

On March 5th, Ramzi Nimry (Trauma System PI Manager) attended the 16th Annual Memorial Hospital of South Bend Trauma Symposium at the University of Notre Dame.

On March 10th, Ramzi Nimry (Trauma System PI Manager) trained St. Vincent Mercy Hospital in Elwood, IN on the trauma registry.

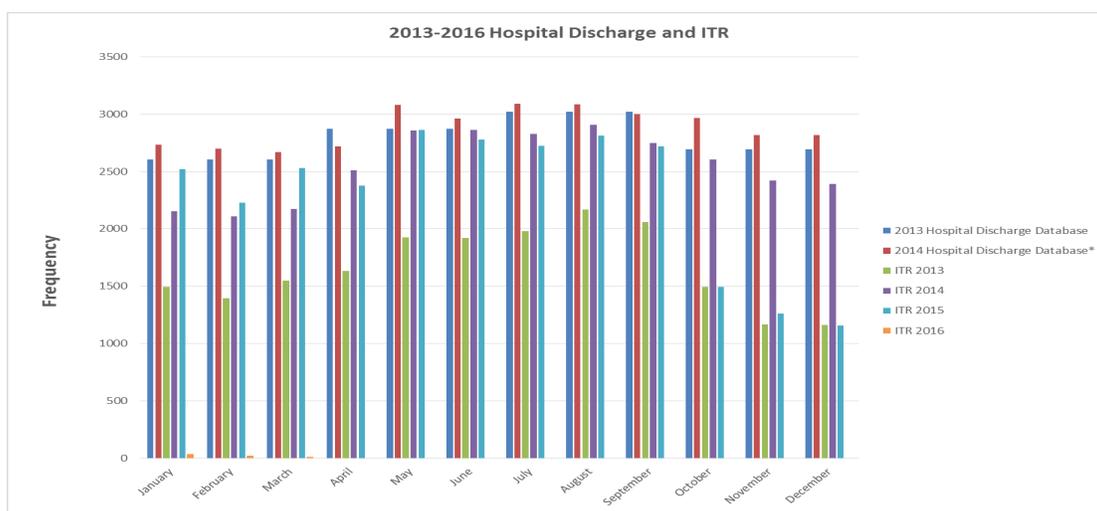
On March 17th, Ramzi Nimry (Trauma System PI Manager) trained Dupont Hospital in Fort Wayne, IN on the trauma registry.

On March 18th, Katie Hokanson (Director), Camry Hess (Database Analyst) and Ramzi Nimry (Trauma System PI Manager) attend the Indiana Injury Prevention Advisory Council (IPAC) meeting and the Indiana Violent Death Reporting System (INVDRS) Advisory Board meeting.

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

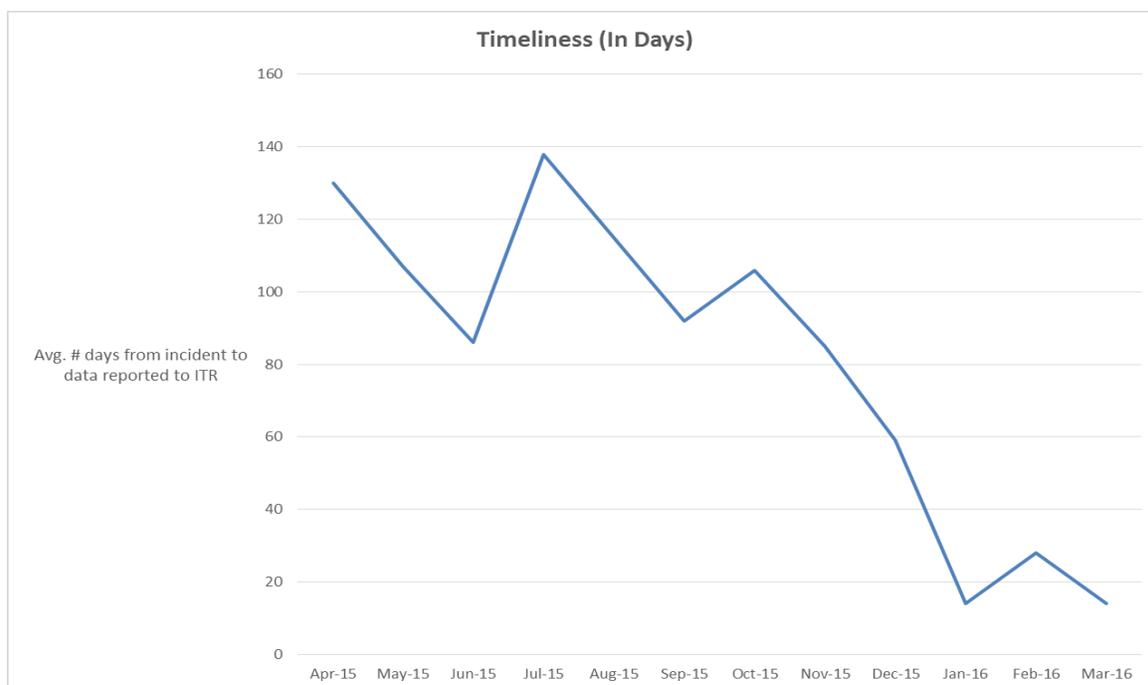
The Hospital Discharge database, also maintained by the ISDH, contains all records of patients cared for in Indiana hospitals. We compared patient records from the ITR with the Hospital Discharge database to know how complete is the ITR's data.



Timeliness

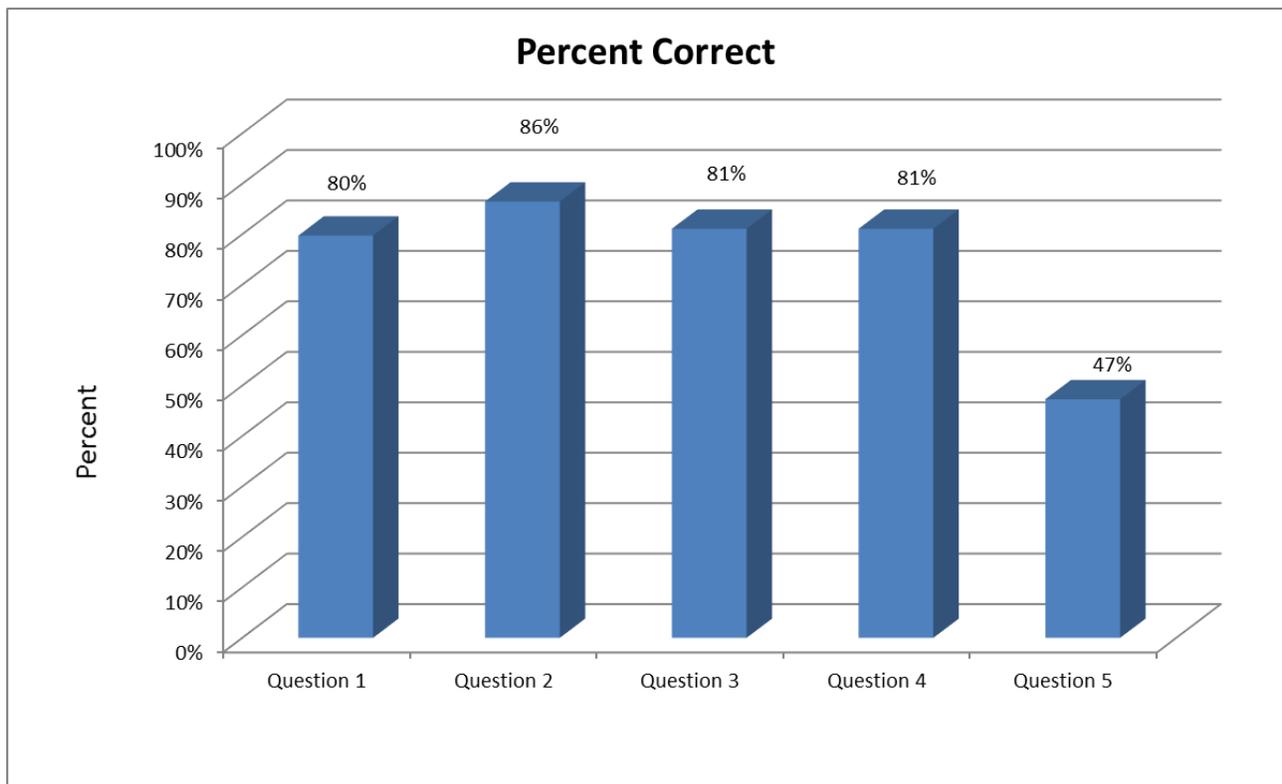
Timeliness increases as facilities wait until the data submission deadline to submit data to the ITR. Hospitals are asked to report data on the national trauma (TQIP) reporting schedule.

The decrease in timeliness from October 2015 until January 2016 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 December we sent out the twenty-fourth monthly quiz for the inter-rater reliability study. Seventy-four registrars completed the quiz from 51 hospitals. The percent of correct answers was 75% for the entire quiz and the average free-marginal Kappa (measure of consistency) 0.45. 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.



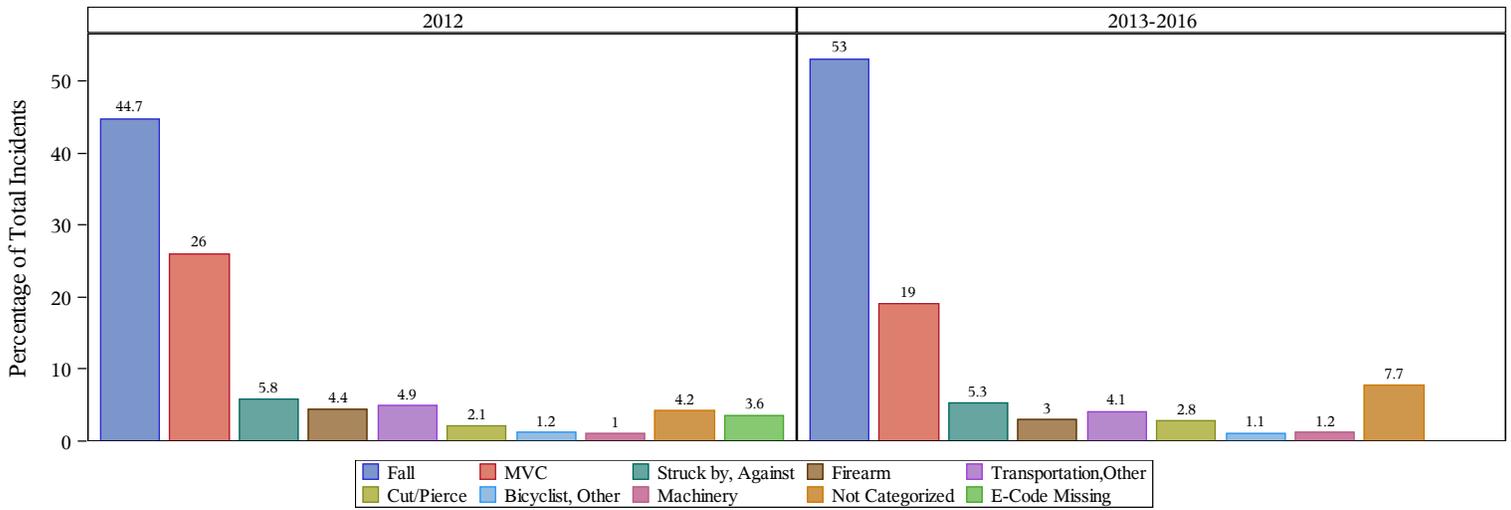
Integration

The number of linked EMS to trauma cases was 500 for Q3 2015 data. Trauma data is due on a quarterly basis.

Accessibility

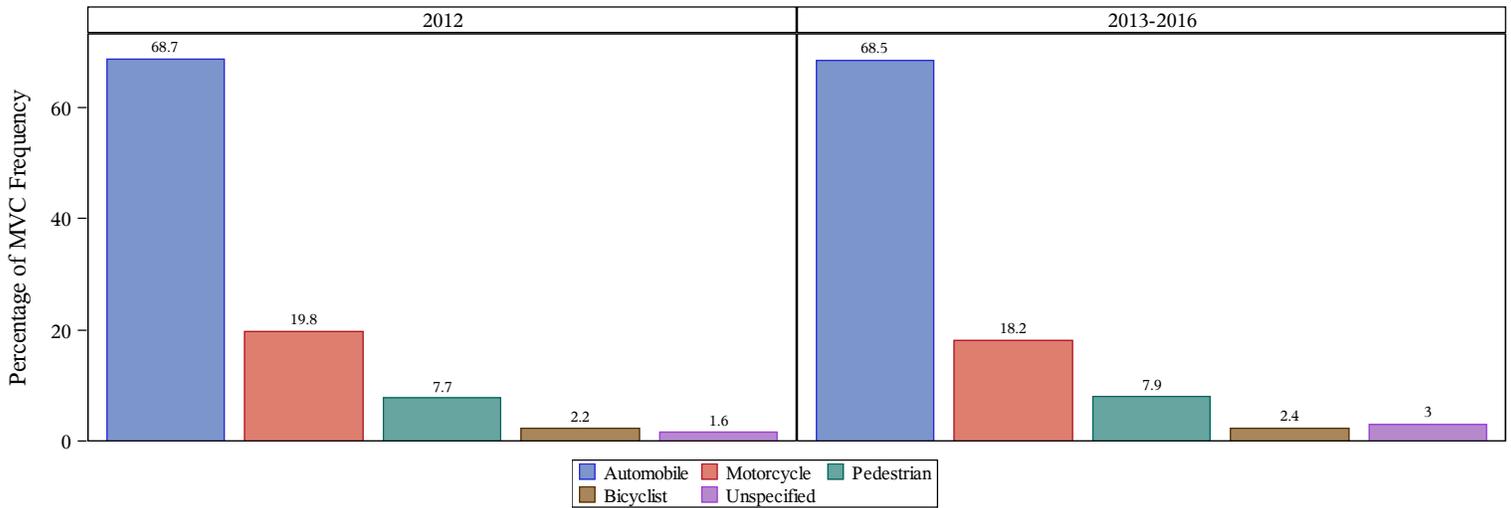
The average time to complete data requests was 1 day for aggregate requests (1 request) and 1 day for self-reports (1 request). There were no identifiable requests during March.

Cause of Injury (COI)

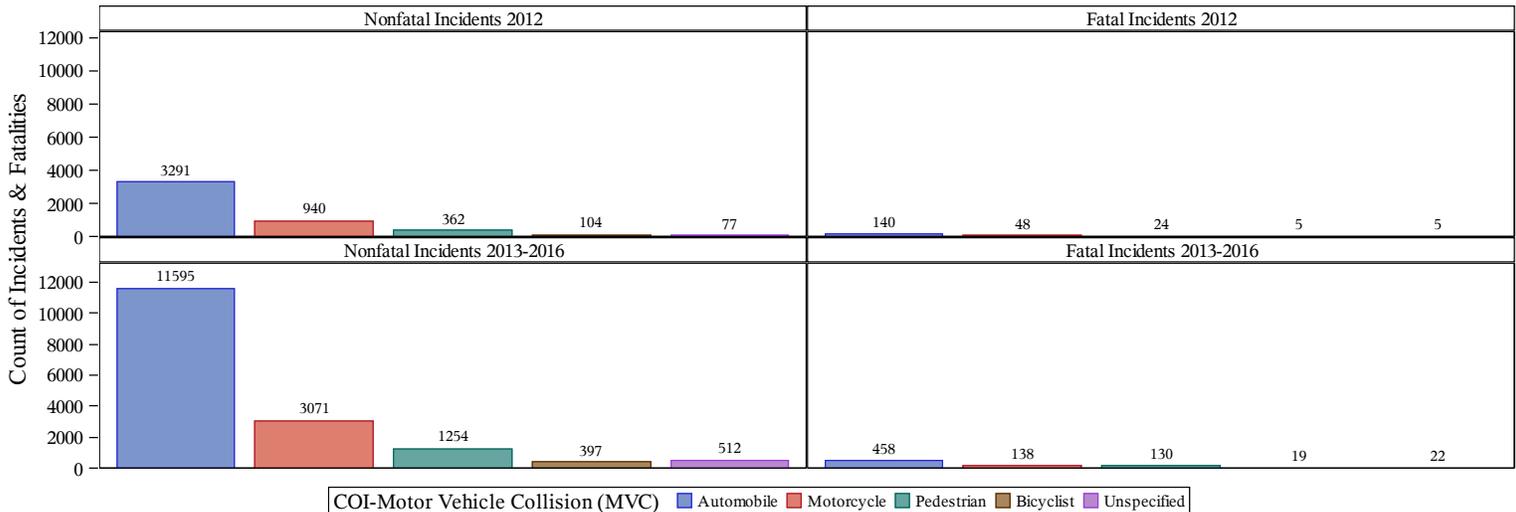


<1% of COI: Pedestrian (Other), Natural/Environmental, Overexertion, Fire/Burn, and Bites/Stings

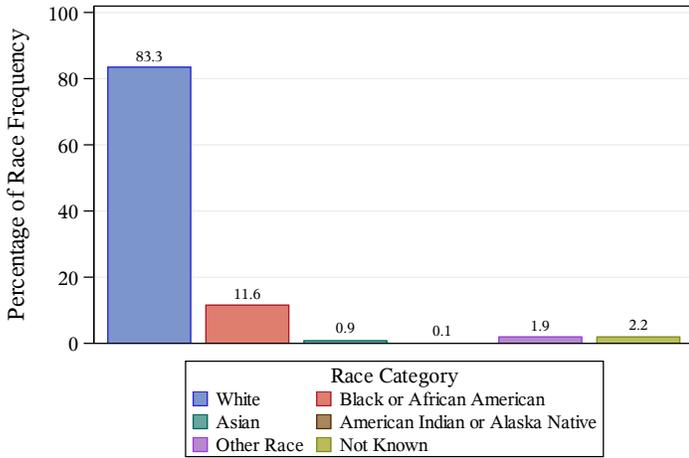
COI-Motor Vehicle Collision (MVC)



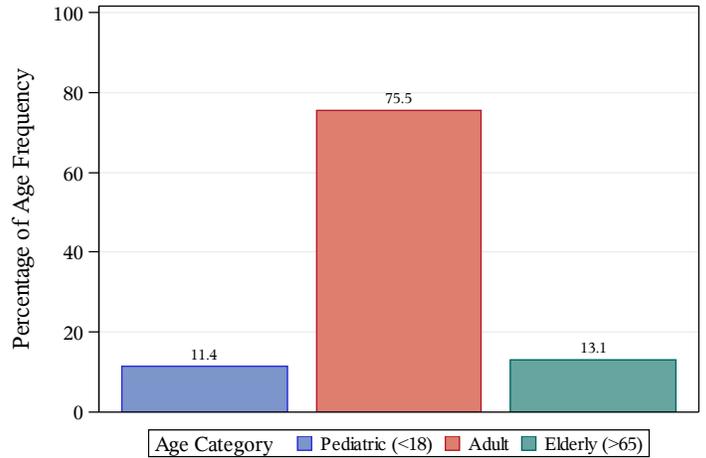
COI-MVC Nonfatal Incidents and Fatal Incidents



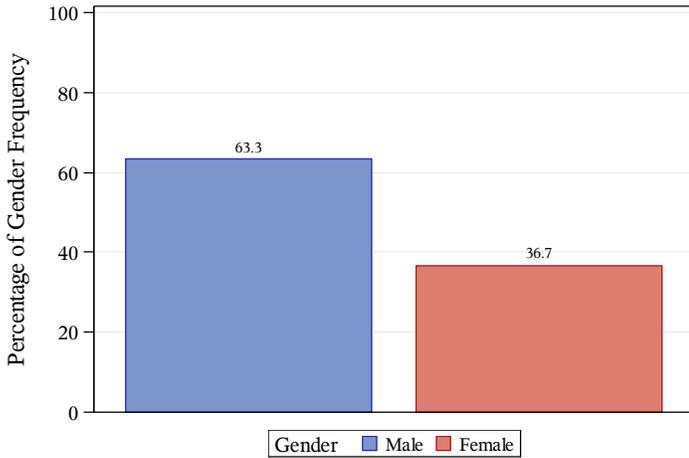
Race



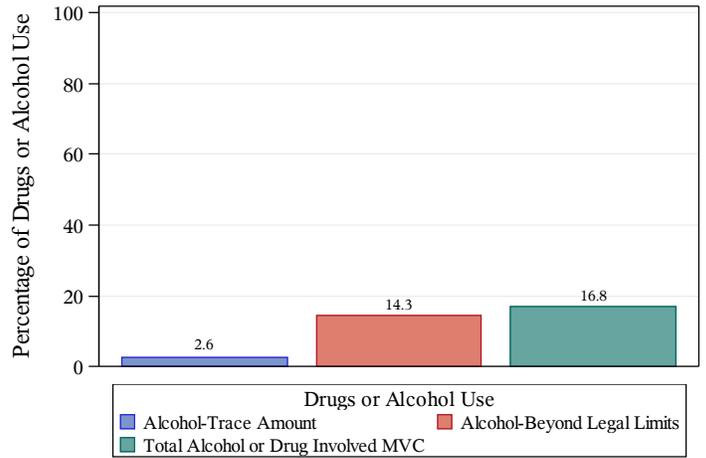
Age



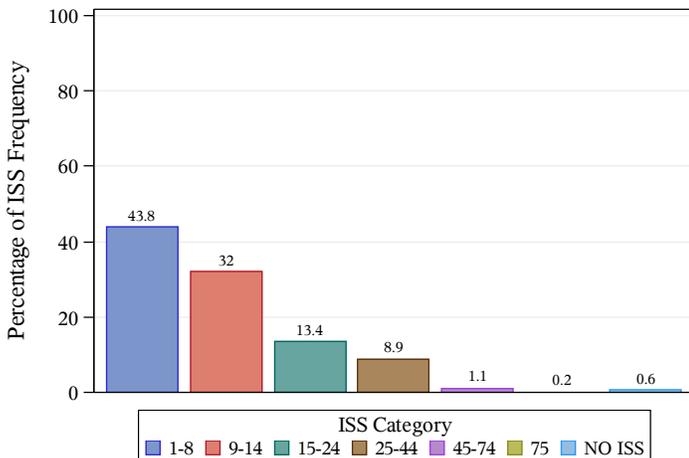
Gender



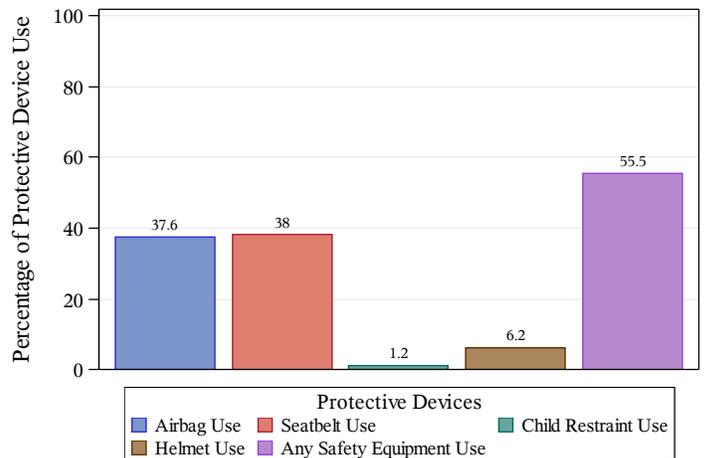
Drug & Alcohol Use



Injury Severity Score

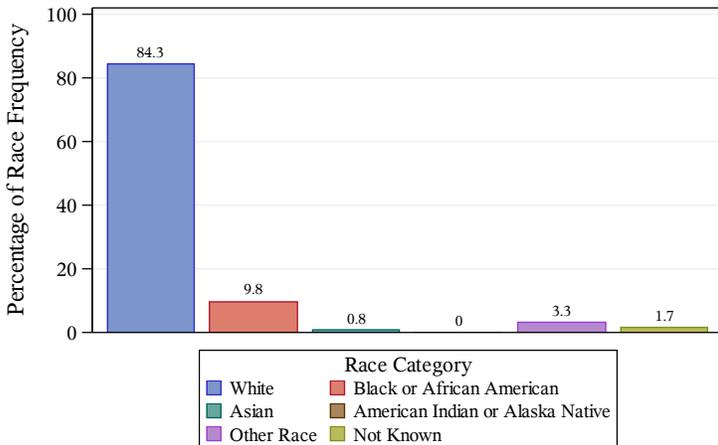


Protective Devices

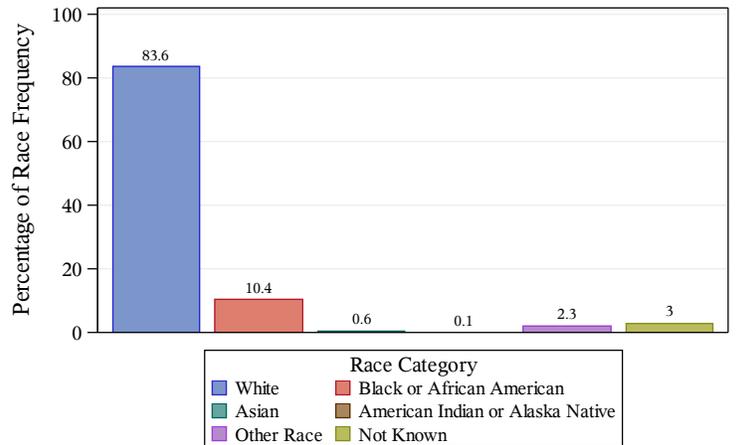


Injury Severity Score (ISS) is a measure of how bad the injury is. Scores over 15 are considered major trauma. A score of 75 is considered not survivable.

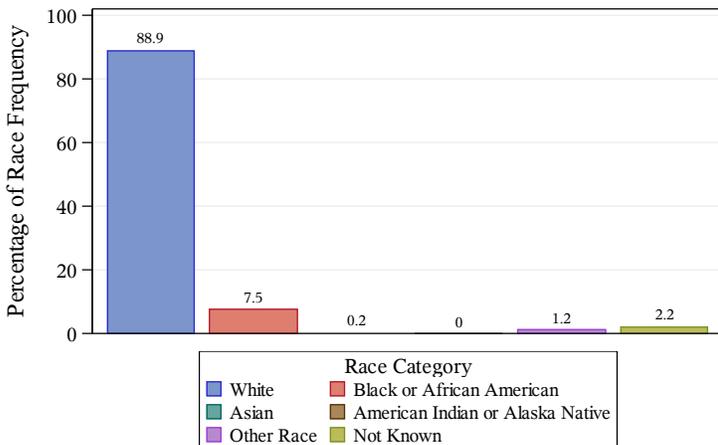
2012



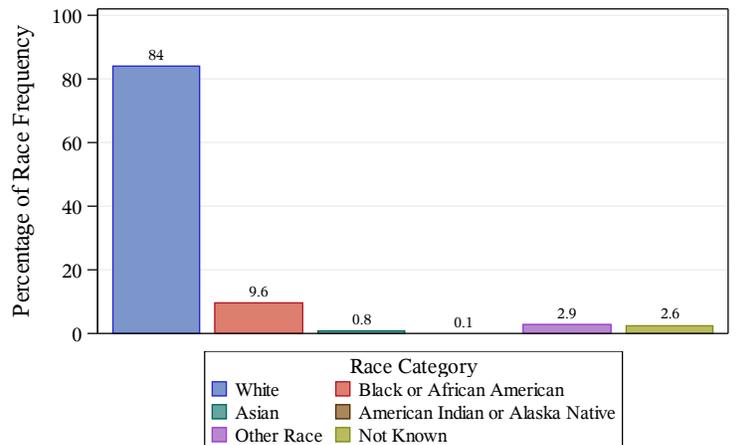
2013-2016



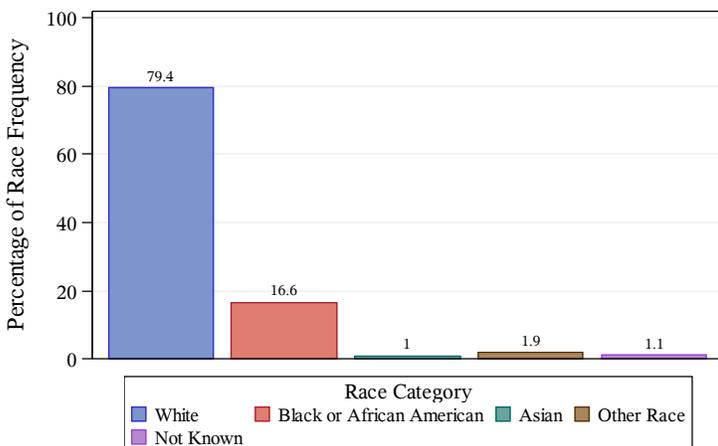
**Motorcycle
2012-2016**



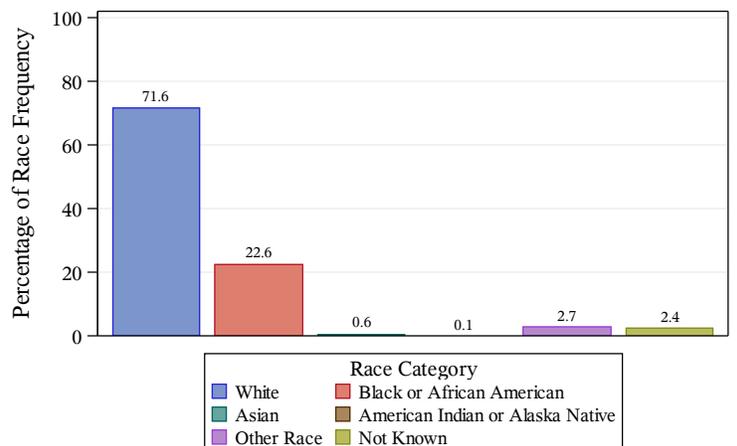
**Automobile
2012-2016**



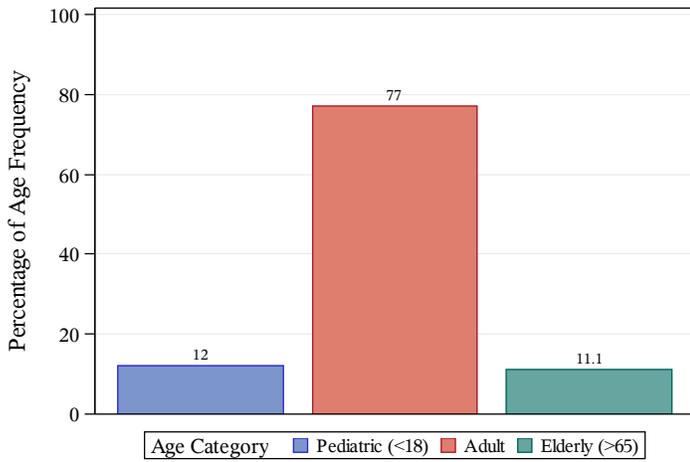
**Bicyclist
2012-2016**



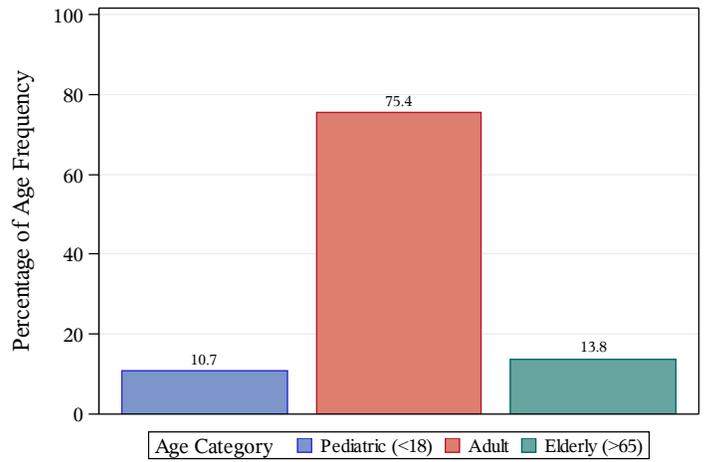
**Pedestrian
2012-2016**



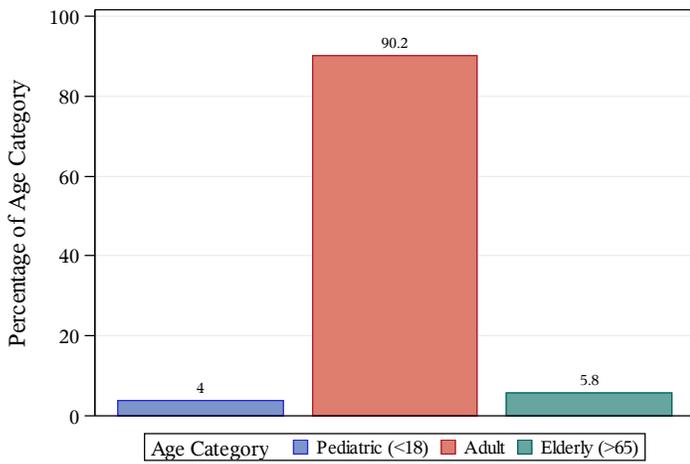
2012



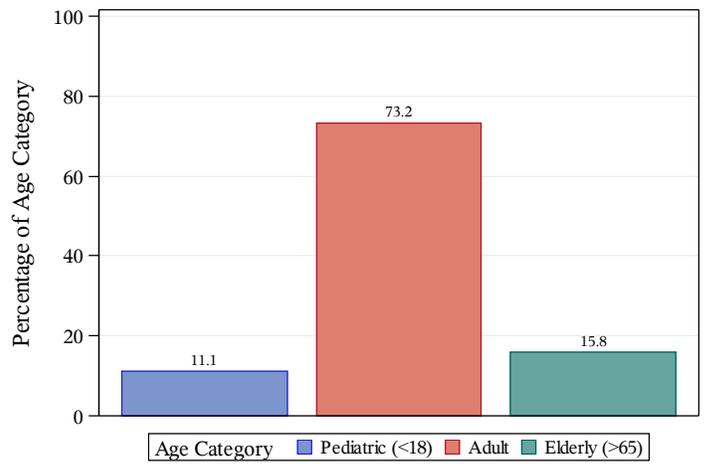
2013-2016



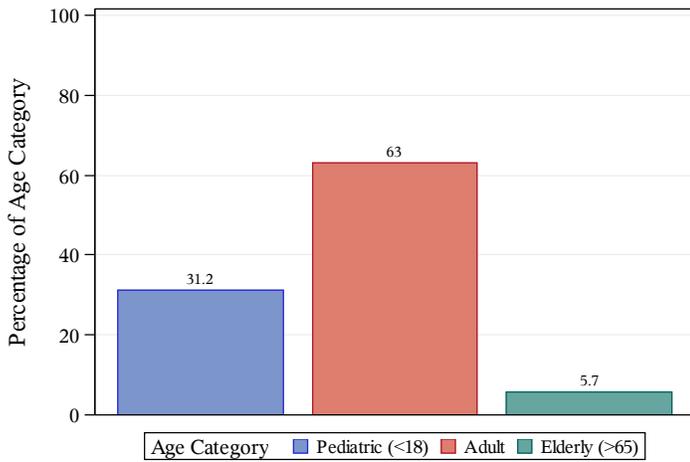
**Motorcycle
2012-2016**



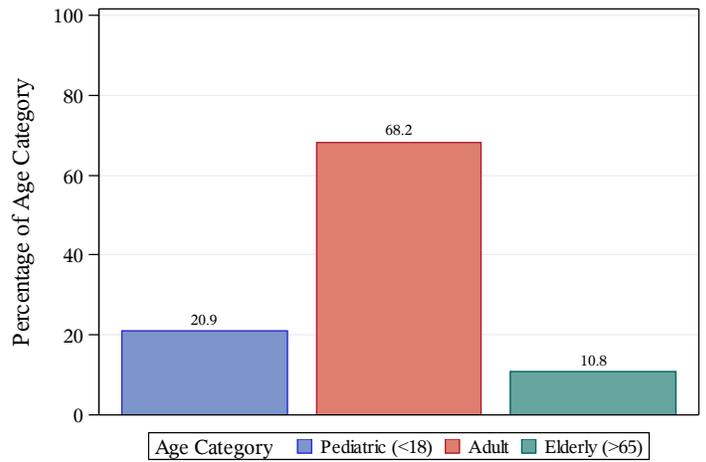
**Automobile
2012-2016**



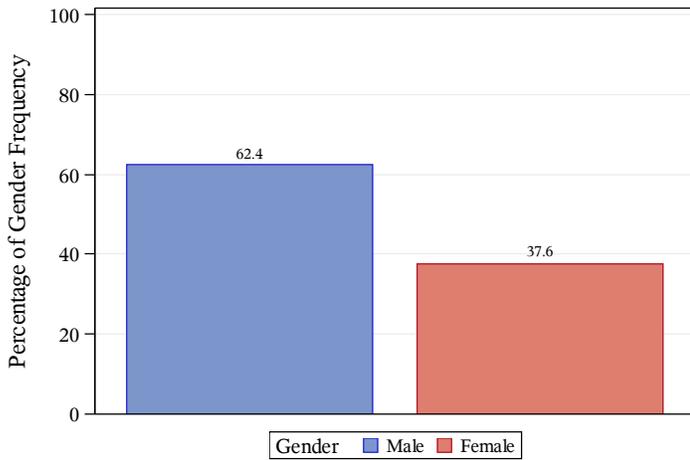
**Bicyclist
2012-2016**



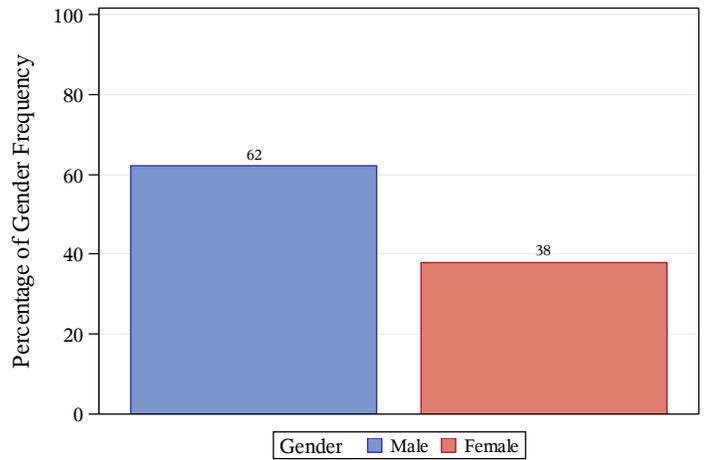
**Pedestrian
2012-2016**



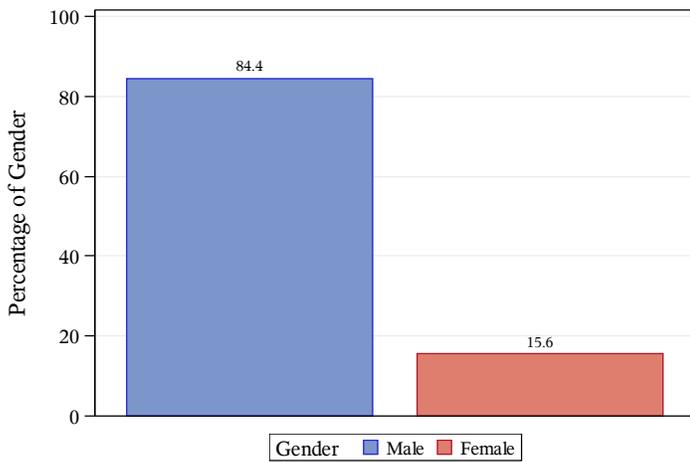
2012



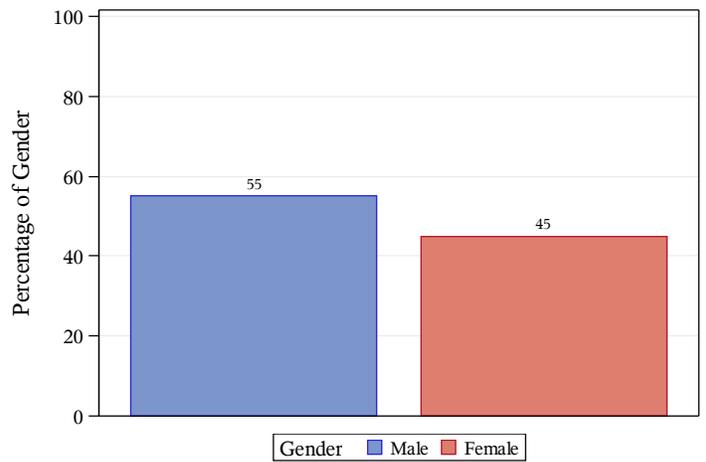
2013-2016



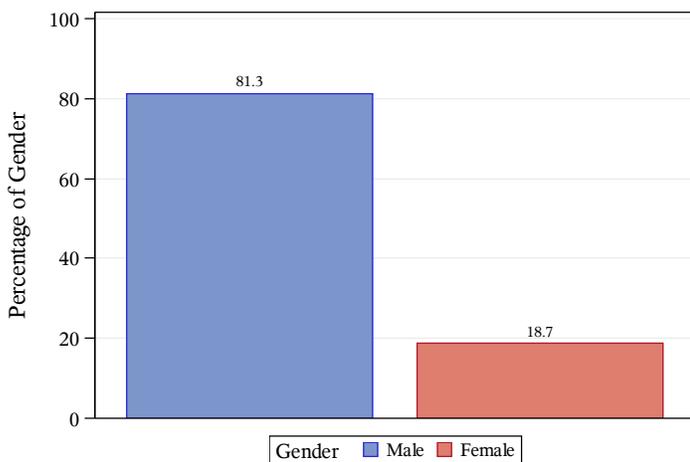
Motorcycle
2012-2016



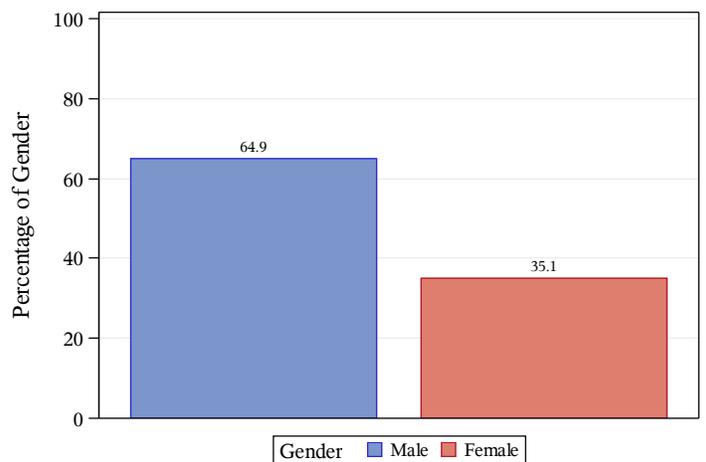
Automobile
2012-2016



Bicyclist
2012-2016

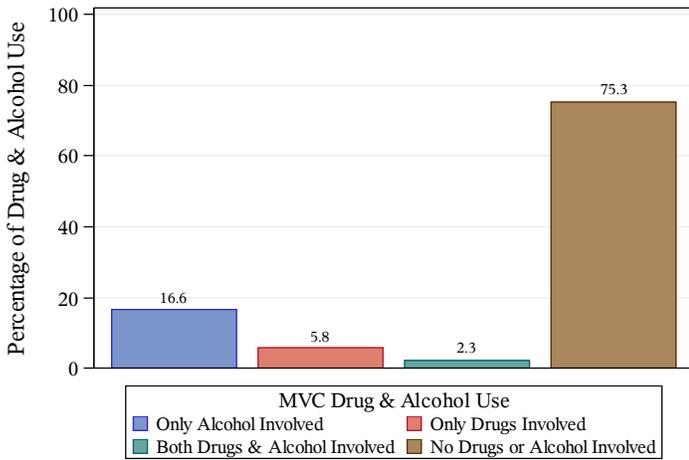


Pedestrian
2012-2016

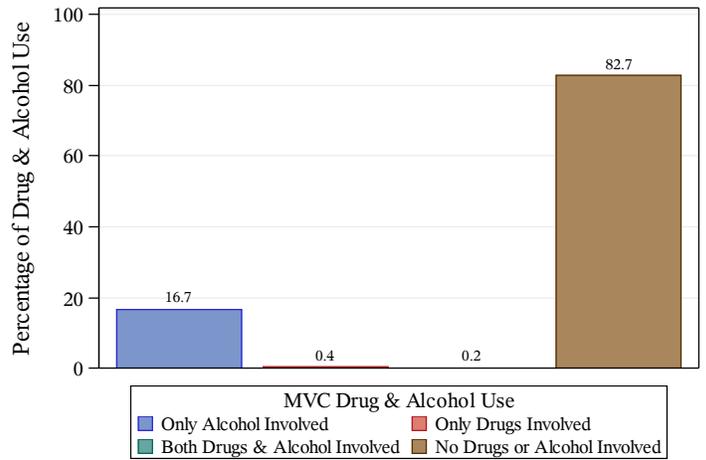


January 2012 to March 2016 **22592 Incidents**
Drug & Alcohol Use- Motor Vehicle Collision

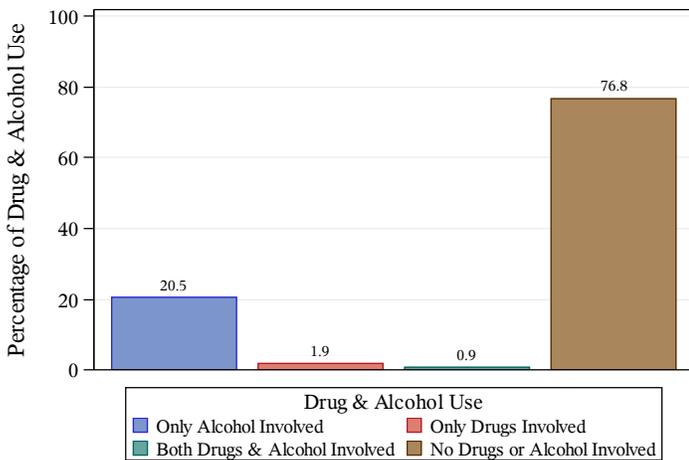
2012



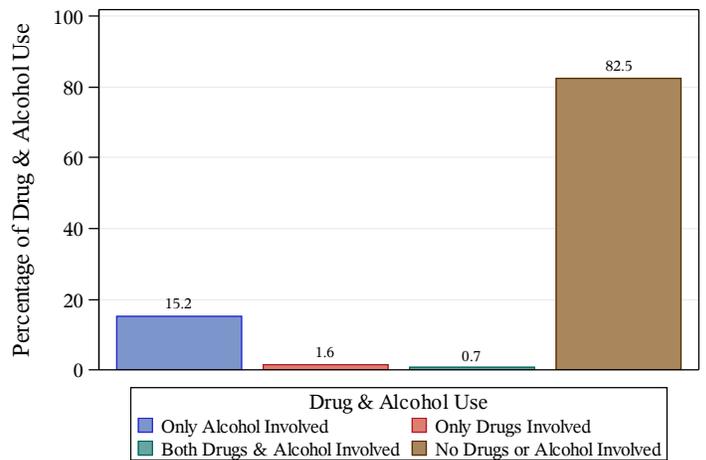
2013-2016



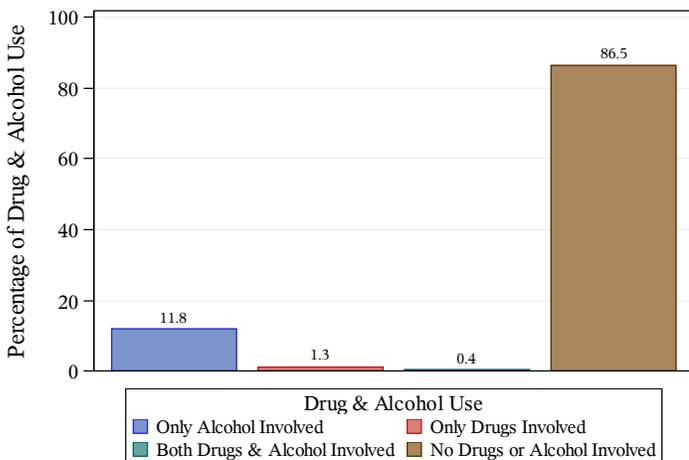
Motorcycle
2012-2016



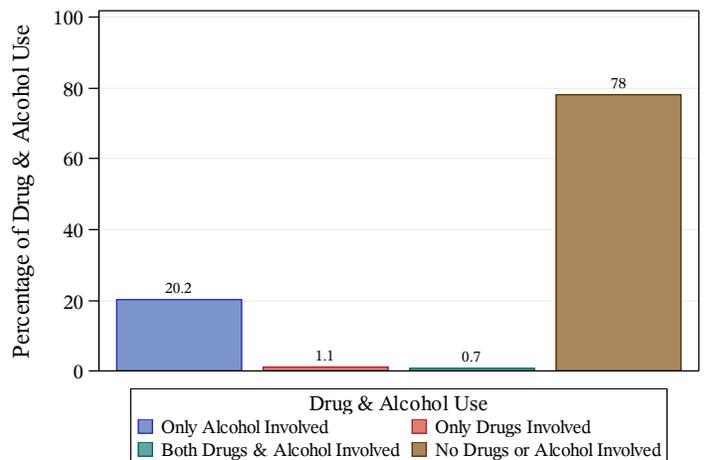
Automobile
2012-2016



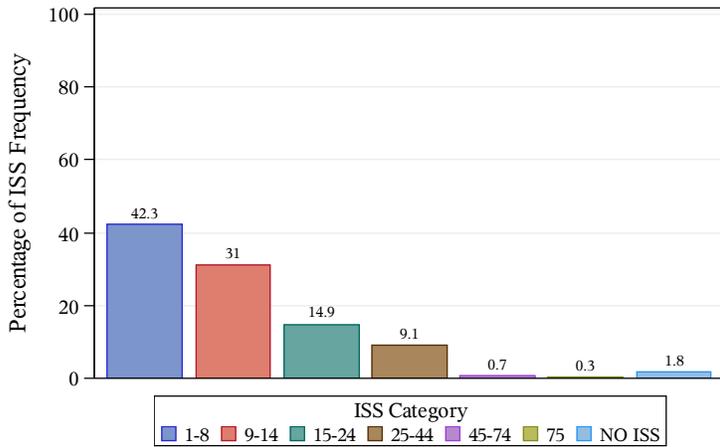
Bicyclist
2012-2016



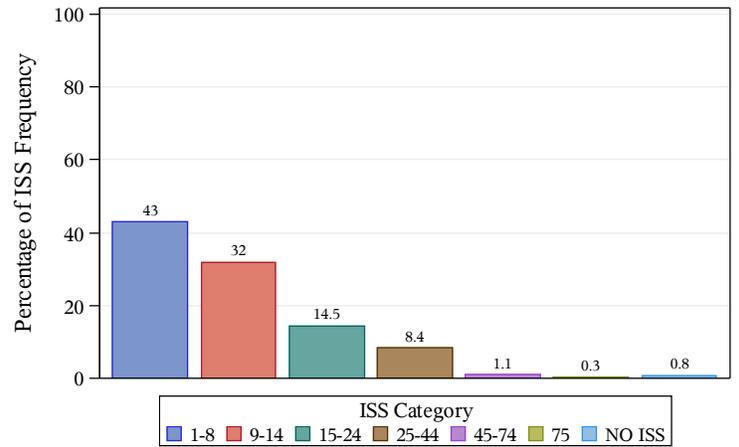
Pedestrian
2012-2016



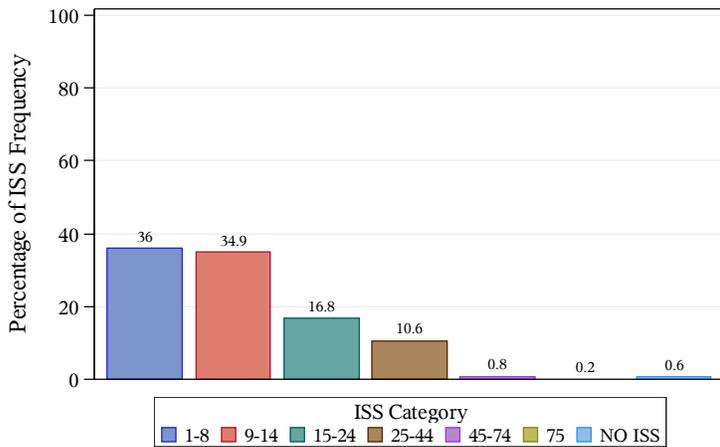
2012



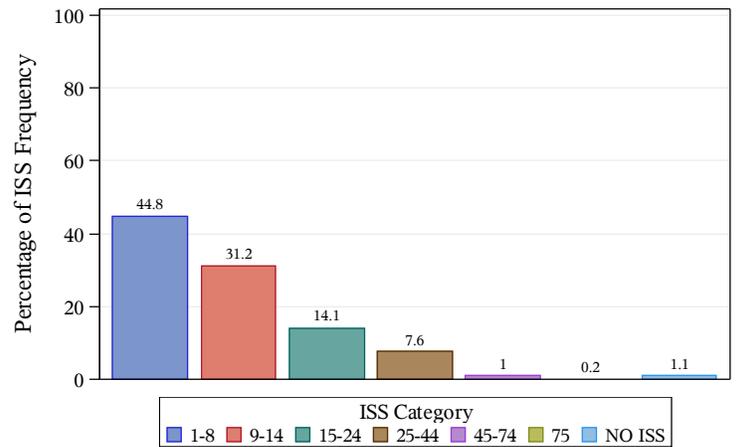
2013-2016



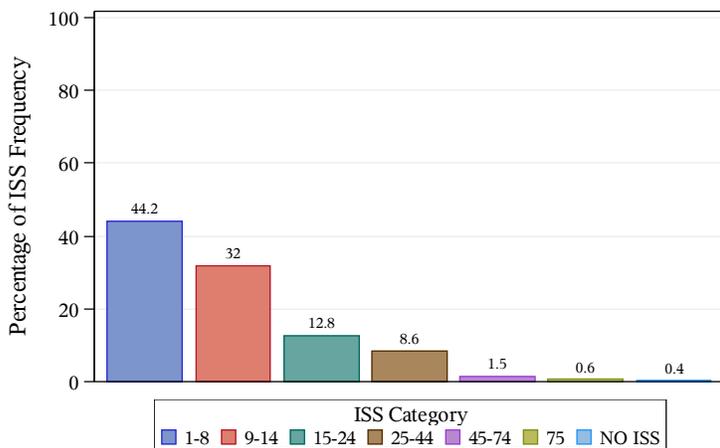
**Motorcycle
2012-2016**



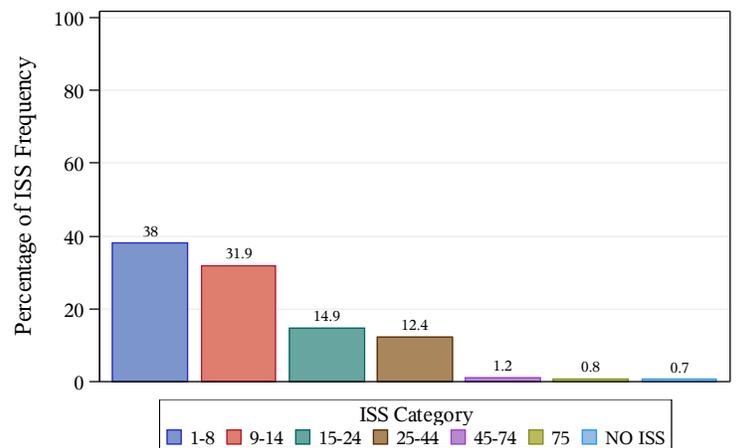
**Automobile
2012-2016**



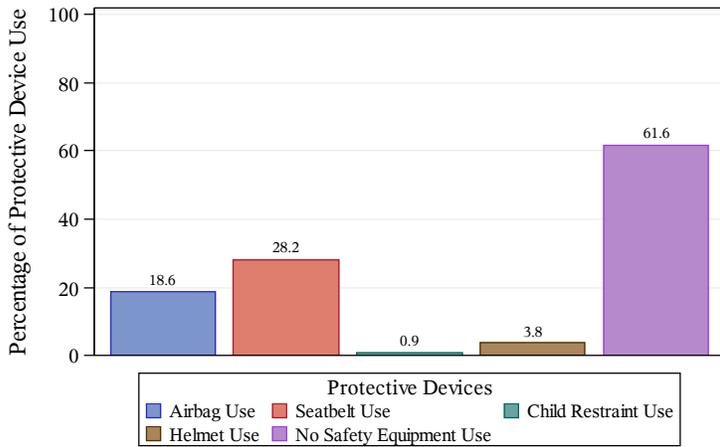
**Bicyclist
2012-2016**



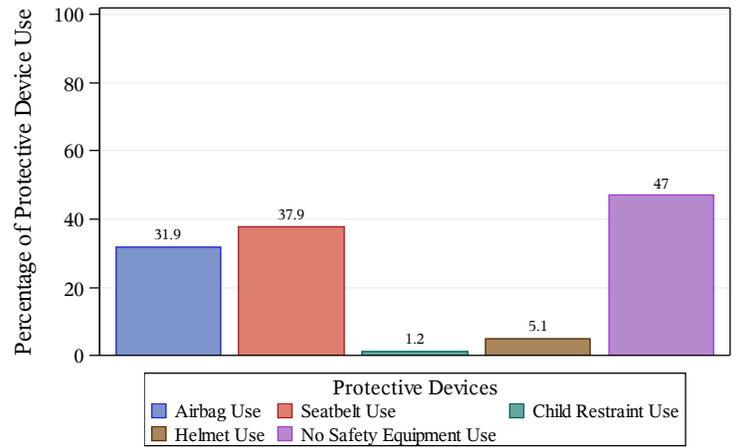
**Pedestrian
2012-2016**



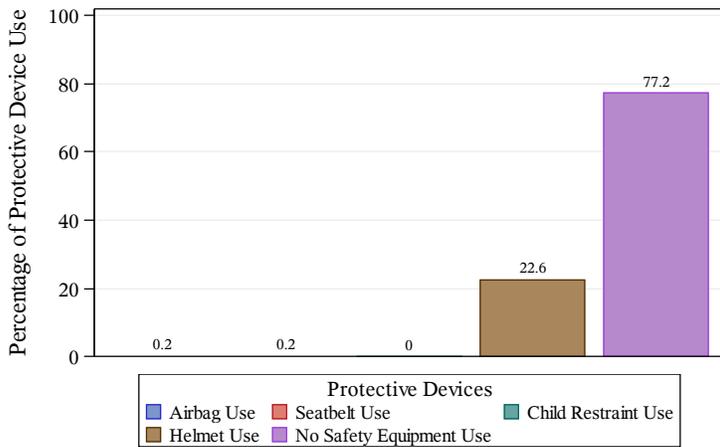
2012



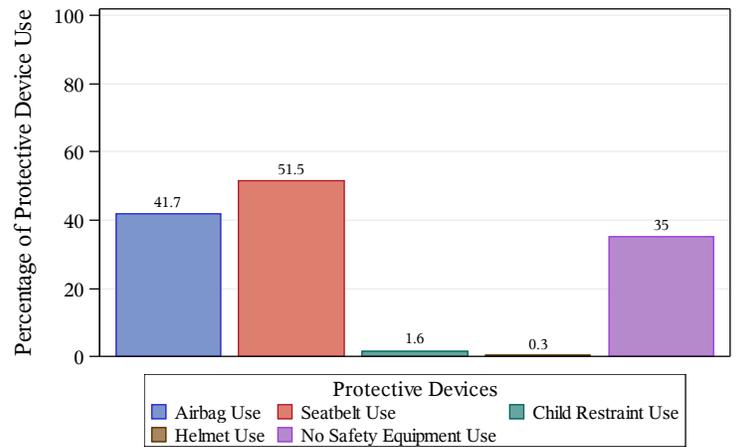
2013-2016



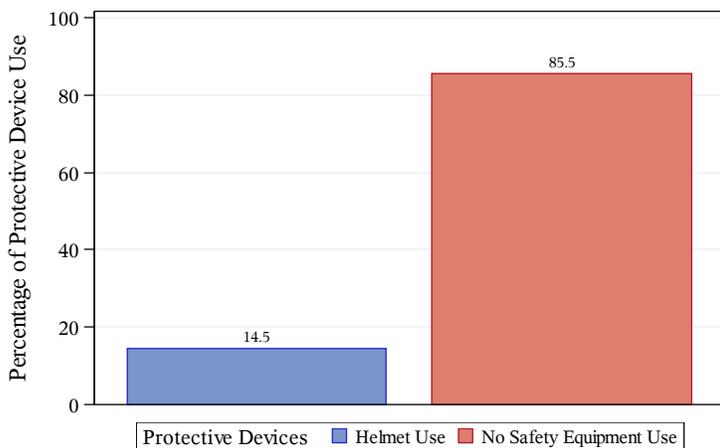
**Motorcycle
2012-2016**



**Automobile
2012-2016**



**Bicyclist
2012-2016**



**Pedestrian
2012-2016**

