

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

On November 8th, Ramzi Nimry (Statewide Trauma System Development and Training Manager) attended the District 1 TRAC at Methodist Southlake in Crown Point, IN.

On November 9th, Ramzi Nimry (Statewide Trauma System Development and Training Manager) trained the Carroll County coroner on the Indiana Coroner Case Management System (INCCMS).

On November 13th, Ramzi Nimry (Statewide Trauma System Development and Training Manager) and Camry Hess (Data Analyst) attended the PI Subcommittee meeting.

On November 14th, Ramzi Nimry (Statewide Trauma System Development and Training Manager) attended the 6th Annual Labor of Love as a vendor at the JW Marriott, in Indianapolis.

On November 16th, Ramzi Nimry (Statewide Trauma System Development and Training Manager) trained the Posey County coroner on the Indiana Coroner Case Management System (INCCMS).

On November 19th, Ramzi Nimry (Statewide Trauma System Development and Training Manager) trained the Sullivan County coroner on the Indiana Coroner Case Management System (INCCMS).

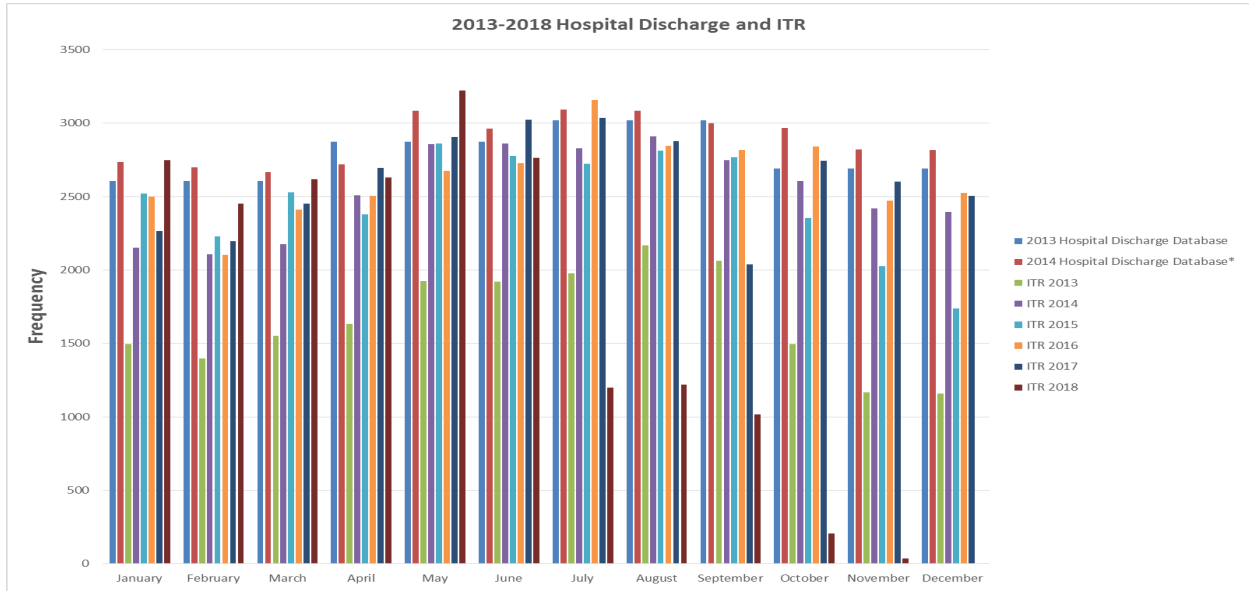
On November 29th, Ramzi Nimry (Statewide Trauma System Development and Training Manager) attended the Midwest Injury Prevention Alliance (MIPA) Summit at the Sheraton Keystone at the Crossing, in Indianapolis.

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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. The hospital discharge database is 65% complete.



## 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 average timeliness in the past year was 91 days.

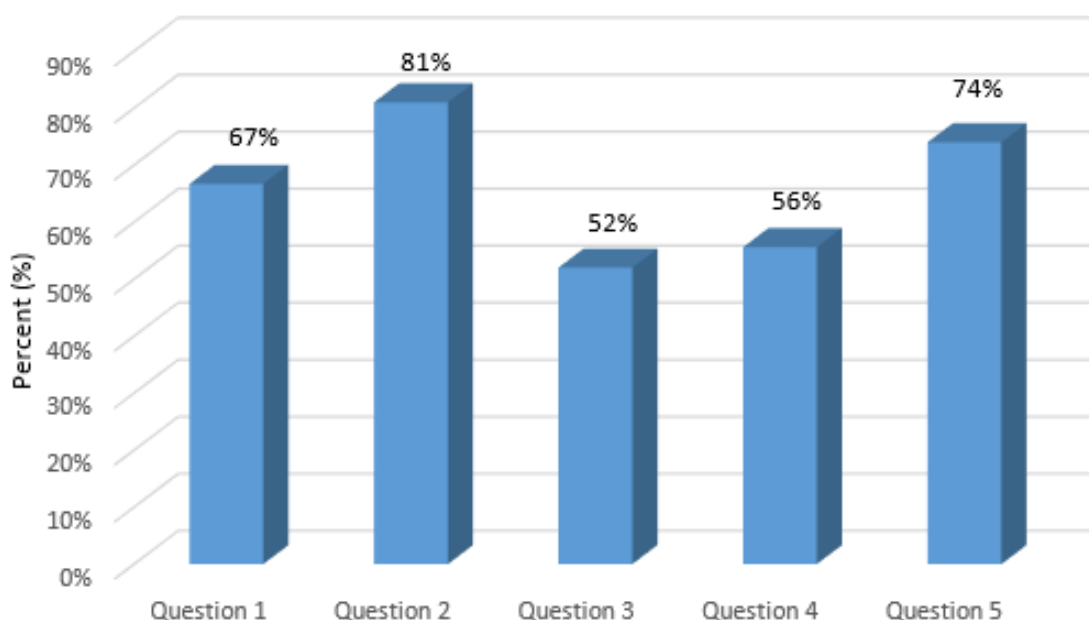


## Uniformity

In October we sent out the fifty-second monthly quiz for the inter-rater reliability study. There were 27 participants from 25 (21% of hospitals with EDs in Indiana) hospitals who completed the quiz. The percent correct was 66% and the free-marginal kappa was 0.36.

Activities to improve the uniformity of data include trauma registrar training throughout the state and at the

### Percent Correct



## Integration

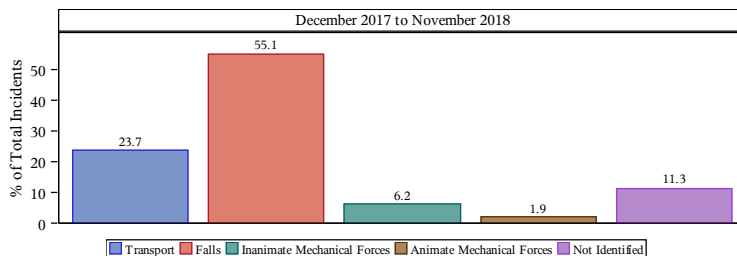
The number of linked EMS to trauma cases was 2,124 for Q4 2017 data. Trauma data is due on a quarterly basis.

## Accessibility

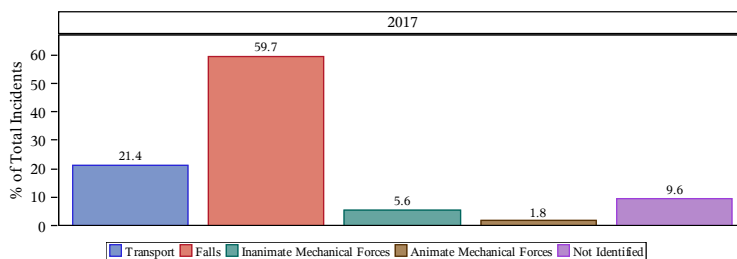
There were 3 aggregate data requests (1 day) and 1 self-report (1 day) in November. There were no identifiable requests.

**Cause of Injury (COI)**

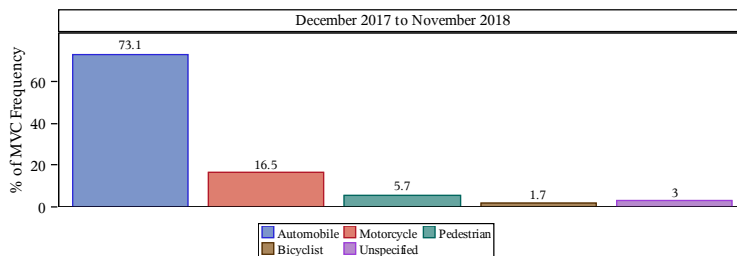
Cause of Injury (COI)



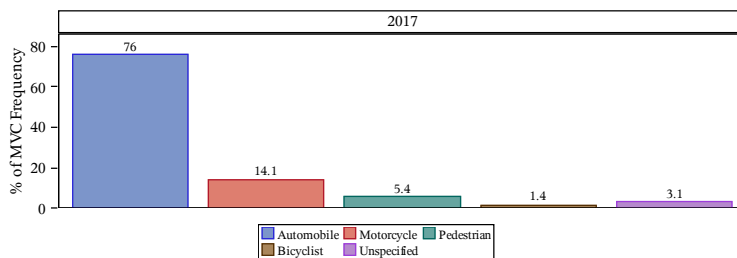
Cause of Injury (COI)



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

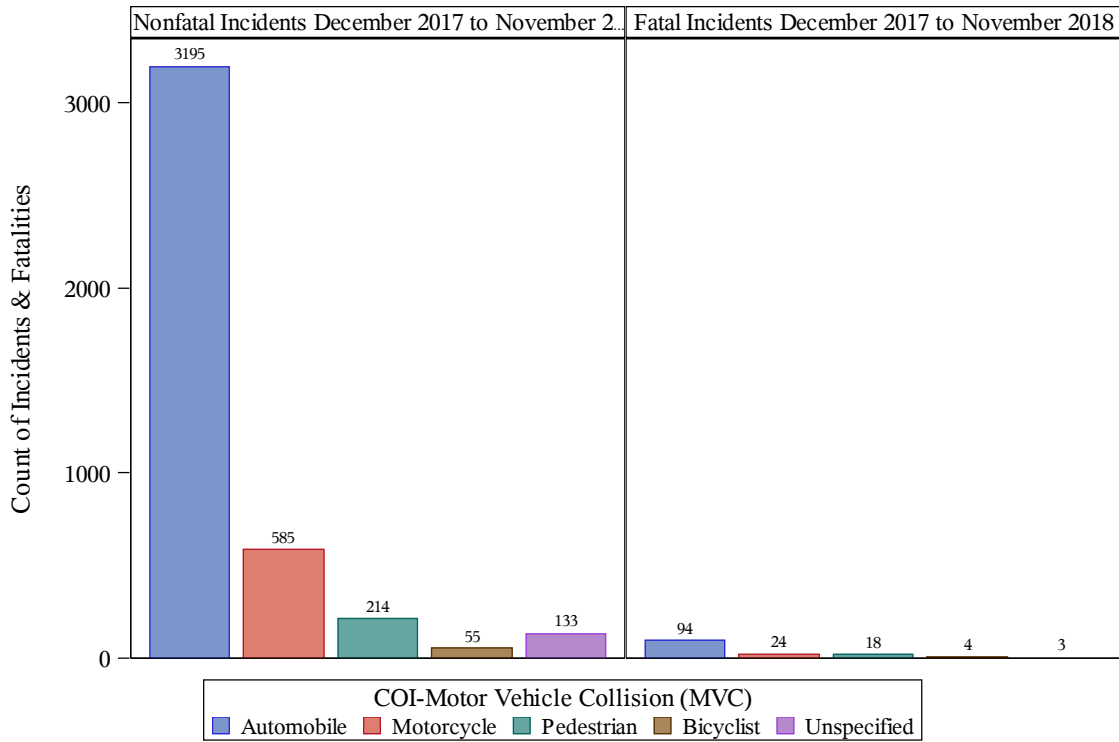
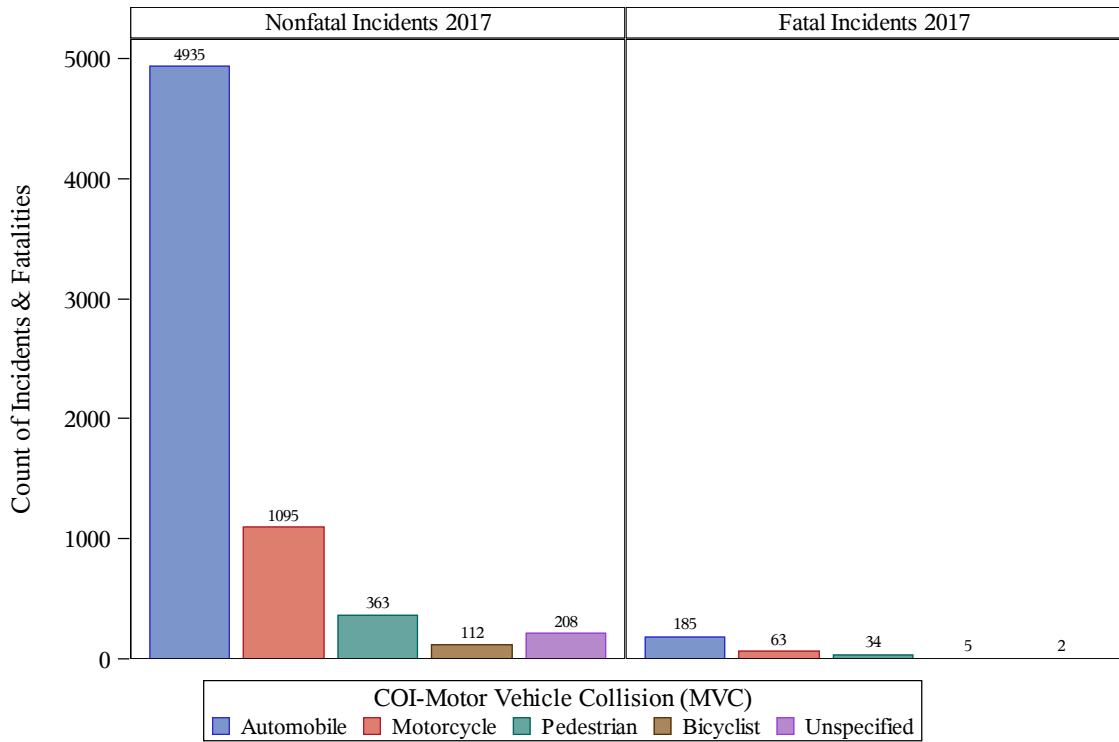


**COI-Motor Vehicle Collision (MVC)**

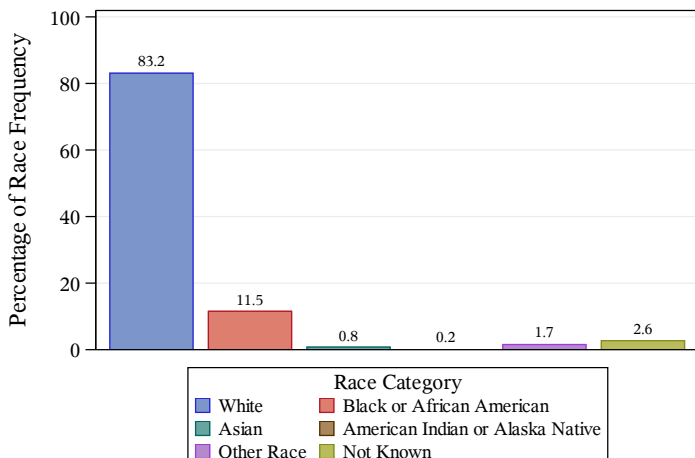


**Motor Vehicle Collision**

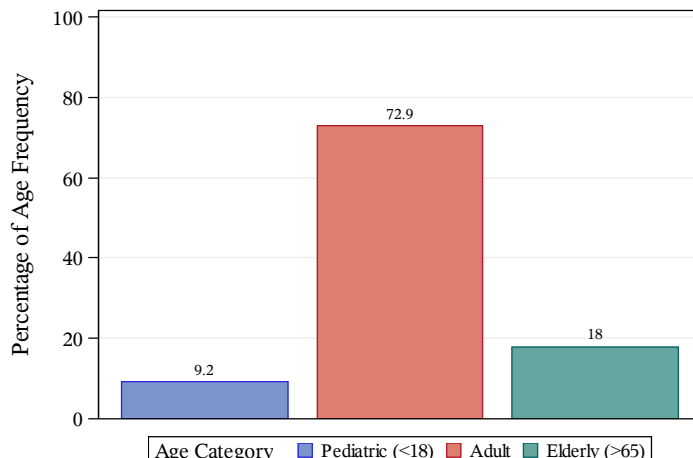
**COI-MVC Nonfatal Incidents and Fatal Incidents**



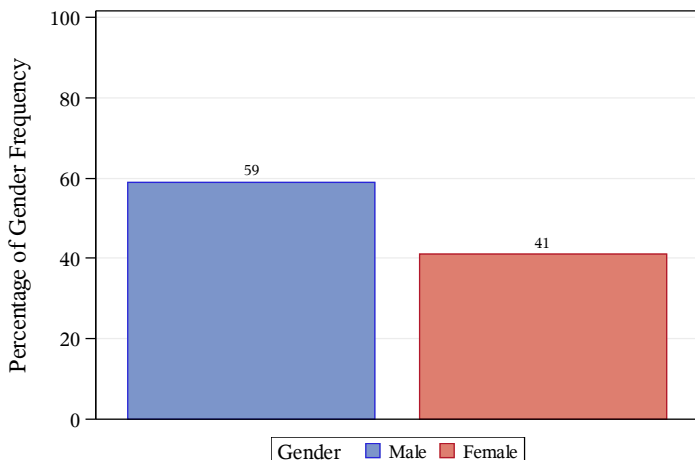
### Race



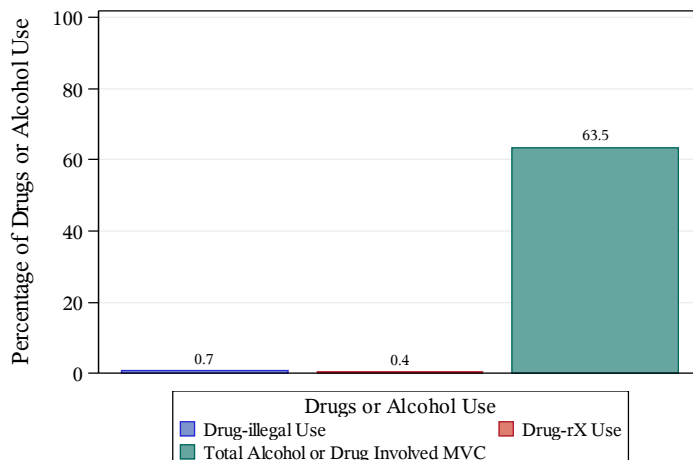
### Age



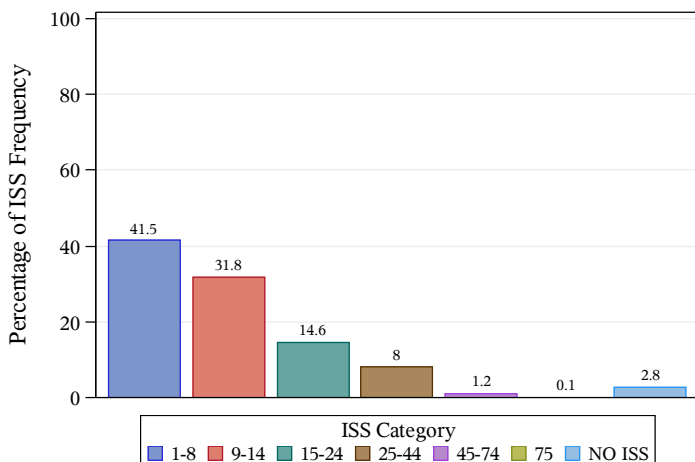
### Gender



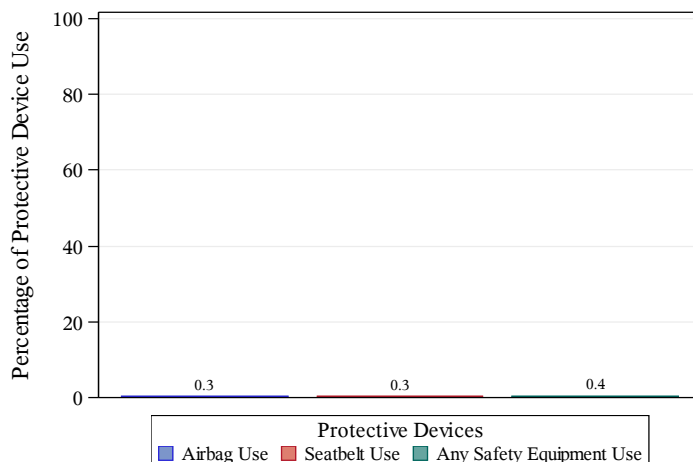
### Drug & Alcohol Use



### Injury Severity Score



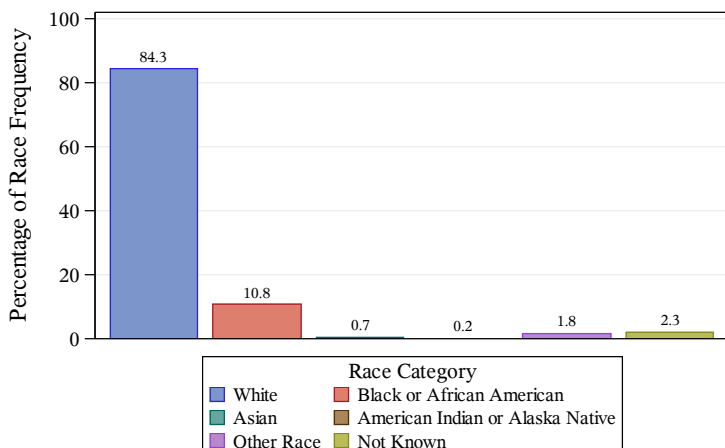
### Protective Devices



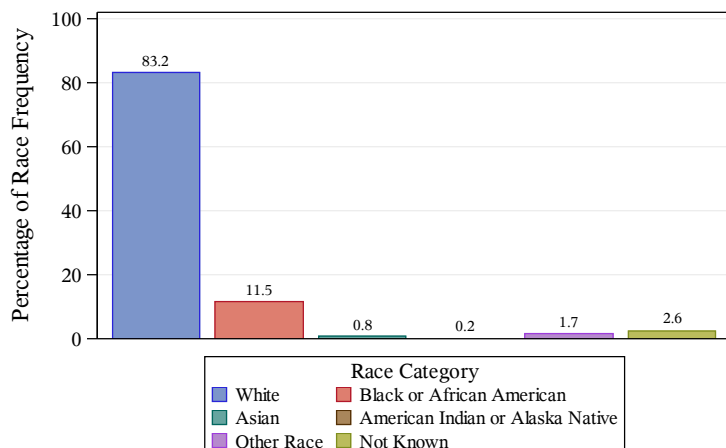
Injury Severity Score (ISS) is a measure of how bad the injury is. Scores over 15 are considered major trauma. A score of 75 is considered not survivable.

Race- Motor Vehicle Collision

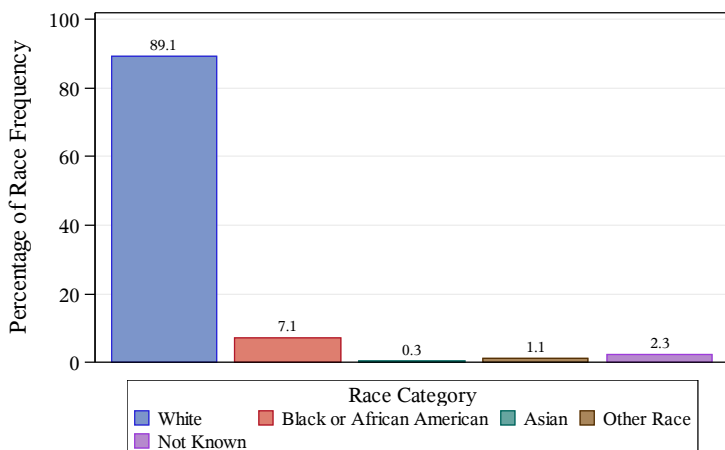
2017



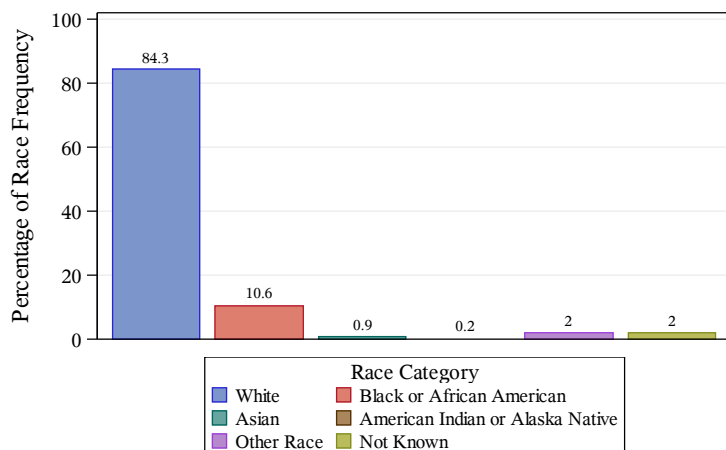
December 2017 to November 2018



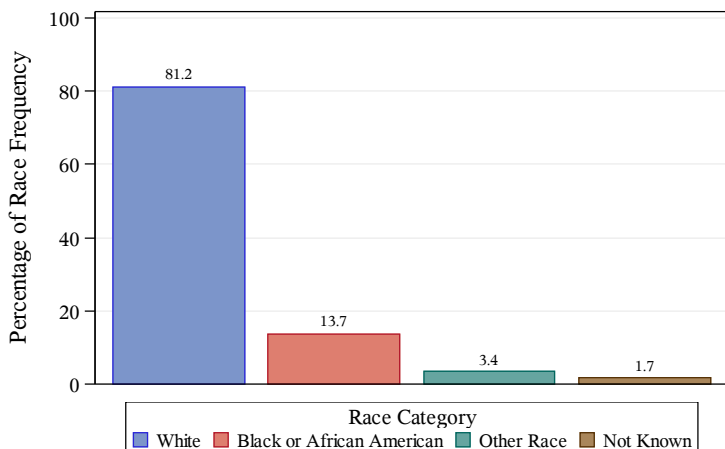
Motorcycle  
December 2017 to November 2018



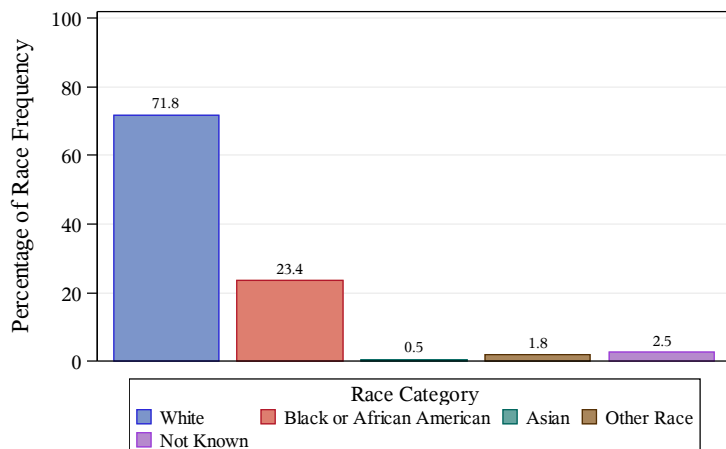
Automobile  
December 2017 to November 2018



Bicyclist  
December 2017 to November 2018

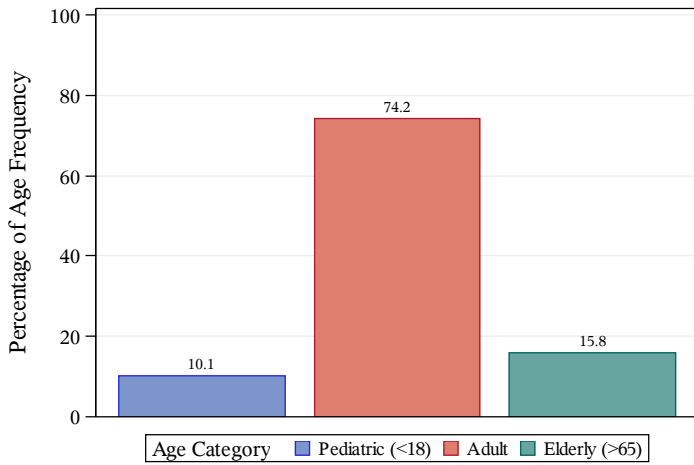


Pedestrian  
December 2017 to November 2018

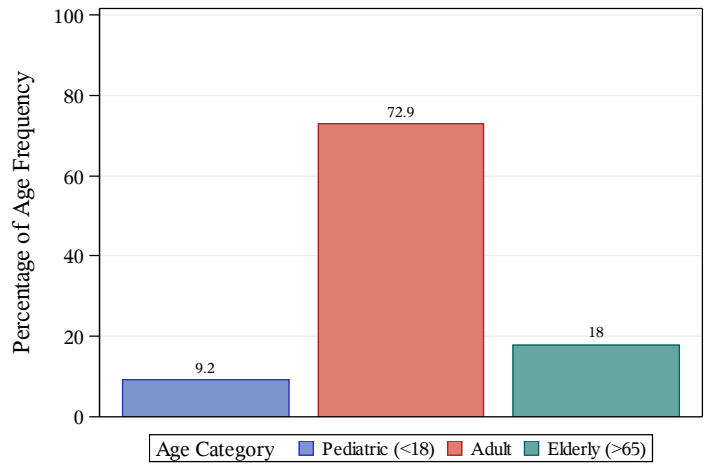


Age- Motor Vehicle Collision

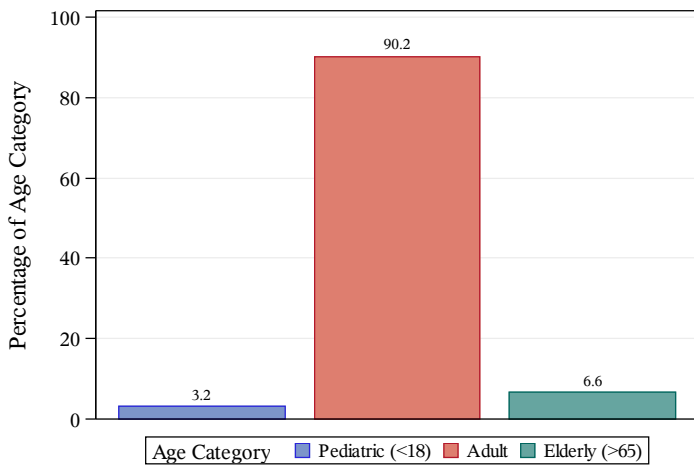
2017



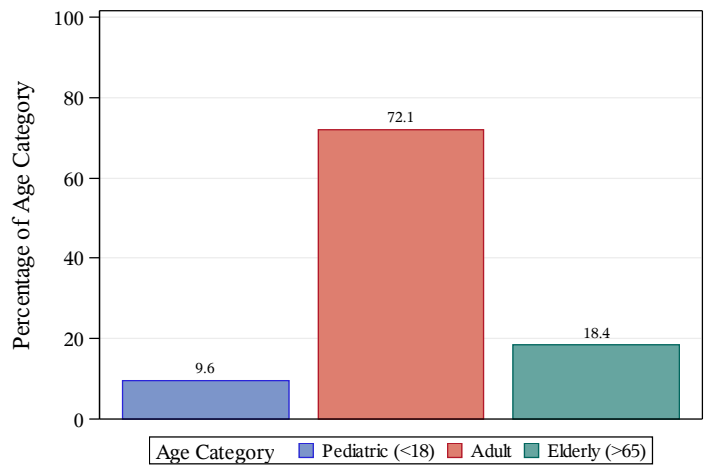
December 2017 to November 2018



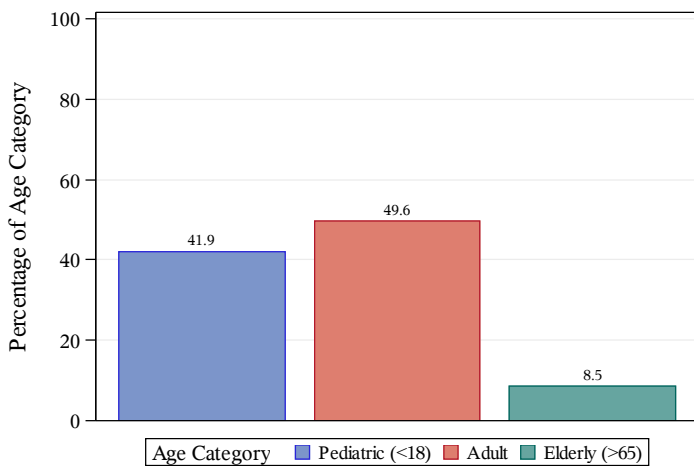
Motorcycle  
December 2017 to November 2018



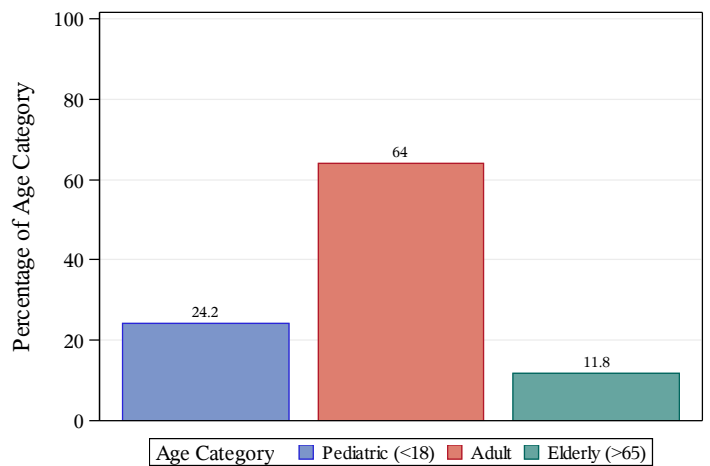
Automobile  
December 2017 to November 2018



Bicyclist  
December 2017 to November 2018



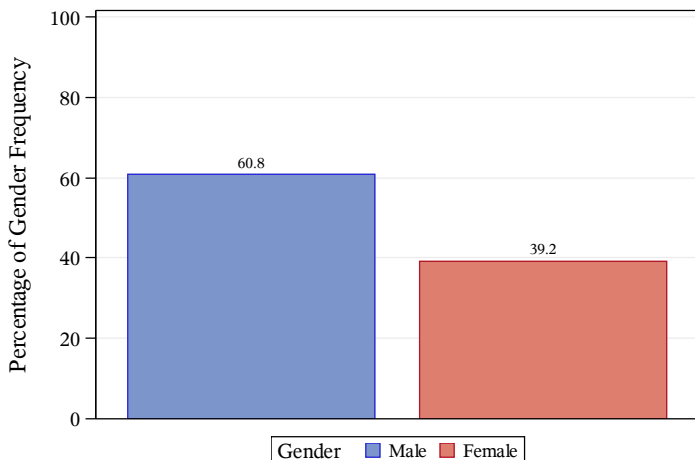
Pedestrian  
December 2017 to November 2018



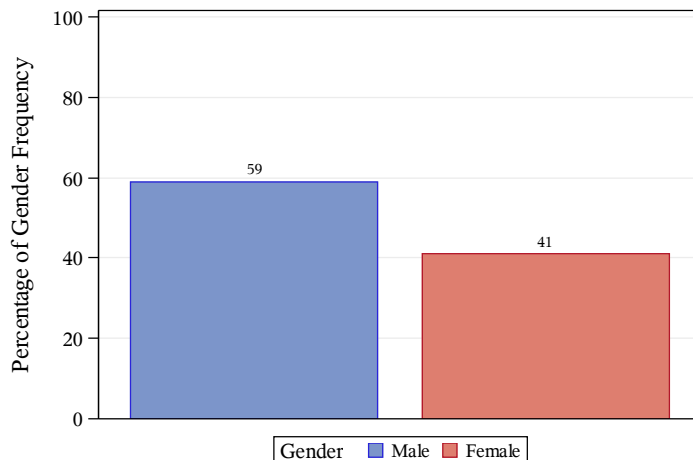


Gender- Motor Vehicle Collision

2017

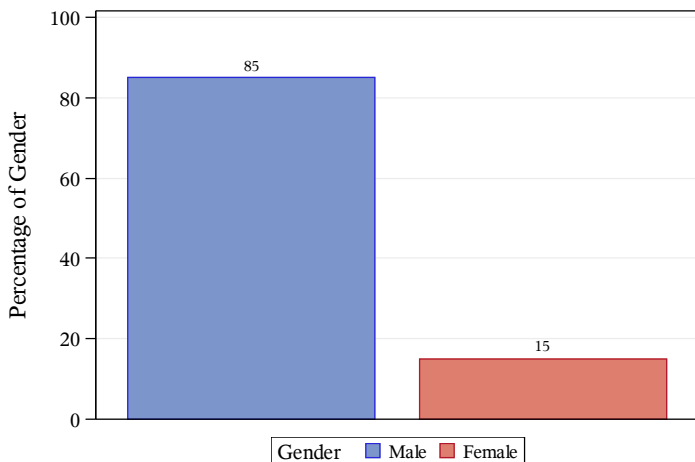


December 2017 to November 2018



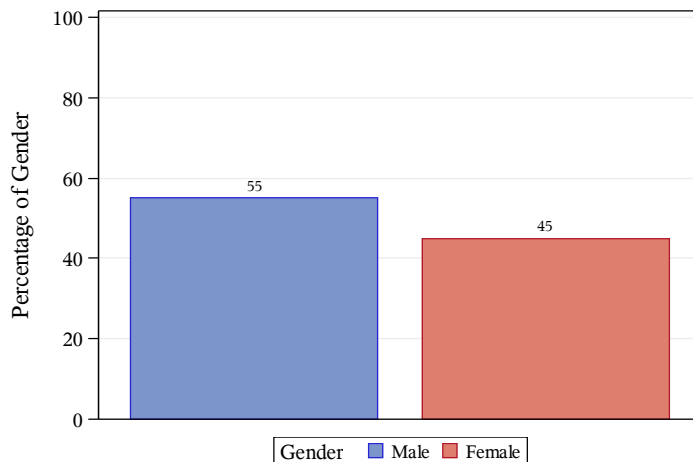
Motorcycle

December 2017 to November 2018



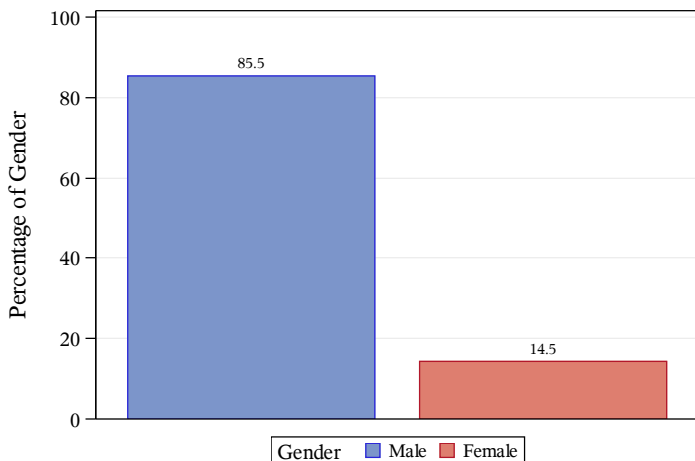
Automobile

December 2017 to November 2018



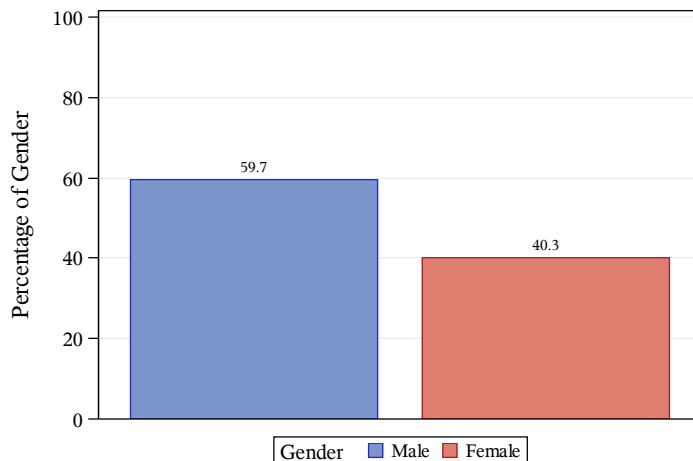
Bicyclist

December 2017 to November 2018



Pedestrian

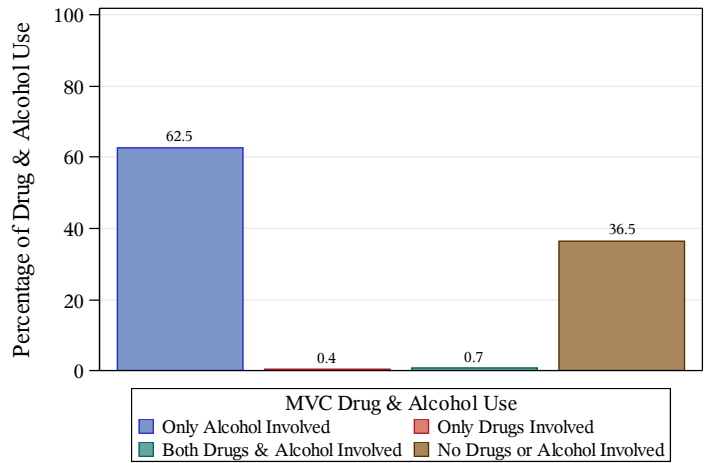
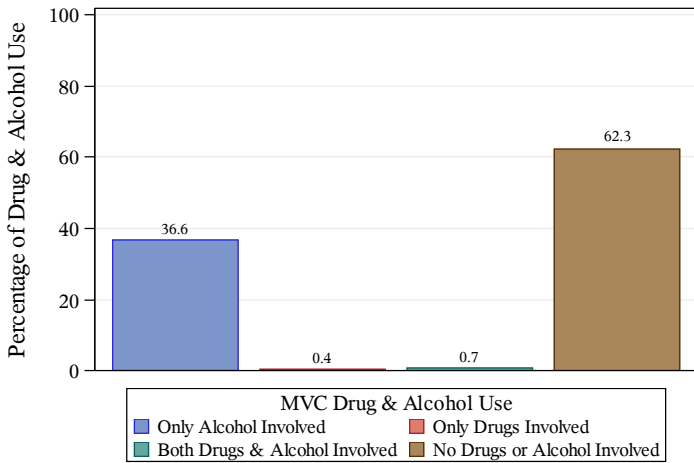
December 2017 to November 2018



Drug & Alcohol Use- Motor Vehicle Collision

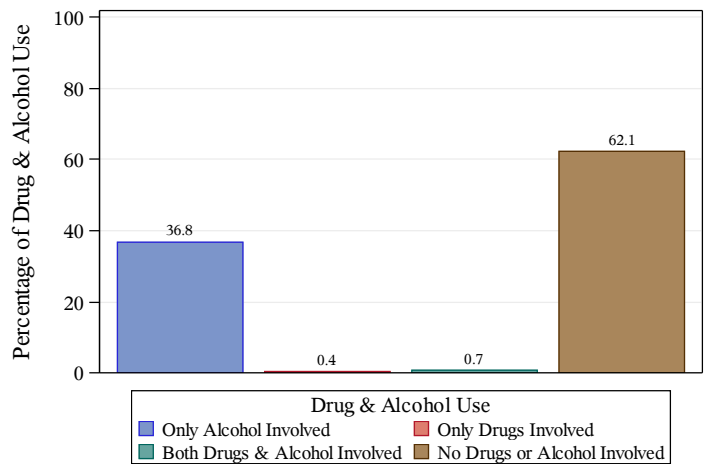
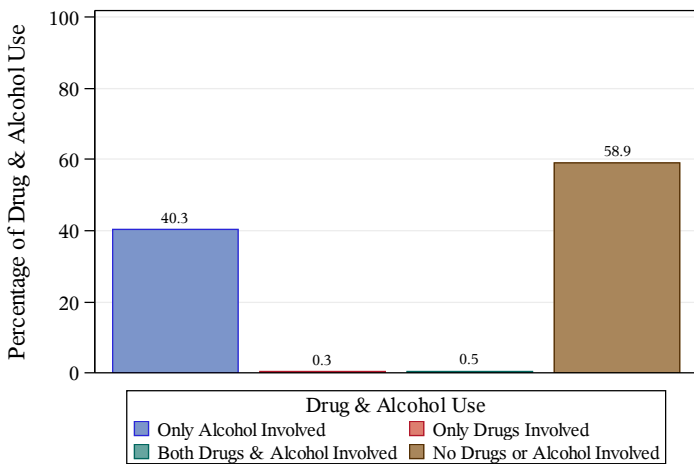
2017

December 2017 to November 2018



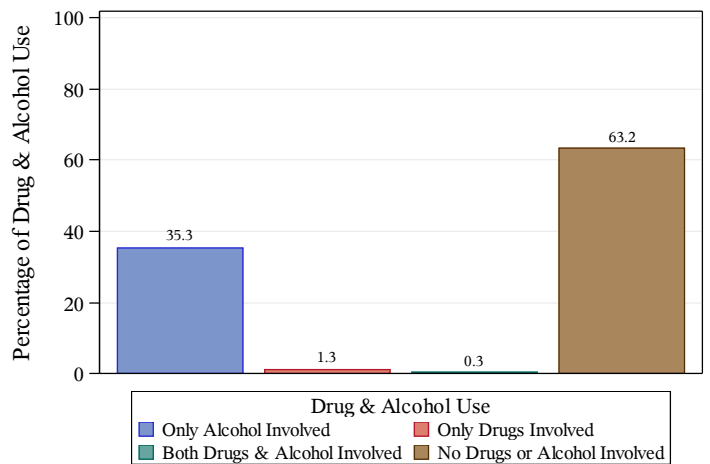
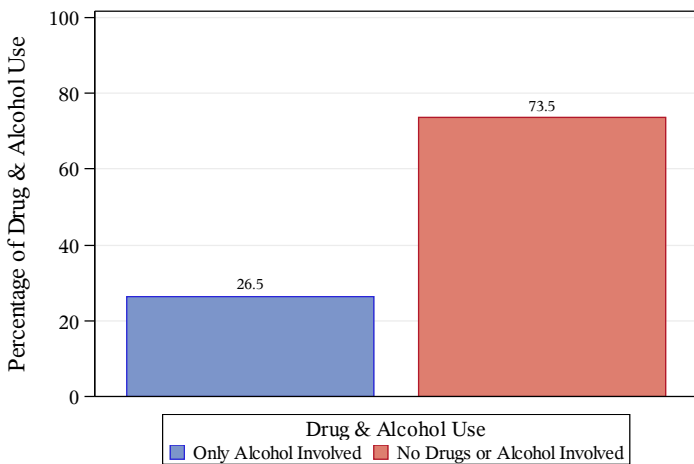
Motorcycle  
December 2017 to November 2018

Automobile  
December 2017 to November 2018



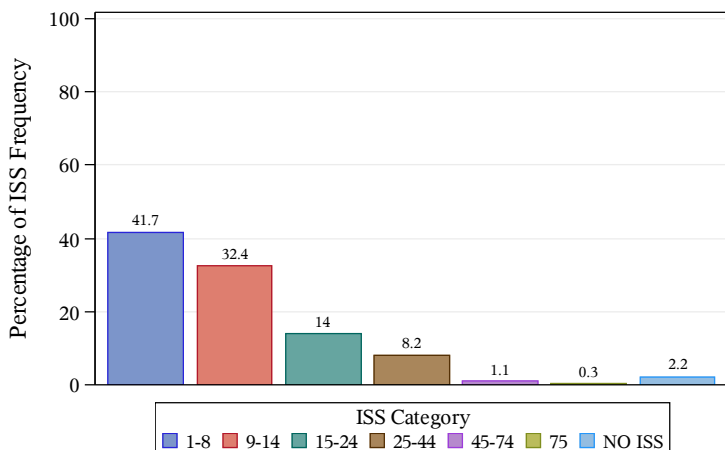
Bicyclist  
December 2017 to November 2018

Pedestrian  
December 2017 to November 2018

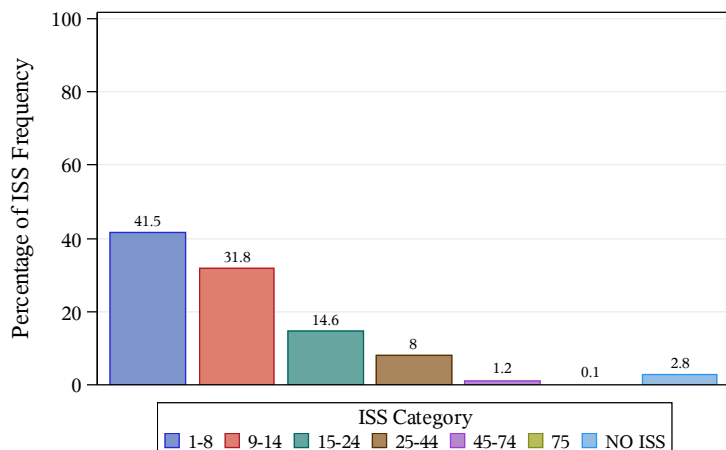


Injury Severity Score- Motor Vehicle Collision

2017

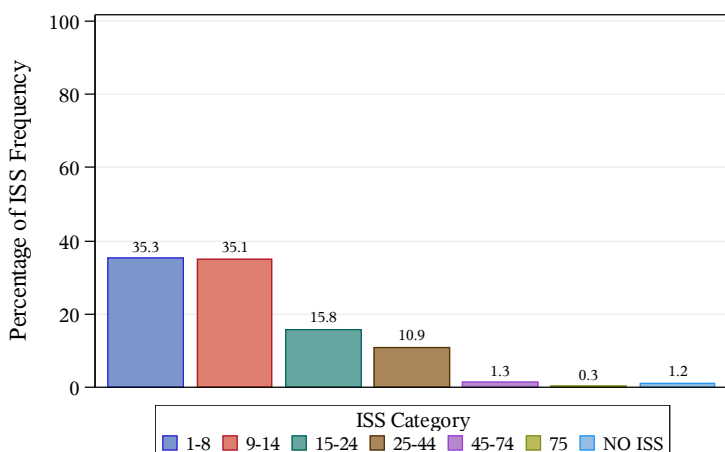


December 2017 to November 2018



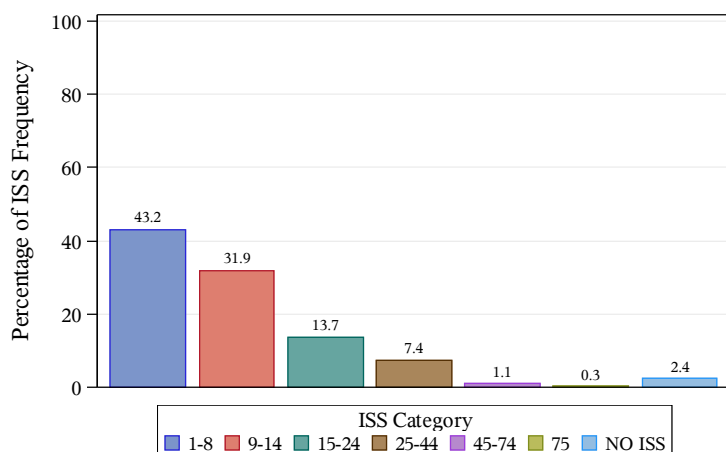
Motorcycle

December 2017 to November 2018



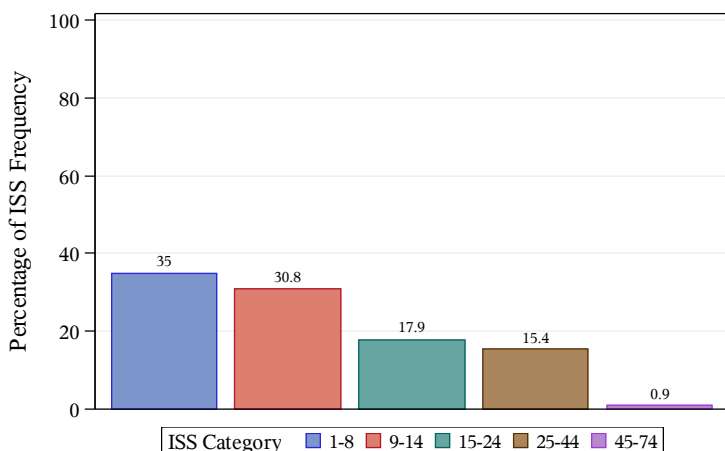
Automobile

December 2017 to November 2018



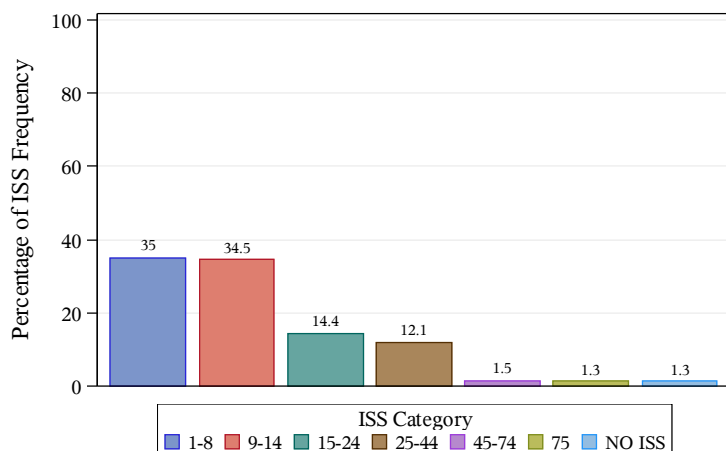
Bicyclist

December 2017 to November 2018



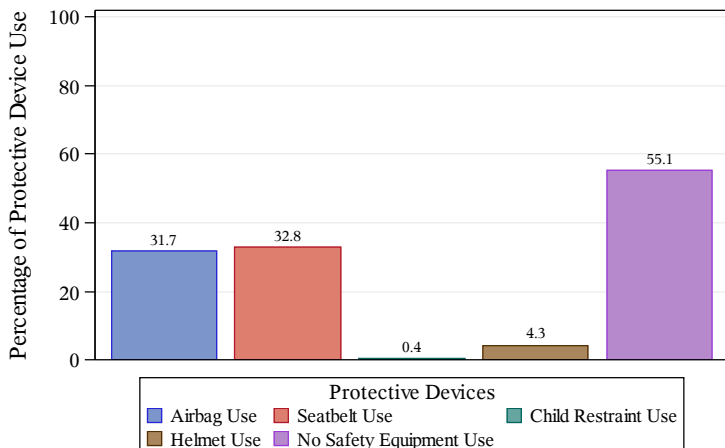
Pedestrian

December 2017 to November 2018

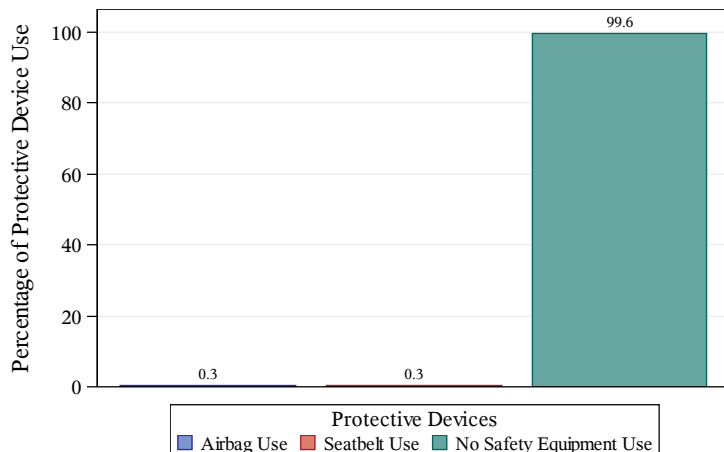


Protective Devices- Motor Vehicle Collision

2017

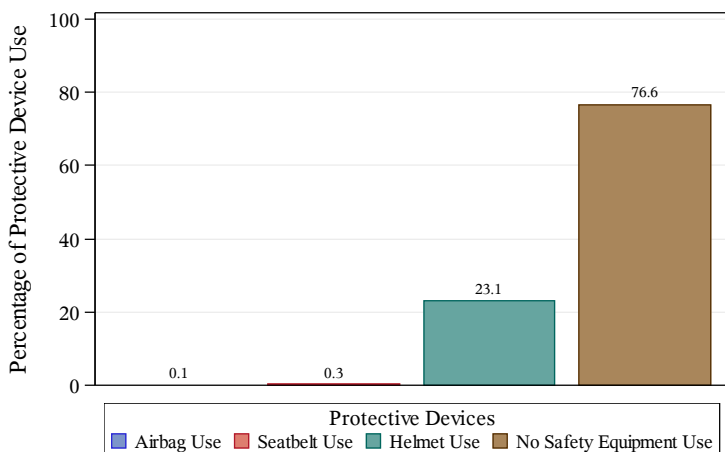


December 2017 to November 2018



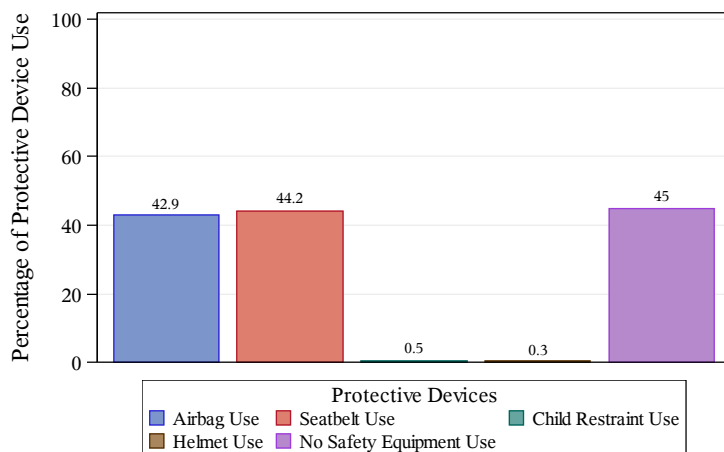
Motorcycle

December 2017 to November 2018



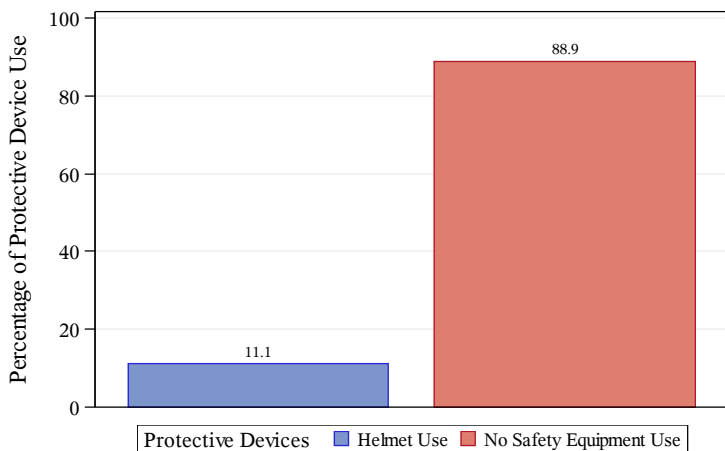
Automobile

December 2017 to November 2018



Bicyclist

December 2017 to November 2018



Pedestrian

December 2017 to November 2018

