

Crash Data Analysis

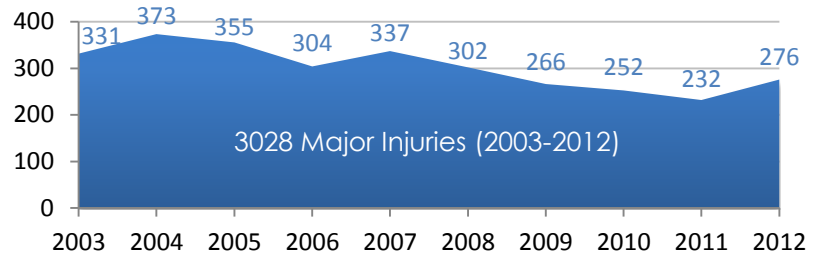
Crash data was analyzed for Dallas, Madison, Polk, and Warren Counties.

Data Analysis

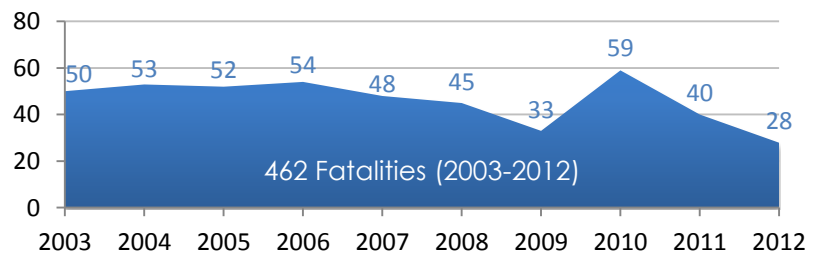
MPO staff reviewed 2003-2012 crash data for all public roads using the Crash Mapping Analysis Tool (CMAT), provided by the Iowa Department of Transportation (DOT). Crash data can help identify roadway types that tend to be most at risk. Using CMAT, problem streets can be identified by locating areas with higher crash densities and severities.

The trend charts for all crashes in the four-county region can be seen to the right. The overall trend for major injuries tells us there was a decrease in injuries during the ten-year period. The total number of fatalities peaked in 2010 at 59 and has decreased by more than half in the following two years.

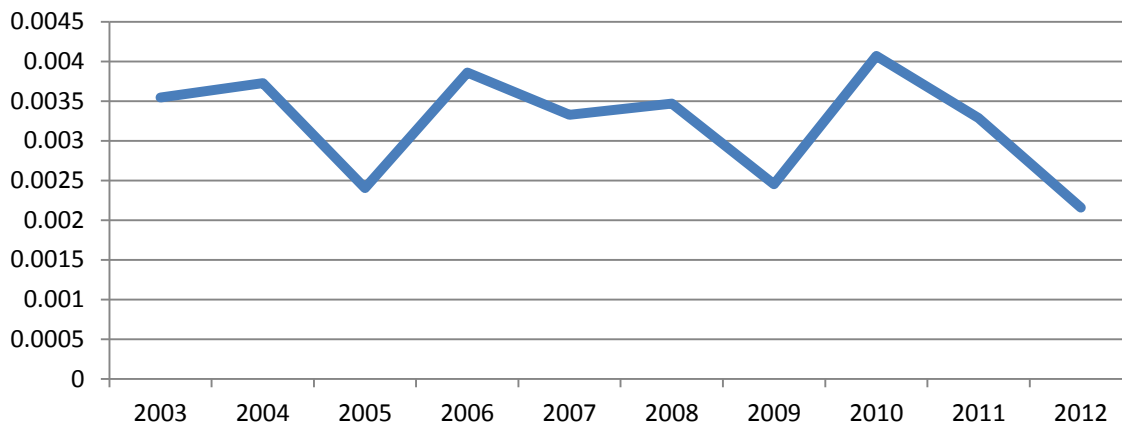
Major Injuries



Fatalities



Fatalities Per VMT (Polk County)



Notes:
 1. Source: SCOPM Task Force Findings on National-Level Performance Measures

Data Source:
 ■ CMAT Crashes 2003-2012
 Iowa Department of Transportation

The number of fatalities per Vehicle Mile Traveled (VMT) is a common measure for crash data and is one that is recommended by the American Association of State Highway Transportation Officials (AASHTO).¹