

\*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 August 9, Ramzi Nimry (Statewide Trauma System Development and Training Manager) attended the District 3 TRAC at the Public Safety Academy in Fort Wayne, IN.

On August 16, Ramzi Nimry (Statewide Trauma System Development and Training Manager) attended the ISDH/IDHS Regional Meeting in Seymour, IN.

On August 17, Ramzi Nimry (Statewide Trauma System Development and Training Manager) attended the Indiana State Trauma Care Committee and the Indiana Trauma Network.

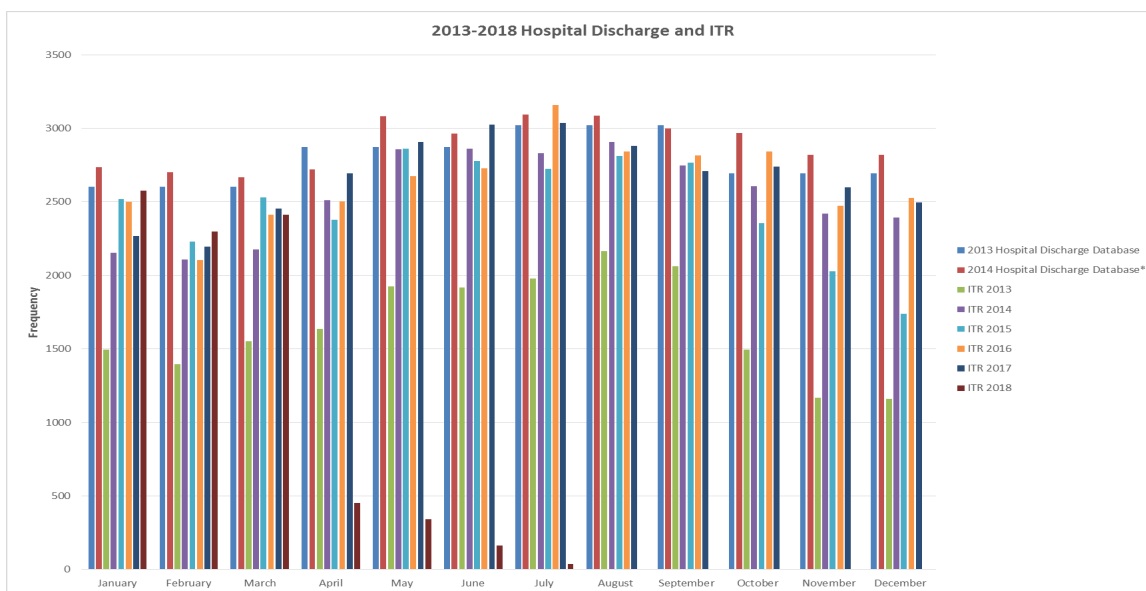
On August 27, Ramzi Nimry (Statewide Trauma System Development and Training Manager) attended and presented at the Association of State and Territorial Health Officers (ASTHO) meeting at ISDH.

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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).

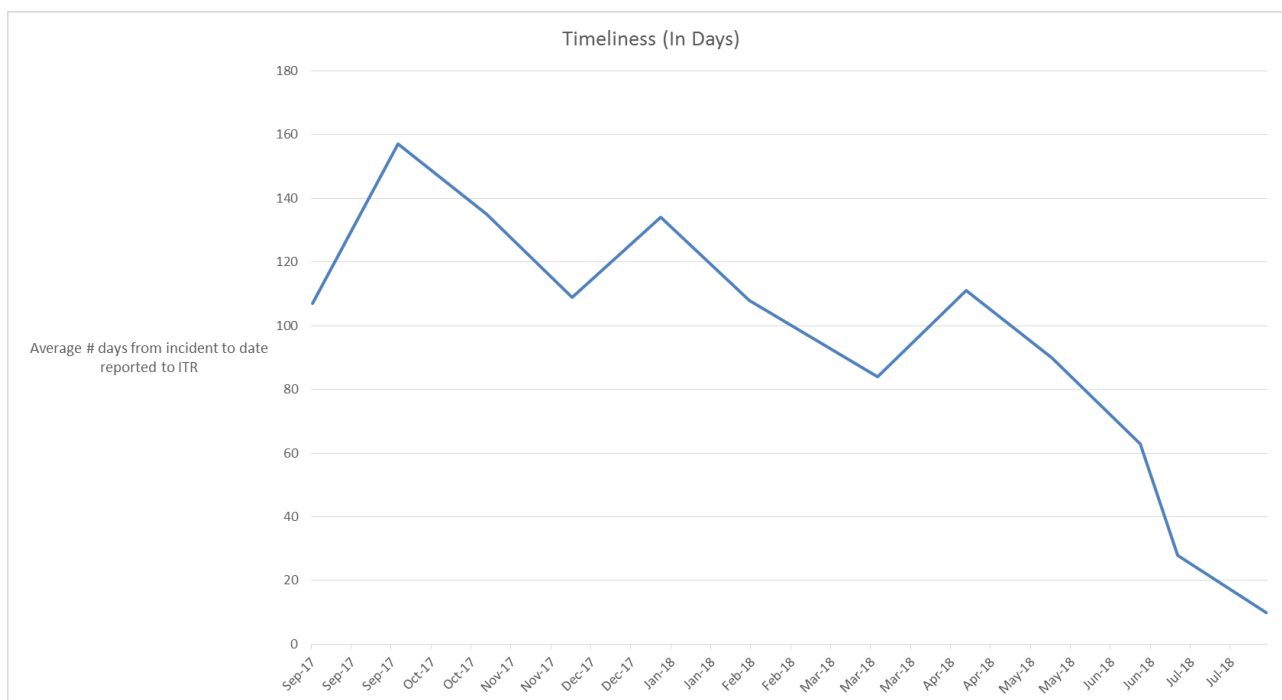
## Completeness

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 52% complete.



## Timeliness

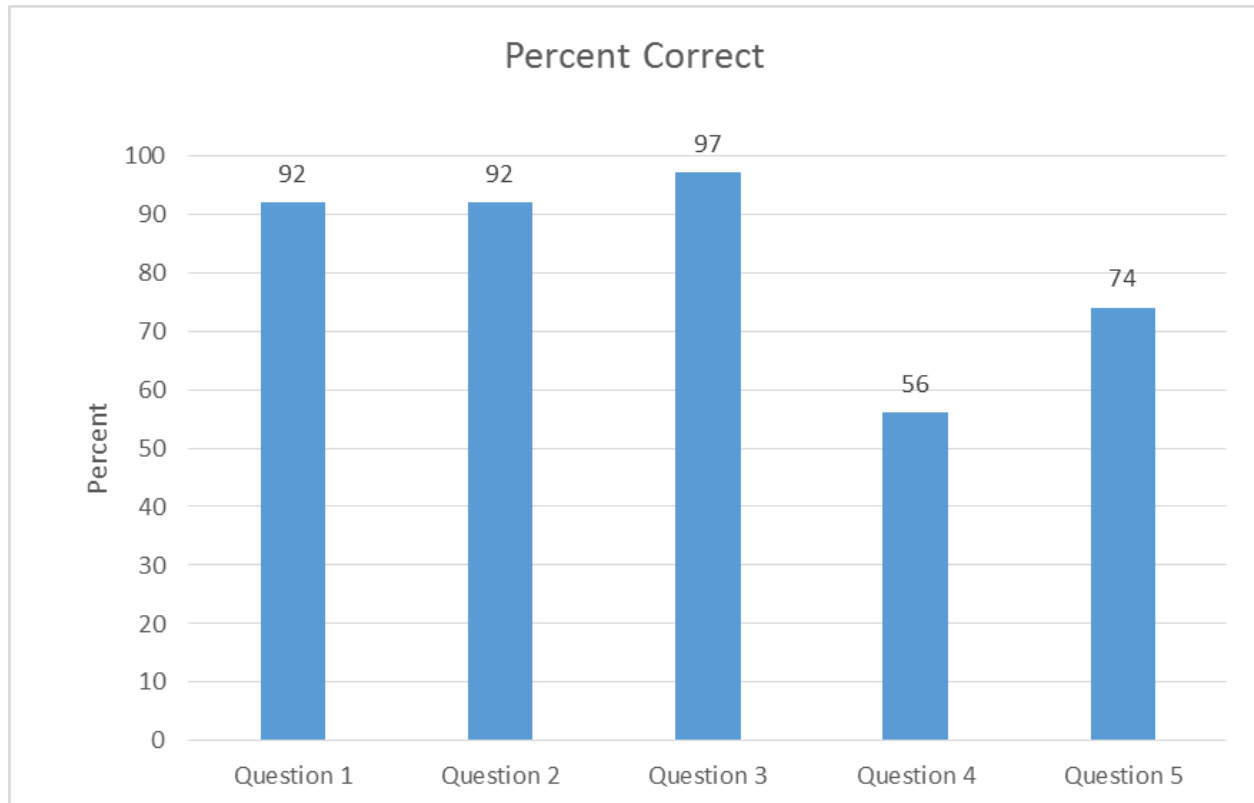
Timeliness increases as facilities wait until the data submission deadline to submit data to the ITR. Hospitals are asked to report data on the national trauma (TQIP) reporting schedule. The average timeliness in the past year was 93 days.



### Uniformity

In August we sent out the forty-ninth monthly quiz for the inter-rater reliability study. There were 39 participants from 30 (25% of hospitals with EDs in Indiana) hospitals who completed the quiz. The percent correct was 82% and the free-marginal kappa was 0.57.

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



### Integration

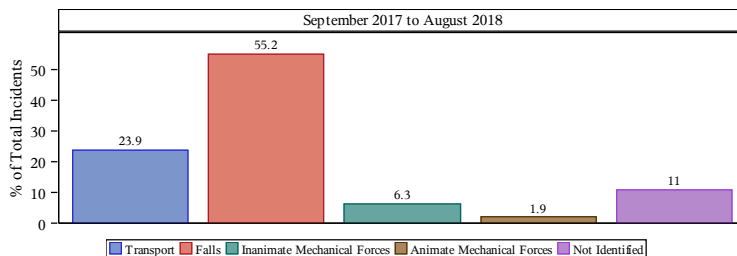
The number of linked EMS to trauma cases was 2,197 for Q3 2017 data. Trauma data is due on a quarterly basis.

### Accessibility

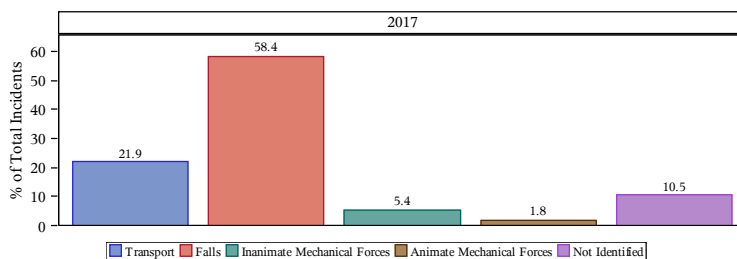
There were no data requests in August.

**Cause of Injury (COI)**

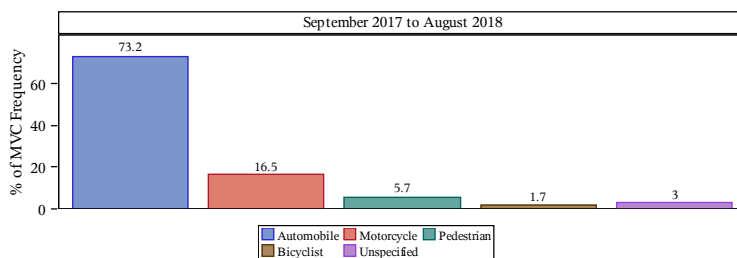
Cause of Injury (COI)



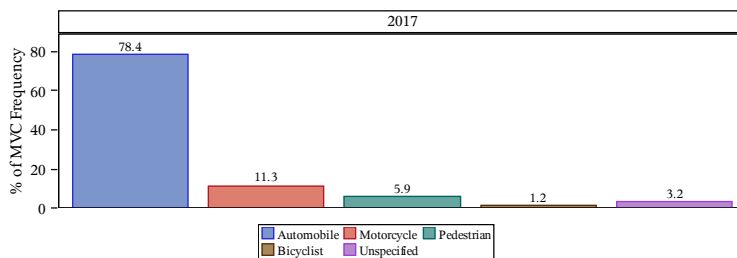
Cause of Injury (COI)



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

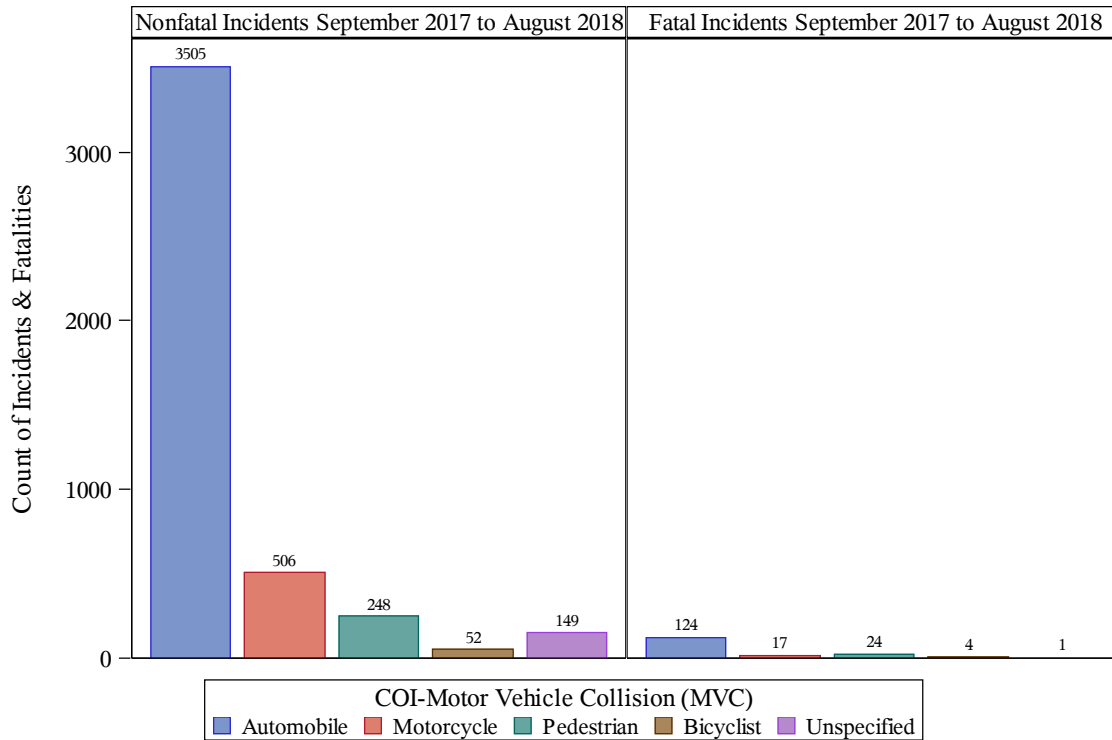
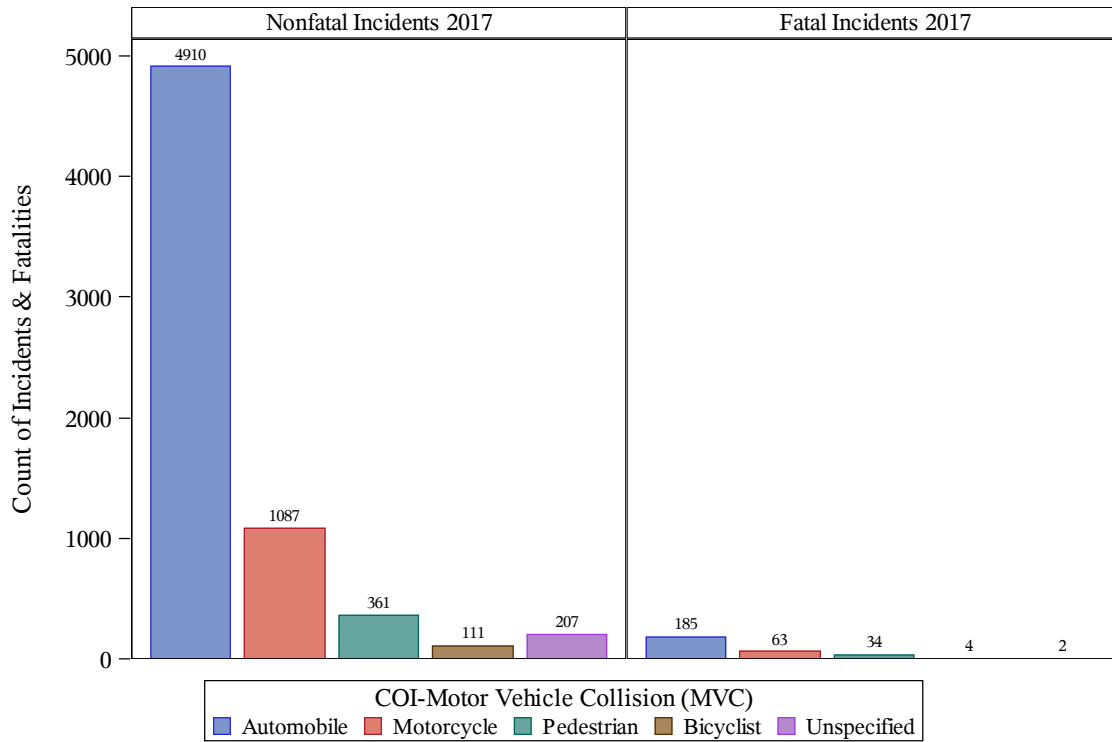


**COI-Motor Vehicle Collision (MVC)**



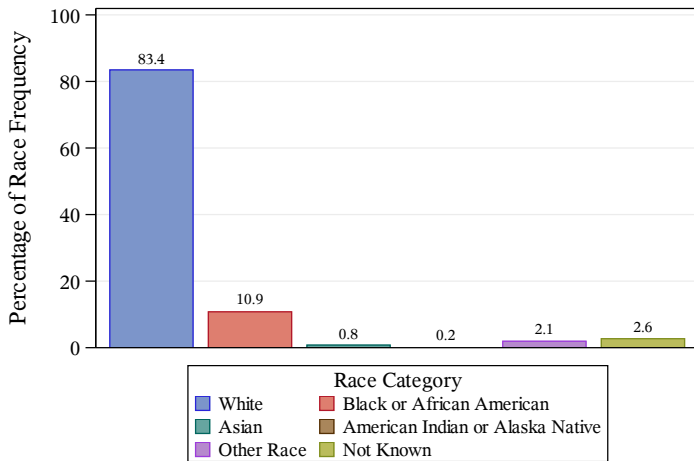
**Motor Vehicle Collision**

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

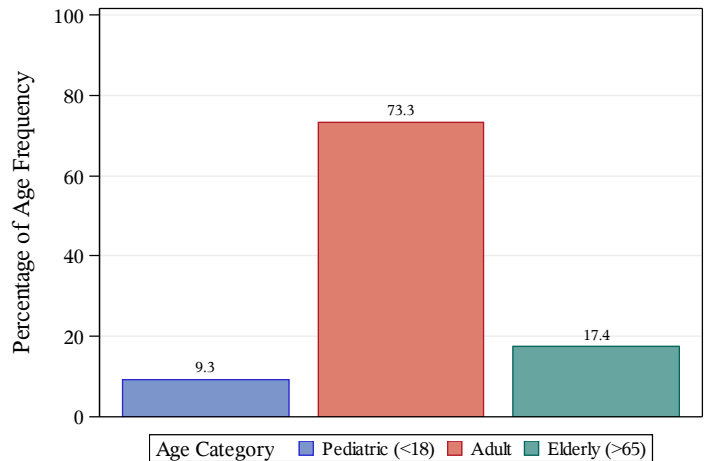


Motor Vehicle Collision

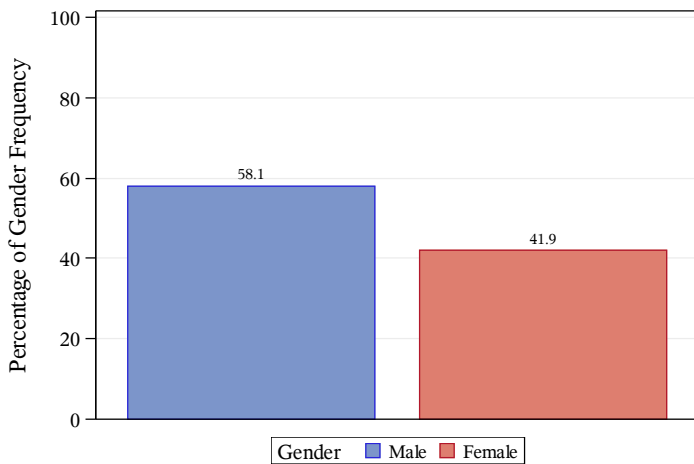
Race



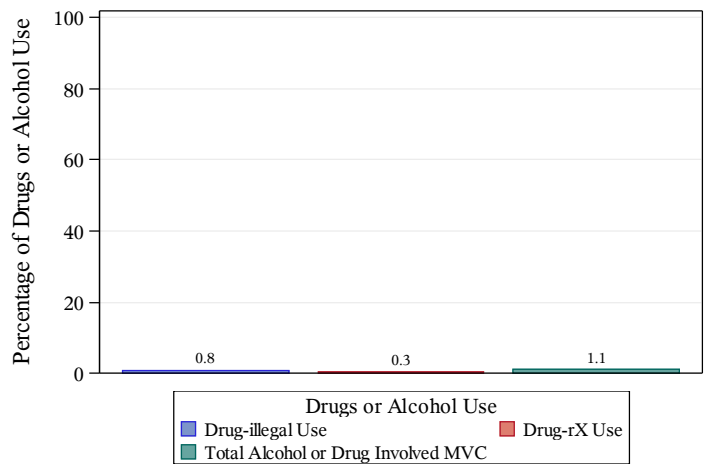
Age



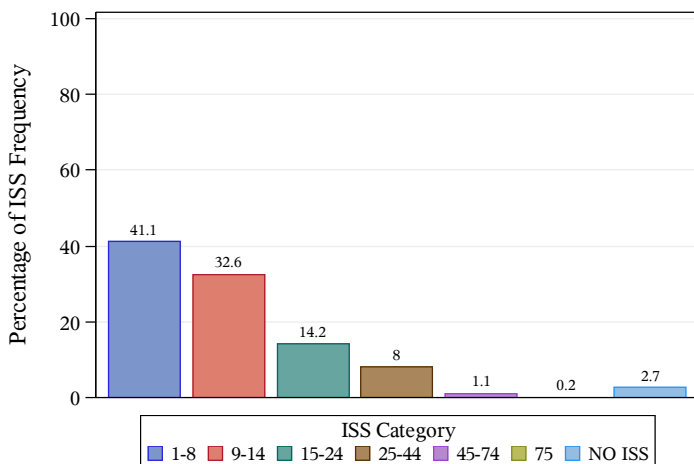
Gender



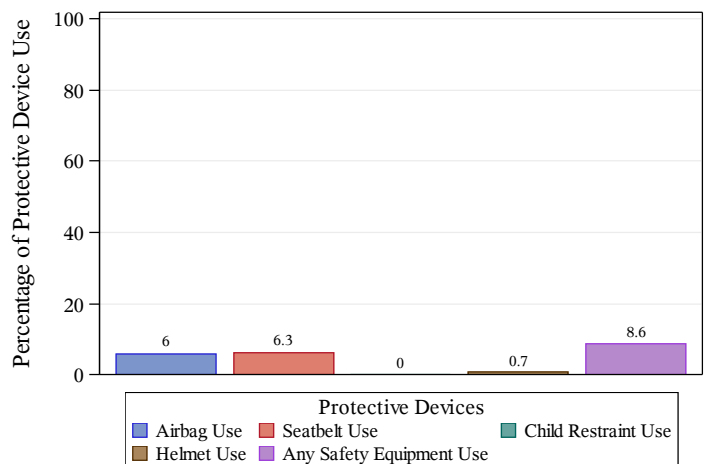
Drug & Alcohol Use



Injury Severity Score



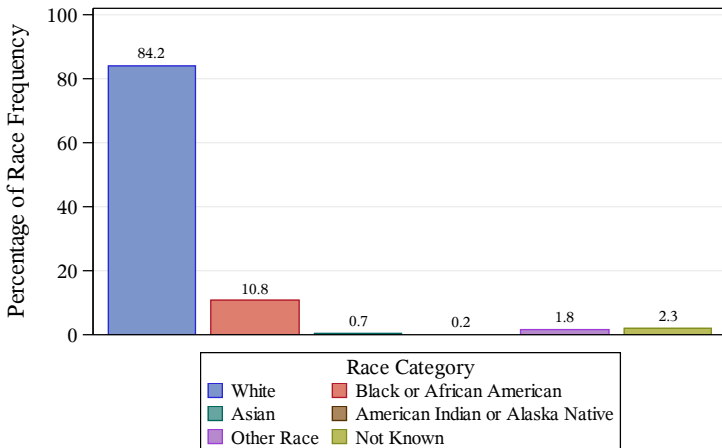
Protective Devices



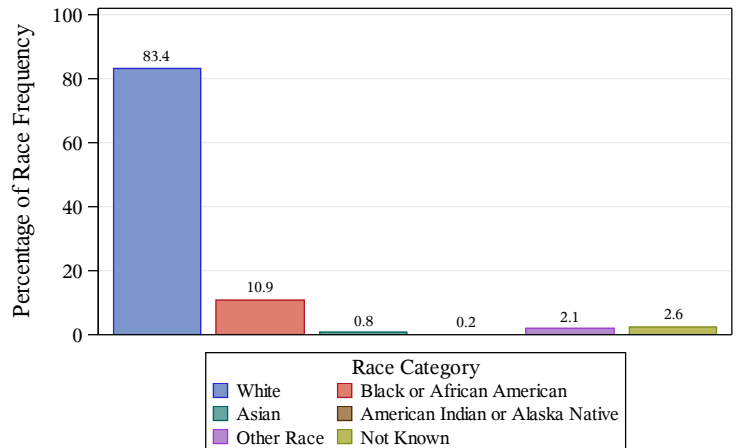
Injury Severity Score (ISS) is a measure of how bad the injury is. Scores over 15 are considered major trauma. A score of 75 is considered not survivable.

Race- Motor Vehicle Collision

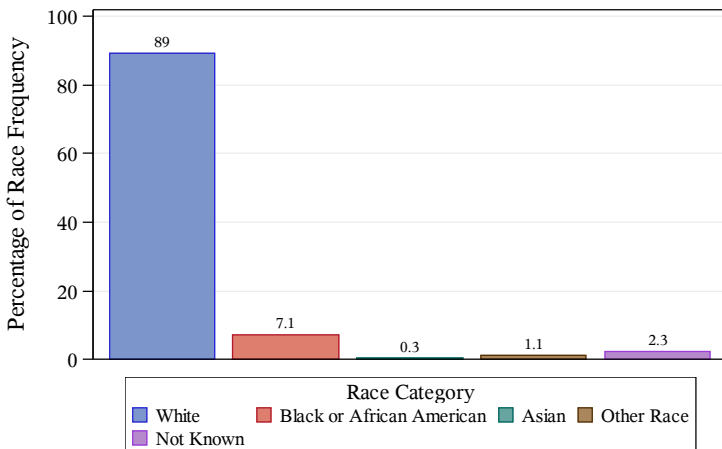
2017



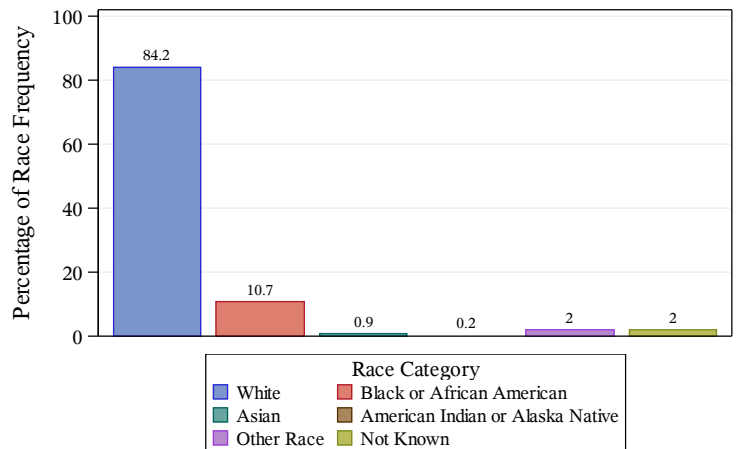
September 2017 to August 2018



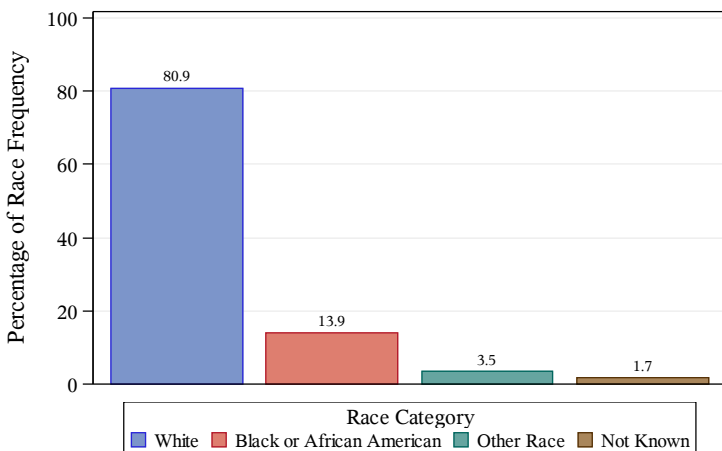
Motorcycle  
September 2017 to August 2018



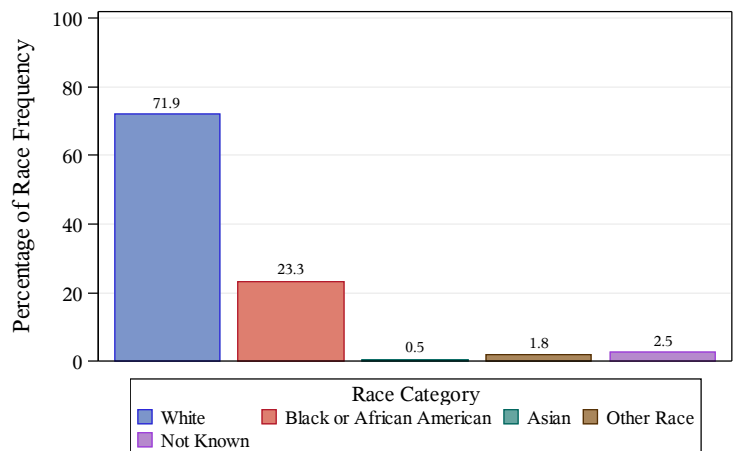
Automobile  
September 2017 to August 2018



Bicyclist  
September 2017 to August 2018

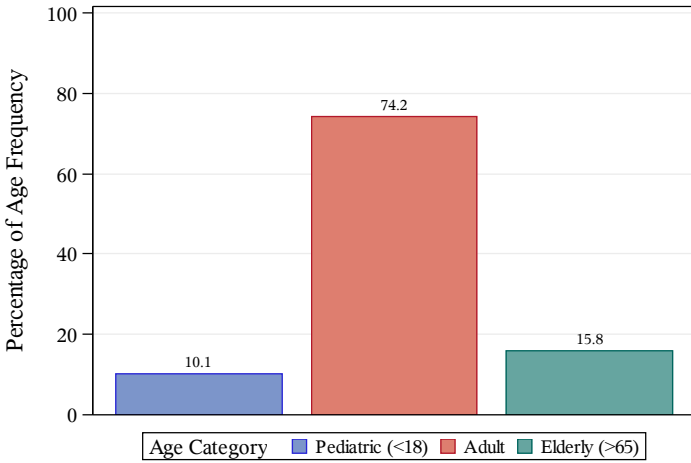


Pedestrian  
September 2017 to August 2018

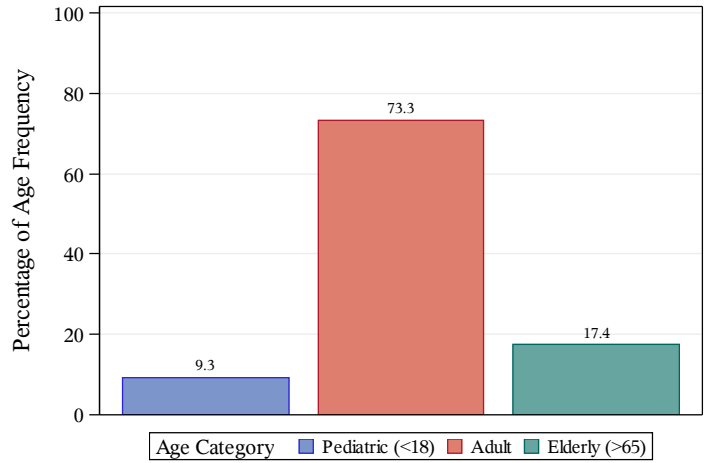


Age- Motor Vehicle Collision

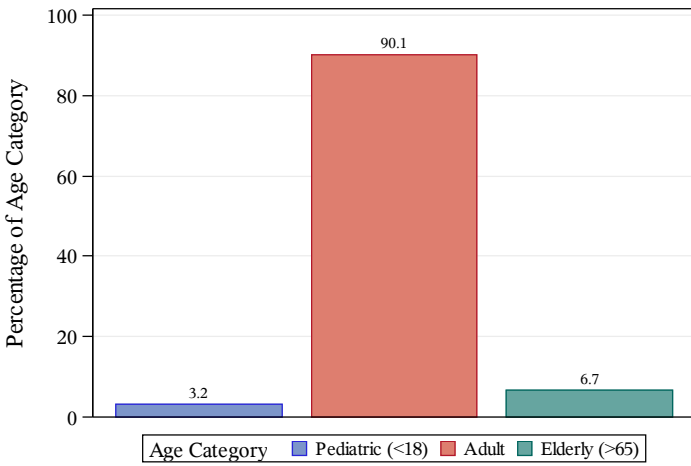
2017



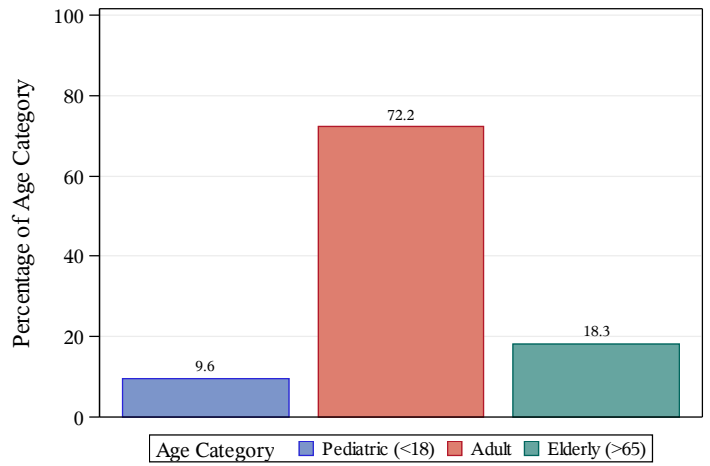
September 2017 to August 2018



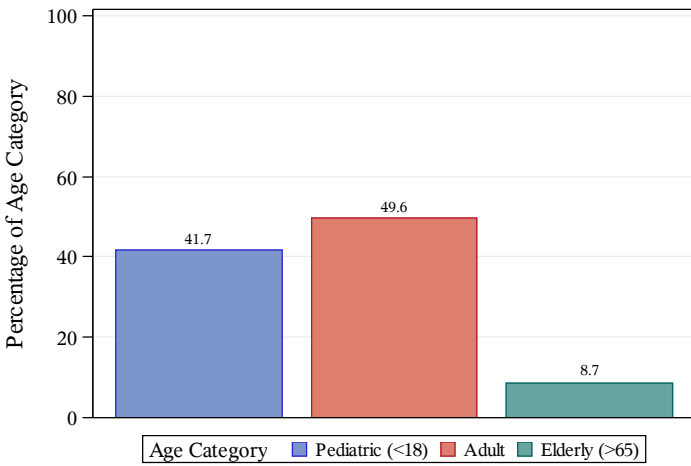
Motorcycle  
September 2017 to August 2018



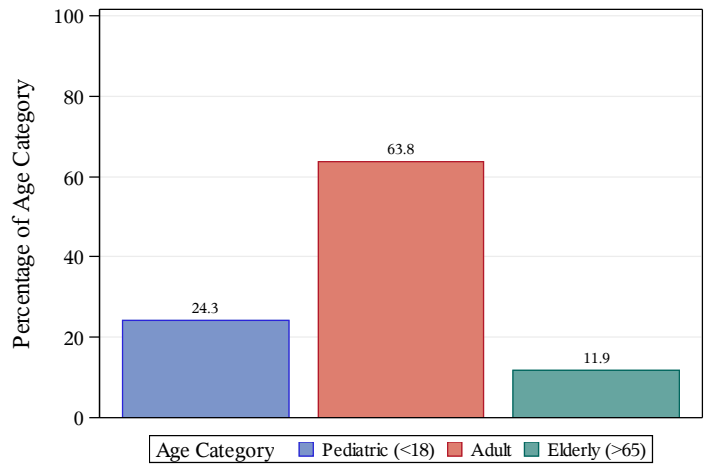
Automobile  
September 2017 to August 2018



Bicyclist  
September 2017 to August 2018



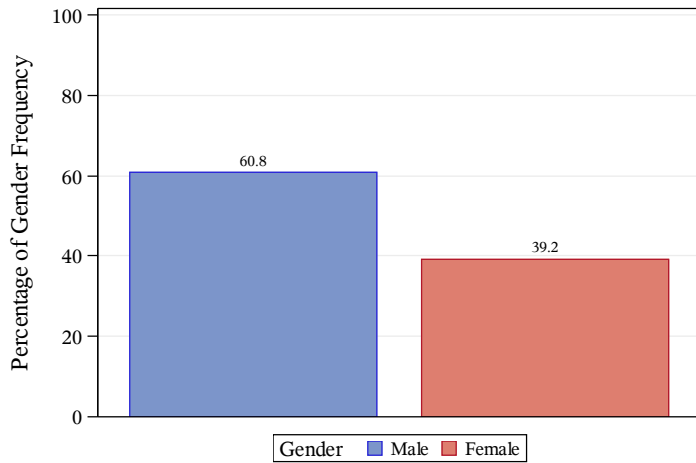
Pedestrian  
September 2017 to August 2018



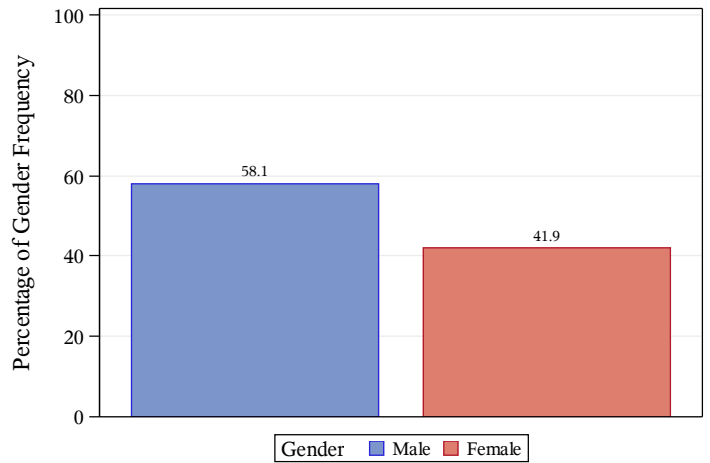


Gender- Motor Vehicle Collision

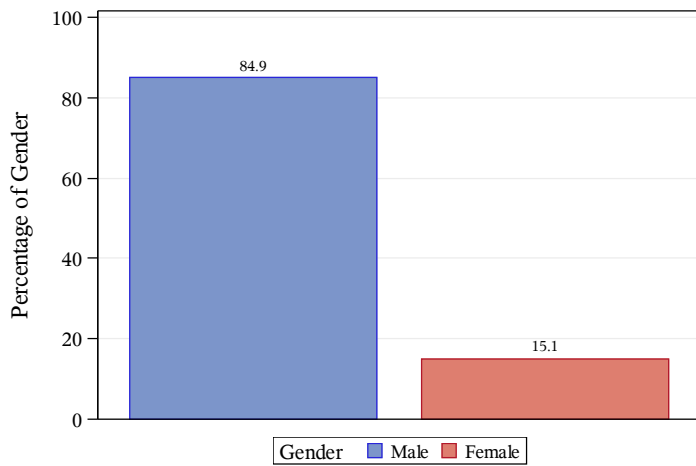
2017



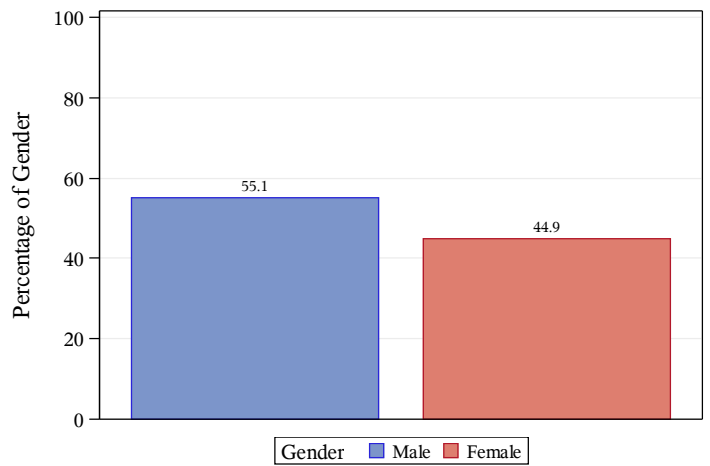
September 2017 to August 2018



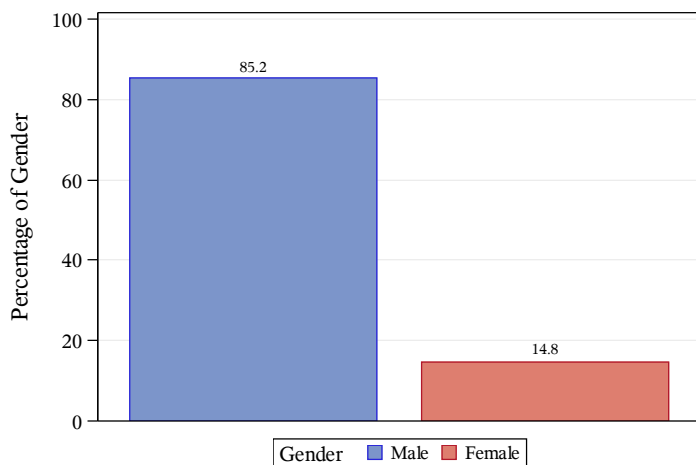
Motorcycle  
September 2017 to August 2018



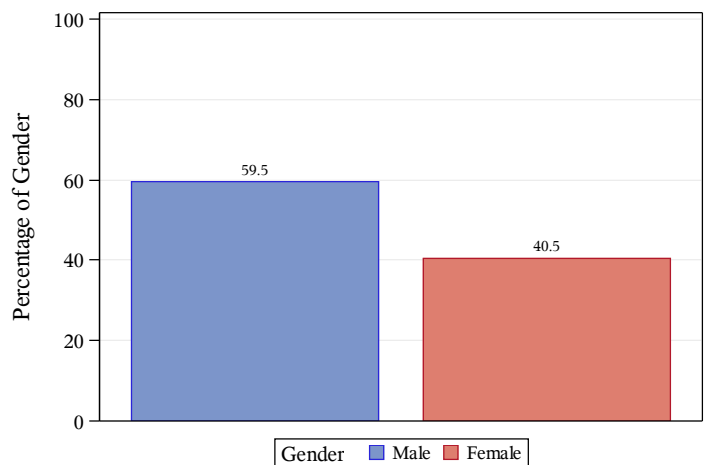
Automobile  
September 2017 to August 2018



Bicyclist  
September 2017 to August 2018

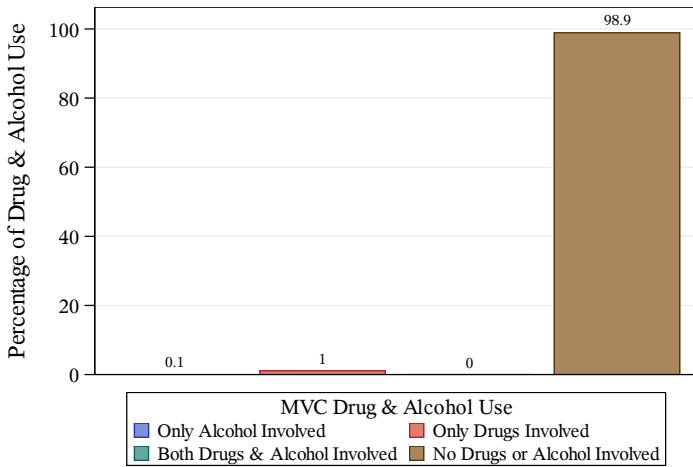


Pedestrian  
September 2017 to August 2018

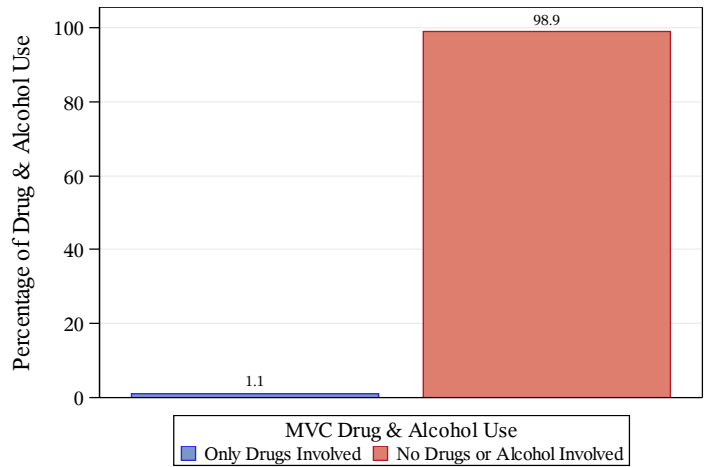


**September 2017 to August 2018      4630 Incidents**  
**Drug & Alcohol Use- Motor Vehicle Collision**

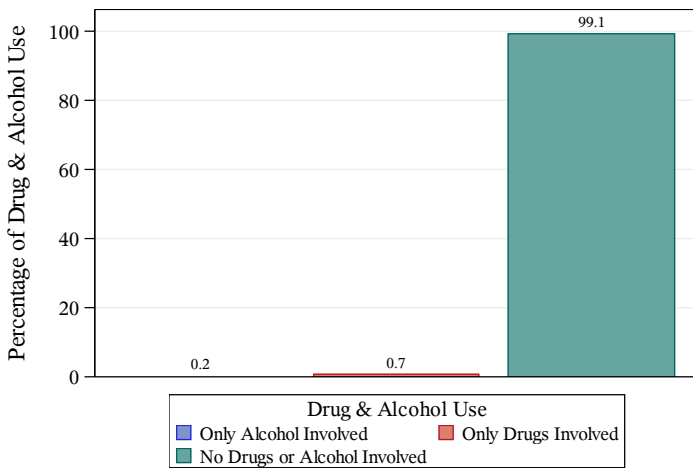
**2017**



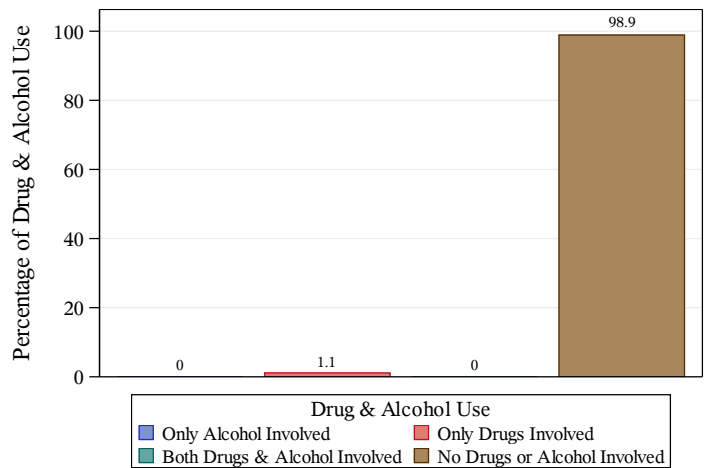
**September 2017 to August 2018**



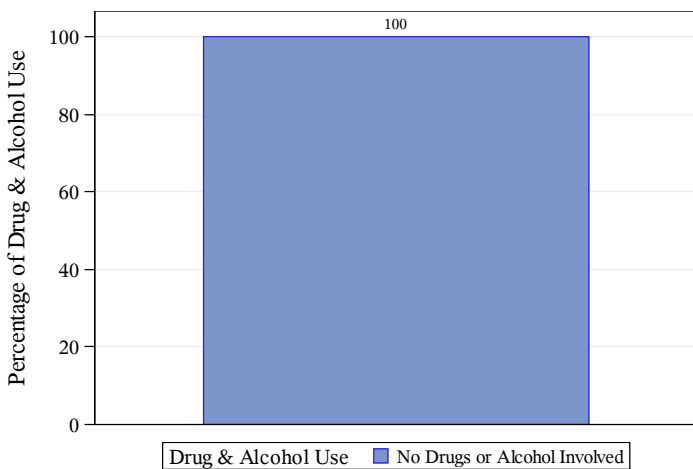
**Motorcycle**  
**September 2017 to August 2018**



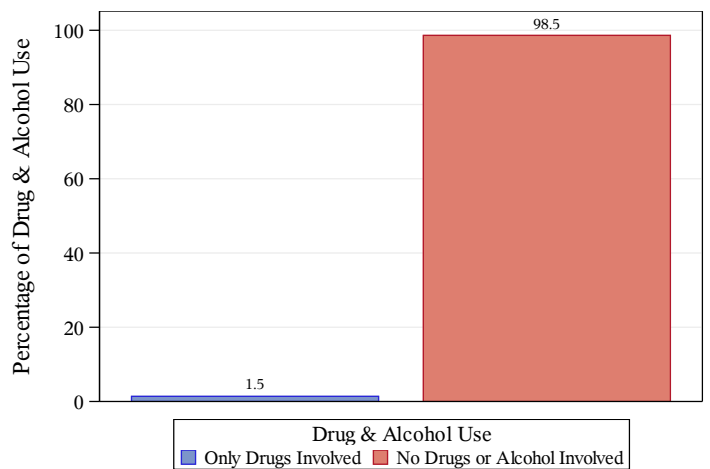
**Automobile**  
**September 2017 to August 2018**



**Bicyclist**  
**September 2017 to August 2018**

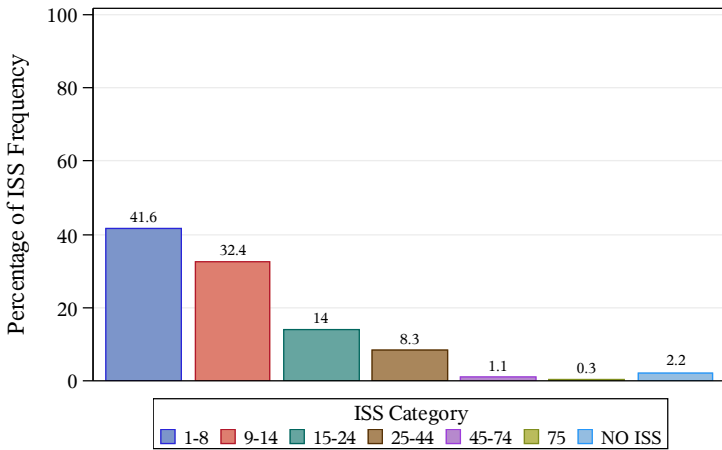


**Pedestrian**  
**September 2017 to August 2018**

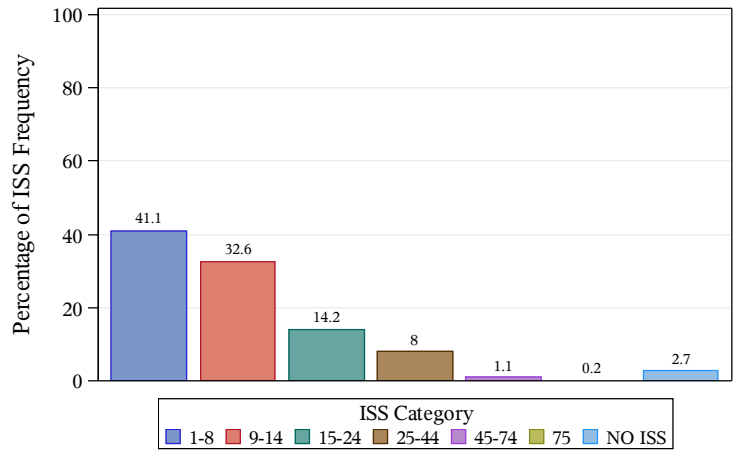


Injury Severity Score- Motor Vehicle Collision

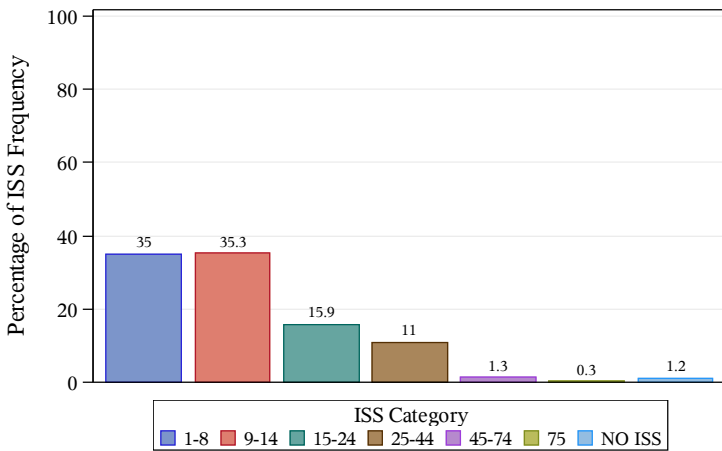
2017



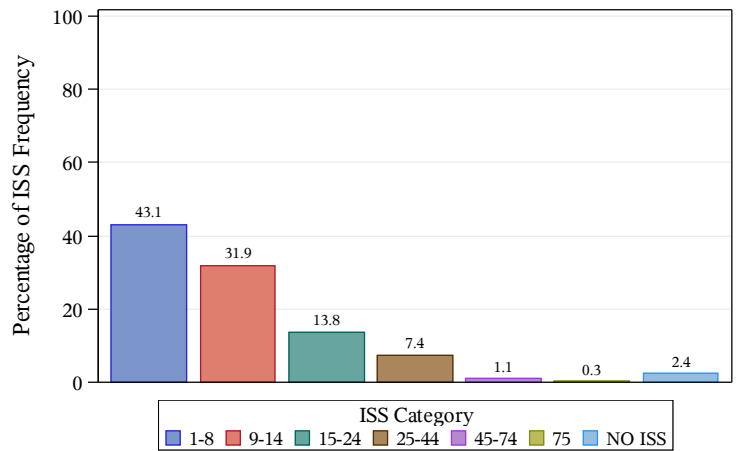
September 2017 to August 2018



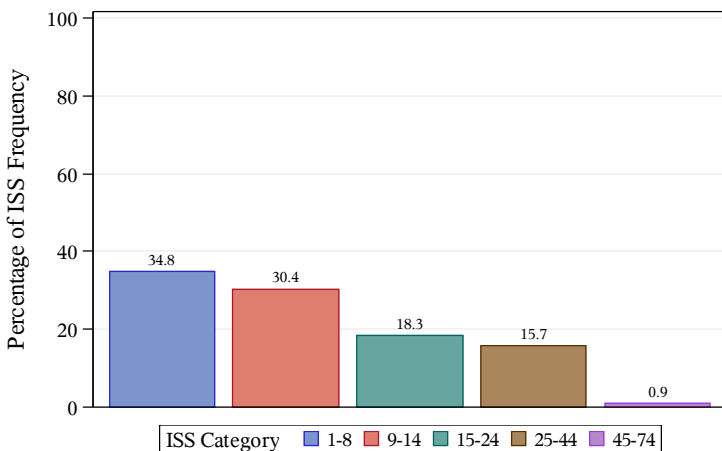
Motorcycle  
September 2017 to August 2018



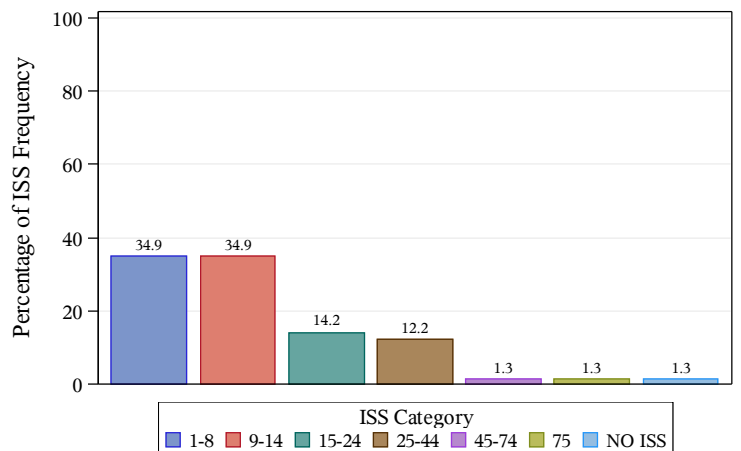
Automobile  
September 2017 to August 2018



Bicyclist  
September 2017 to August 2018

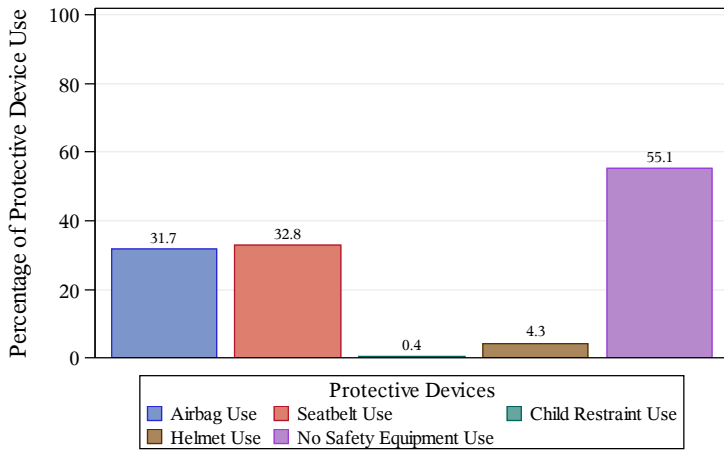


Pedestrian  
September 2017 to August 2018

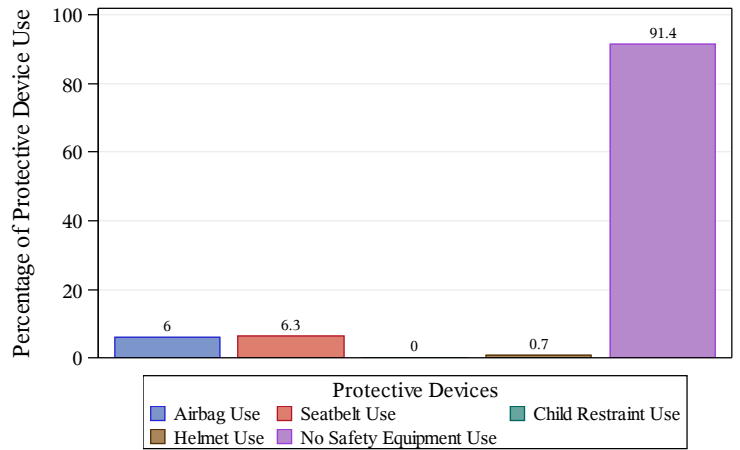


Protective Devices- Motor Vehicle Collision

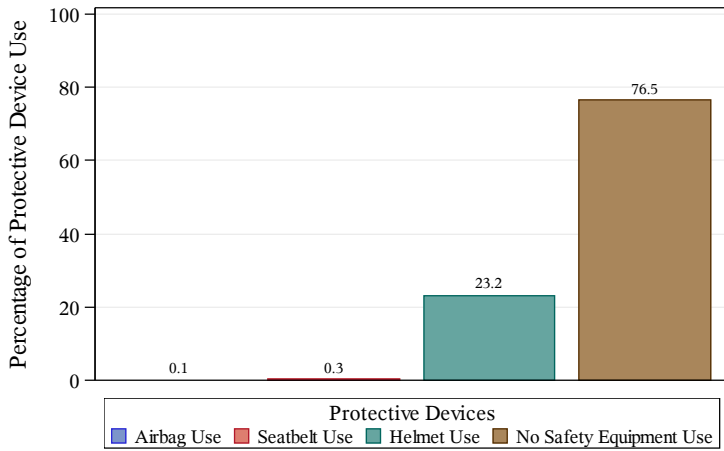
2017



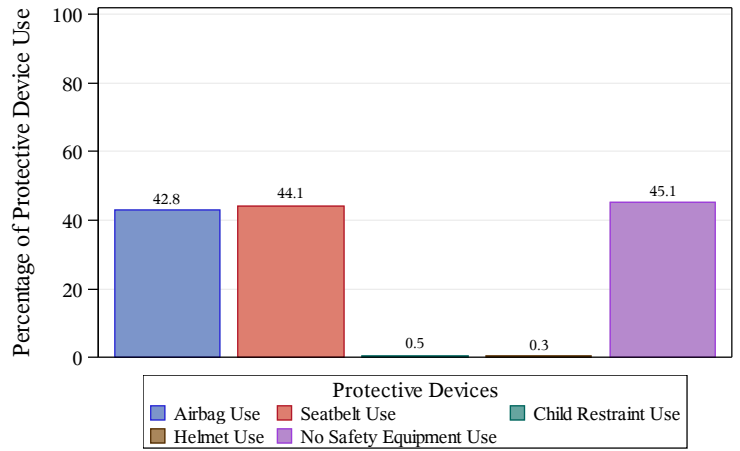
September 2017 to August 2018



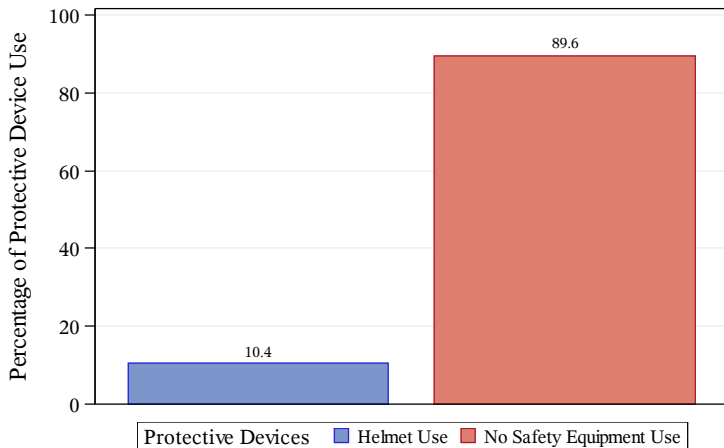
Motorcycle  
September 2017 to August 2018



Automobile  
September 2017 to August 2018



Bicyclist  
September 2017 to August 2018



Pedestrian  
September 2017 to August 2018

