

\*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 October 4th, Ramzi Nimry (Statewide Trauma System Development and Training Manager) trained the Franklin County coroner on the Indiana Coroner Case Management System.

On October 5th, Ramzi Nimry (Statewide Trauma System Development and Training Manager) trained the Howard County coroner on the Indiana Coroner Case Management System.

On October 10th, Ramzi Nimry (Statewide Trauma System Development and Training Manager) and Katie Hokanson (Director) attended the Designation Subcommittee meeting.

On October 11th-13th, Ramzi Nimry (Statewide Trauma System Development and Training Manager) attended the Kentucky Statewide Trauma and Emergency Medicine Symposium in Louisville, KY.

On October 18th, Camry Hess (Data Analyst) and Ramzi Nimry (Statewide Trauma System Development and Training Manager) attended the TRCC meeting.

On October 20th, Camry Hess (Data Analyst), Katie Hokanson (Director) and Ramzi Nimry (Statewide Trauma System Development and Training Manager) attended the Indiana State Trauma Care Committee (ISTCC) and Indiana Trauma Network (ITN) meetings in Rice Auditorium.

On October 25th, Ramzi Nimry (Statewide Trauma System Development and Training Manager) attended the Pediatric Emergency Care Coordinator (PECC) Advisory Board meeting.

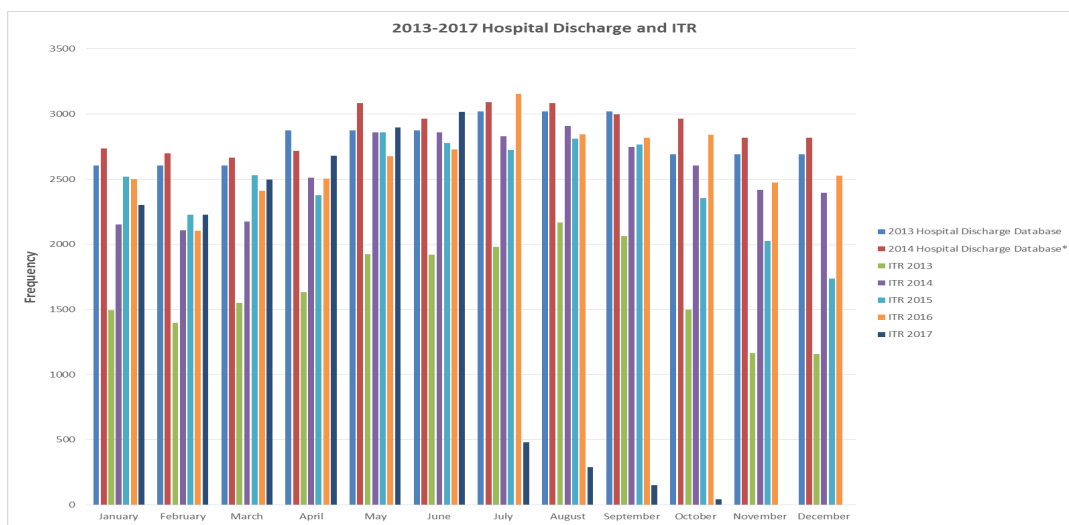
On October 26th, Ramzi Nimry (Statewide Trauma System Development and Training Manager) and Pravy Nijjar (Registry Coordinator) attended District 10's Trauma Regional Advisory Council (TRAC) at St. Vincent Evansville.

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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

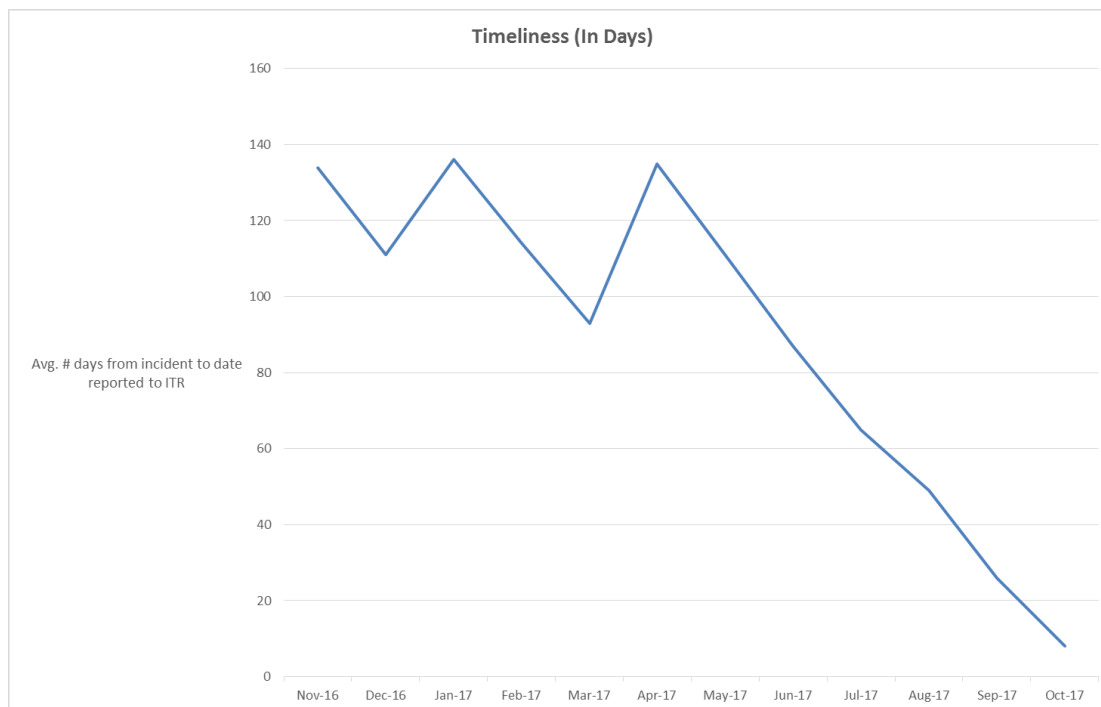
The Hospital Discharge database, also maintained by the ISDH, contains all records of patients cared for in Indiana hospitals. We compared patient records from the ITR with the Hospital Discharge database to know how complete is the ITR's data.



## 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 August 2017 until October 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 October we sent out the forty-second monthly quiz for the inter-rater reliability study. The number of registrars, percent of correct answers and free-marginal Kappa could not be calculated. The quiz was not set up properly and the registrars' answers were not recorded. 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**

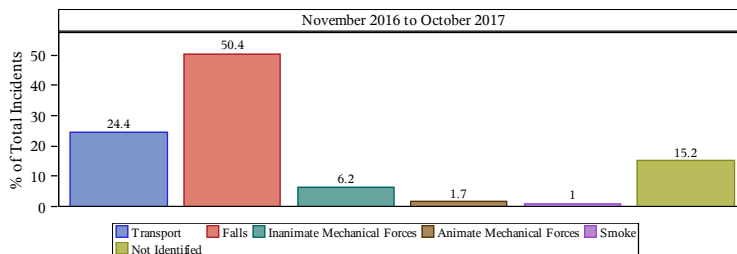
The number of linked EMS to trauma cases was 3,184 for Q1 2017 data. Trauma data is due on a quarterly basis.

### **Accessibility**

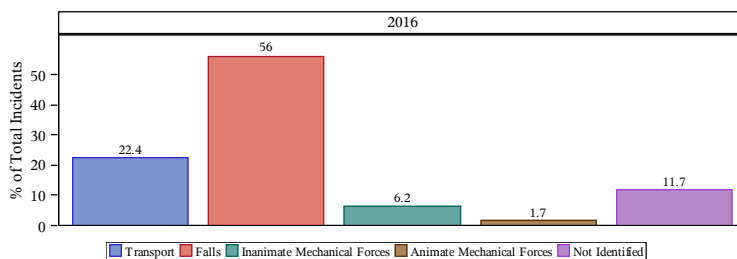
The average time to complete data requests was 6.5 day for aggregate requests (7 total). There were no identifiable or self-reports reports for October.

**Cause of Injury (COI)**

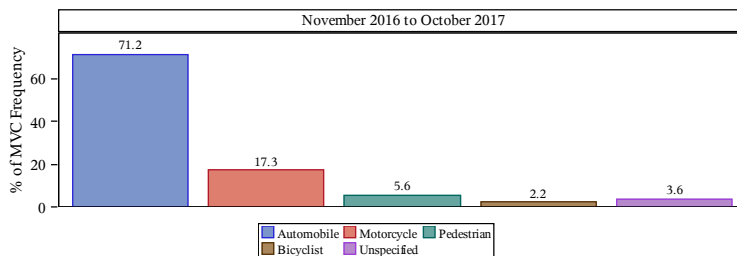
Cause of Injury (COI)



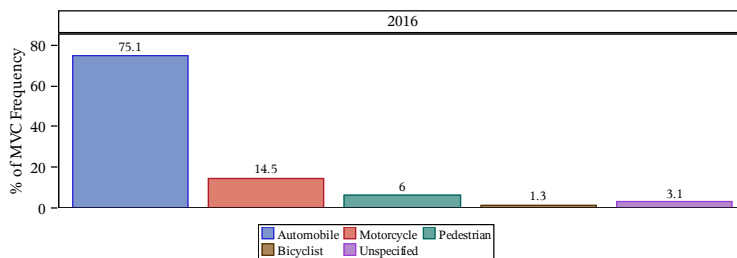
Cause of Injury (COI)



**COI-Motor Vehicle Collision (MVC)**

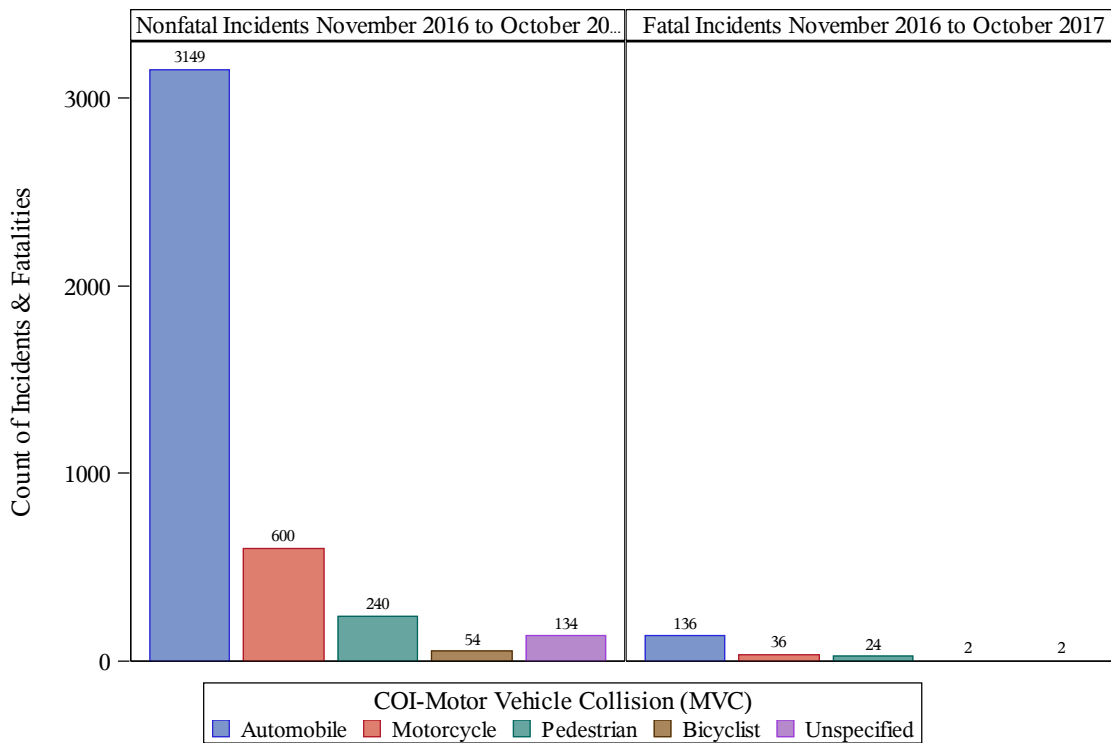
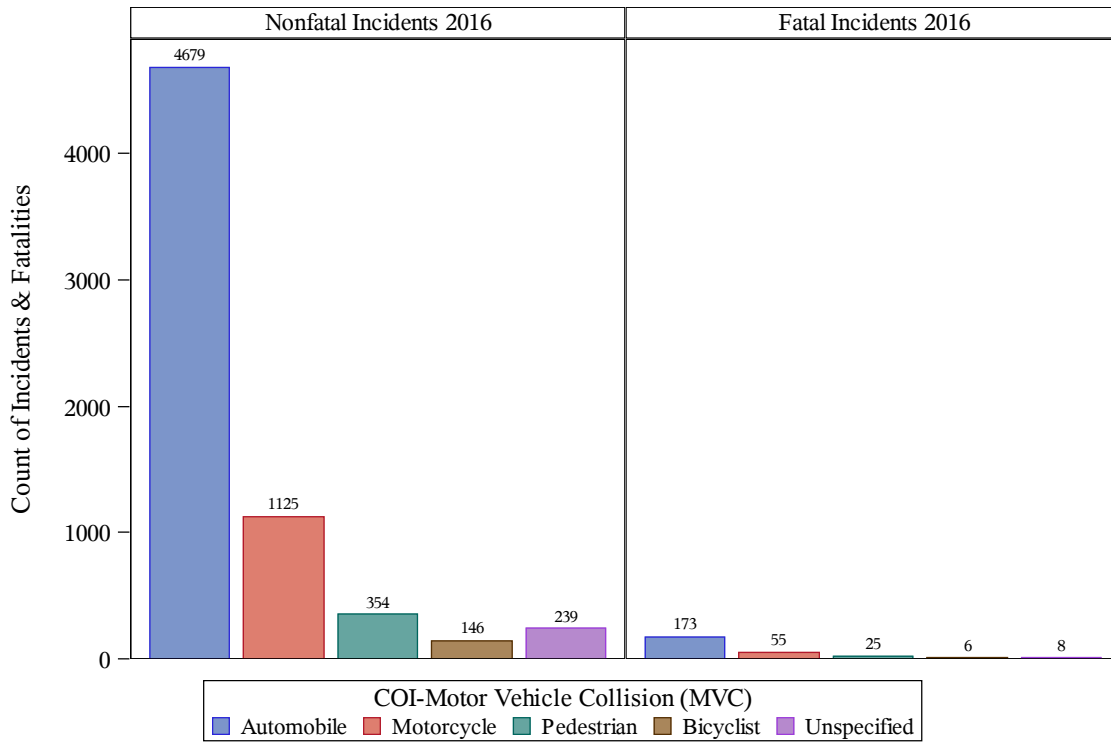


**COI-Motor Vehicle Collision (MVC)**



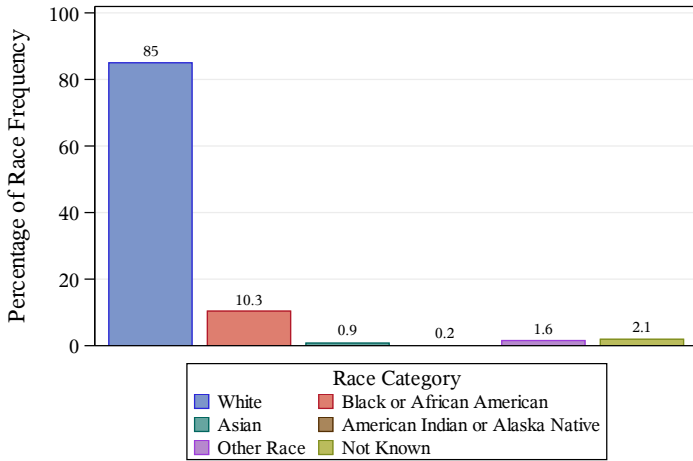
**Motor Vehicle Collision**

**COI-MVC Nonfatal Incidents and Fatal Incidents**

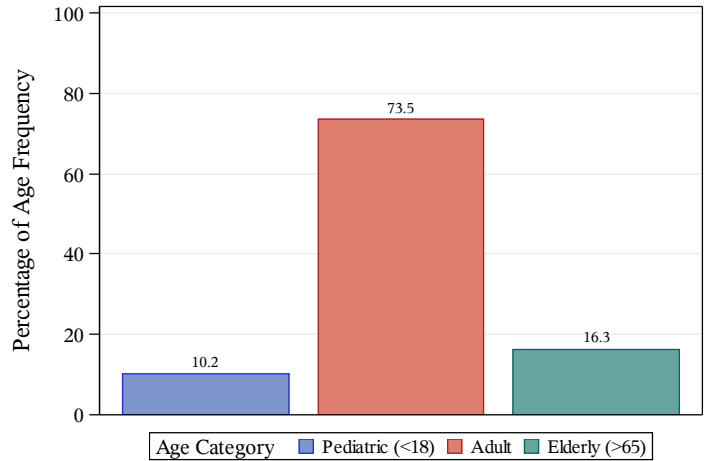


Motor Vehicle Collision

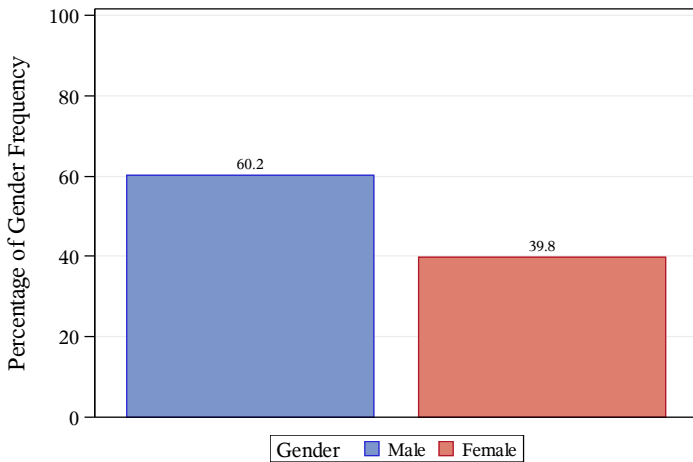
Race



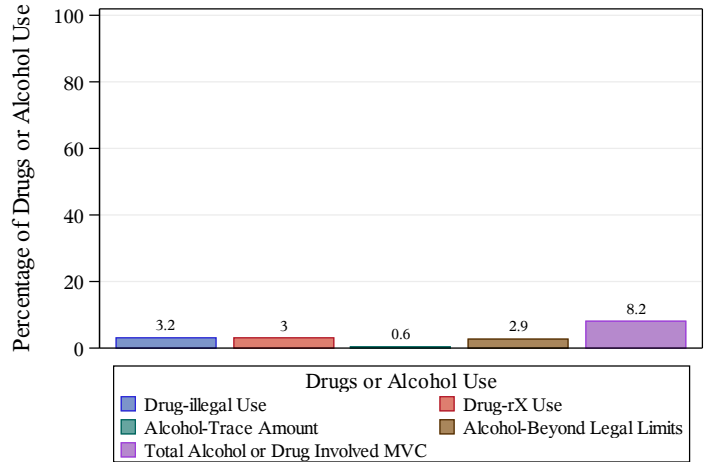
Age



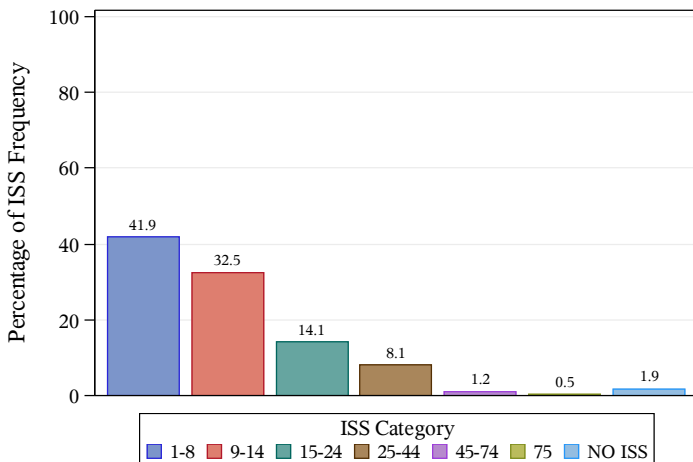
Gender



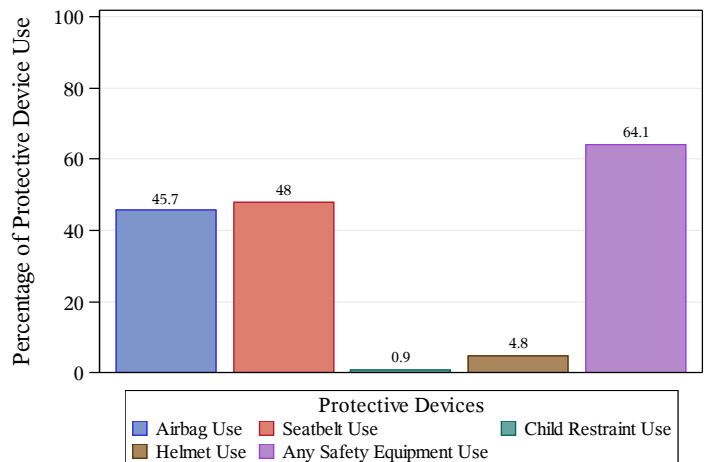
Drug & Alcohol Use



Injury Severity Score



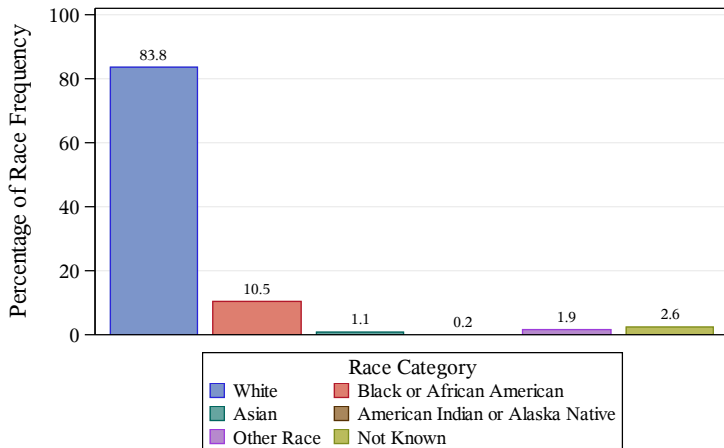
Protective Devices



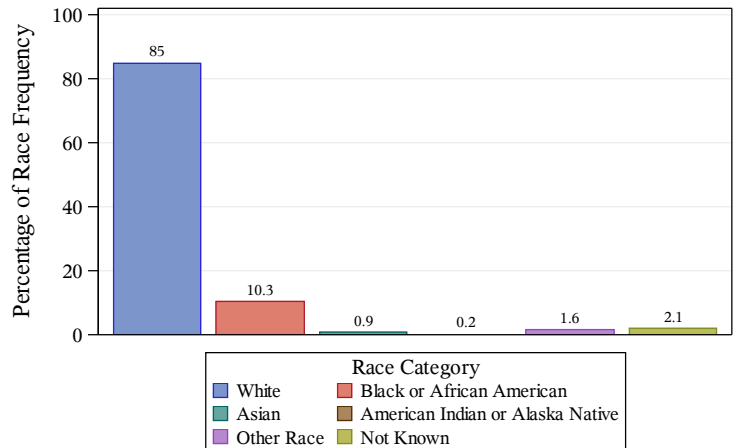
Injury Severity Score (ISS) is a measure of how bad the injury is. Scores over 15 are considered major trauma. A score of 75 is considered not survivable.

Race- Motor Vehicle Collision

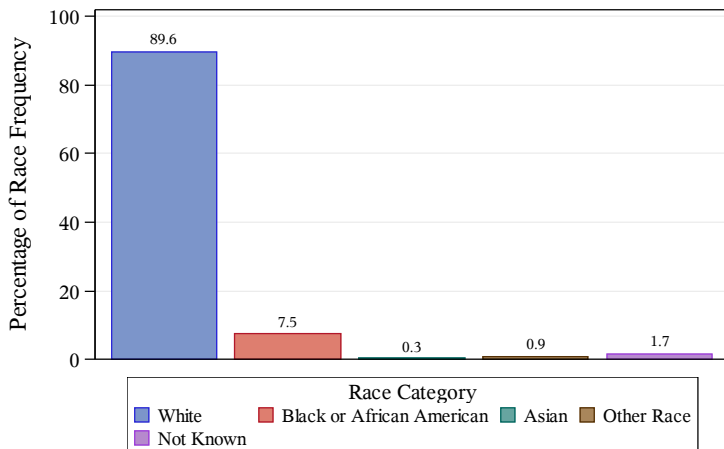
2016



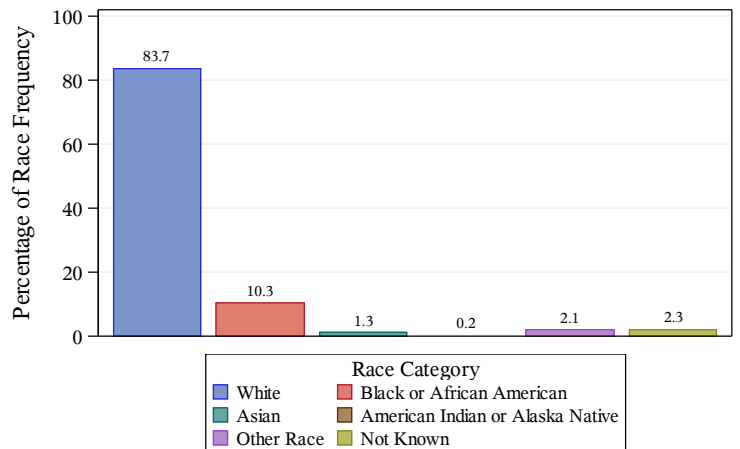
November 2016 to October 2017



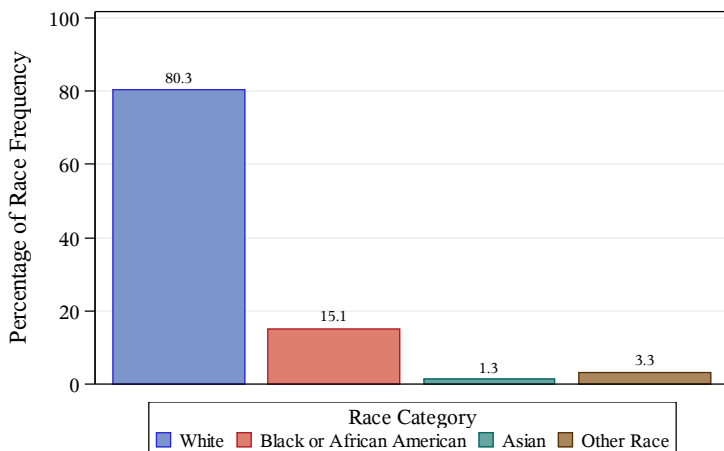
Motorcycle  
November 2016 to October 2017



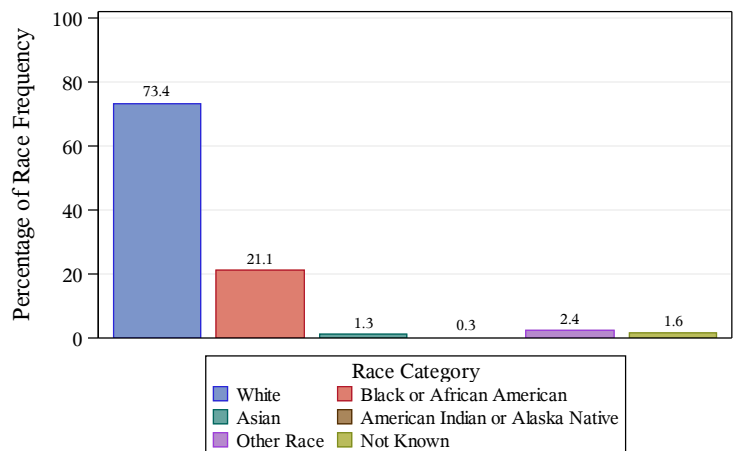
Automobile  
November 2016 to October 2017



Bicyclist  
November 2016 to October 2017

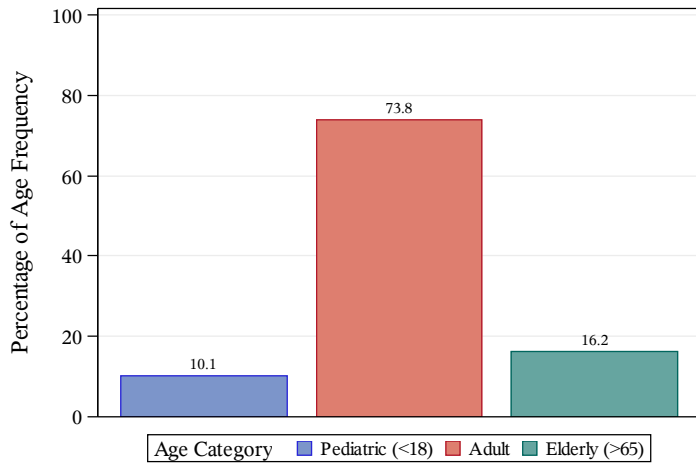


Pedestrian  
November 2016 to October 2017

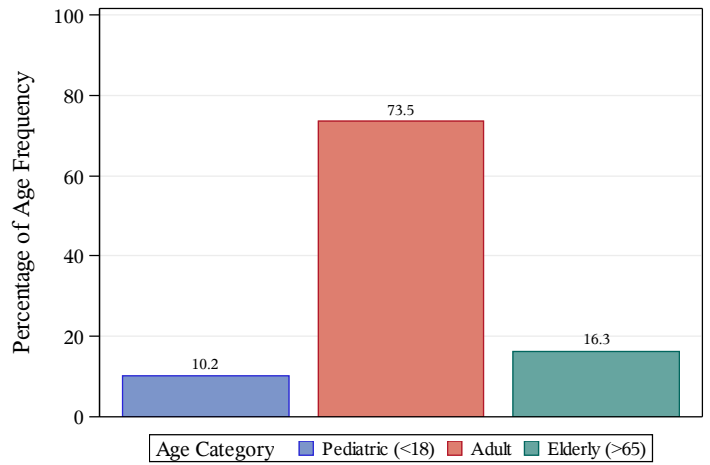


Age- Motor Vehicle Collision

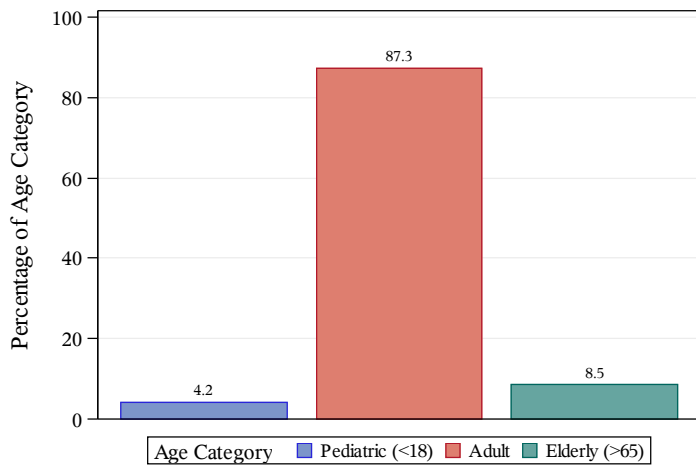
2016



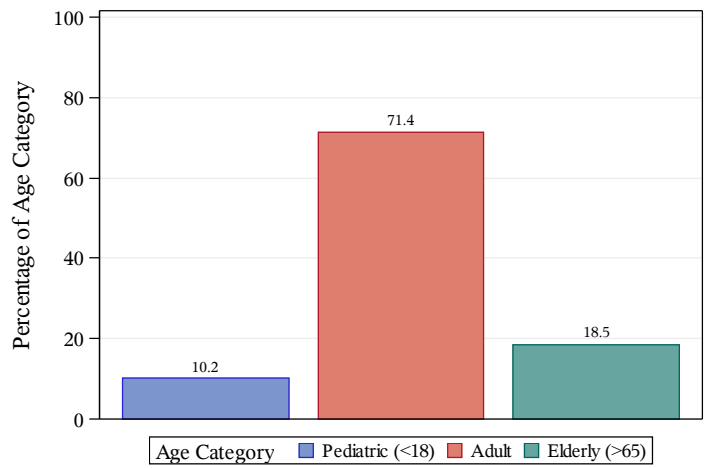
November 2016 to October 2017



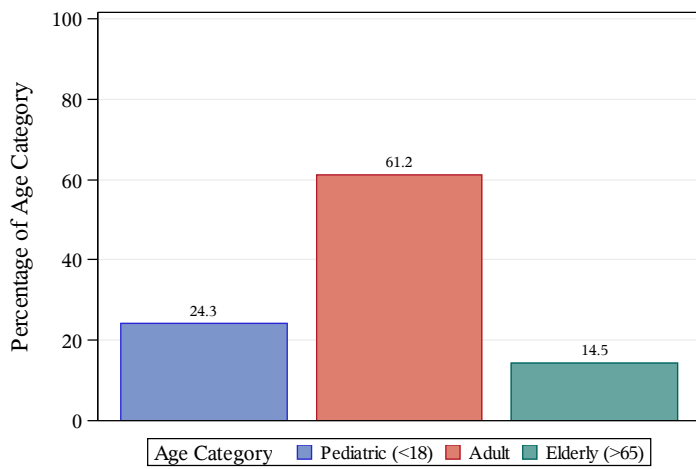
**Motorcycle**  
November 2016 to October 2017



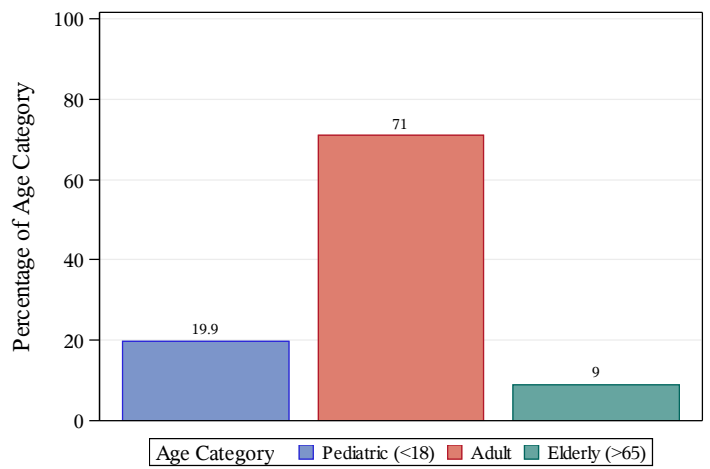
**Automobile**  
November 2016 to October 2017



**Bicyclist**  
November 2016 to October 2017



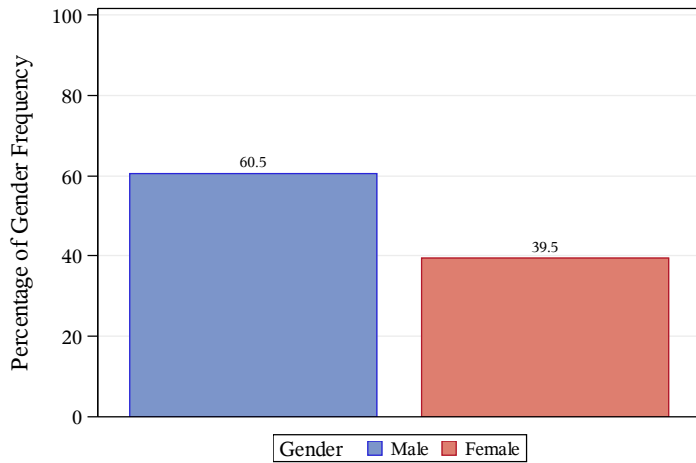
**Pedestrian**  
November 2016 to October 2017



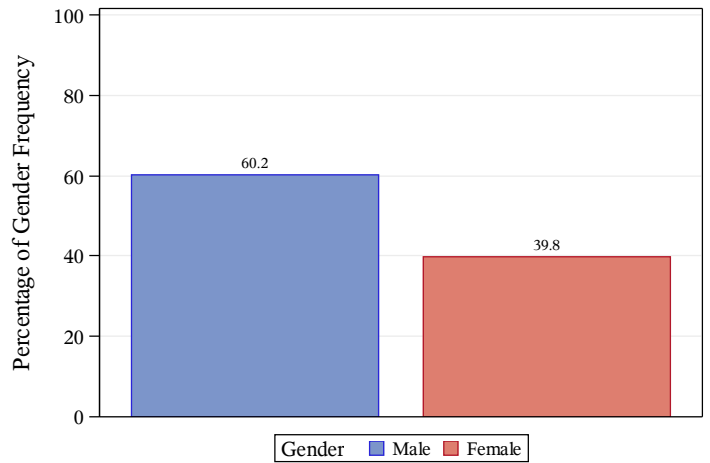


Gender- Motor Vehicle Collision

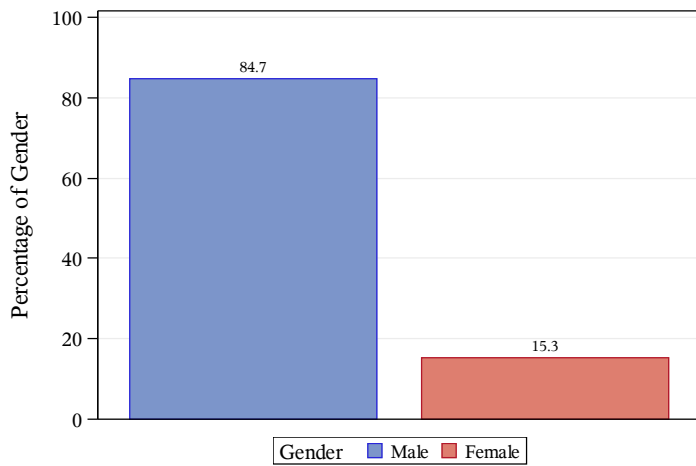
2016



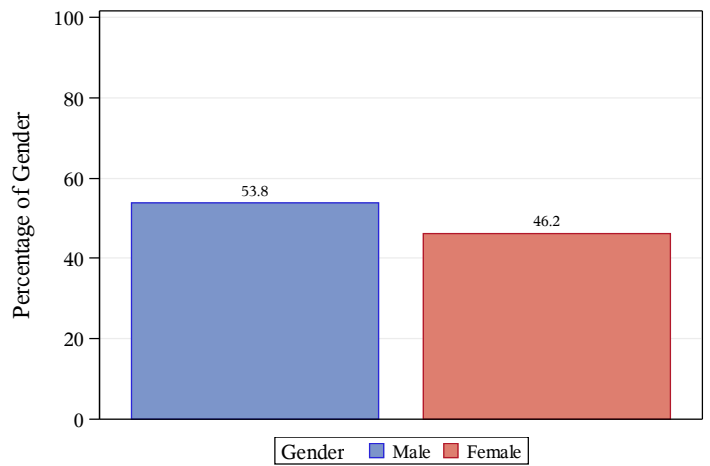
November 2016 to October 2017



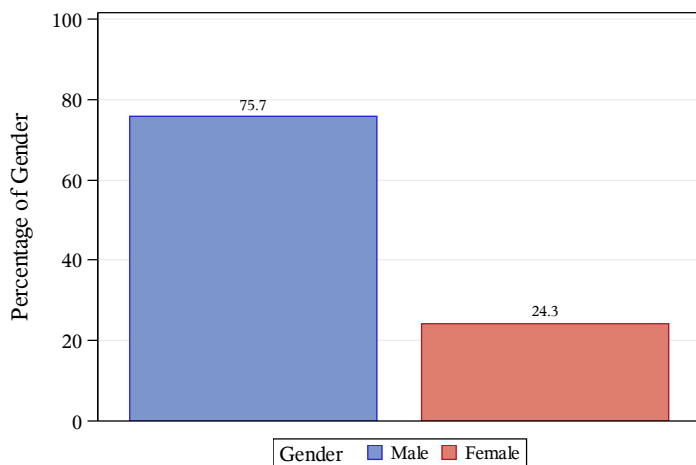
Motorcycle  
November 2016 to October 2017



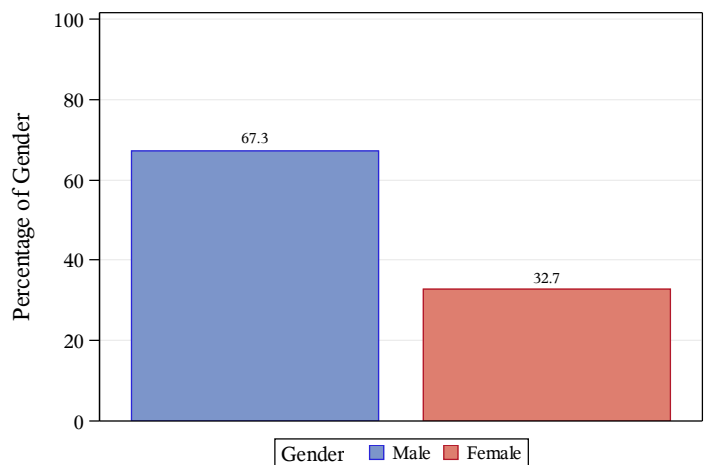
Automobile  
November 2016 to October 2017



Bicyclist  
November 2016 to October 2017



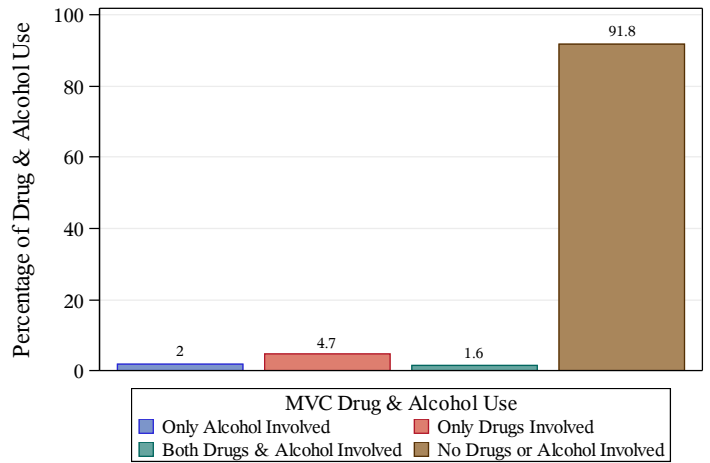
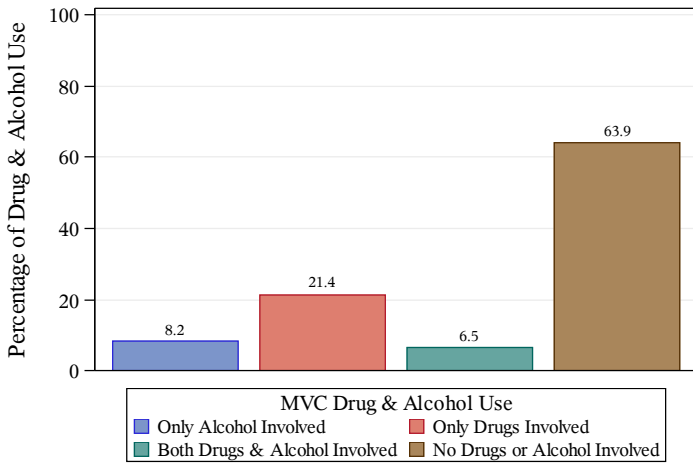
Pedestrian  
November 2016 to October 2017



Drug & Alcohol Use- Motor Vehicle Collision

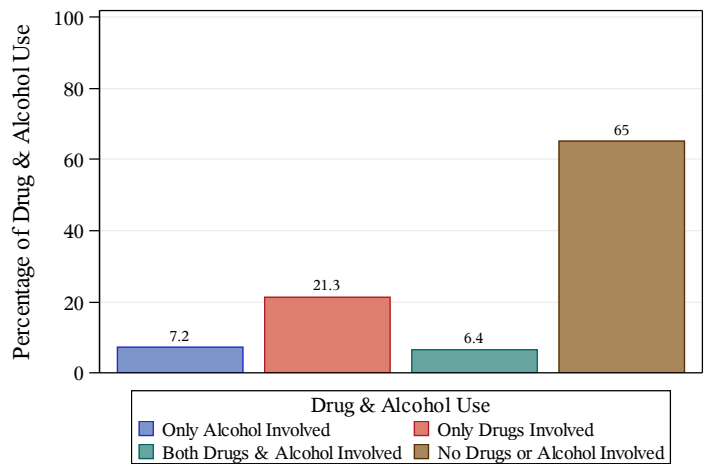
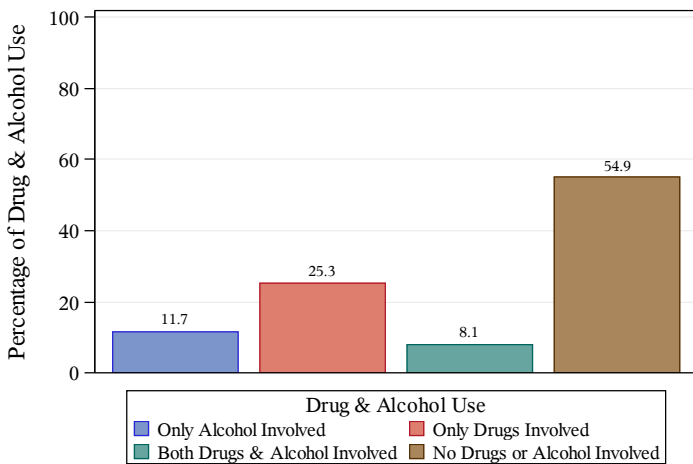
2016

November 2016 to October 2017



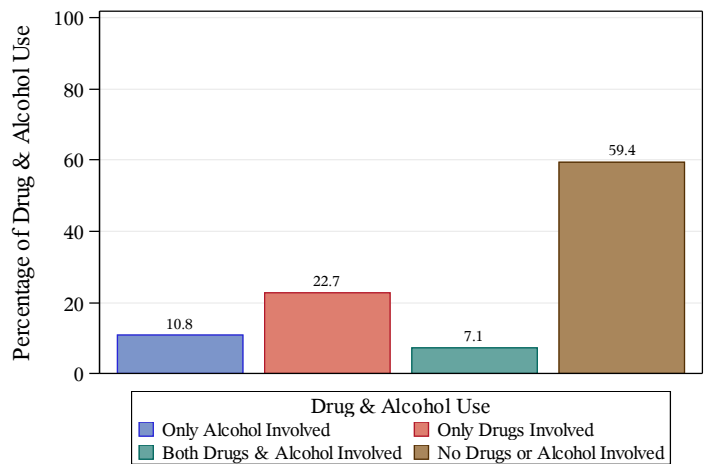
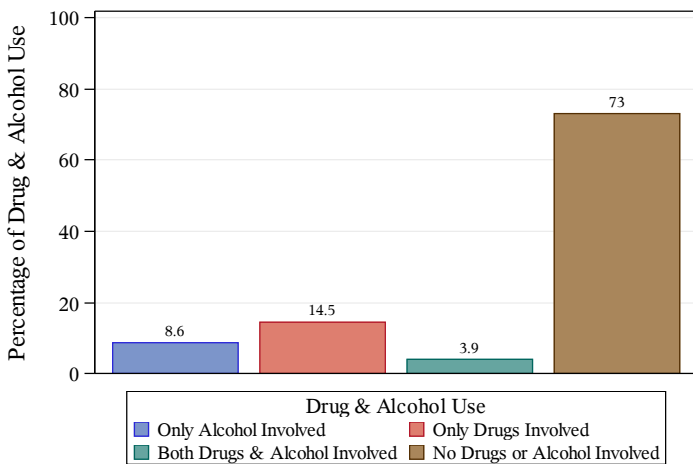
Motorcycle  
November 2016 to October 2017

Automobile  
November 2016 to October 2017



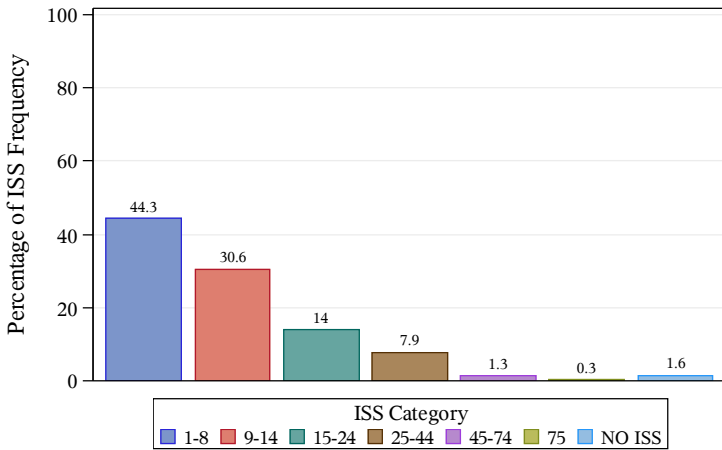
Bicyclist  
November 2016 to October 2017

Pedestrian  
November 2016 to October 2017

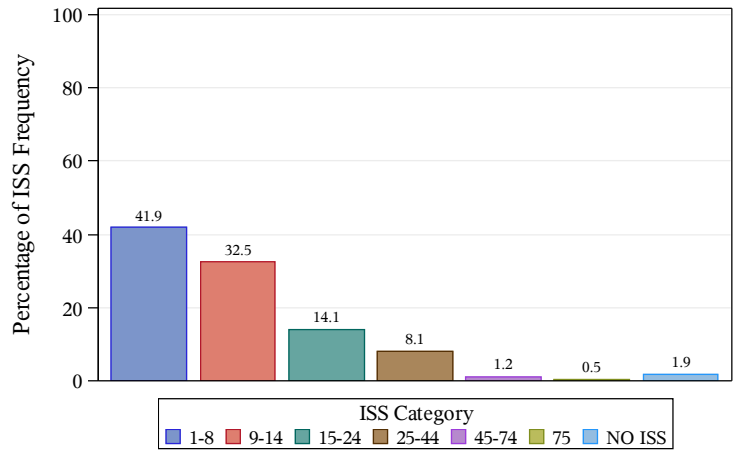


Injury Severity Score- Motor Vehicle Collision

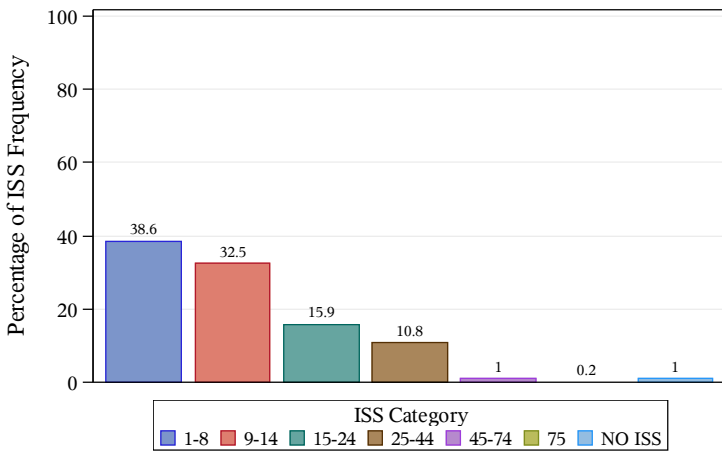
2016



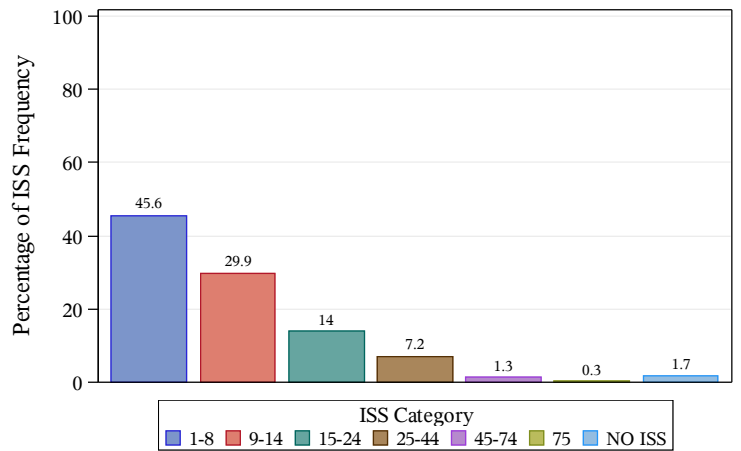
November 2016 to October 2017



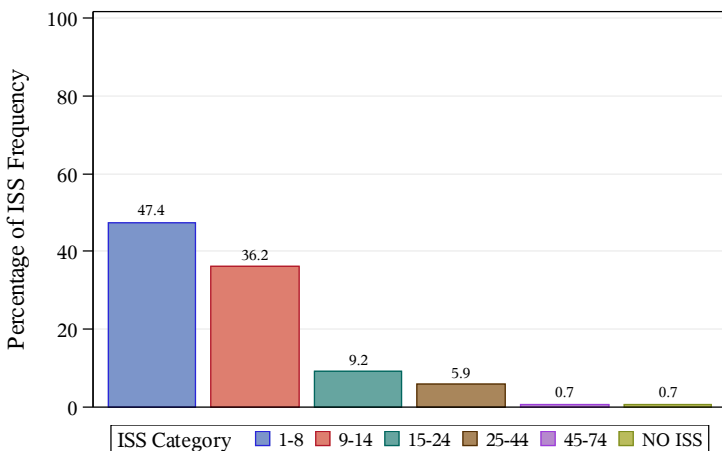
Motorcycle  
November 2016 to October 2017



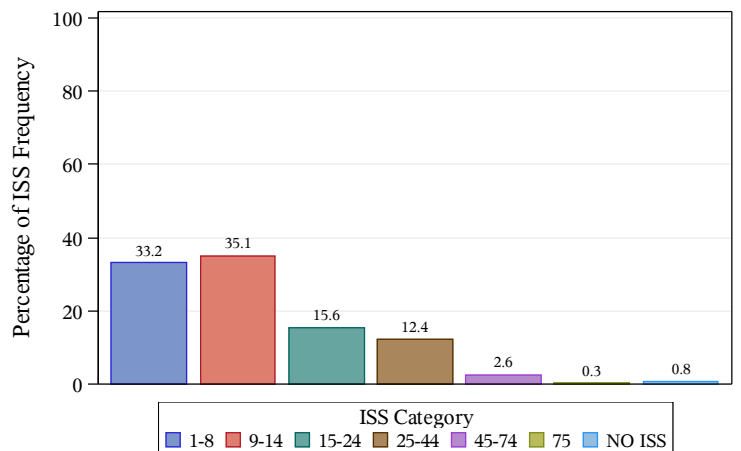
Automobile  
November 2016 to October 2017



Bicyclist  
November 2016 to October 2017

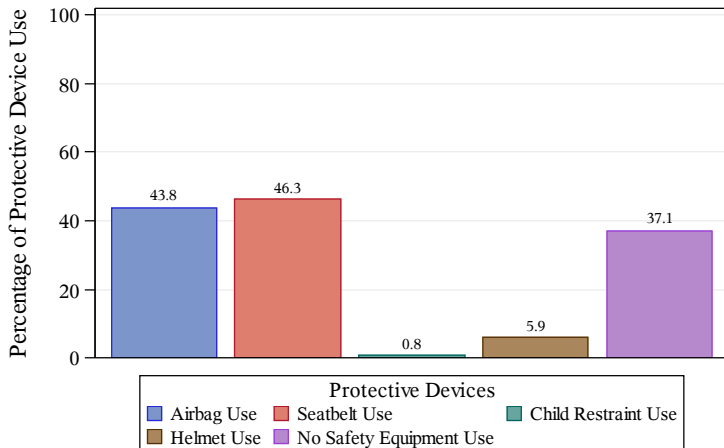


Pedestrian  
November 2016 to October 2017

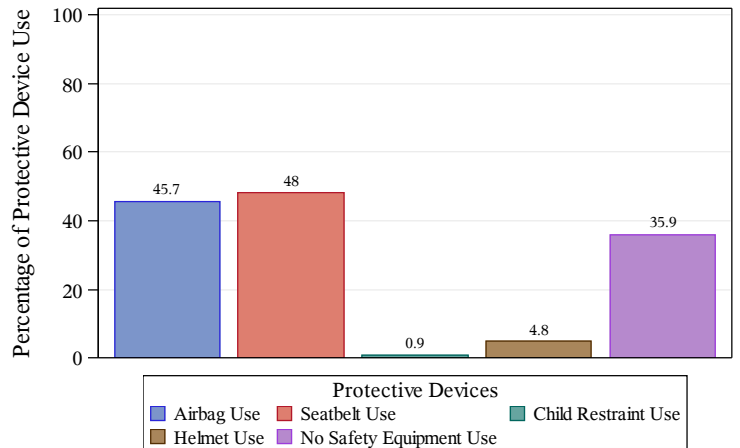


Protective Devices- Motor Vehicle Collision

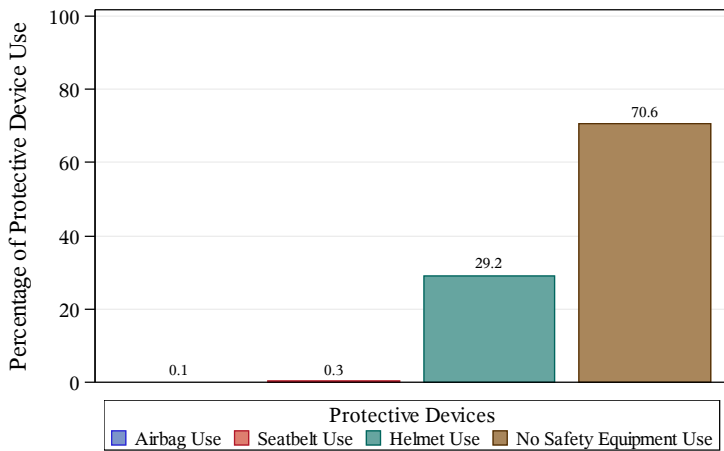
2016



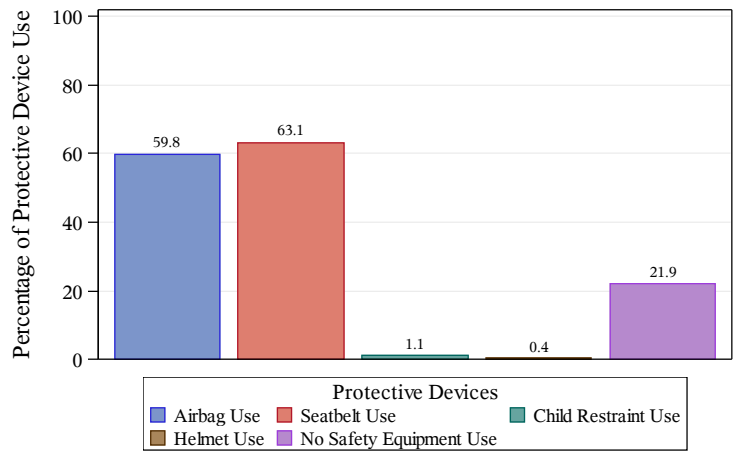
November 2016 to October 2017



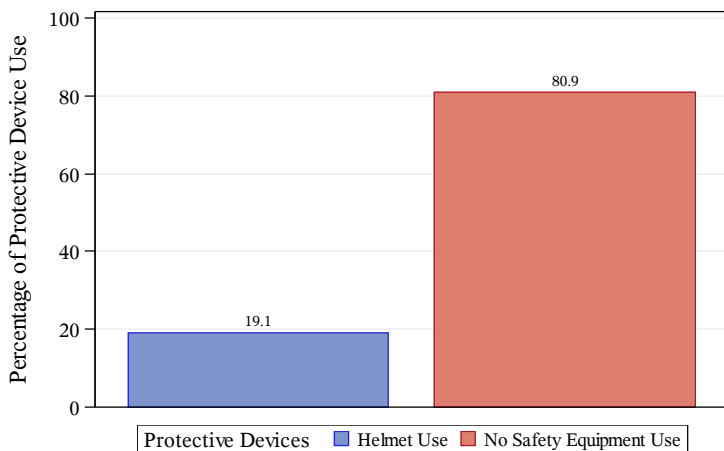
Motorcycle  
November 2016 to October 2017



Automobile  
November 2016 to October 2017



Bicyclist  
November 2016 to October 2017



Pedestrian  
November 2016 to October 2017

