

As an expansion to my role I have been training Indiana coroners on the Indiana Coroner Case Management System while continuing to train hospitals on the Indiana Trauma Registry.-Ramzi

On November 6th, Ramzi Nimry (Statewide Trauma System Development and Training Manager) attended the Pediatric Readiness Facility Recognition Consensus meeting at ISDH.

On November 9th, Camry Hess (Data Analyst) and Ramzi Nimry (Statewide Trauma System Development and Training Manager) attended the District 1 Trauma Advisory Council in Valparaiso.

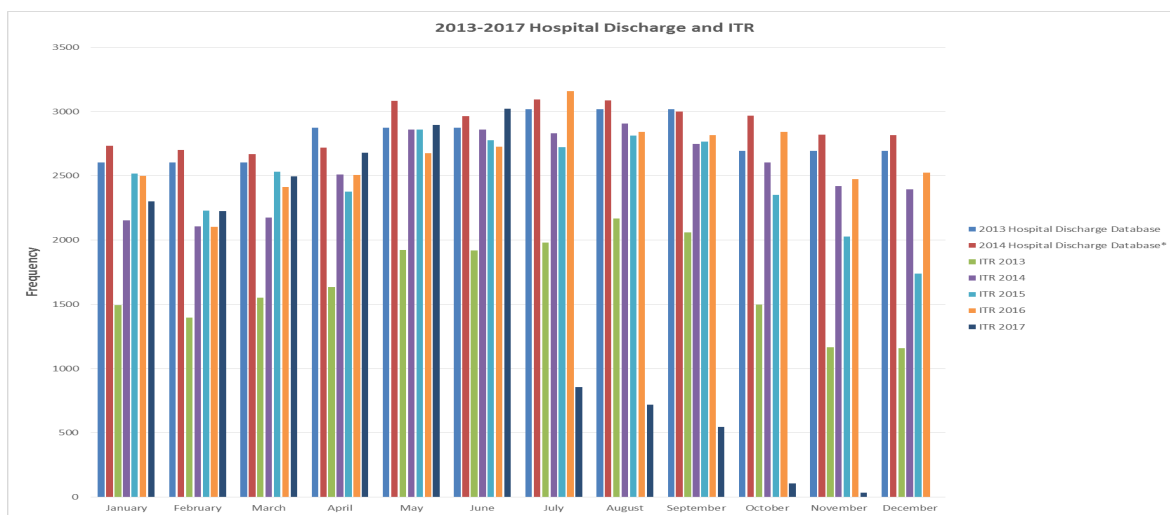
On November 14th, Camry Hess (Data Analyst) and Ramzi Nimry (Statewide Trauma System Development and Training Manager) attended the Indiana State Trauma Care Committee's PI Subcommittee meeting.

On November 30th, Ramzi Nimry (Statewide Trauma System Development and Training Manager) attended District 7's Wabash Valley Trauma Advisory Council meeting at Terre Haute Regional hospital.

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

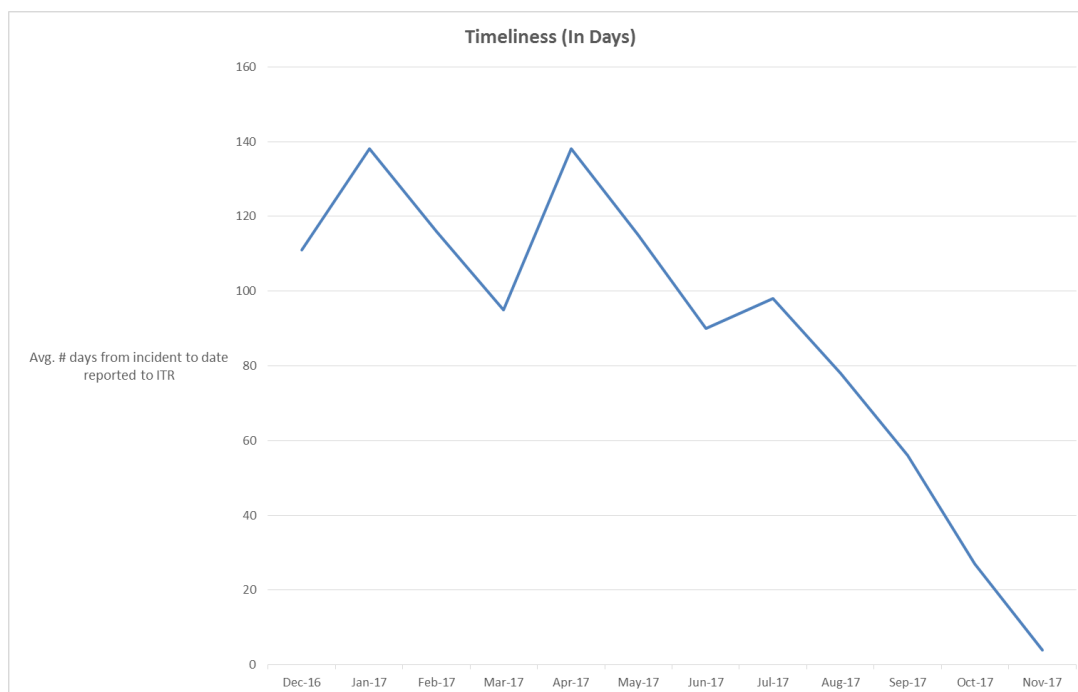
The Hospital Discharge database, also maintained by the ISDH, contains all records of patients cared for in Indiana hospitals. We compared patient records from the ITR with the Hospital Discharge database to know how complete is the ITR's data.



Timeliness

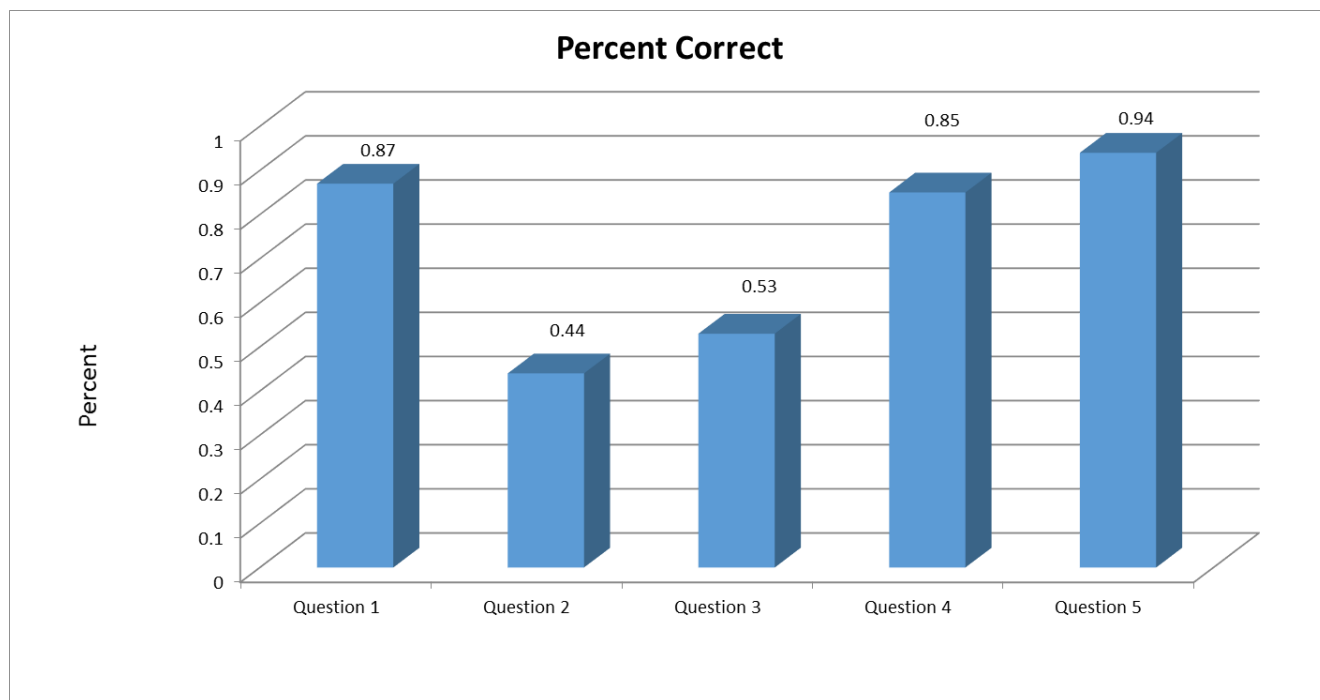
Timeliness increases as facilities wait until the data submission deadline to submit data to the ITR. Hospitals are asked to report data on the national trauma (TQIP) reporting schedule.

The decrease in timeliness from September 2017 until November 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 November we sent out the forty-third monthly quiz for the inter-rater reliability study. The number of registrars, percent of correct answers and free-marginal Kappa could not be calculated. There were 52 participants from 32 hospitals who completed the quiz. The percent correct was 73% and the free-marginal kappa was 0.37. 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

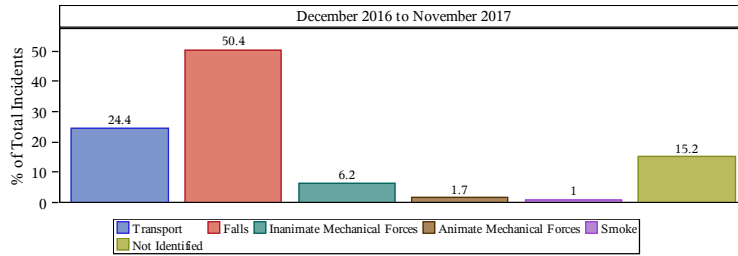
The number of linked EMS to trauma cases was 3,184 for Q1 2017 data. Trauma data is due on a quarterly basis.

Accessibility

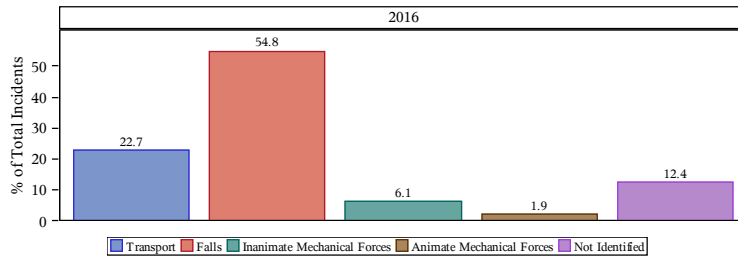
The average time to complete data requests was 6 days for aggregate requests (1 total), 5 days for self-reports (1 total), and 6 days for identifiable reports (1 report).

January 2016 to December 2016 40705 Incidents
December 2016 to November 2017 24758 Incidents
Cause of Injury (COI)

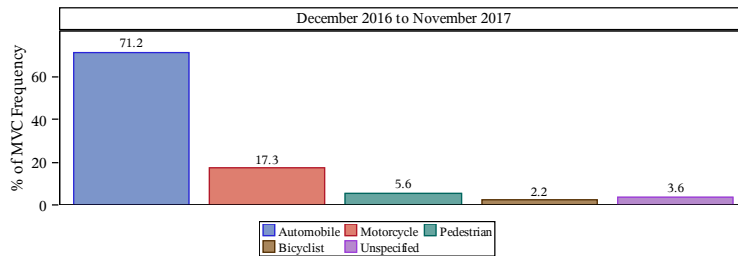
Cause of Injury (COI)



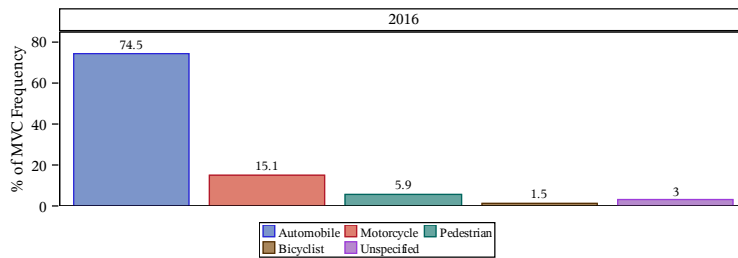
Cause of Injury (COI)



COI-Motor Vehicle Collision (MVC)

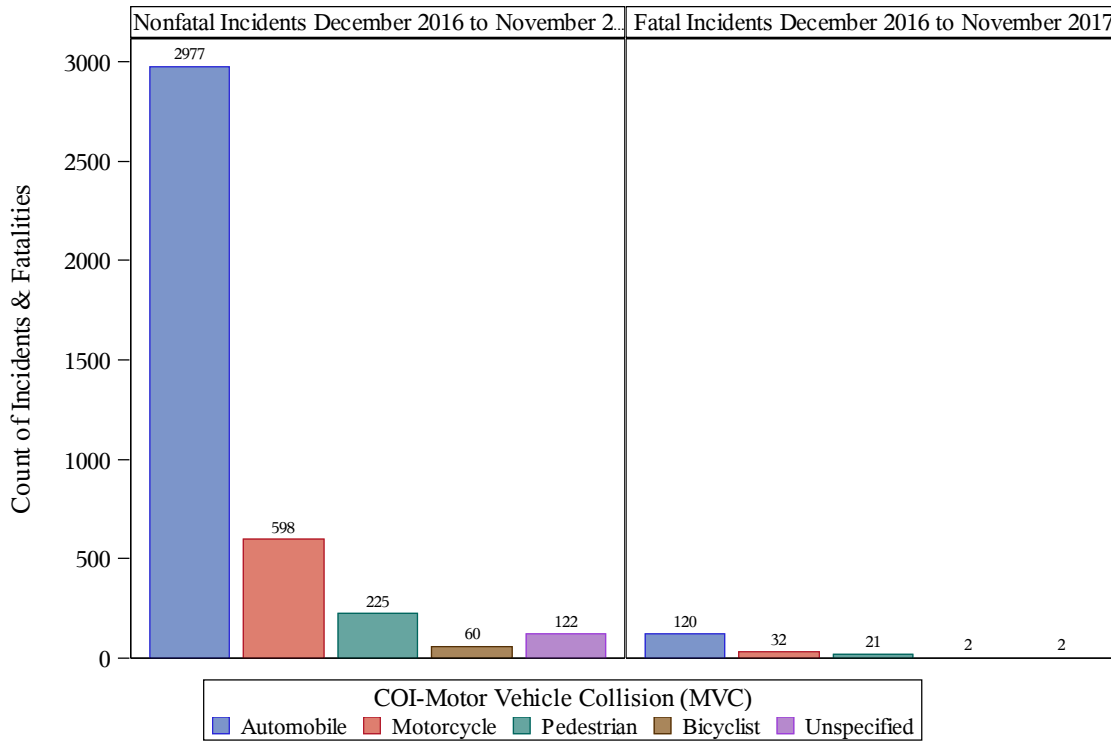
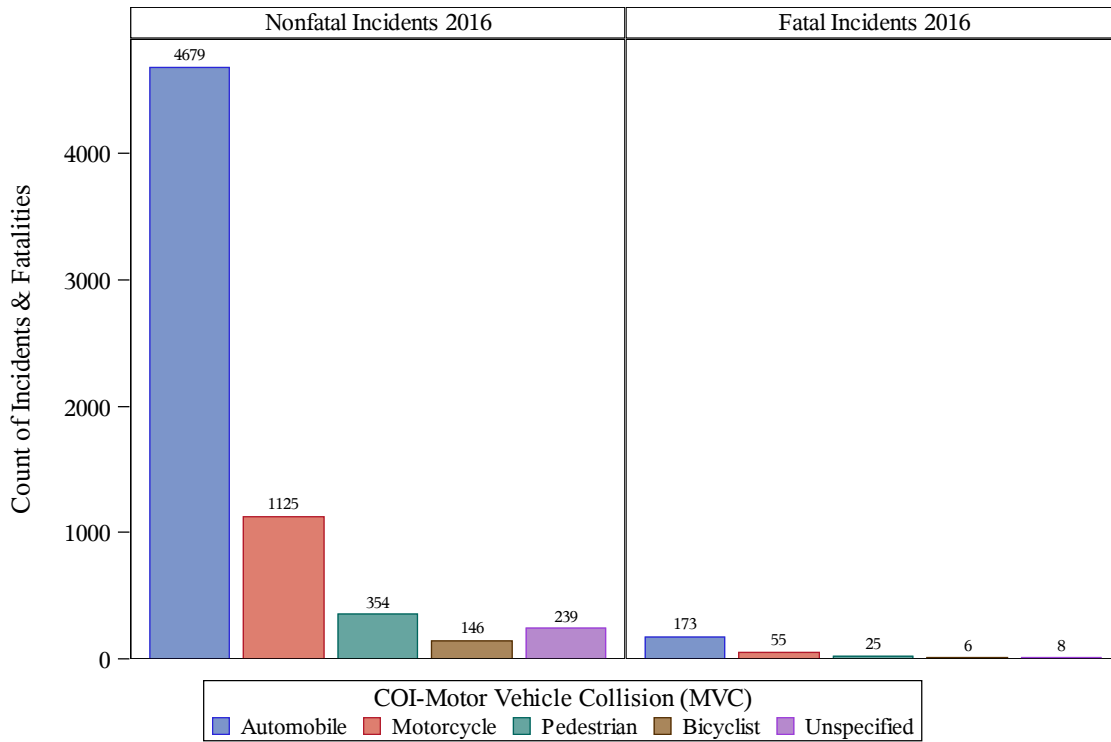


COI-Motor Vehicle Collision (MVC)



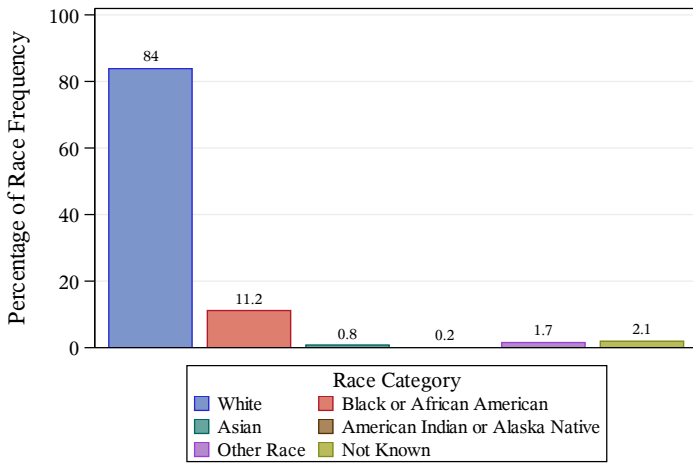
Motor Vehicle Collision

COI-MVC Nonfatal Incidents and Fatal Incidents

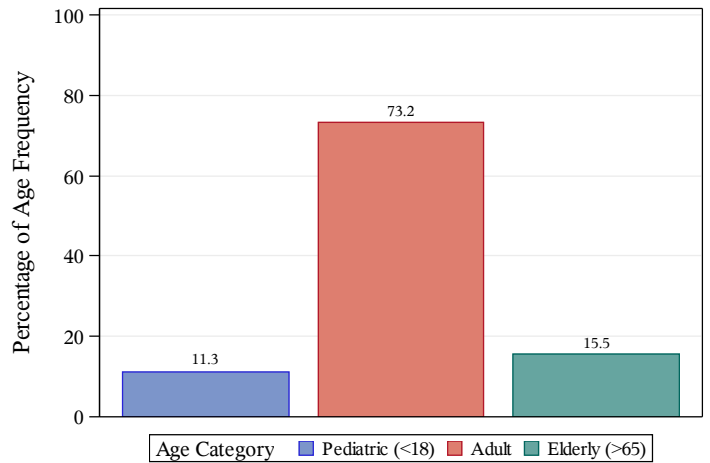


Motor Vehicle Collision

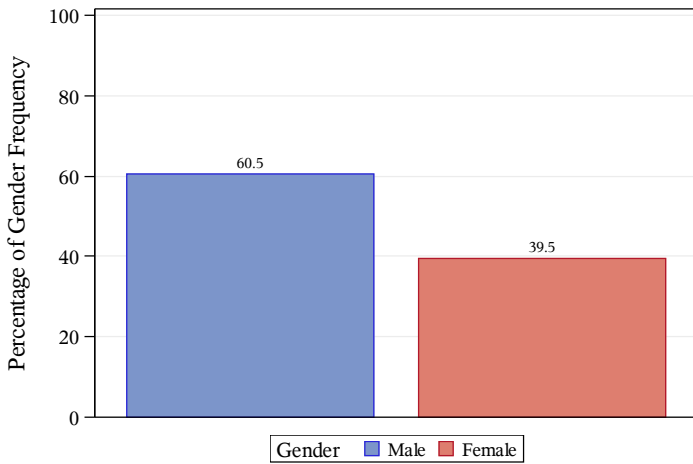
Race



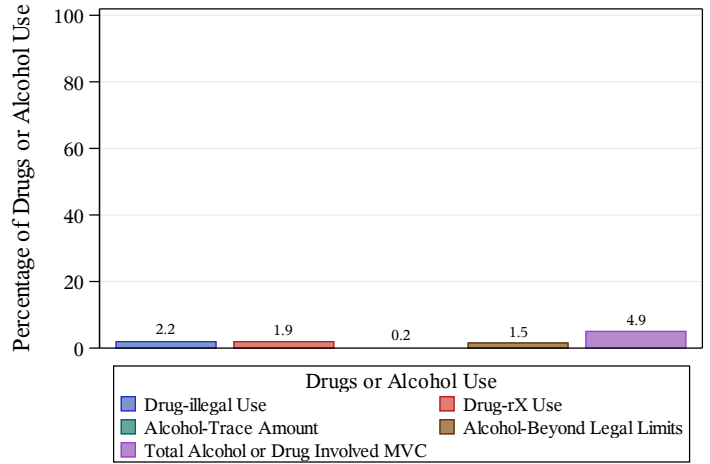
Age



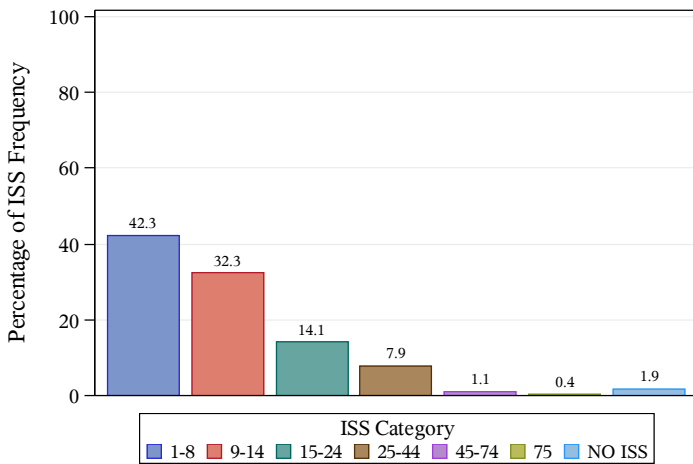
Gender



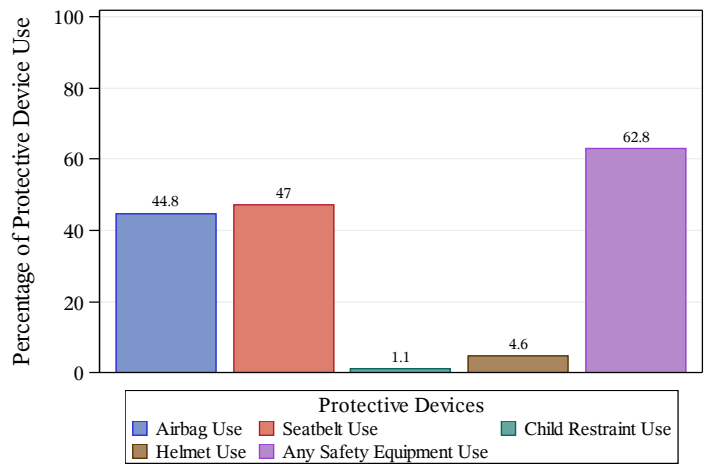
Drug & Alcohol Use



Injury Severity Score



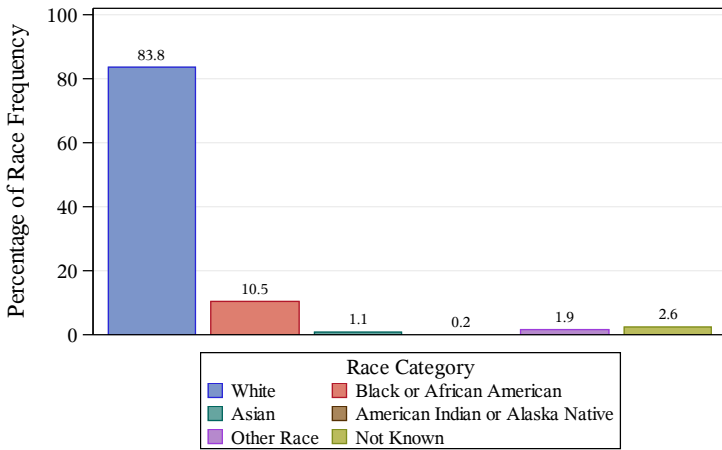
Protective Devices



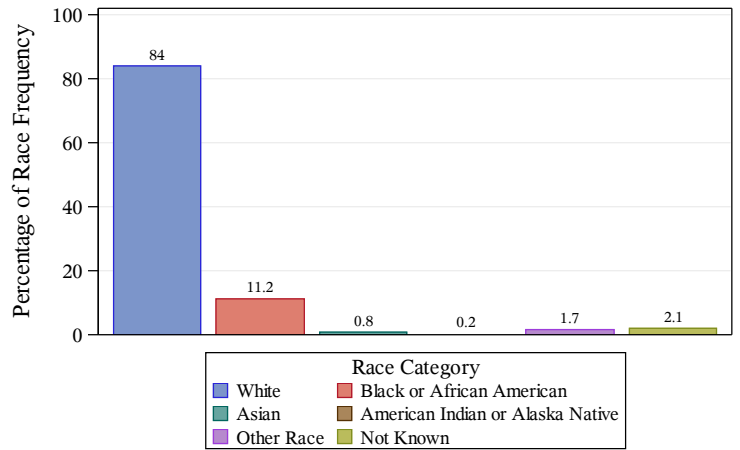
Injury Severity Score (ISS) is a measure of how bad the injury is. Scores over 15 are considered major trauma. A score of 75 is considered not survivable.

Race- Motor Vehicle Collision

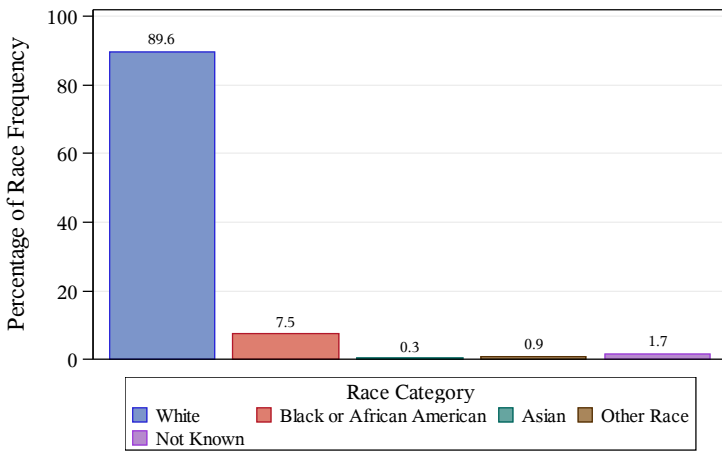
2016



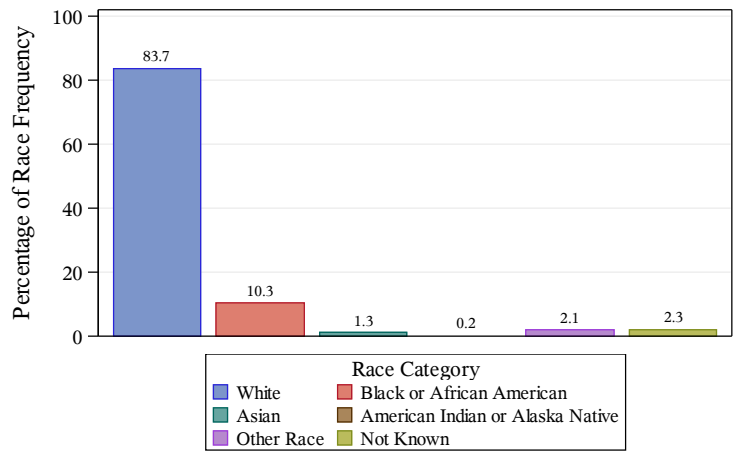
December 2016 to November 2017



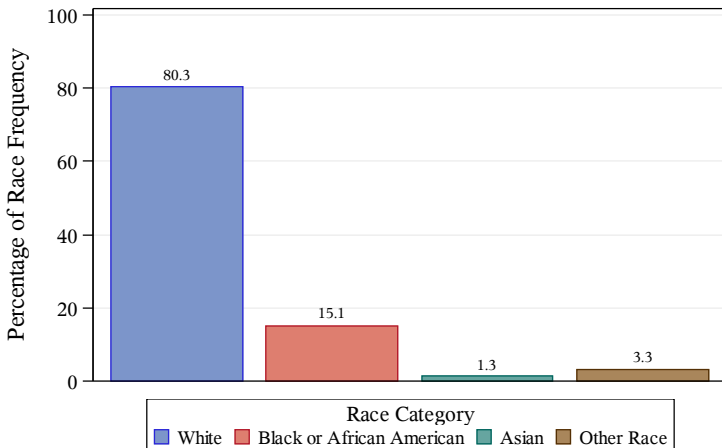
Motorcycle
December 2016 to November 2017



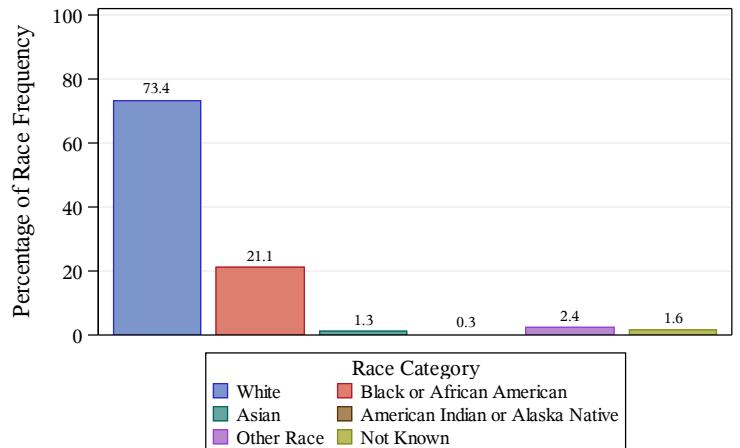
Automobile
December 2016 to November 2017



Bicyclist
December 2016 to November 2017

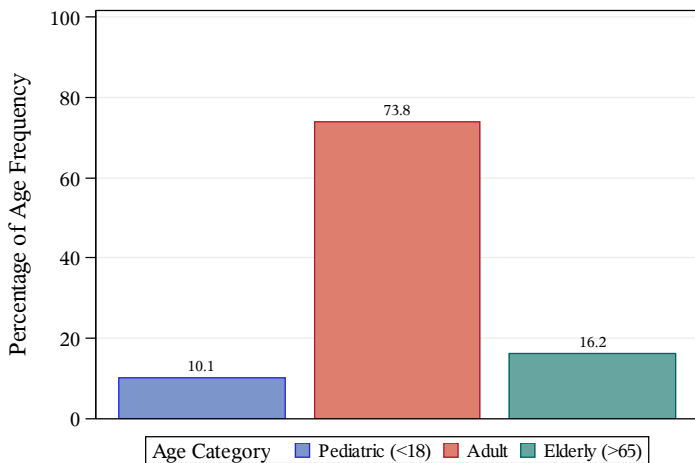


Pedestrian
December 2016 to November 2017

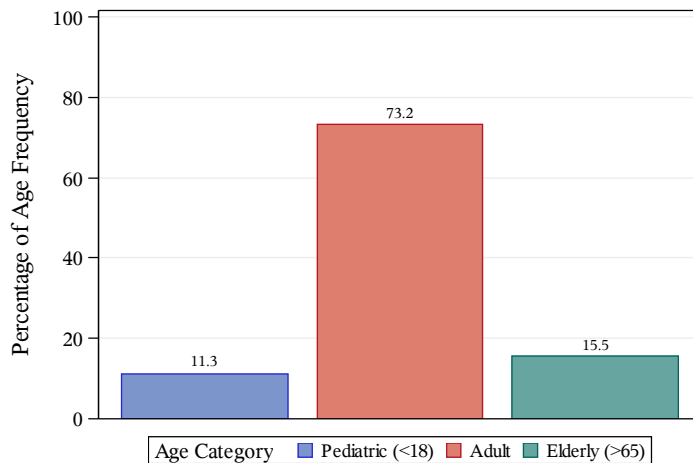


Age- Motor Vehicle Collision

2016

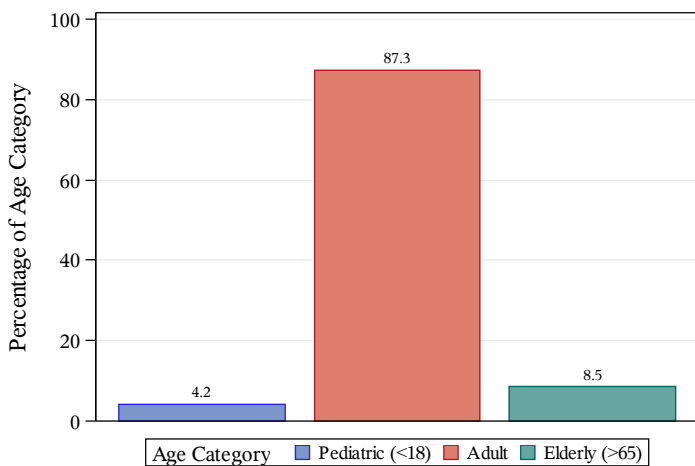


December 2016 to November 2017



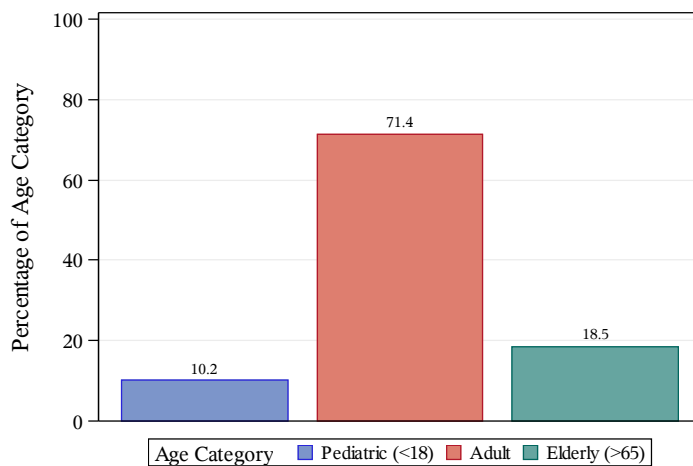
Motorcycle

December 2016 to November 2017



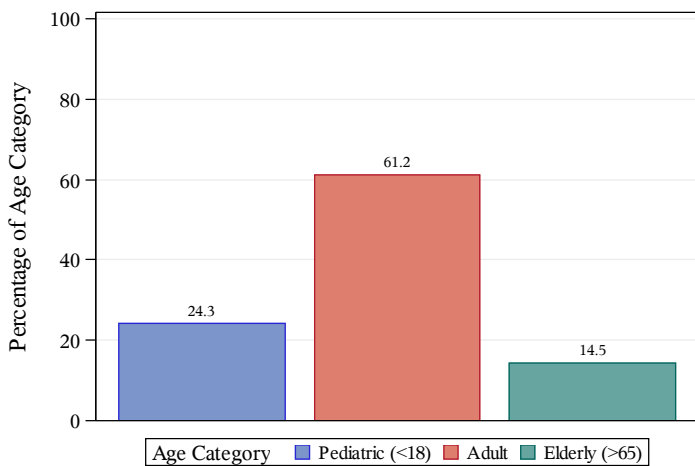
Automobile

December 2016 to November 2017



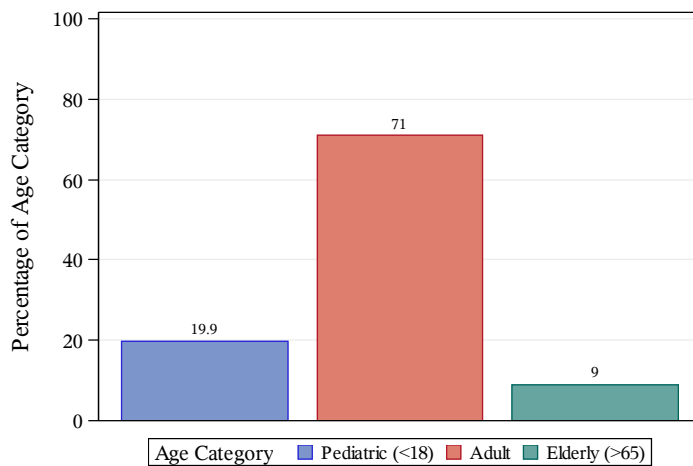
Bicyclist

December 2016 to November 2017



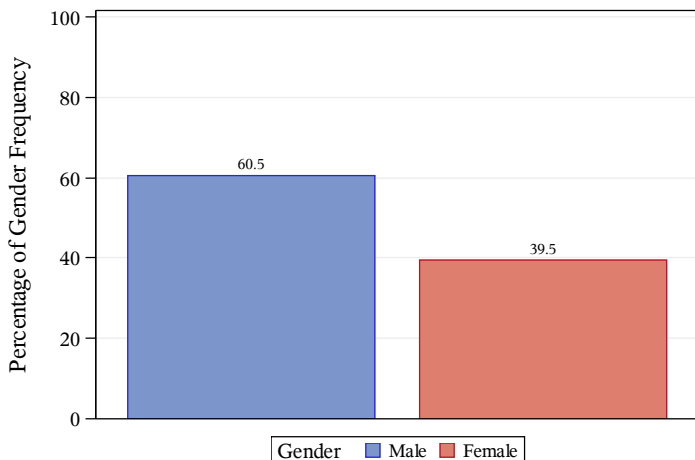
Pedestrian

December 2016 to November 2017

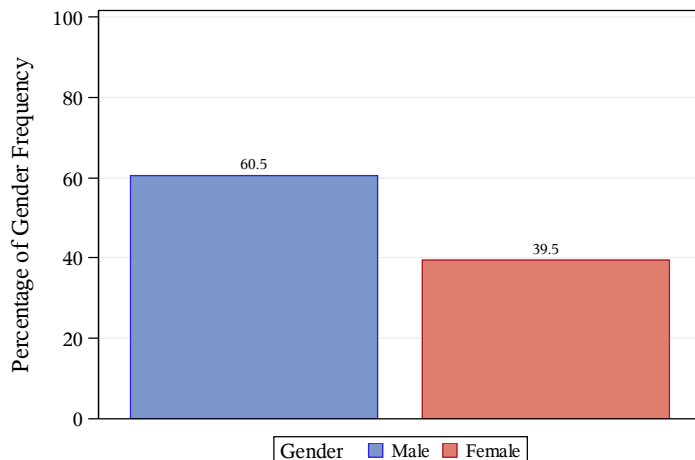


Gender- Motor Vehicle Collision

2016

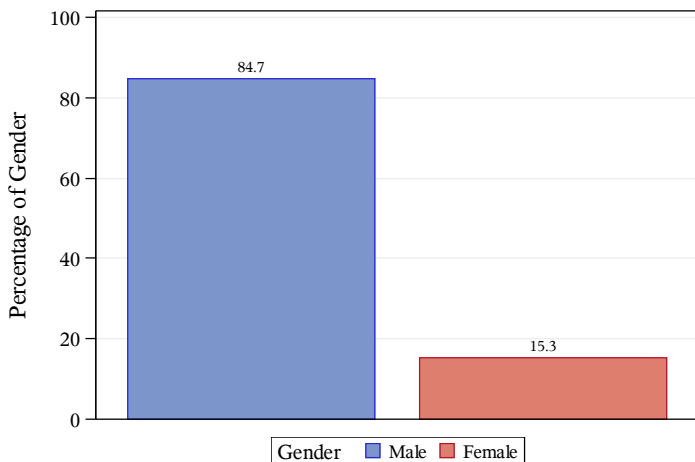


December 2016 to November 2017



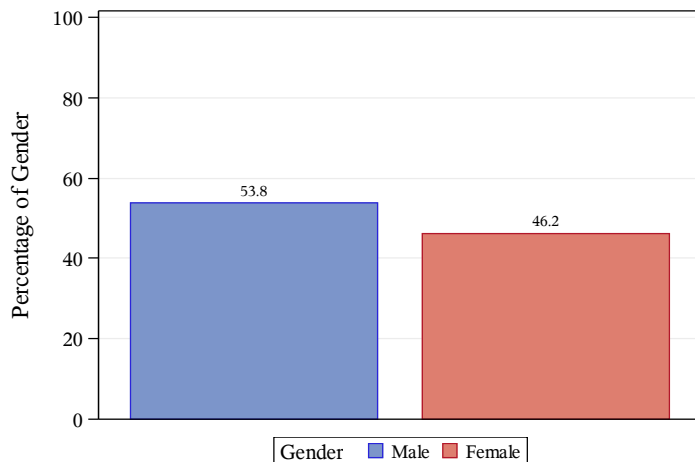
Motorcycle

December 2016 to November 2017



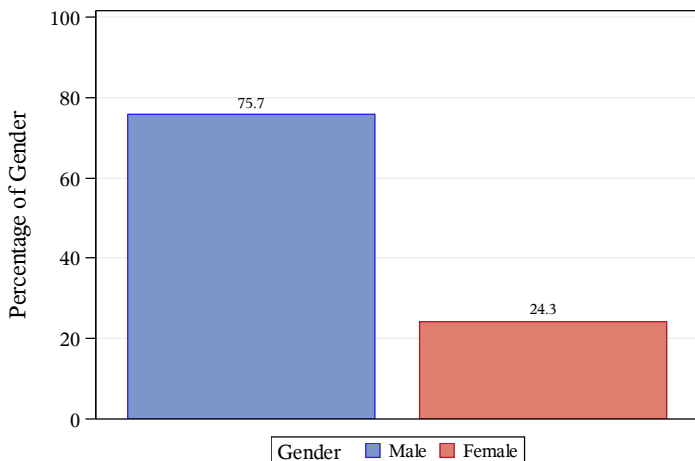
Automobile

December 2016 to November 2017



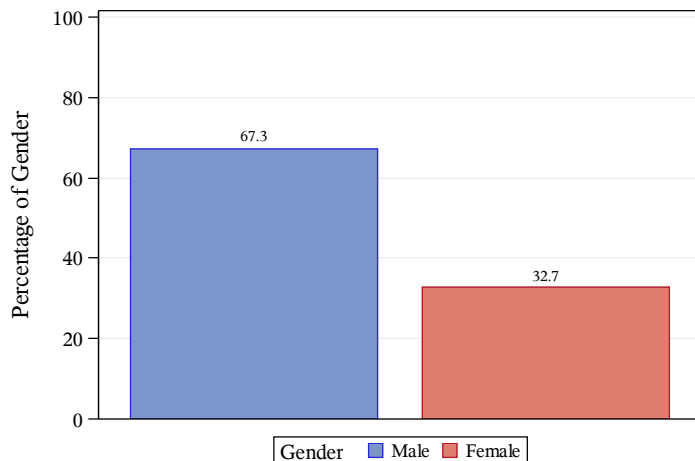
Bicyclist

December 2016 to November 2017



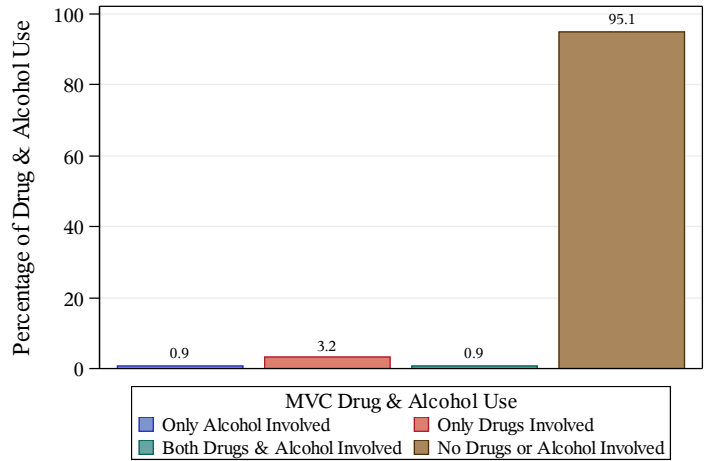
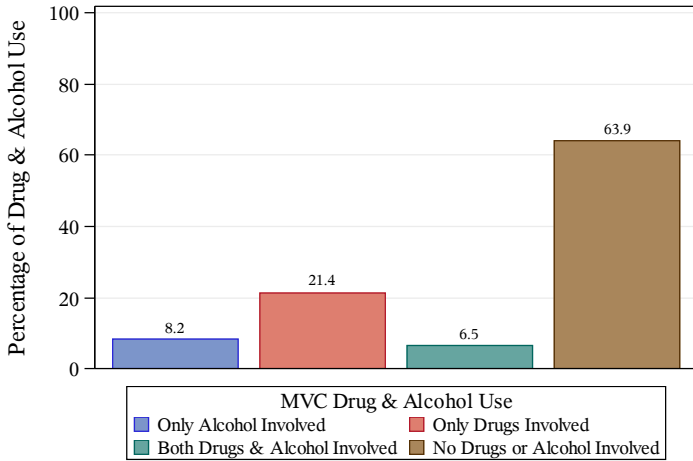
Pedestrian

December 2016 to November 2017

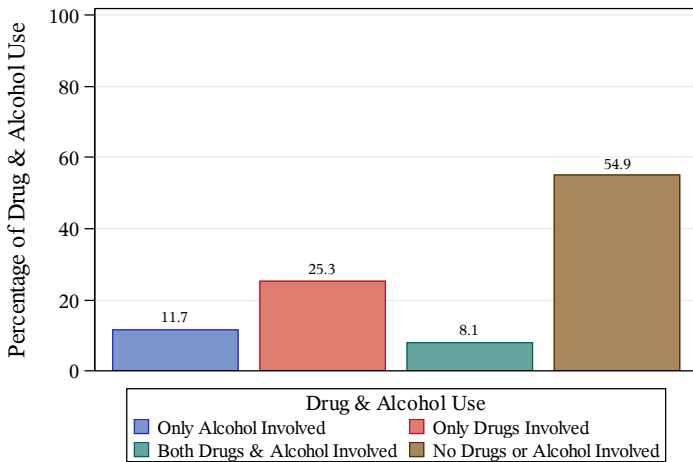


2016

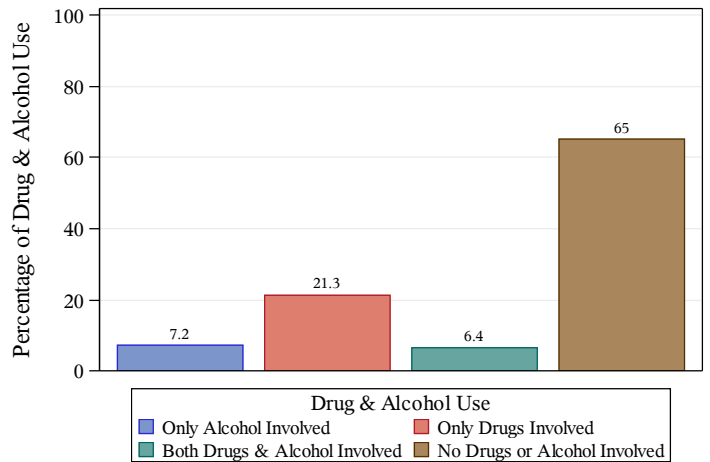
December 2016 to November 2017



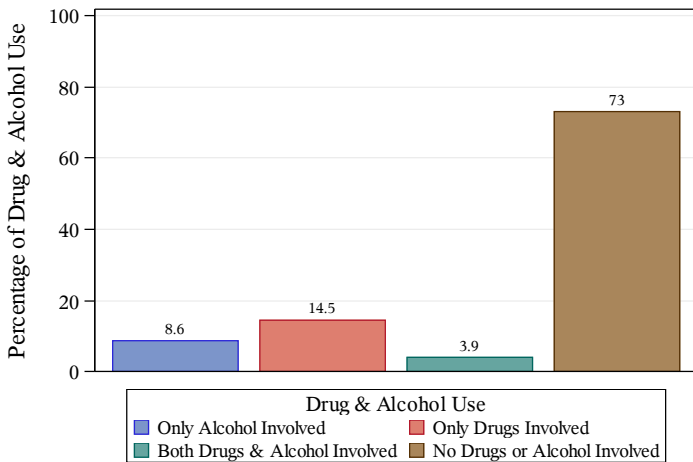
Motorcycle
 December 2016 to November 2017



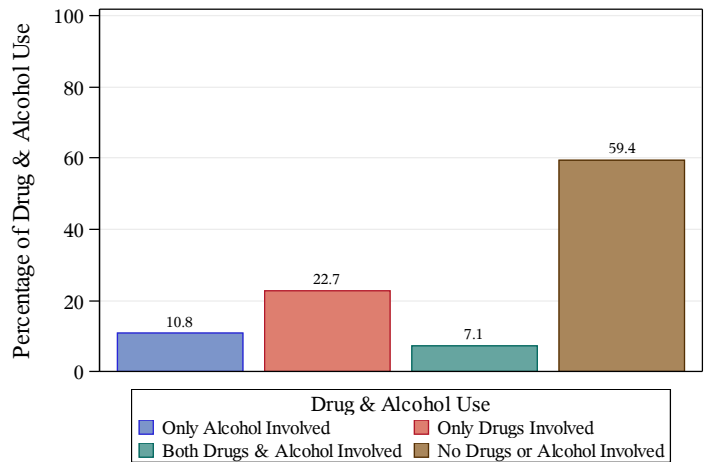
Automobile
 December 2016 to November 2017



Bicyclist
 December 2016 to November 2017

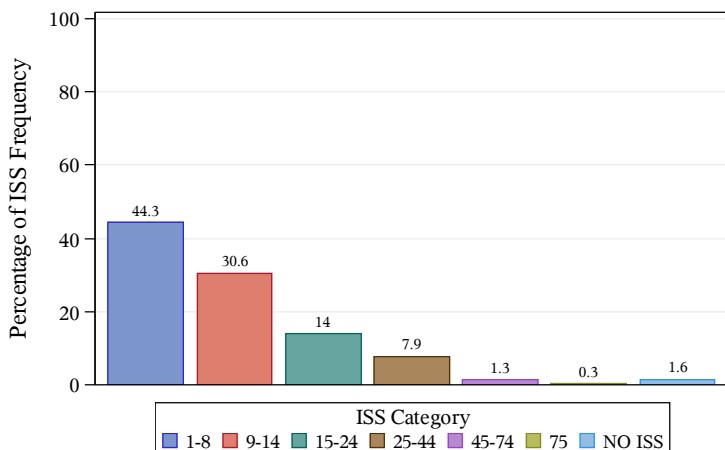


Pedestrian
 December 2016 to November 2017

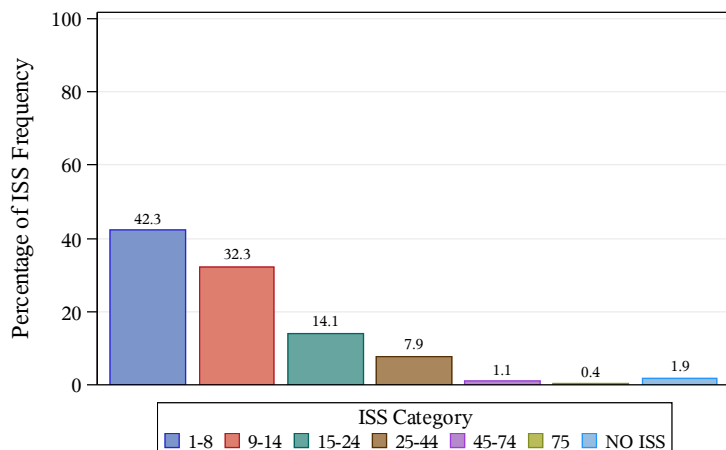


Injury Severity Score- Motor Vehicle Collision

2016

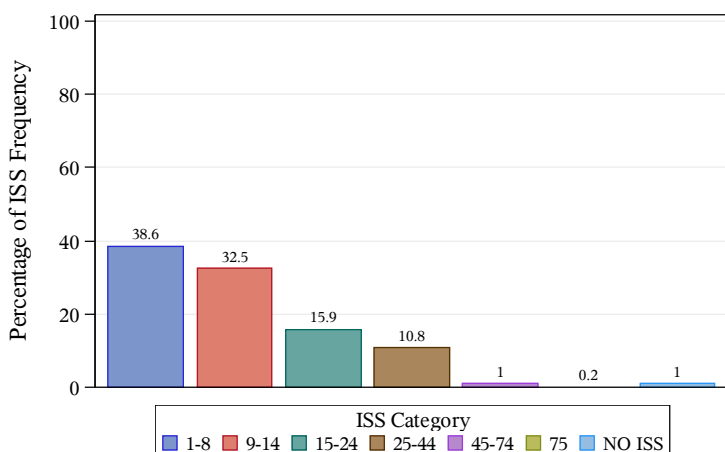


December 2016 to November 2017



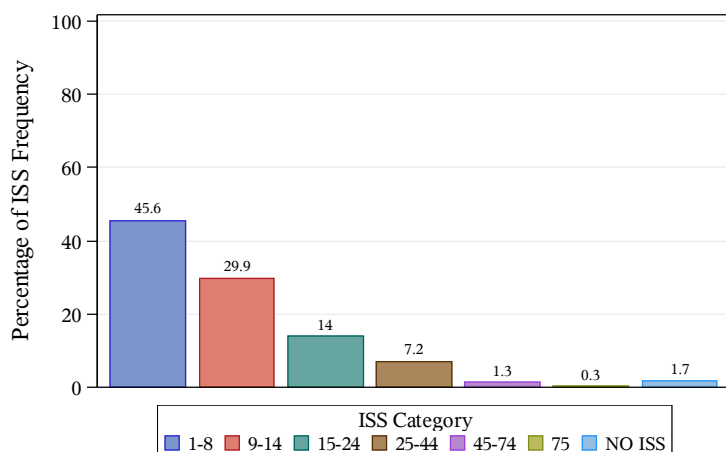
Motorcycle

December 2016 to November 2017



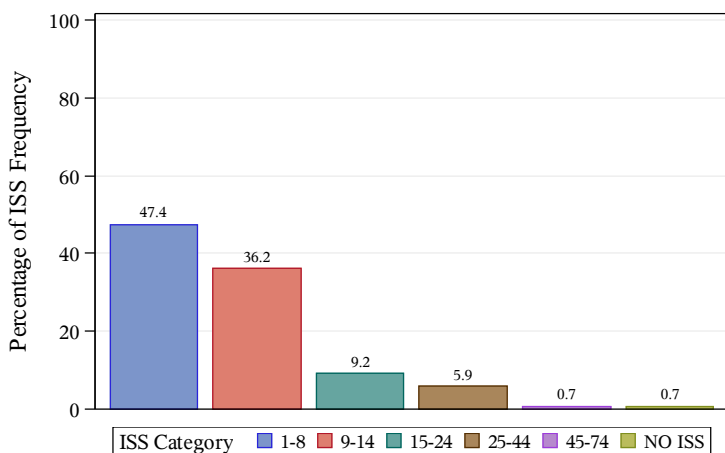
Automobile

December 2016 to November 2017



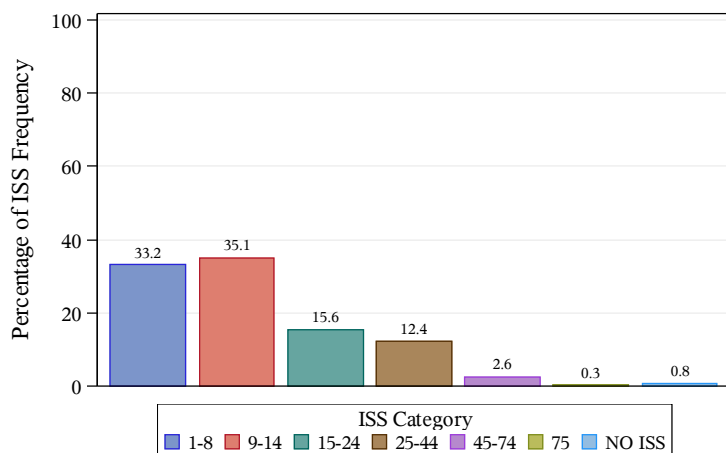
Bicyclist

December 2016 to November 2017



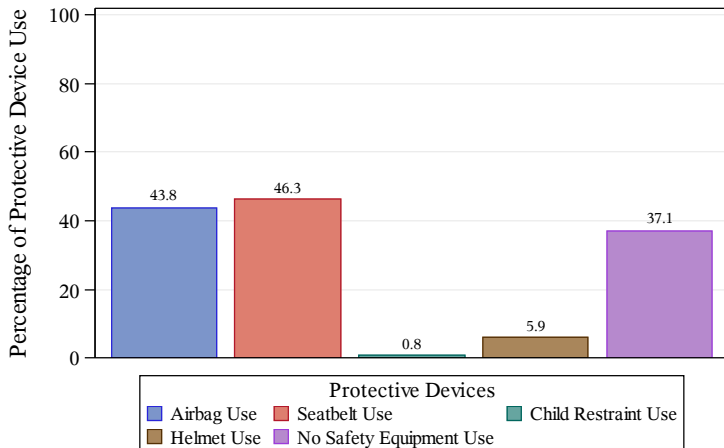
Pedestrian

December 2016 to November 2017

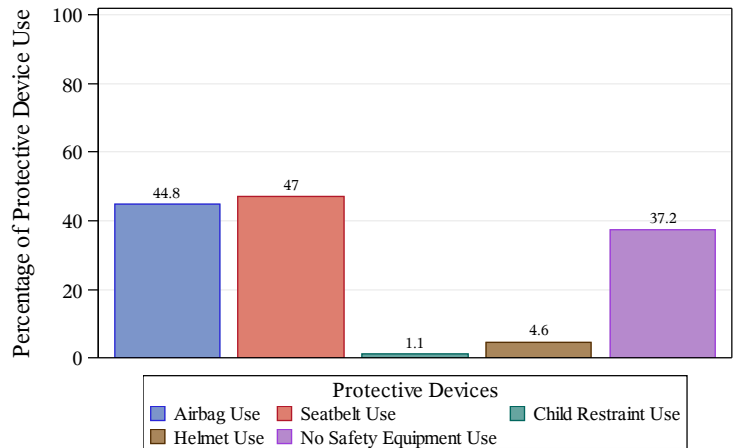


Protective Devices- Motor Vehicle Collision

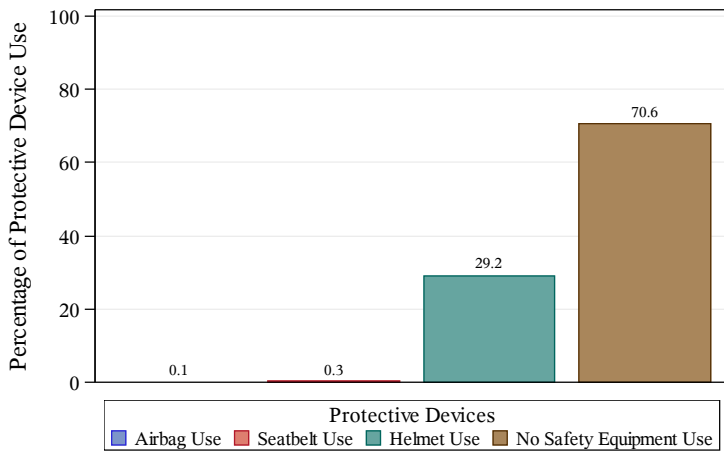
2016



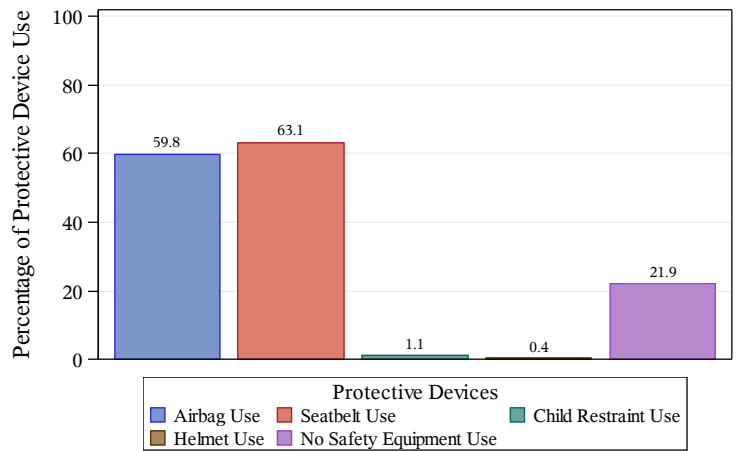
December 2016 to November 2017



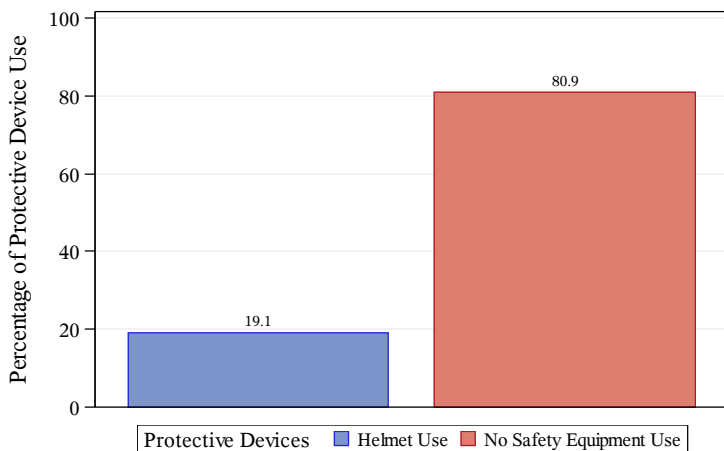
Motorcycle
December 2016 to November 2017



Automobile
December 2016 to November 2017



Bicyclist
December 2016 to November 2017



Pedestrian
December 2016 to November 2017

