

On June 5th, Ramzi Nimry (Statewide Trauma System Development and Training Manager) and Camry Hess (Data Analyst) welcomed the new Registry Coordinator, Paravdeep (Pravy) Nijjar to the Division of Trauma and Injury Prevention.

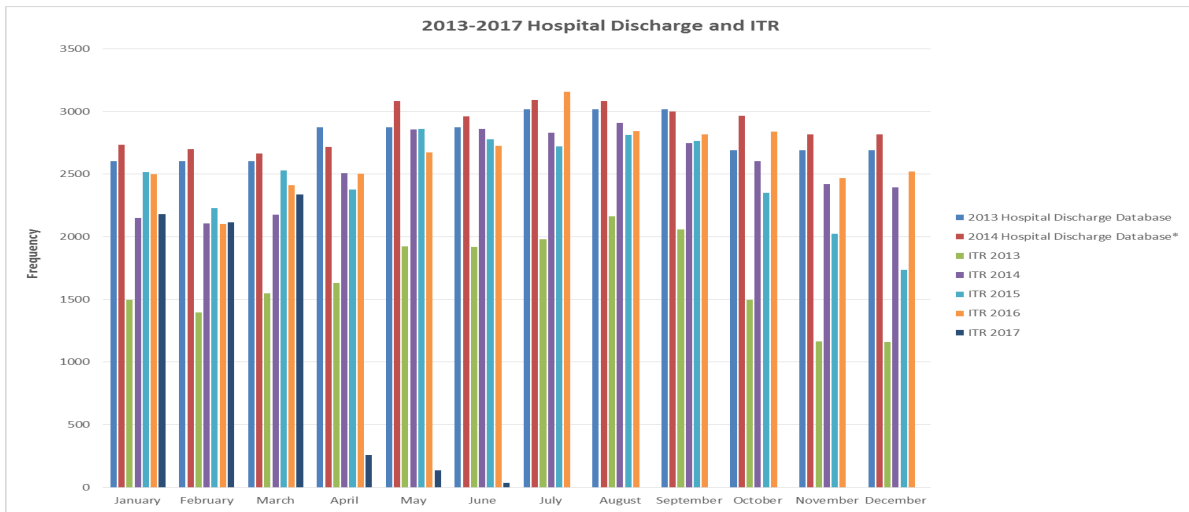
On June 14th, Ramzi Nimry (Statewide Trauma System Development and Training Manager) attending District 2's Trauma Regional Advisory Council at Plymouth Hospital.

On June 15th, Ramzi Nimry (Statewide Trauma System Development and Training Manager) trained Porter Regional Hospital on the Indiana Trauma Registry.

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

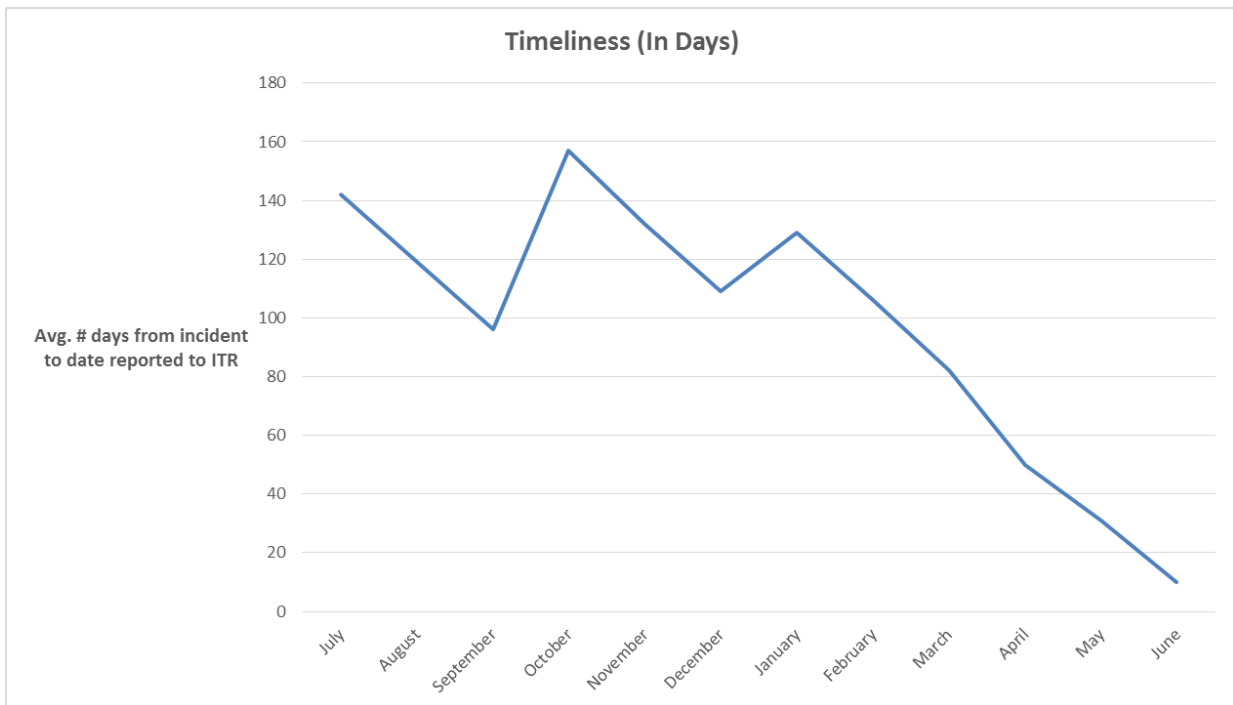
The Hospital Discharge database, also maintained by the ISDH, contains all records of patients cared for in Indiana hospitals. We compared patient records from the ITR with the Hospital Discharge database to know how complete is the ITR's data.



Timeliness

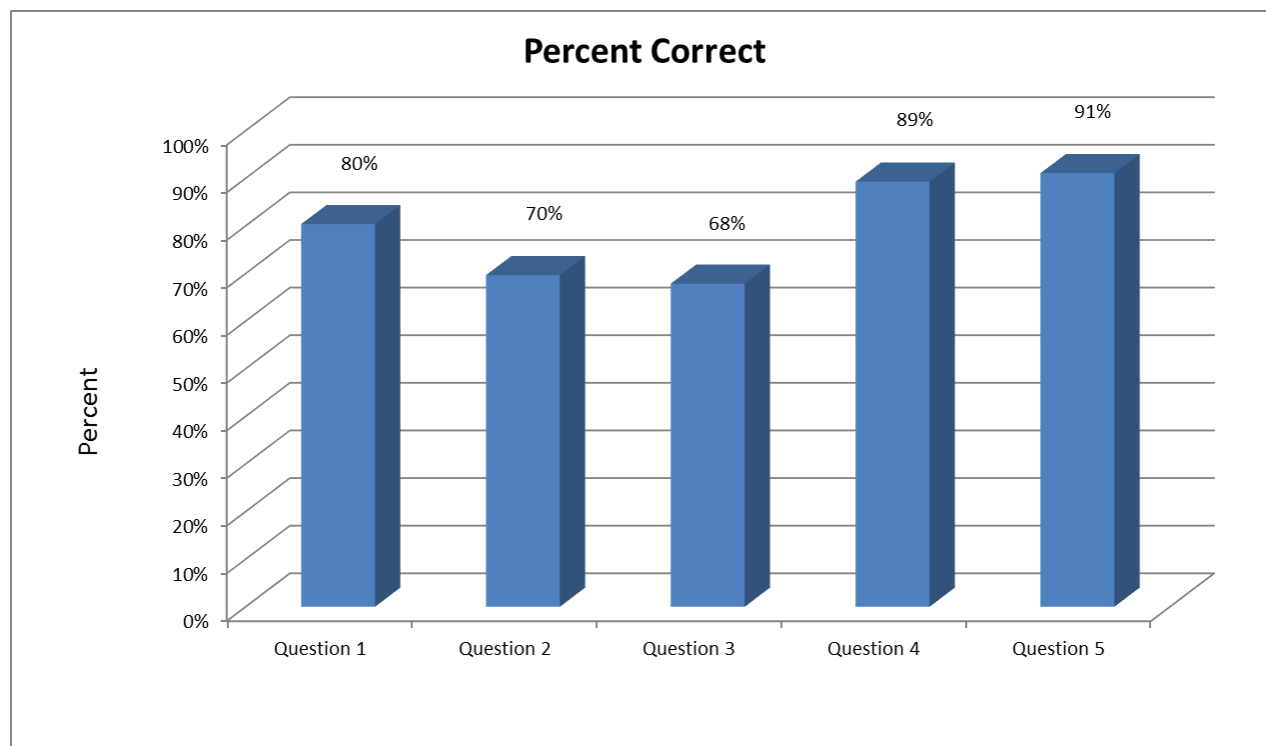
Timeliness increases as facilities wait until the data submission deadline to submit data to the ITR. Hospitals are asked to report data on the national trauma (TQIP) reporting schedule.

The decrease in timeliness from April 2017 until June 2017 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 thirty-eighth monthly quiz for the inter-rater reliability study. Fifty-six registrars completed the quiz from 32 hospitals. The percent of correct answers was 80% 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

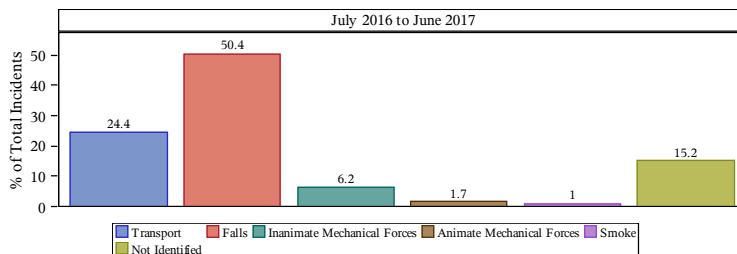
The number of linked EMS to trauma cases was 2,457 for Q3 2016 data. Trauma data is due on a quarterly basis.

Accessibility

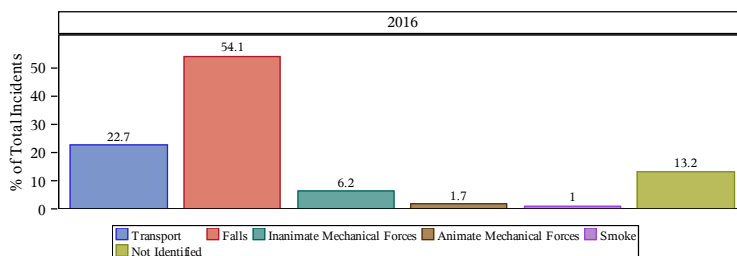
The average time to complete data requests was 2.5 days for aggregate requests (4 total), and 4 days for identifiable requests (2 total). There were no self-reports for June.

Cause of Injury (COI)

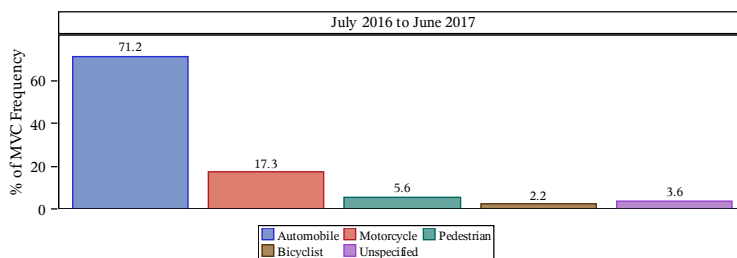
Cause of Injury (COI)



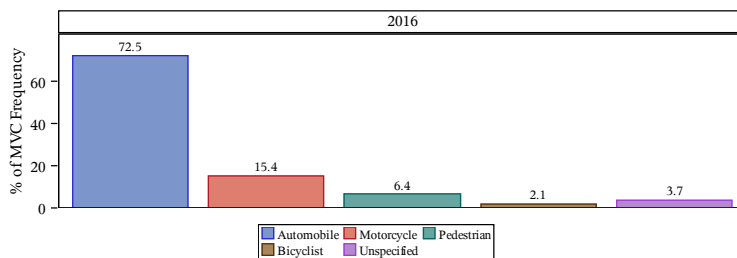
Cause of Injury (COI)



COI-Motor Vehicle Collision (MVC)

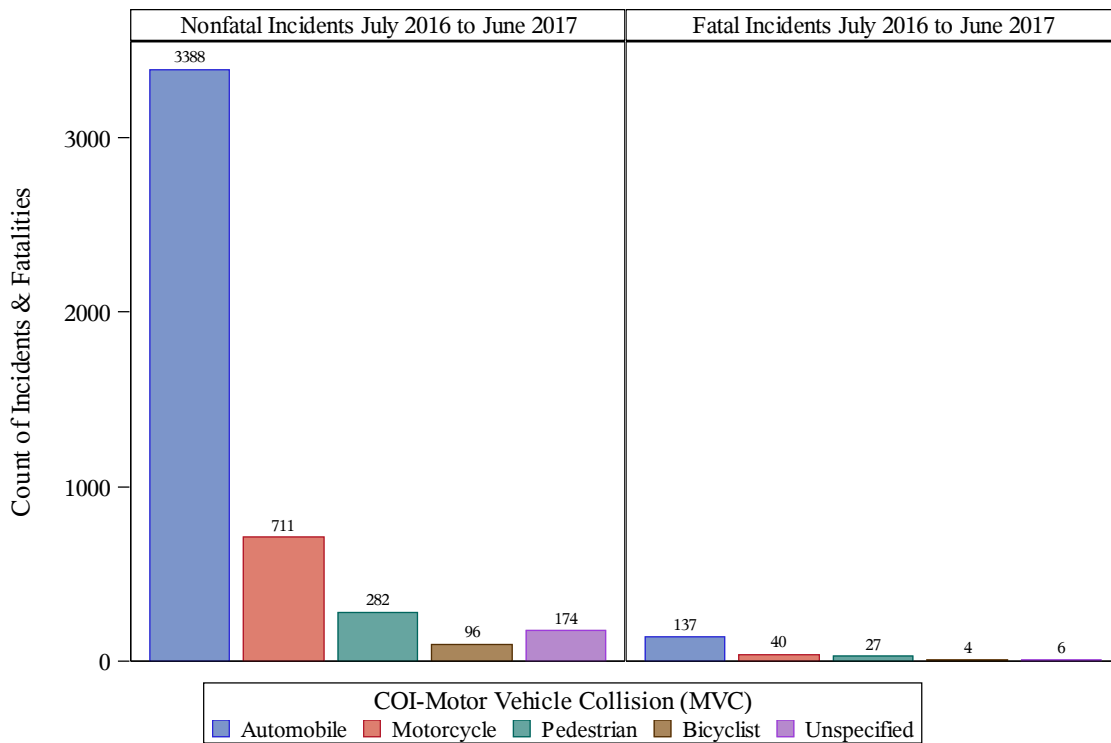
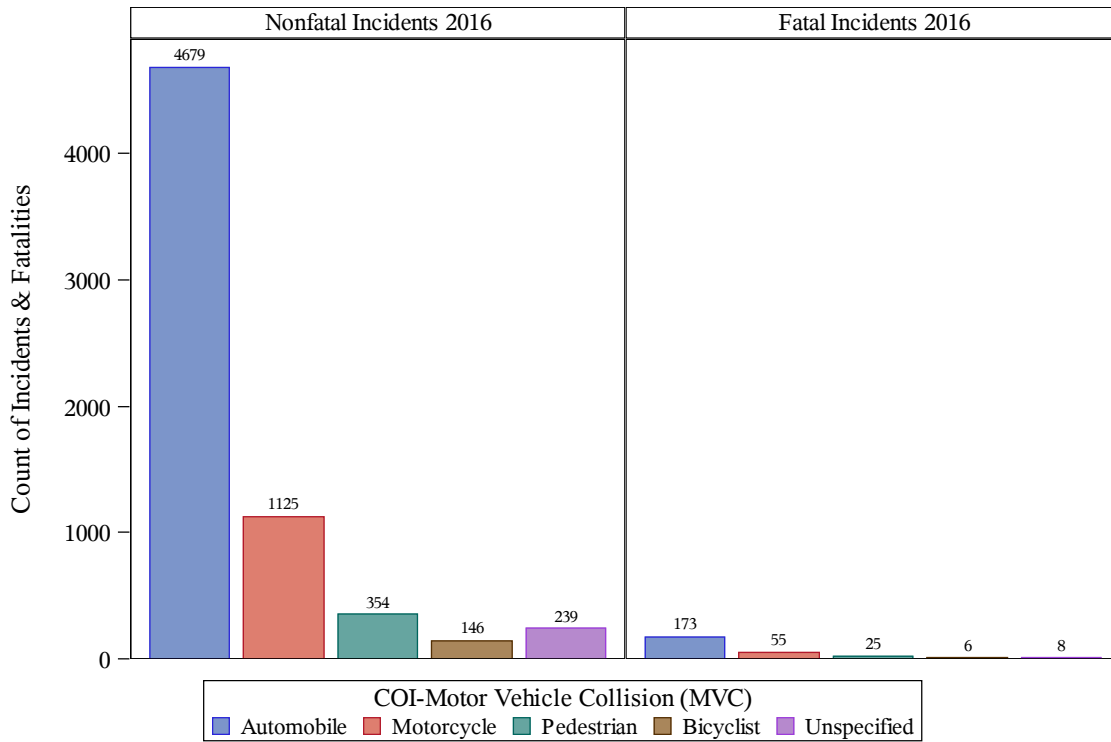


COI-Motor Vehicle Collision (MVC)



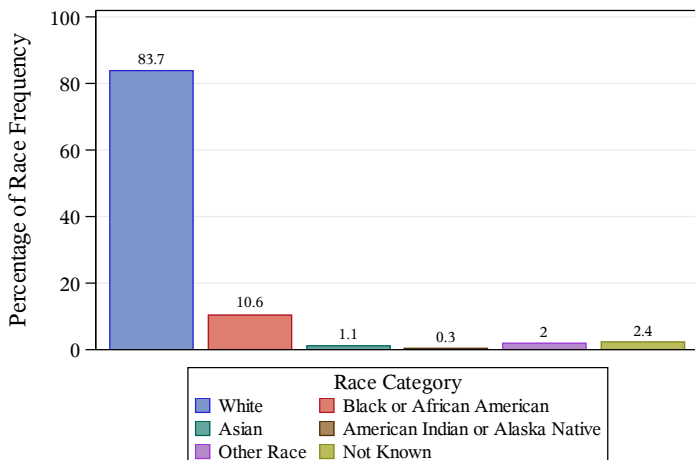
July 2016 to June 2017 **4865 Incidents**
January 2016 to December 2016 **6810 Incidents**
Motor Vehicle Collision

COI-MVC Nonfatal Incidents and Fatal Incidents

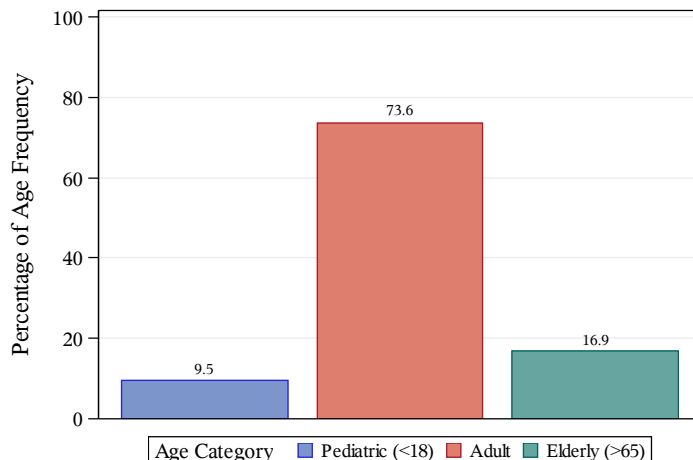


Motor Vehicle Collision

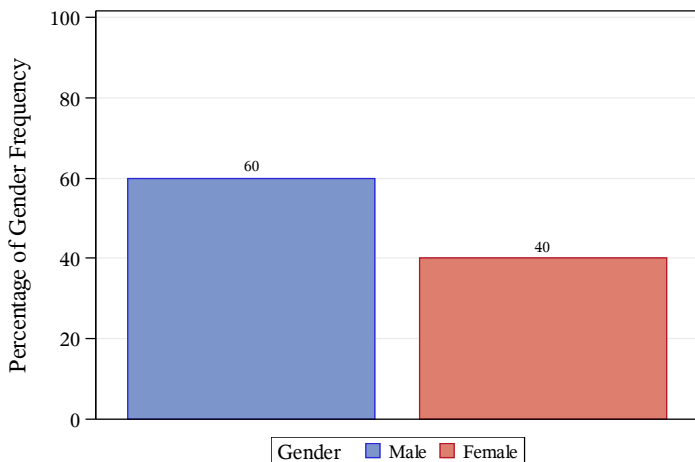
Race



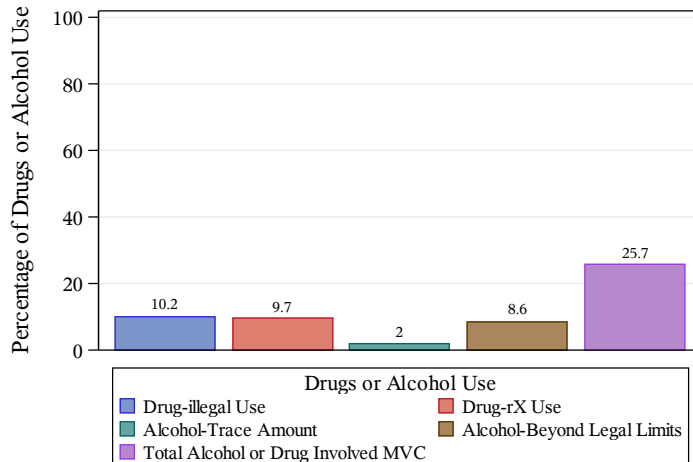
Age



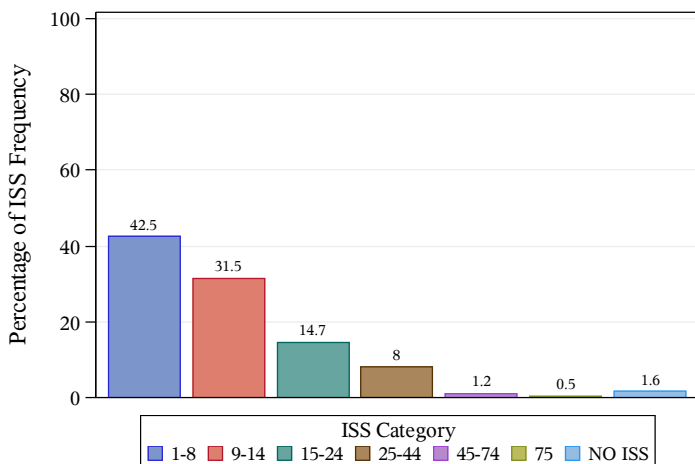
Gender



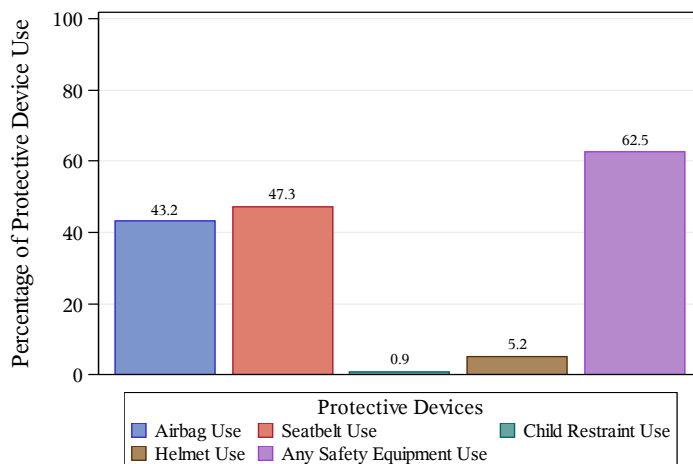
Drug & Alcohol Use



Injury Severity Score



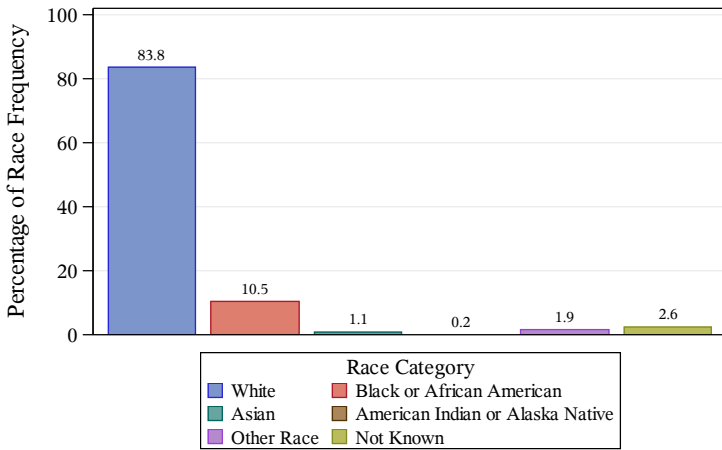
Protective Devices



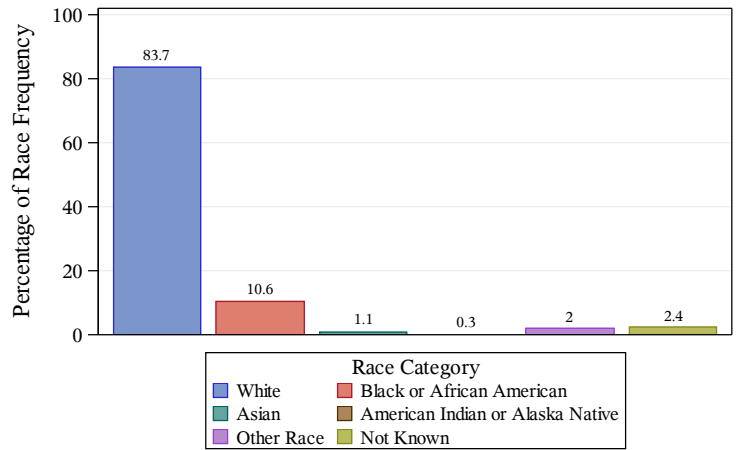
Injury Severity Score (ISS) is a measure of how bad the injury is. Scores over 15 are considered major trauma. A score of 75 is considered not survivable.

Race- Motor Vehicle Collision

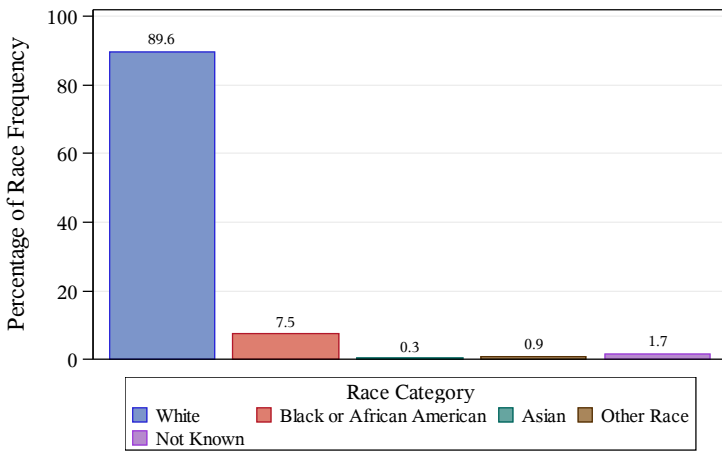
2016



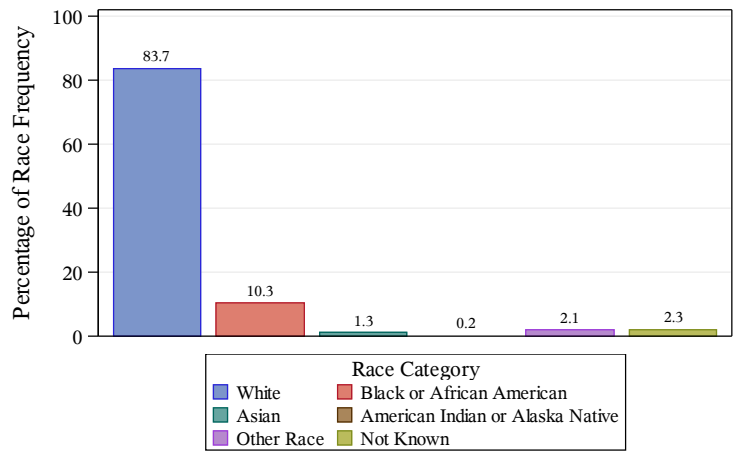
July 2016 to June 2017



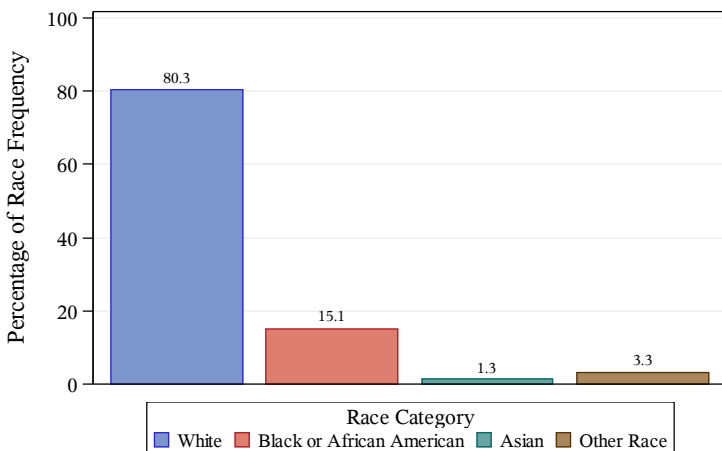
Motorcycle
July 2016 to June 2017



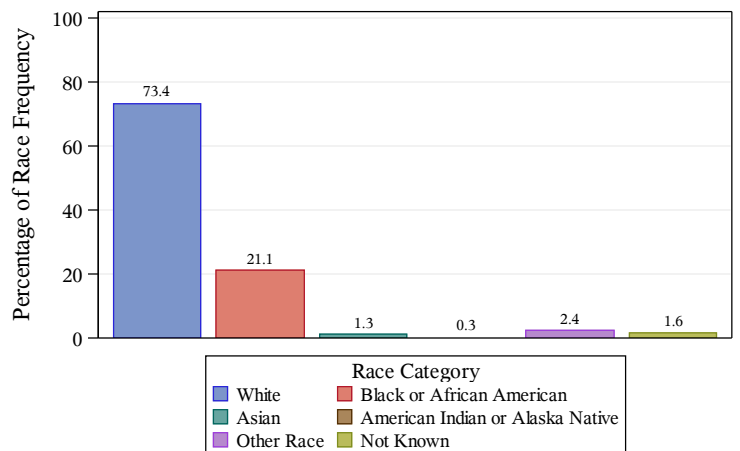
Automobile
July 2016 to June 2017



Bicyclist
July 2016 to June 2017

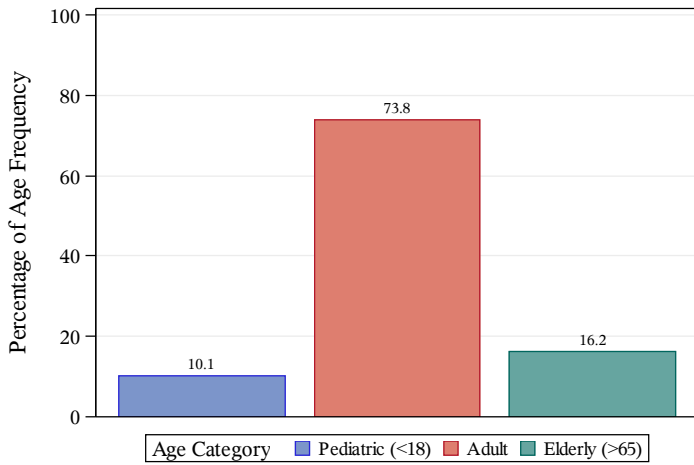


Pedestrian
July 2016 to June 2017

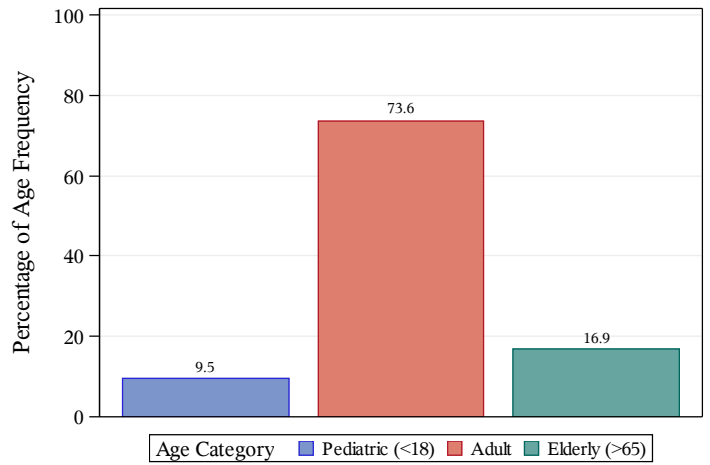


Age- Motor Vehicle Collision

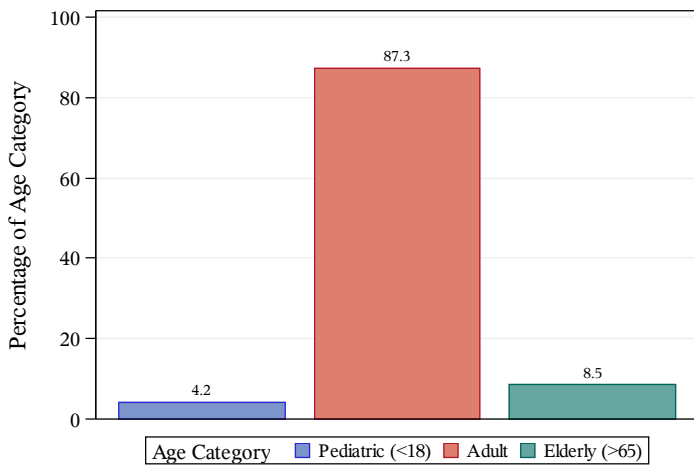
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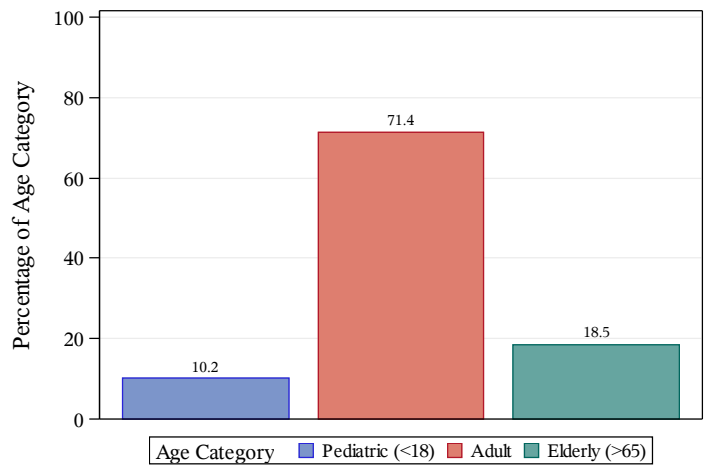
July 2016 to June 2017



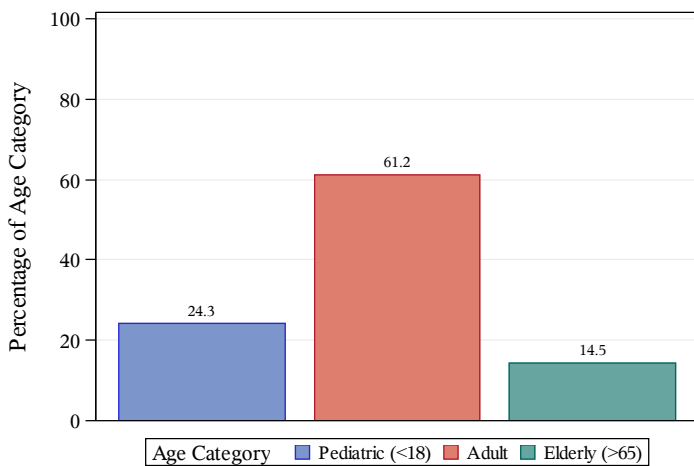
Motorcycle
July 2016 to June 2017



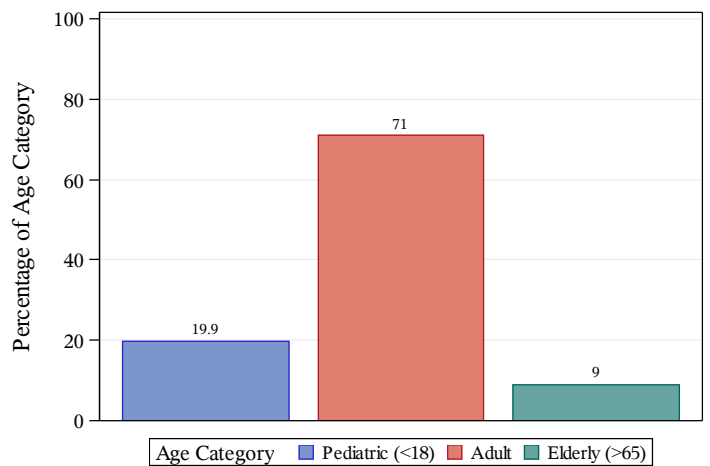
Automobile
July 2016 to June 2017



Bicyclist
July 2016 to June 2017

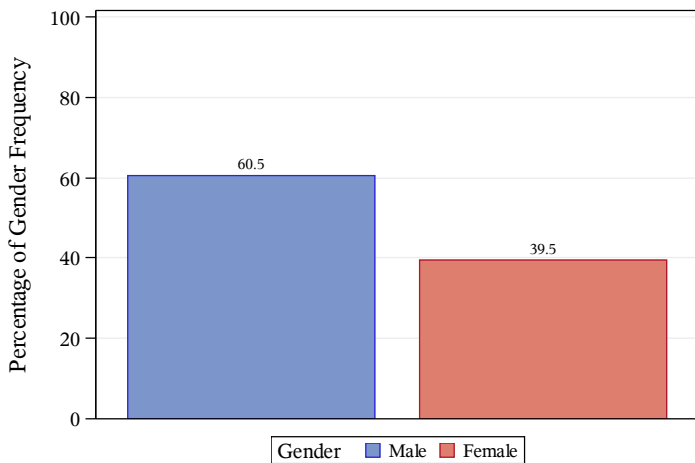


Pedestrian
July 2016 to June 2017

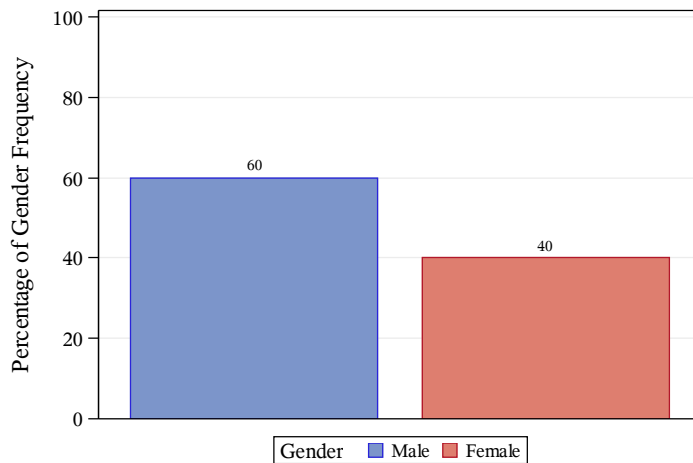


Gender- Motor Vehicle Collision

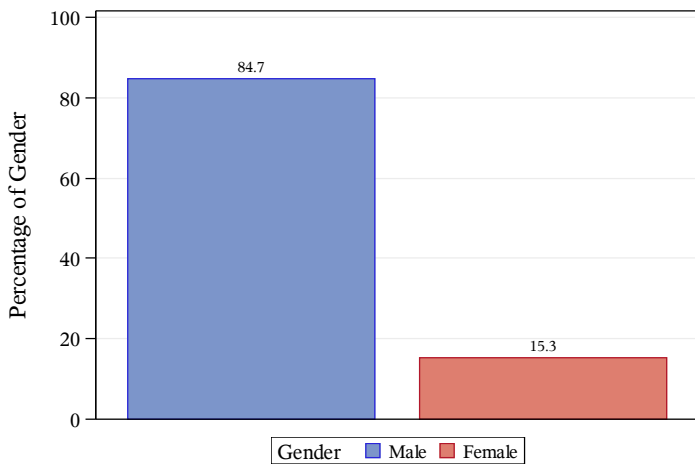
2016



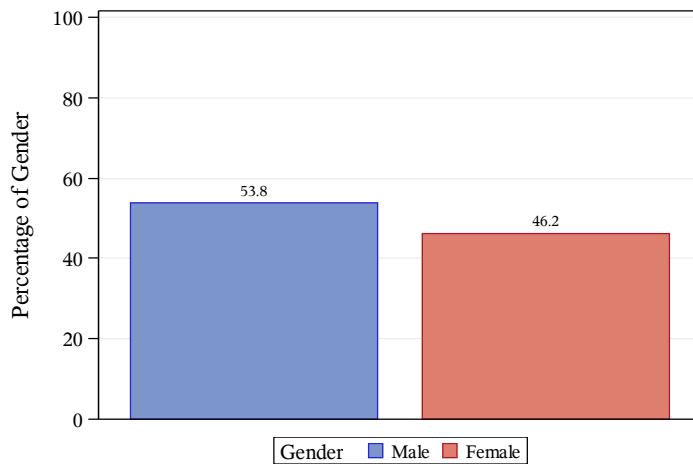
July 2016 to June 2017



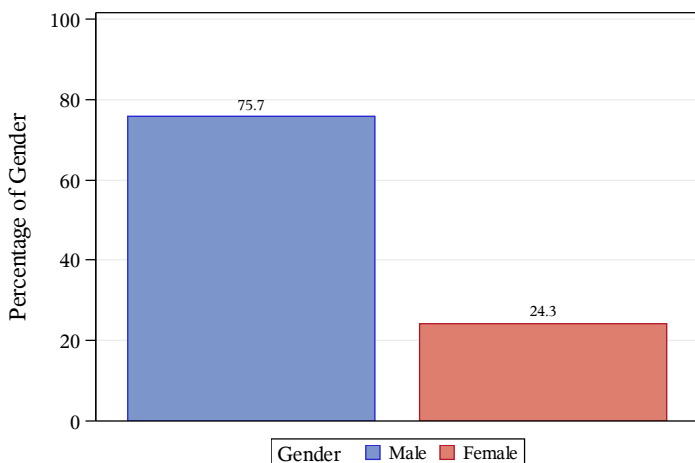
Motorcycle
July 2016 to June 2017



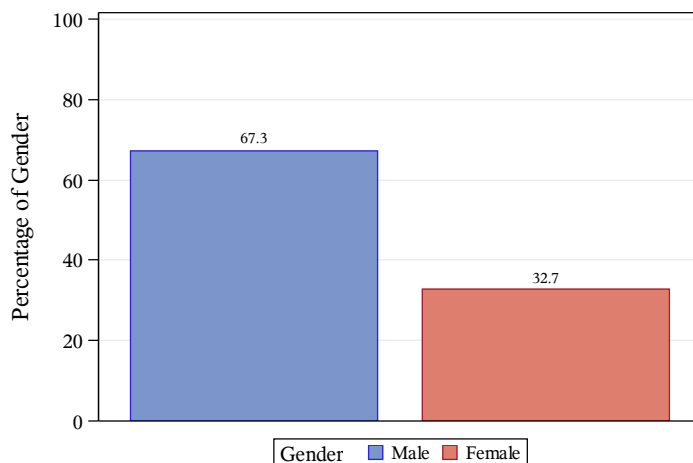
Automobile
July 2016 to June 2017



Bicyclist
July 2016 to June 2017

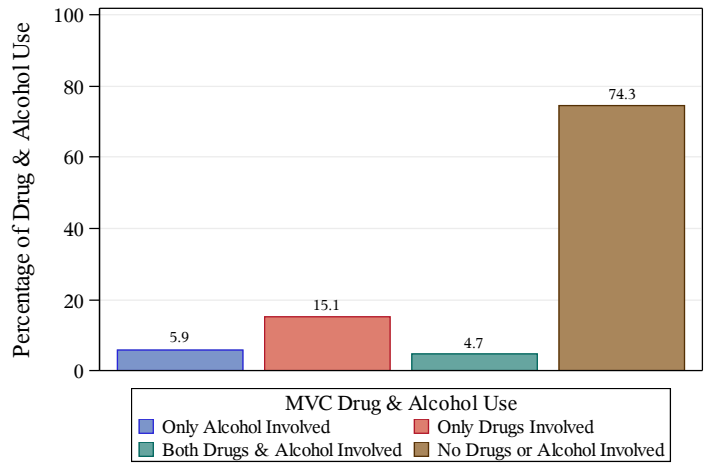
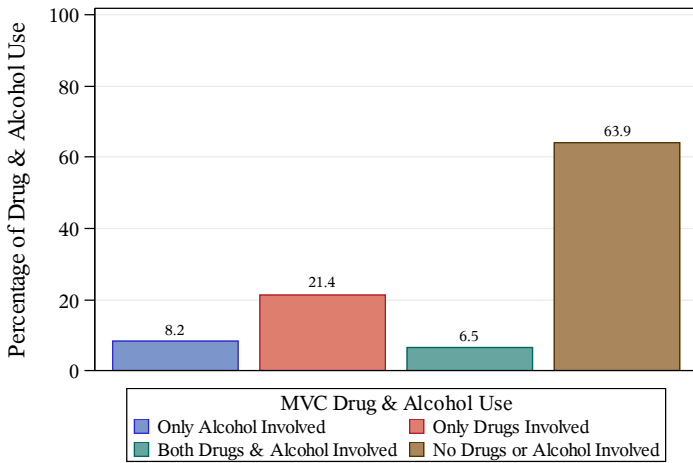


Pedestrian
July 2016 to June 2017



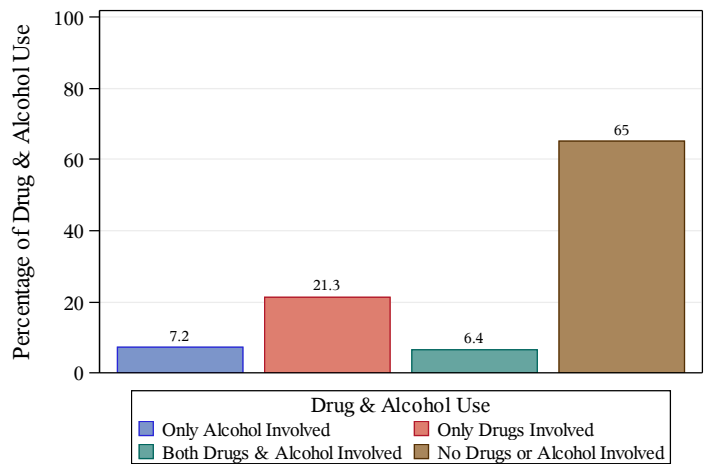
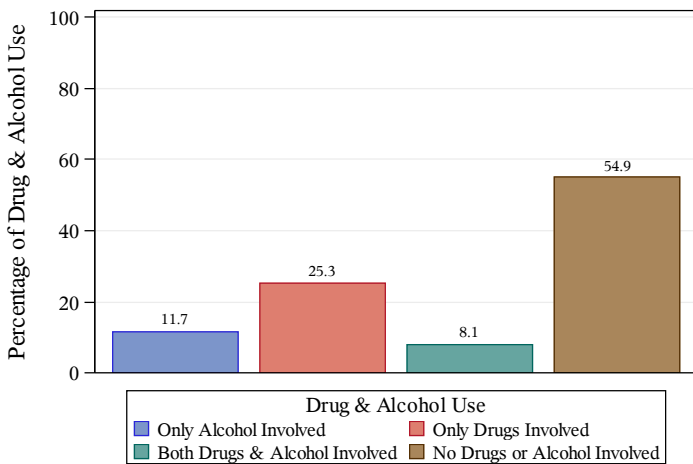
2016

July 2016 to June 2017



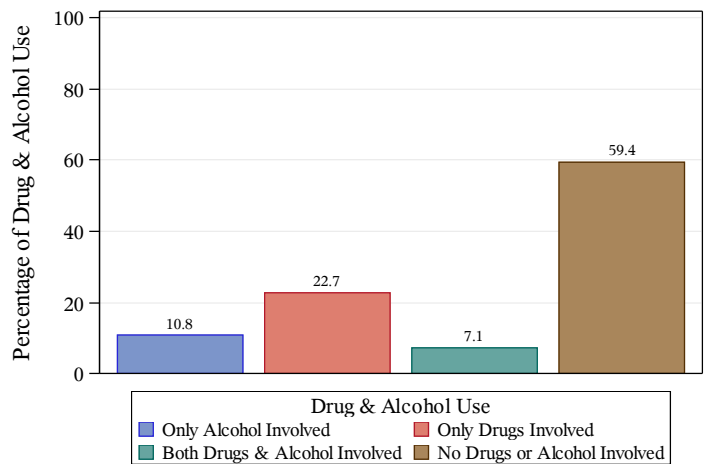
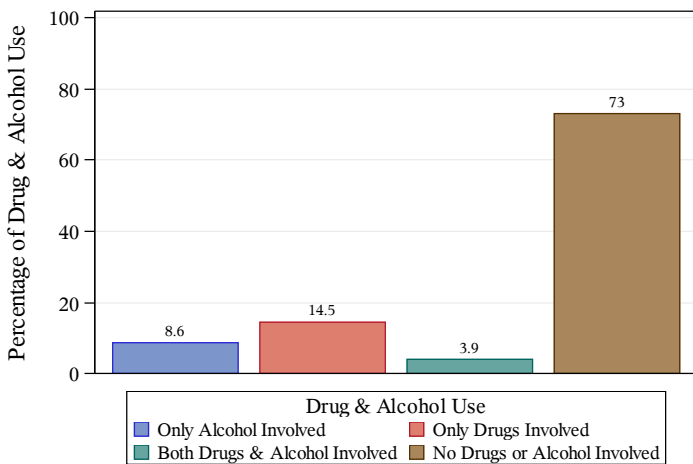
Motorcycle
 July 2016 to June 2017

Automobile
 July 2016 to June 2017



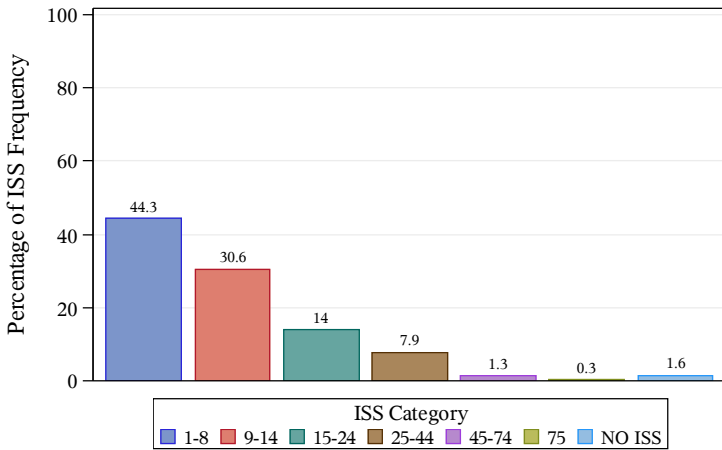
Bicyclist
 July 2016 to June 2017

Pedestrian
 July 2016 to June 2017

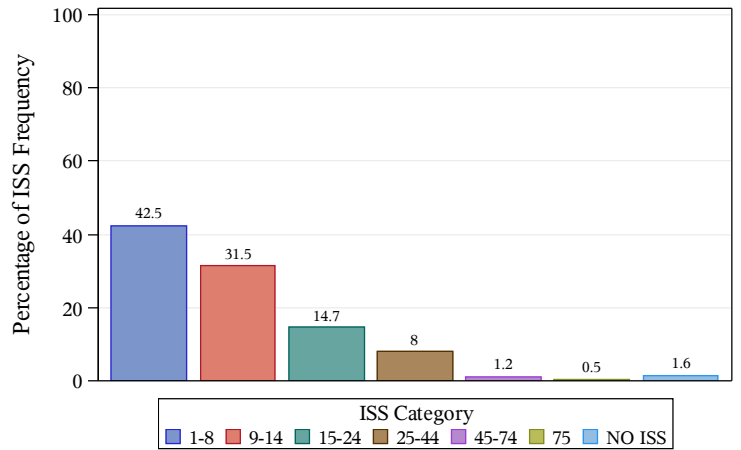


Injury Severity Score- Motor Vehicle Collision

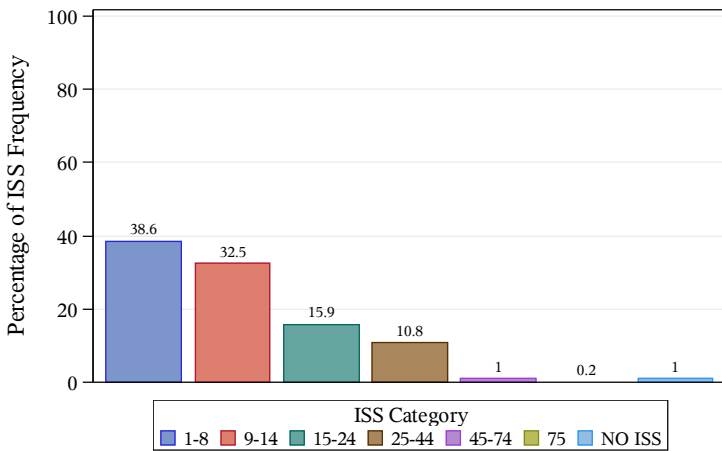
2016



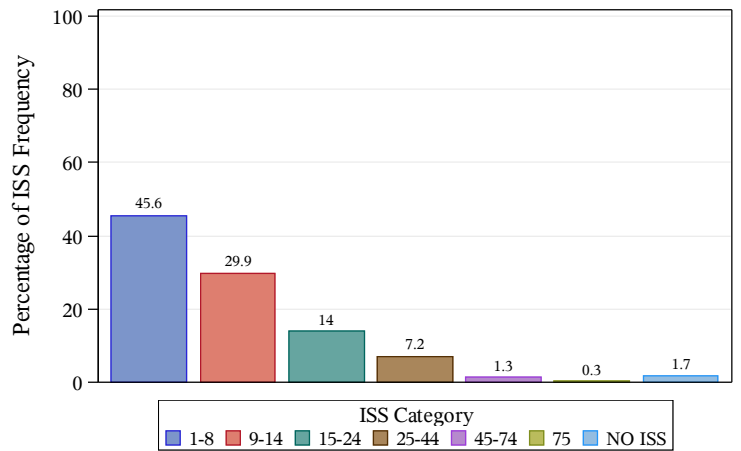
July 2016 to June 2017



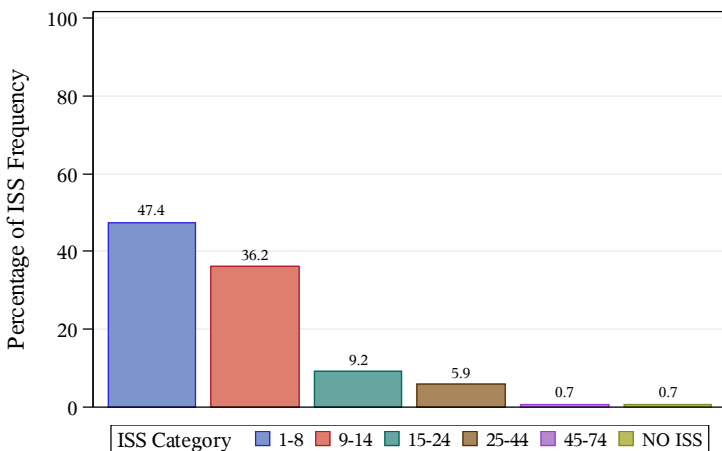
Motorcycle
July 2016 to June 2017



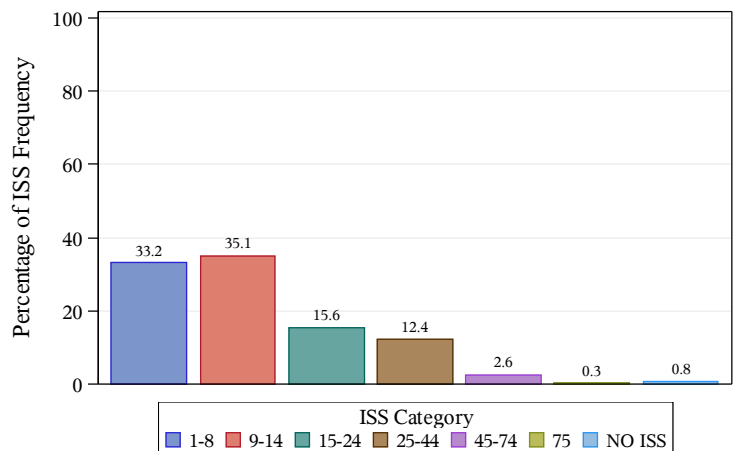
Automobile
July 2016 to June 2017



Bicyclist
July 2016 to June 2017

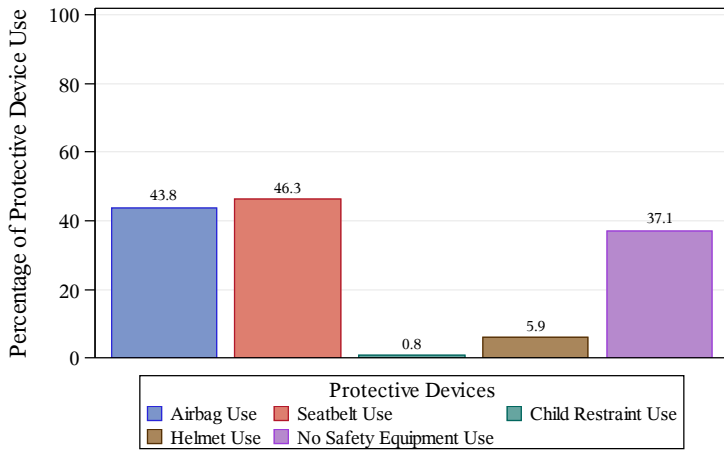


Pedestrian
July 2016 to June 2017

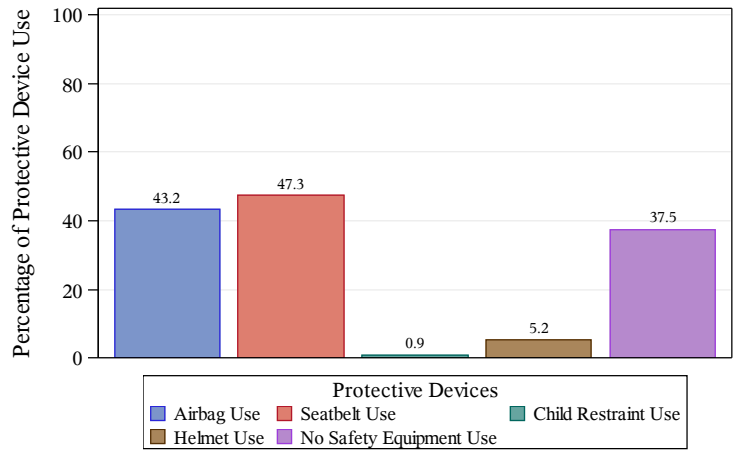


Protective Devices- Motor Vehicle Collision

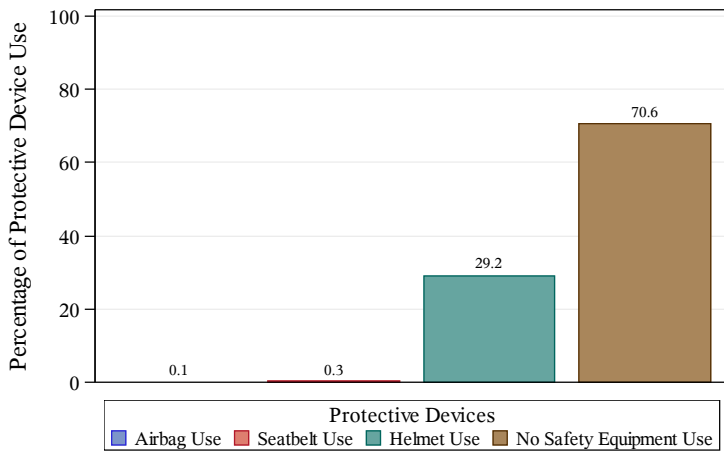
2016



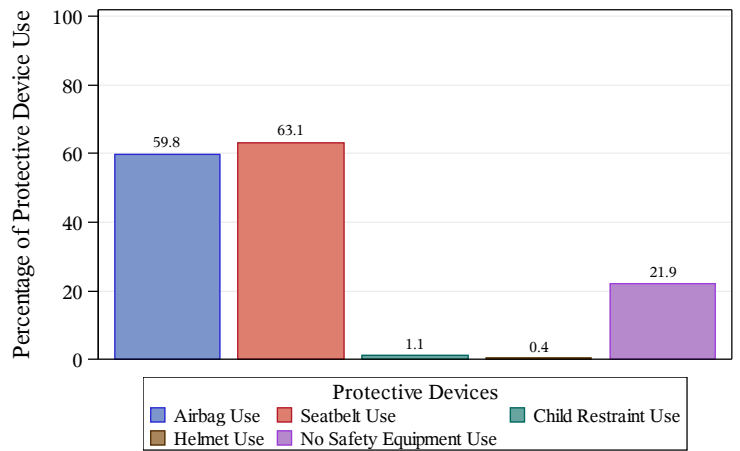
July 2016 to June 2017



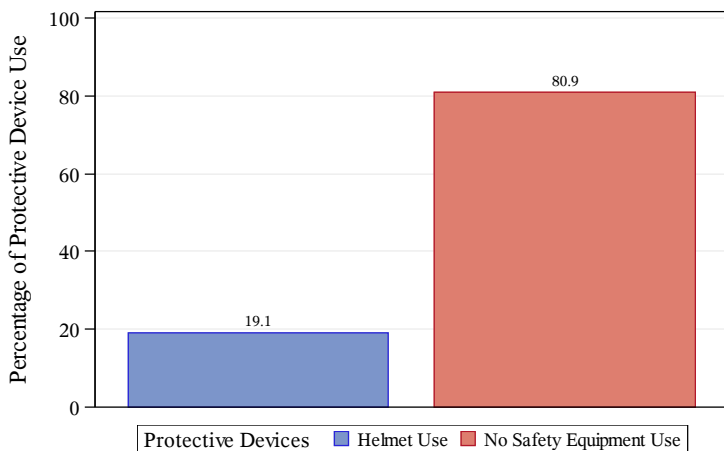
Motorcycle
July 2016 to June 2017



Automobile
July 2016 to June 2017



Bicyclist
July 2016 to June 2017



Pedestrian
July 2016 to June 2017

