

\*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\*

November 7th Ramzi Nimry (Statewide Trauma System Development and Training Manager) attended the Northwest Coroner Regional Meeting at the Jasper County Public Library in Rensselaer.

November 8th Ramzi Nimry (Statewide Trauma System Development and Training Manager) attended the Northeast Coroner Regional Meeting at the Huntington City-Township Public Library in Huntington.

November 13th Ramzi Nimry (Statewide Trauma System Development and Training Manager) attended the Southwest Coroner Regional Meeting at the Washington Carnegie Public Library in Washington.

November 14th Ramzi Nimry (Statewide Trauma System Development and Training Manager) attended the Central/Southeast Coroner Regional Meeting at the Greenwood Public Library in Greenwood.

November 15th Ramzi Nimry (Statewide Trauma System Development and Training Manager) attended the IPAC/INVDRS quarterly meeting in Indianapolis.

November 19th Ramzi Nimry (Statewide Trauma System Development and Training Manager), Camry Hess (Data Analyst) and Trinh Dinh (Registry Coordinator) attended and participated in the Performance Improvement (PI) subcommittee meeting.

November 20th Ramzi Nimry (Statewide Trauma System Development and Training Manager) and Trinh Dinh (Registry Coordinator) attended and participated at the District 5 Trauma Advisory Committee (TAC) at Indianapolis EMS.

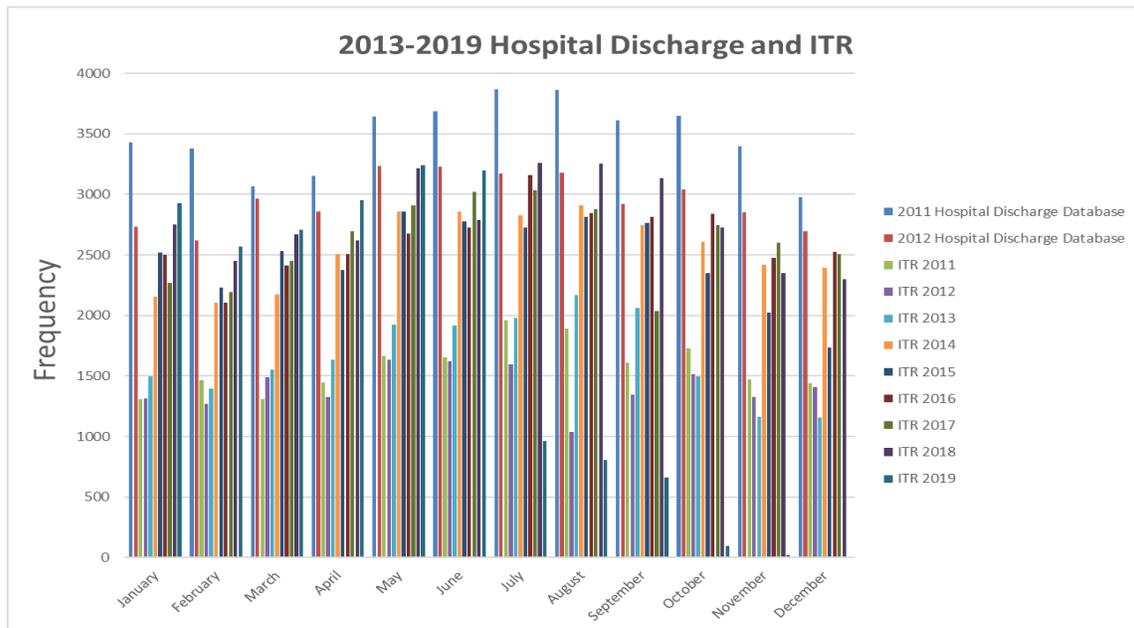
November 21st Ramzi Nimry (Statewide Trauma System Development and Training Manager) and Trinh Dinh (Registry Coordinator) attended and participated at the District 6 Trauma Regional Advisory Committee (TRAC) at IU Health Ball Memorial in Muncie.

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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).

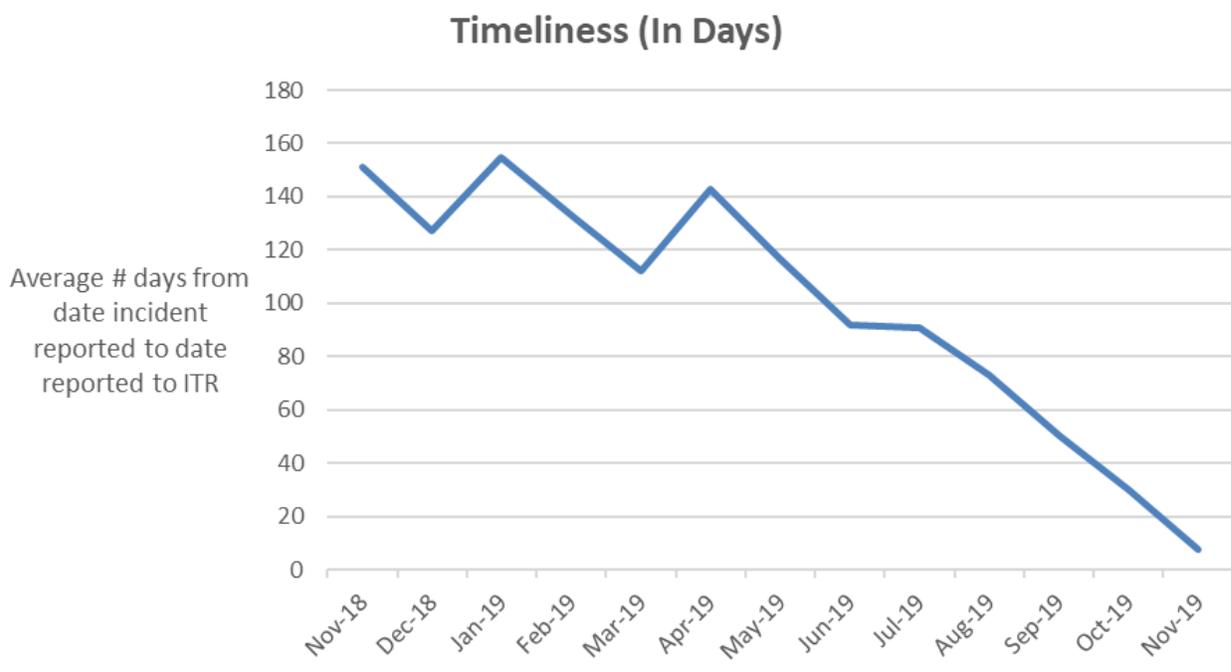
## Completeness

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 72% complete.



## Timeliness

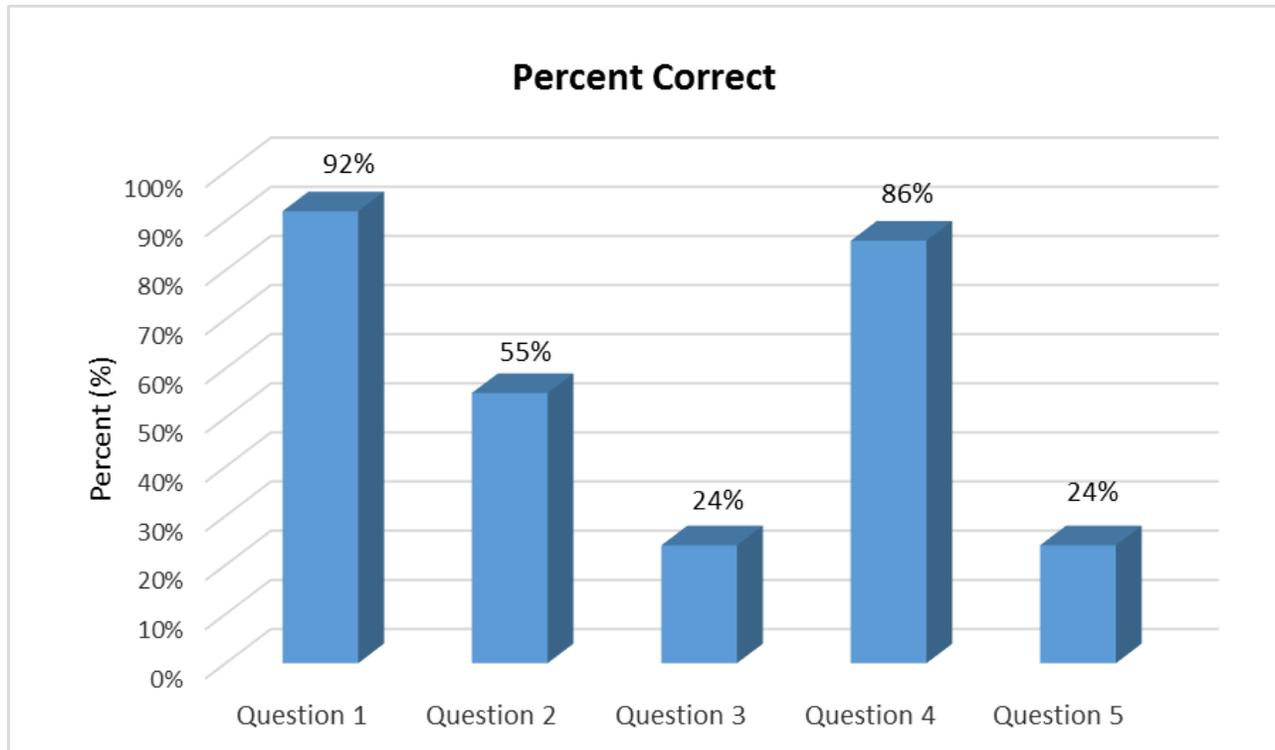
Timeliness increases as facilities wait until the data submission deadline to submit data to the ITR. Hospitals are asked to report data on the national trauma (TQIP) reporting schedule. The average timeliness in the past year was 106 days.



## Uniformity

In November we sent out the sixty-second monthly quiz for the inter-rater reliability study. There were 38 participants from 27 (22% of hospitals with EDs in Indiana) hospitals who completed the quiz. The percent correct was 56% and the free-marginal kappa was 0.35.

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



## Integration

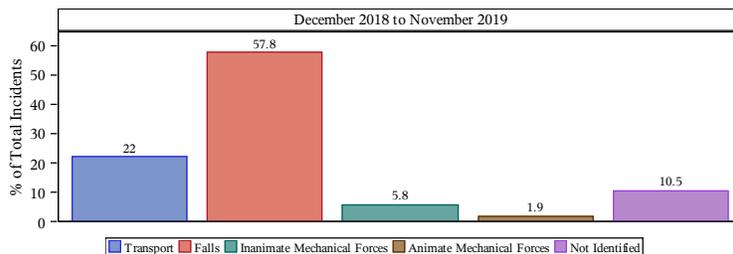
The number of linked EMS to trauma cases was 1,639 for Q3 2018 data. Trauma data are due on a quarterly basis.

## Accessibility

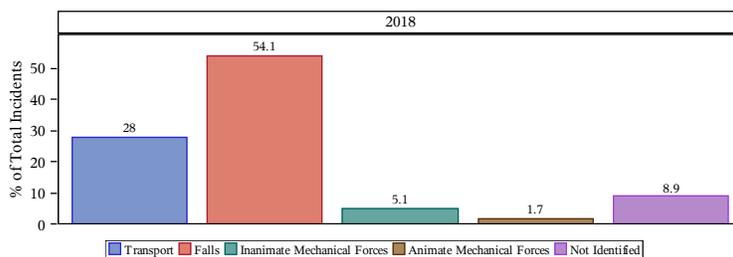
There were four aggregate requests (1 day on average) in November. There were no self-reports or identifiable data requests.

### Cause of Injury (COI)

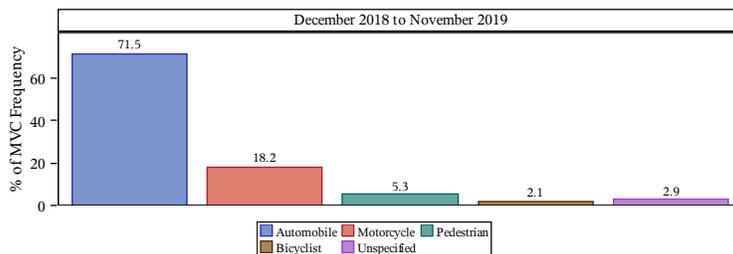
Cause of Injury (COI)



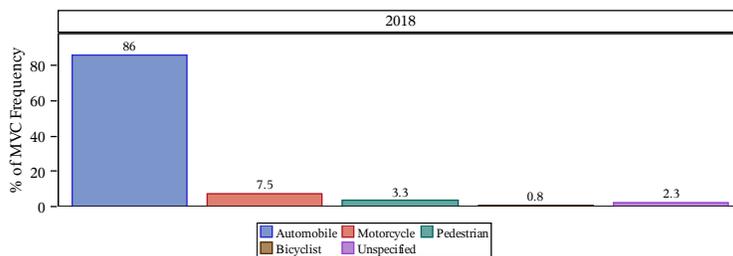
Cause of Injury (COI)



### COI-Motor Vehicle Collision (MVC)

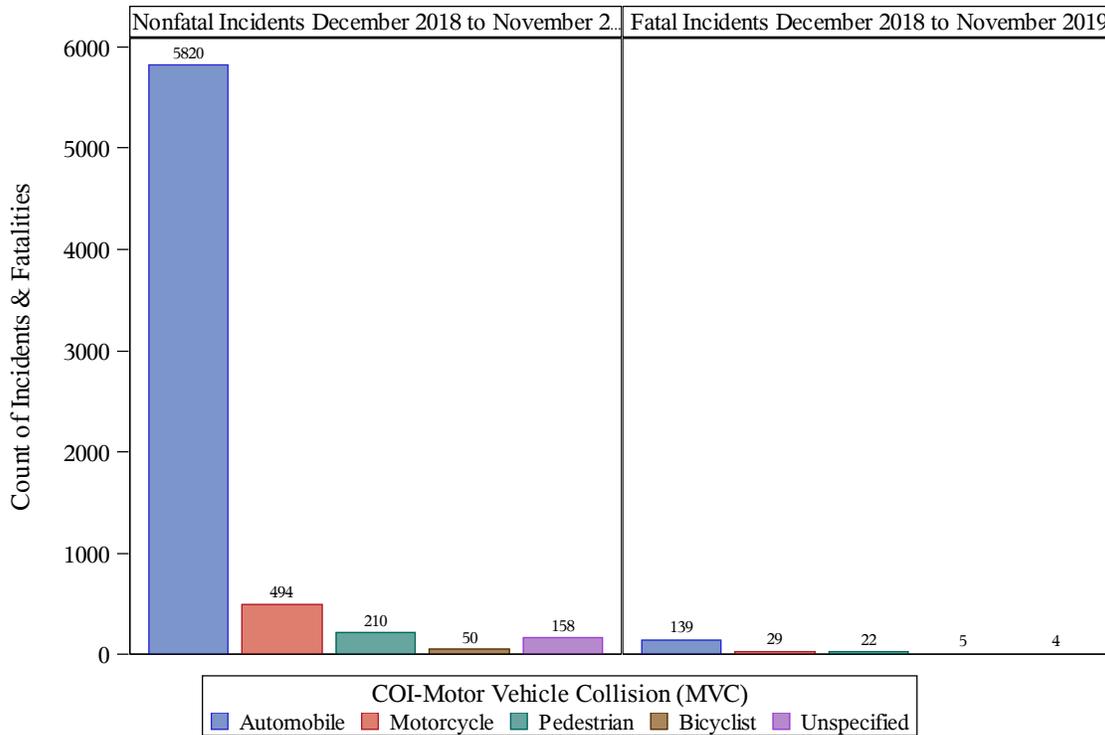
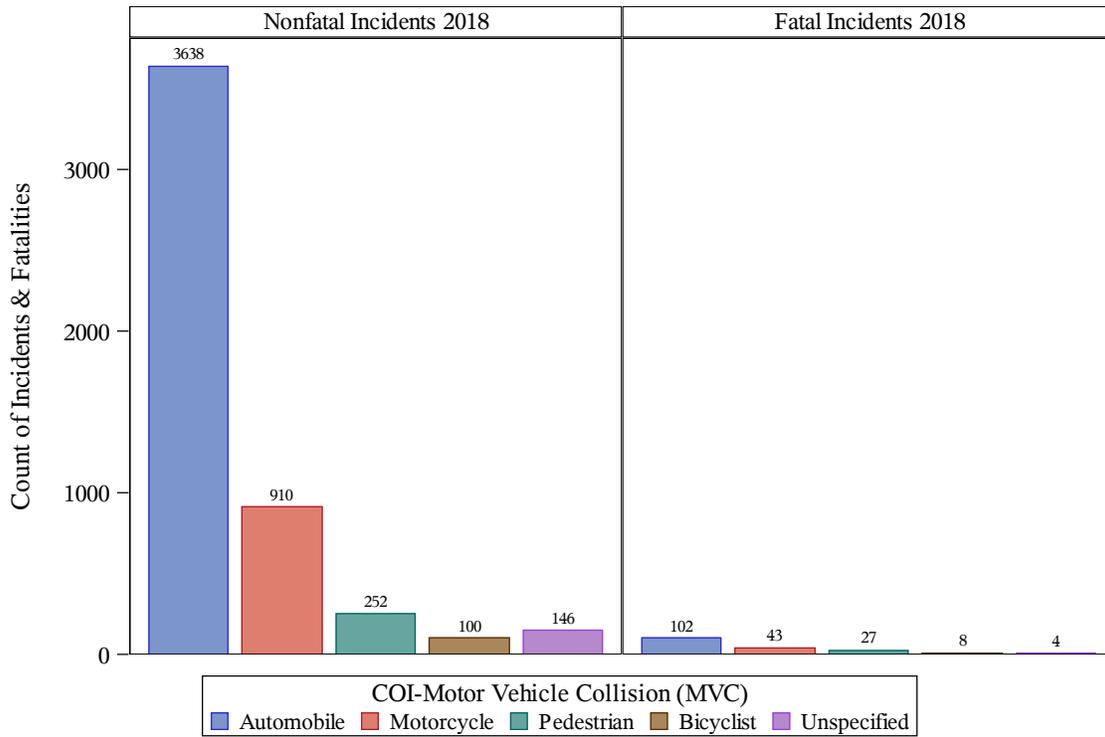


### COI-Motor Vehicle Collision (MVC)



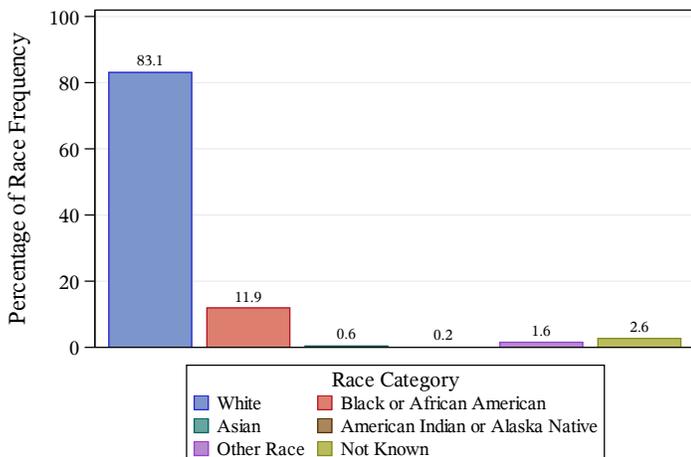
**Motor Vehicle Collision**

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

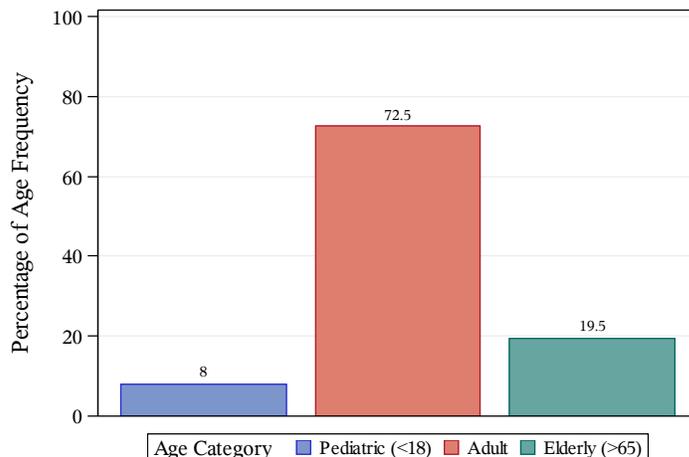


Motor Vehicle Collision

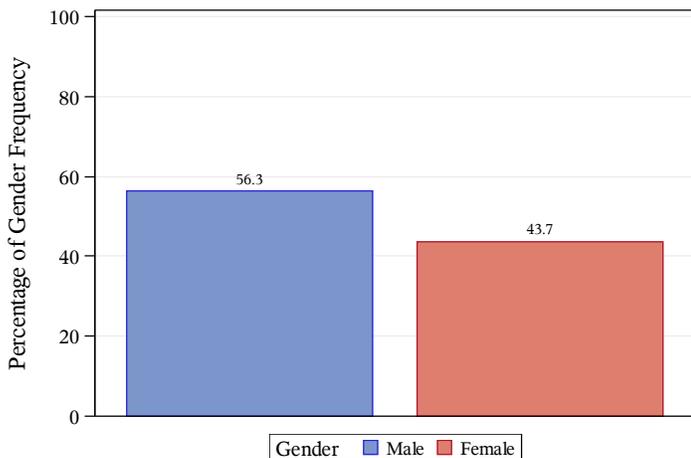
Race



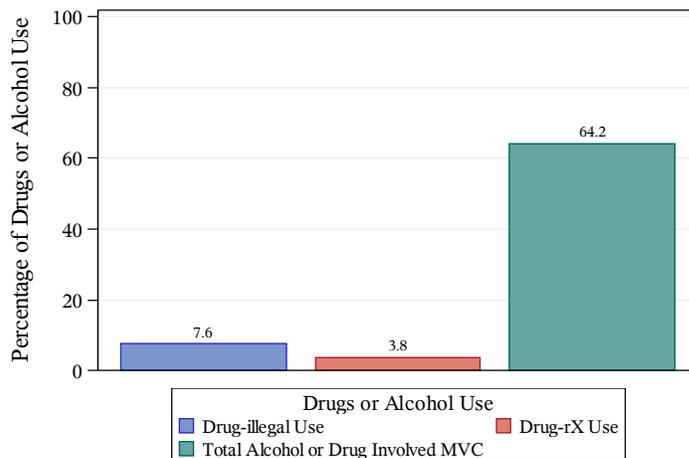
Age



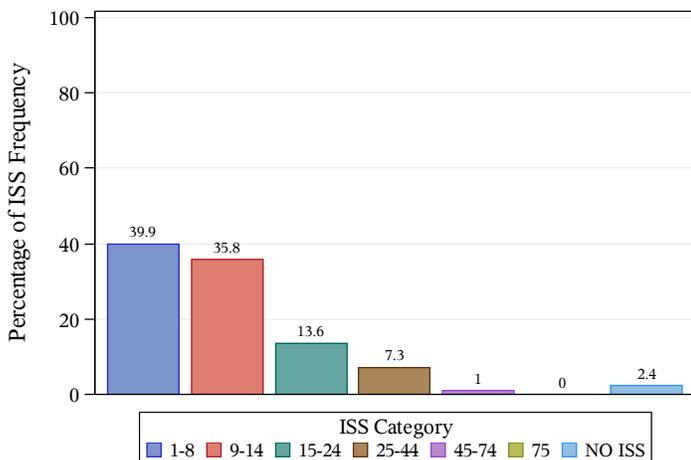
Gender



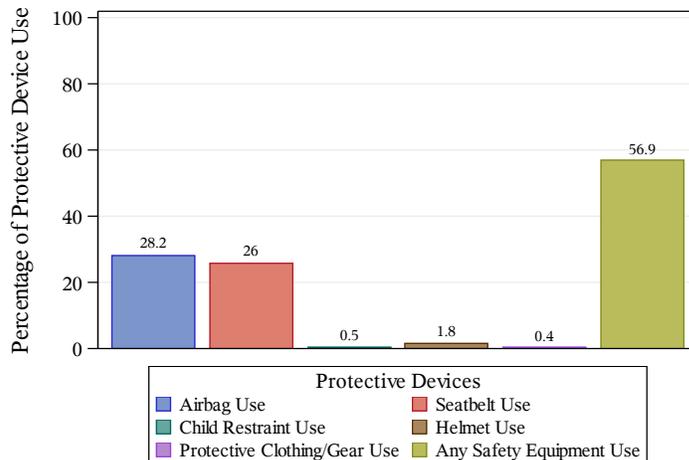
Drug & Alcohol Use



Injury Severity Score



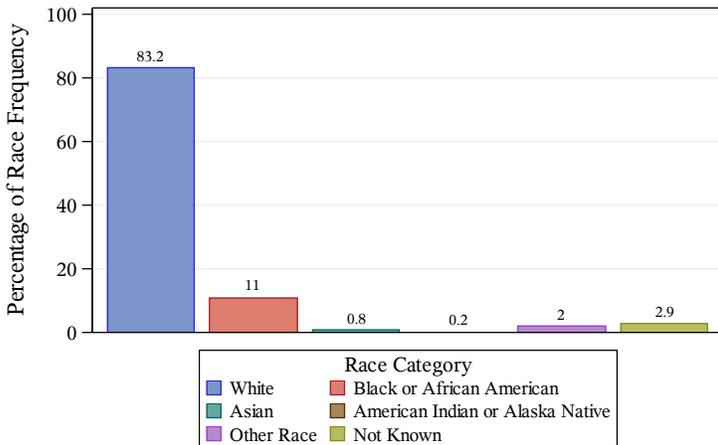
Protective Devices



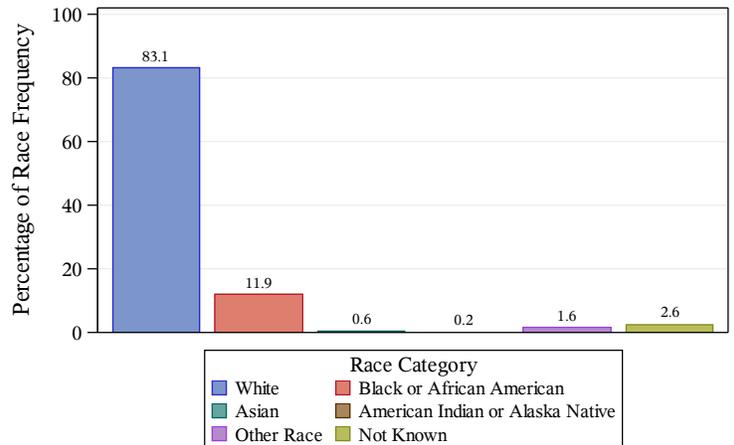
Injury Severity Score (ISS) is a measure of how bad the injury is. Scores over 15 are considered major trauma. A score of 75 is considered not survivable.

Race- Motor Vehicle Collision

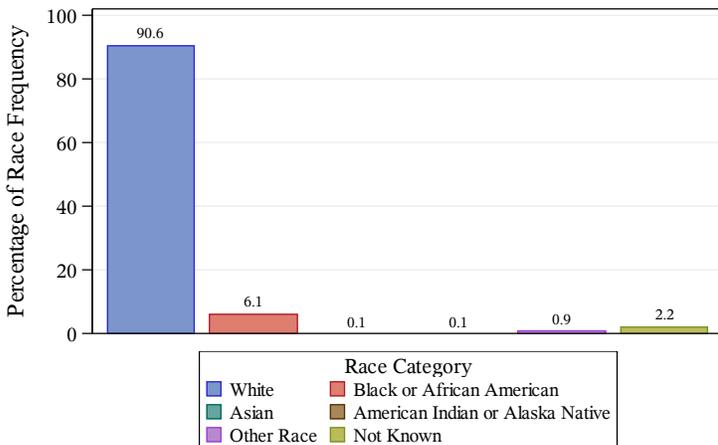
2018



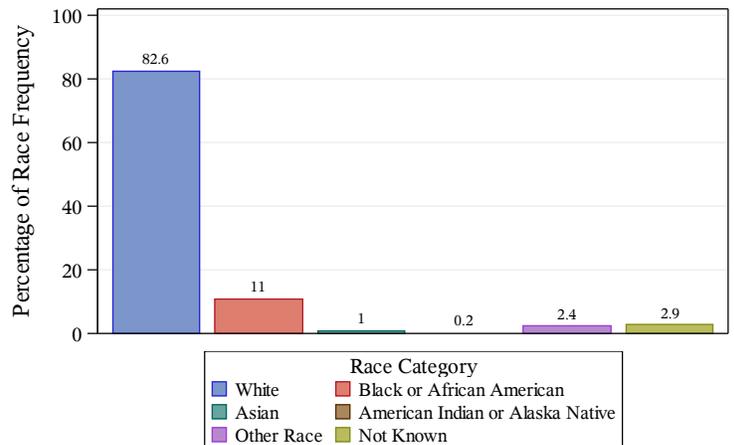
November 2018 to October 2019



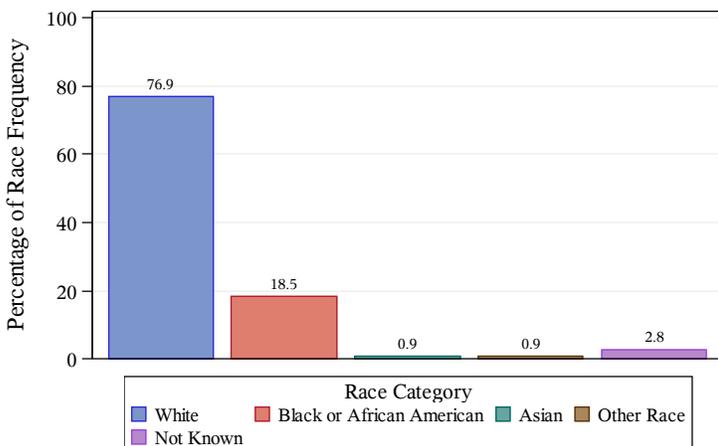
Motorcycle  
December 2018 to November 2019



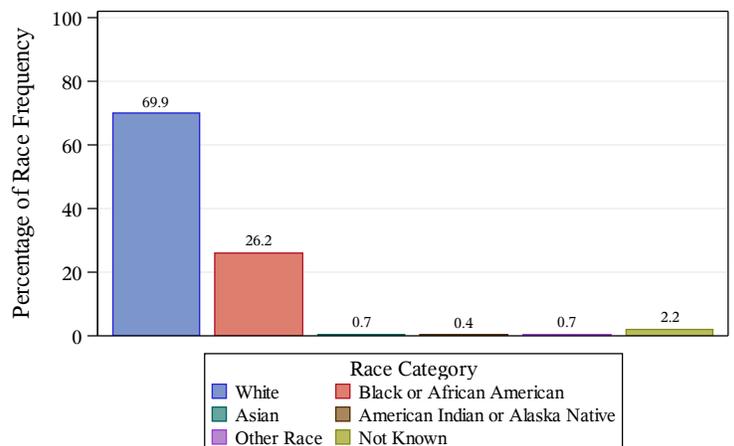
Automobile  
December 2018 to November 2019



Bicyclist  
December 2018 to November 2019

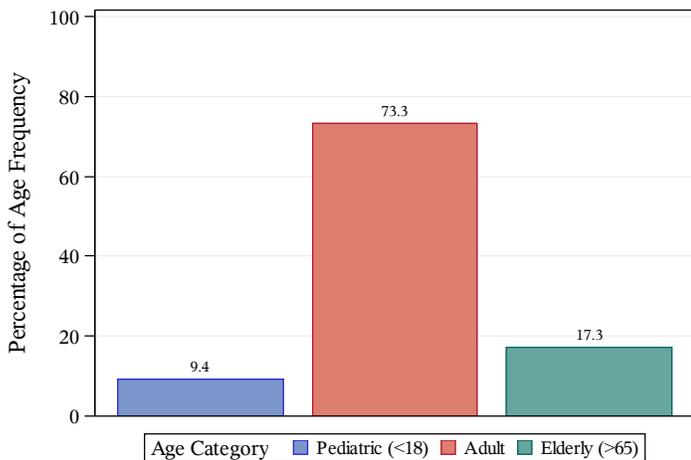


Pedestrian  
December 2018 to November 2019

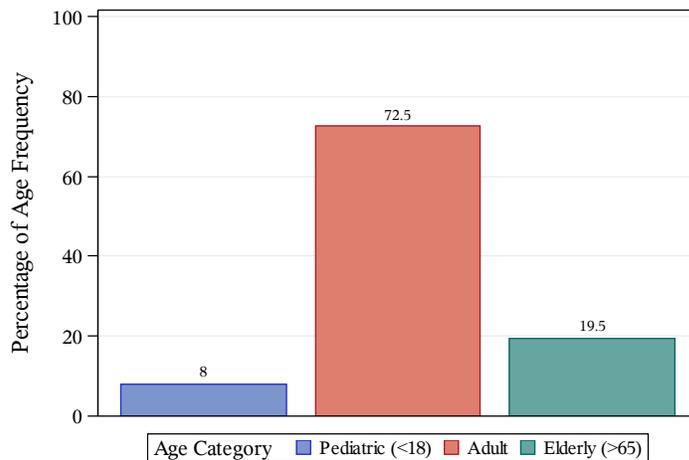


Age- Motor Vehicle Collision

2018

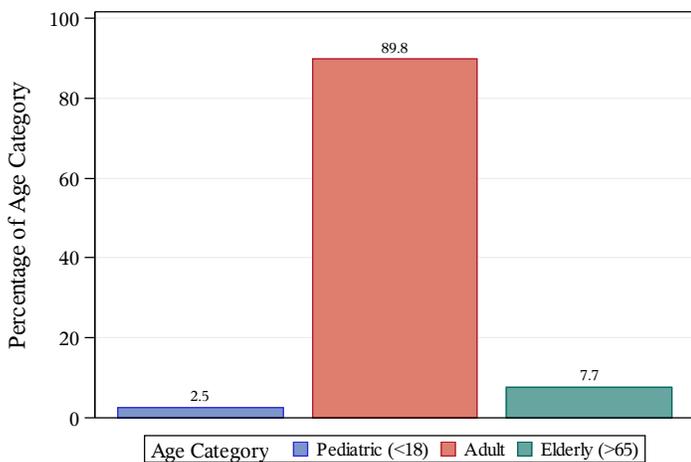


December 2018 to November 2019



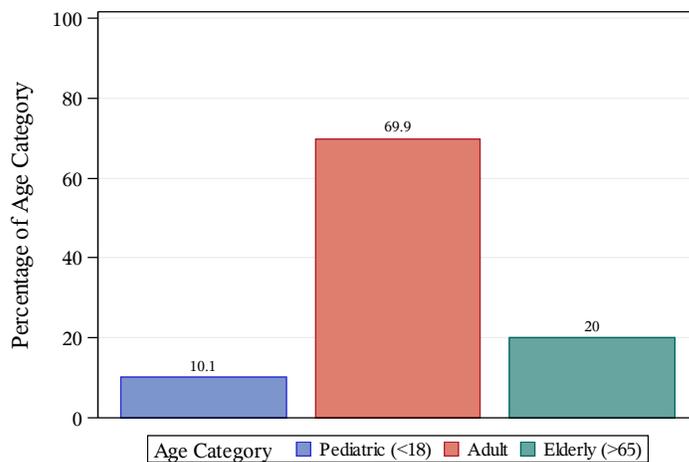
Motorcycle

December 2018 to November 2019



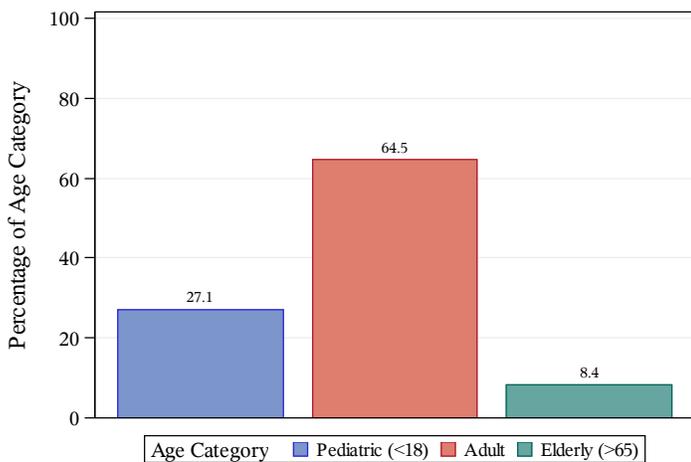
Automobile

December 2018 to November 2019



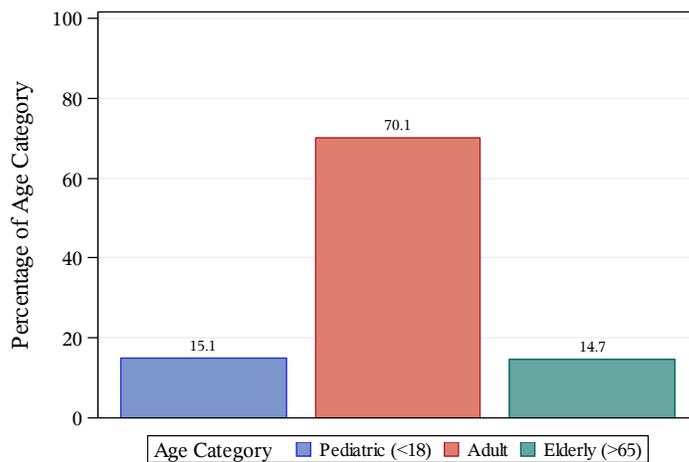
Bicyclist

December 2018 to November 2019



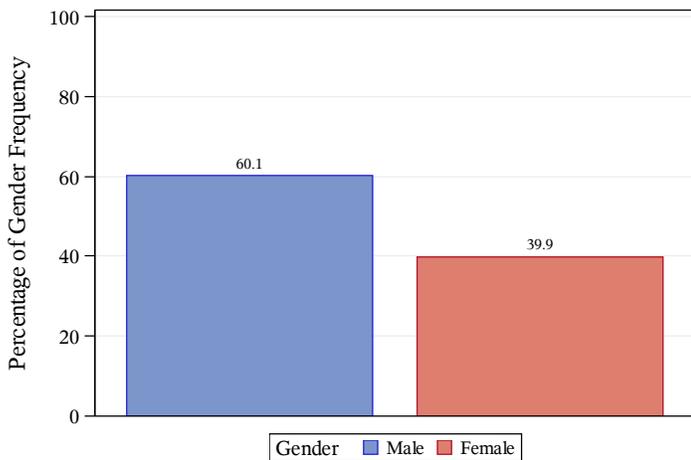
Pedestrian

December 2018 to November 2019

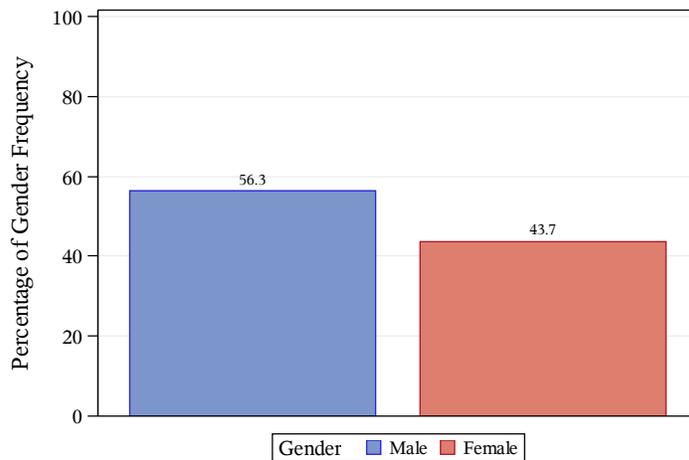


Gender- Motor Vehicle Collision

2018

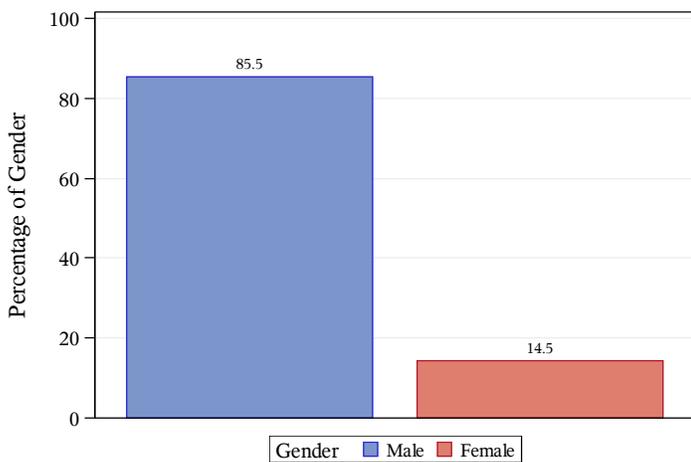


December 2018 to November 2019



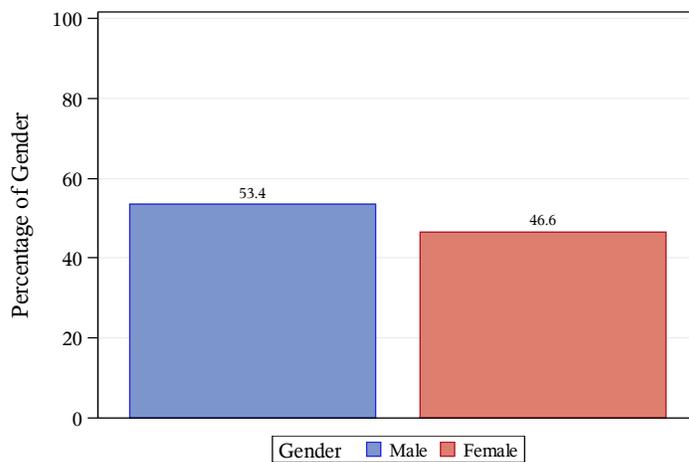
Motorcycle

December 2018 to November 2019



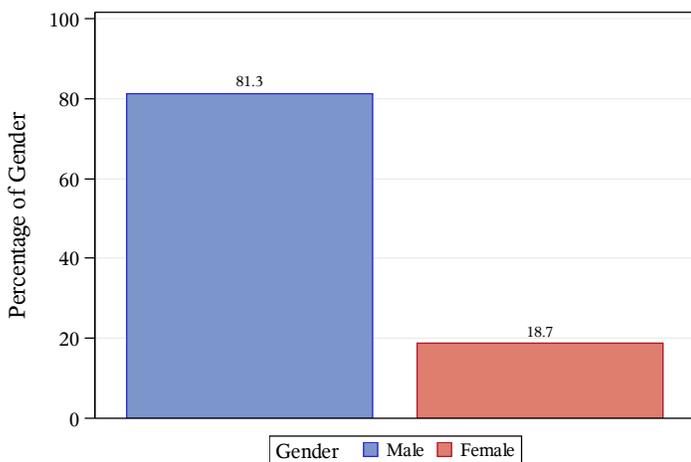
Automobile

December 2018 to November 2019



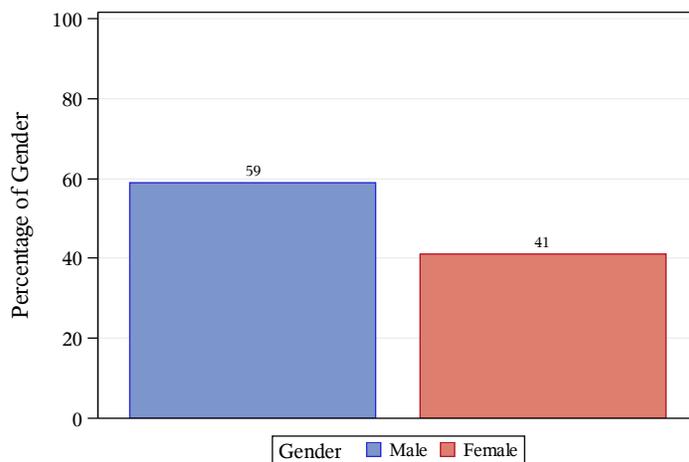
Bicyclist

December 2018 to November 2019



Pedestrian

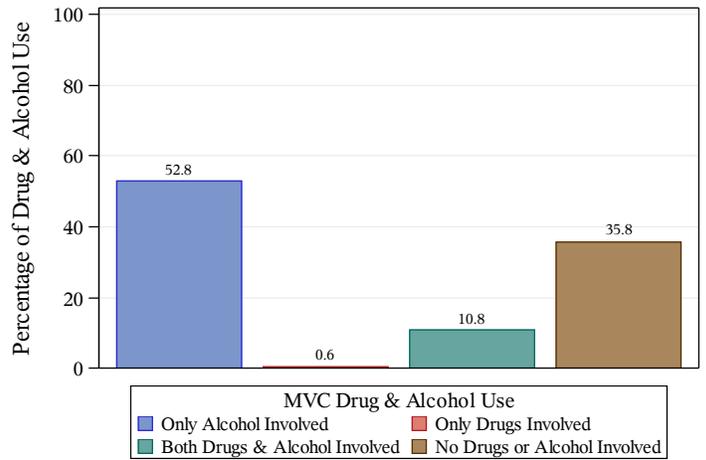
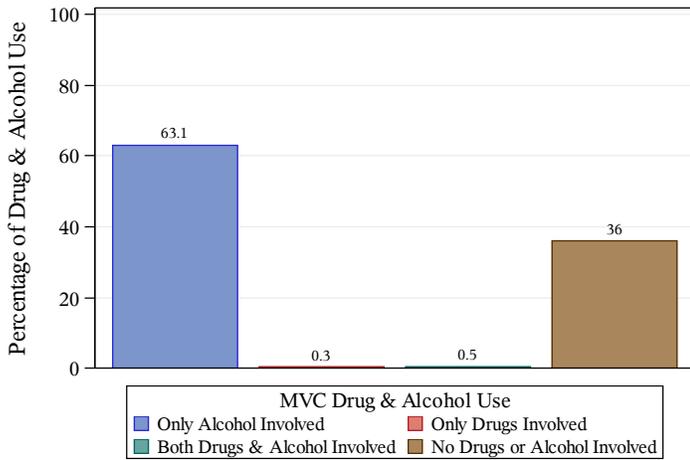
December 2018 to November 2019



Drug & Alcohol Use- Motor Vehicle Collision

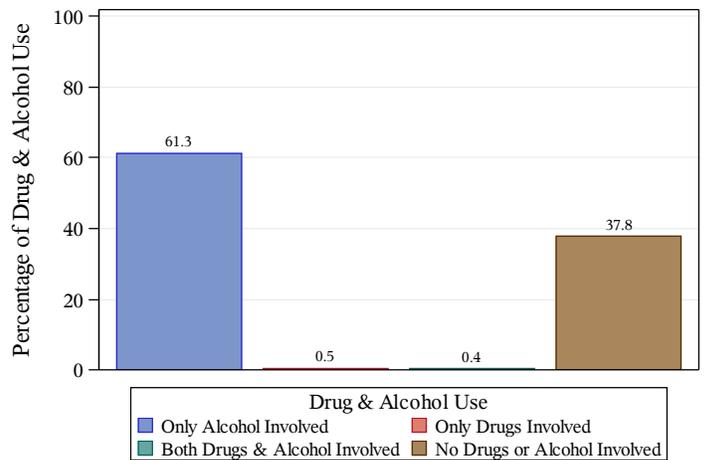
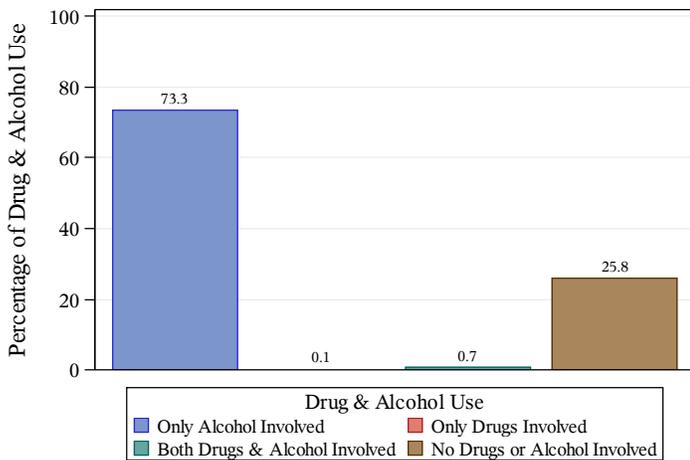
2018

December 2018 to November 2019



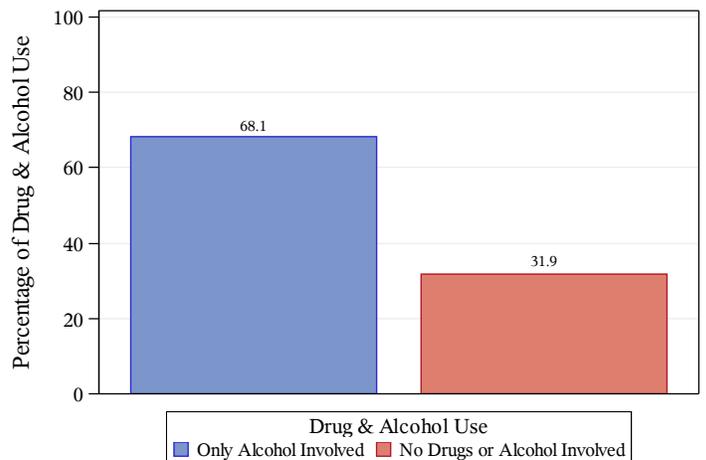
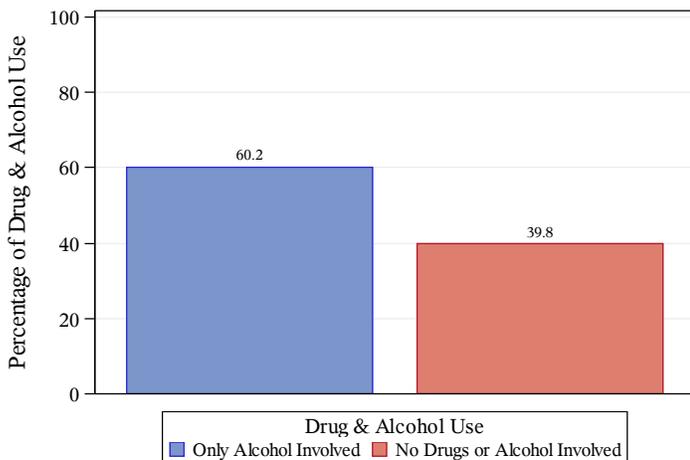
Motorcycle  
December 2018 to November 2019

Automobile  
December 2018 to November 2019



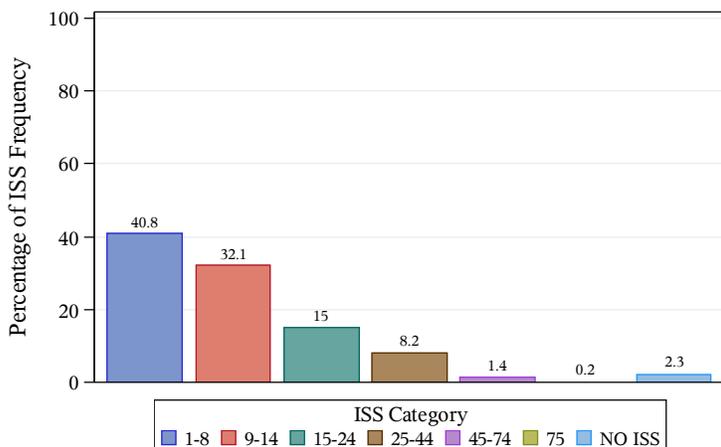
Bicyclist  
December 2018 to November 2019

Pedestrian  
December 2018 to November 2019

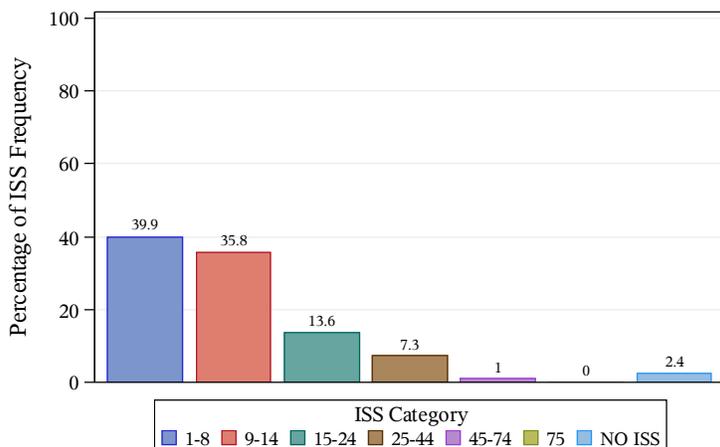


Injury Severity Score- Motor Vehicle Collision

2018

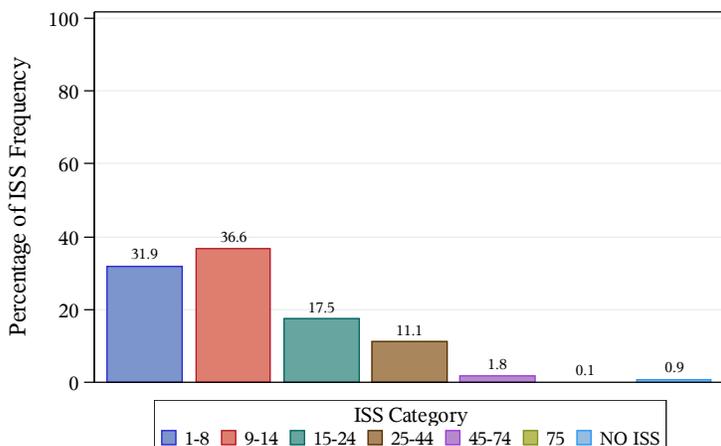


December 2018 to November 2019



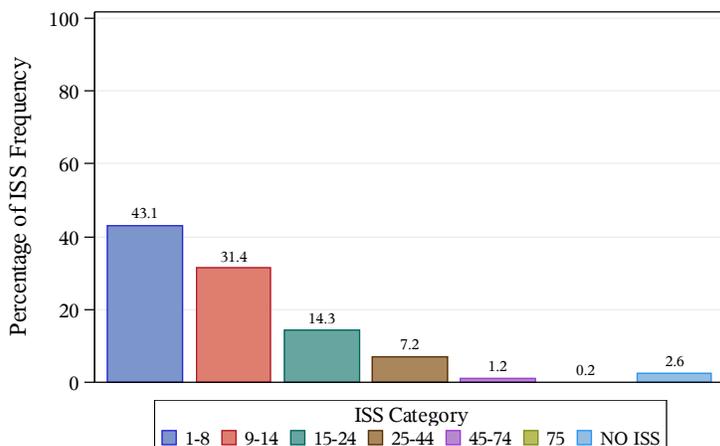
Motorcycle

December 2018 to November 2019



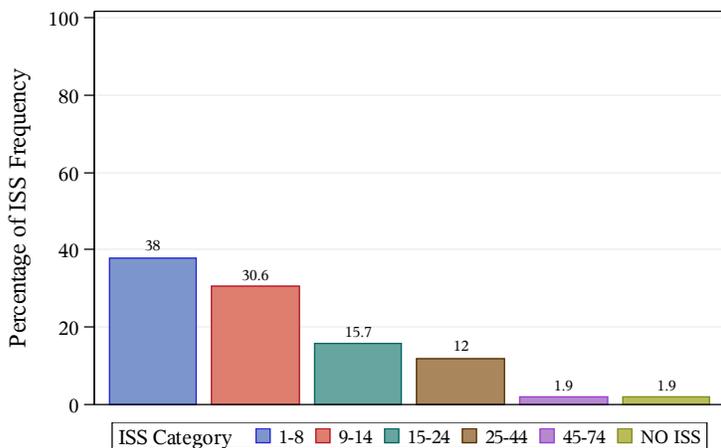
Automobile

December 2018 to November 2019



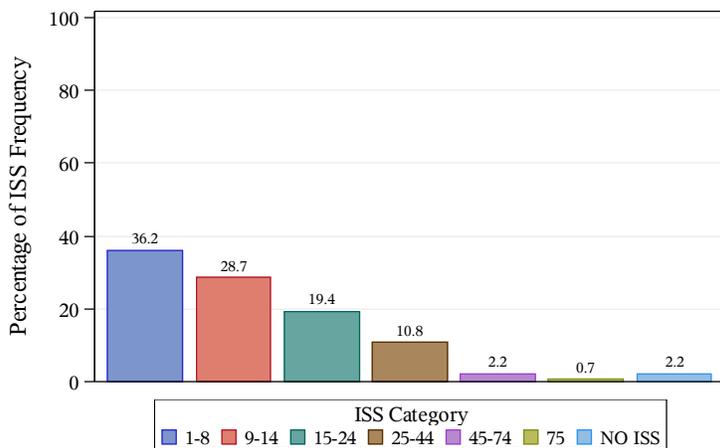
Bicyclist

December 2018 to November 2019



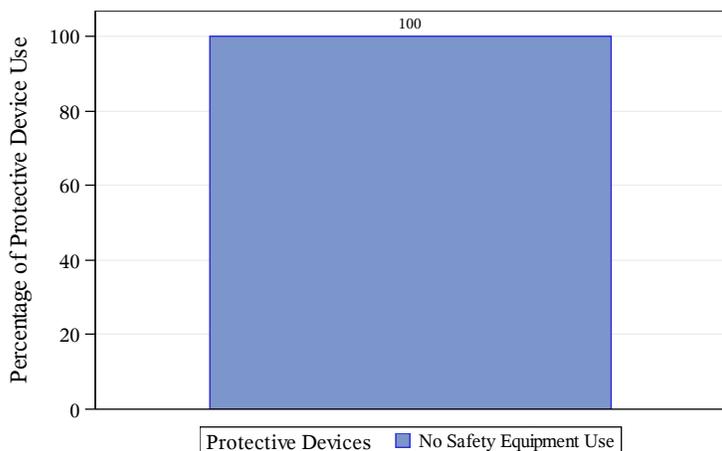
Pedestrian

December 2018 to November 2019

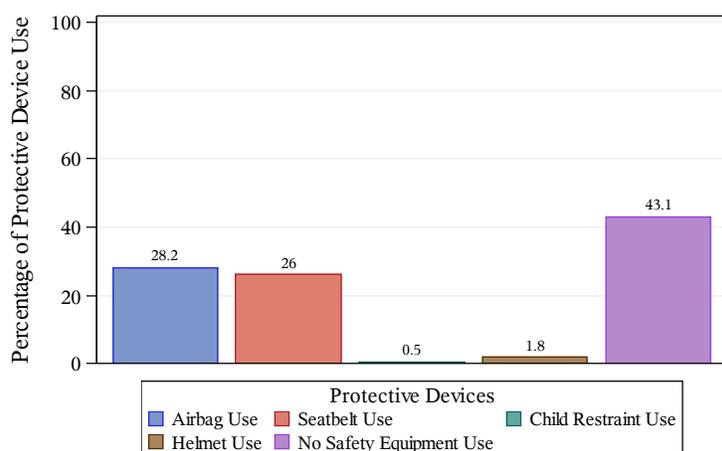


Protective Devices- Motor Vehicle Collision

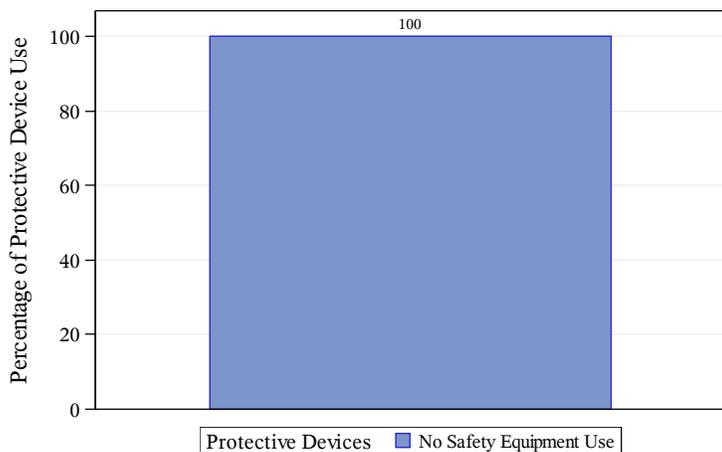
2018



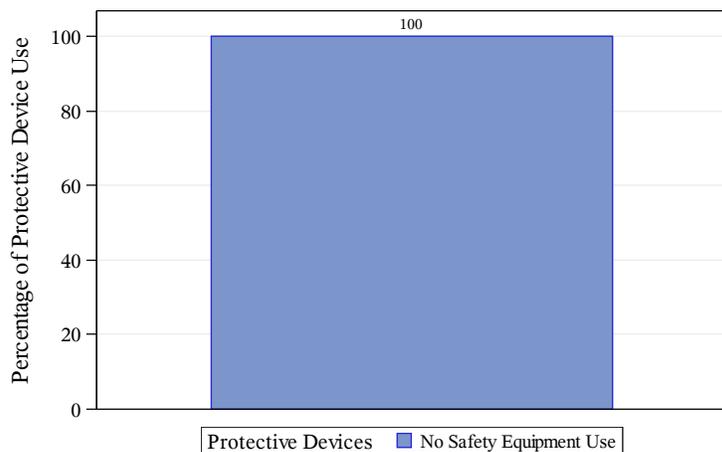
December 2018 to November 2019



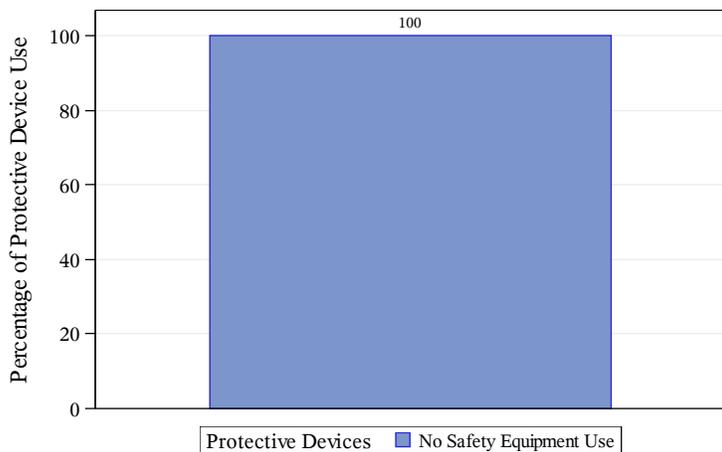
Motorcycle  
December 2018 to November 2019



Automobile  
December 2018 to November 2019



Bicyclist  
December 2018 to November 2019



Pedestrian  
December 2018 to November 2019

