

On July 11th, Katie Gatz, Director of the Trauma and Injury Prevention Division, hosted a Trauma Registry Training event at the ISDH.

On July 14th Katie attended a meeting with the Indiana Brain Injury Leadership Board.

On July 24th Katie presented at the St. Vincent Trauma Center Symposium.

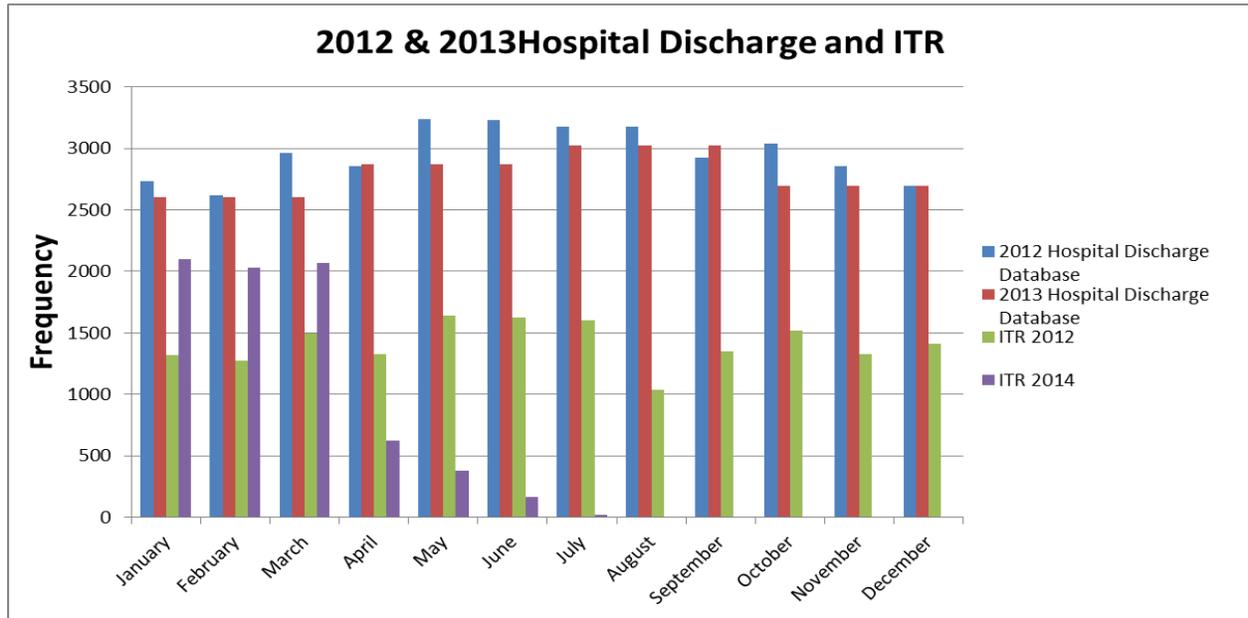
On July 31st Katie and Murray Lawry attended the TCC Designation Subcommittee meeting.

The 2013 data presented in this report is now complete.

The Indiana Trauma Registry (ITR) monthly report is a dashboard style report for the Indiana Criminal Justice Institute (ICJI) and any other party concerned about trauma in Indiana. This report highlights the four data quality measures for the ICJI grant: completeness, timeliness, uniformity, and integration. This report uses data within the ITR, with an emphasis on motor vehicle collisions

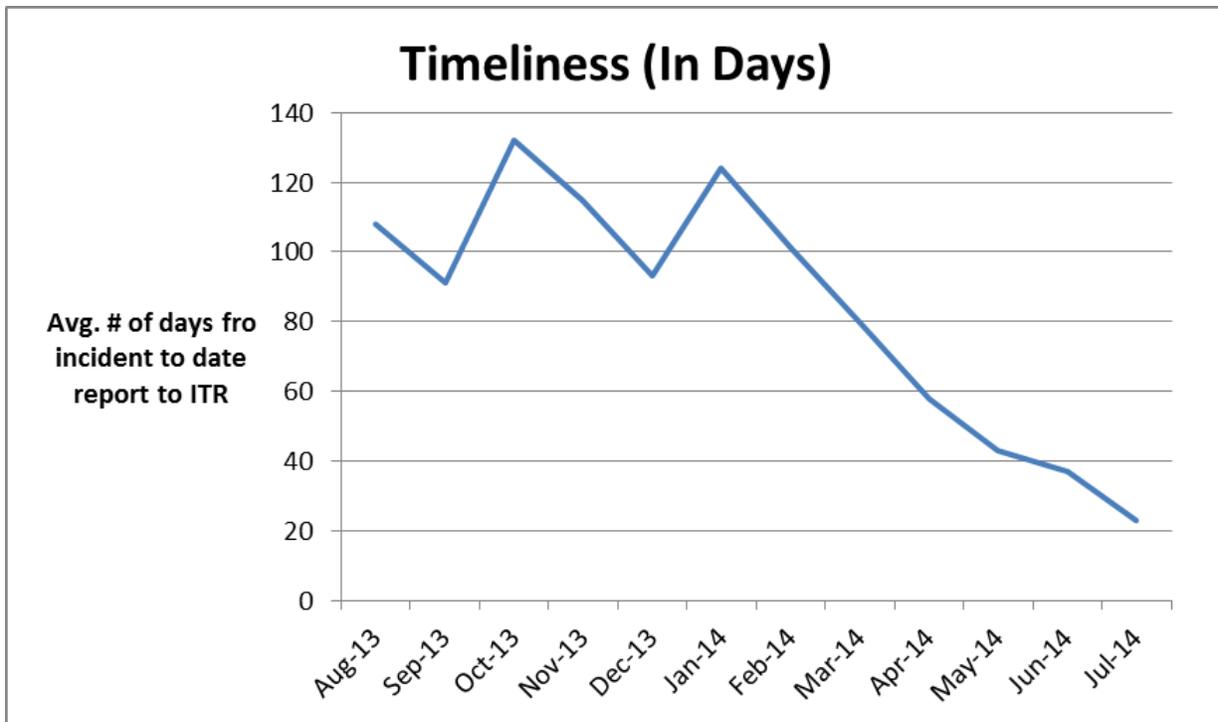
Completeness

The Hospital Discharge database, also maintained by the ISDH, contains all records of patients cared for in Indiana hospitals. We compared patient records from the ITR with the Hospital Discharge database to know how complete is the ITR's data.



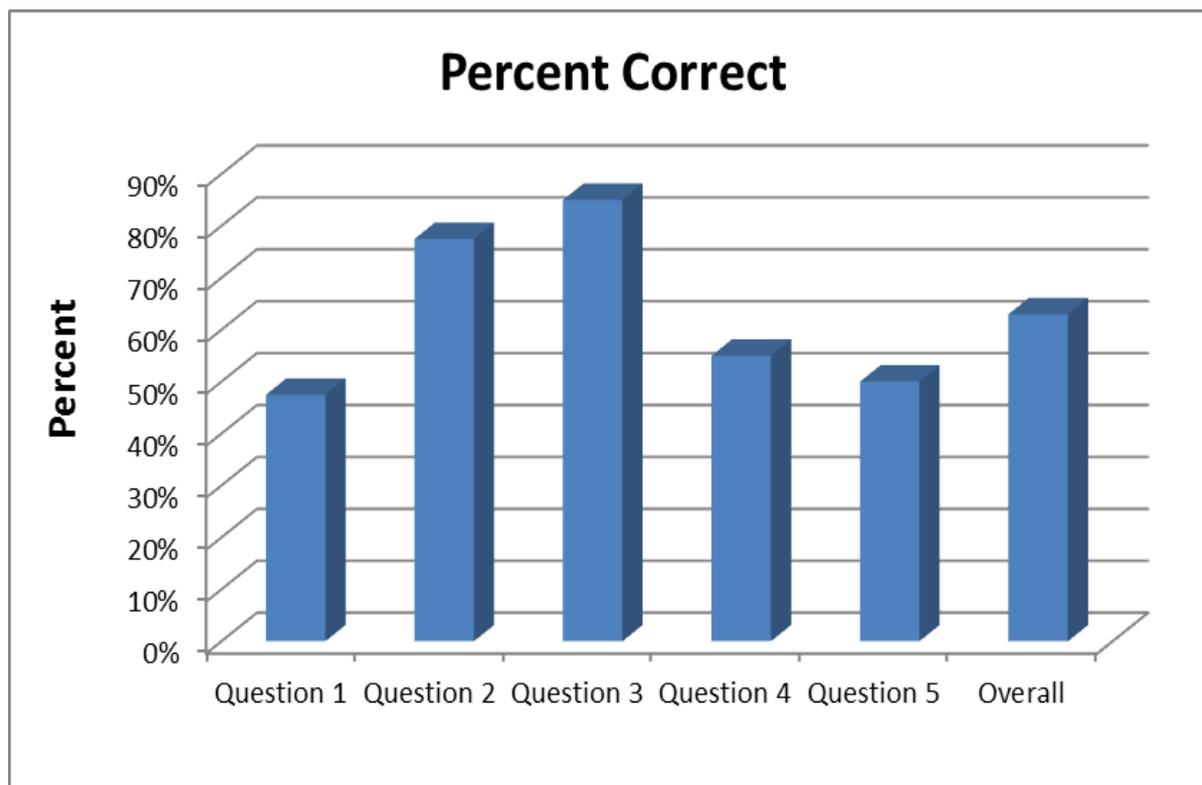
Timeliness increases as facilities wait until the data submission deadline to submit data to the ITR. Hospitals are asked to report data on the national trauma (TQIP) reporting schedule.

The decrease in timeliness from April 2014 until July 2014 is due to only timely reports being provided to the ITR during this time frame, typically from non-trauma hospitals and early reporting trauma centers.



Uniformity

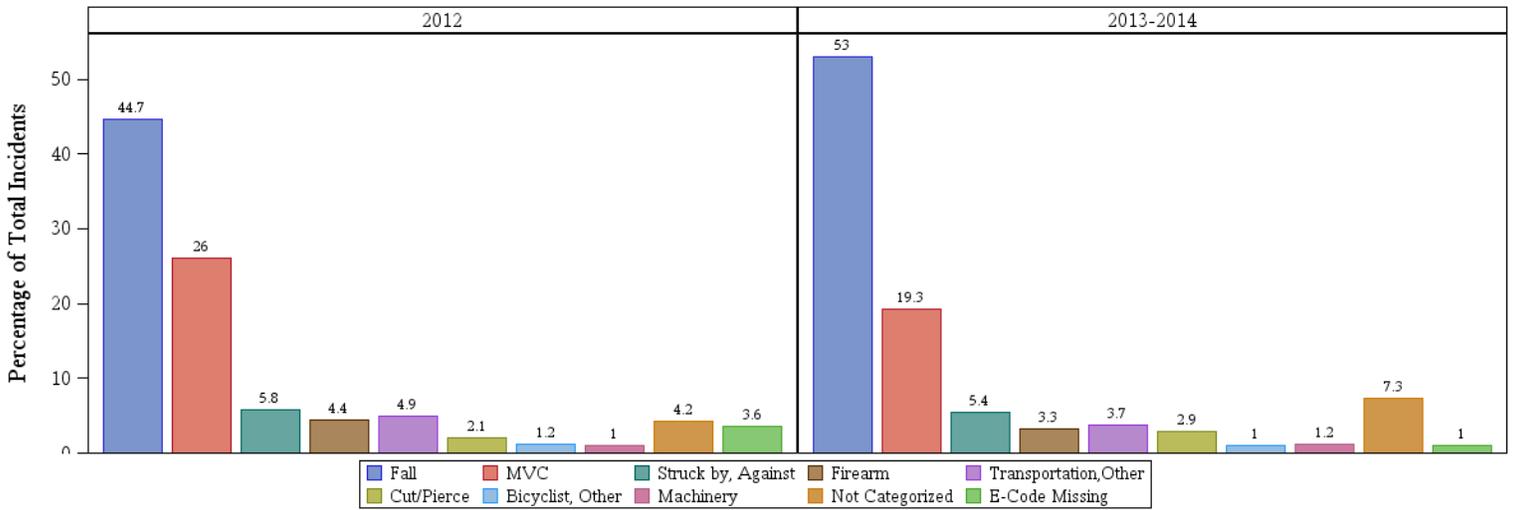
In July we sent out the sixth monthly quiz for the inter-rater reliability study. Forty registrars completed the quiz from 36 hospitals. The percent of correct answers was 63% for the entire quiz and the average free-marginal Kappa (measure of consistency) 0.47. We plan to collect data for four months and track trends in percent of correct answers by individuals and as a group over time as well as their consistency. Other activities to improve the uniformity of data includes trauma registrar training throughout the state and at the Indiana State Department of Health.



Integration

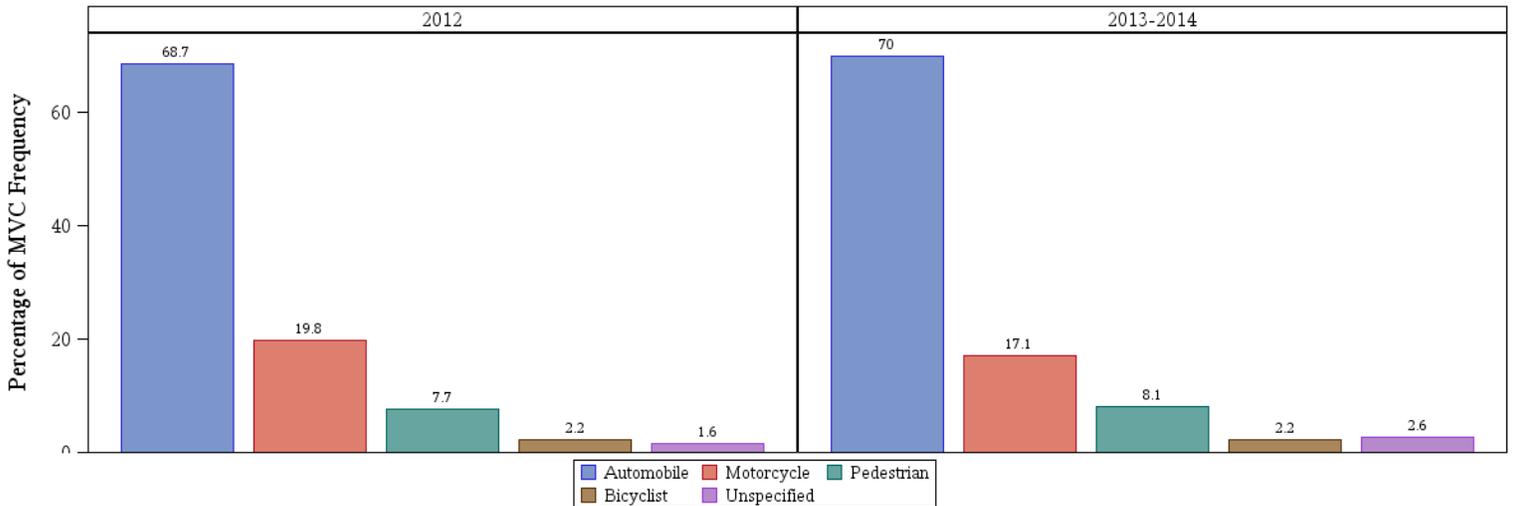
The percent of linked trauma cases that were transported by EMS services was 46.3%. This percentage is part of the baseline measurement from which we will track changes over the next year.

January 2012 to July 2014 52948 Incidents
Cause of Injury (COI)

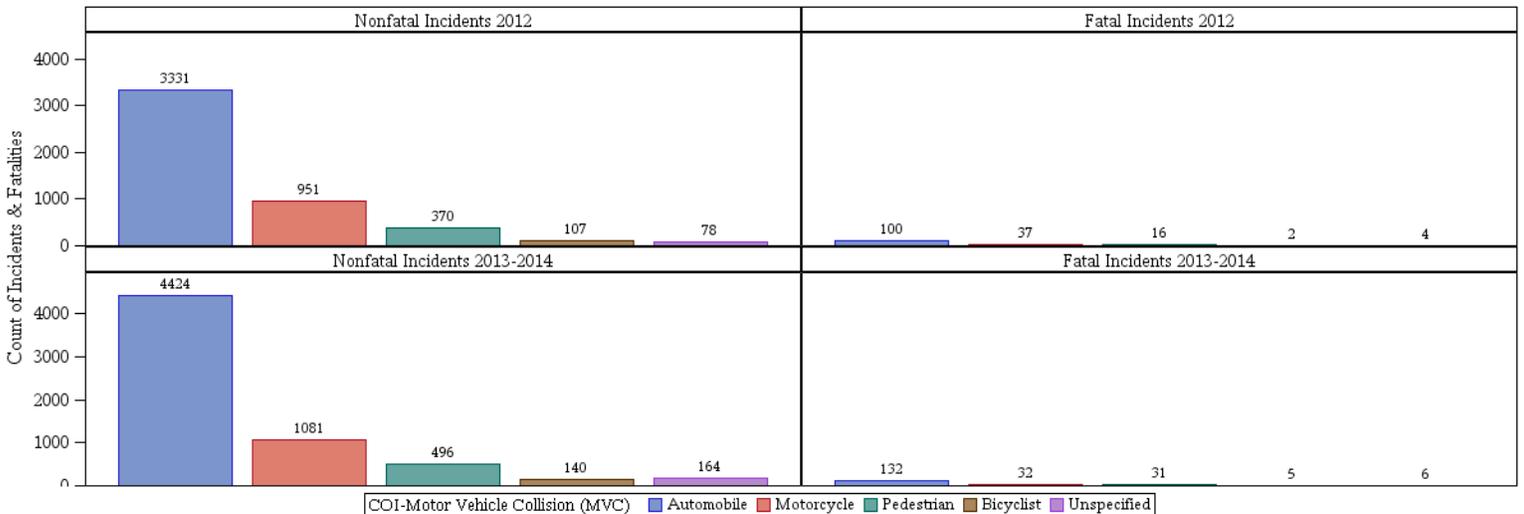


<1% of COI: Pedestrian (Other), Natural/Environmental, Overexertion, Fire/Burn, and Bites/Stings

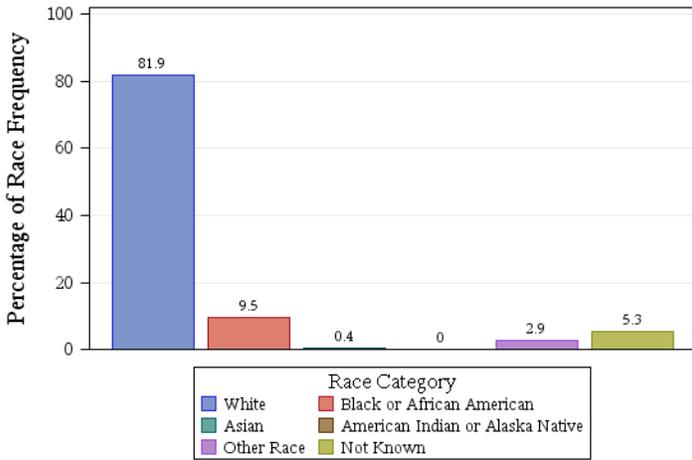
COI-Motor Vehicle Collision (MVC)



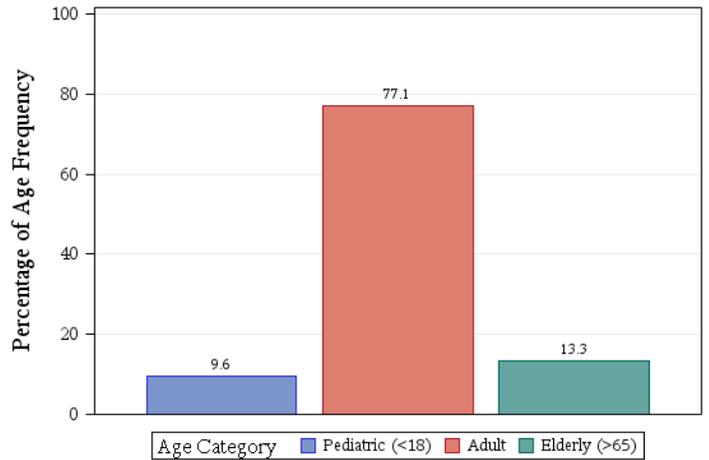
COI-MVC Nonfatal Incidents and Fatal Incidents



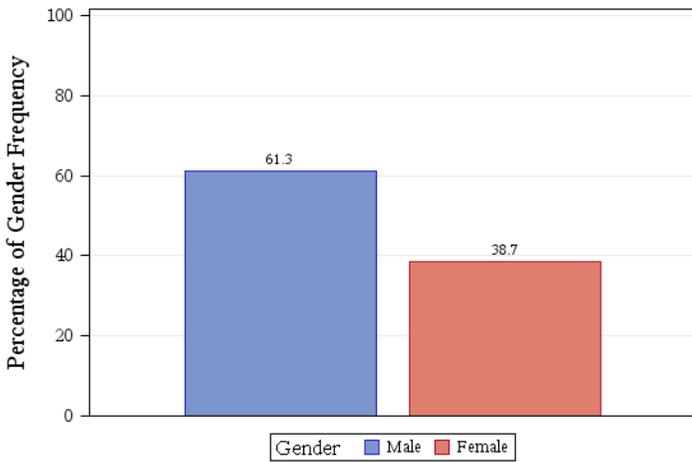
Race



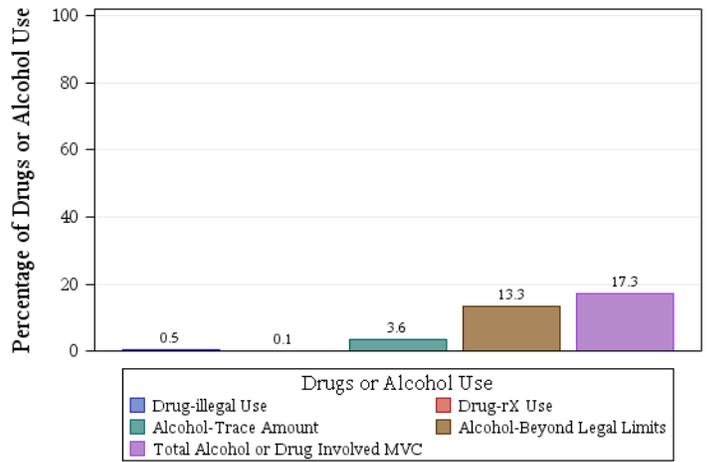
Age



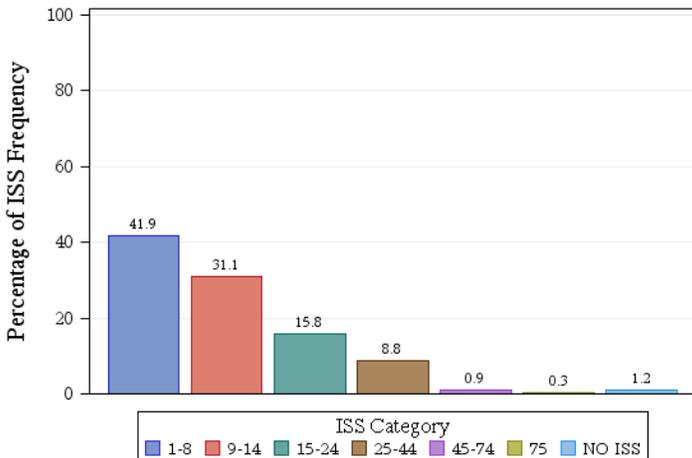
Gender



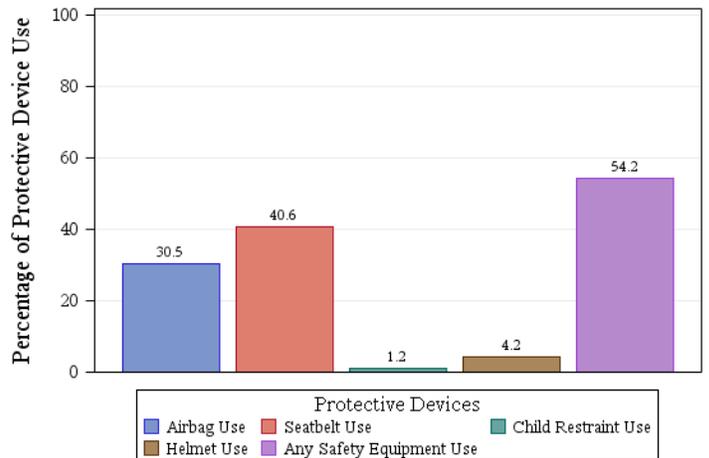
Drug & Alcohol Use



Injury Severity Score

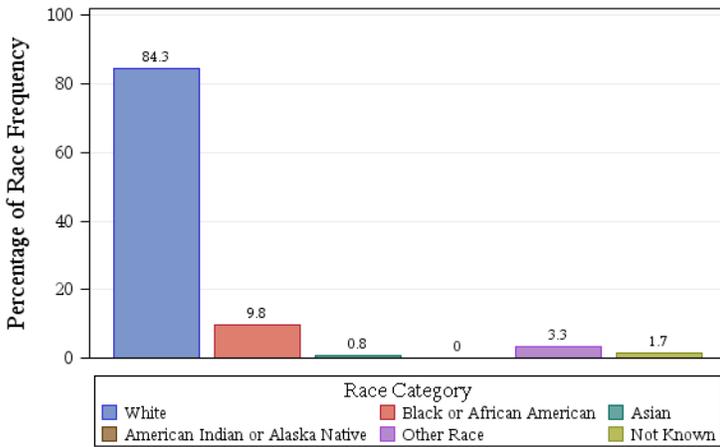


Protective Devices

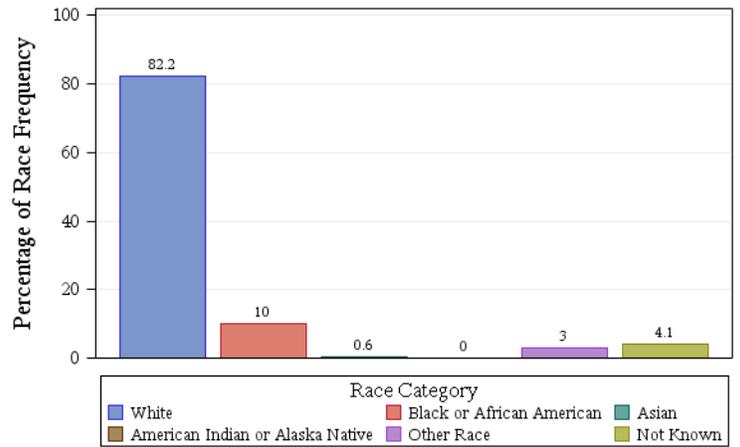


Injury Severity Score (ISS) is a measure of how bad the injury is. Scores over 15 are considered major trauma. A score of 75 is considered not survivable.

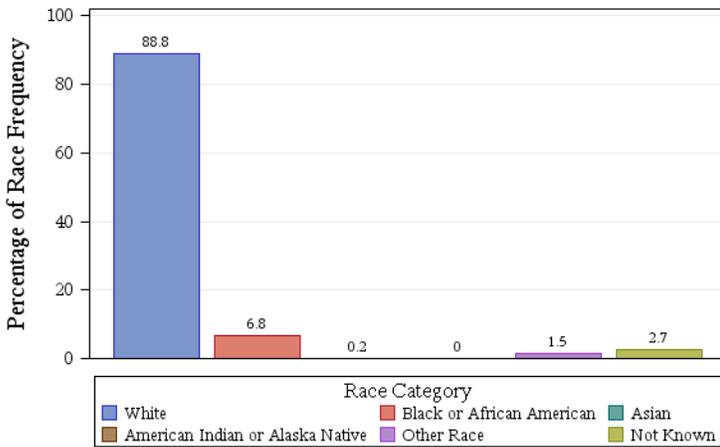
2012



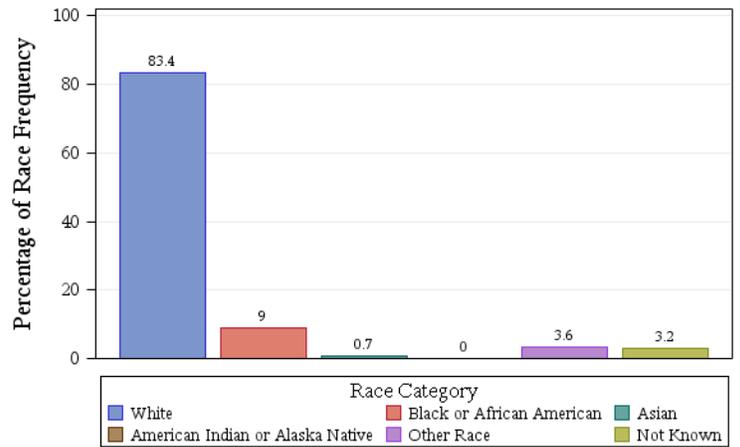
2013-2014



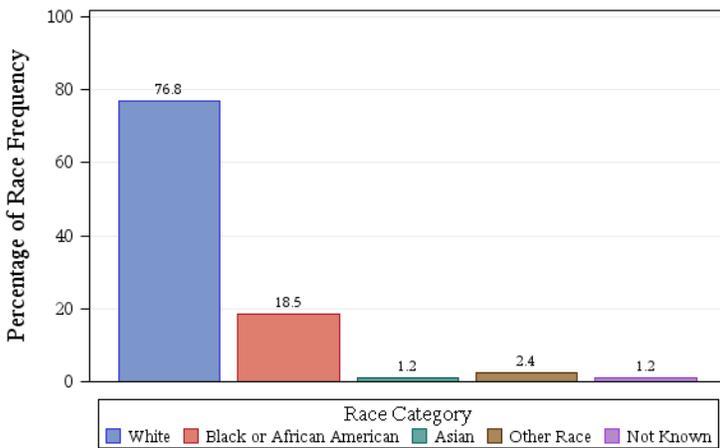
**Motorcycle
2012-2014**



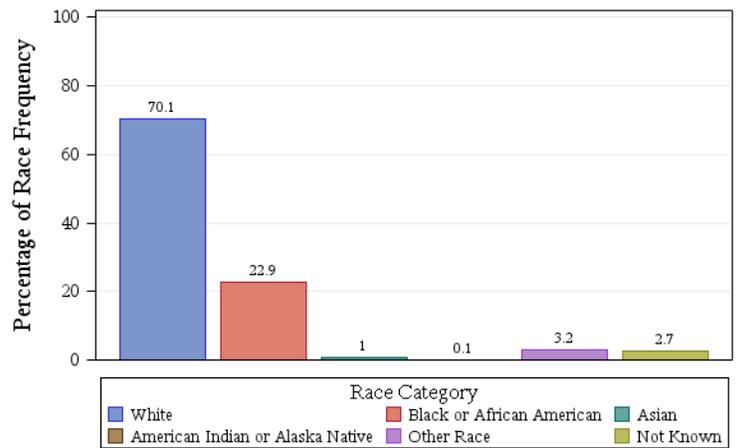
**Automobile
2012-2014**



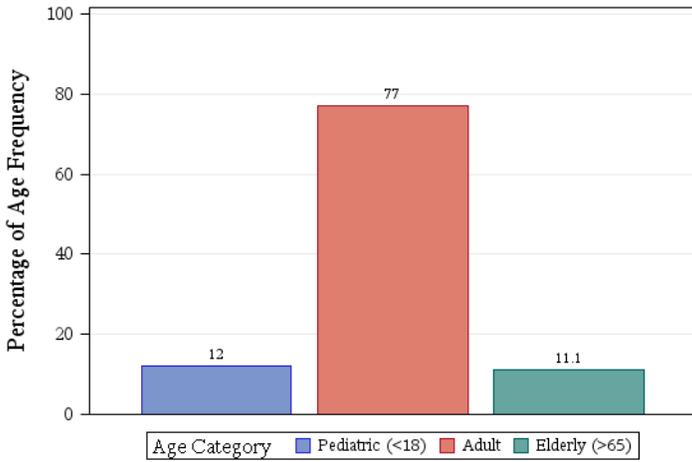
**Bicyclist
2012-2014**



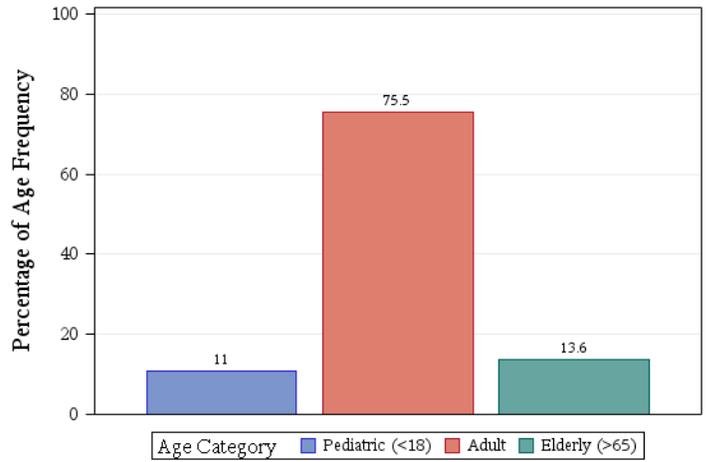
**Pedestrian
2012-2014**



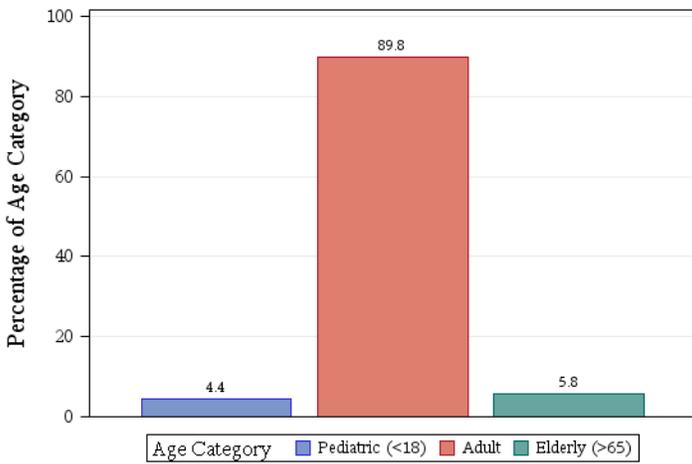
2012



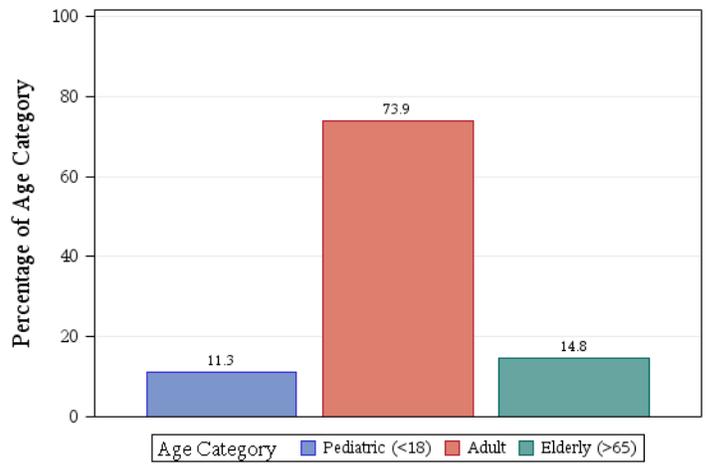
2013-2014



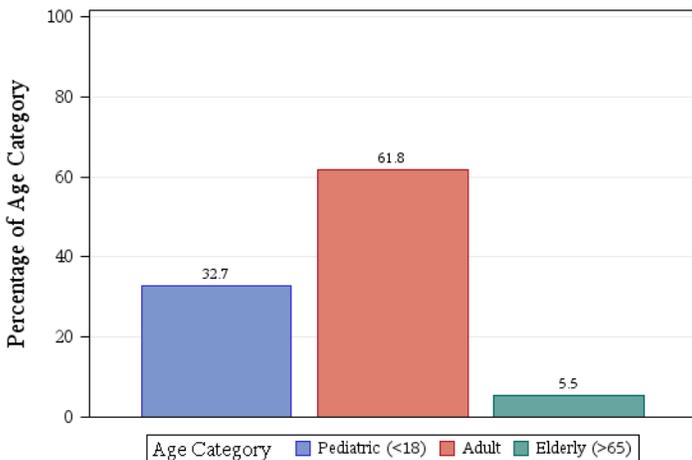
Motorcycle
2012-2014



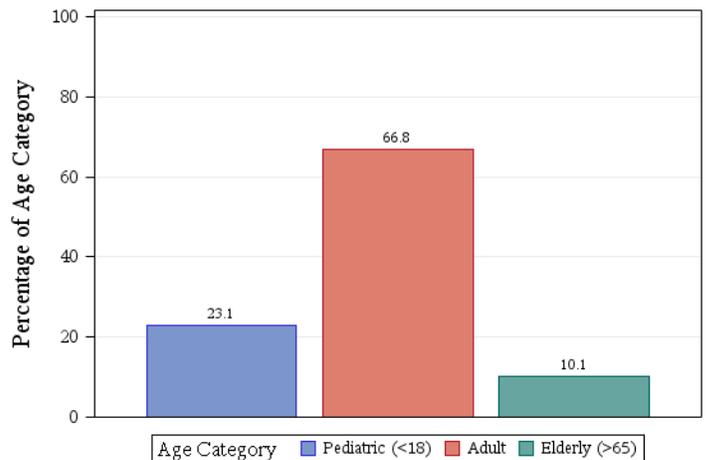
Automobile
2012-2014



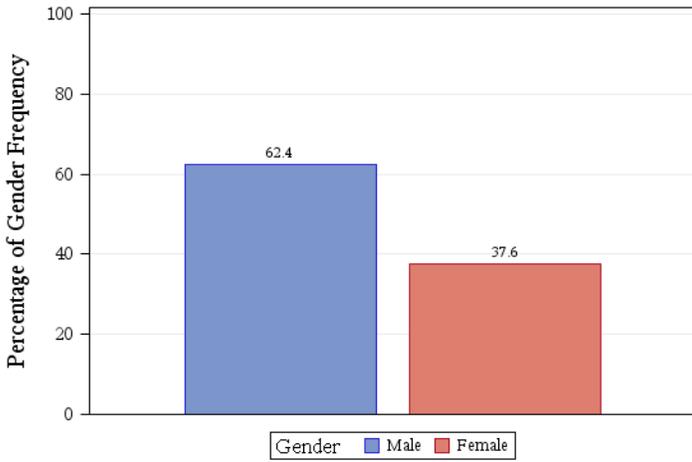
Bicyclist
2012-2014



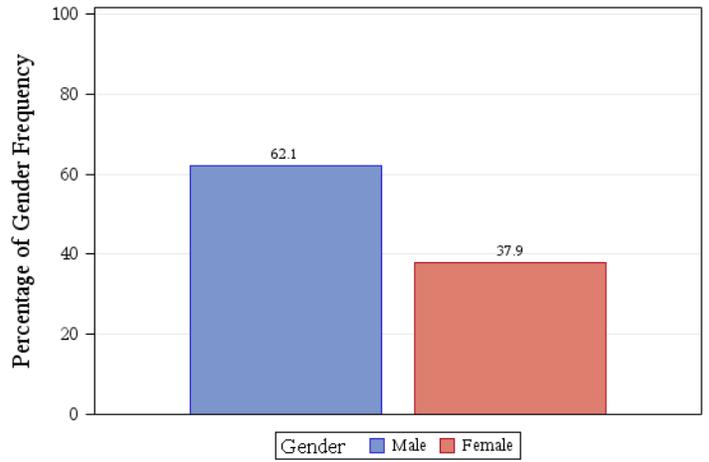
Pedestrian
2012-2014



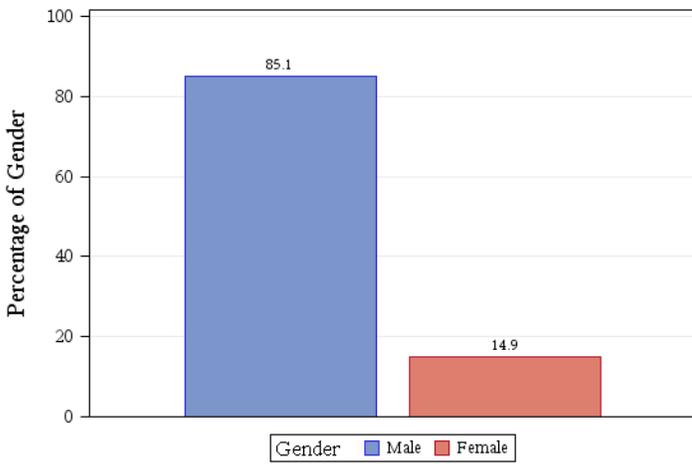
2012



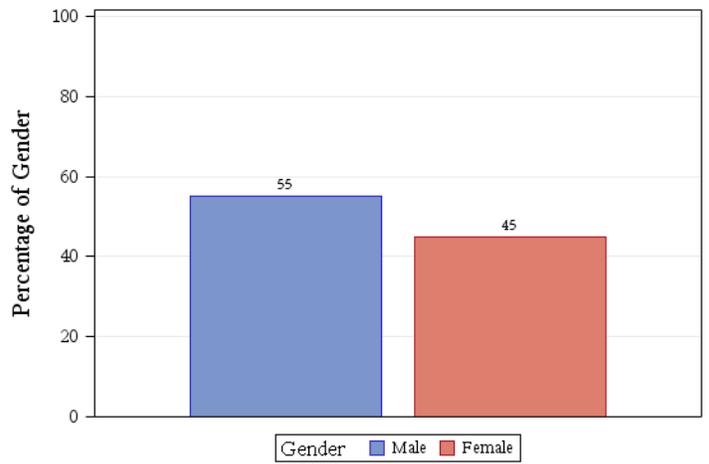
2013-2014



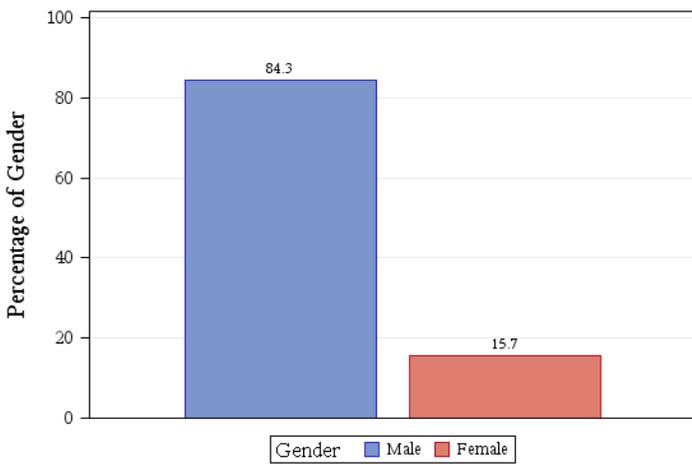
**Motorcycle
2012-2014**



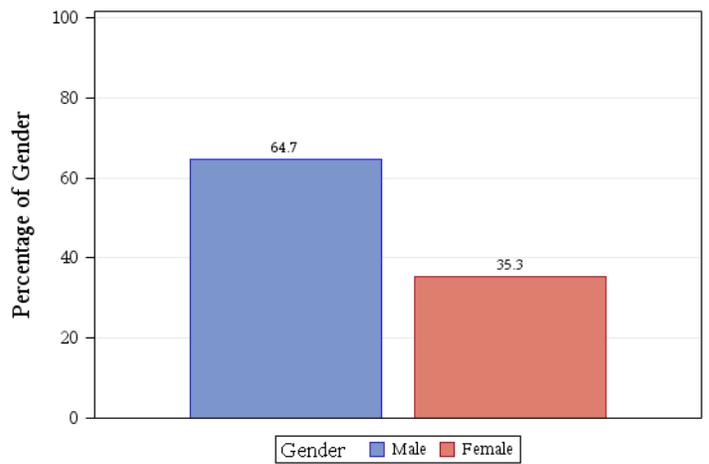
**Automobile
2012-2014**



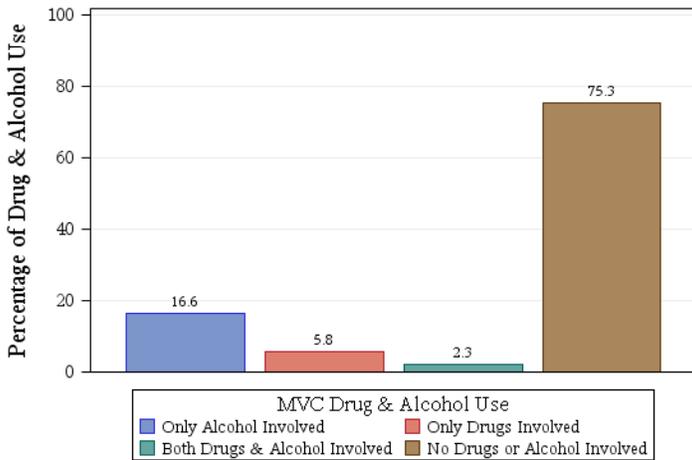
**Bicyclist
2012-2014**



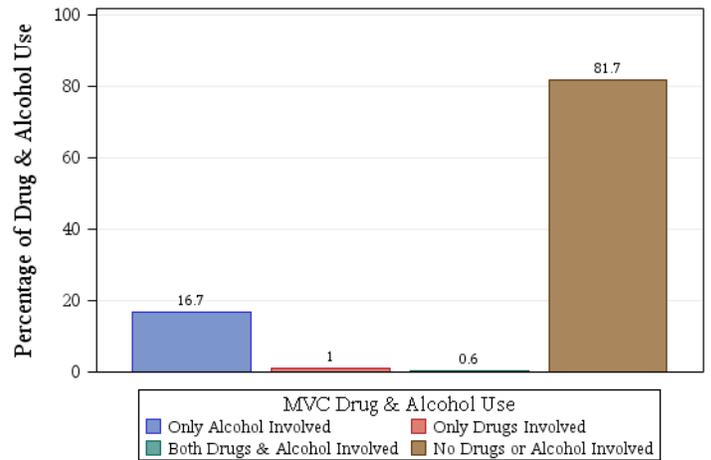
**Pedestrian
2012-2014**



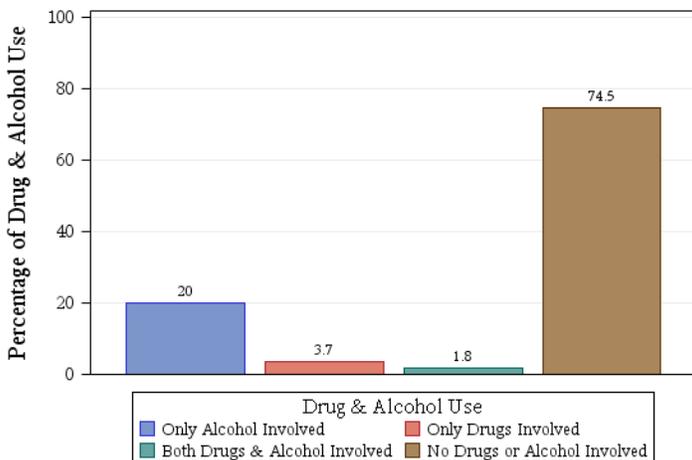
2012



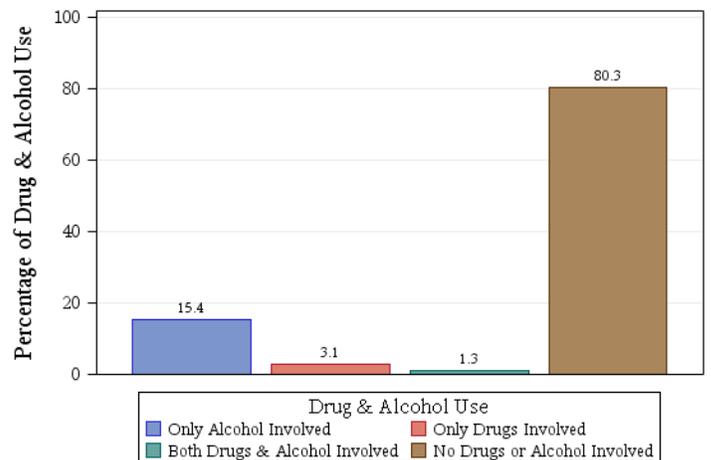
2013-2014



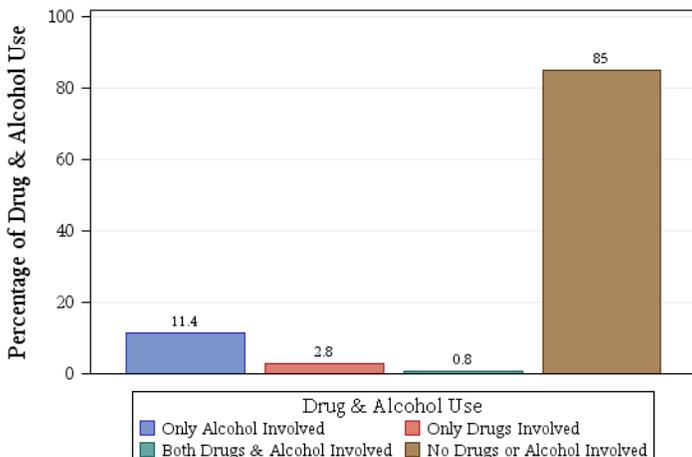
**Motorcycle
2012-2014**



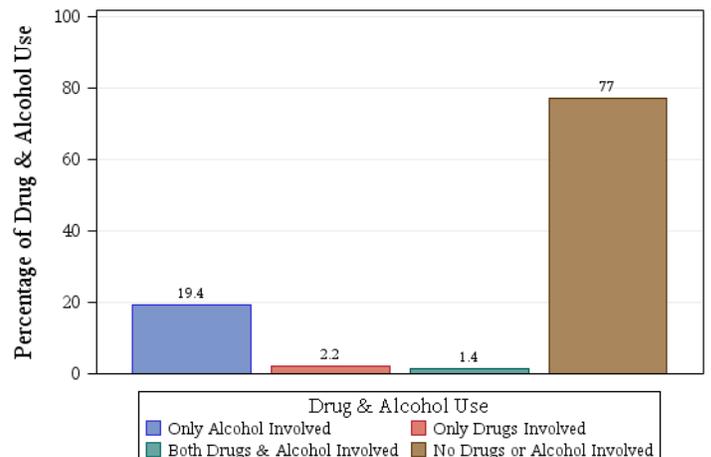
**Automobile
2012-2014**



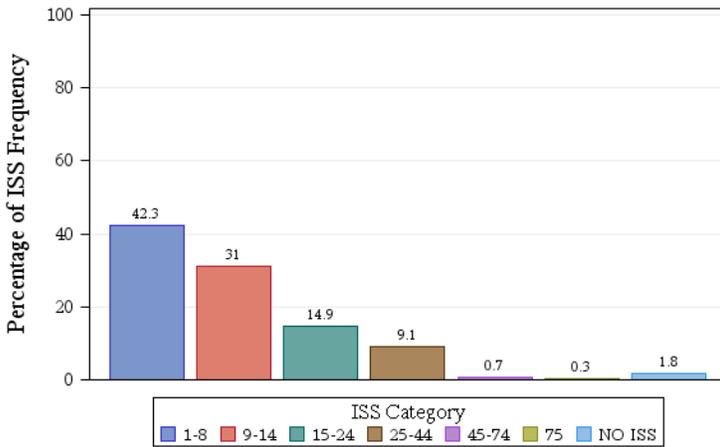
**Bicyclist
2012-2014**



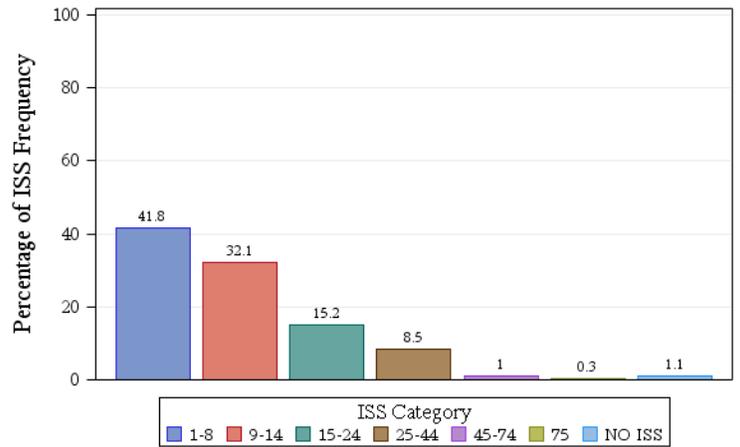
**Pedestrian
2012-2014**



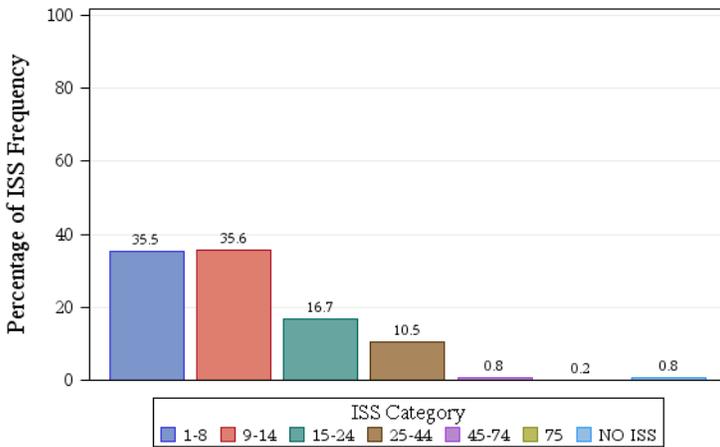
2012



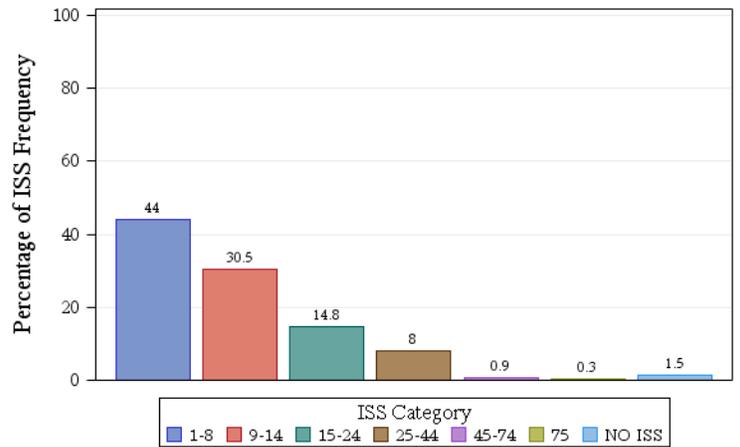
2013-2014



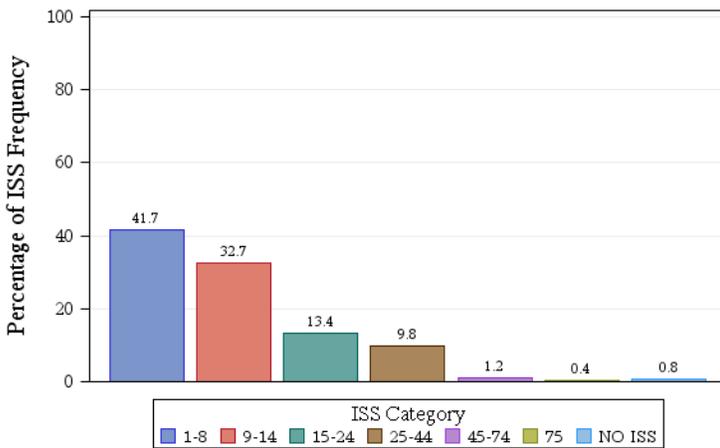
**Motorcycle
2012-2014**



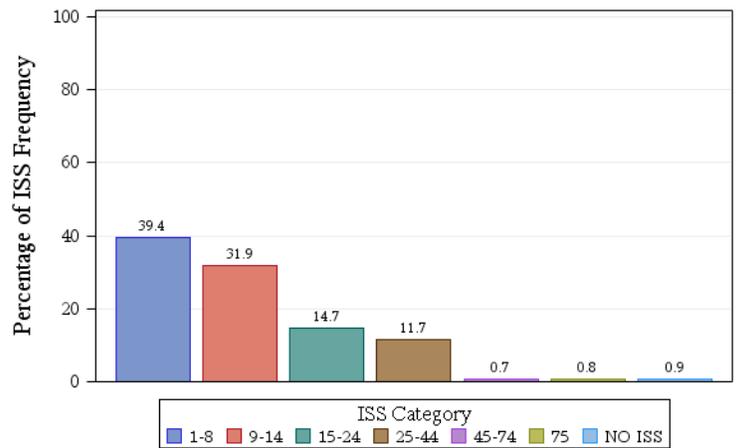
**Automobile
2012-2014**



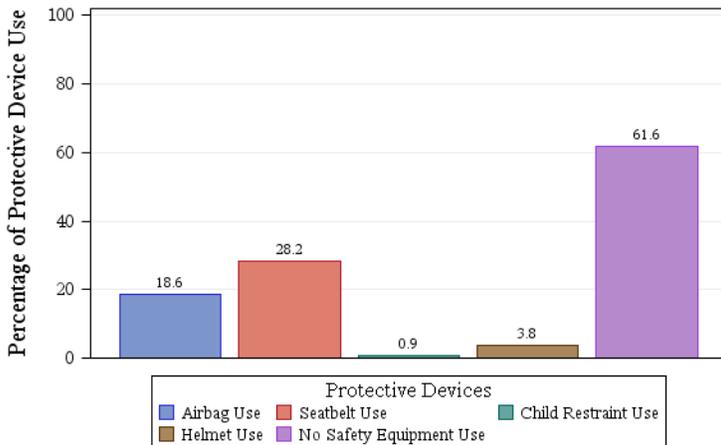
**Bicyclist
2012-2014**



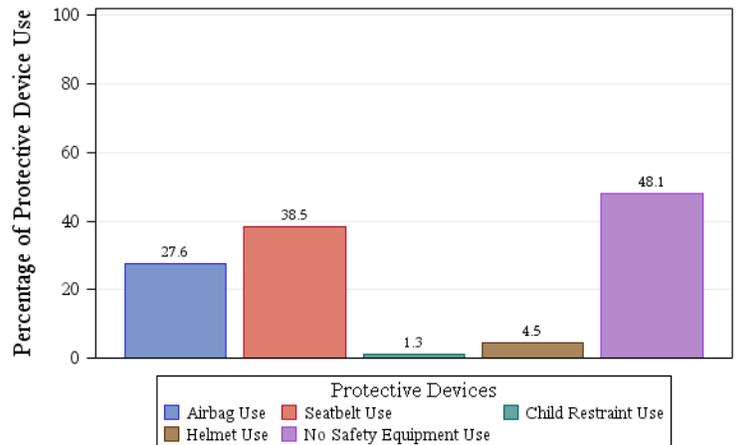
**Pedestrian
2012-2014**



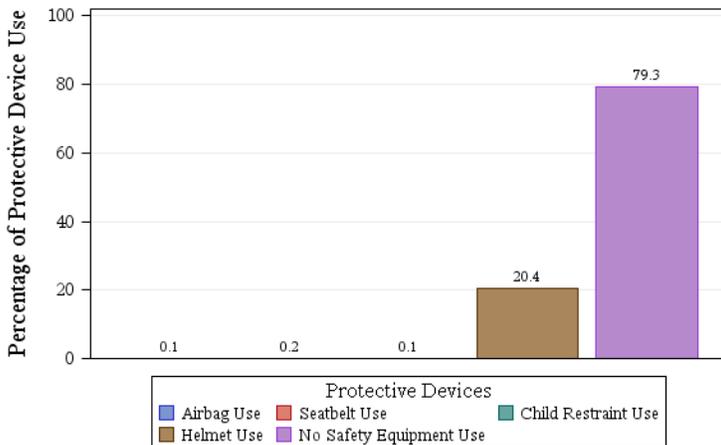
2012



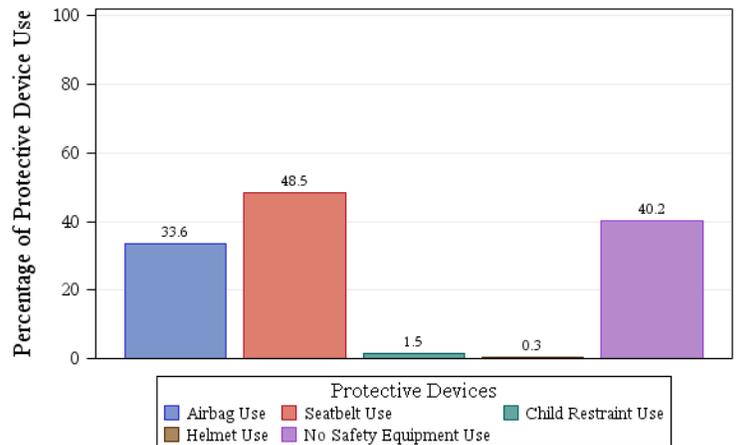
2013-2014



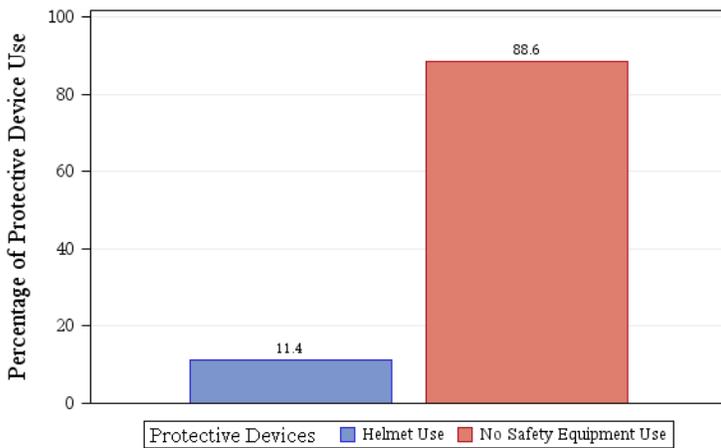
**Motorcycle
2012-2014**



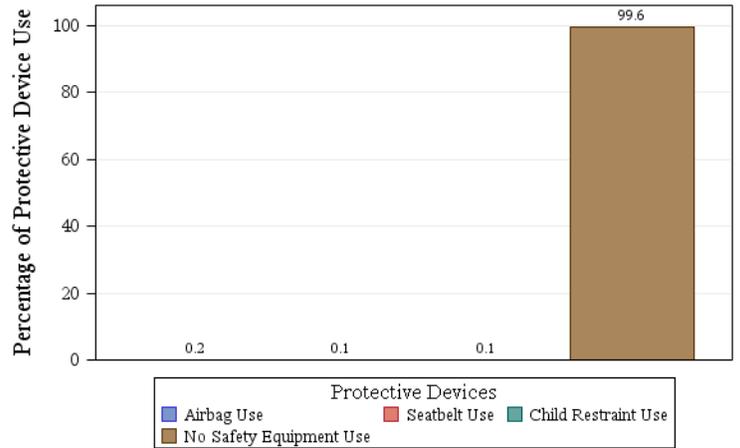
**Automobile
2012-2014**



**Bicyclist
2012-2014**



**Pedestrian
2012-2014**



Indiana Trauma Registry, June 3, 2013-June2,2014 MVC involving Drugs or Alcohol By Public Health Preparedness Districts

