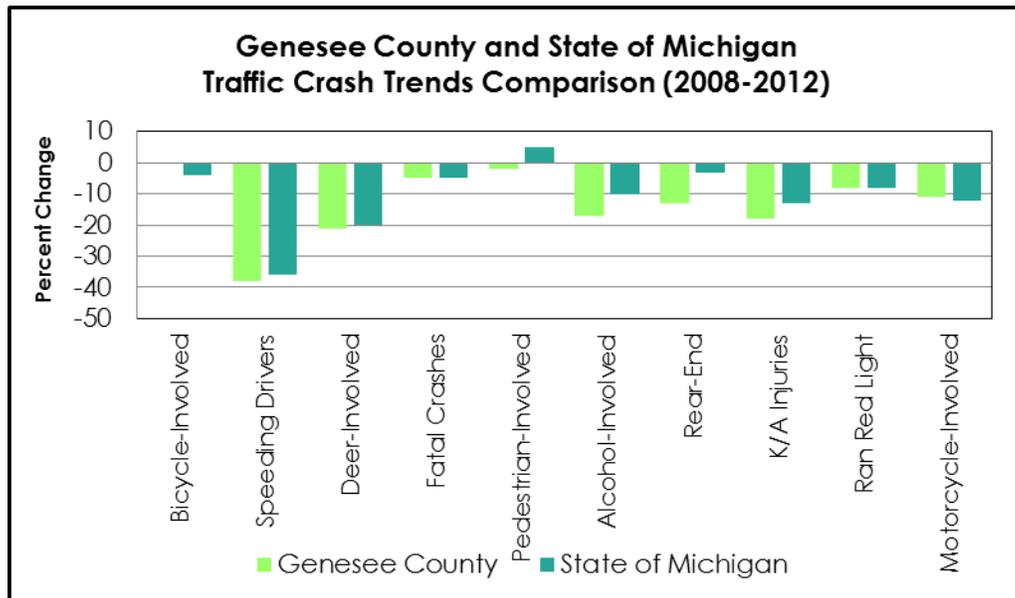
Staff used RoadSoft to develop the following chart which shows the traffic crash trends for Genesee County during the period 2008-2012. This data is referred to as the Genesee County Safety Profile. During this five-year period, most of the categories of crashes saw a decrease in occurrences. Vehicle Miles Traveled (VMT) also decreased each year during this period. The lower VMT may help account for the reduction in crashes.



Source: RoadSoft

Genesee County Crash Trends Compared to State Crash Trends

Staff used RoadSoft and compared Genesee County crash data to the State of Michigan crash data for the five-year period of 2008-2012, and developed the following chart. Genesee County saw decreases in all the categories on the chart, except one: bicycle-involved crashes, which remained at the same level. The State of Michigan saw decreases in all the categories on the chart as well, except one: pedestrian-involved crashes, which increased by 5%. The most dramatic decreases for both Genesee County and the State of Michigan were for speeding drivers, which went down 38% for the county, and 36% for the state.



Source: RoadSoft

Funding for Safety Deficiencies

To promote safety in the planning process, GCMPC encourages local road agencies to submit projects for the TIP that have safety components by giving qualifying projects points for safety. Safety points can account for: up to 5 out of 100 points for Expand projects; up to 5 out of 100 points for Preservation/Reconstruction projects or Non-Motorized projects; and up to 10 out of 100 points for Transit projects.

The Safety Technical Report provides further detail on funding sources for safety projects and programs, and offers recommendations for enhancing transportation safety in Genesee County.