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 September 6th, Ramzi Nimry (Statewide Trauma System Development and Training Manager) attended the District 6 TRAC at IU Health Tipton in Tipton, IN.

On September 11th, Ramzi Nimry (Statewide Trauma System Development and Training Manager) and Camry Hess (Data Analyst) attended the Performance Improvement (PI) Subcommittee meeting.

On September 13th, Ramzi Nimry (Statewide Trauma System Development and Training Manager) attended and presented at the ISDH and Coroner meeting.

On September 17th, Ramzi Nimry (Statewide Trauma System Development and Training Manager) trained a new staff member with Baptist Health Floyd on the trauma registry.

On September 18th, Ramzi Nimry (Statewide Trauma System Development and Training Manager) attended the District 2 TRAC at Community Hospital of Bremen in Bremen, IN.

On September 28th, Ramzi Nimry (Statewide Trauma System Development and Training Manager) attended as an exhibiter at the Indiana State Nurses Association Conference in Indianapolis, IN.

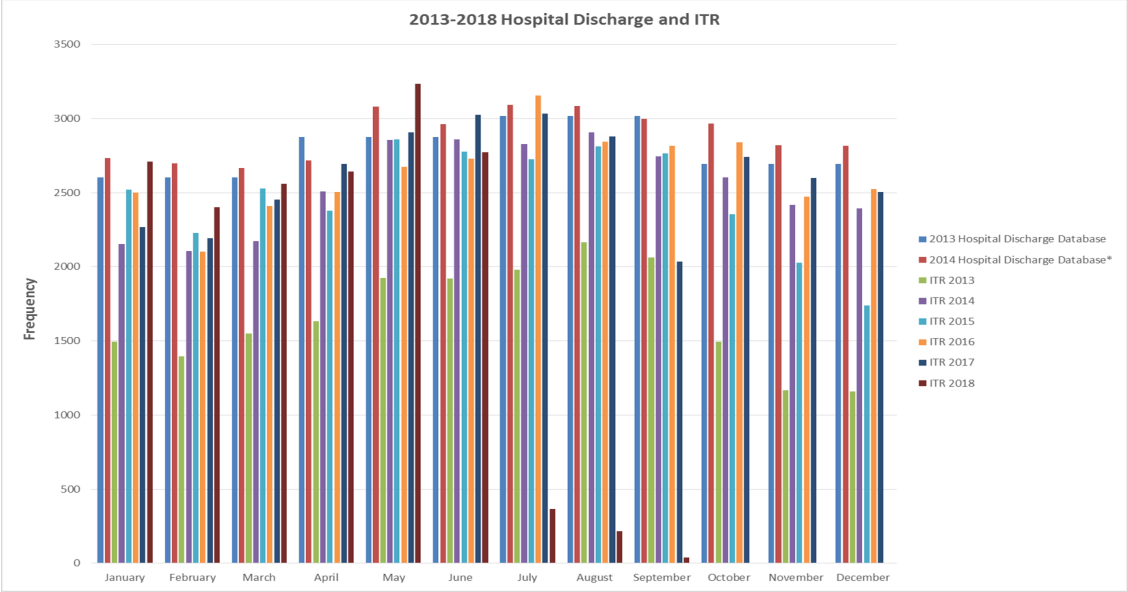
Indiana Trauma Registry

Monthly Report for September 2018

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).

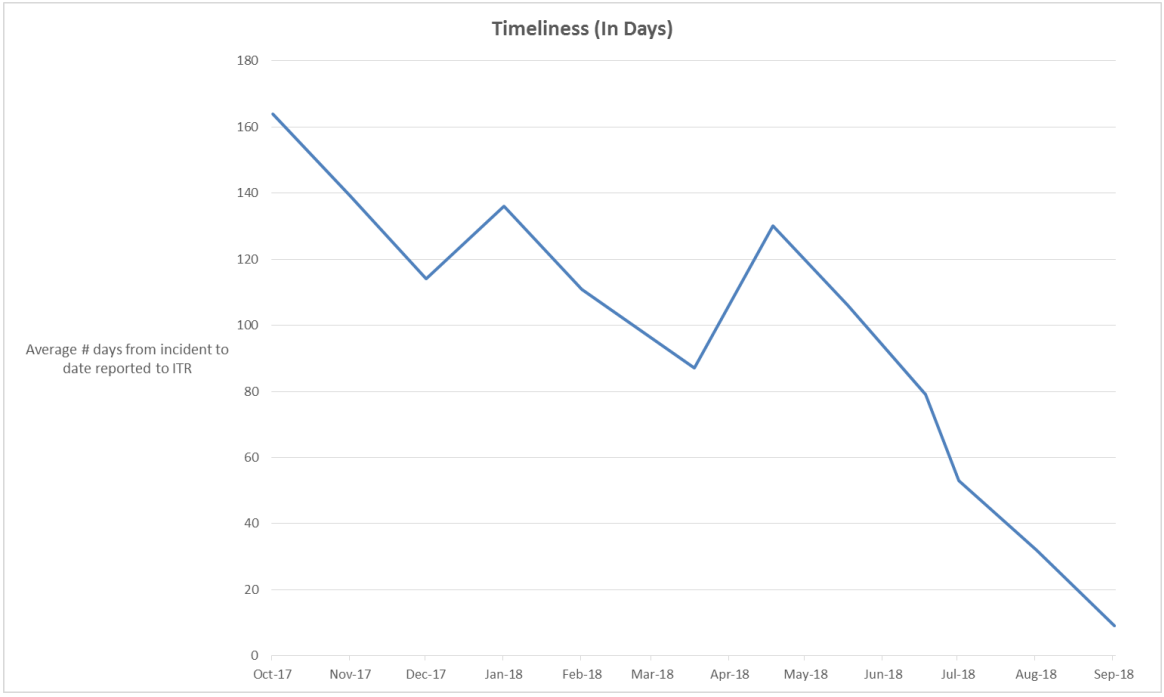
Completeness

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.



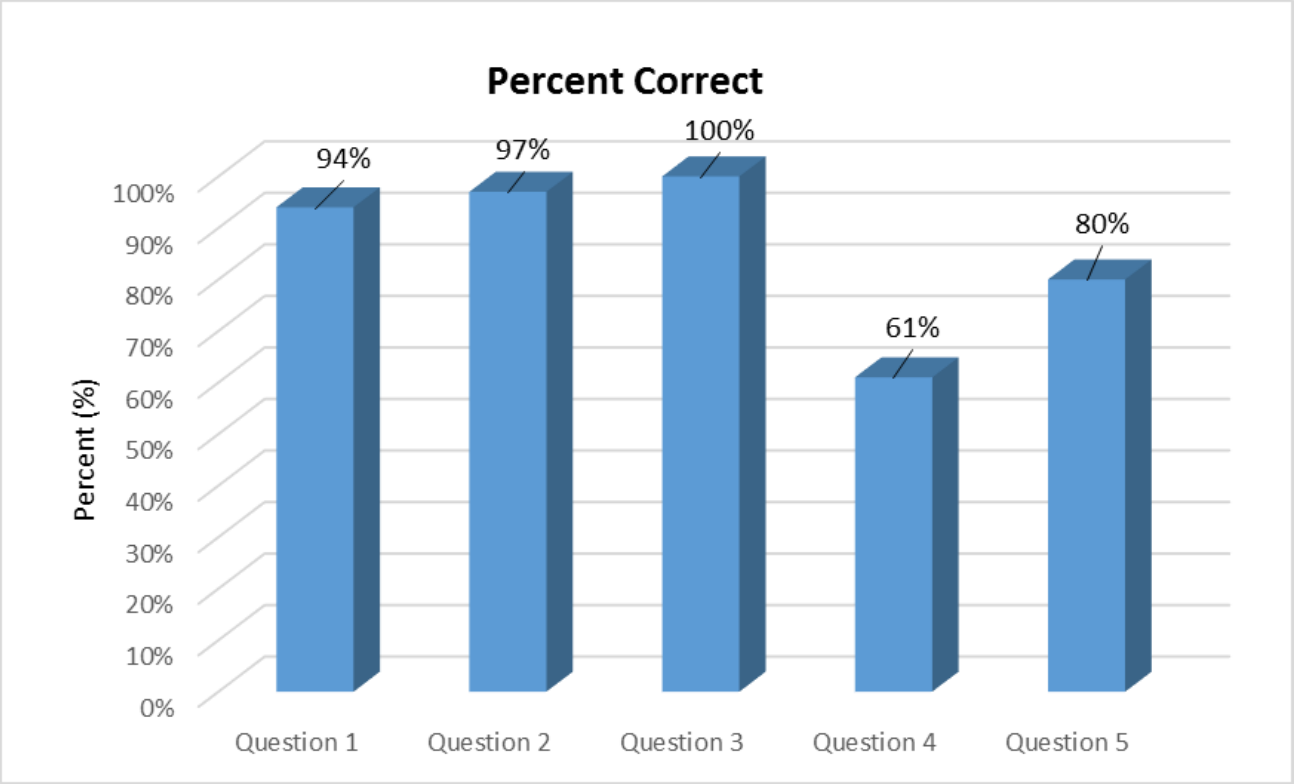
Timeliness

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 90 days.



Uniformity

In September we sent out the fiftieth monthly quiz for the inter-rater reliability study. There were 36 participants from 22 (18% of hospitals with EDs in Indiana) hospitals who completed the quiz. The percent correct was 86% 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 Indiana State Department of Health.



Integration

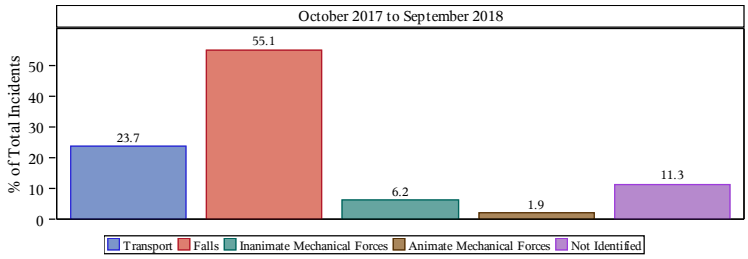
The number of linked EMS to trauma cases was 2,124 for Q4 2017 data. Trauma data is due on a quarterly basis.

Accessibility

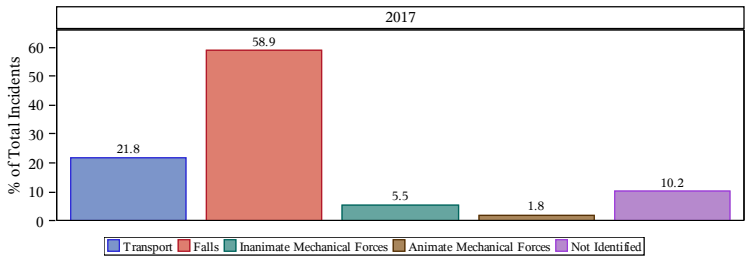
There were 3 aggregate data requests (1.3 days) in September. There were no self report or identifiable requests.

January 2017 to December 2017 40116 Incidents
October 2017 September 2018 29457 Incidents
Cause of Injury (COI)

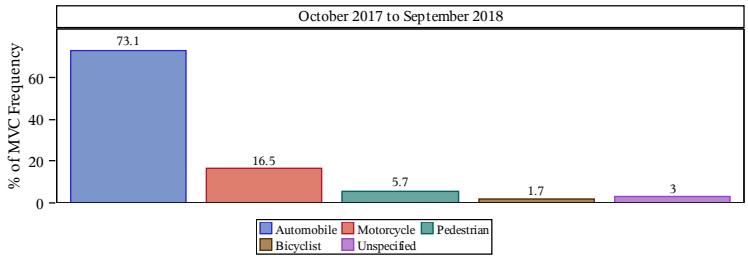
Cause of Injury (COI)



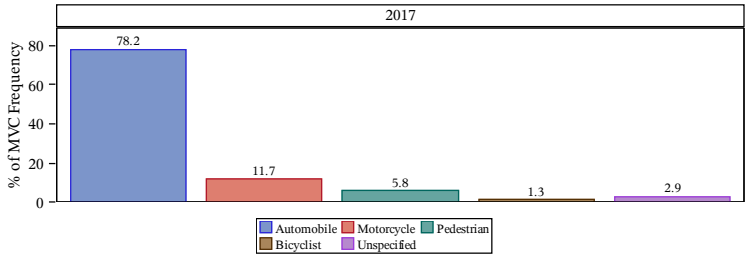
Cause of Injury (COI)



COI-Motor Vehicle Collision (MVC)

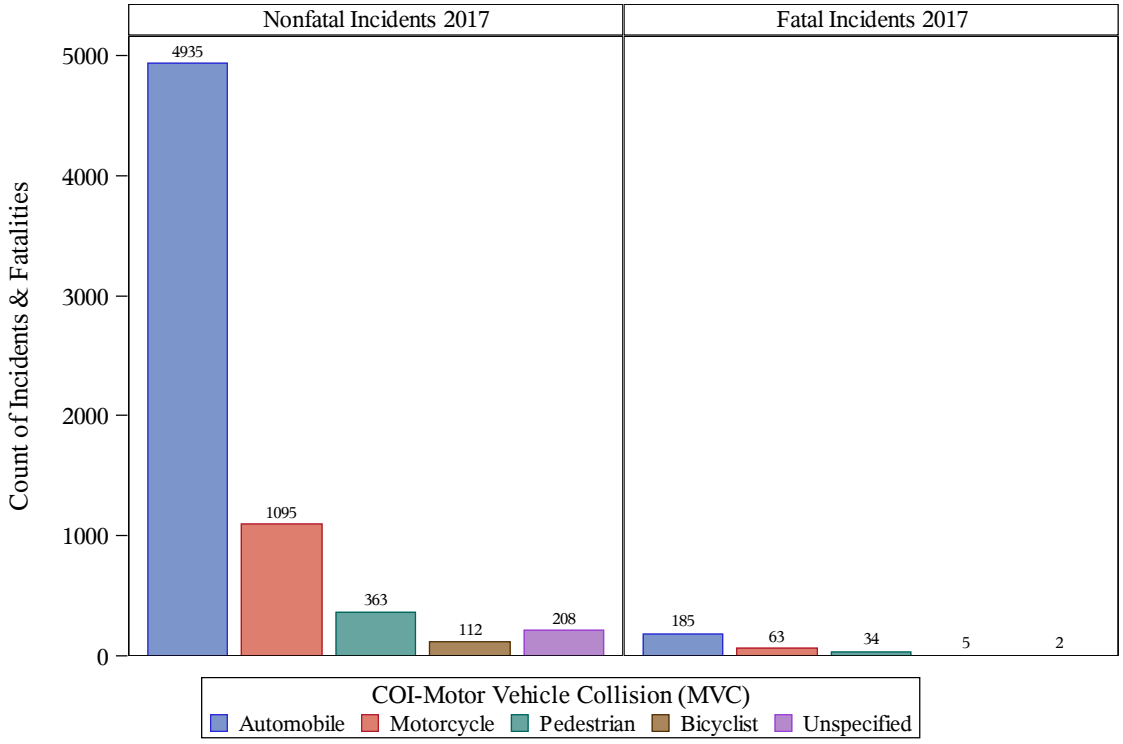


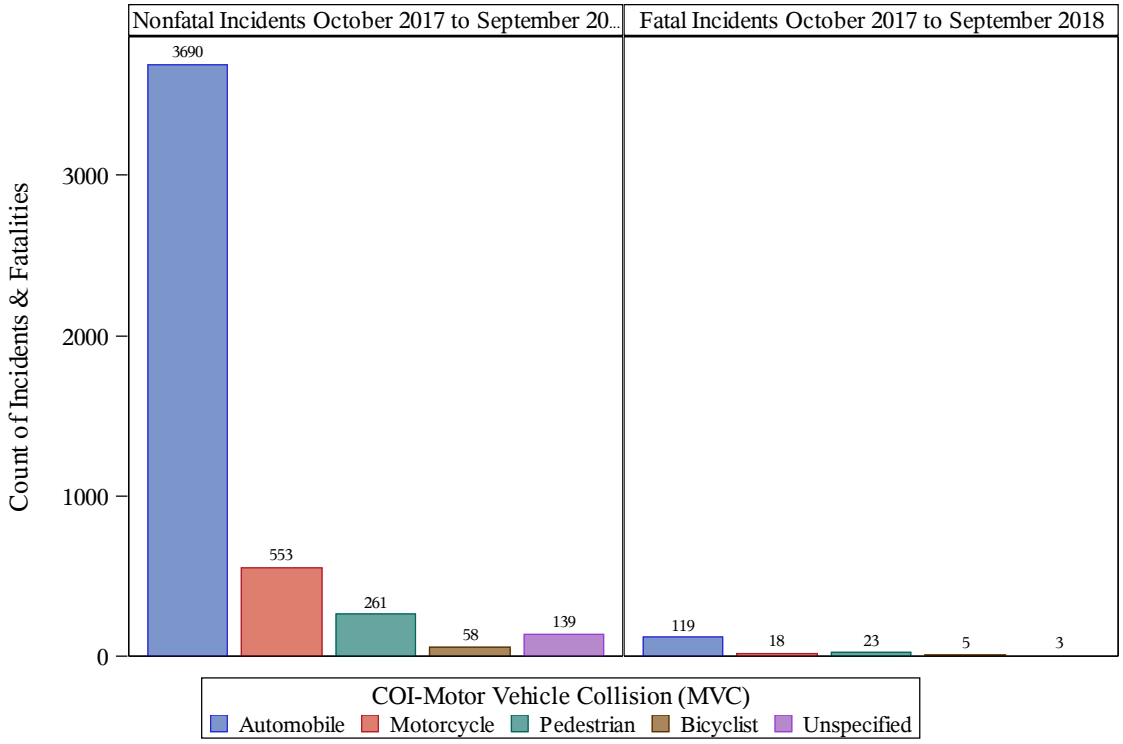
COI-Motor Vehicle Collision (MVC)



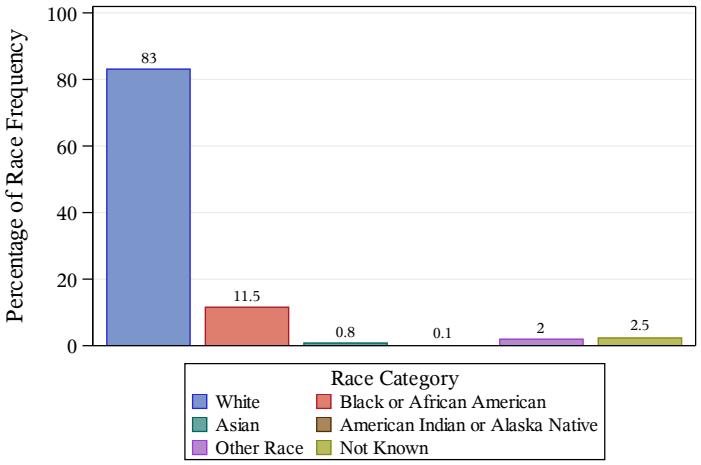
October 2017 to September 2018 4869 Incidents
January 2017 to December 2017 7002 Incidents
Motor Vehicle Collision

COI-MVC Nonfatal Incidents and Fatal Incidents

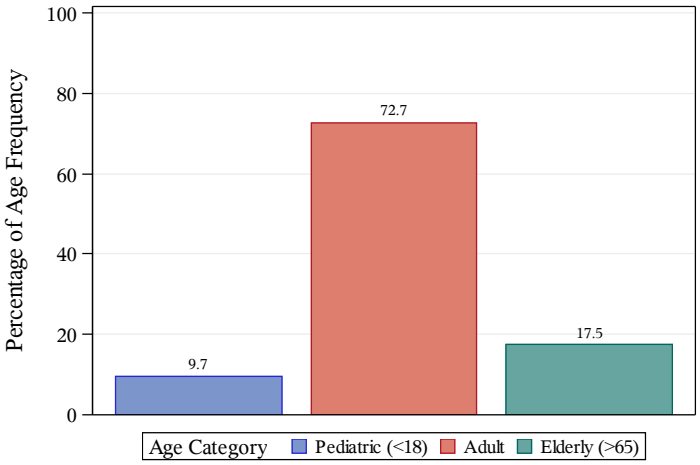




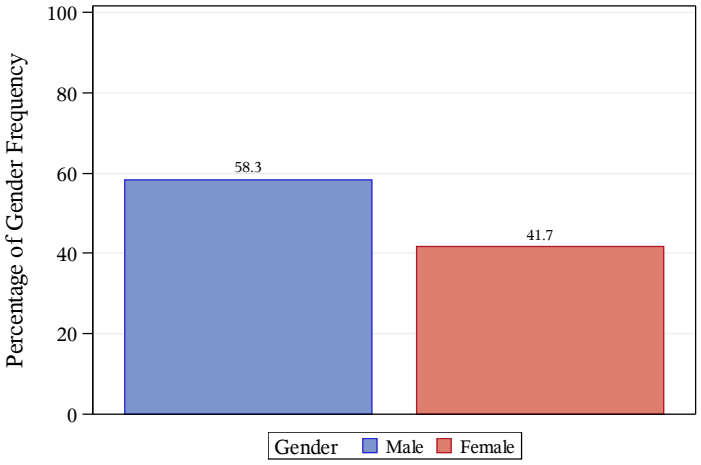
Race



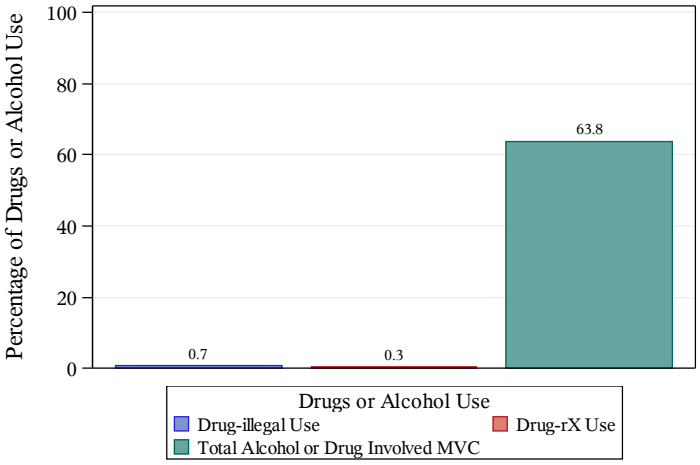
Age



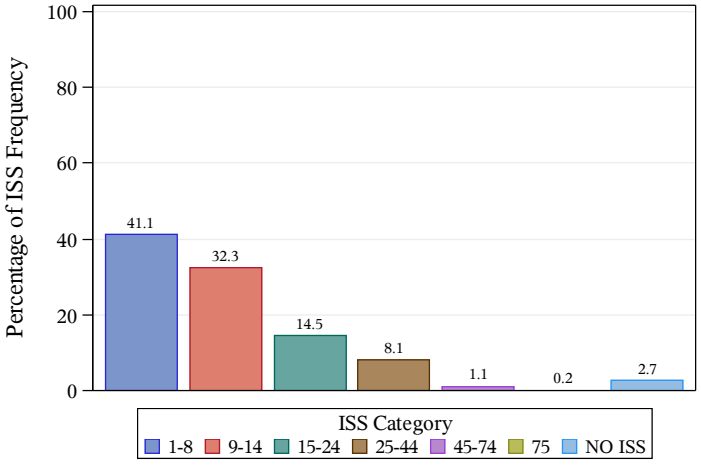
Gender



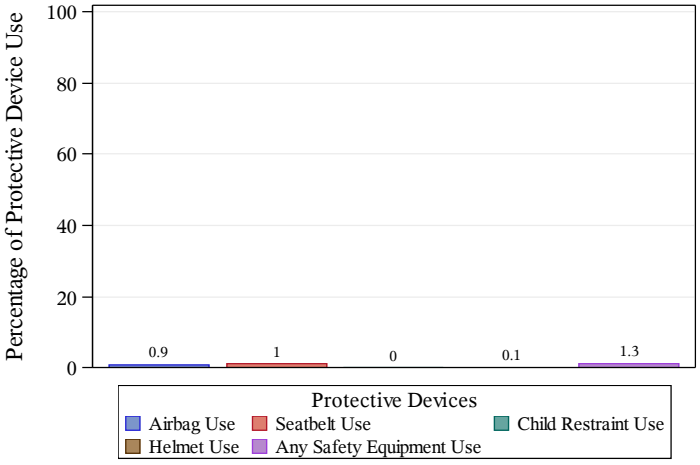
Drug & Alcohol Use



Injury Severity Score

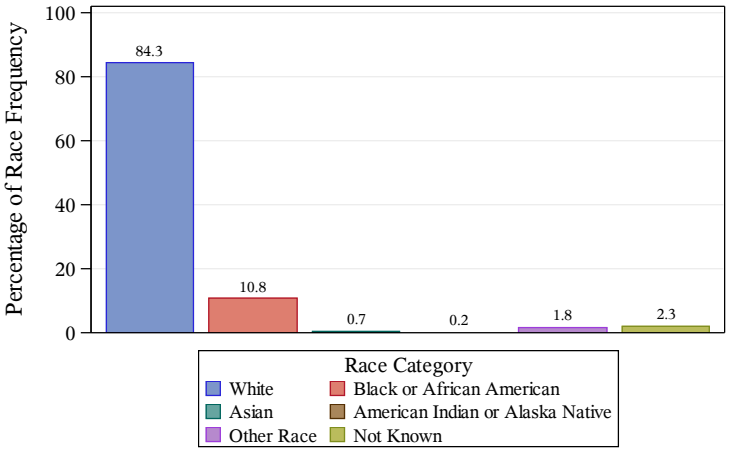


Protective Devices

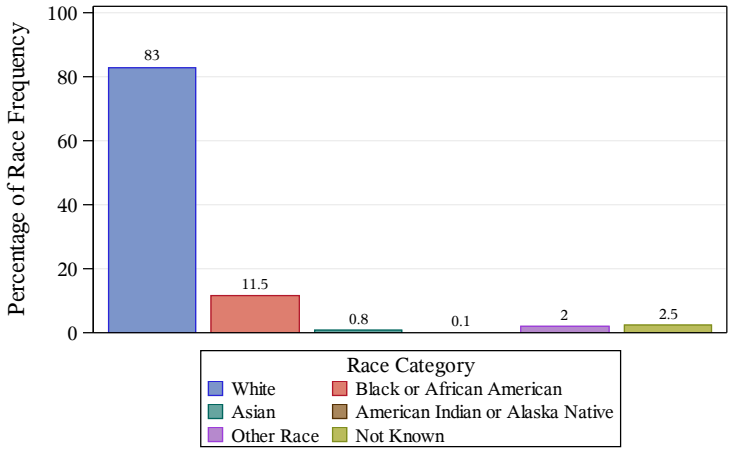


Injury Severity Score (ISS) is a measure of how bad the injury is. Scores over 15 are considered major trauma. A score of 75 is considered not survivable.

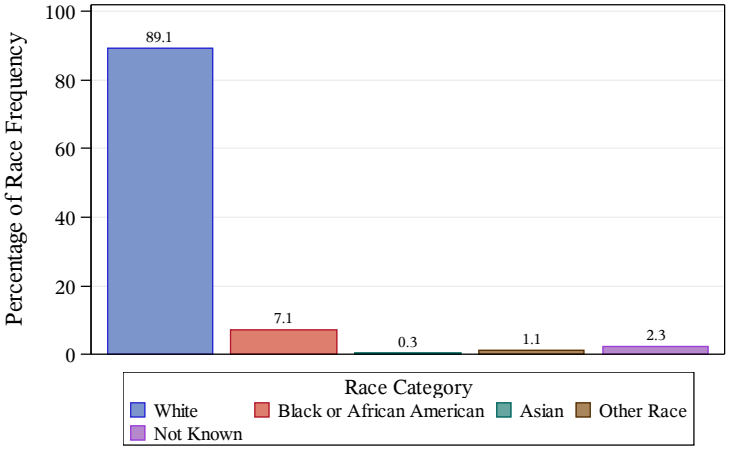
2017



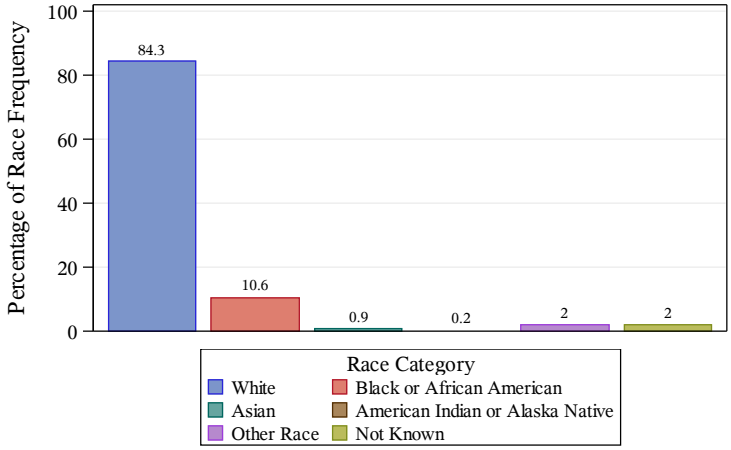
October 2017 to September 2018



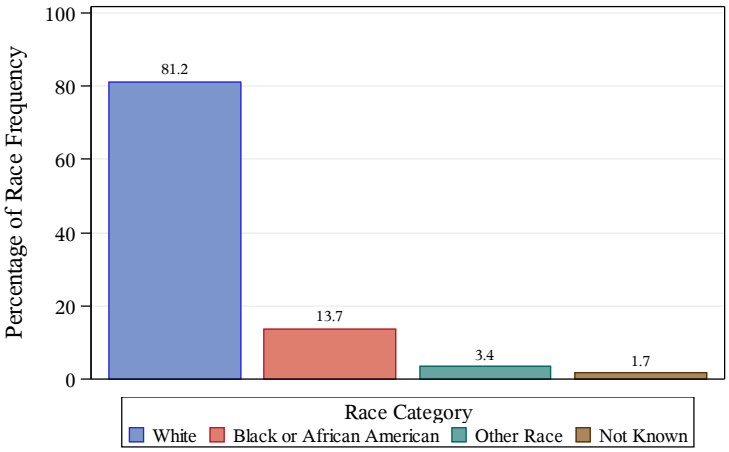
Motorcycle
October 2017 to September 2018



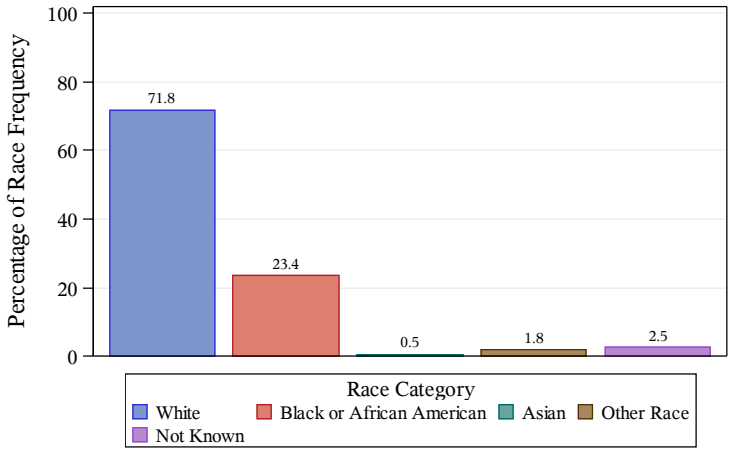
Automobile
October 2017 to September 2018



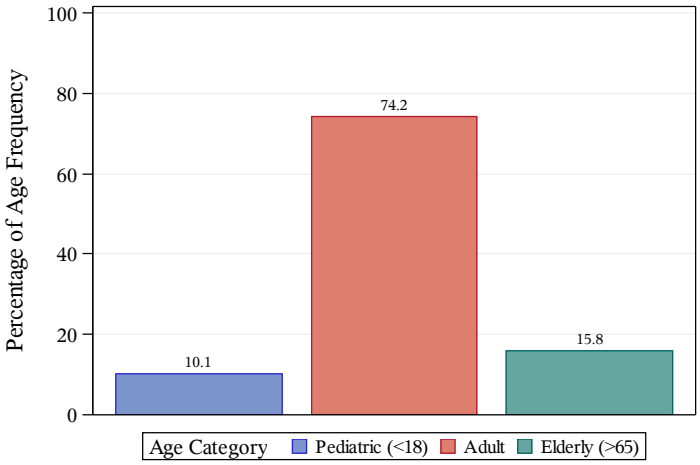
Bicyclist
October 2017 to September 2018



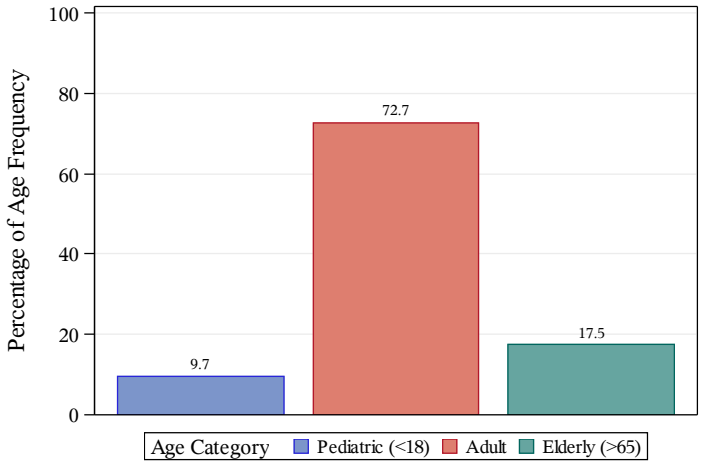
Pedestrian
October 2017 to September 2018



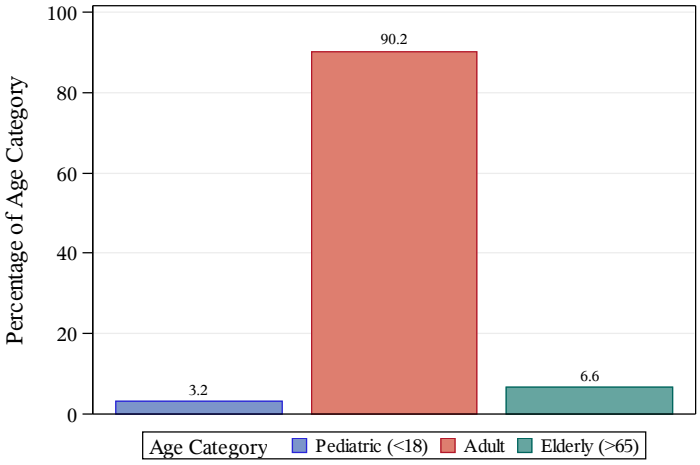
2017



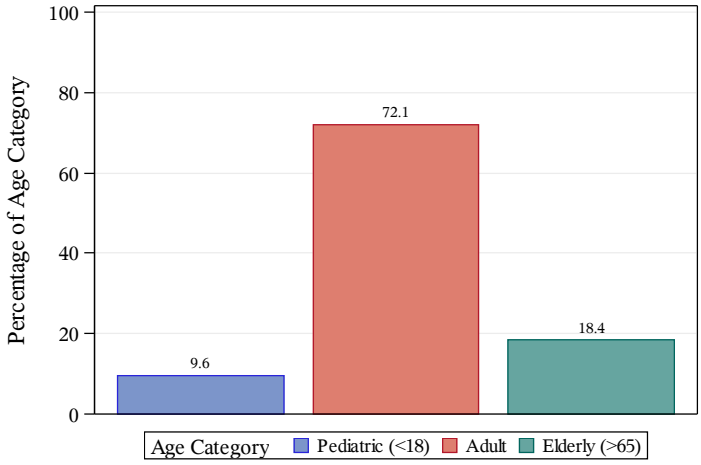
October 2017 to September 2018



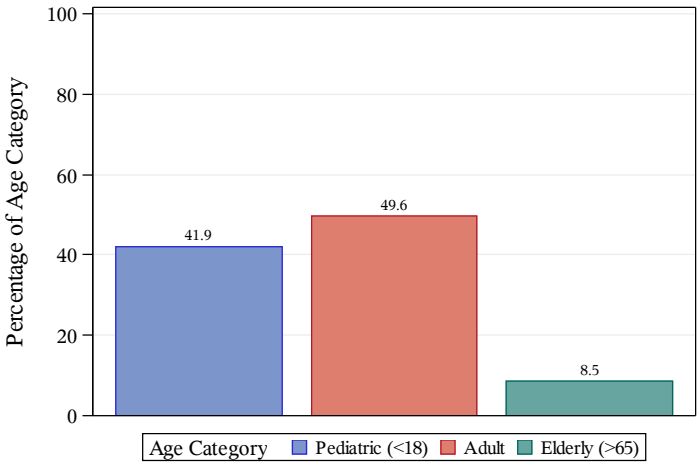
Motorcycle
October 2017 to September 2018



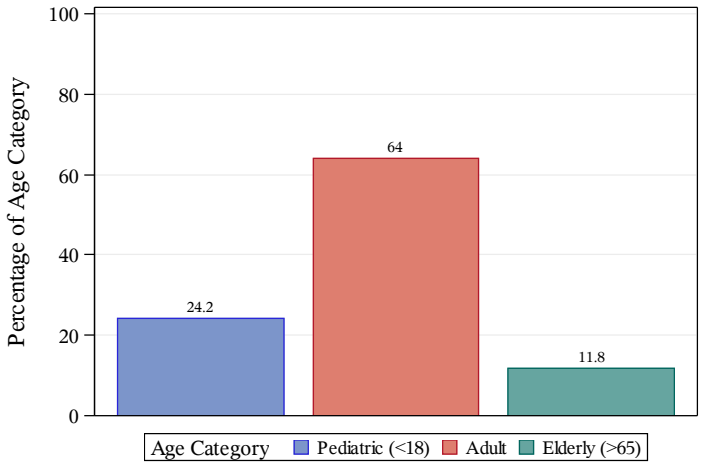
Automobile
October 2017 to September 2018



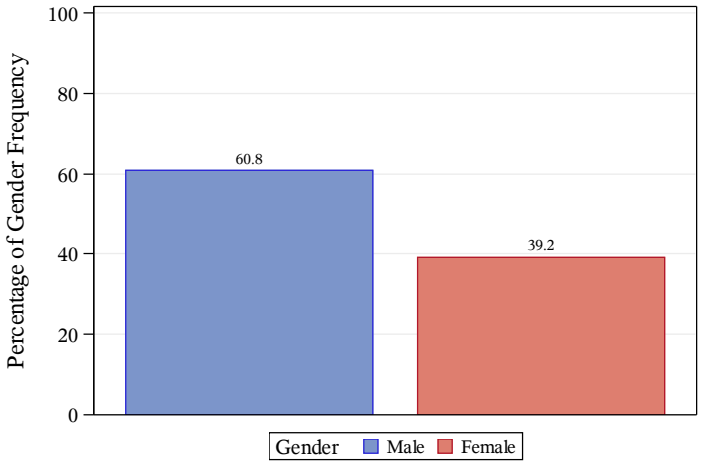
Bicyclist
October 2017 to September 2018



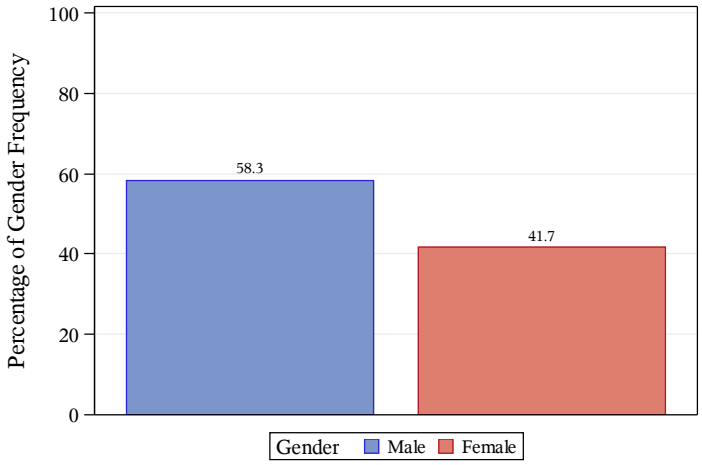
Pedestrian
October 2017 to September 2018



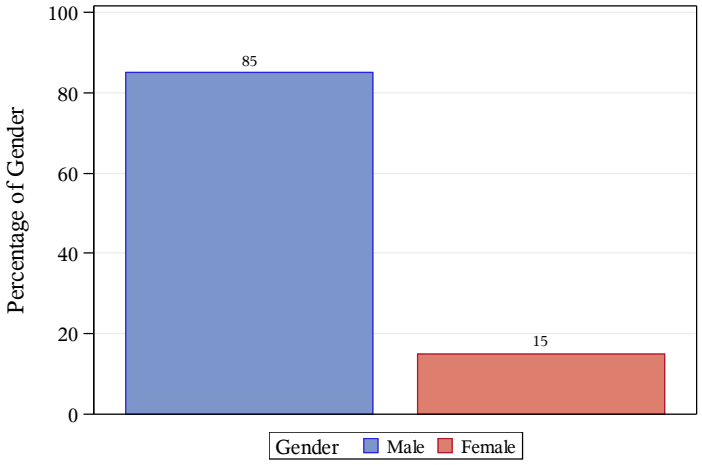
2017



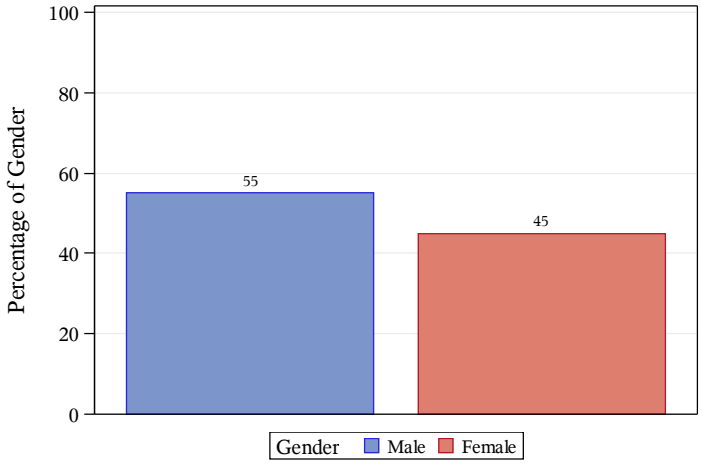
October 2017 to September 2018



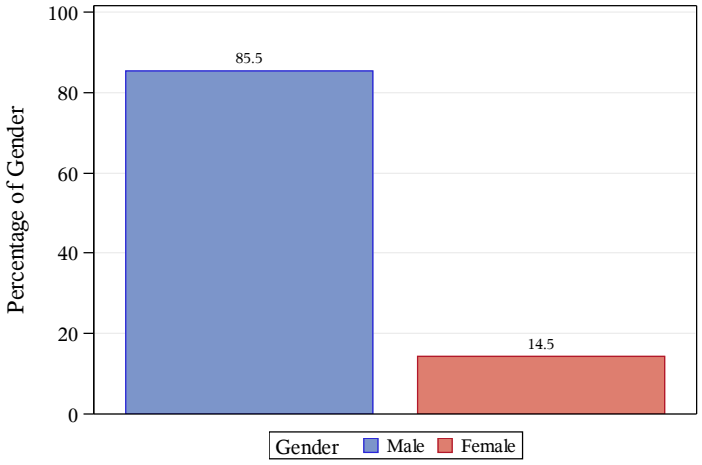
Motorcycle
October 2017 to September 2018



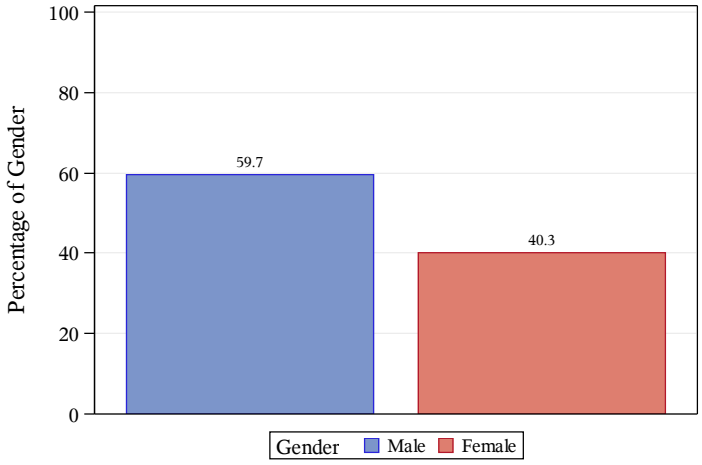
Automobile
October 2017 to September 2018



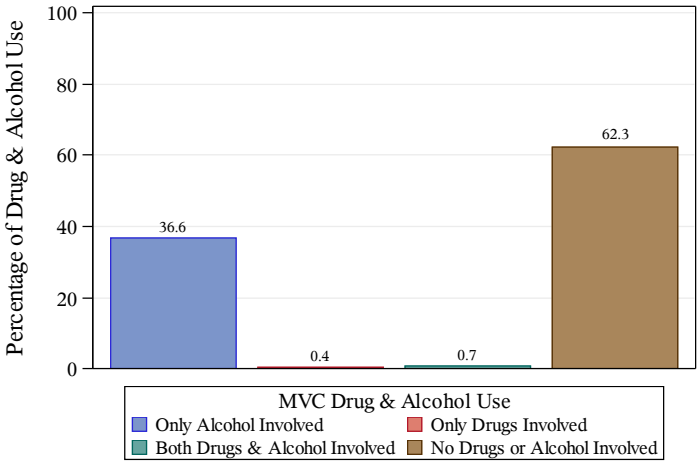
Bicyclist
October 2017 to September 2018



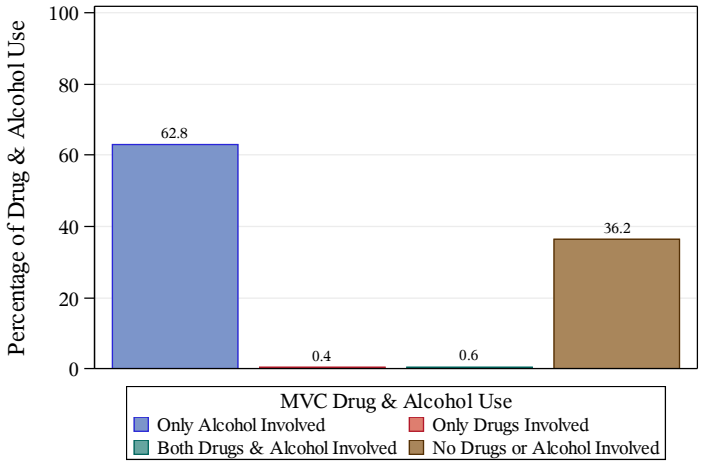
Pedestrian
October 2017 to September 2018



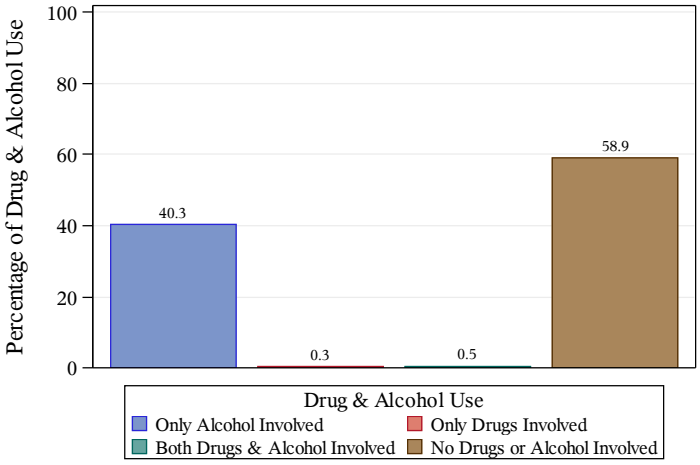
2017



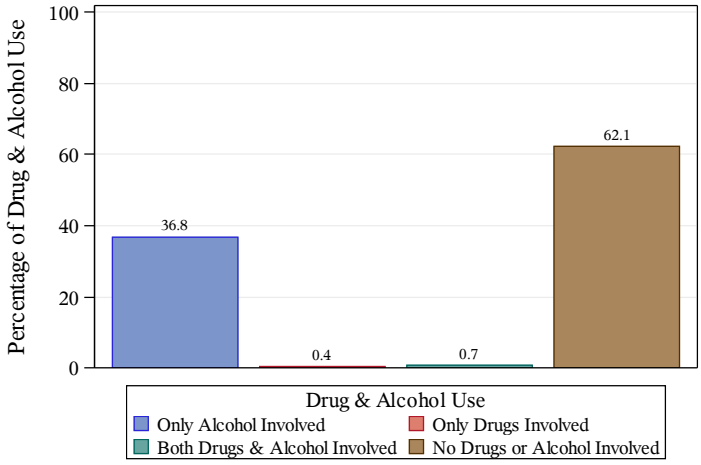
October 2017 to September 2018



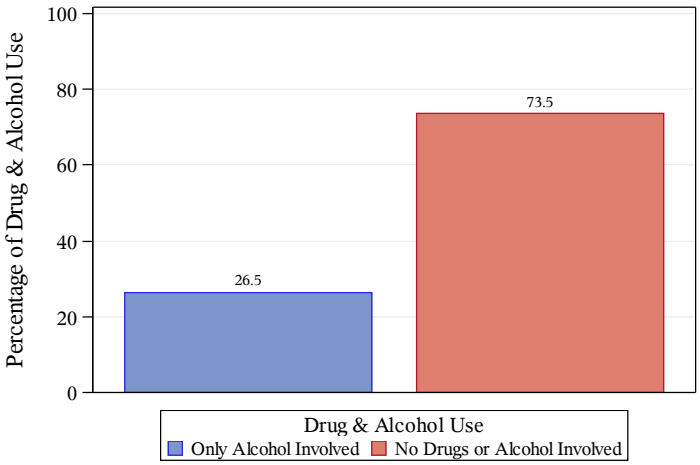
Motorcycle
October 2017 to September 2018



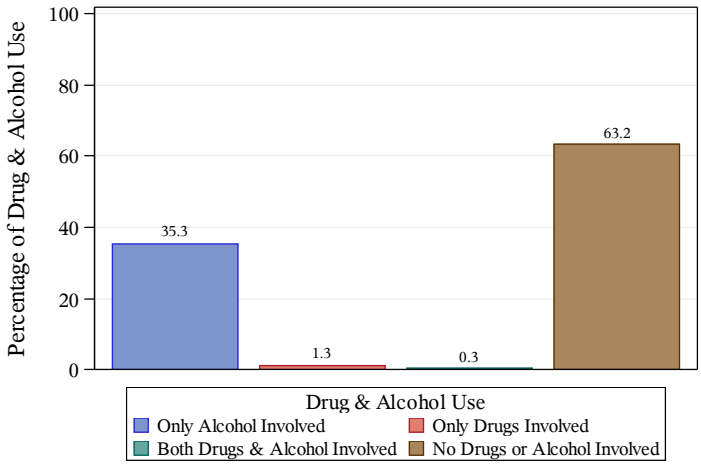
Automobile
October 2017 to September 2018



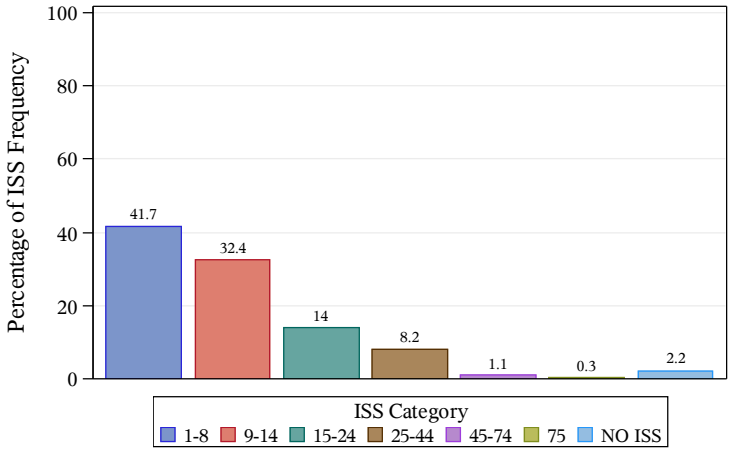
Bicyclist
October 2017 to September 2018



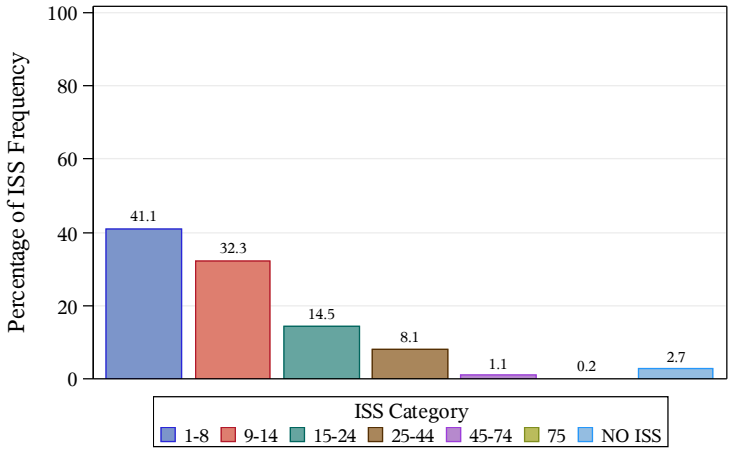
Pedestrian
October 2017 to September 2018



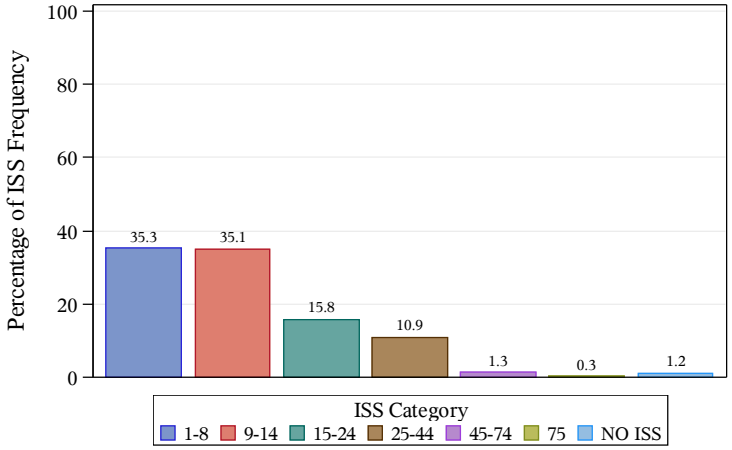
2017



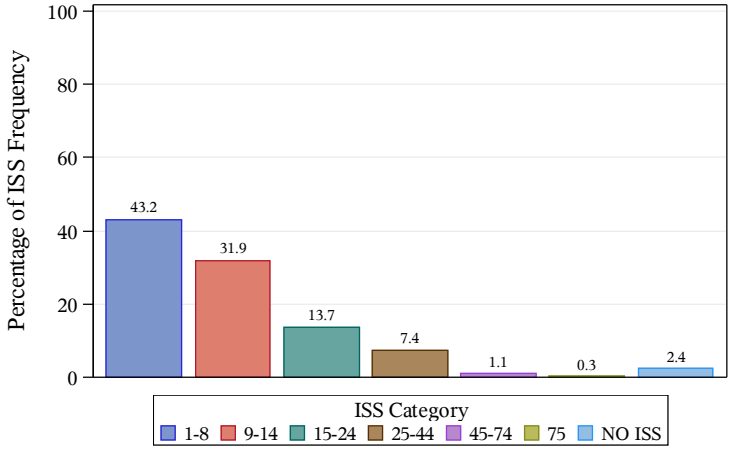
October 2017 to September 2018



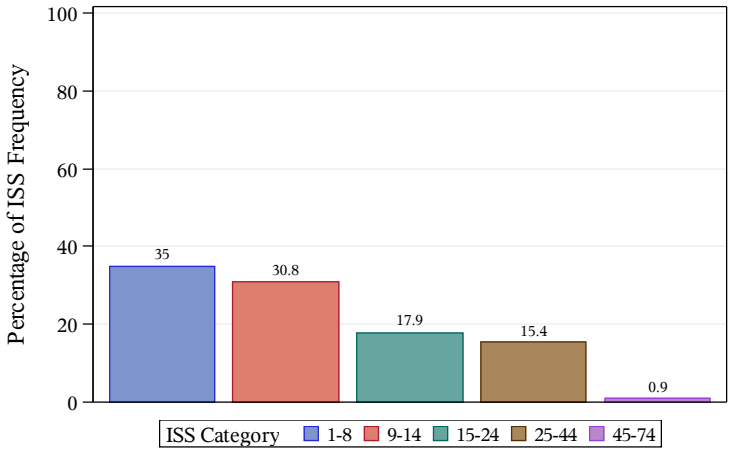
Motorcycle
October 2017 to September 2018



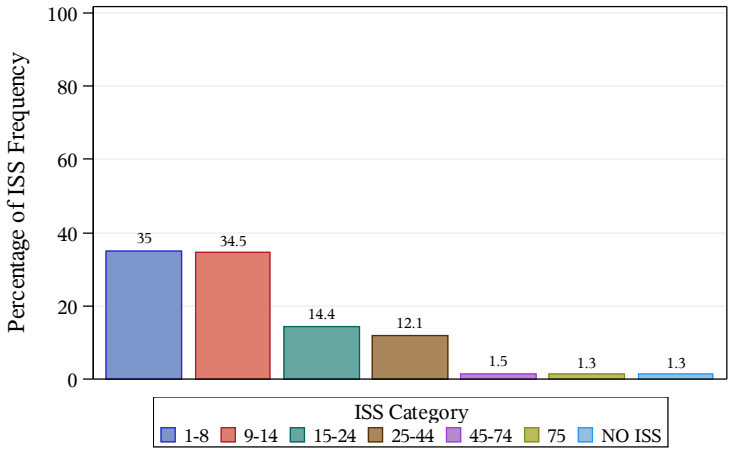
Automobile
October 2017 to September 2018



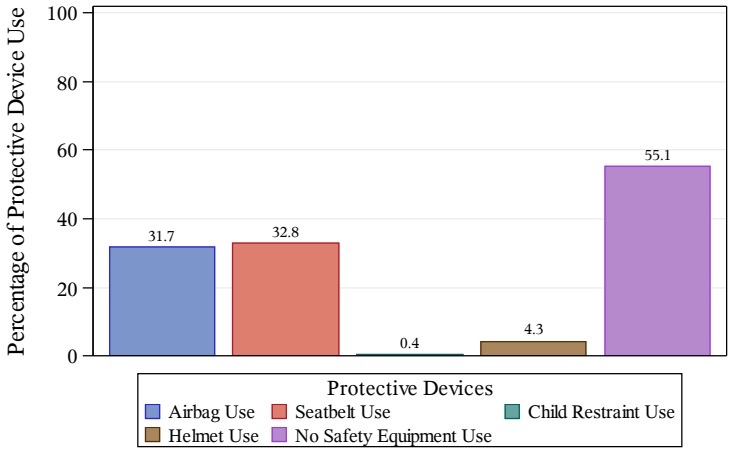
Bicyclist
October 2017 to September 2018



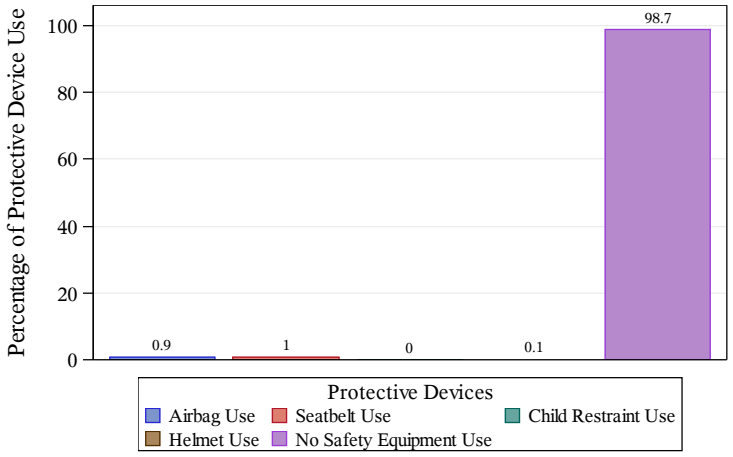
Pedestrian
October 2017 to September 2018



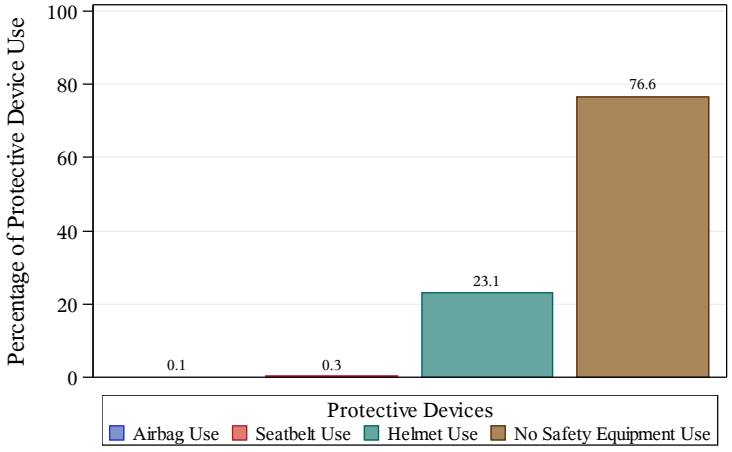
2017



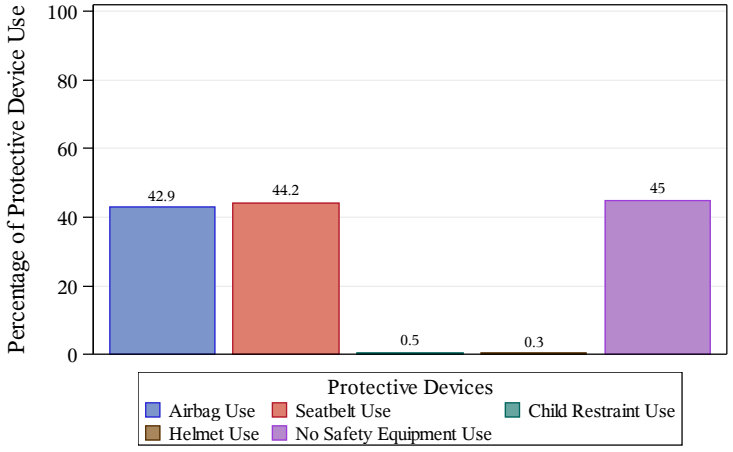
October 2017 to September 2018



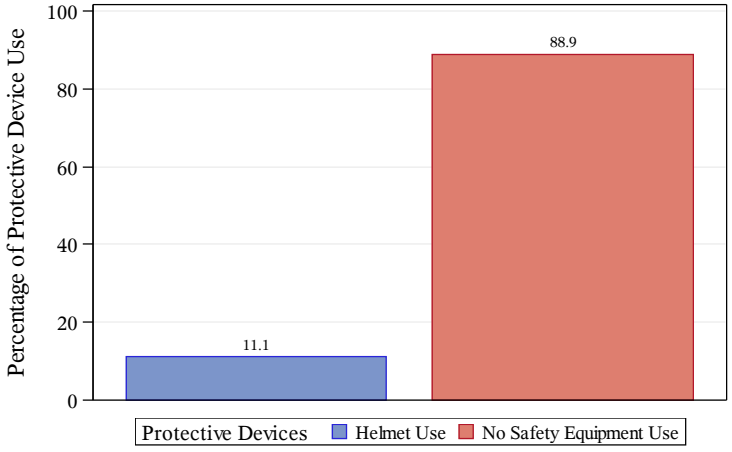
Motorcycle
October 2017 to September 2018



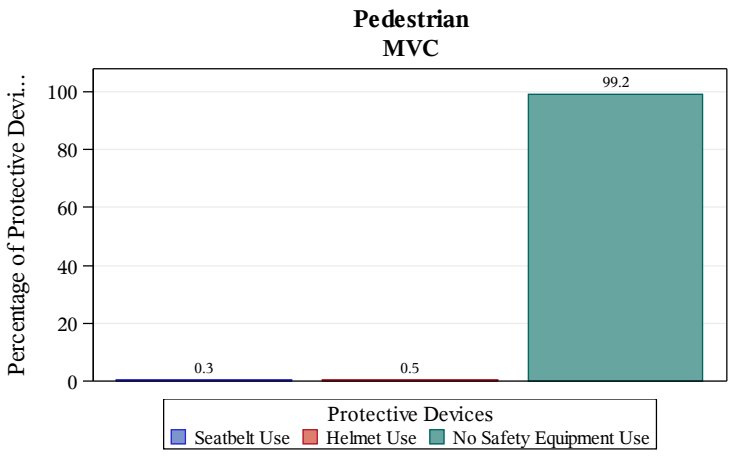
Automobile
October 2017 to September 2018

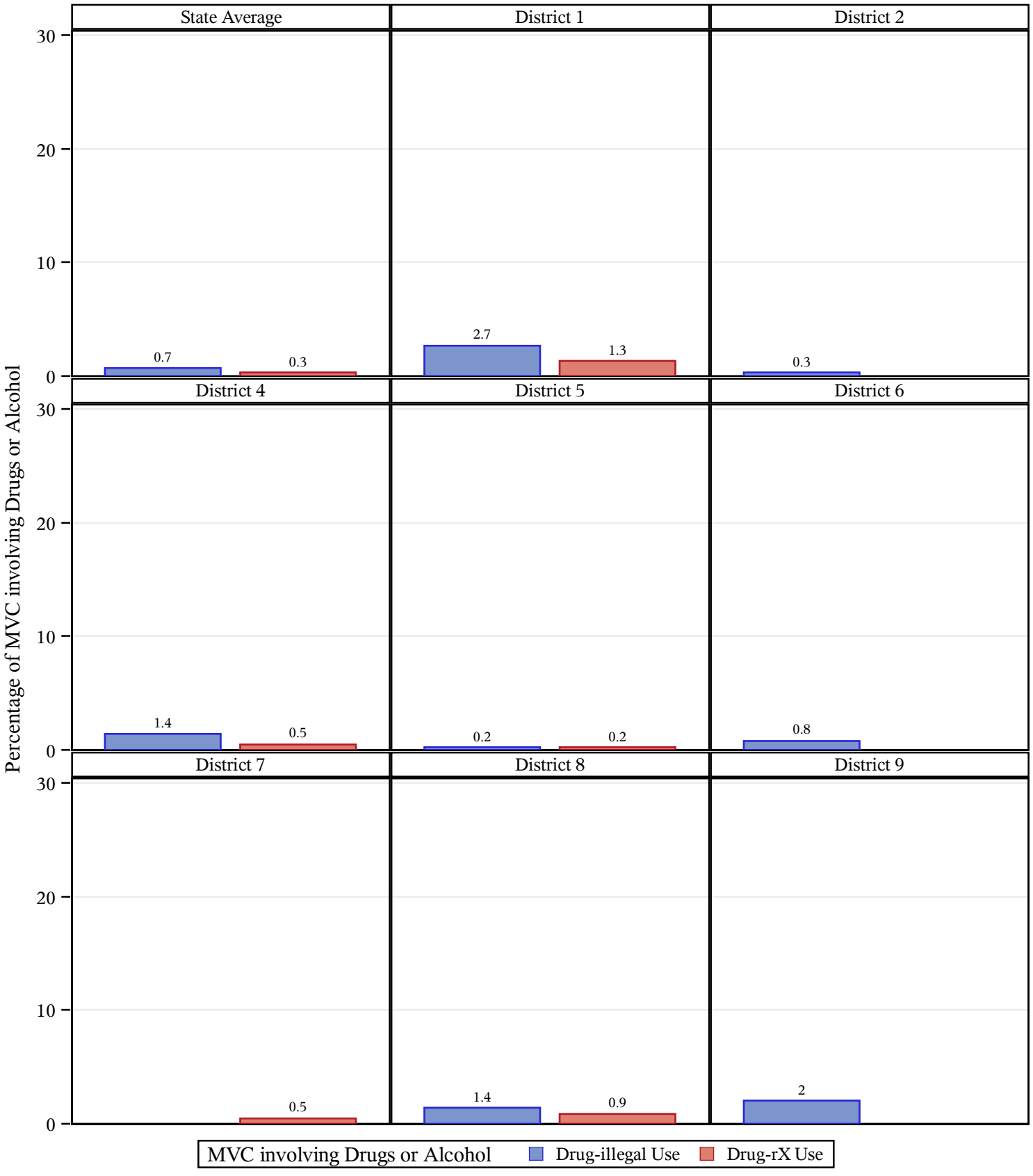


Bicyclist
October 2017 to September 2018



Pedestrian
October 2017 to September 2018




State Average
District 1
District 2
District 4
District 5
District 6
District 7
District 8
District 9
Percentage of MVC involving Drugs or Alcohol
0
10
20
30
0.7
0.3
2.7
1.3
0.3
1.4
0.5
0.2
0.2
0.8
0.5
1.4
0.9
2
MVC involving Drugs or Alcohol
Drug-illegal Use
Drug-rX Use