

On October 1st, Ramzi Nimry (Trauma System PI Manager) trained Monroe Hospital in Bloomington on the trauma registry.

On October 16th, Ramzi Nimry (Trauma System PI Manager) attended the Eskenazi Health 22nd Annual Trauma & Surgical Critical Care Symposium in Indianapolis.

On October 19th, Katie Hokanson (Director, Division of Trauma and Injury Prevention) and Ramzi Nimry (Trauma System PI Manager) attended the Designation Subcommittee in Indianapolis at Eskenazi Health.

On October 22nd, Camry Hess (Database Analyst Epidemiologist) and Ramzi Nimry (Trauma System PI Manager) attended the District 10 Trauma Regional Advisory Council (D10 TRAC) meeting in Vincennes at Good Samaritan Hospital.

On October 28th, Ramzi Nimry (Trauma System PI Manager) attended the Second Annual Franciscan Alliance Northern Hospitals Trauma Symposium at St. Anthony Health in Crown Point.

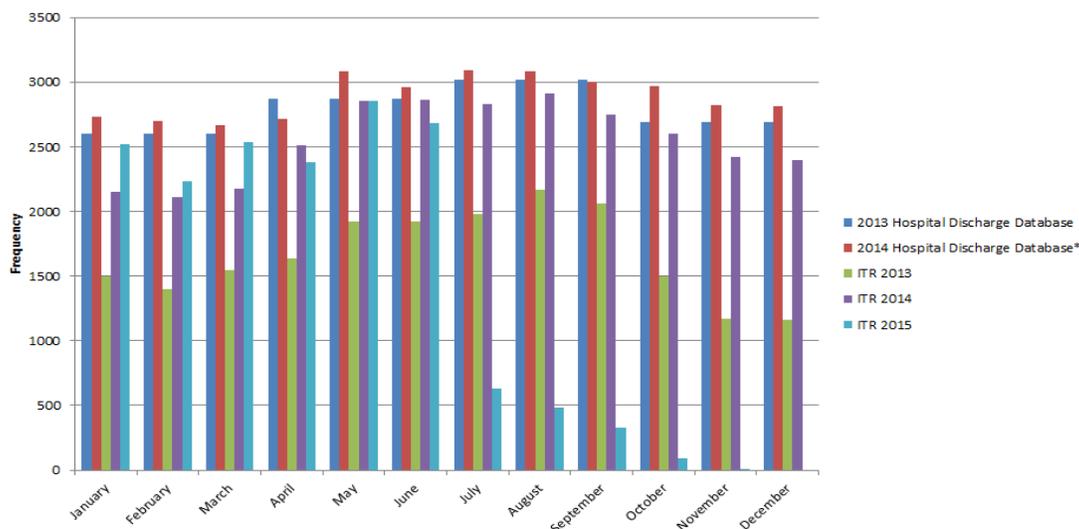
On October 30th, Camry Hess (Database Analyst Epidemiologist) and Ramzi Nimry (Trauma System PI Manager) attended the Indiana State Trauma Care Committee (ISTCC) and the Indiana Trauma Network (ITN).

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, integration and accessibility. This report uses data within the ITR, with an emphasis on motor vehicle collisions (MVC).

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.

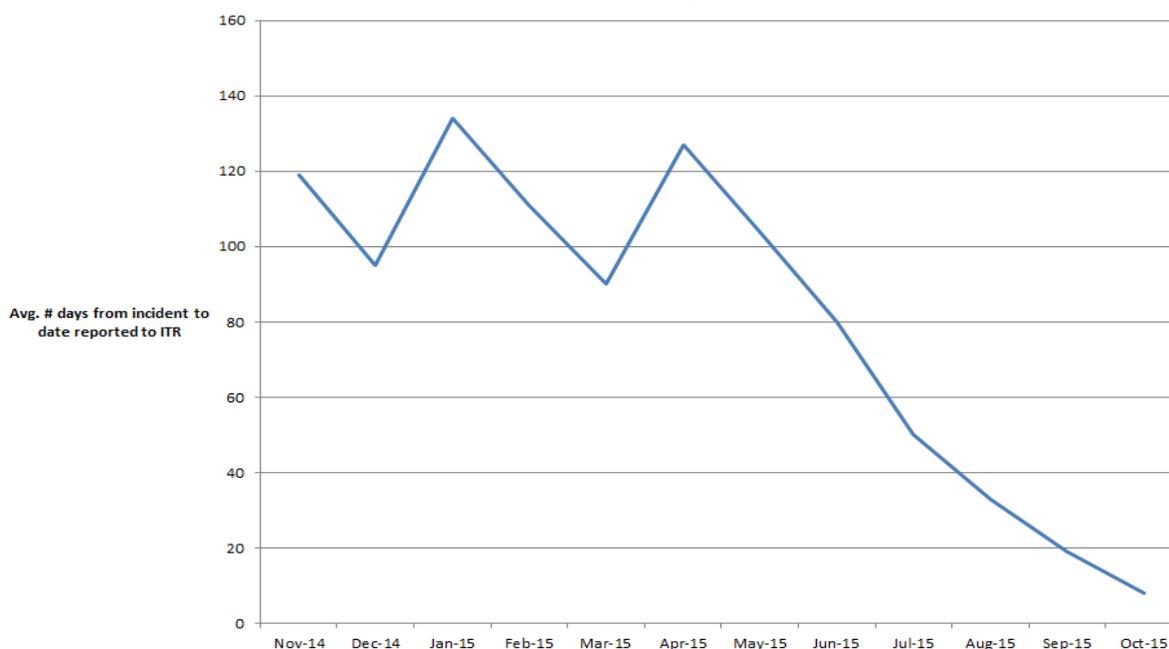
2013-2015 Hospital Discharge and ITR



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 May 2015 until October 2015 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.

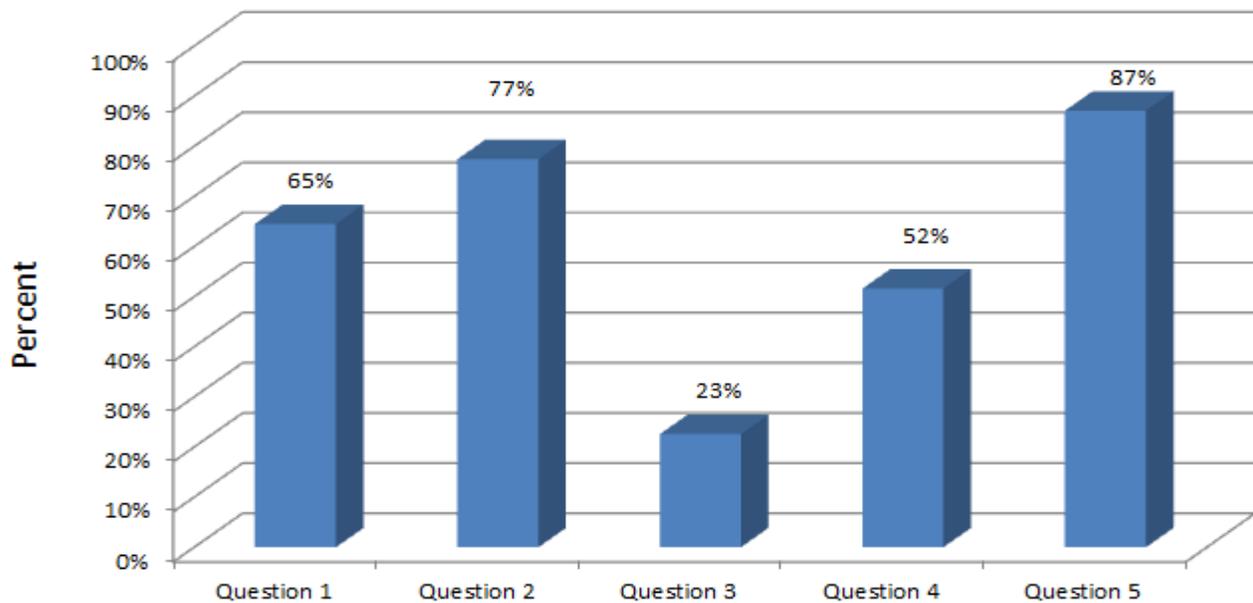
Timeliness (In Days)



Uniformity

In October we sent out the twentieth monthly quiz for the inter-rater reliability study. Sixty-two registrars completed the quiz from 44 hospitals. The percent of correct answers was 61% for the entire quiz and the average free-marginal Kappa (measure of consistency) 0.375. 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. Oth-

Percent Correct

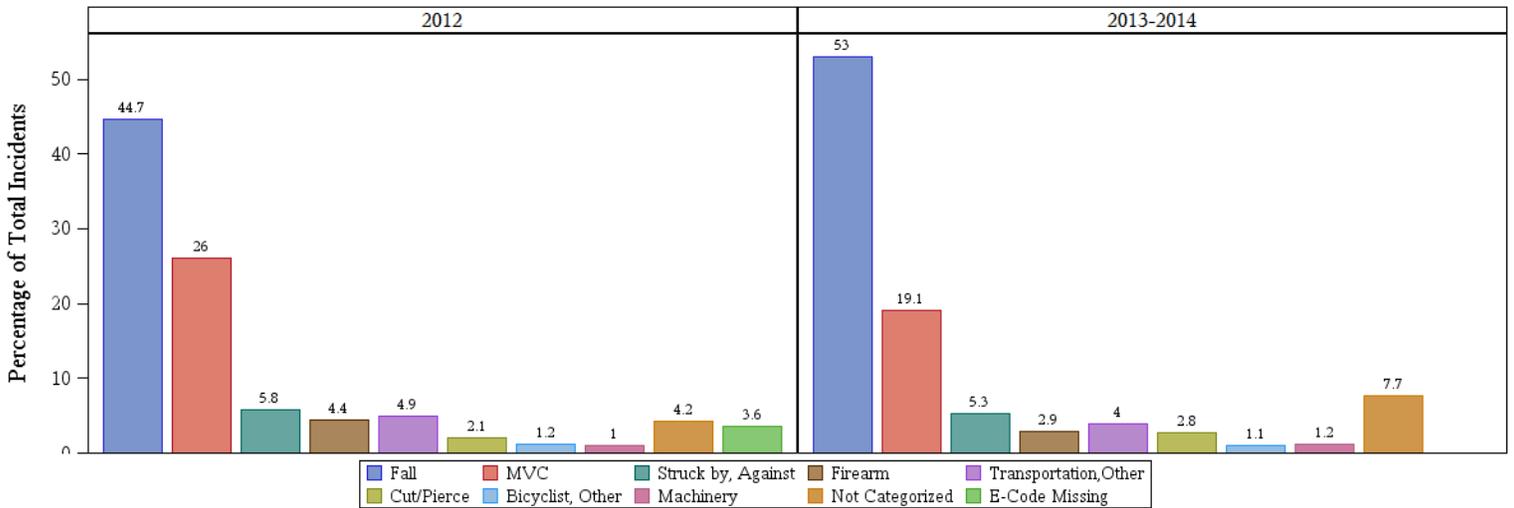


Integration

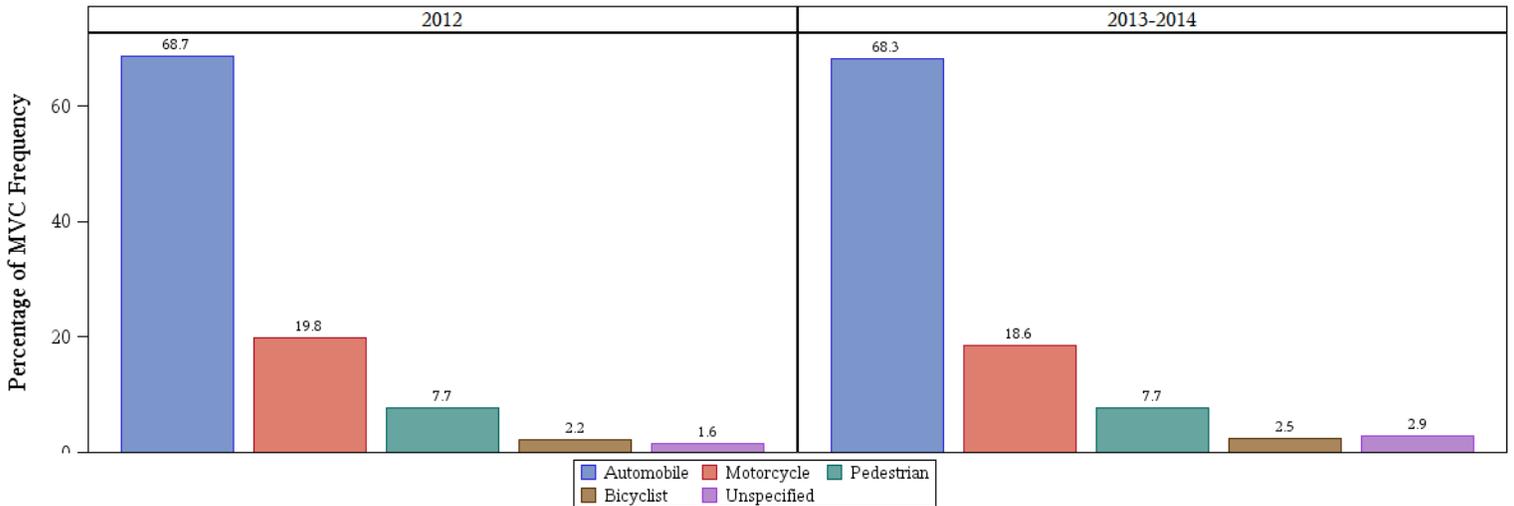
The number of linked EMS to trauma cases was 439 for Q1 2015 data. Trauma data is due on a quarterly basis.

Accessibility

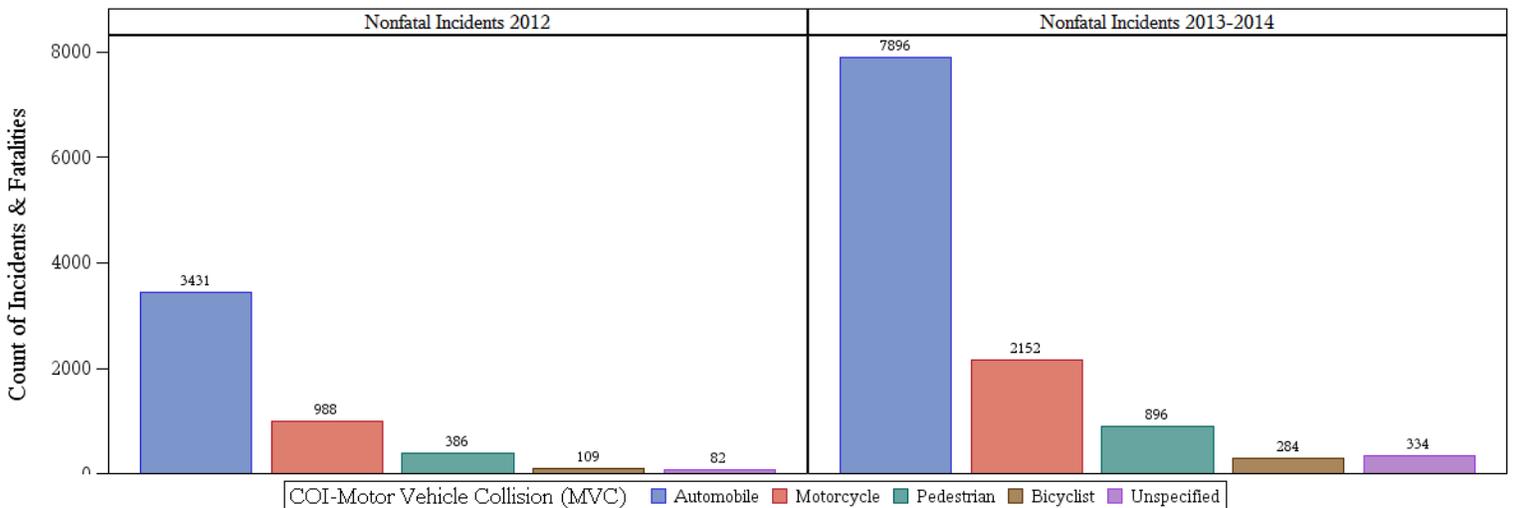
The average days to delivery for aggregate data was 1 day for identifiable data.



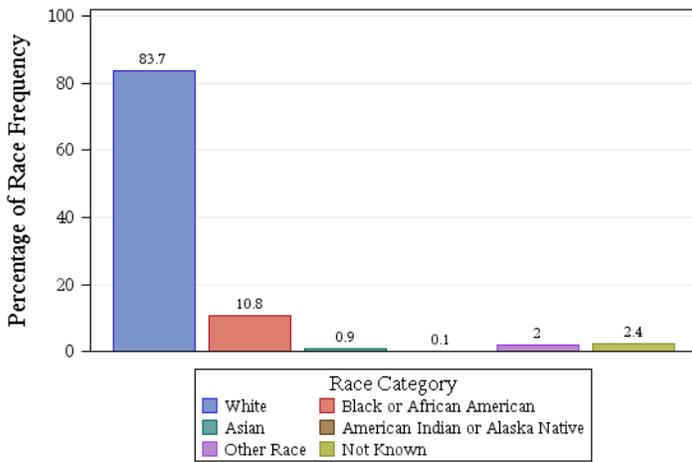
<1% of COI: Pedestrian (Other), Natural/Environmental, Overexertion, Fire/Burn, and Bites/Stings
COI-Motor Vehicle Collision (MVC)



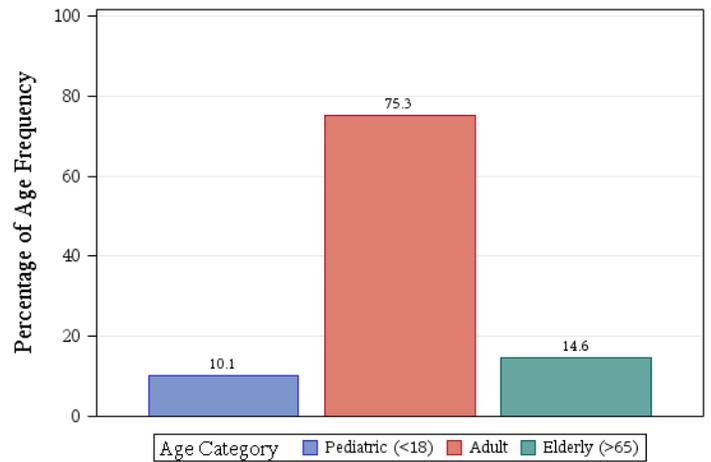
COI-MVC Nonfatal Incidents and Fatal Incidents



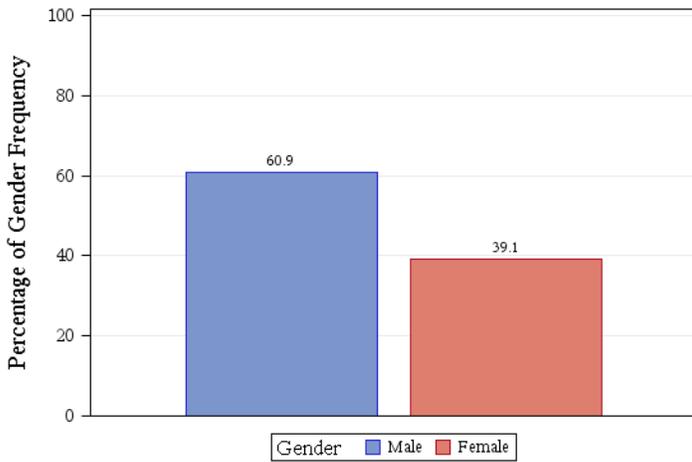
Race



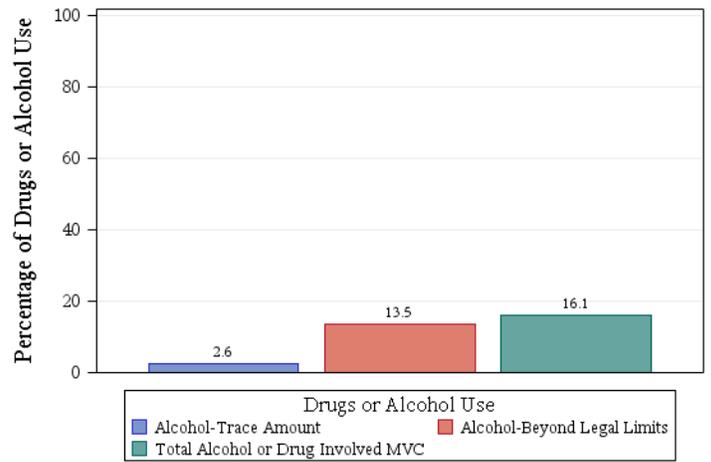
Age



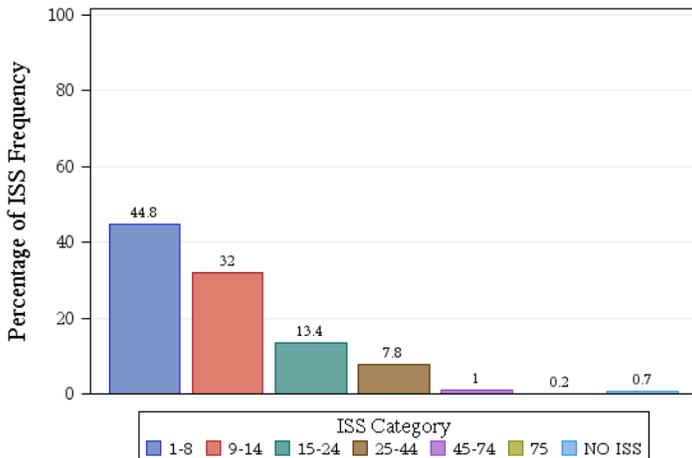
Gender



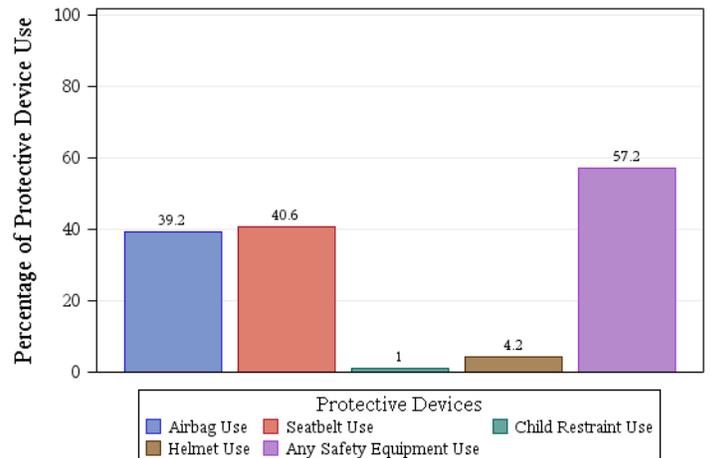
Drug & Alcohol Use



Injury Severity Score

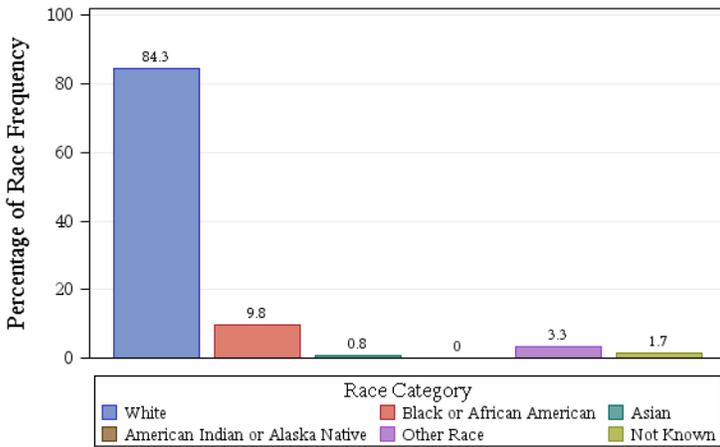


Protective Devices

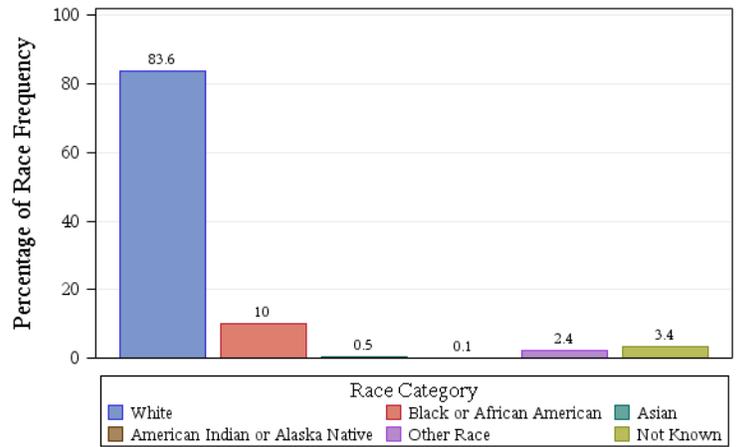


Injury Severity Score (ISS) is a measure of how bad the injury is. Scores over 15 are considered major trauma. A score of 75 is considered not survivable.

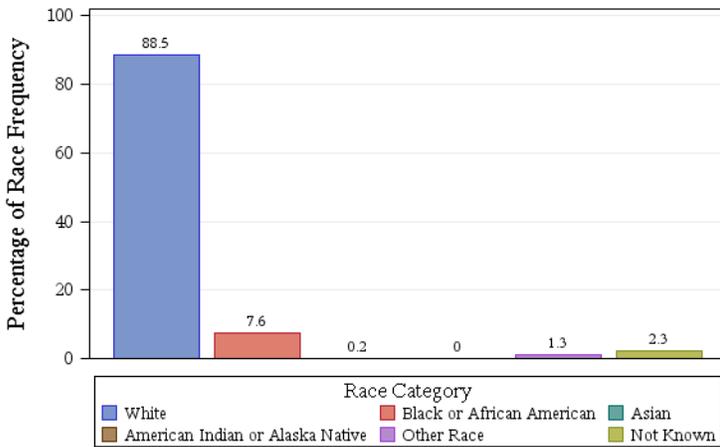
2012



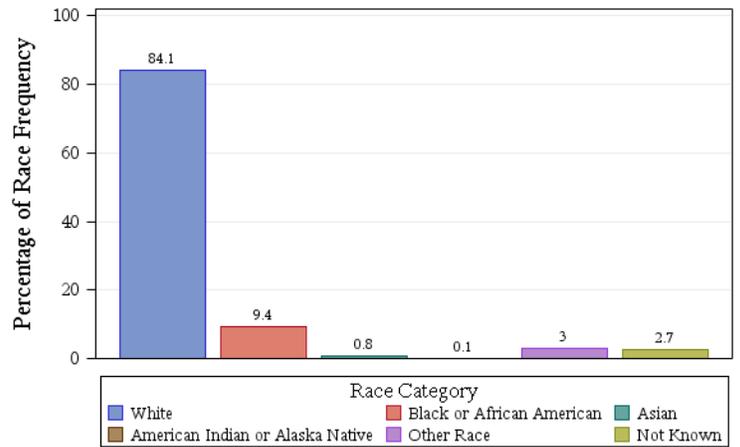
2013-2014



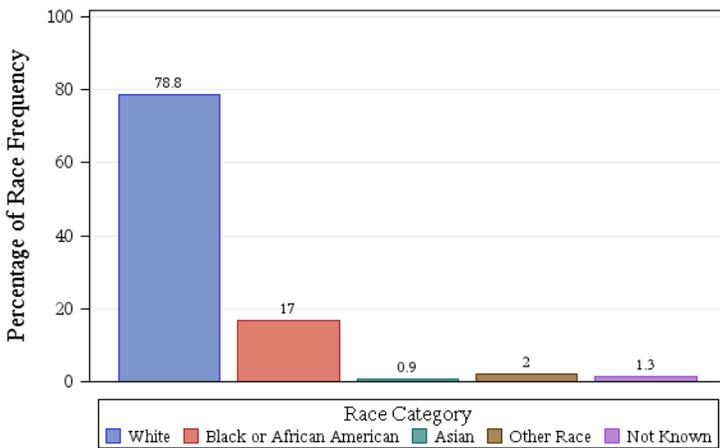
Motorcycle
2012-2014



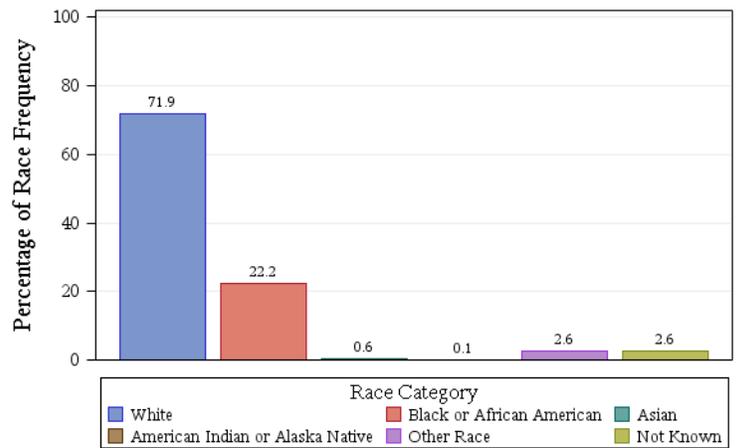
Automobile
2012-2014



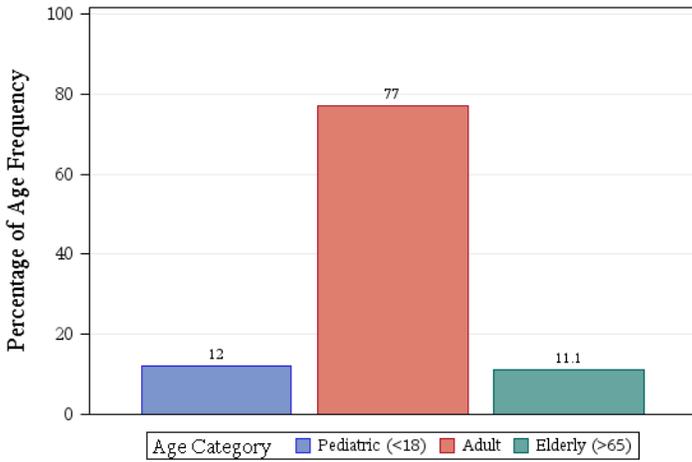
Bicyclist
2012-2014



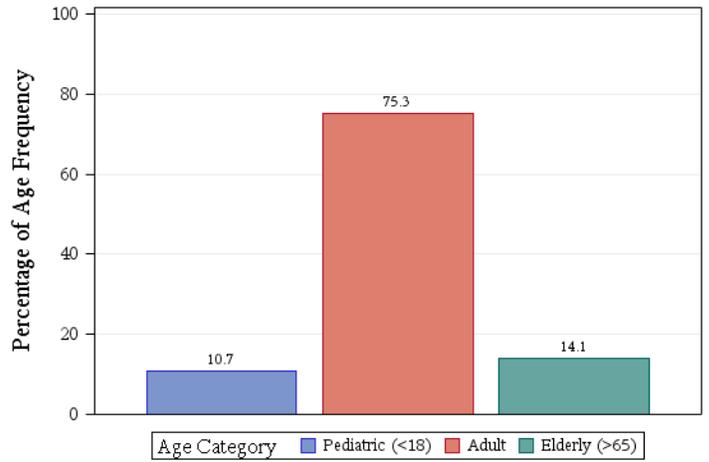
Pedestrian
2012-2014



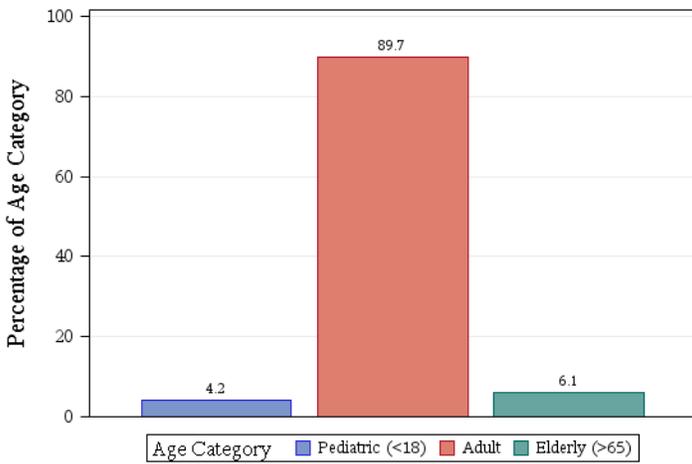
2012



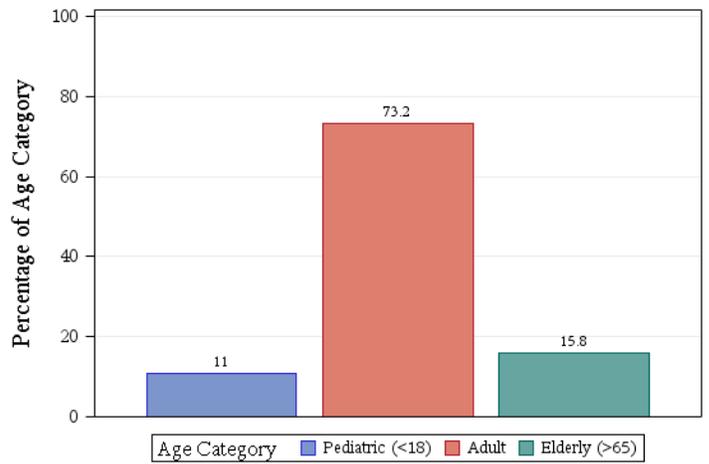
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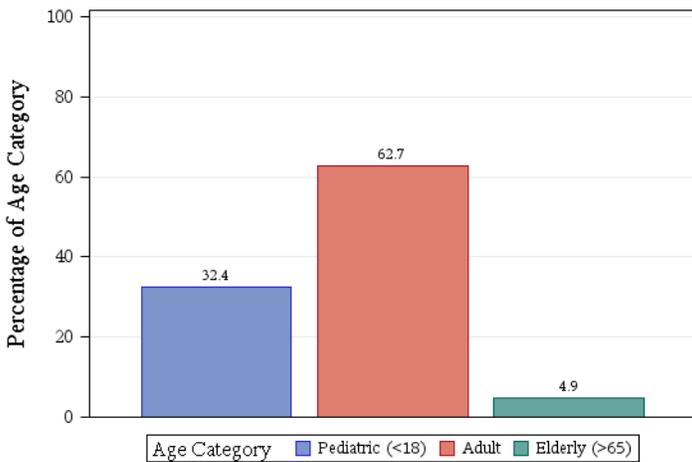
Motorcycle
2012-2014



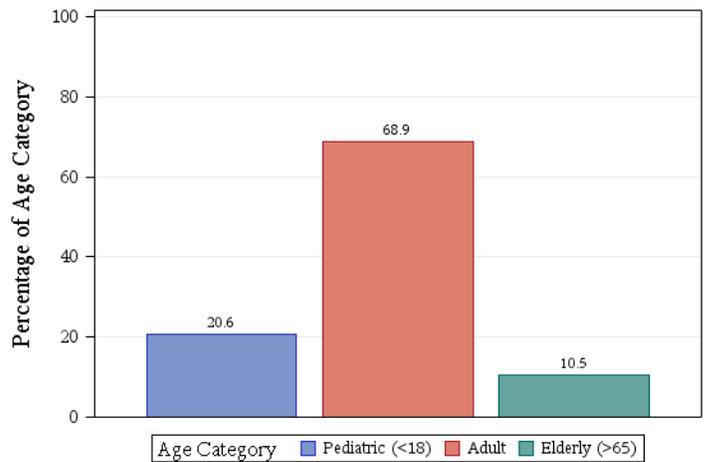
Automobile
2012-2014



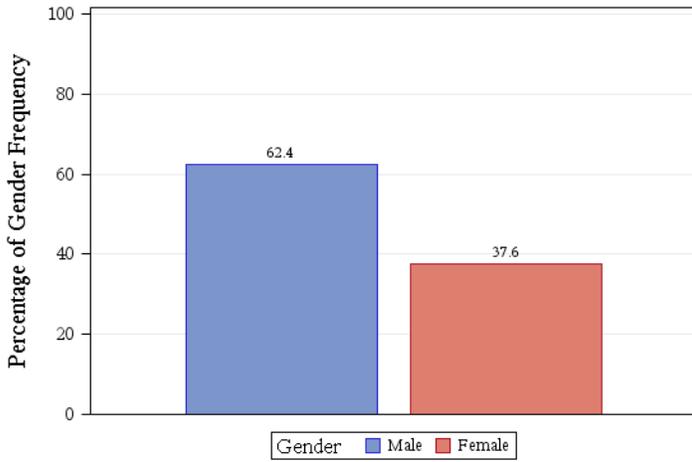
Bicyclist
2012-2014



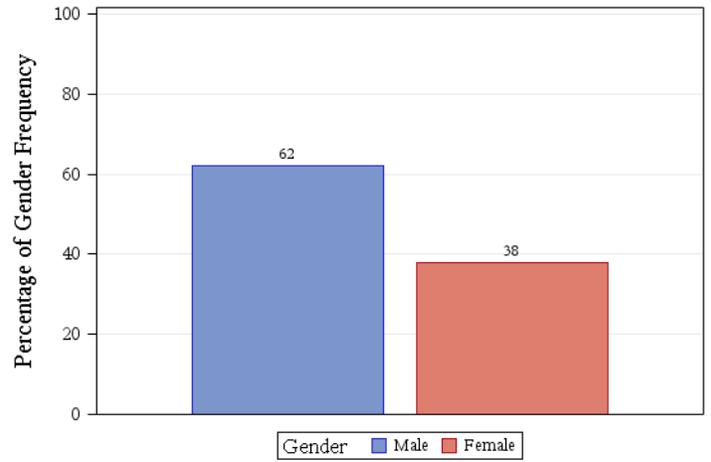
Pedestrian
2012-2014



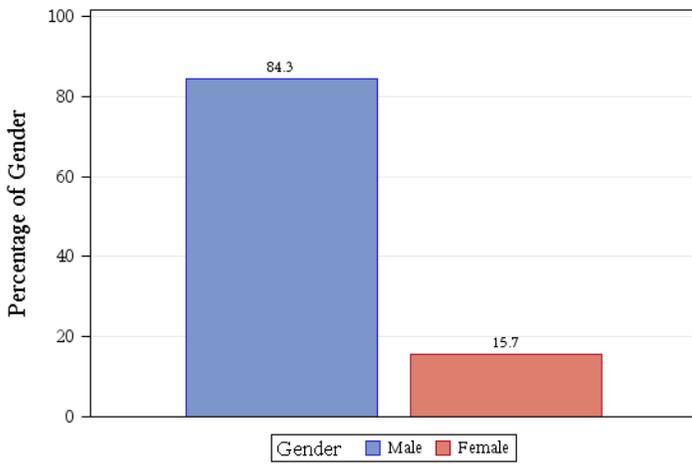
2012



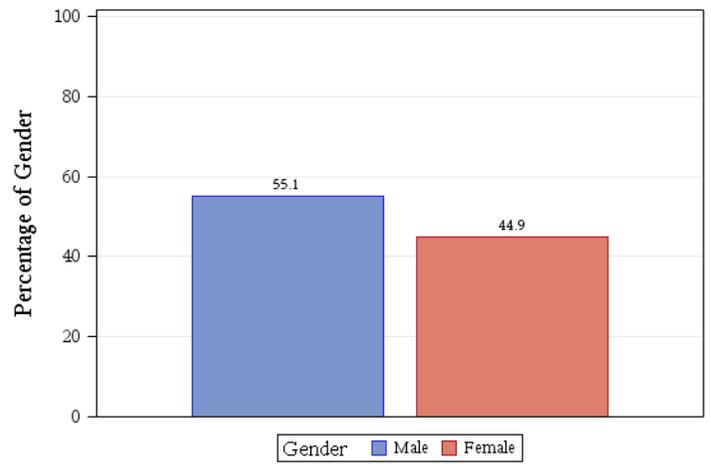
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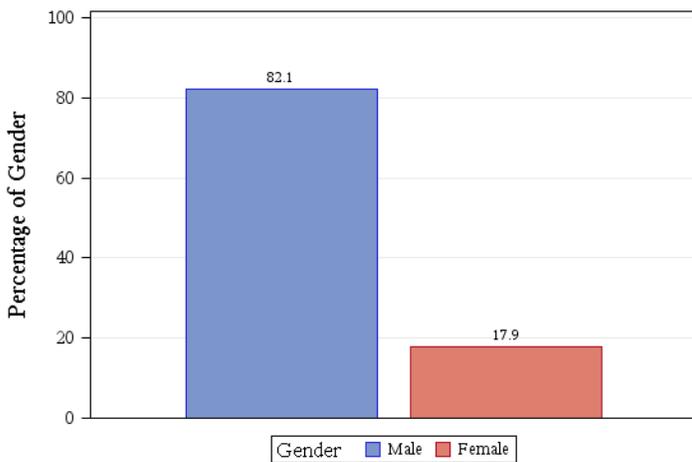
Motorcycle
2012-2014



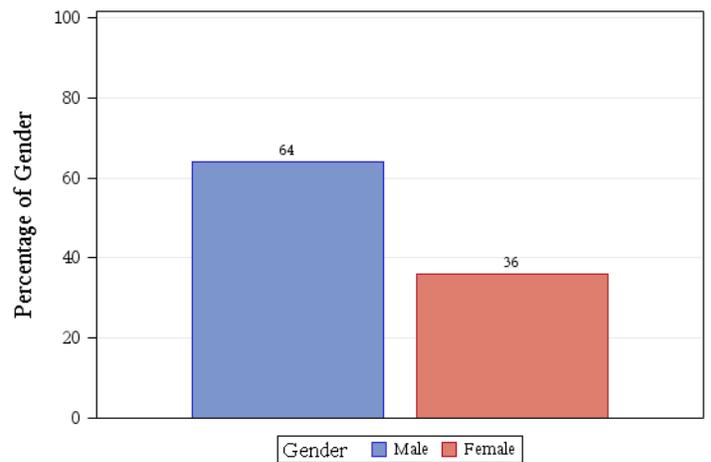
Automobile
2012-2014



Bicyclist
2012-2014

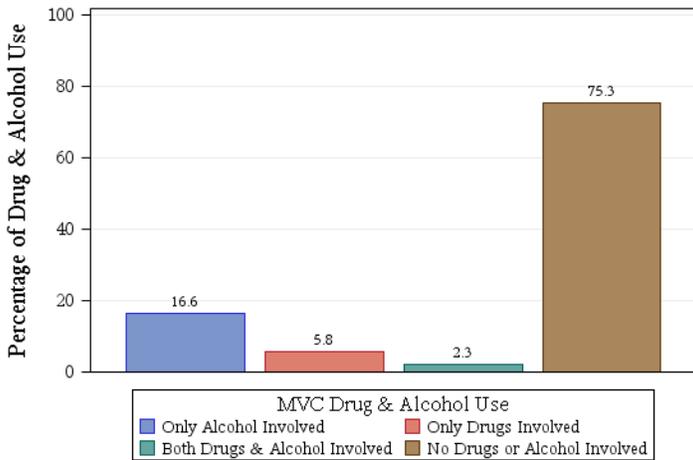


Pedestrian
2012-2014

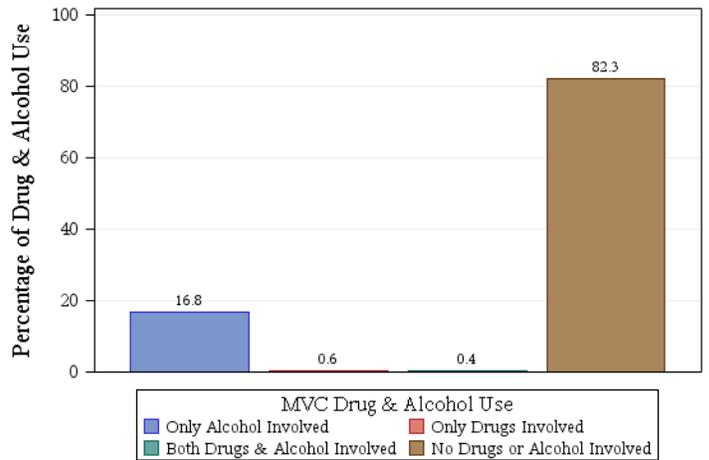


January 2012 to October 2015 19854 Incidents
Drug & Alcohol Use- Motor Vehicle Collision

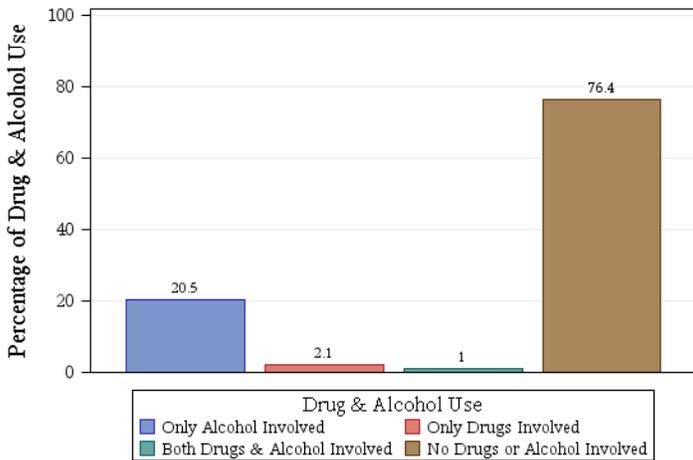
2012



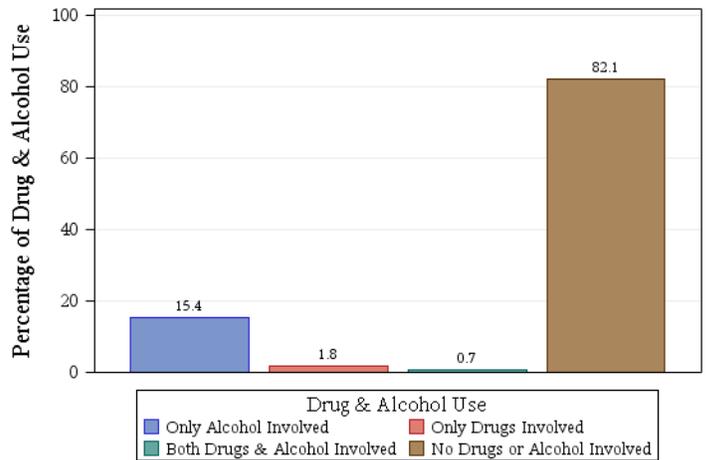
2013-2014



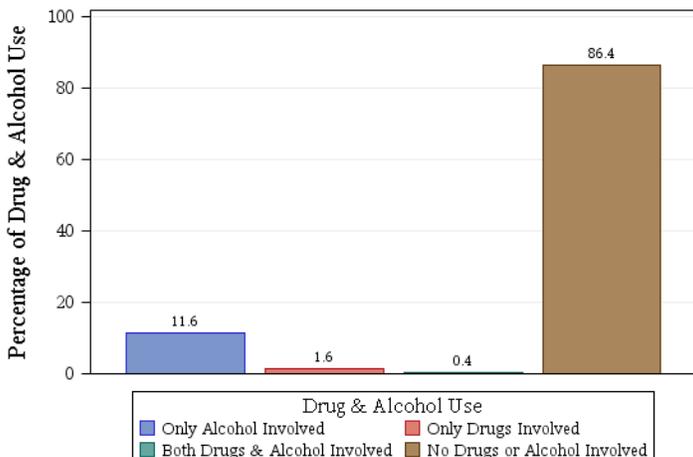
**Motorcycle
2012-2014**



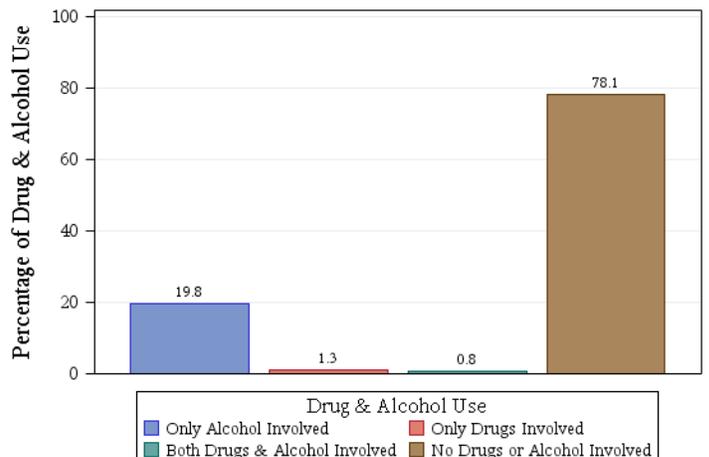
**Automobile
2012-2014**



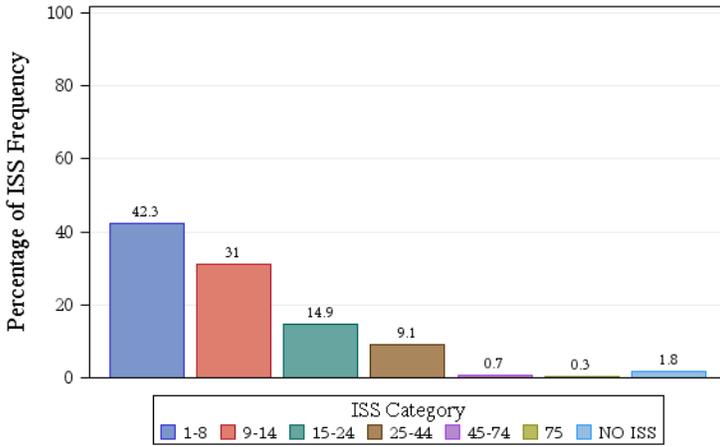
**Bicyclist
2012-2014**



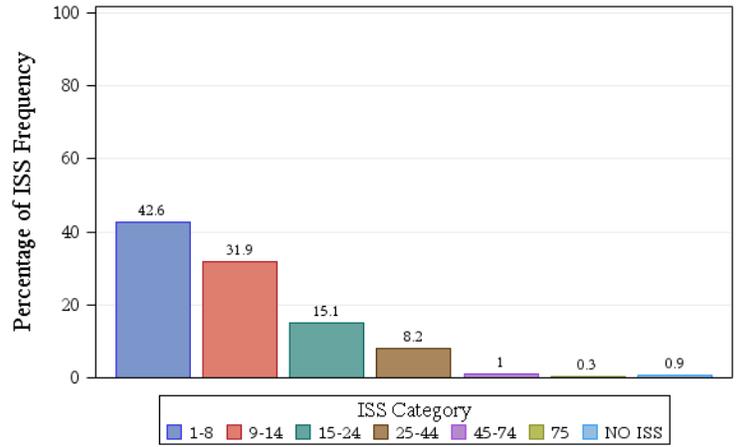
**Pedestrian
2012-2014**



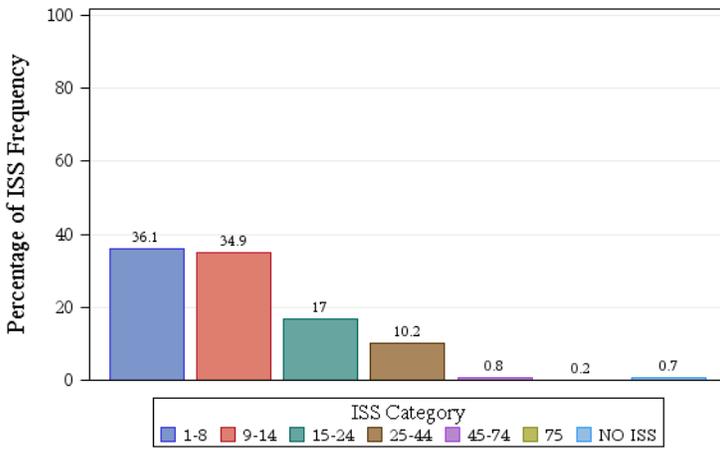
2012



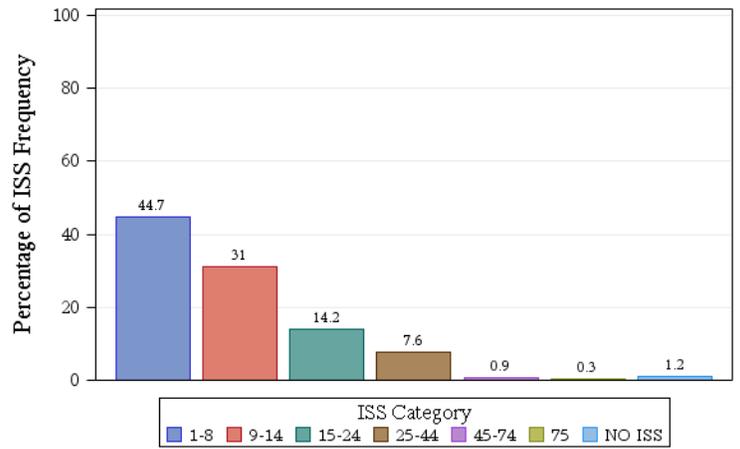
2013-2014



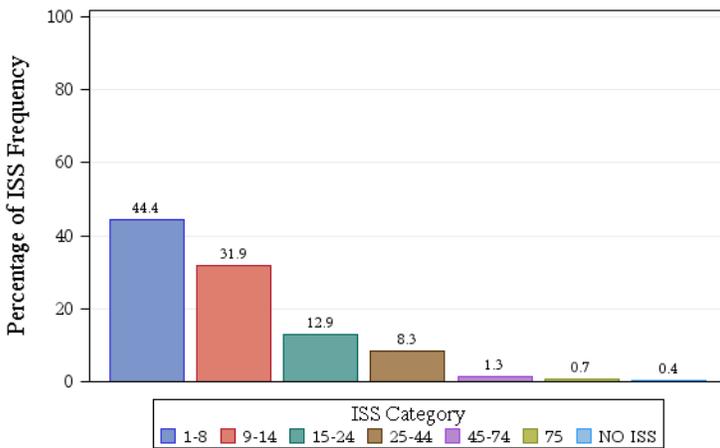
Motorcycle
2012-2014



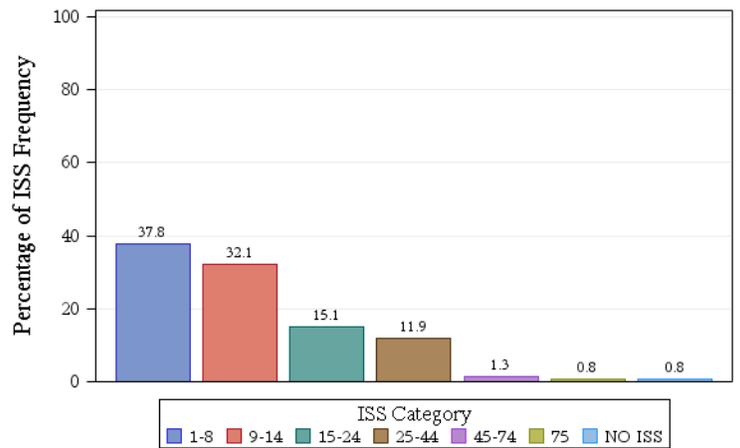
Automobile
2012-2014



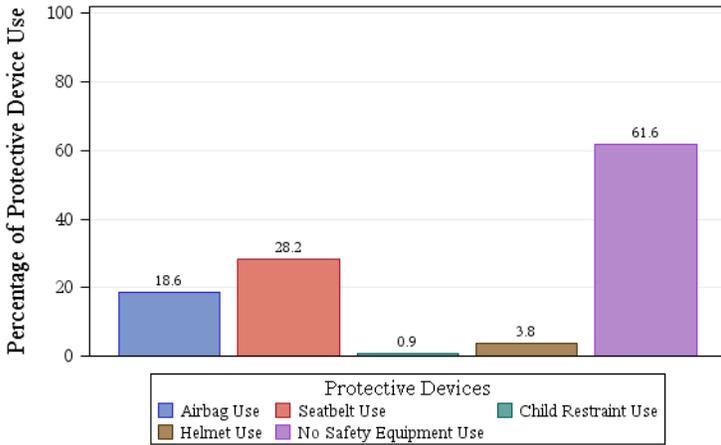
Bicyclist
2012-2014



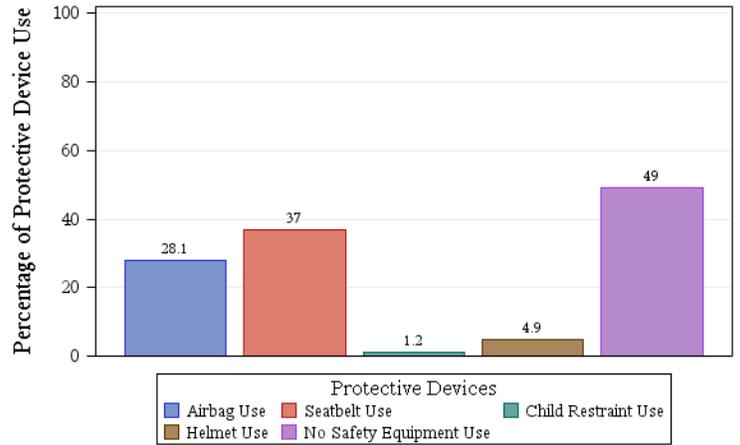
Pedestrian
2012-2014



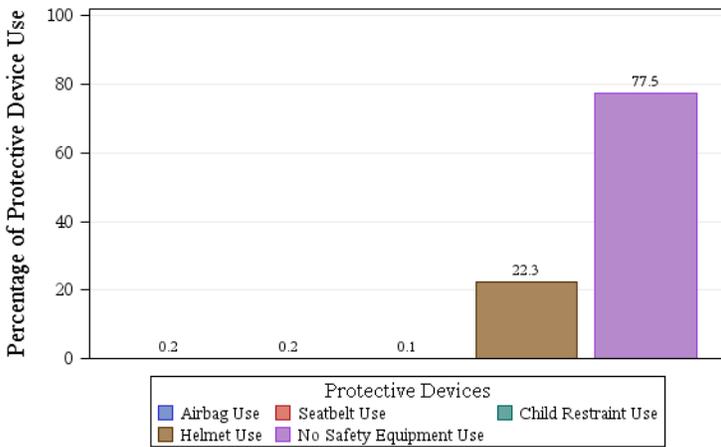
2012



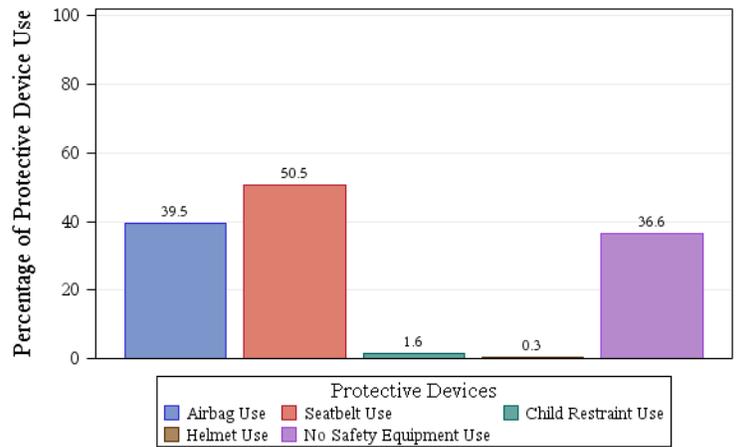
2013-2014



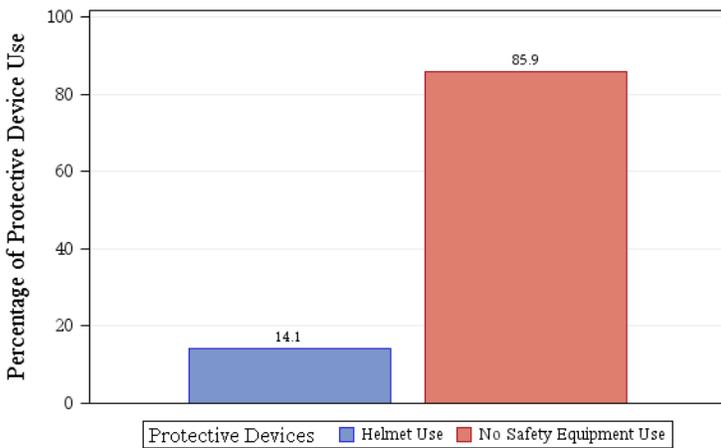
Motorcycle
2012-2014



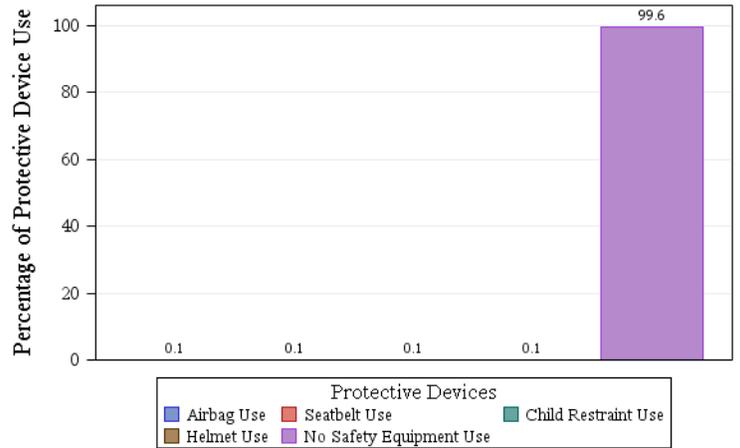
Automobile
2012-2014



Bicyclist
2012-2014



Pedestrian
2012-2014



Indiana Trauma Registry, November 1, 2014 - October 31, 2015 MVC involving Drugs or Alcohol By Public Health Preparedness Districts

