

\*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\*

September 3rd Ramzi Nimry (Statewide Trauma System Development and Training Manager) attended the District 2 Trauma Regional Advisory Council (TRAC) at St. Joseph Medical Center-Plymouth in Plymouth.

September 4th Ramzi Nimry (Statewide Trauma System Development and Training Manager) attended the Stroke Consortium of Indiana in Fort Wayne.

September 5th Ramzi Nimry (Statewide Trauma System Development and Training Manager) attended and presented at the District 8 Trauma Regional Advisory Committee (TRAC) at IU Health-Bedford in Bedford.

September 16th Ramzi Nimry (Statewide Trauma System Development and Training Manager) attended and participated in the Pediatric Emergency Care Coordinator (PECC) Advisory Board meeting in Indianapolis.

September 16th Ramzi Nimry (Statewide Trauma System Development and Training Manager) and Katie Hokanson (Director) attended and presented to the District 7 Wabash Valley Trauma Advisory Committee (WAV-TAC) via webcast.

September 18th Ramzi Nimry (Statewide Trauma System Development and Training Manager) attended and presented at the District 5 Trauma Advisory Committee (TAC) at Indianapolis EMS in Indianapolis.

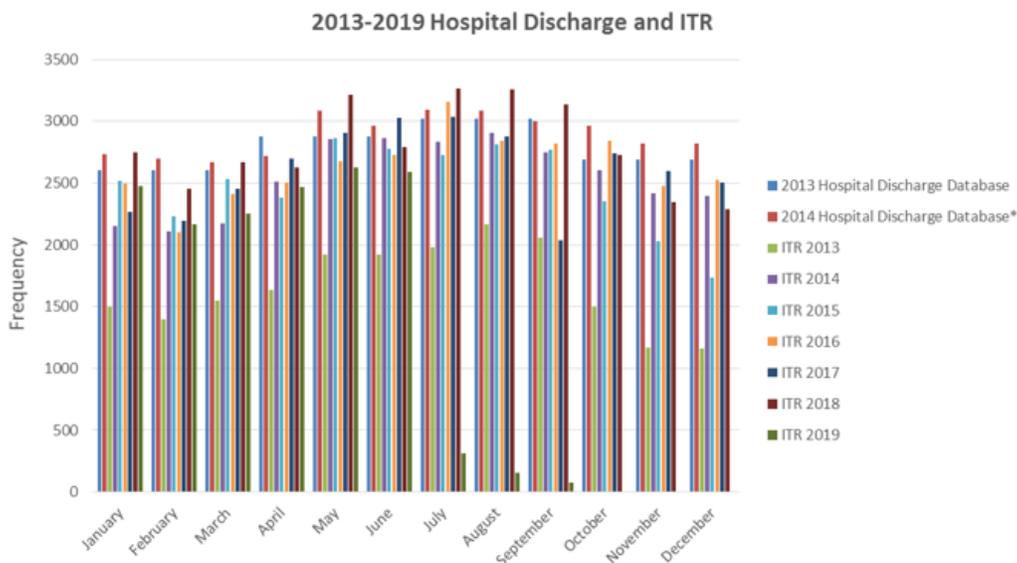
September 20th Ramzi Nimry (Statewide Trauma System Development and Training Manager) attended and presented at the ISDH/IDHS Operation: Force Multiplier tour with IDHS, Indiana National Guard and ISDH in Fort Wayne.

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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).

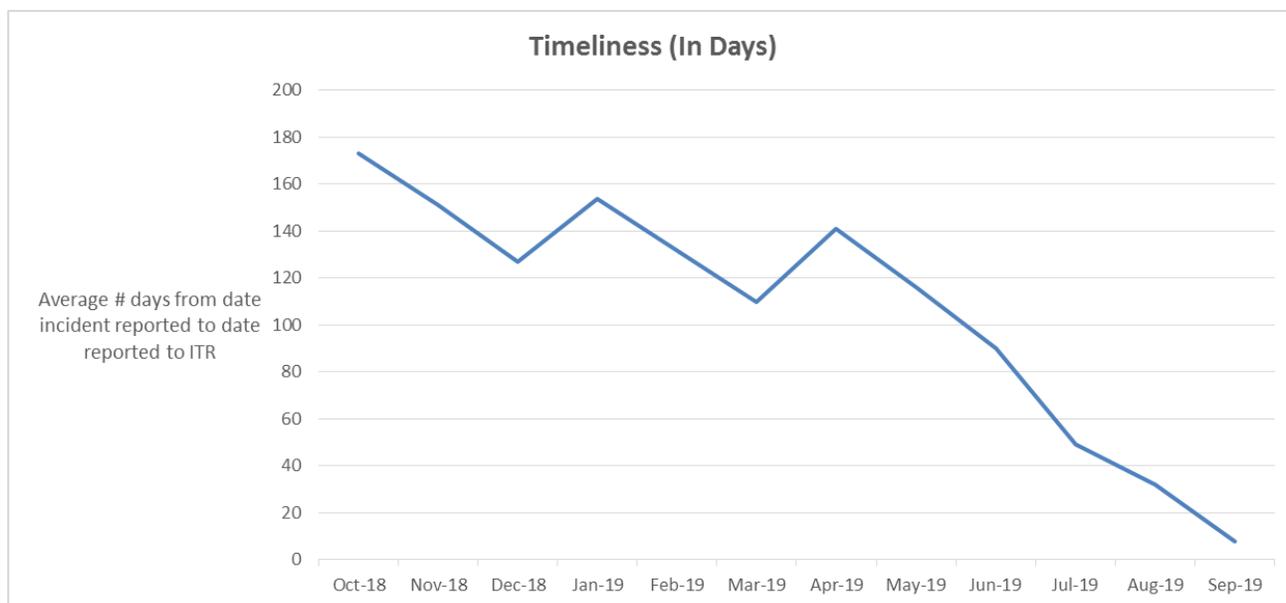
## Completeness

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

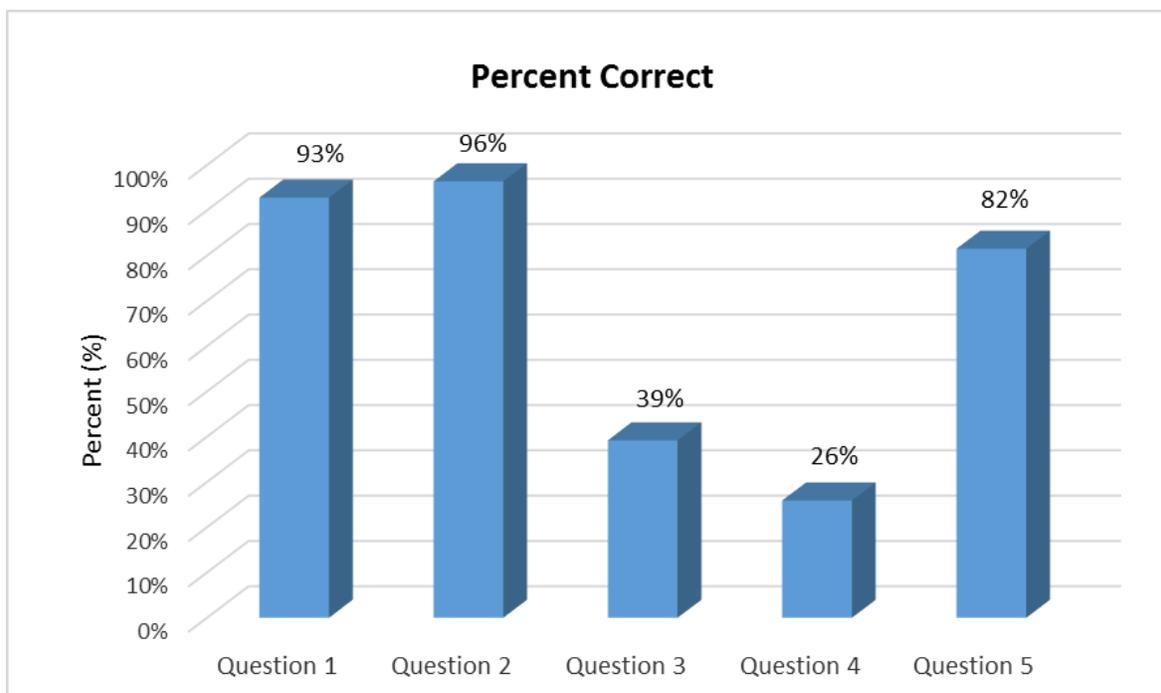
Timeliness increases as facilities wait until the data submission deadline to submit data to the ITR. Hospitals are asked to report data on the national trauma (TQIP) reporting schedule. The average timeliness in the past year was 106 days.



## Uniformity

In September we sent out the sixty-first monthly quiz for the inter-rater reliability study. There were 28 participants from 26 (21% of hospitals with EDs in Indiana) hospitals who completed the quiz. The percent correct was 67% and the free-marginal kappa was 0.42.

Activities to improve the uniformity of data include trauma registrar training throughout the state and at the Indiana State Department of Health.



## Integration

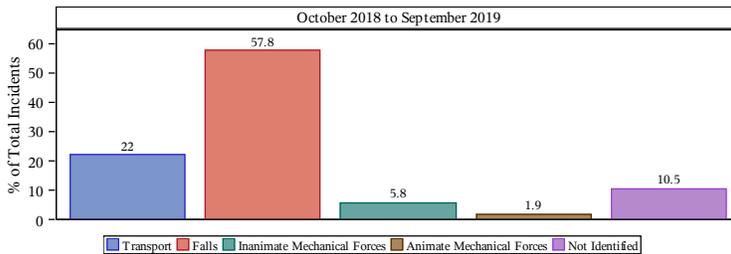
The number of linked EMS to trauma cases was 1,639 for Q3 2018 data. Trauma data are due on a quarterly basis.

## Accessibility

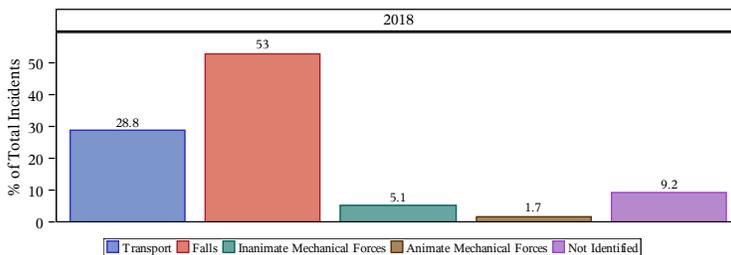
There were two aggregate requests (10 days on average) in September. There were no self-reports or identifiable data requests.

Cause of Injury (COI)

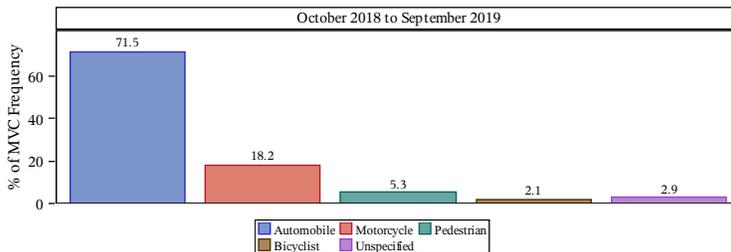
Cause of Injury (COI)



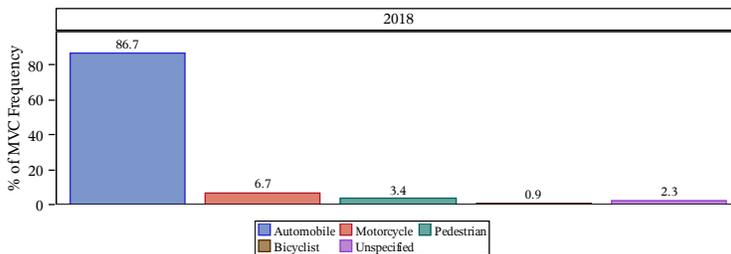
Cause of Injury (COI)



COI-Motor Vehicle Collision (MVC)

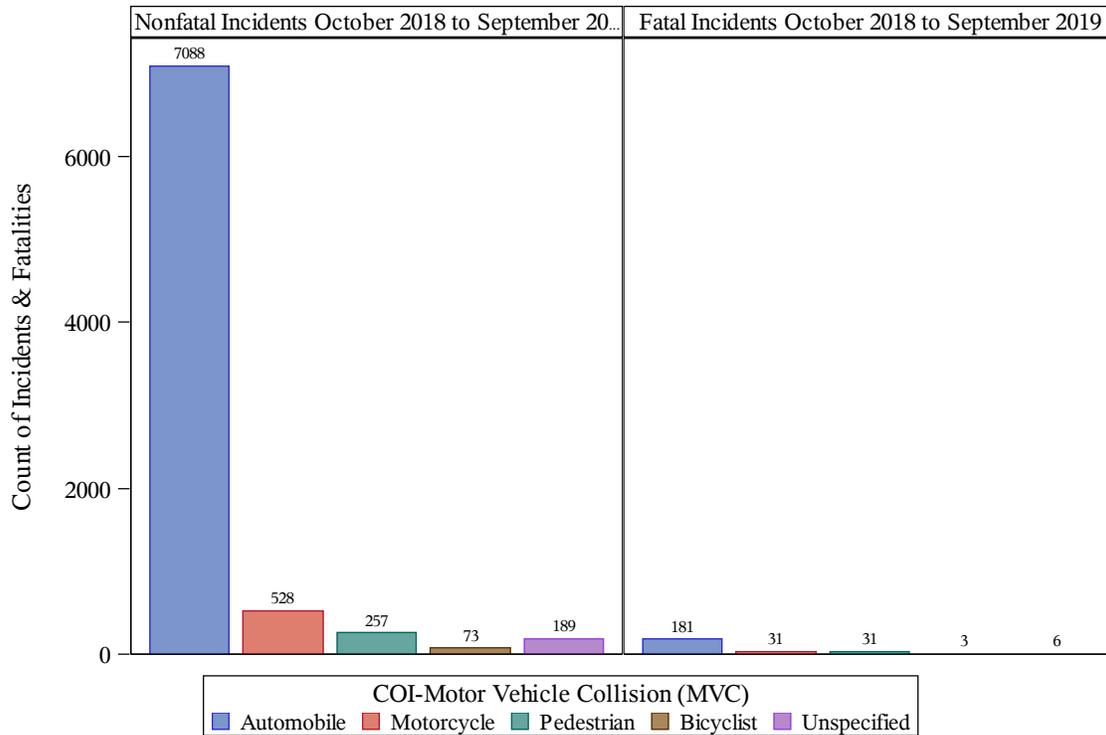
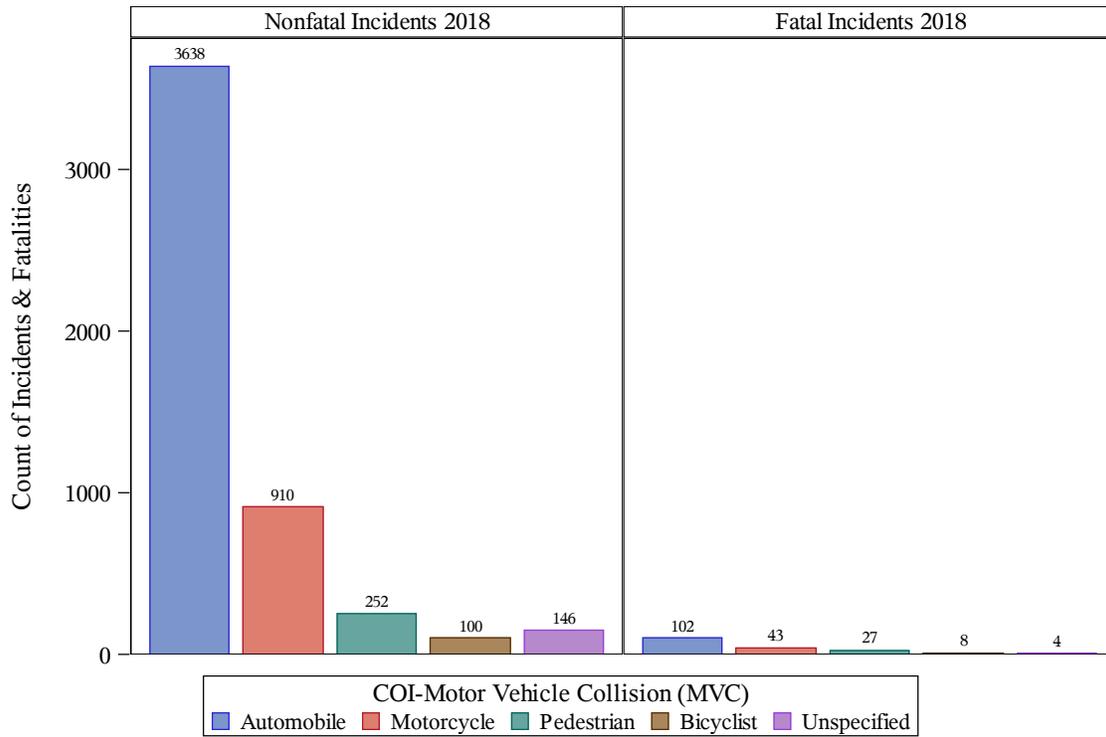


COI-Motor Vehicle Collision (MVC)

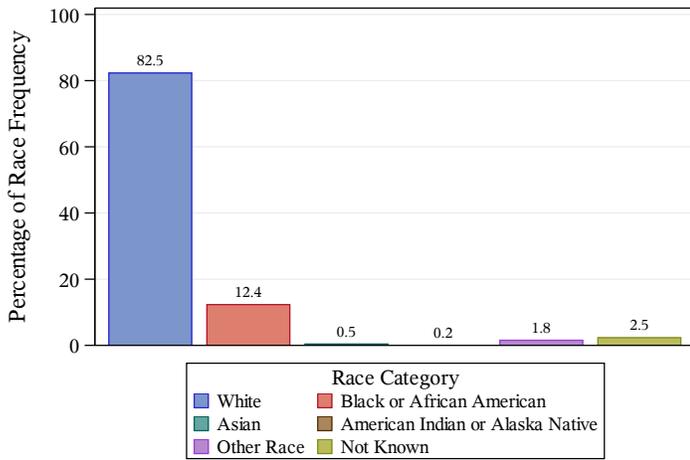


**Motor Vehicle Collision**

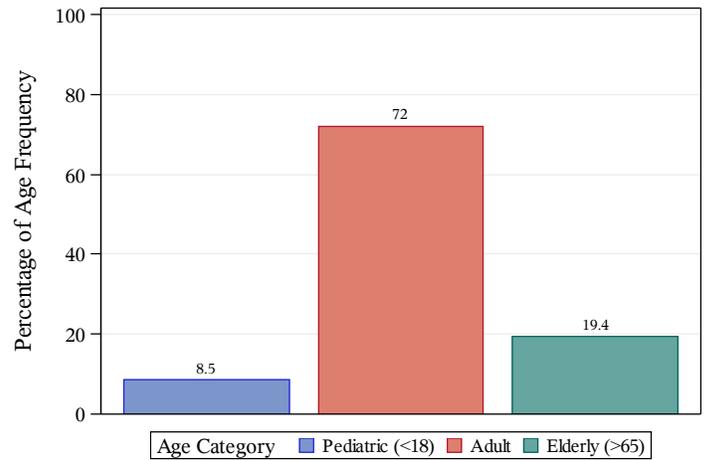
**COI-MVC Nonfatal Incidents and Fatal Incidents**



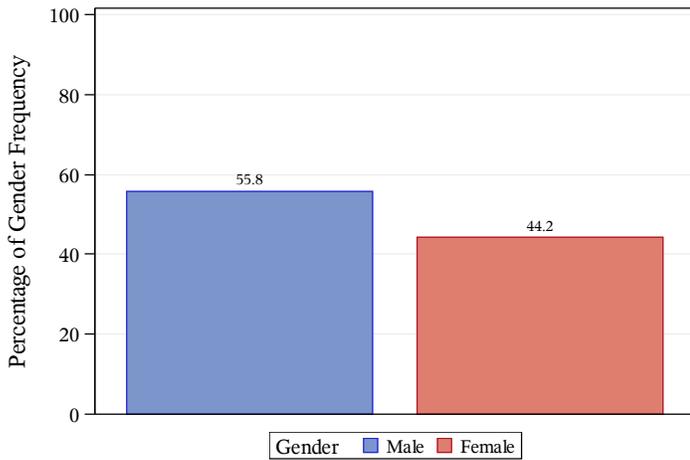
### Race



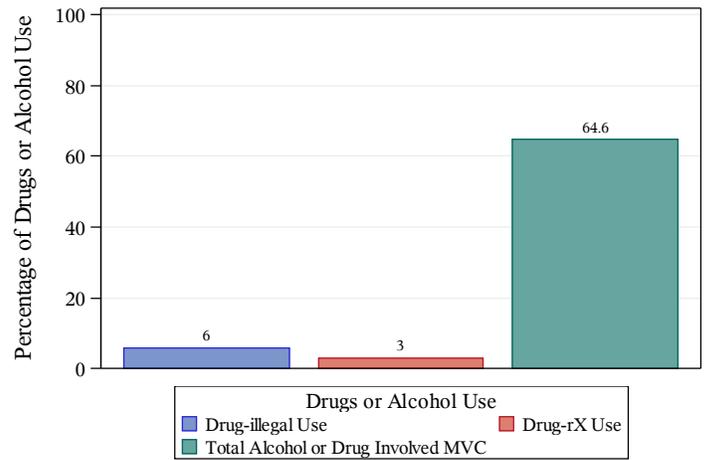
### Age



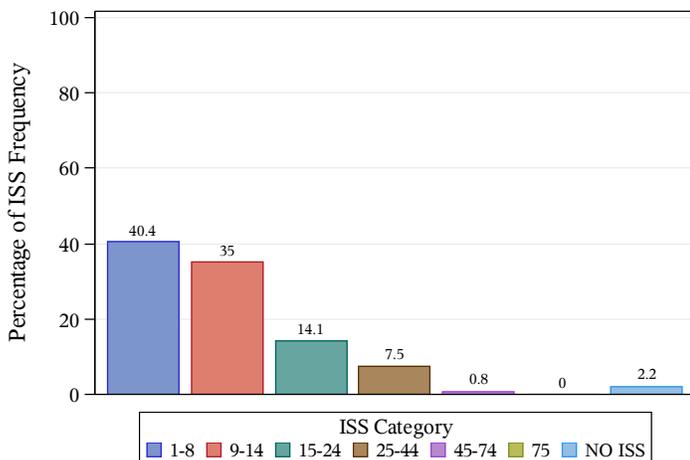
### Gender



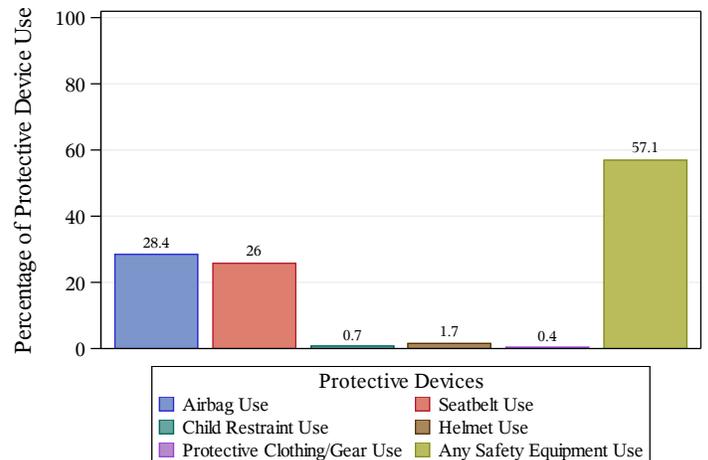
### Drug & Alcohol Use



### Injury Severity Score



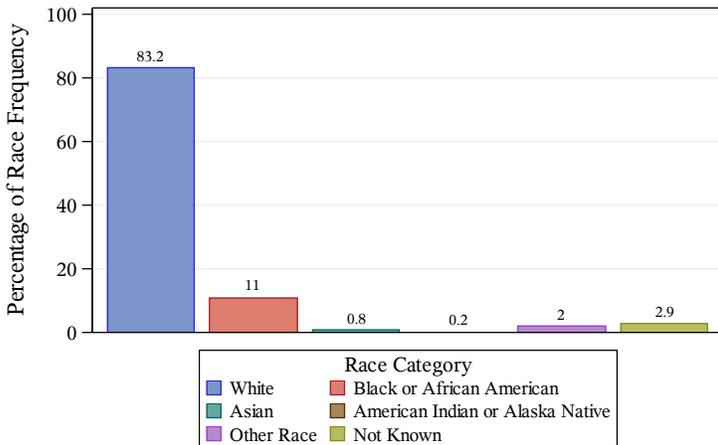
### Protective Devices



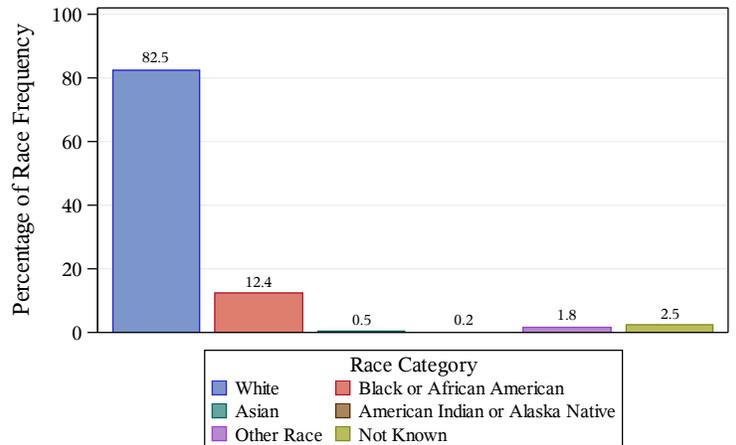
Injury Severity Score (ISS) is a measure of how bad the injury is. Scores over 15 are considered major trauma. A score of 75 is considered not survivable.

Race- Motor Vehicle Collision

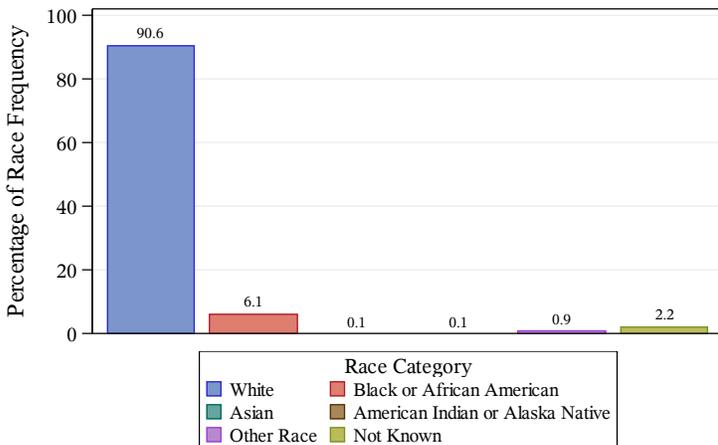
2018



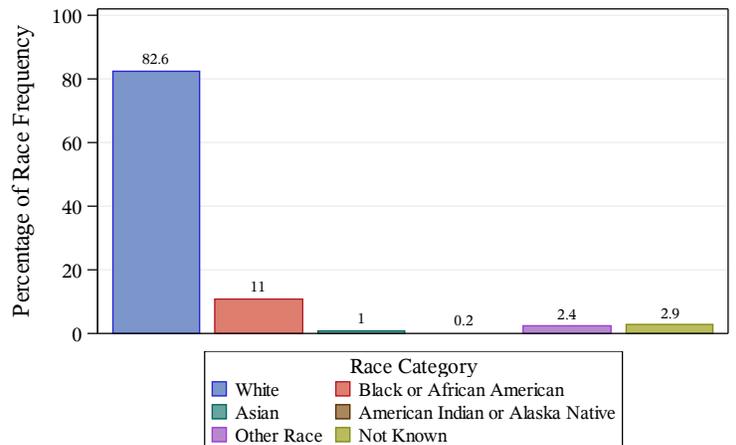
October 2018 to September 2019



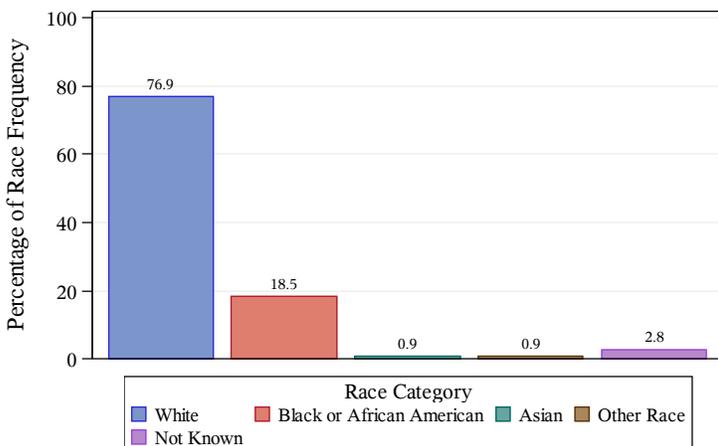
Motorcycle  
October 2018 to September 2019



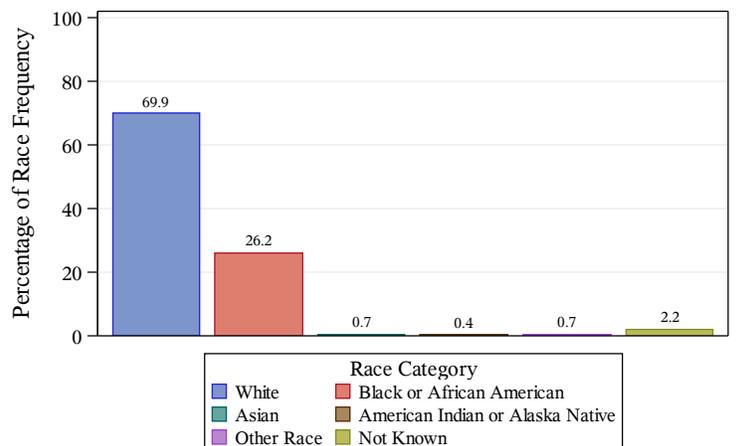
Automobile  
October 2018 to September 2019



Bicyclist  
October 2018 to September 2019

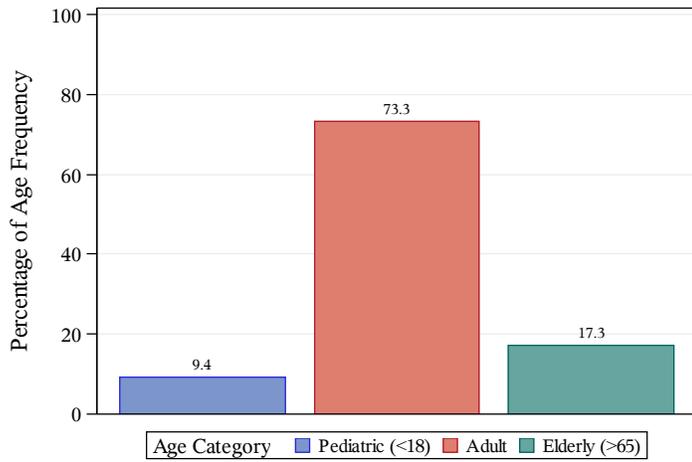


Pedestrian  
October 2018 to September 2019

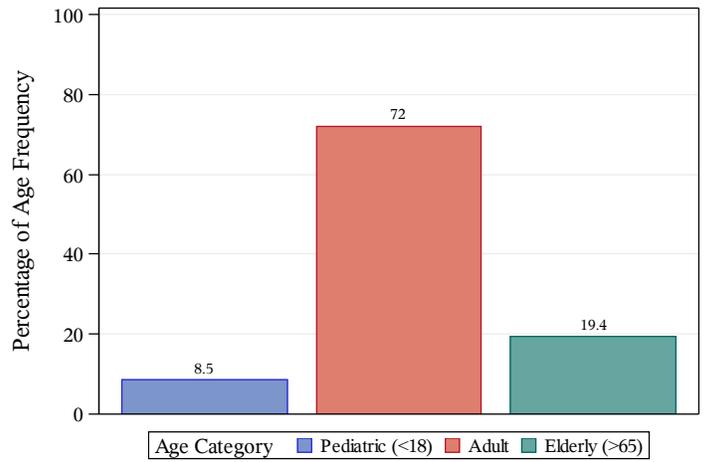


Age- Motor Vehicle Collision

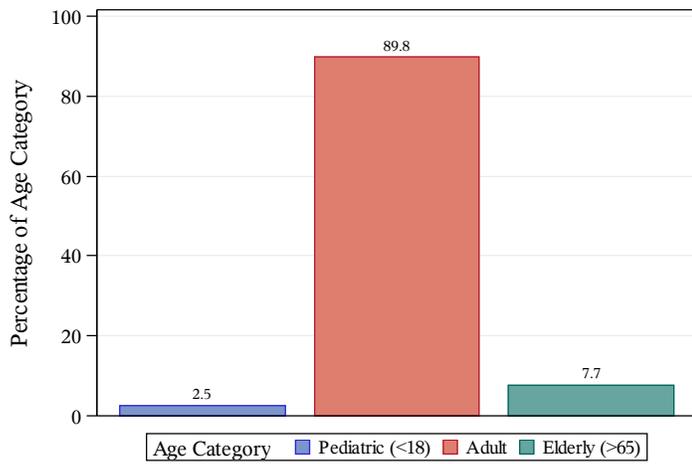
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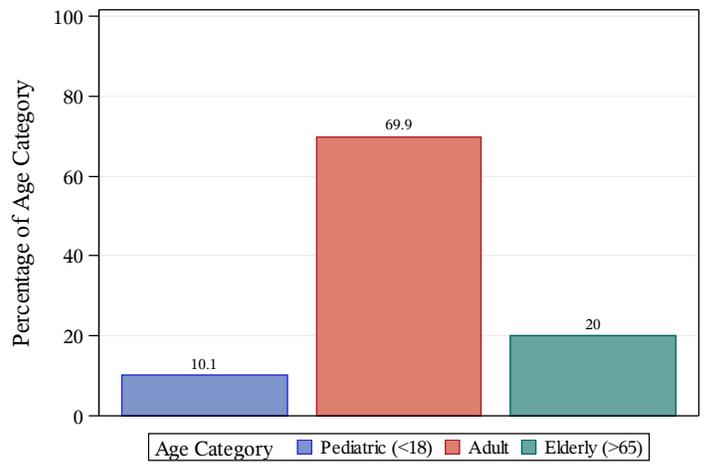
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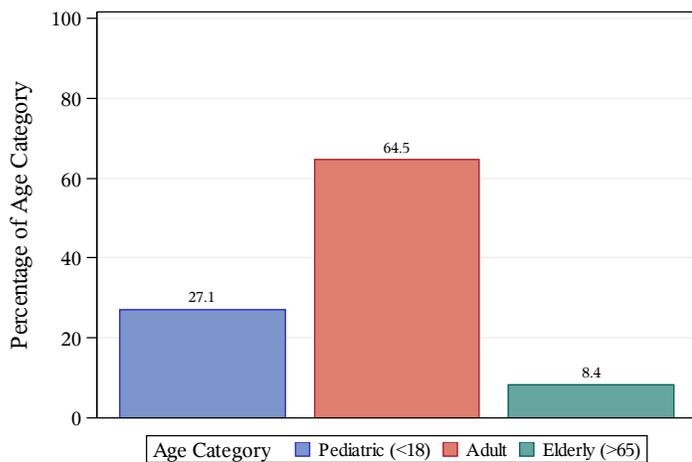
Motorcycle  
October 2018 to September 2019



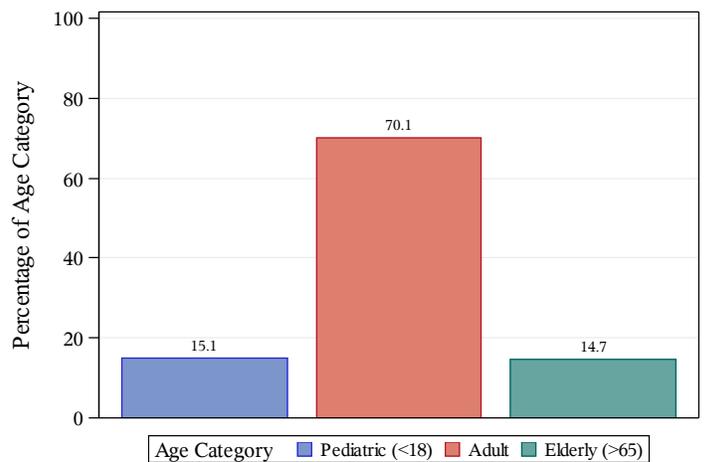
Automobile  
October 2018 to September 2019



Bicyclist  
October 2018 to September 2019

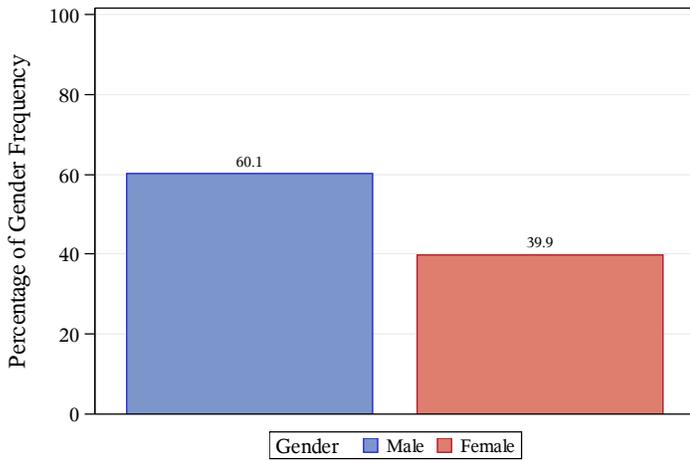


Pedestrian  
October 2018 to September 2019

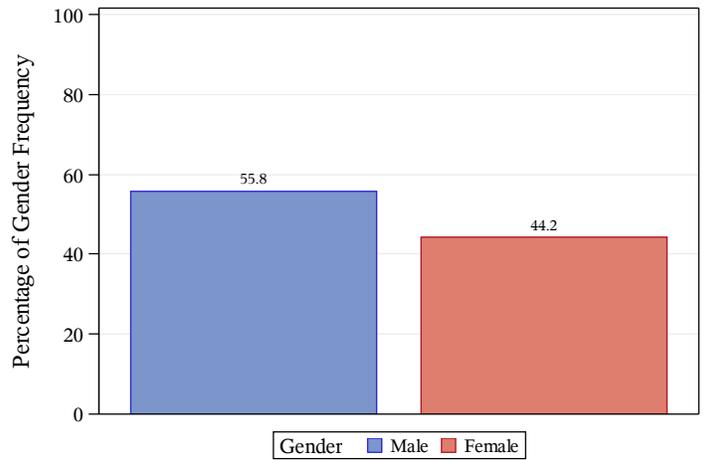


Gender- Motor Vehicle Collision

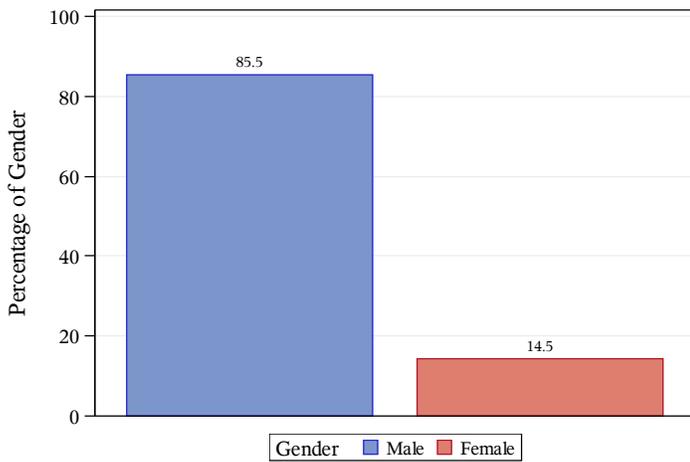
2018



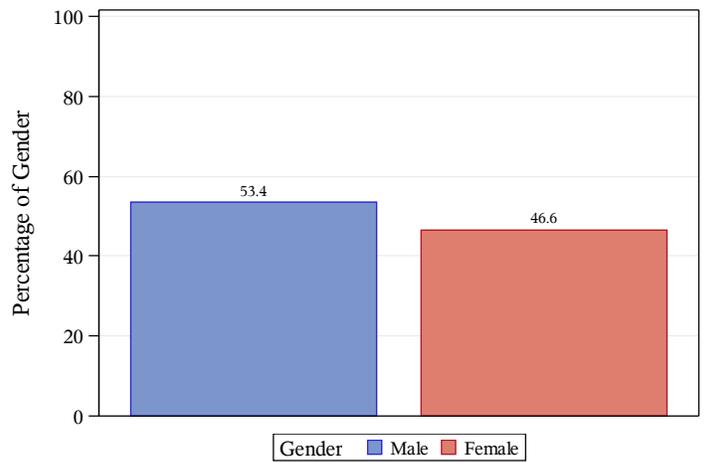
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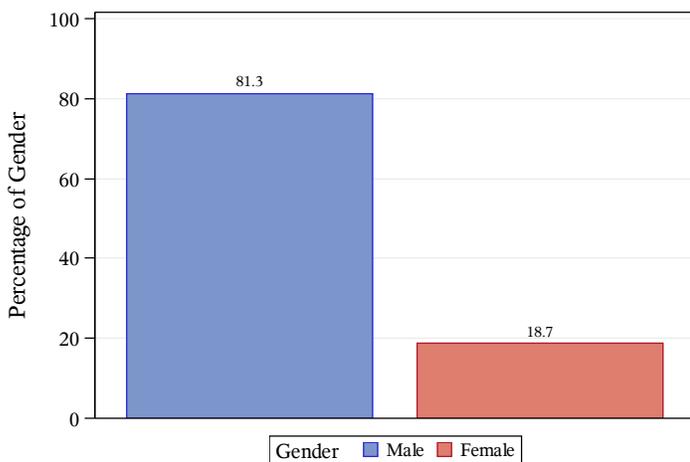
Motorcycle  
October 2018 to September 2019



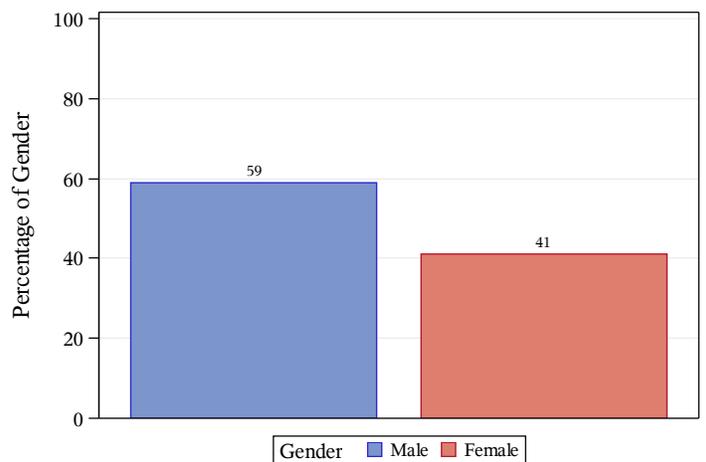
Automobile  
October 2018 to September 2019



Bicyclist  
October 2018 to September 2019

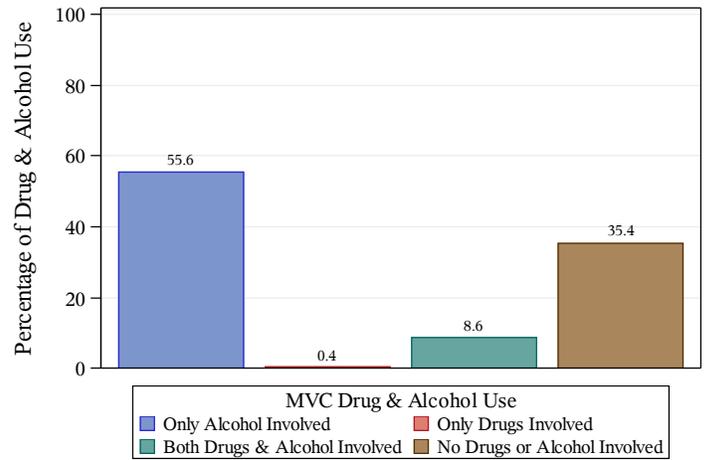
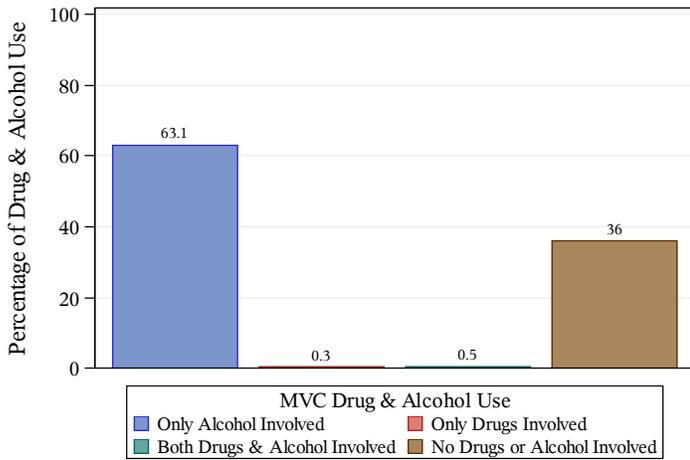


Pedestrian  
October 2018 to September 2019



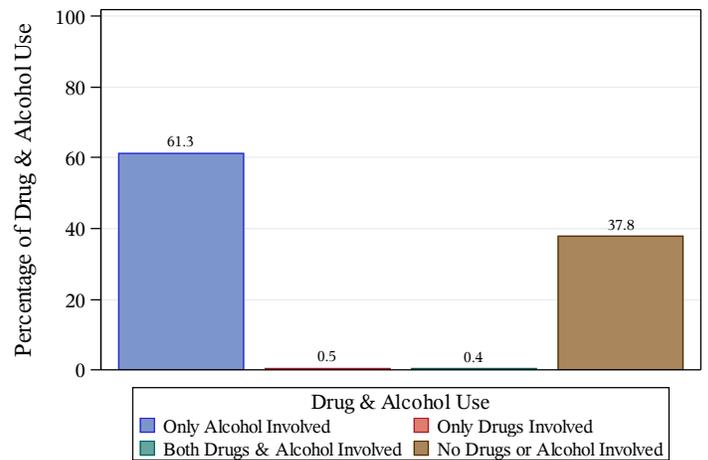
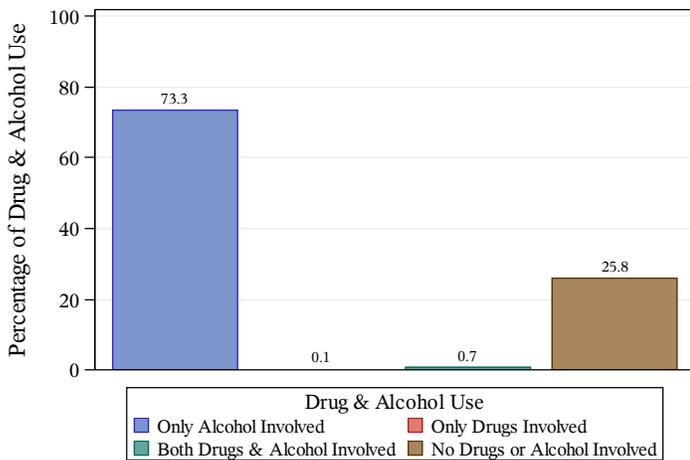
**2018**

**October 2018 to September 2019**



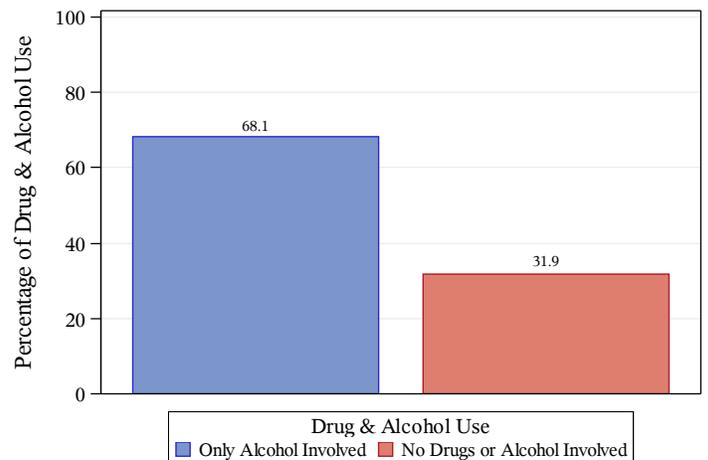
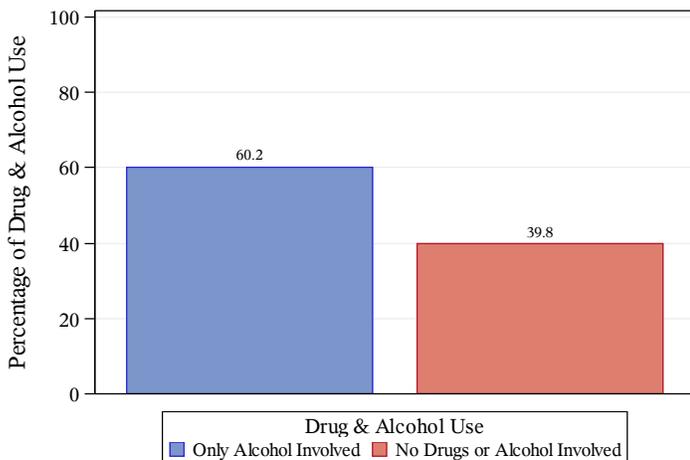
**Motorcycle**  
 October 2018 to September 2019

**Automobile**  
 October 2018 to September 2019

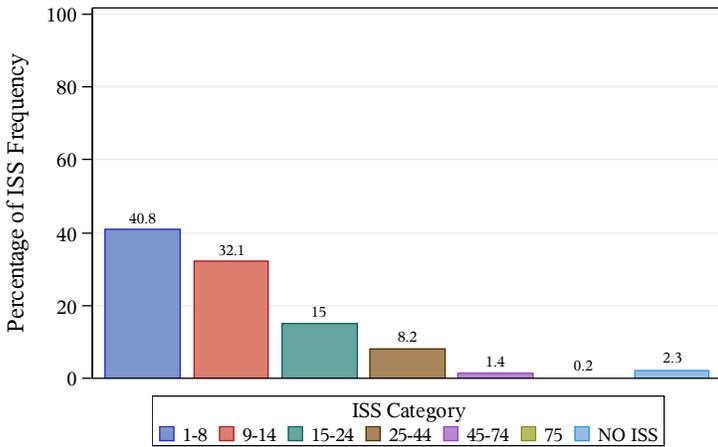


**Bicyclist**  
 October 2018 to September 2019

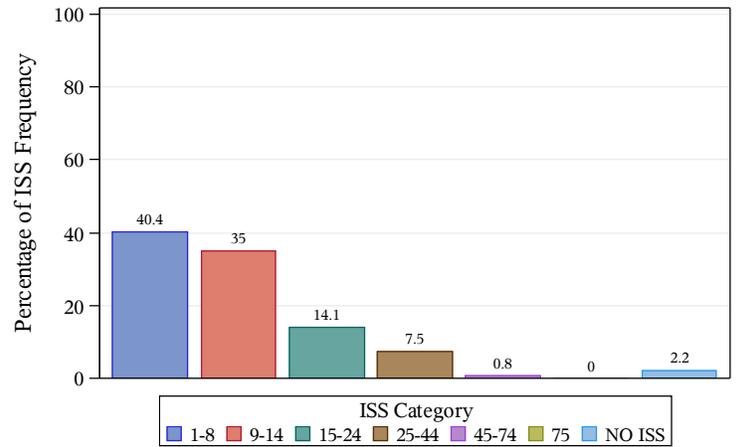
**Pedestrian**  
 October 2018 to September 2019



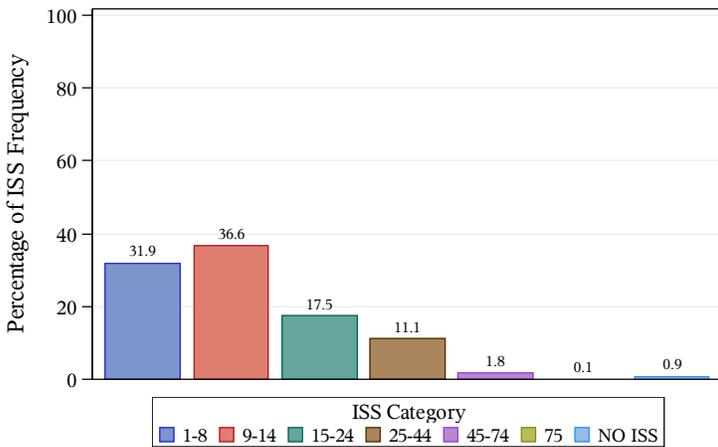
**2018**



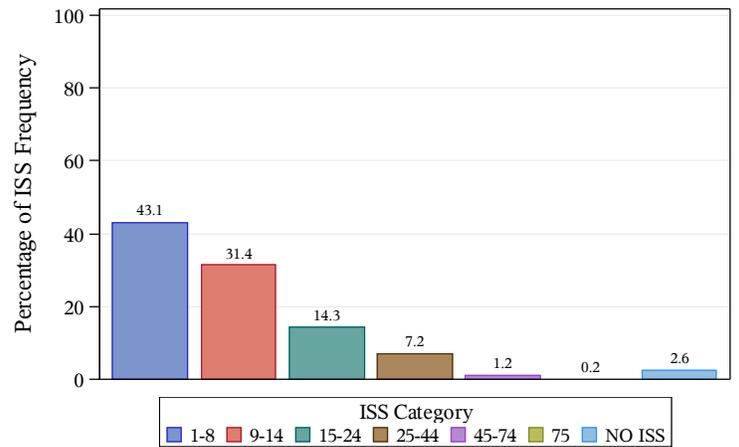
**October 2018 to September 2019**



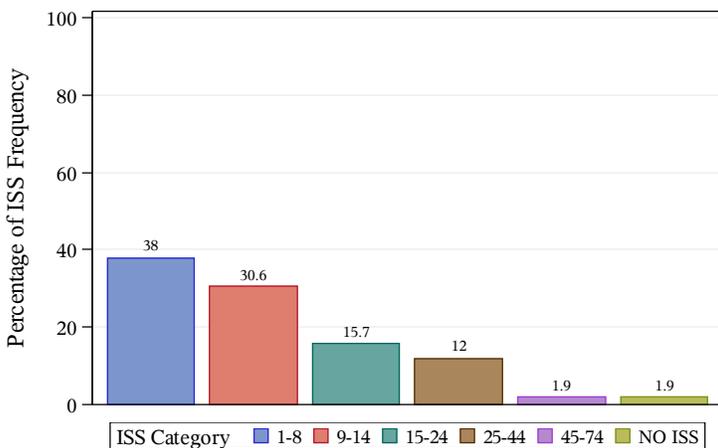
**Motorcycle**  
 October 2018 to September 2019



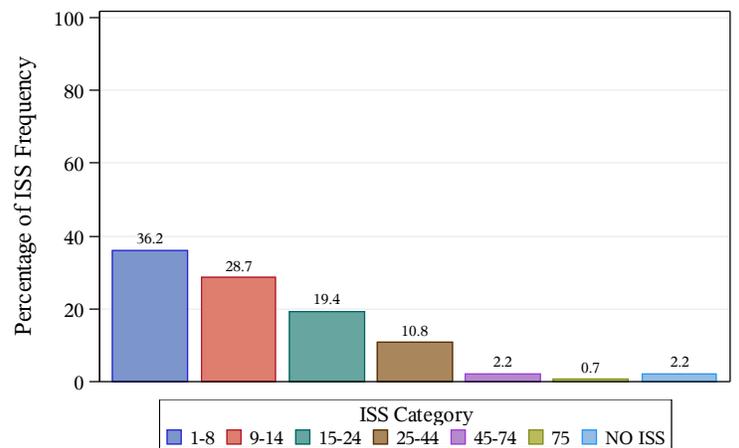
**Automobile**  
 October 2018 to September 2019



**Bicyclist**  
 October 2018 to September 2019

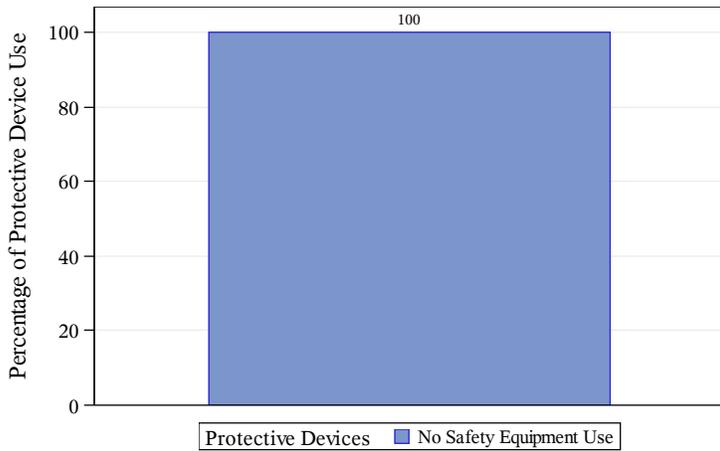


**Pedestrian**  
 October 2018 to September 2019

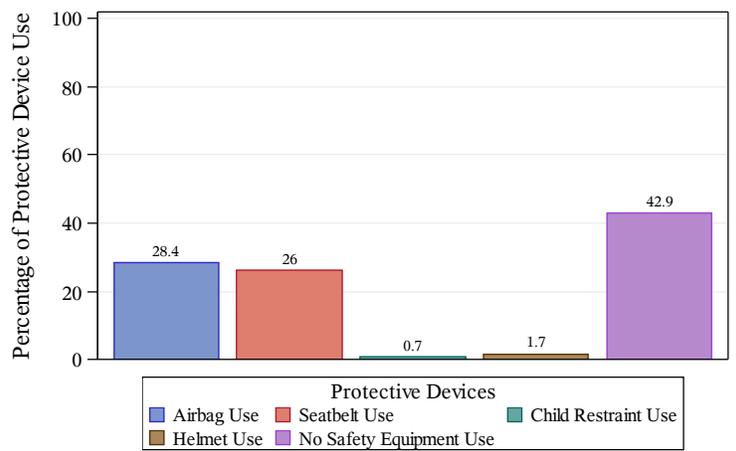


Protective Devices- Motor Vehicle Collision

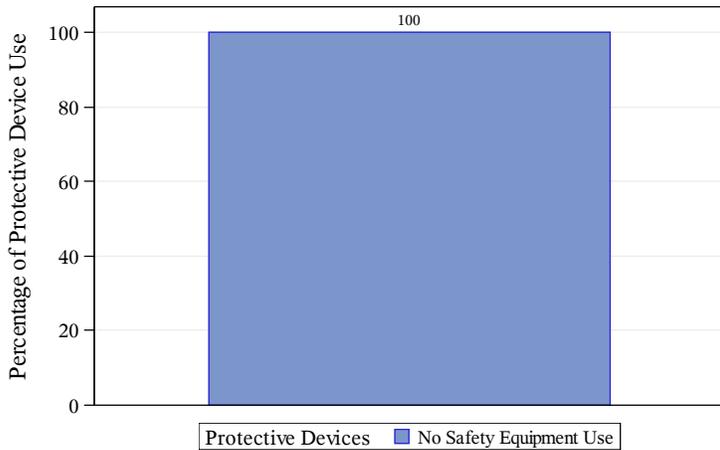
2018



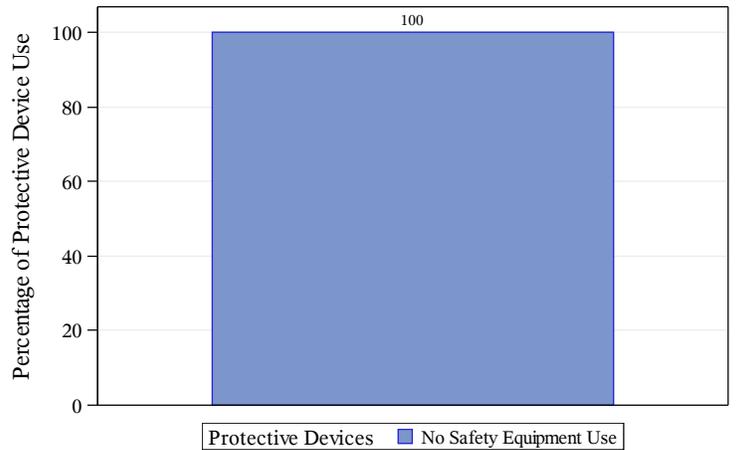
October 2018 to September 2019



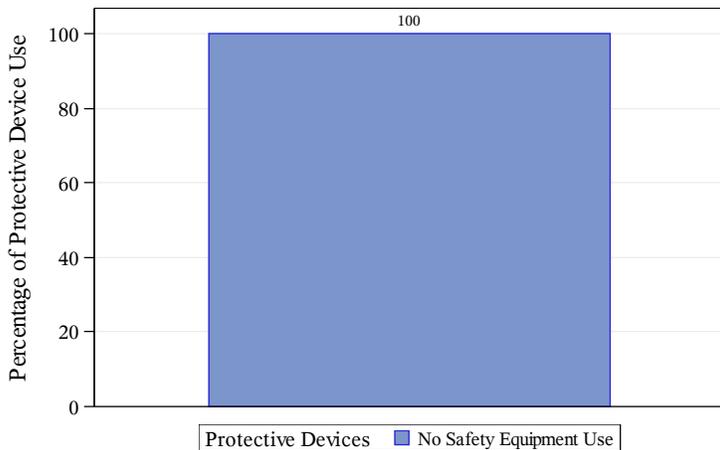
Motorcycle  
October 2018 to September 2019



Automobile  
October 2018 to September 2019



Bicyclist  
October 2018 to September 2019



Pedestrian  
October 2018 to September 2019

