

On March 7th, Ramzi Nimry (Trauma System PI Manager) attended Scott County's Health Department to train on Naloxone training.

On March 14th, Ramzi Nimry (Trauma System PI Manager) and Camry Hess (Data Analyst) participated in the PI Subcommittee meeting.

On March 14th, Ramzi Nimry (Trauma System PI Manager) attended Martin County's Health Department to train on Naloxone training.

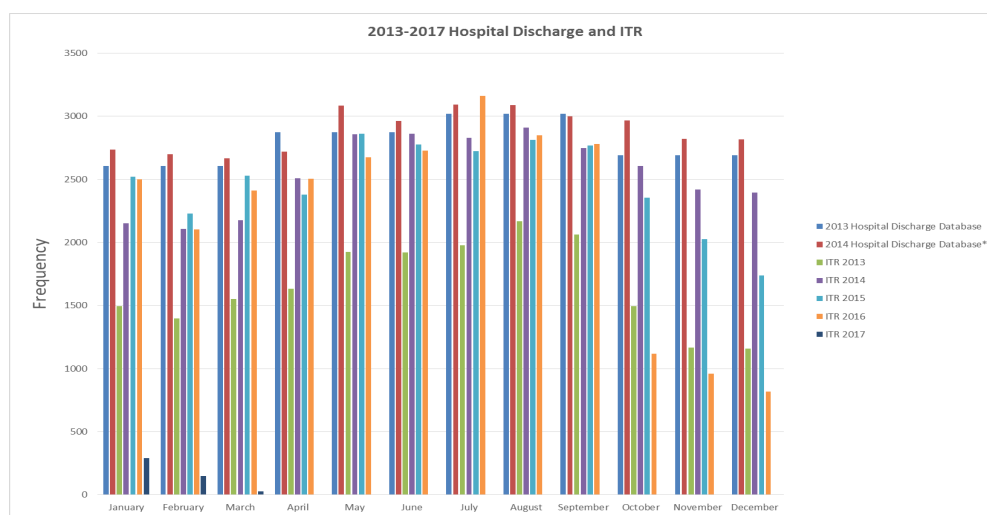
On March 24th, Ramzi Nimry (Trauma System PI Manager) attended Jackson County's Health Department to train on Naloxone training.

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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

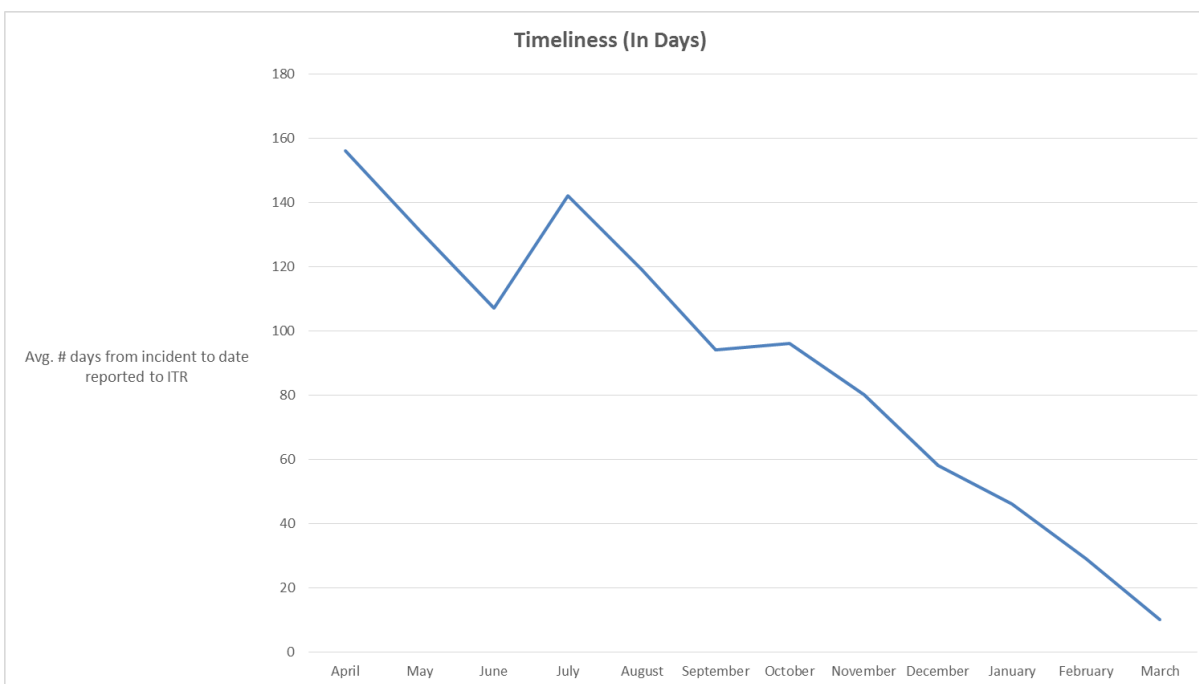
The Hospital Discharge database, also maintained by the ISDH, contains all records of patients cared for in Indiana hospitals. We compared patient records from the ITR with the Hospital Discharge database to know how complete is the ITR's data.



## Timeliness

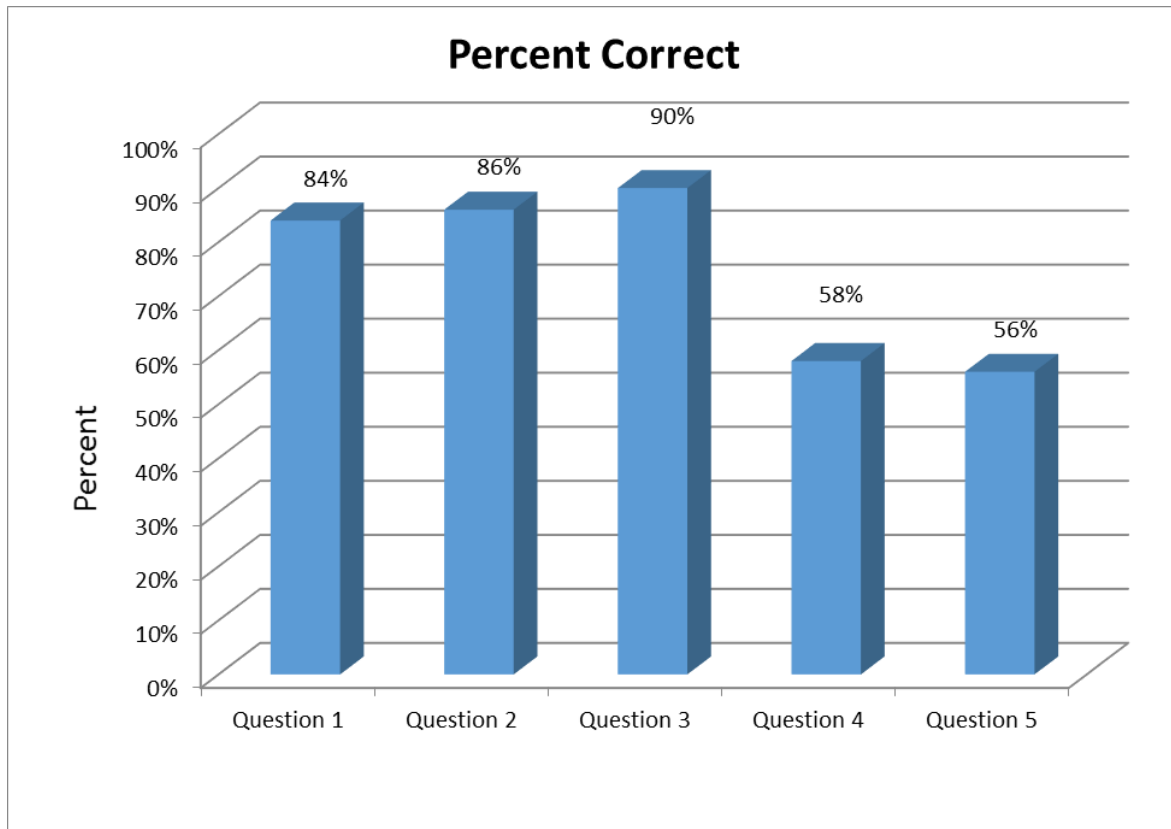
Timeliness increases as facilities wait until the data submission deadline to submit data to the ITR. Hospitals are asked to report data on the national trauma (TQIP) reporting schedule.

The decrease in timeliness from December 2016 until March 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 March we sent out the thirty-fifth monthly quiz for the inter-rater reliability study. Fifty registrars completed the quiz from 33 hospitals. The percent of correct answers was 75% for the entire quiz and the average free-marginal Kappa (measure of consistency) 0.44. 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

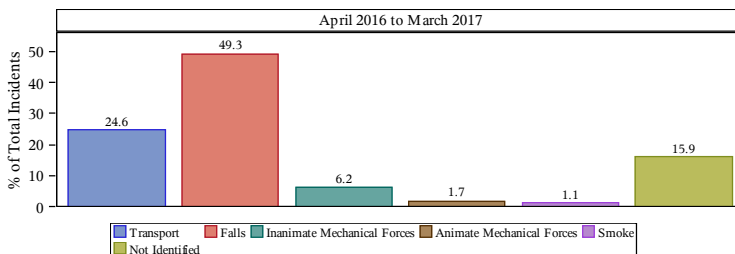
The number of linked EMS to trauma cases was 2,457 for Q3 2016 data. Trauma data is due on a quarterly basis.

## Accessibility

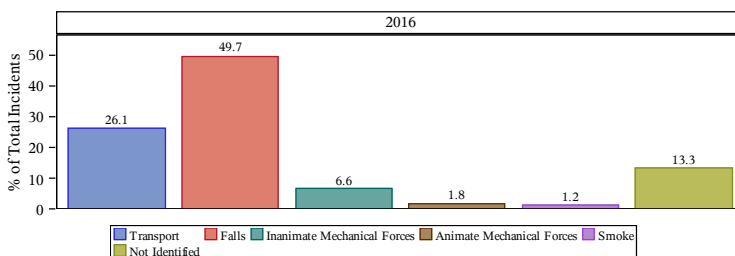
The average time to complete data requests was 1 days for aggregate requests (8 total) and 0.5 days for identifiable requests (2 total). There were no self-requests during March.

**Cause of Injury (COI)**

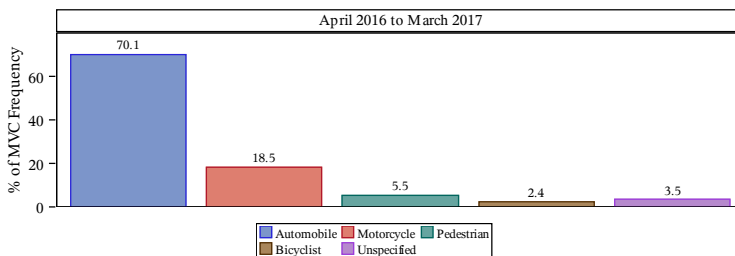
Cause of Injury (COI)



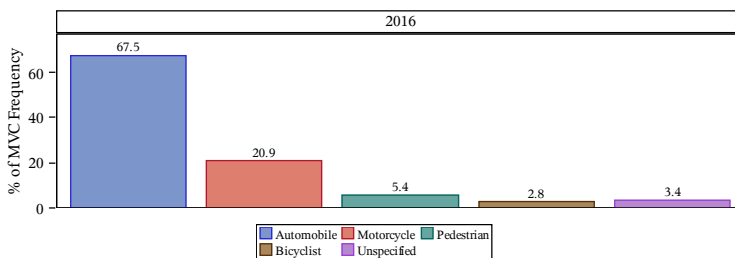
Cause of Injury (COI)



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

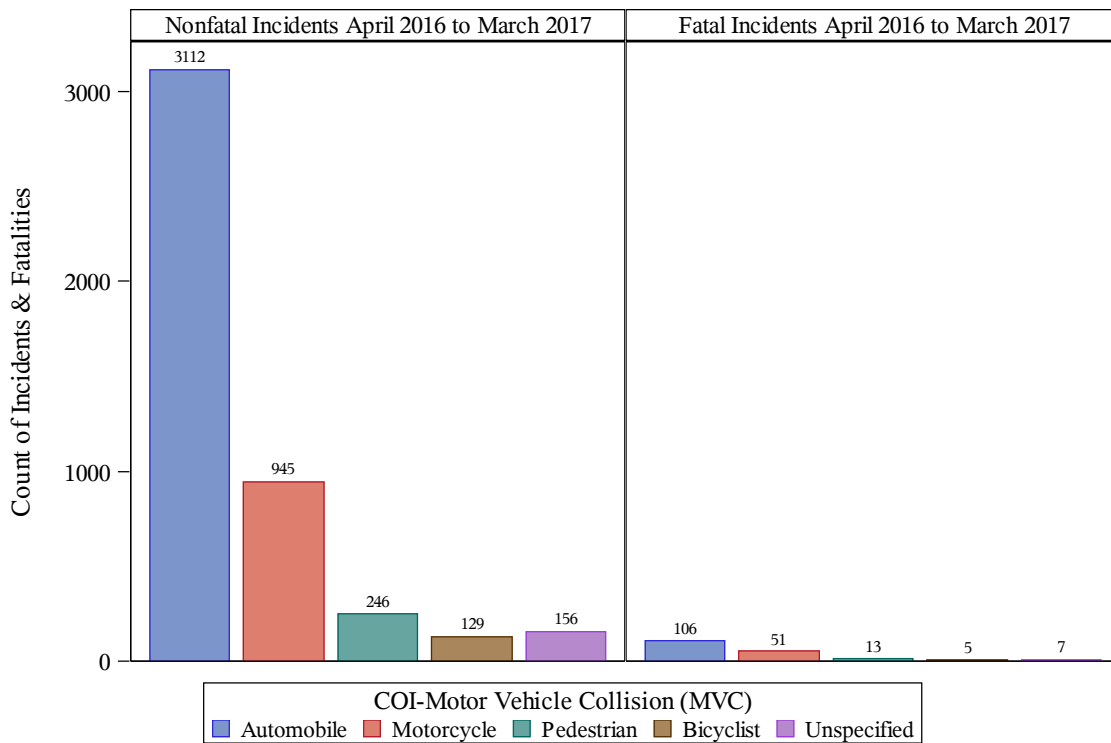
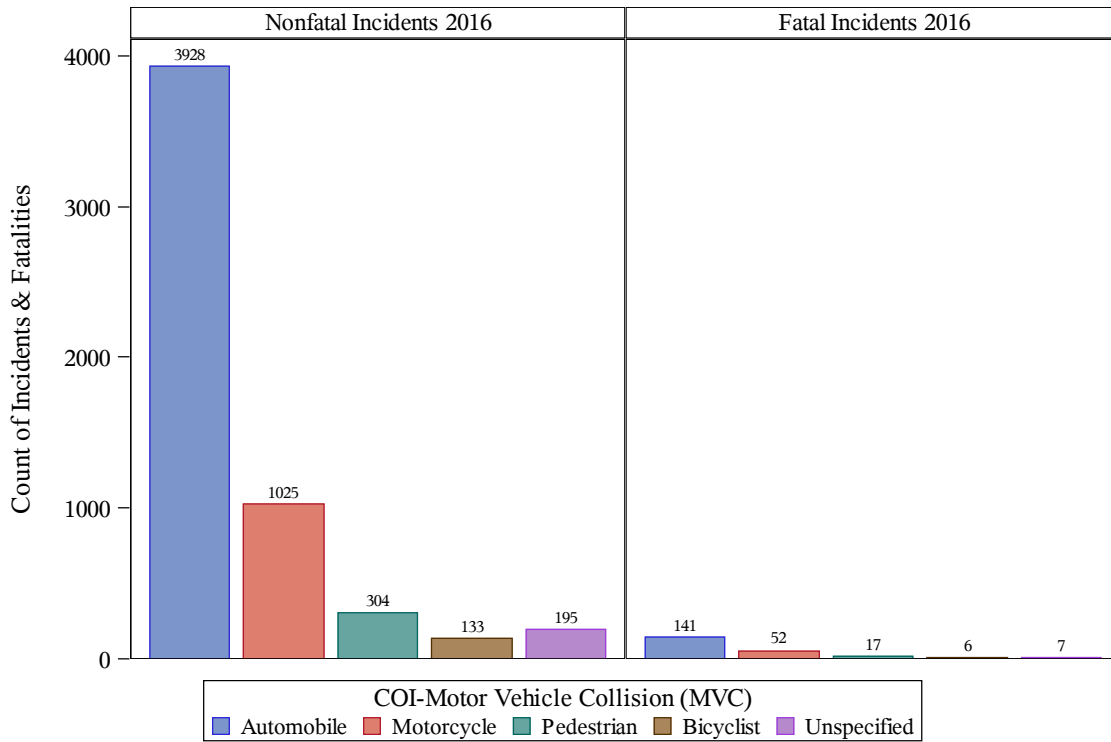


**COI-Motor Vehicle Collision (MVC)**



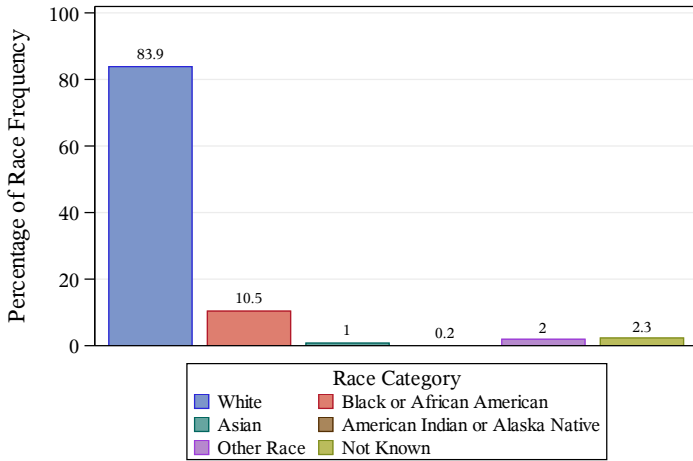
Motor Vehicle Collision

COI-MVC Nonfatal Incidents and Fatal Incidents

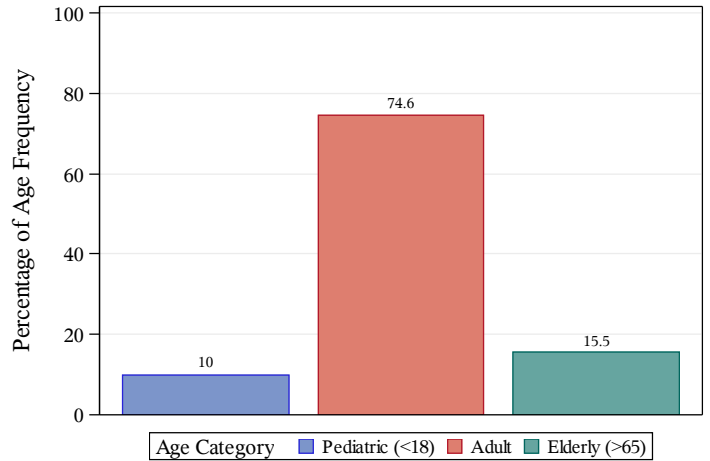


Motor Vehicle Collision

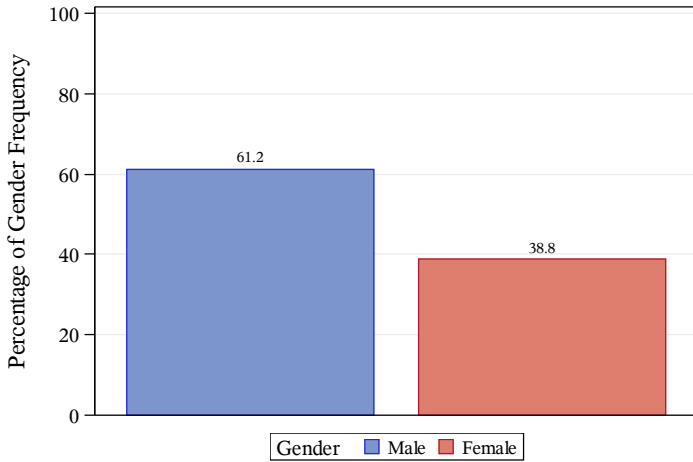
Race



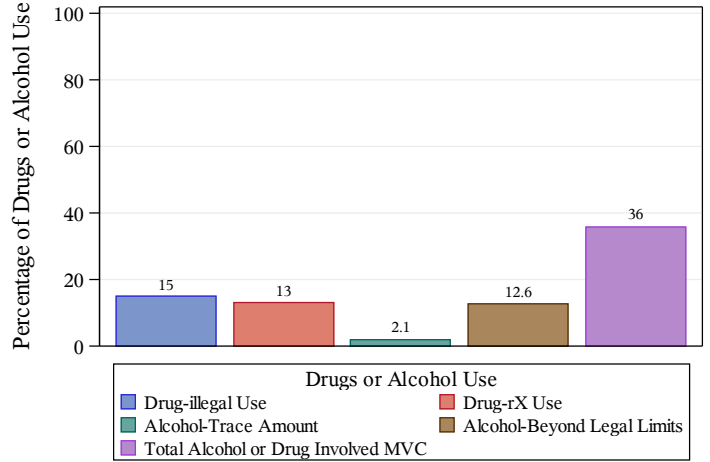
Age



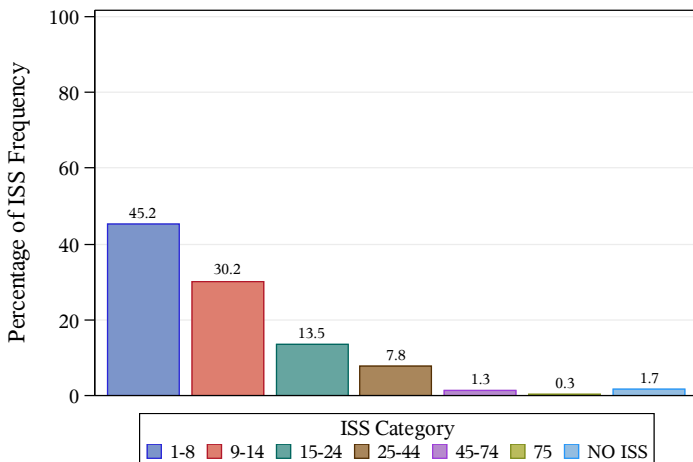
Gender



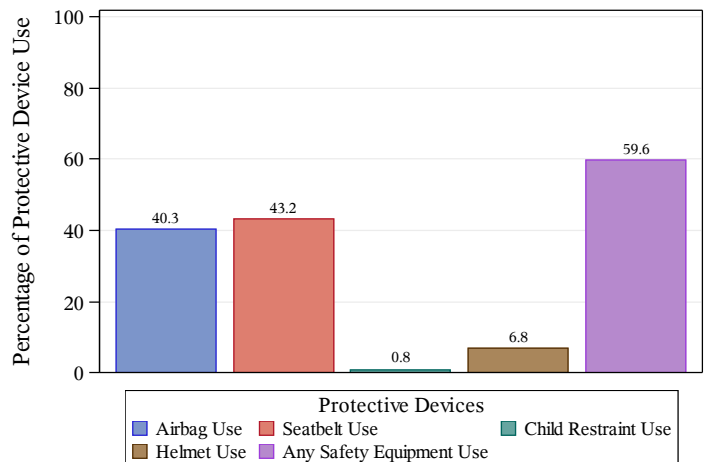
Drug & Alcohol Use



Injury Severity Score



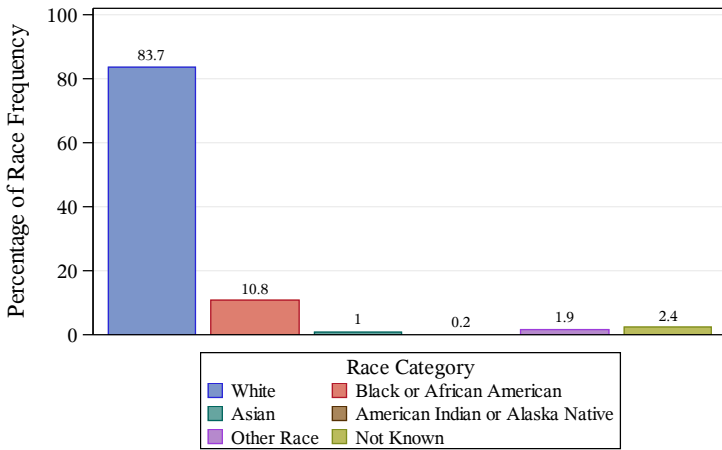
Protective Devices



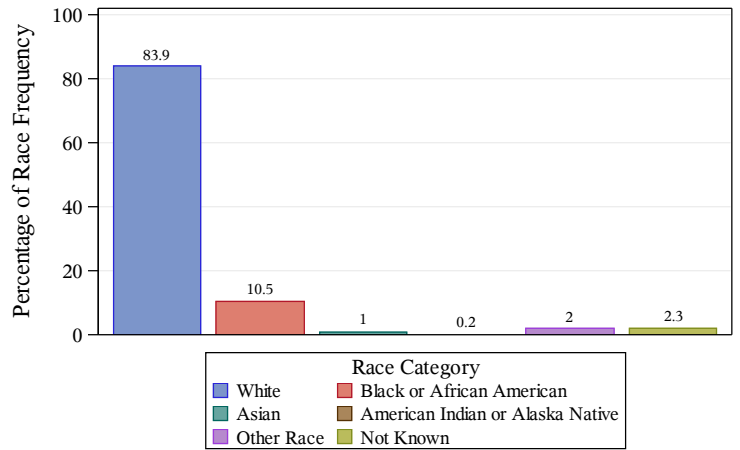
Injury Severity Score (ISS) is a measure of how bad the injury is. Scores over 15 are considered major trauma. A score of 75 is considered not survivable.

Race- Motor Vehicle Collision

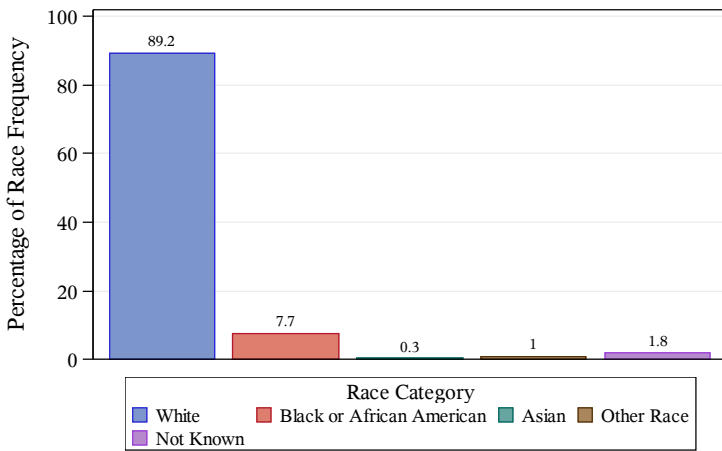
2016



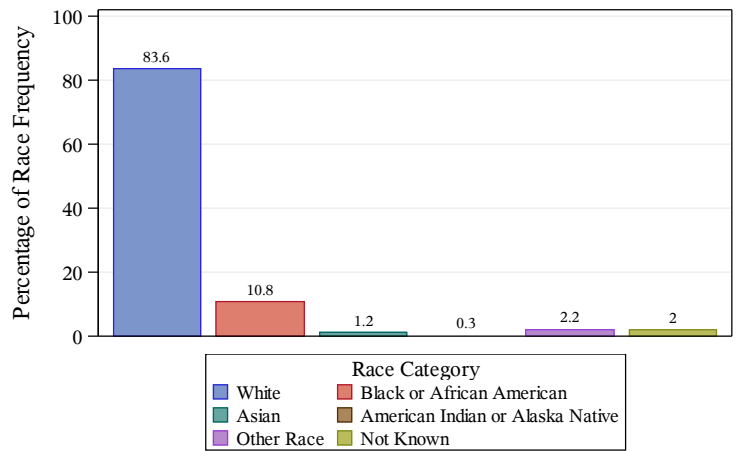
April 2016 to March 2017



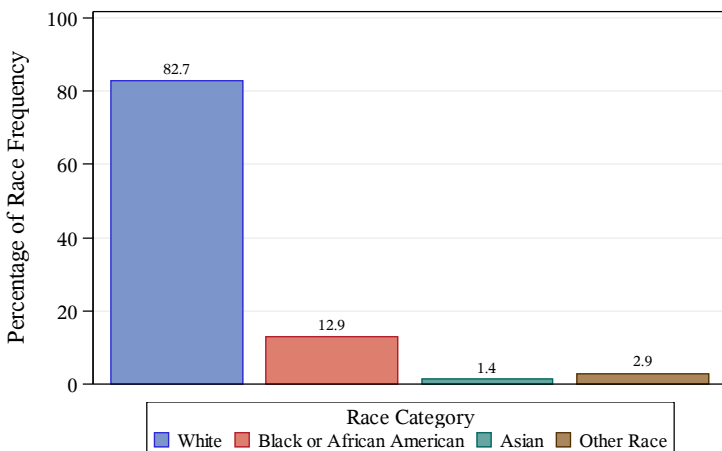
Motorcycle  
April 2016 to March 2017



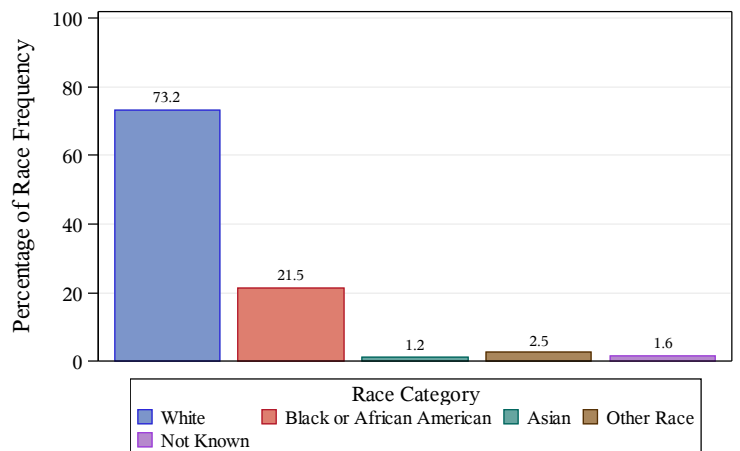
Automobile  
April 2016 to March 2017



Bicyclist  
April 2016 to March 2017

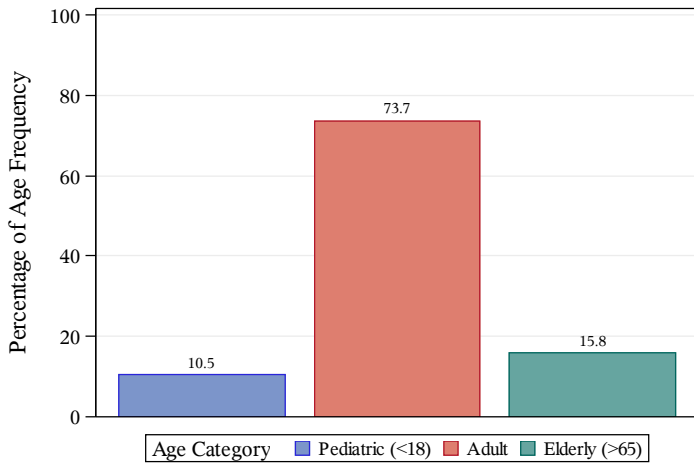


Pedestrian  
April 2016 to March 2017

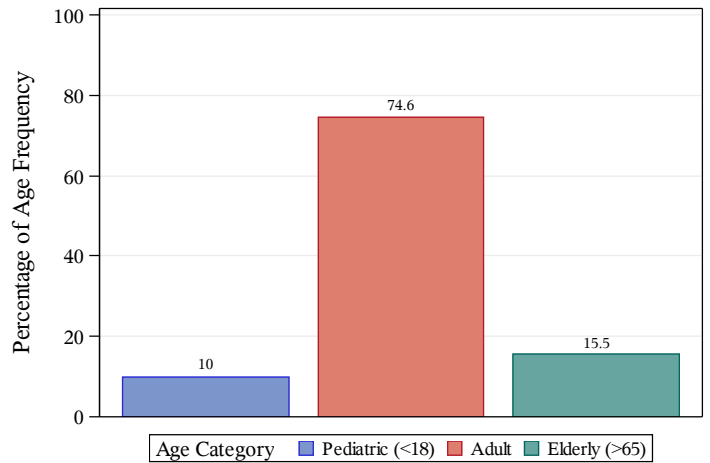


Age- Motor Vehicle Collision

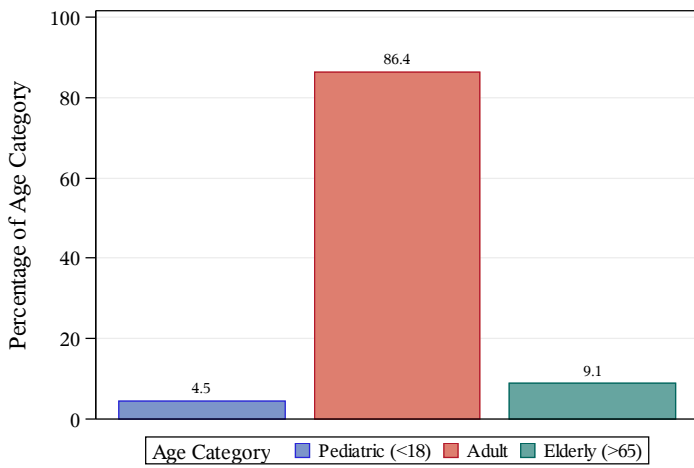
2016



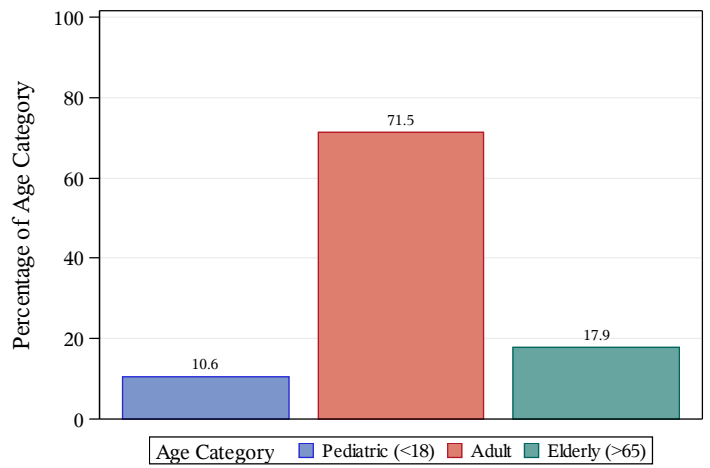
April 2016 to March 2017



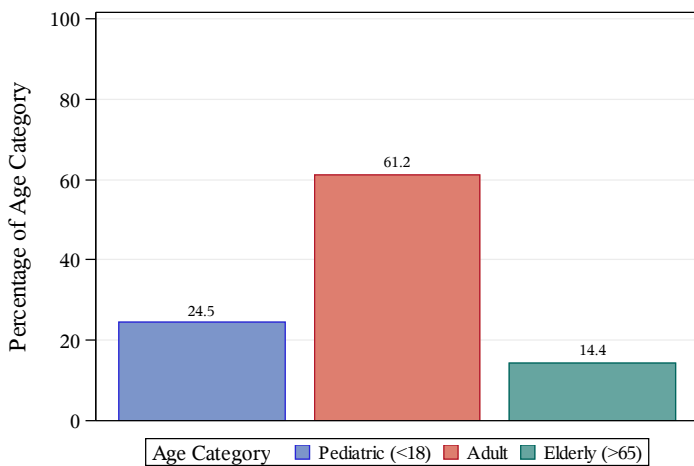
Motorcycle  
April 2016 to March 2017



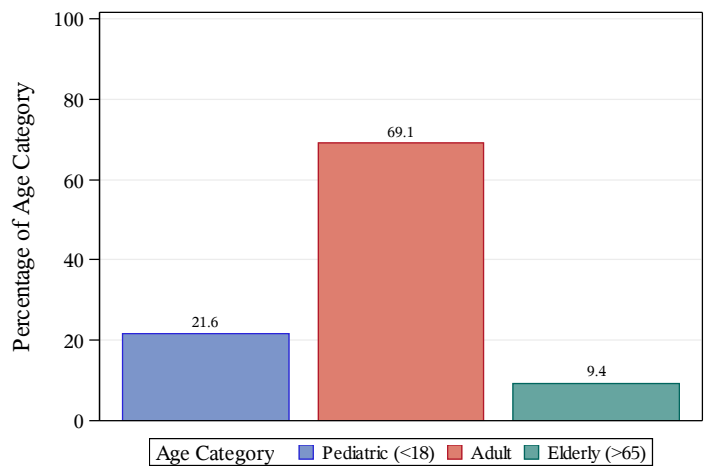
Automobile  
April 2016 to March 2017



Bicyclist  
April 2016 to March 2017



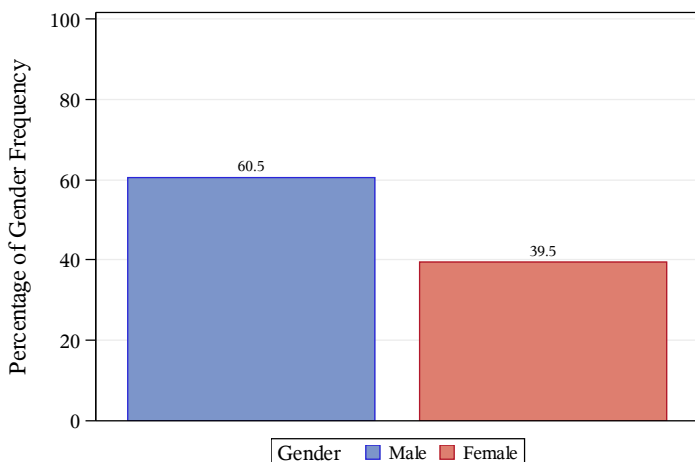
Pedestrian  
April 2016 to March 2017



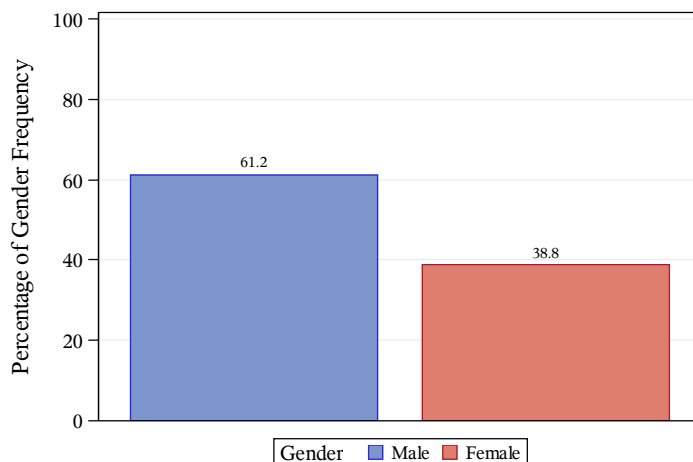


Gender- Motor Vehicle Collision

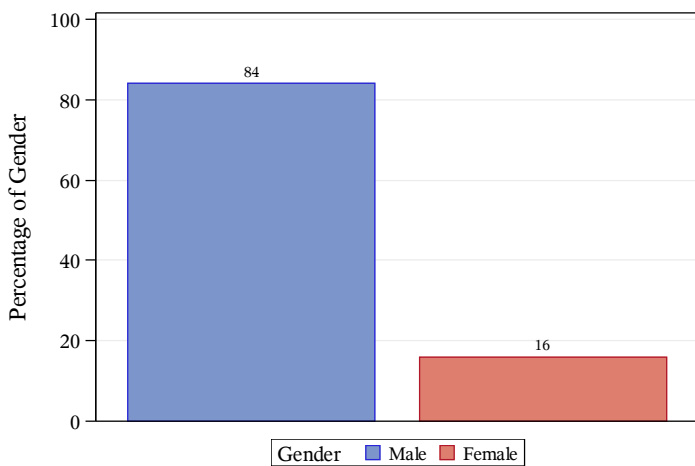
2016



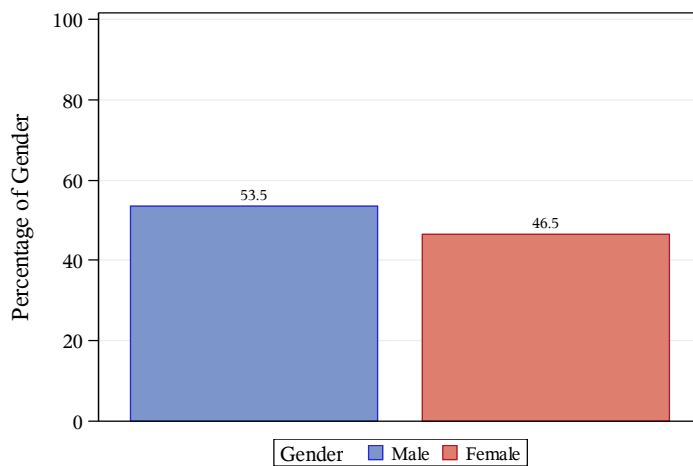
April 2016 to March 2017



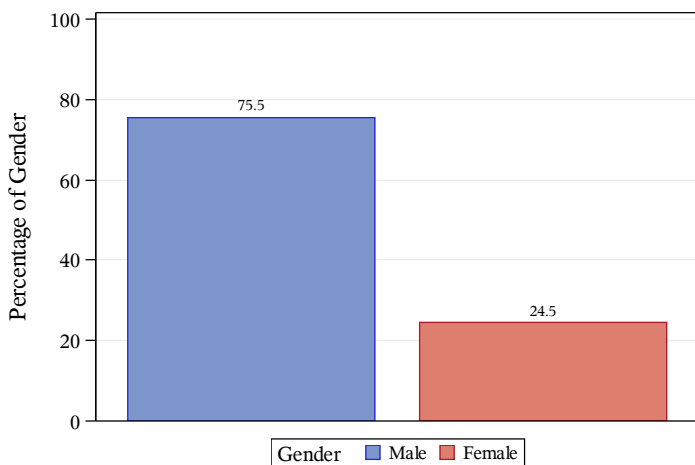
Motorcycle  
April 2016 to March 2017



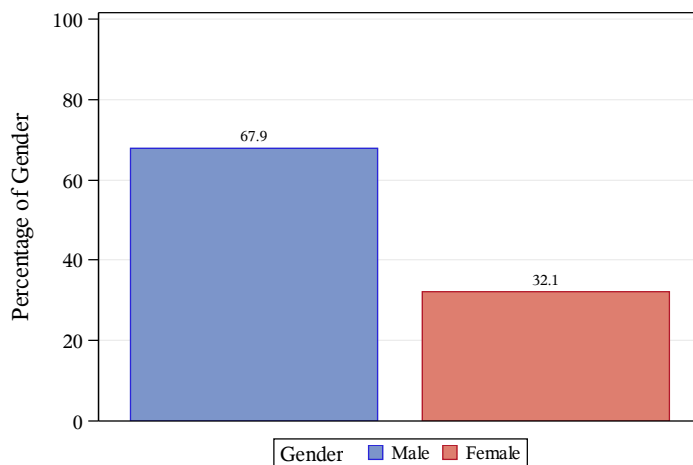
Automobile  
April 2016 to March 2017



Bicyclist  
April 2016 to March 2017

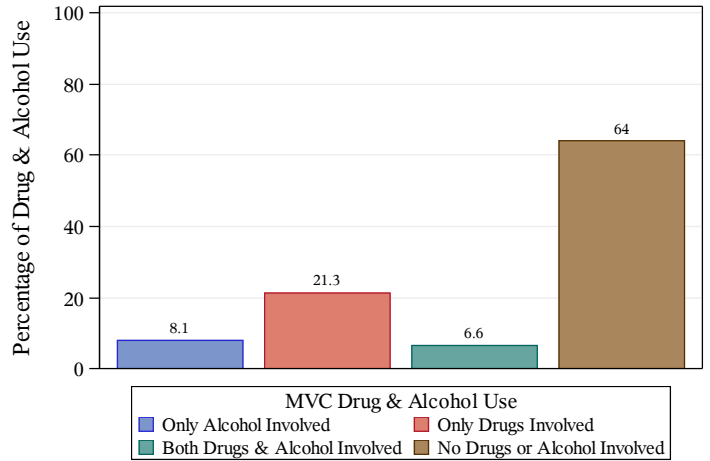
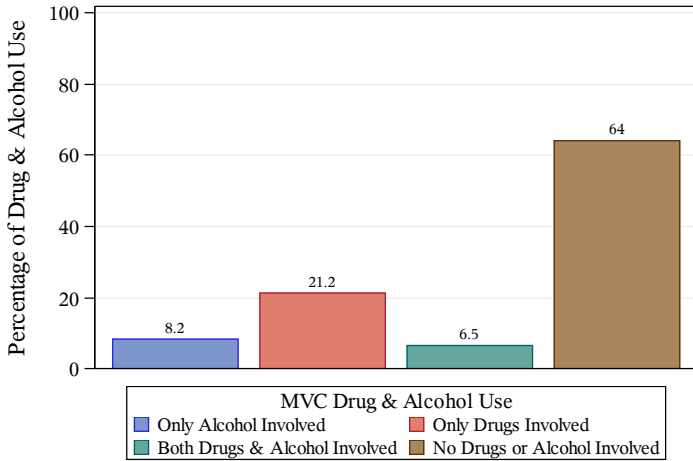


Pedestrian  
April 2016 to March 2017



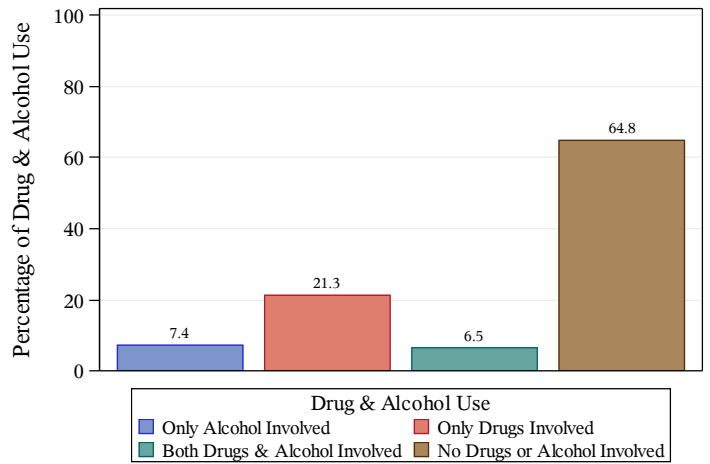
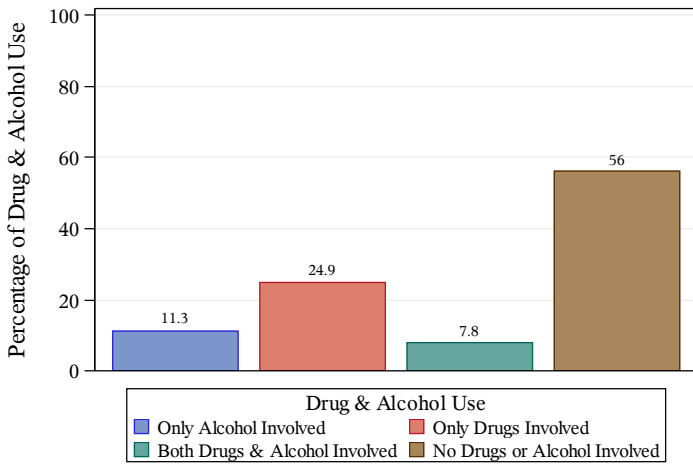
**2016**

**April 2016 to March 2017**



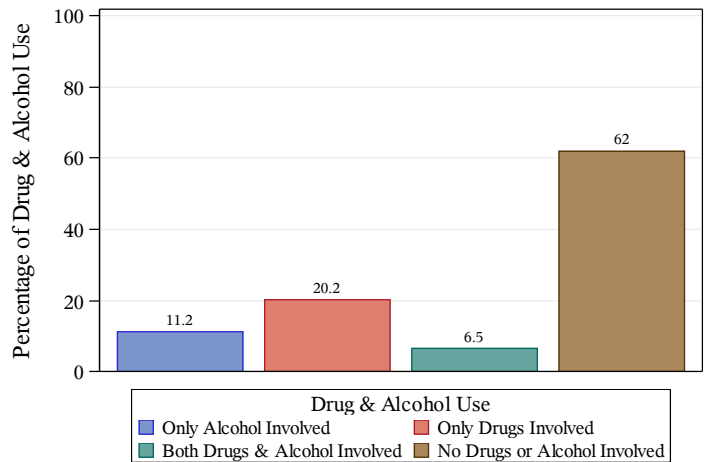
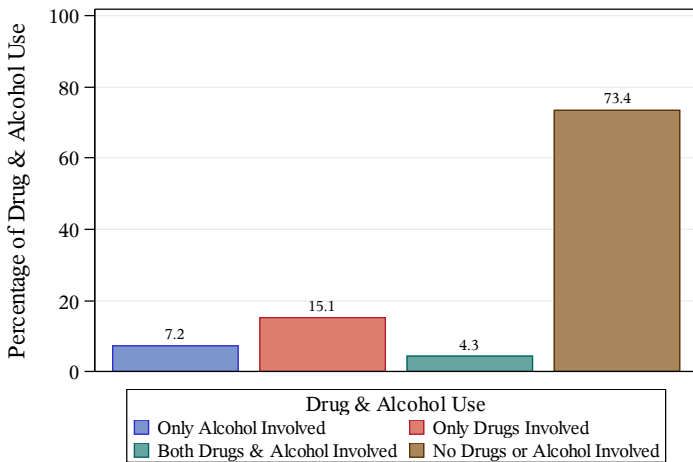
**Motorcycle**  
 April 2016 to March 2017

**Automobile**  
 April 2016 to March 2017



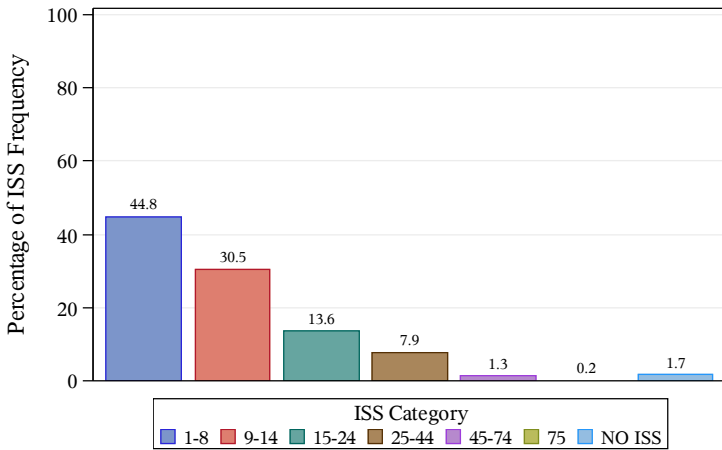
**Bicyclist**  
 April 2016 to March 2017

**Pedestrian**  
 April 2016 to March 2017

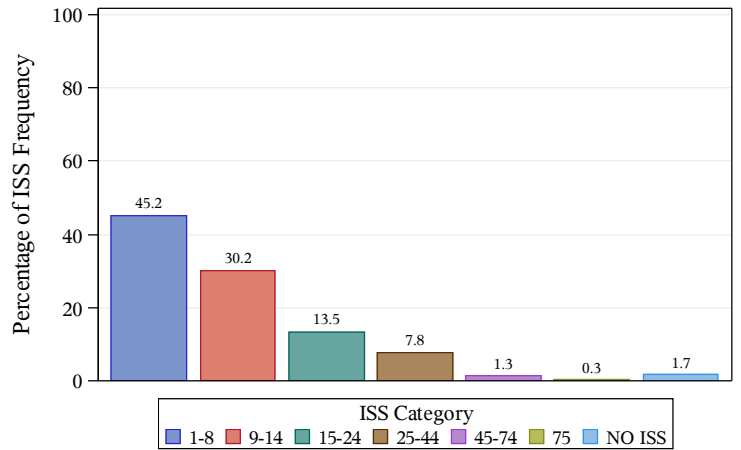


Injury Severity Score- Motor Vehicle Collision

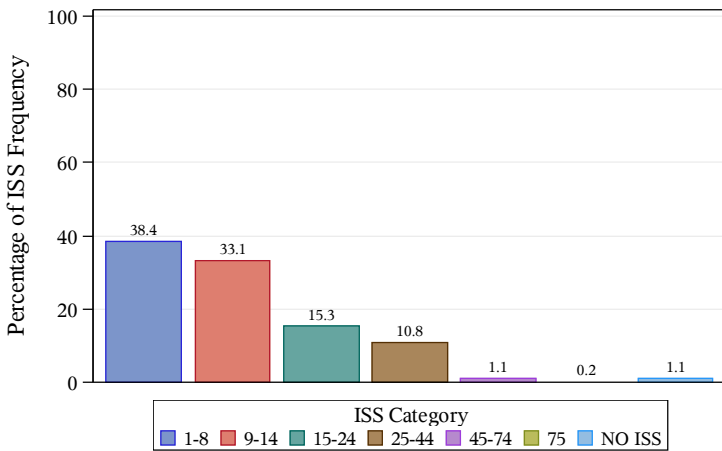
2016



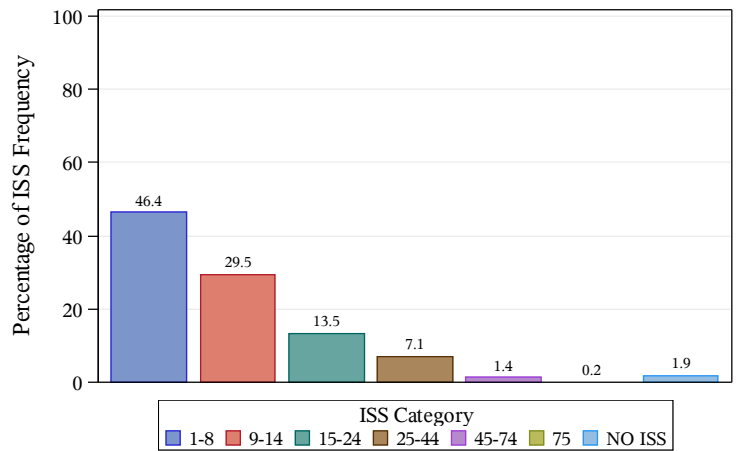
April 2016 to March 2017



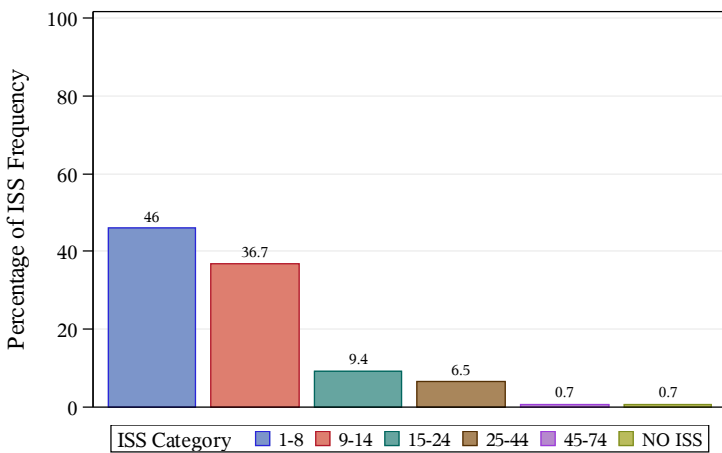
Motorcycle  
April 2016 to March 2017



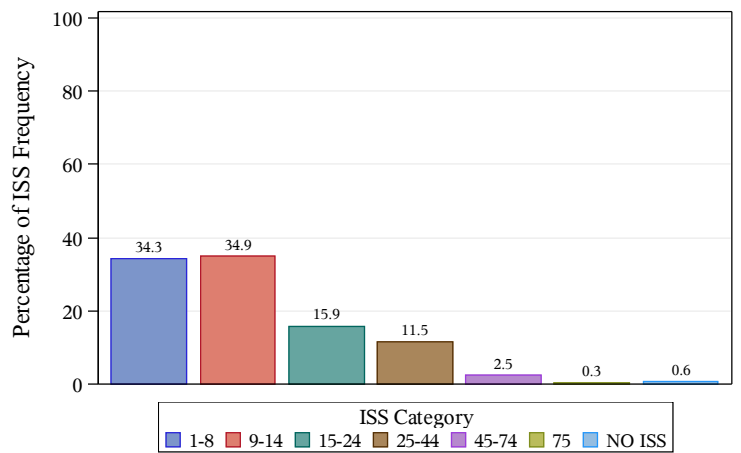
Automobile  
April 2016 to March 2017



Bicyclist  
April 2016 to March 2017

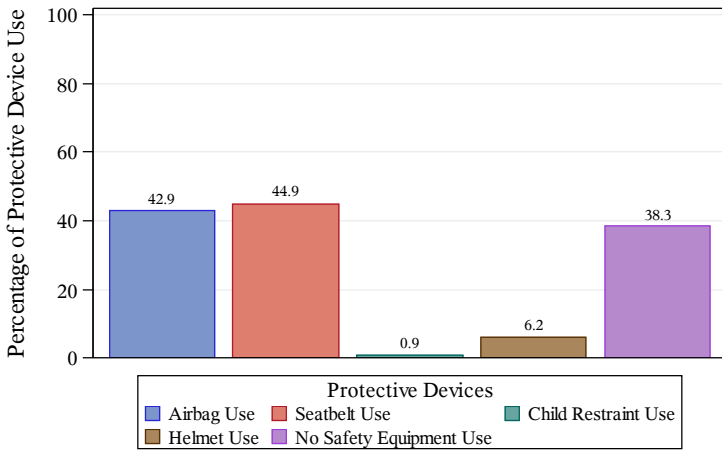


Pedestrian  
April 2016 to March 2017

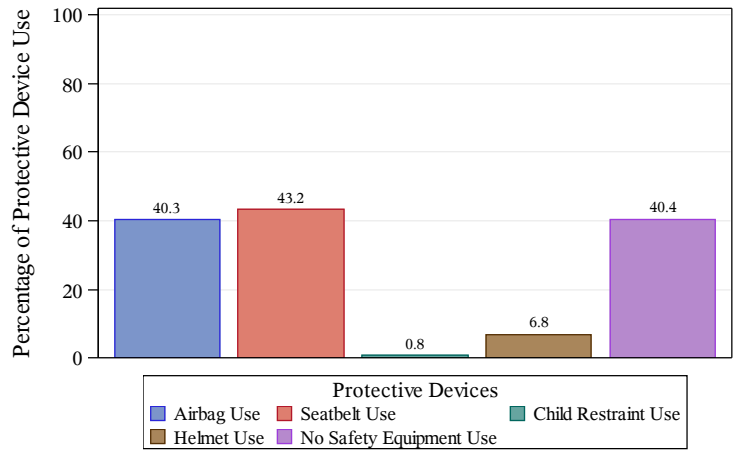


Protective Devices- Motor Vehicle Collision

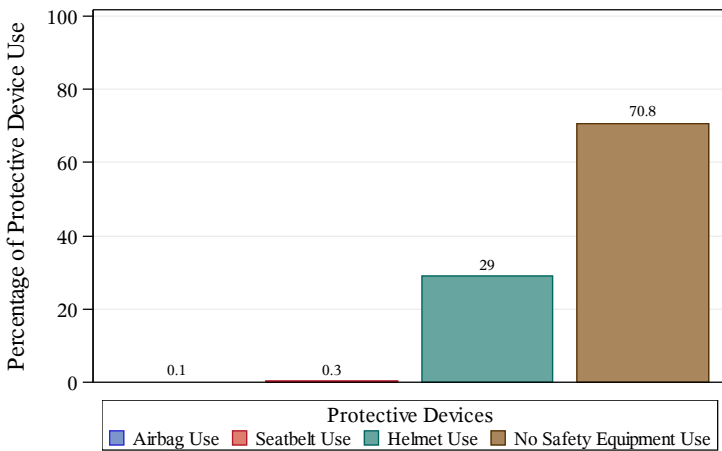
2016



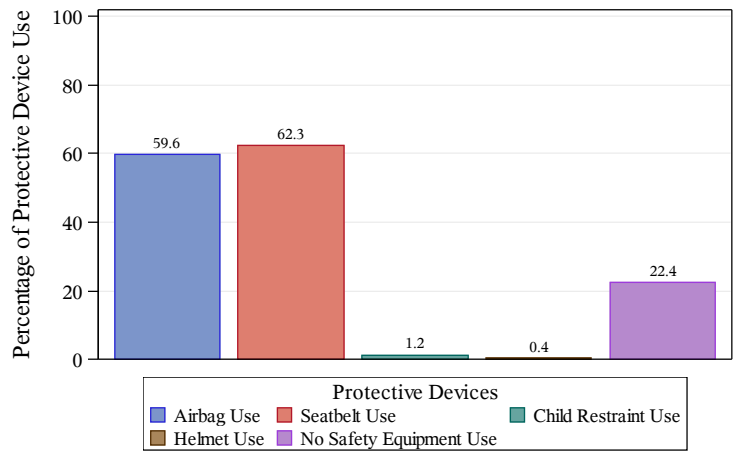
April 2016 to March 2017



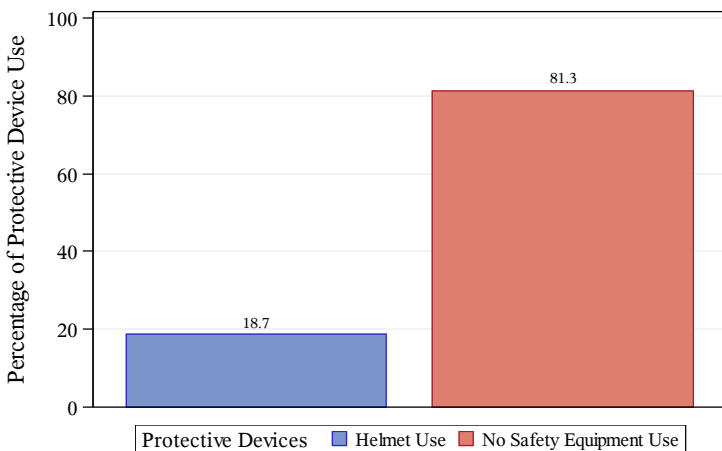
Motorcycle  
April 2016 to March 2017



Automobile  
April 2016 to March 2017



Bicyclist  
April 2016 to March 2017



Pedestrian  
April 2016 to March 2017

