

On June 8th, Katie Hokanson (Director) and Ramzi Nimry (Trauma System PI Manager) attended the ISDH Trauma Designation Subcommittee Meeting at Eskenazi Health.

On June 10th, Camry Hess (Database Analyst) and Ramzi Nimry (Trauma System PI Manager) attended the Traffic Records Coordinating Committee (TRCC) meeting at ICJI.

On June 13th, Katie Hokanson (Director) and Ramzi Nimry (Trauma System PI Manager) attended the ISDH Trauma Designation Subcommittee Meeting at Eskenazi Health.

On June 16th, Camry Hess (Database Analyst) and Ramzi Nimry (Trauma System PI Manager) attended the Traffic Records Coordinating Committee (TRCC) meeting at ICJI.

On June 17th, Camry Hess (Database Analyst), Katie Hokanson (Director) and Ramzi Nimry (Trauma System PI Manager) attended the Indiana State Trauma Care Committee at ISDH.

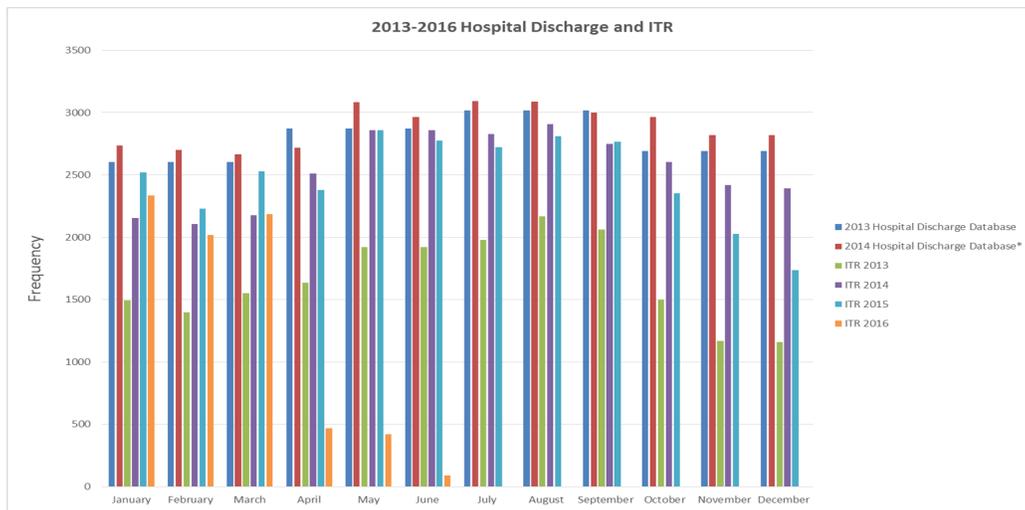
On June 17th, Camry Hess (Database Analyst), Katie Hokanson (Director) and Ramzi Nimry (Trauma System PI Manager) attended the Indiana Trauma Network at ISDH.

On June 27th, Ramzi Nimry (Trauma System PI Manager) trained IU Health Bedford hospital in Bedford, IN.

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

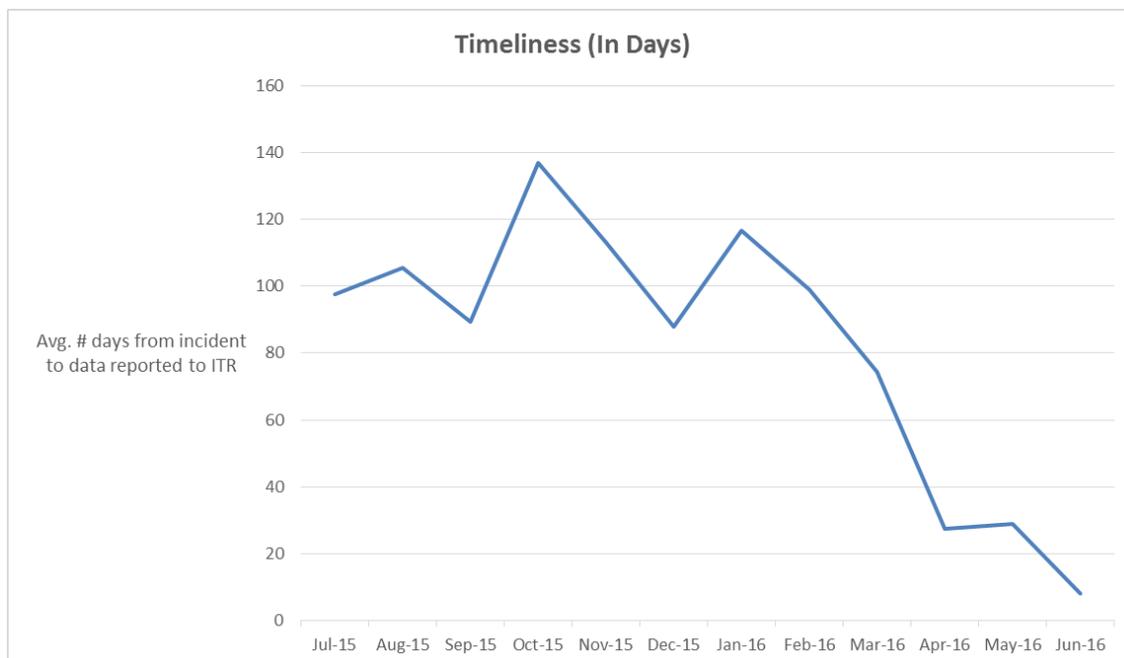
The Hospital Discharge database, also maintained by the ISDH, contains all records of patients cared for in Indiana hospitals. We compared patient records from the ITR with the Hospital Discharge database to know how complete is the ITR's data.



Timeliness

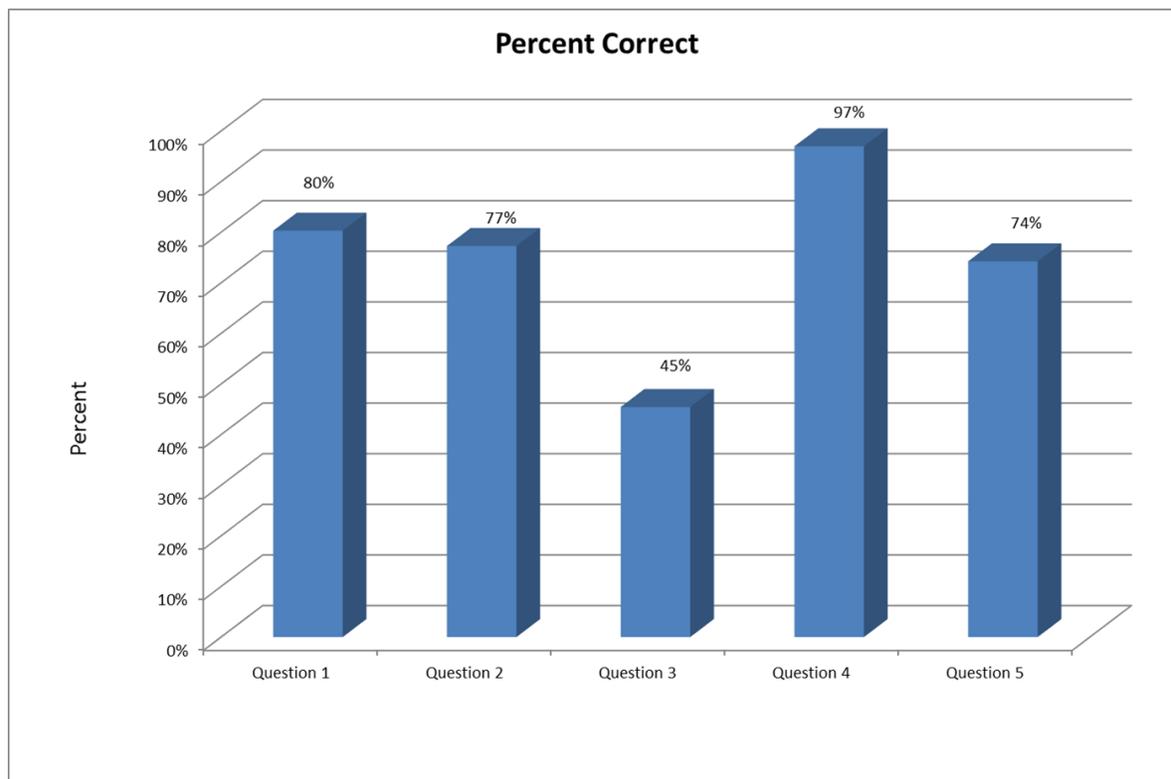
Timeliness increases as facilities wait until the data submission deadline to submit data to the ITR. Hospitals are asked to report data on the national trauma (TQIP) reporting schedule.

The decrease in timeliness from January 2016 until April 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 June we sent out the twenty-sixth monthly quiz for the inter-rater reliability study. Sixty-six registrars completed the quiz from 45 hospitals. The percent of correct answers was 75% for the entire quiz and the average free-marginal Kappa (measure of consistency) 0.49. 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

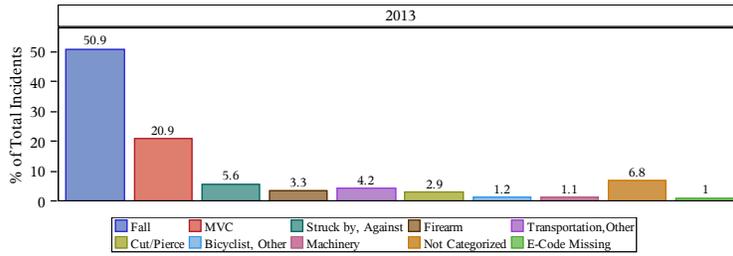
The number of linked EMS to trauma cases was 1825 for Q4 2015 data. Trauma data is due on a quarterly basis.

Accessibility

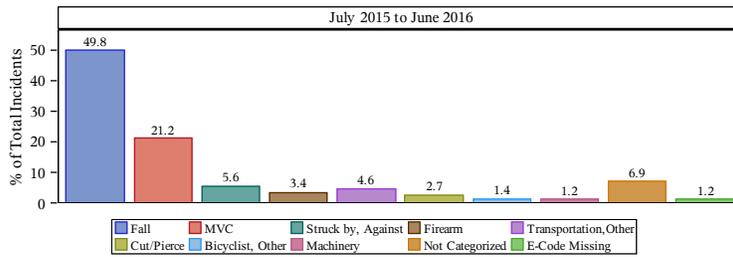
The average time to complete data requests was 1 day for aggregate requests (1 request) and 0.5 days for self-reports (2 requests). There were no identifiable requests during June.

July 2015 to June 2016 **25457 Incidents**
January 2013 to December 2013 **17178 Incidents**
Cause of Injury (COI)

Cause of Injury (COI)

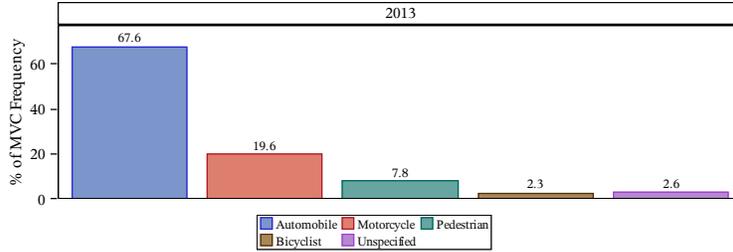


<1% of COI: Pedestrian (Other), Natural/Environmental, Overexertion, Fire/Burn, and Bites/Stings
Cause of Injury (COI)

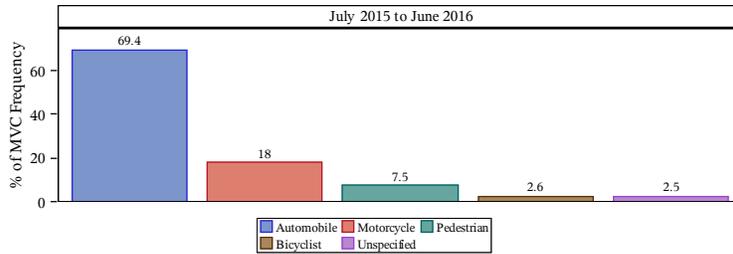


<1% of COI: Pedestrian (Other), Natural/Environmental, Overexertion, Fire/Burn, and Bites/Stings

COI-Motor Vehicle Collision (MVC)

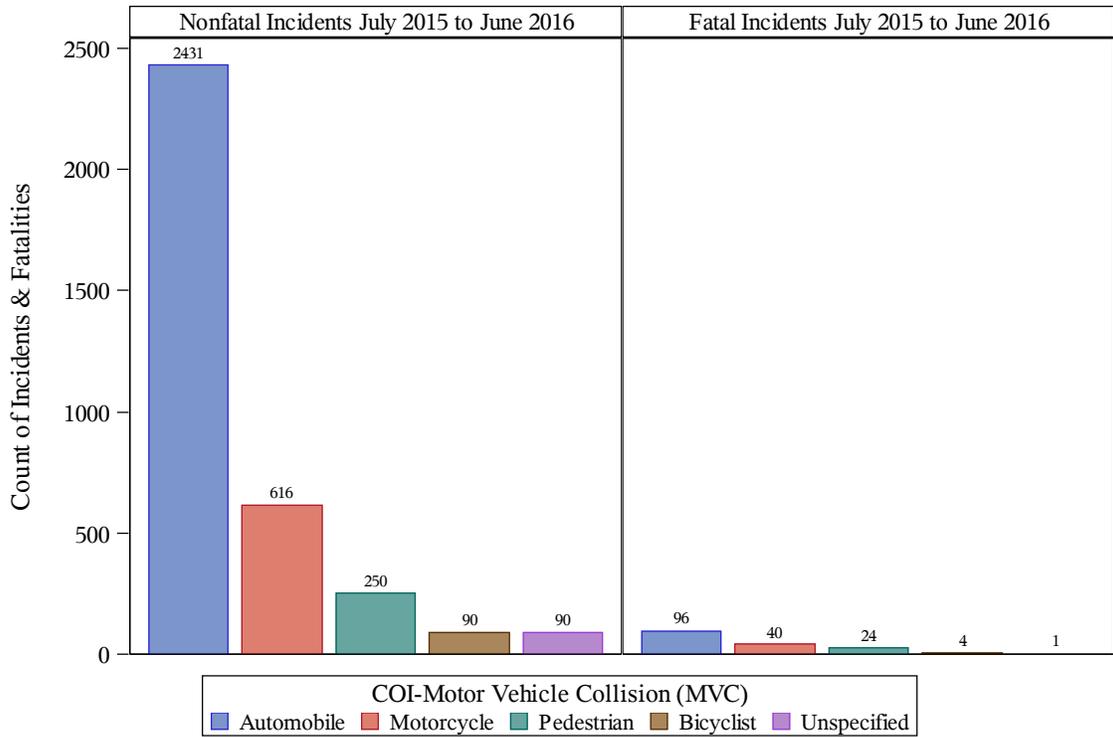
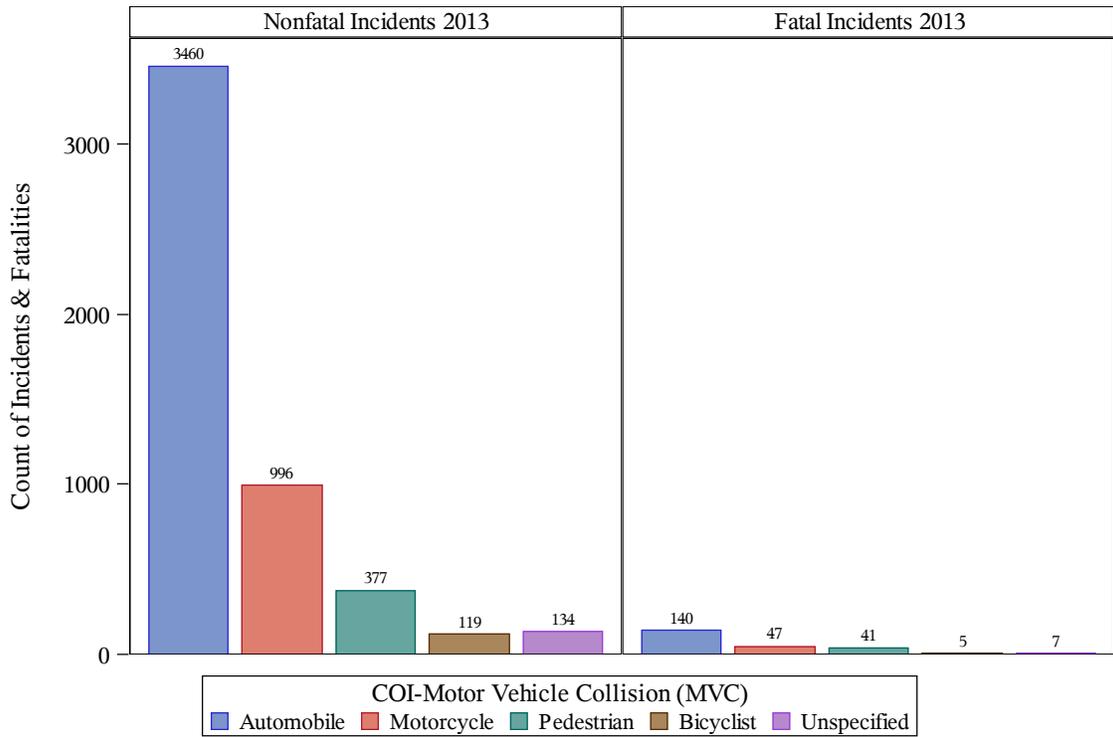


COI-Motor Vehicle Collision (MVC)



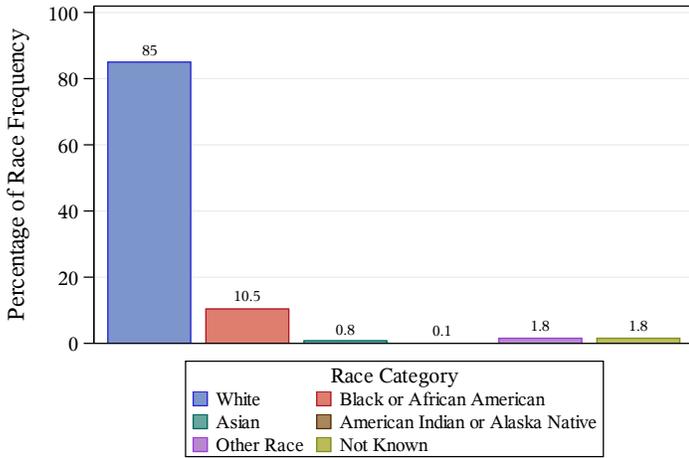
July 2015 to June 2016 **3642 Incidents**
January 2013 to December 2013 **5326 Incidents**
Motor Vehicle Collision

COI-MVC Nonfatal Incidents and Fatal Incidents

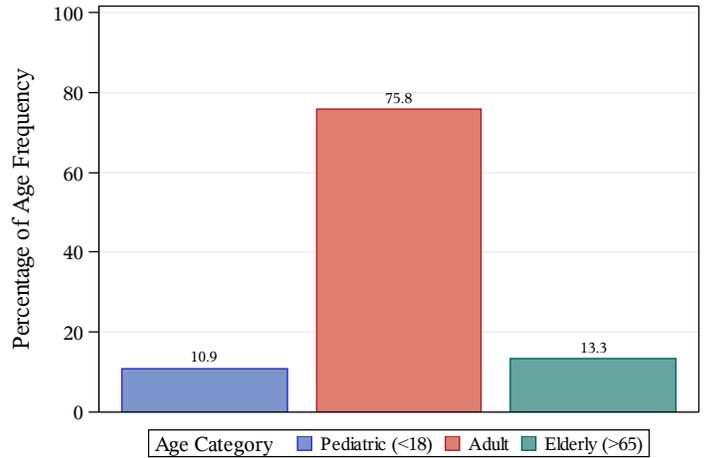


Motor Vehicle Collision

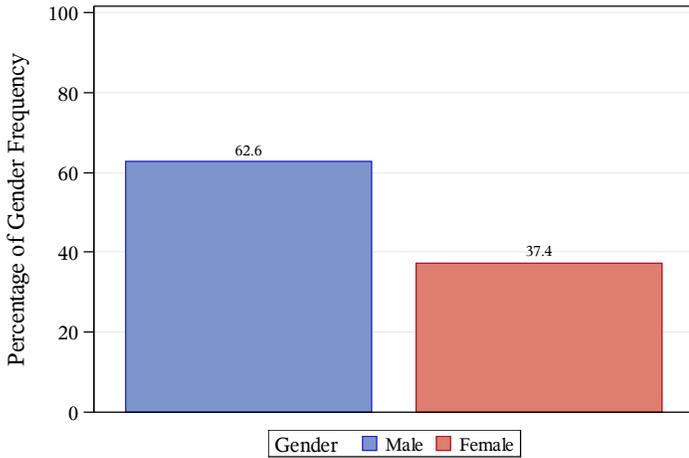
Race



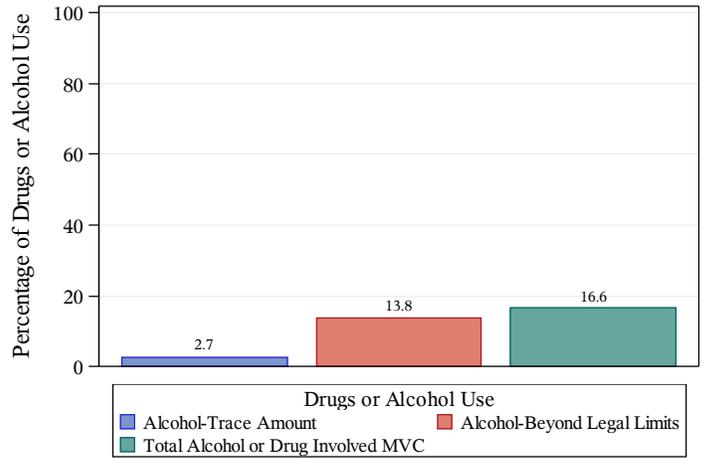
Age



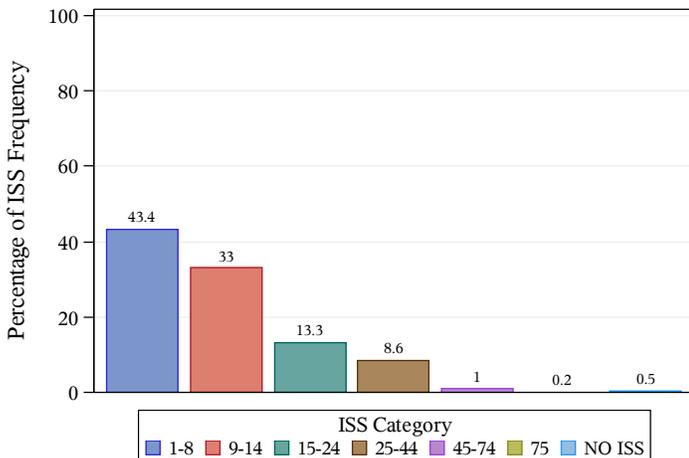
Gender



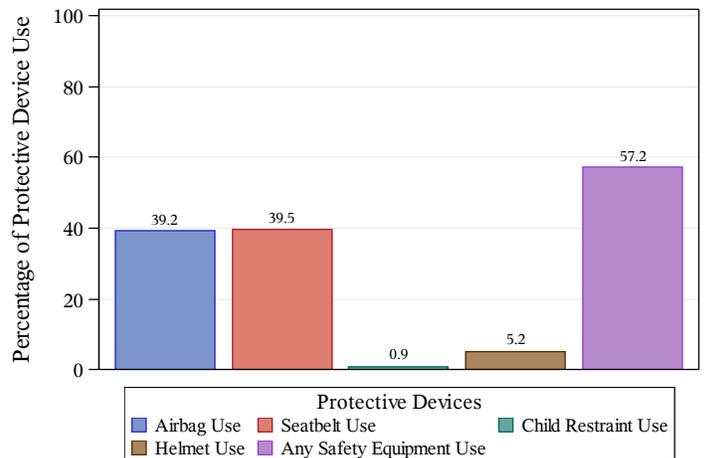
Drug & Alcohol Use



Injury Severity Score



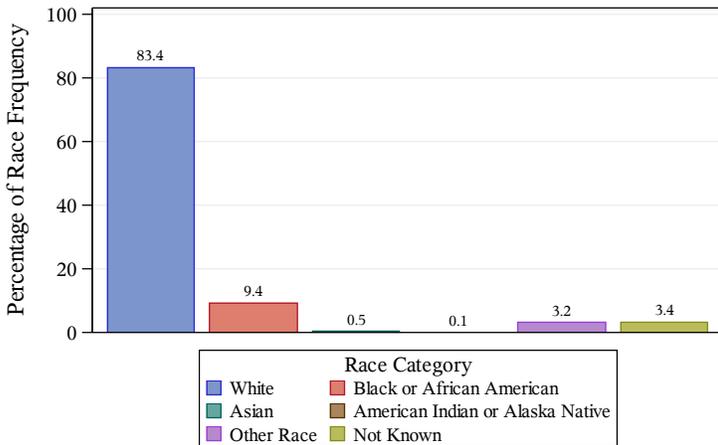
Protective Devices



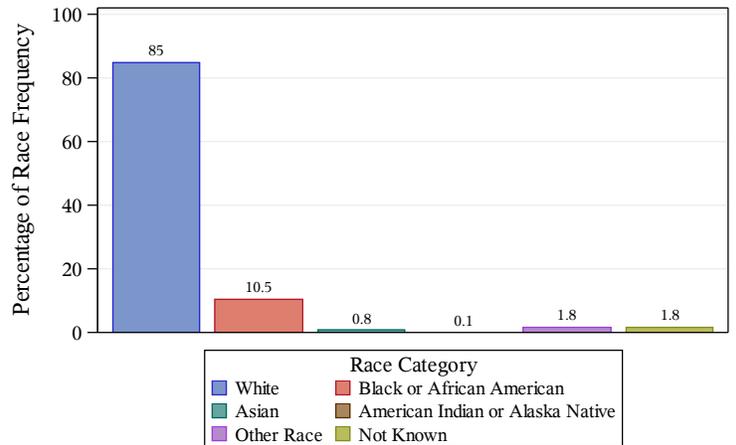
Injury Severity Score (ISS) is a measure of how bad the injury is. Scores over 15 are considered major trauma. A score of 75 is considered not survivable.

Race- Motor Vehicle Collision

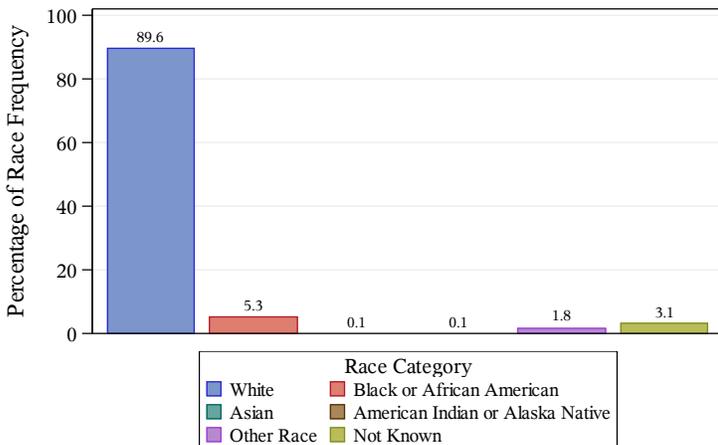
2013



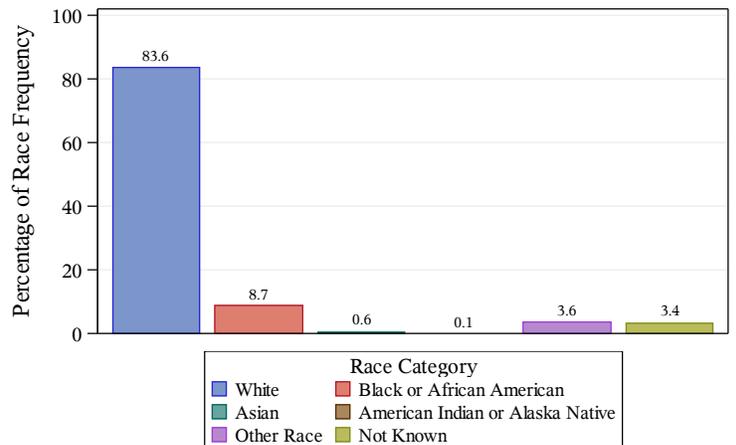
July 2015 to June 2016



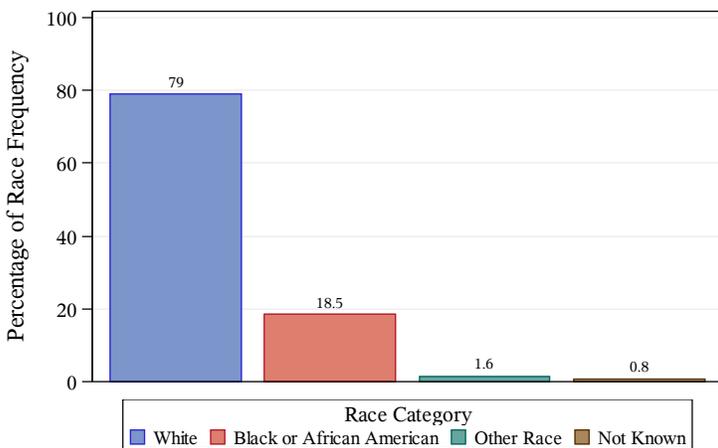
Motorcycle
July 2015 to June 2016



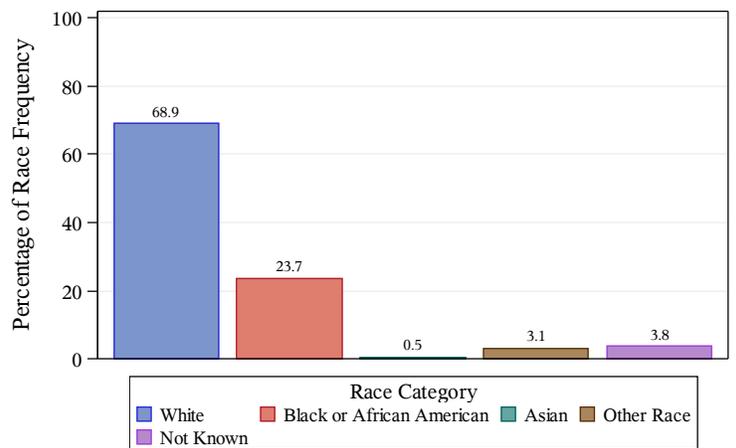
Automobile
July 2015 to June 2016



Bicyclist
July 2015 to June 2016

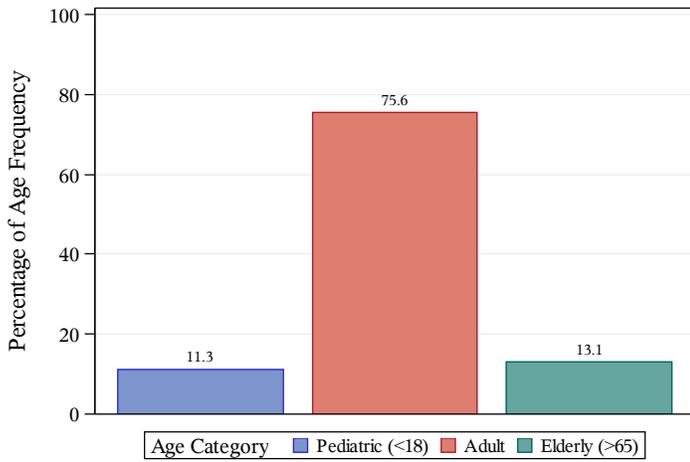


Pedestrian
July 2015 to June 2016

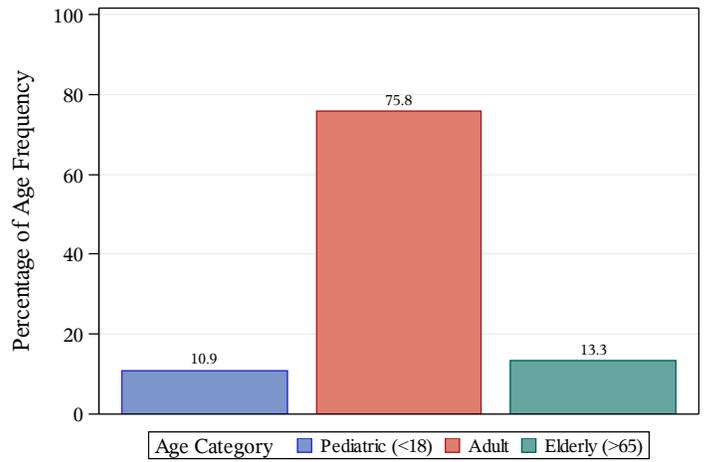


Age- Motor Vehicle Collision

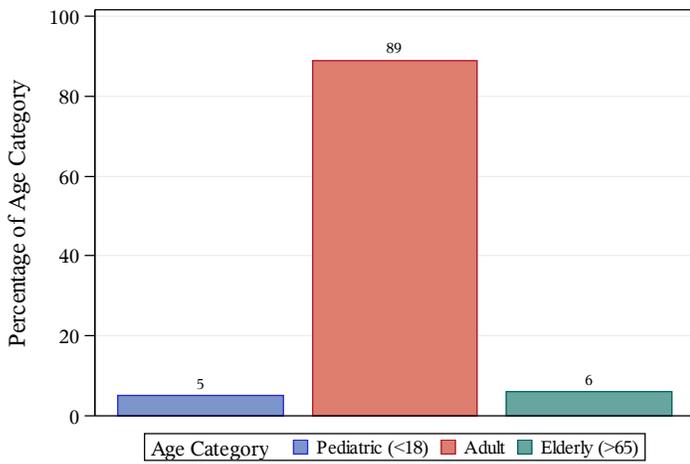
2013



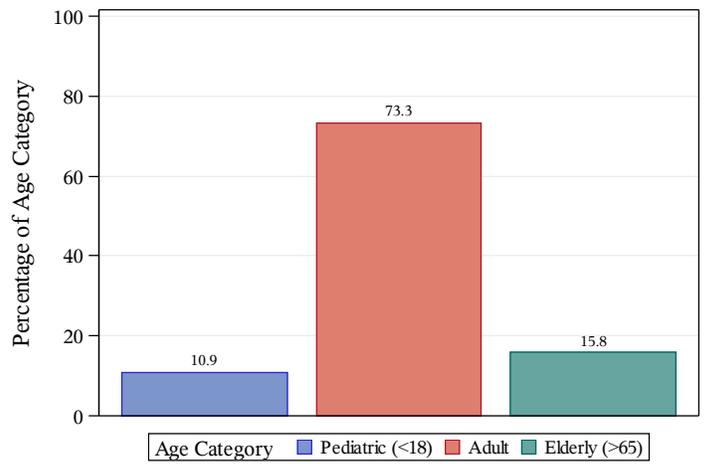
July 2015 to June 2016



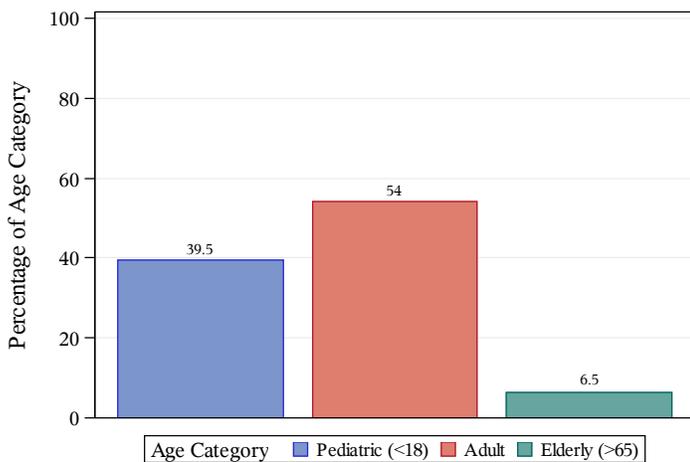
Motorcycle
July 2015 to June 2016



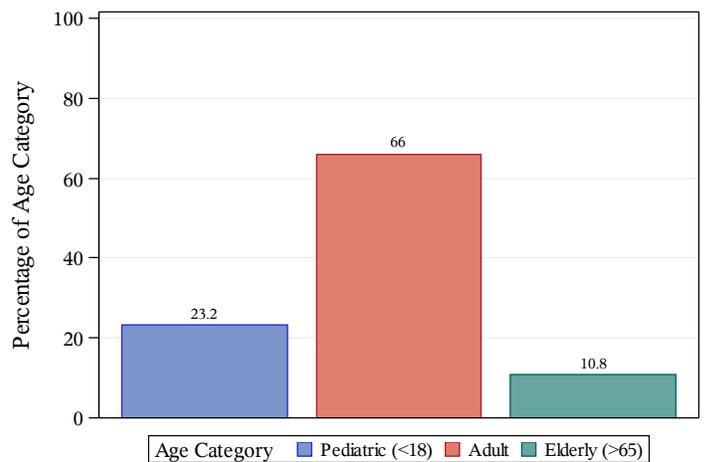
Automobile
July 2015 to June 2016



Bicyclist
July 2015 to June 2016

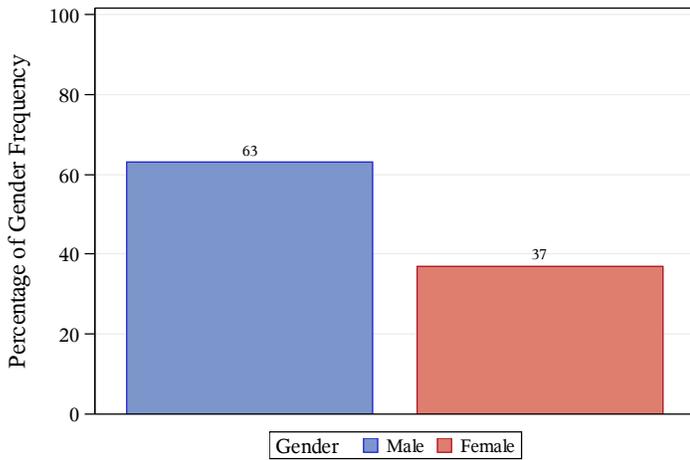


Pedestrian
July 2015 to June 2016

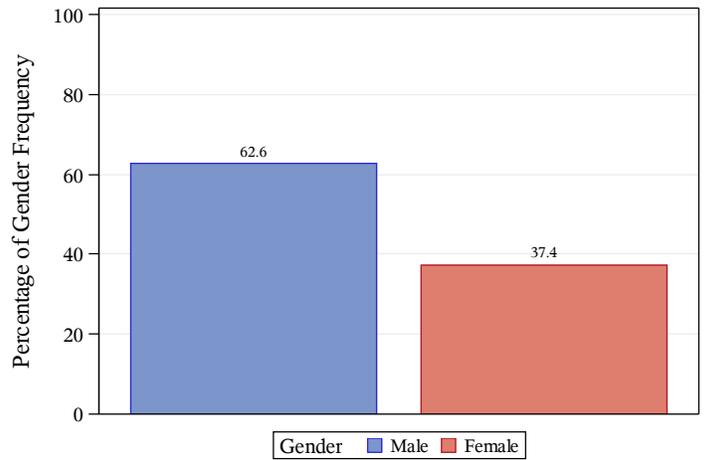


Gender- Motor Vehicle Collision

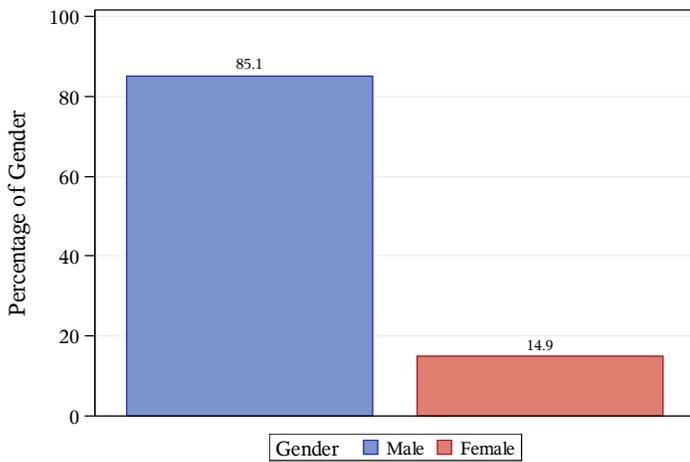
2013



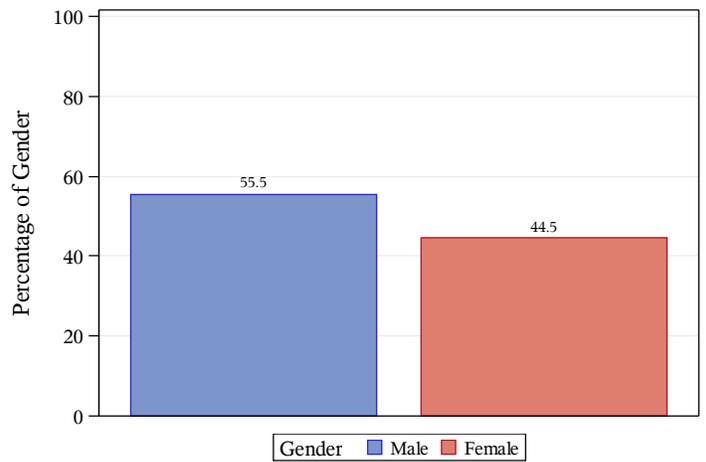
July 2015 to June 2016



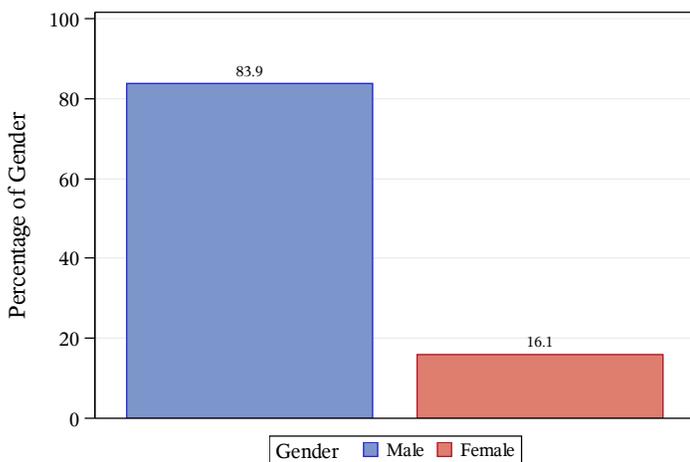
Motorcycle
July 2015 to June 2016



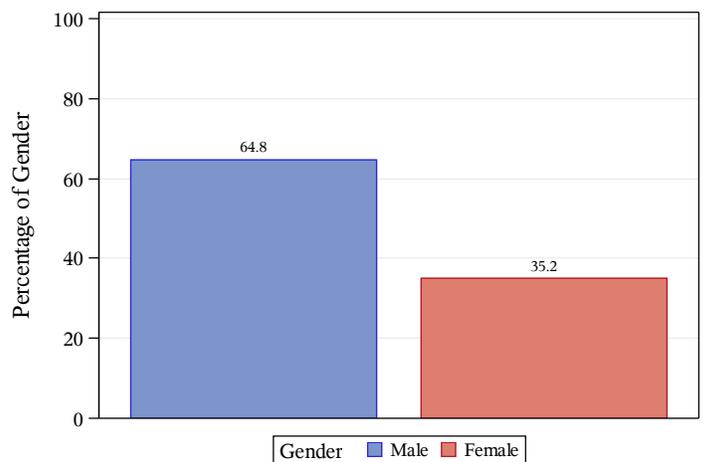
Automobile
July 2015 to June 2016



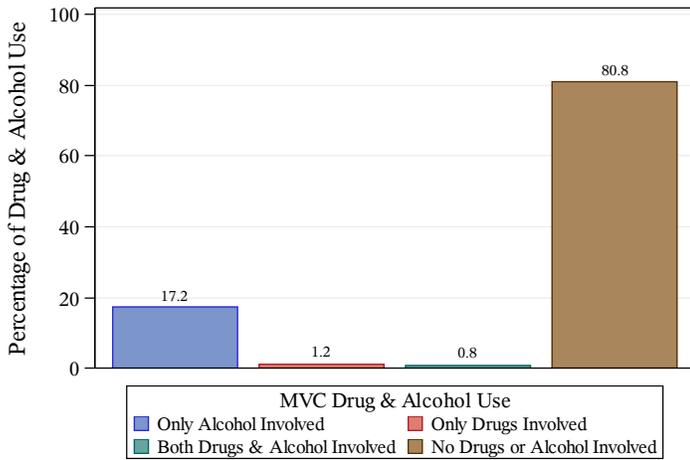
Bicyclist
July 2015 to June 2016



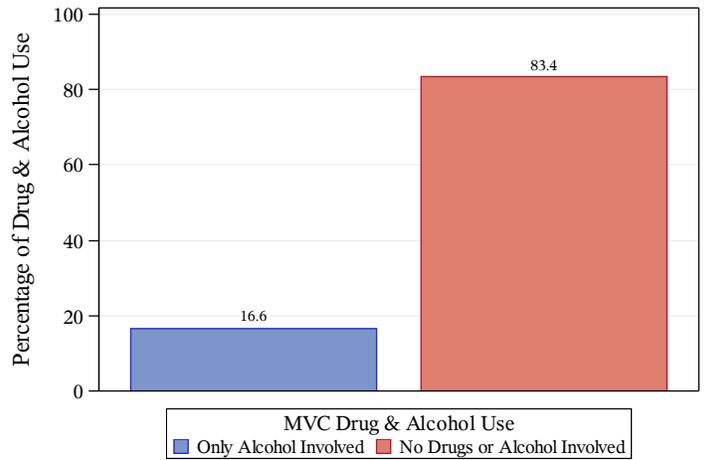
Pedestrian
July 2015 to June 2016



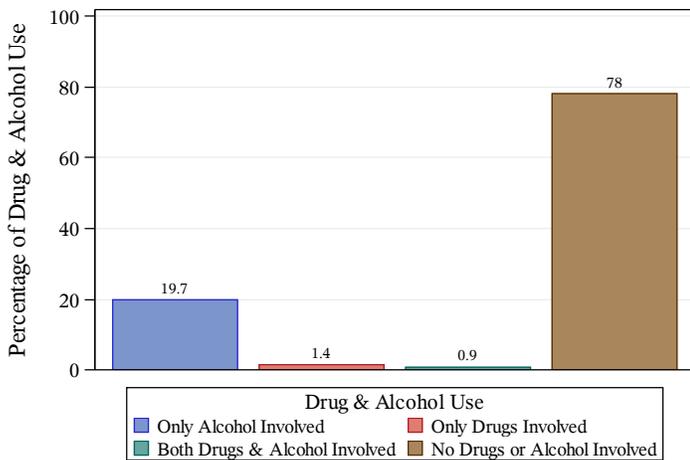
2013



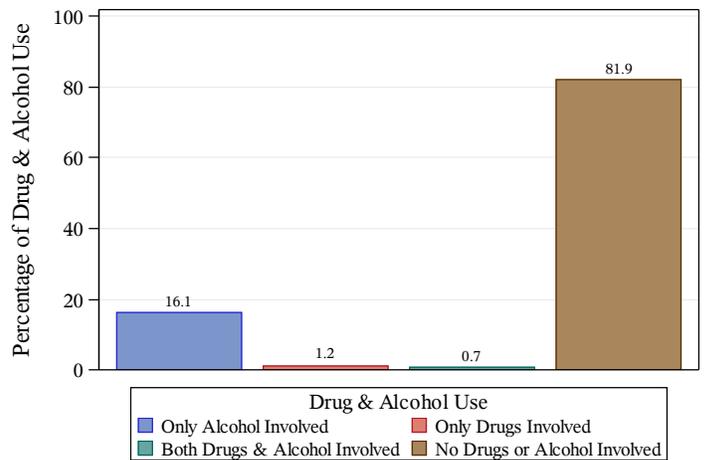
July 2015 to June 2016



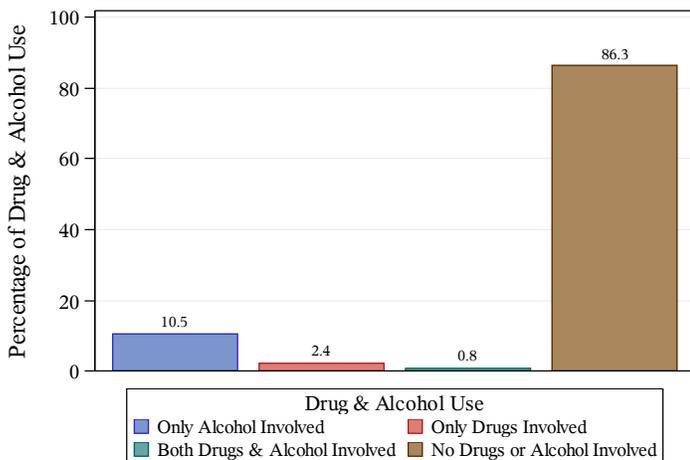
Motorcycle
 July 2015 to June 2016



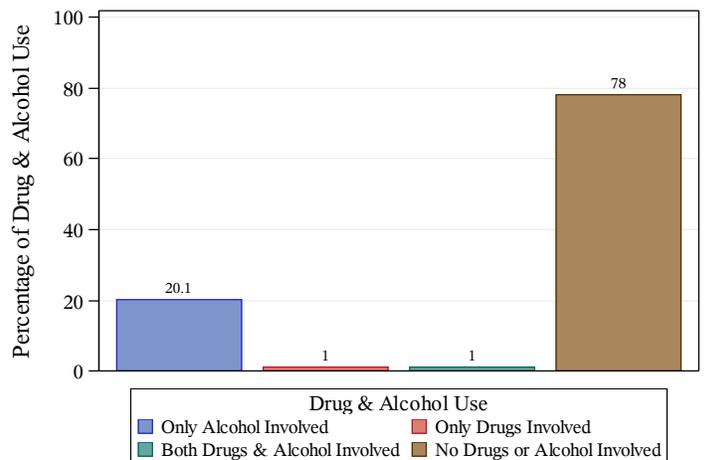
Automobile
 July 2015 to June 2016



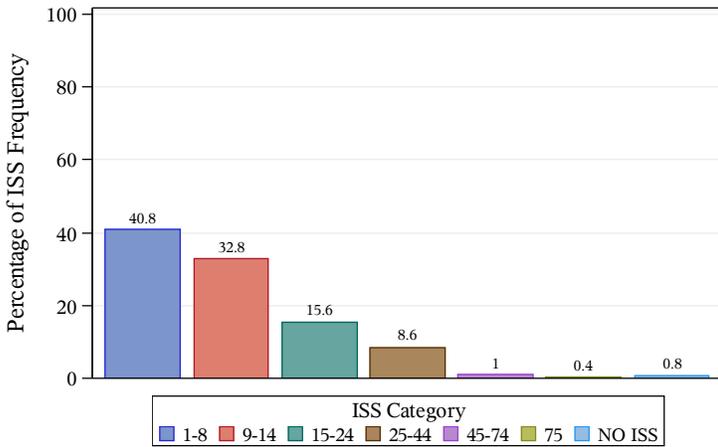
Bicyclist
 July 2015 to June 2016



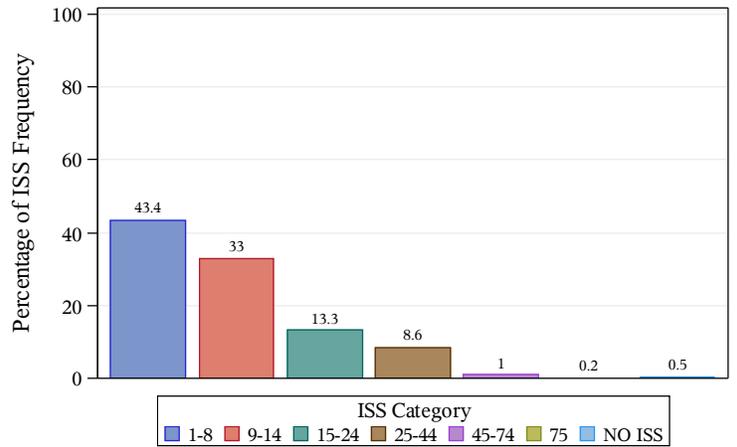
Pedestrian
 July 2015 to June 2016



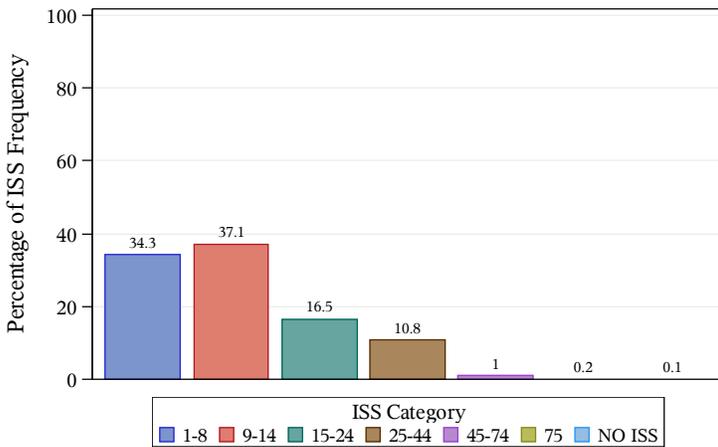
2013



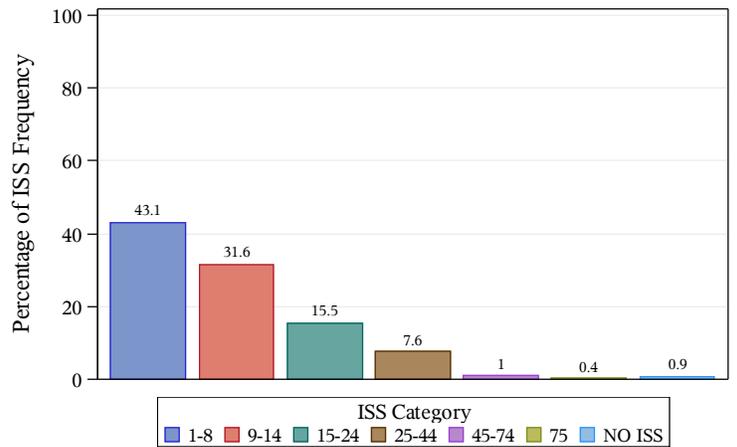
July 2015 to June 2016



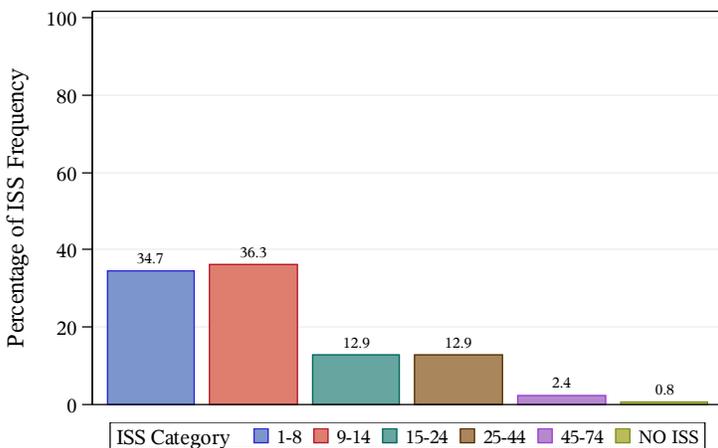
**Motorcycle
 July 2015 to June 2016**



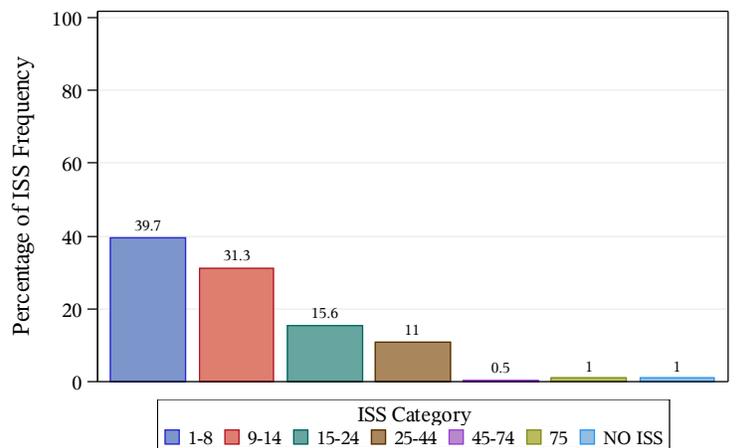
**Automobile
 July 2015 to June 2016**



**Bicyclist
 July 2015 to June 2016**

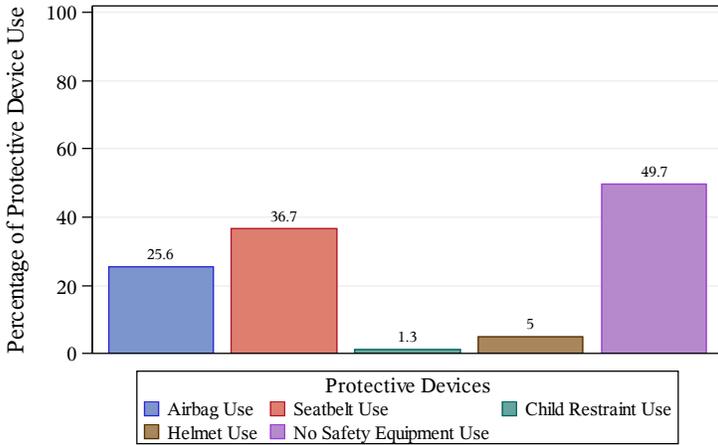


**Pedestrian
 July 2015 to June 2016**

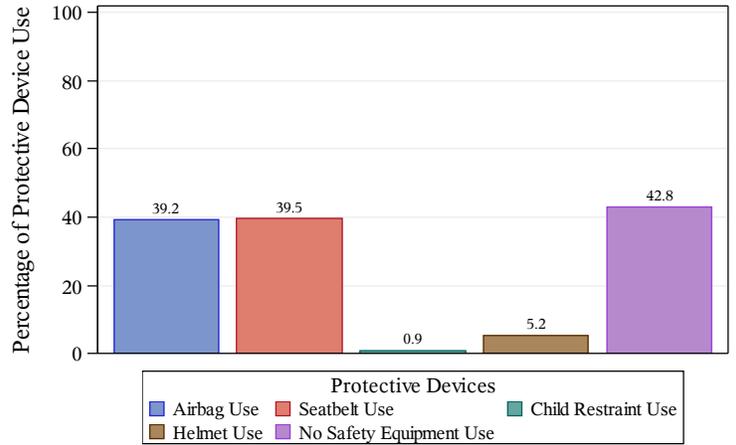


Protective Devices- Motor Vehicle Collision

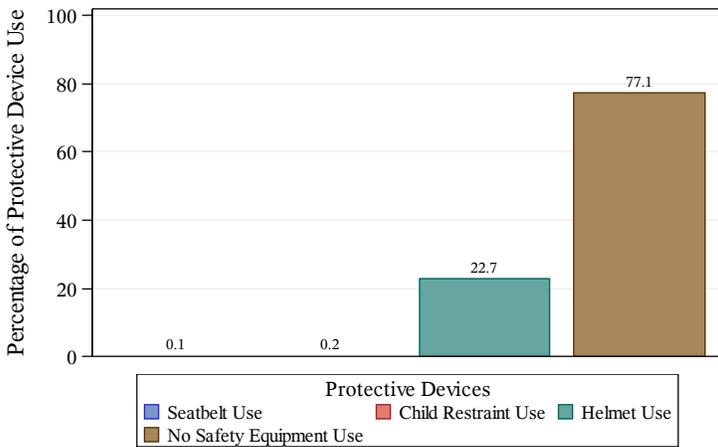
2013



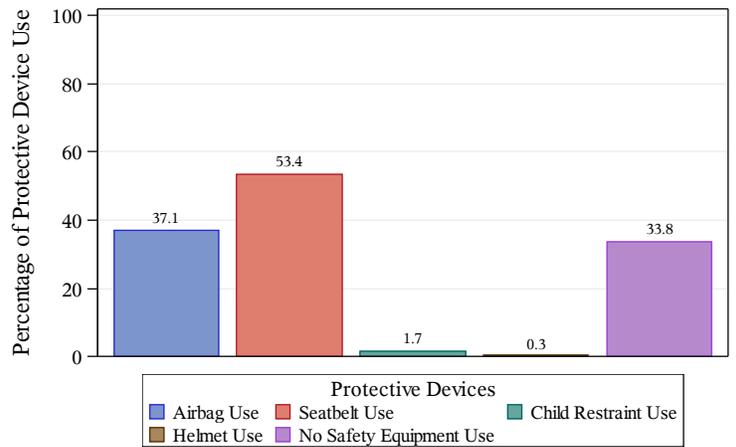
July 2015 to June 2016



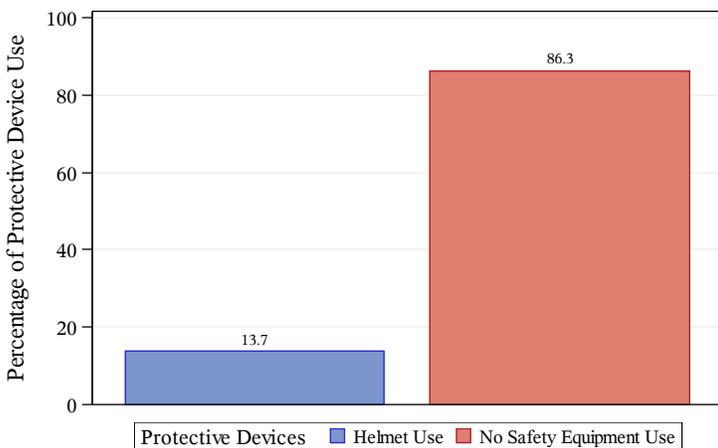
Motorcycle
July 2015 to June 2016



Automobile
July 2015 to June 2016



Bicyclist
July 2015 to June 2016



Pedestrian
July 2015 to June 2016

