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 December 4th, Ramzi Nimry (Statewide Trauma System Development and Training Manager) attended the District 2 TRAC at Woodlawn Hospital in Rochester, IN.

On December 5th, Ramzi Nimry (Statewide Trauma System Development and Training Manager) trained the Goshen Hospital on the Indiana Trauma Registry.

On December 13th, Ramzi Nimry (Statewide Trauma System Development and Training Manager) attended the District 3 TRAC at the Public Safety Academy in Fort Wayne, IN.

On December 14th, Ramzi Nimry (Statewide Trauma System Development and Training Manager) and Camry Hess attended the Trauma System Planning Subcommittee in Indianapolis.

On December 14th, Ramzi Nimry (Statewide Trauma System Development and Training Manager) and Camry Hess attended the Indiana State Trauma Care Committee meeting in Indianapolis.

On December 14th, Ramzi Nimry (Statewide Trauma System Development and Training Manager) and Camry Hess attended the Indiana Trauma Network meeting in Indianapolis.

On December 19th, Ramzi Nimry (Statewide Trauma System Development and Training Manager) attended the District 5 TRAC at Indianapolis EMS in Indianapoli, IN.

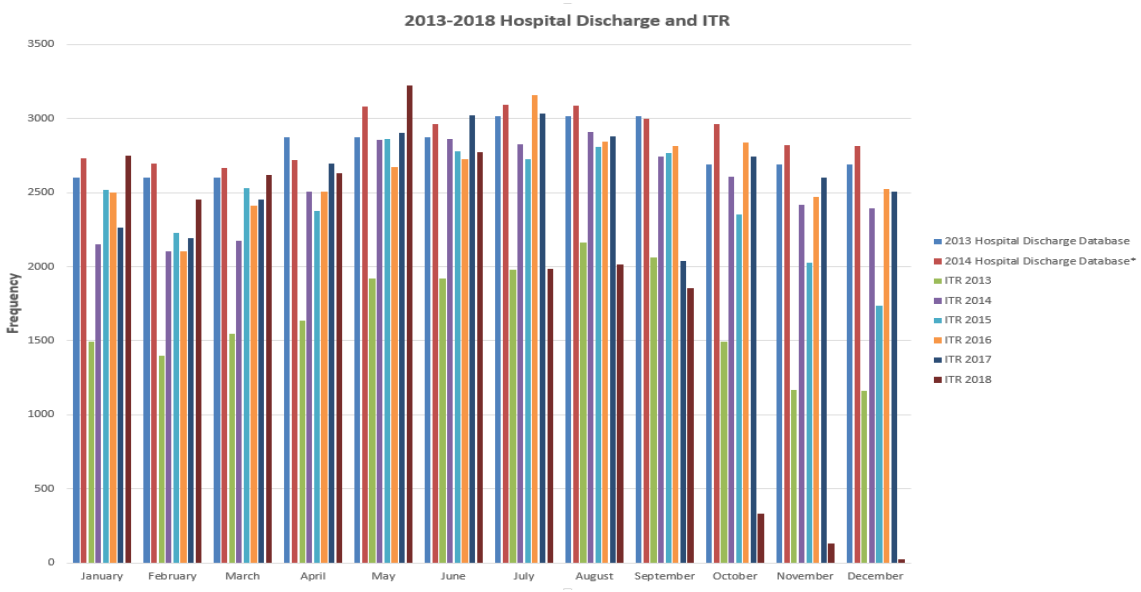
Indiana Trauma Registry

Monthly Report for December 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).

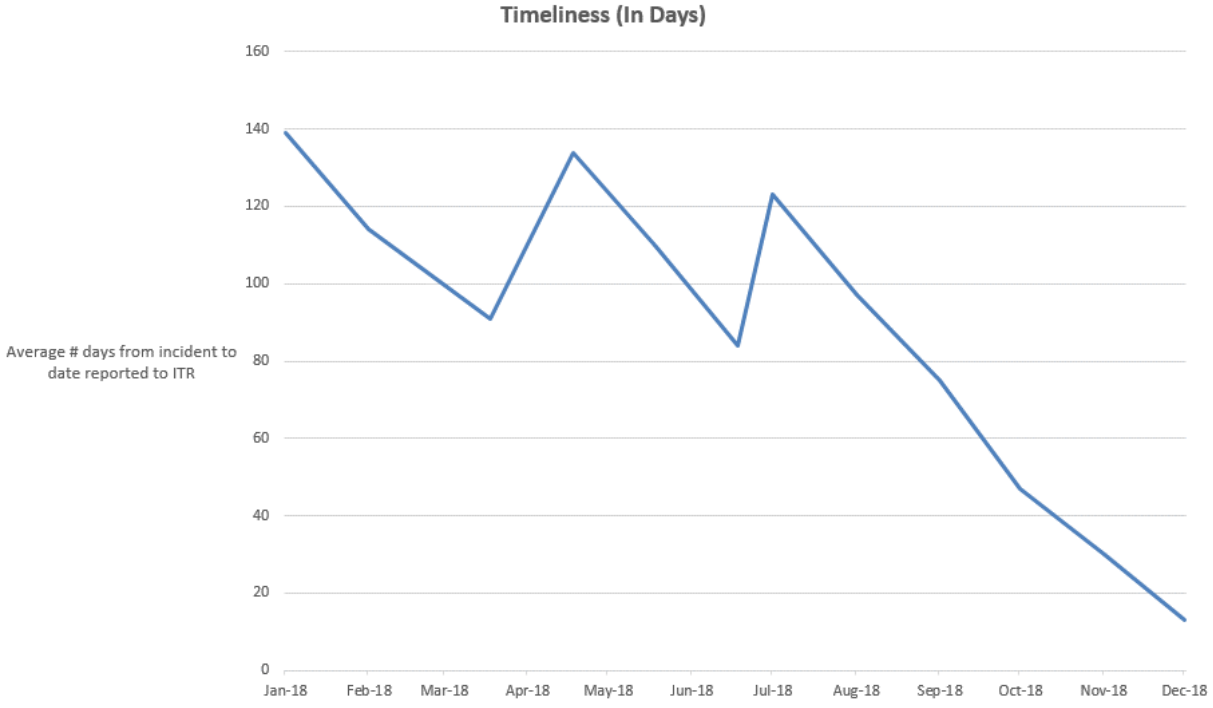
Completeness

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 73% complete.



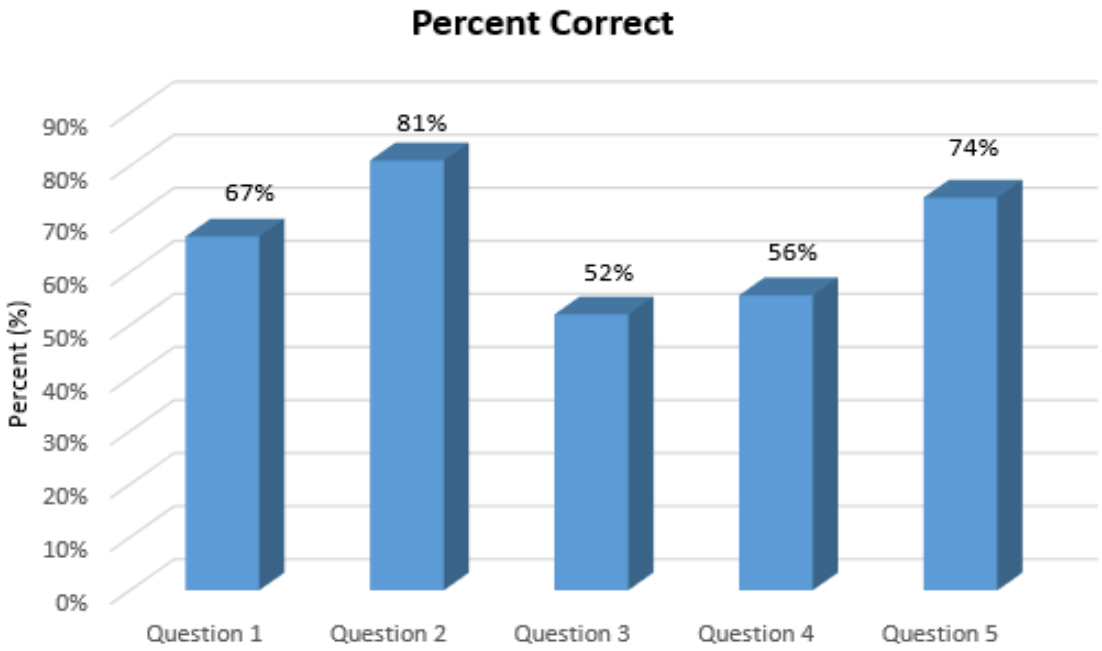
Timeliness

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 88 days.



Uniformity

In December we sent out the fifty-third monthly quiz for the inter-rater reliability study. There were 29 participants from 29 (24% of hospitals with EDs in Indiana) hospitals who completed the quiz. The percent correct was 84% 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

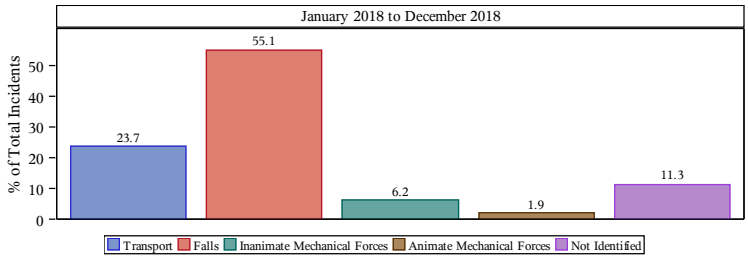
The number of linked EMS to trauma cases was 2,124 for Q4 2017 data. Trauma data are due on a quarterly basis.

Accessibility

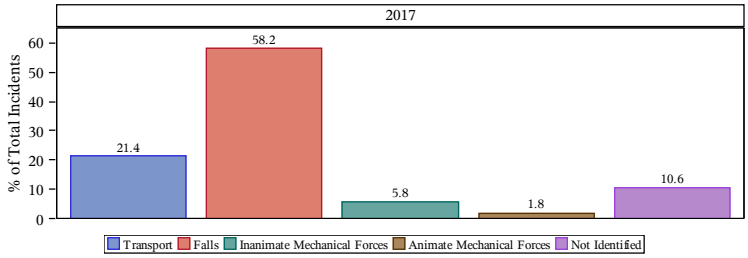
There was 1 aggregate data request (1 day) and 1 self-report (1 day) in December. There were no identifiable requests.

January 2017 to December 2017 40116 Incidents
January 2018 November 2018 26861 Incidents
Cause of Injury (COI)

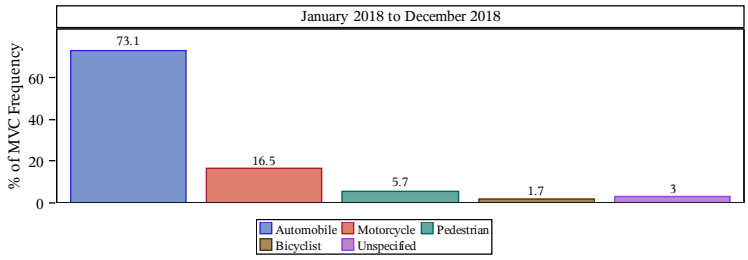
Cause of Injury (COI)



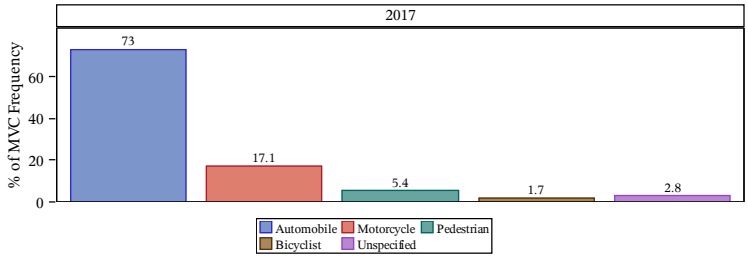
Cause of Injury (COI)



COI-Motor Vehicle Collision (MVC)

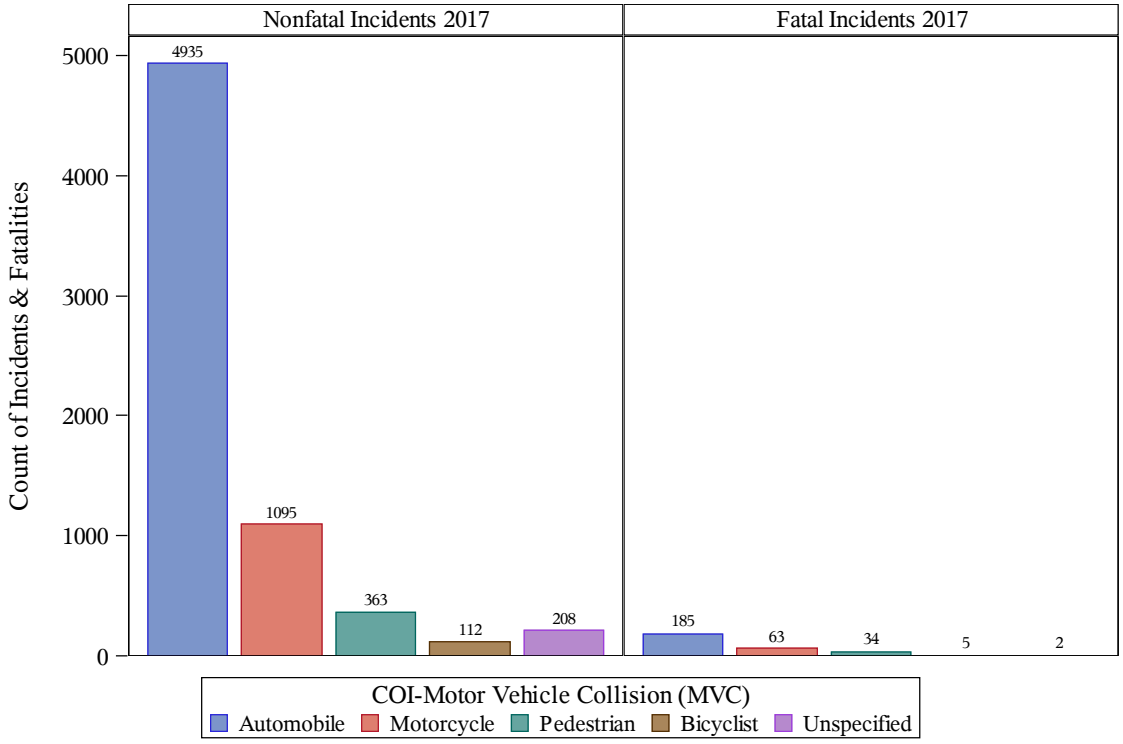


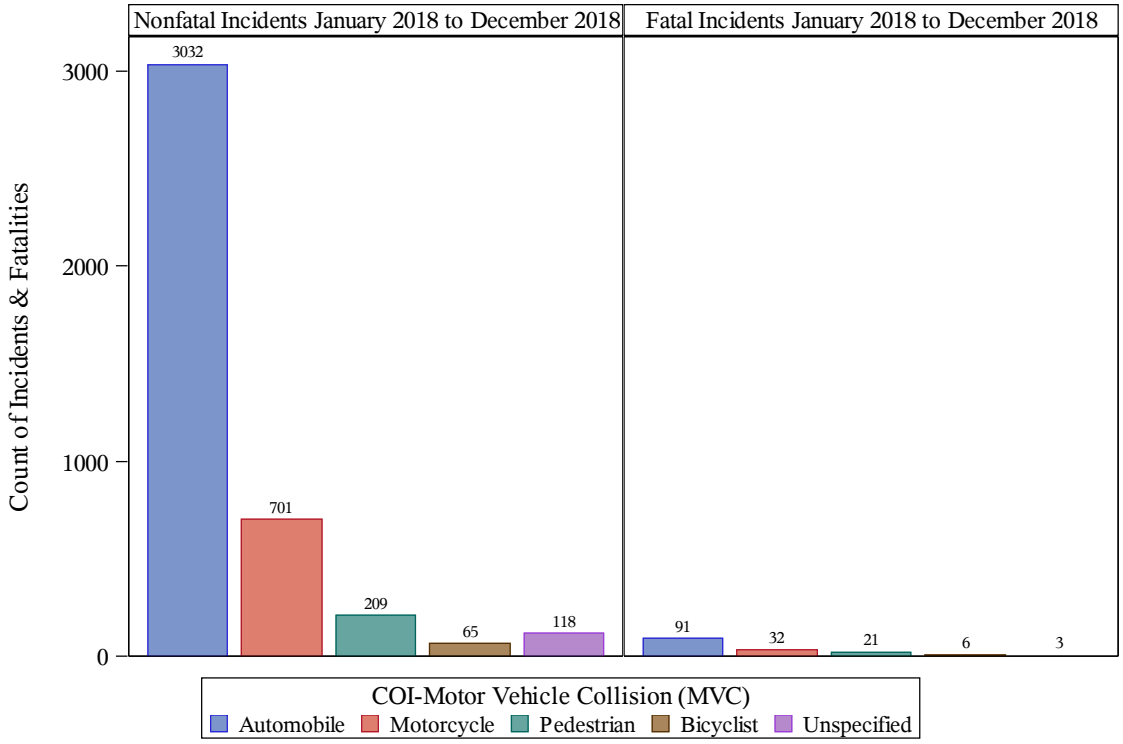
COI-Motor Vehicle Collision (MVC)



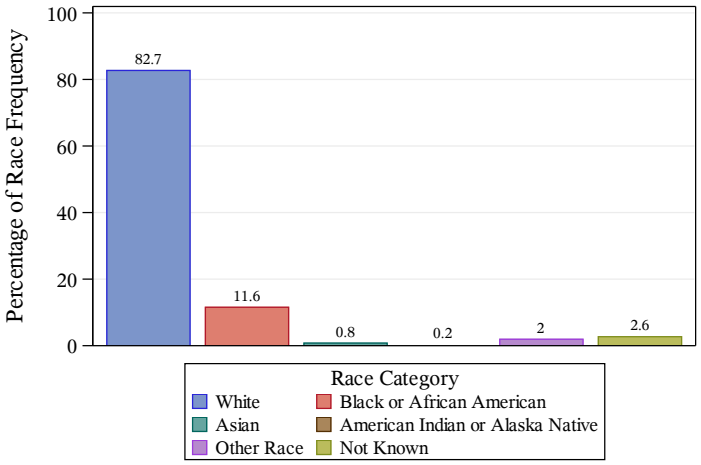
January 2018 to December 2018 4278 Incidents
January 2017 to December 2017 7002 Incidents
Motor Vehicle Collision

COI-MVC Nonfatal Incidents and Fatal Incidents

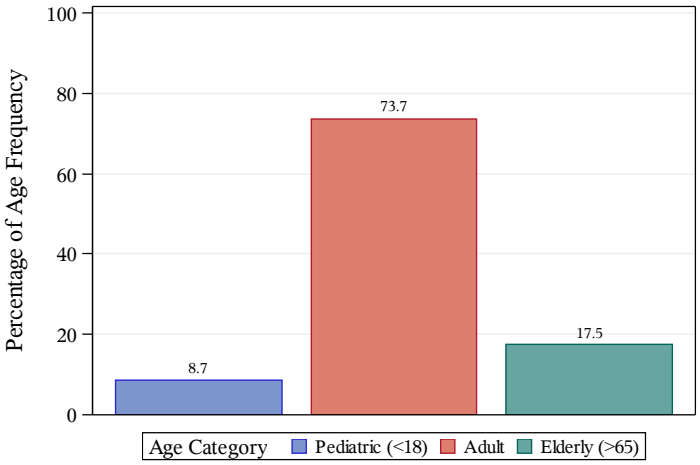




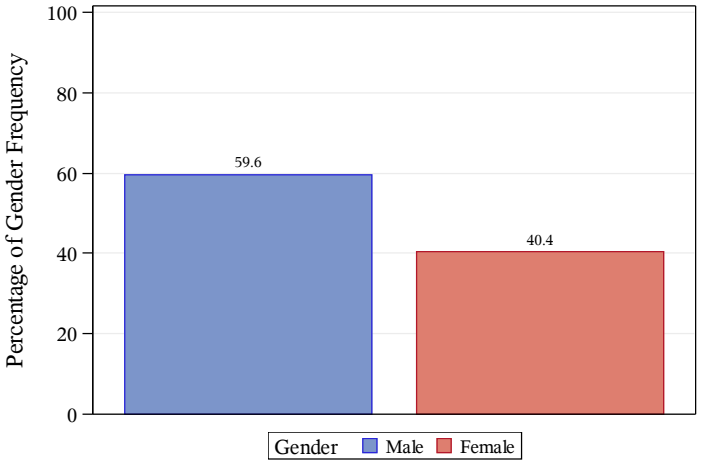
Race



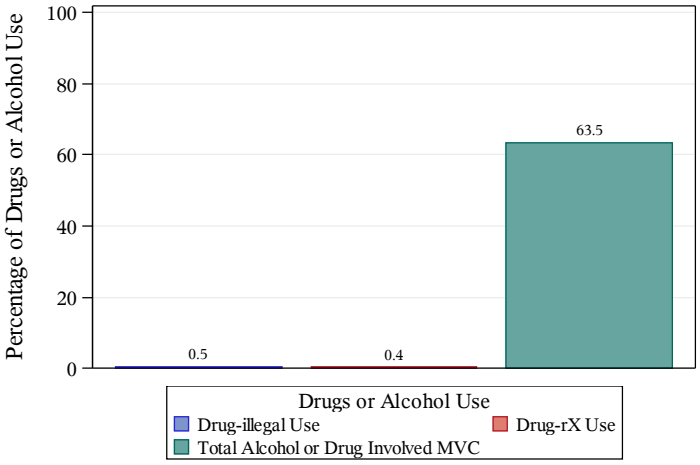
Age



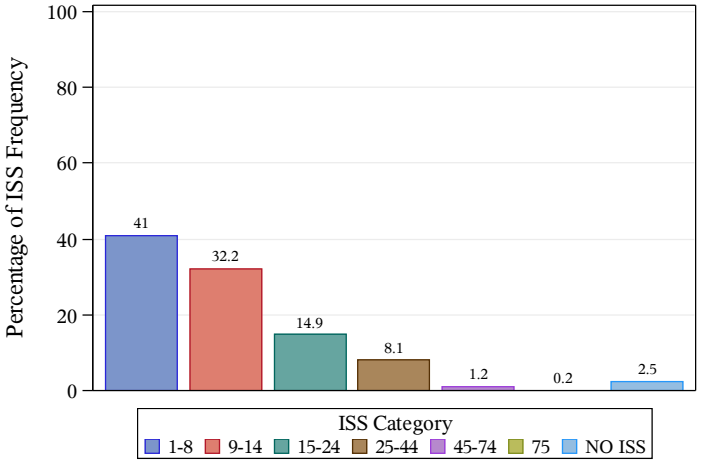
Gender



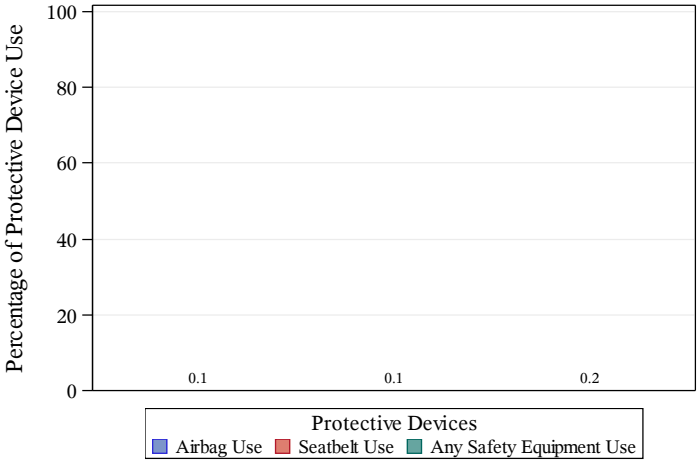
Drug & Alcohol Use



Injury Severity Score

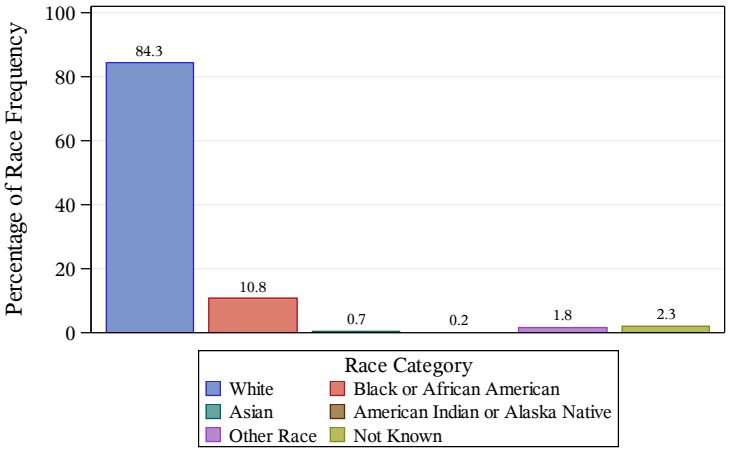


Protective Devices

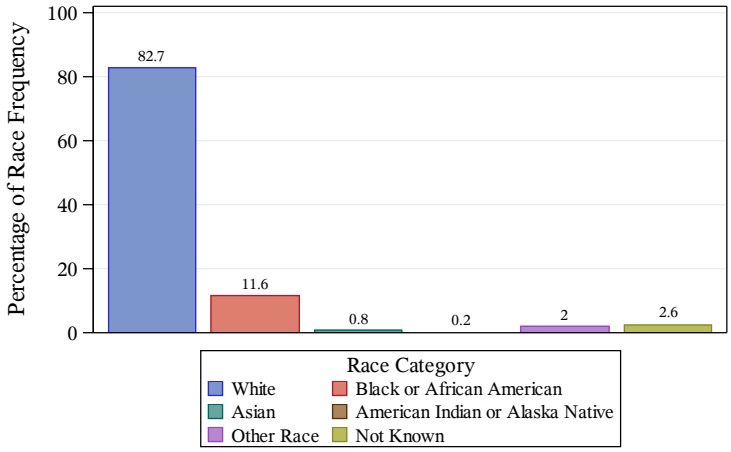


Injury Severity Score (ISS) is a measure of how bad the injury is. Scores over 15 are considered major trauma. A score of 75 is considered not survivable.

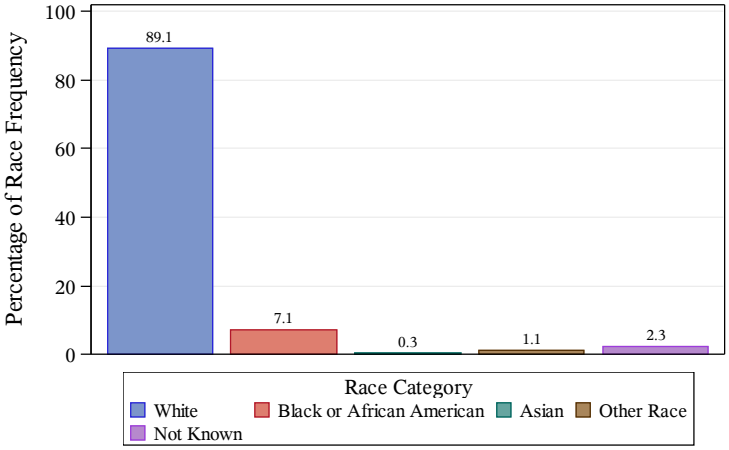
2017



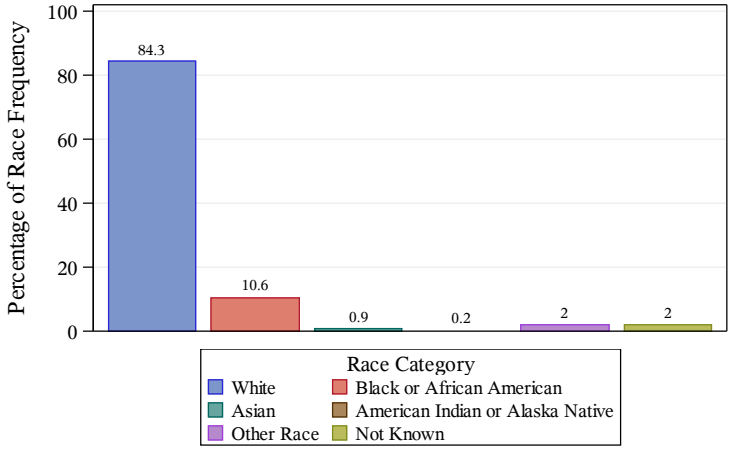
January 2018 to December 2018



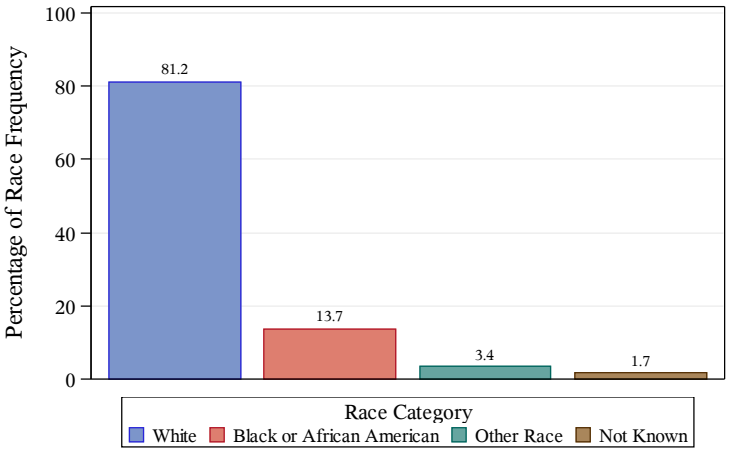
Motorcycle
January 2018 to December 2018



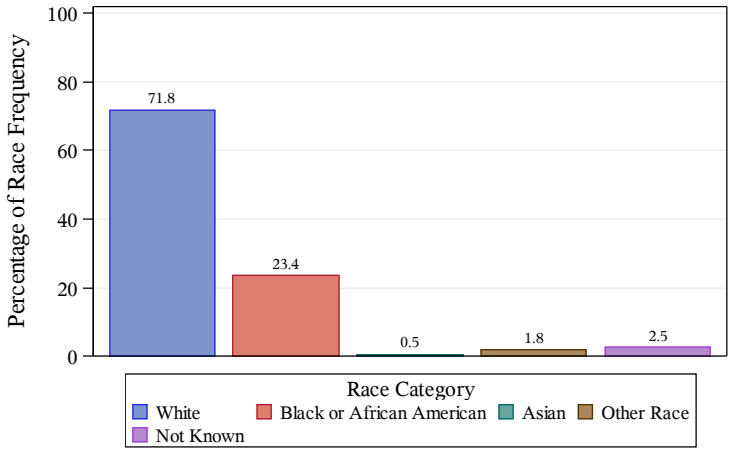
Automobile
January 2018 to December 2018



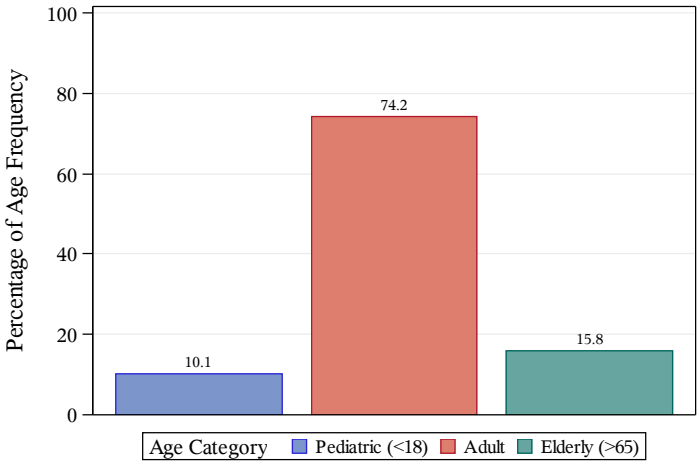
Bicyclist
January 2018 to December 2018



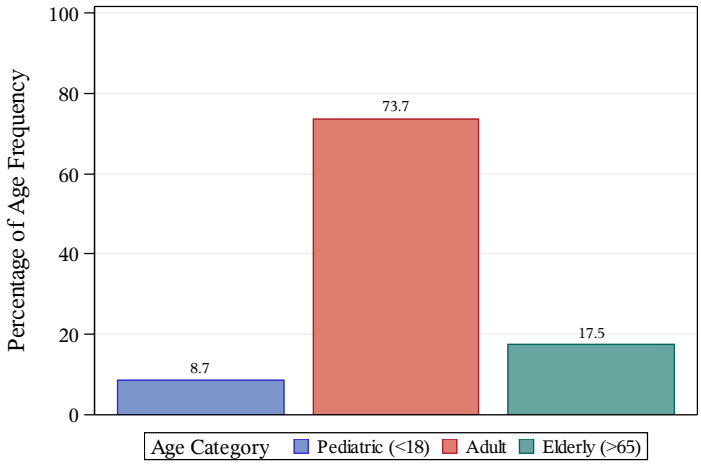
Pedestrian
January 2018 to December 2018



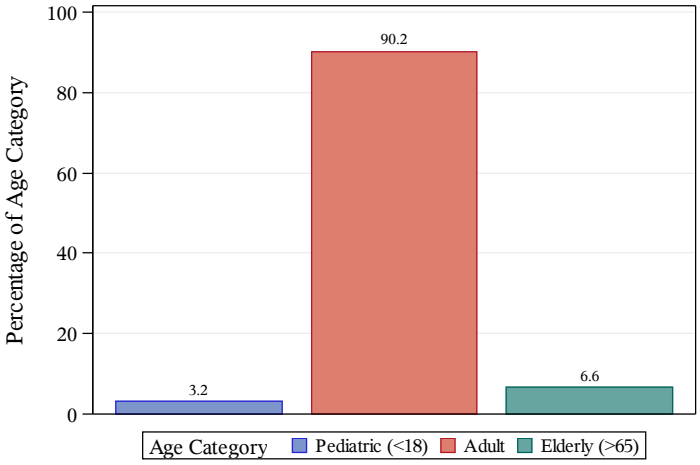
2017



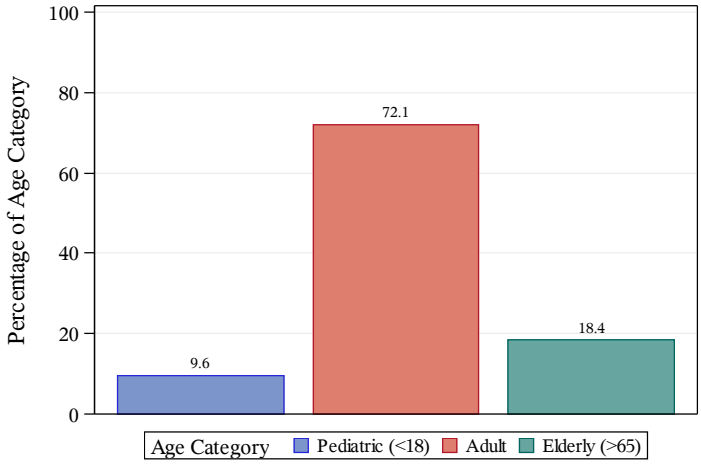
January 2018 to December 2018



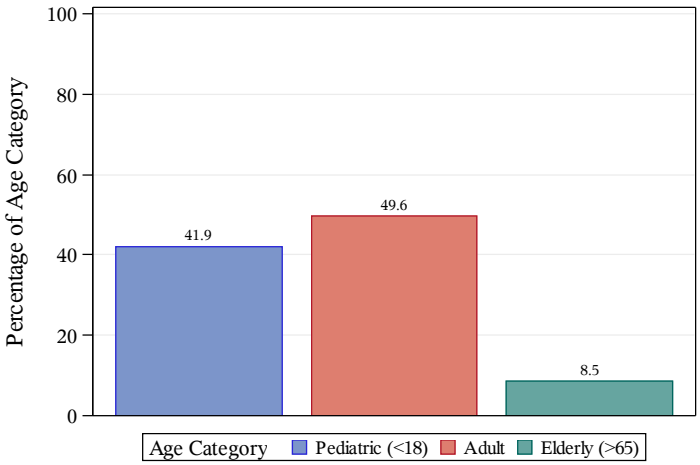
Motorcycle
January 2018 to December 2018



Automobile
January 2018 to December 2018



Bicyclist
January 2018 to December 2018



Pedestrian
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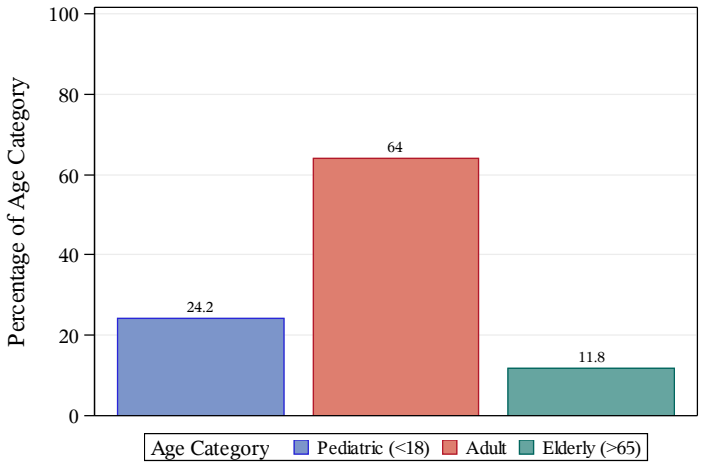
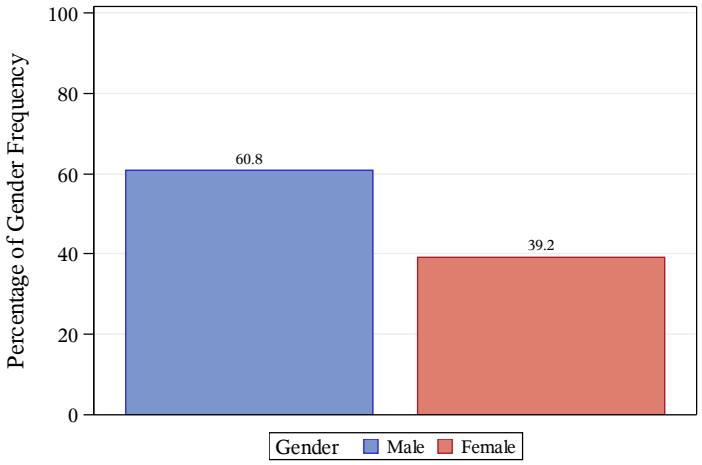


2017



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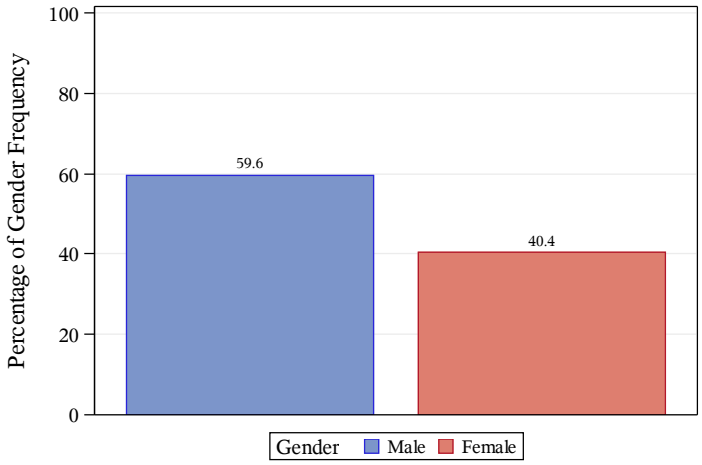
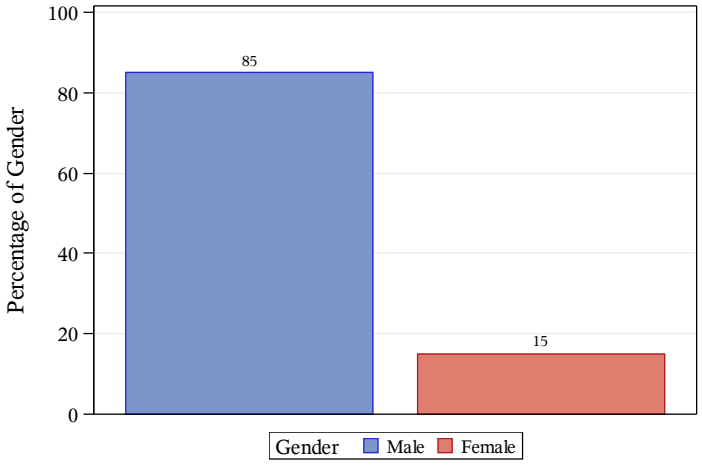
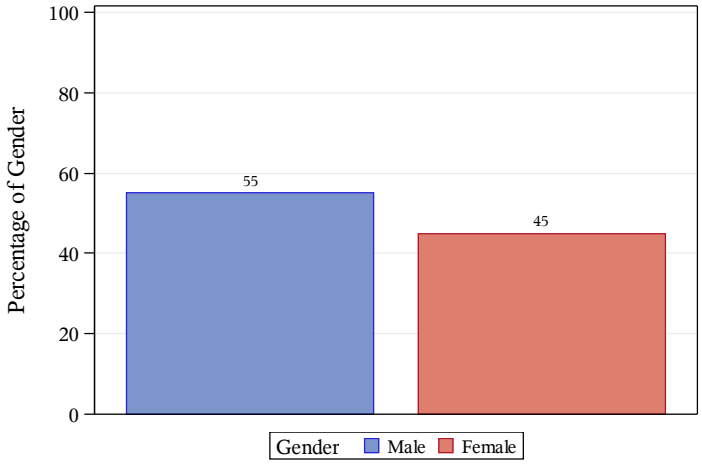


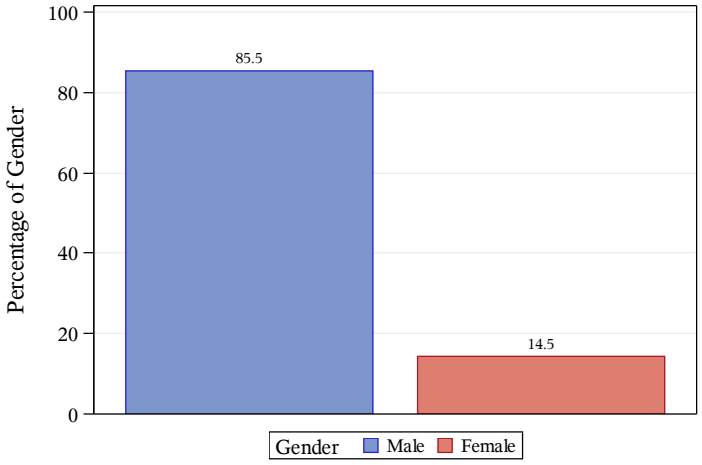
Motorcycle
January 2018 to December 2018



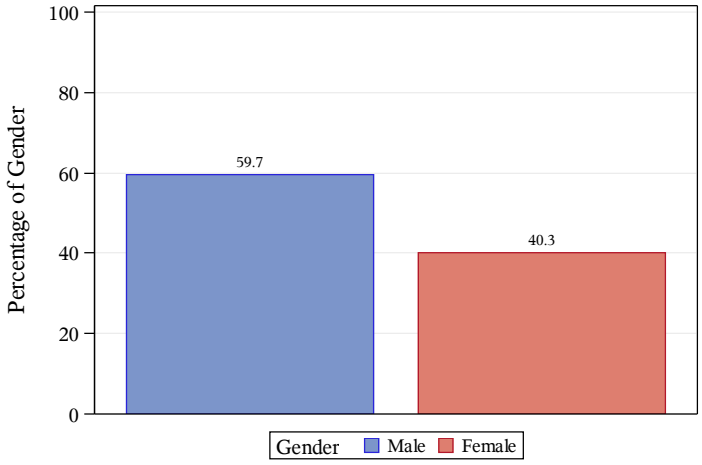
Automobile
January 2018 to December 2018



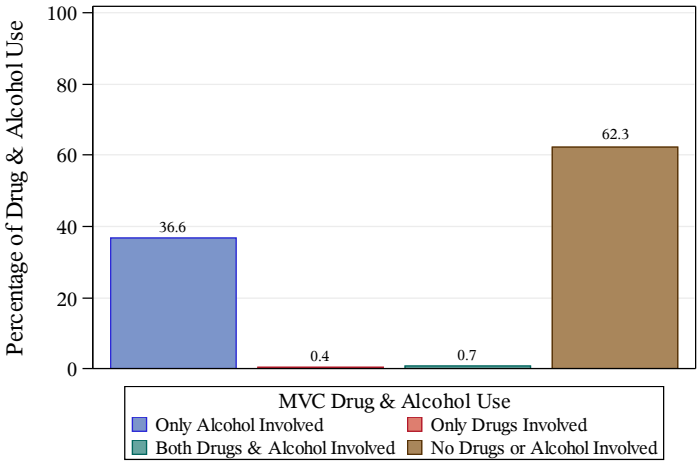
Bicyclist
January 2018 to December 2018



Pedestrian
January 2018 to December 2018



2017



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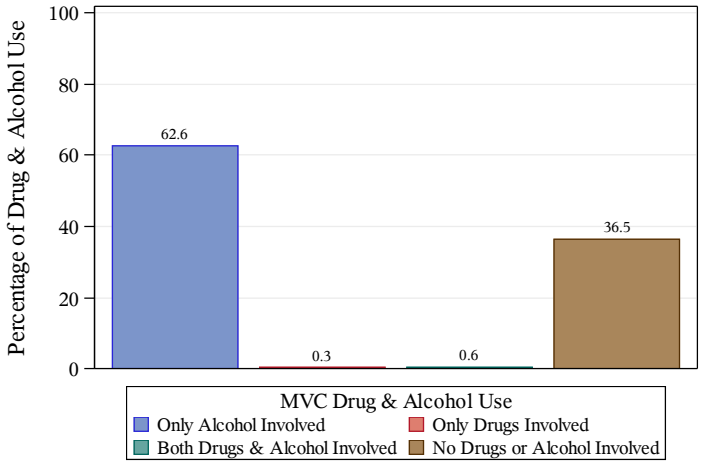
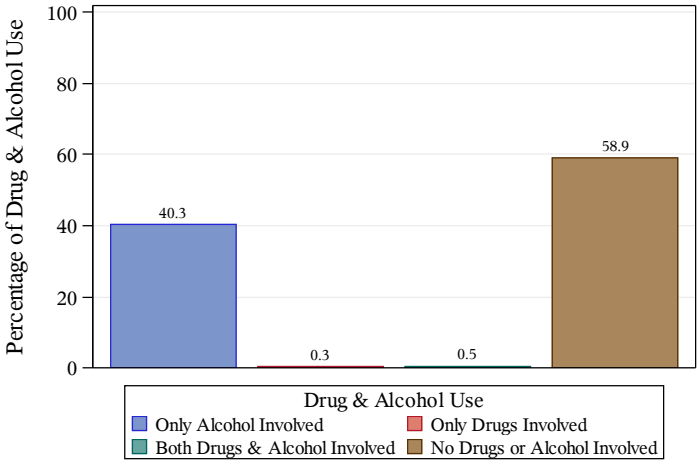
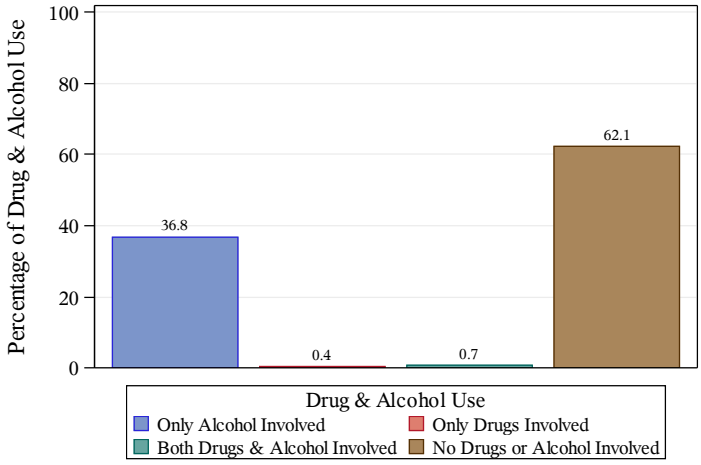


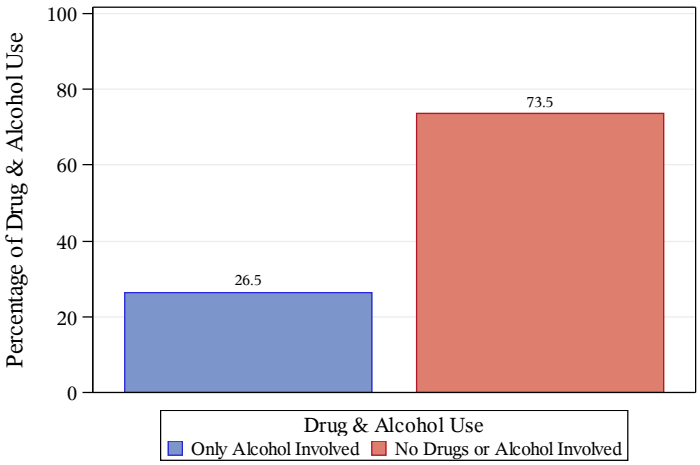
Motorcycle
January 2018 to December 2018



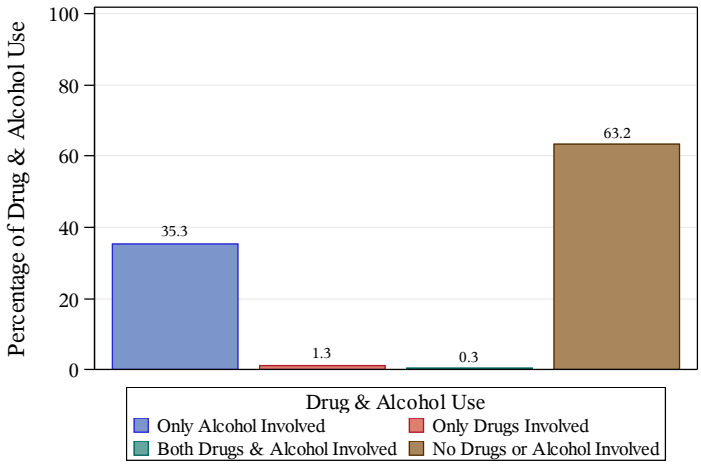
Automobile
January 2018 to December 2018



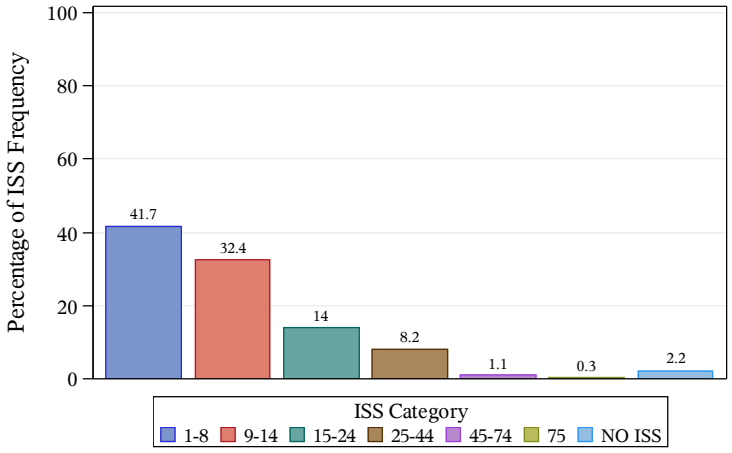
Bicyclist
January 2018 to December 2018



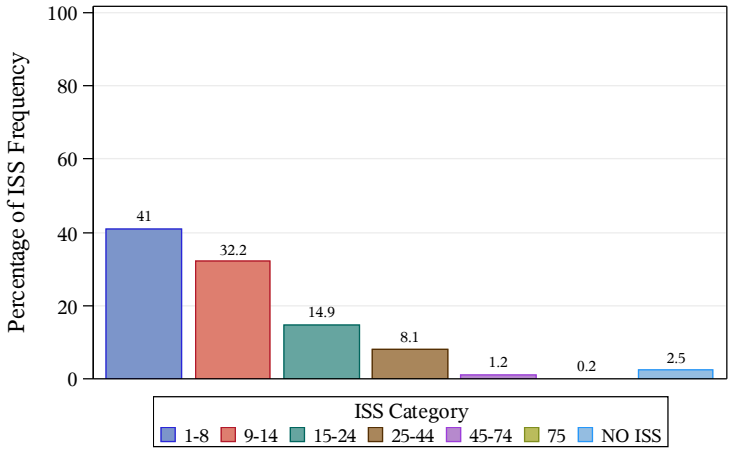
Pedestrian
January 2018 to December 2018



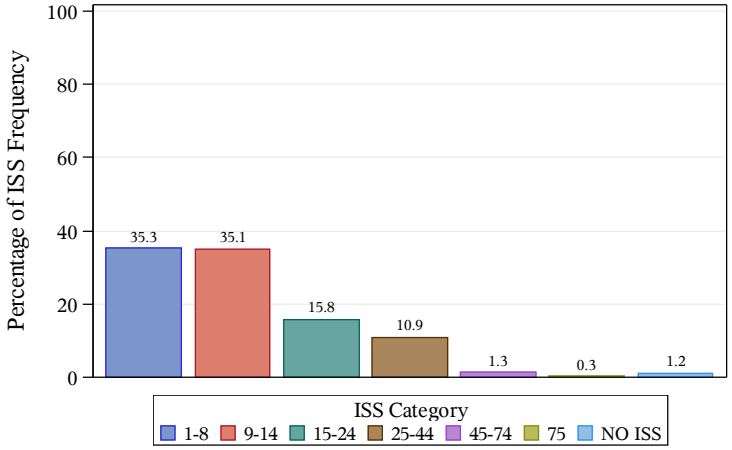
2017



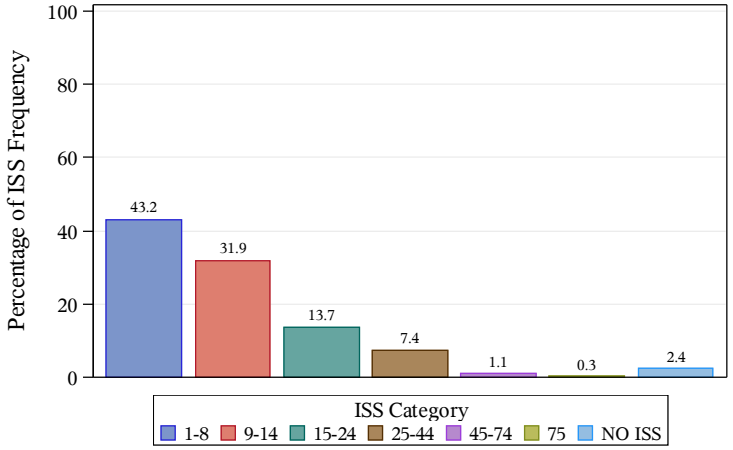
January 2018 to December 2018



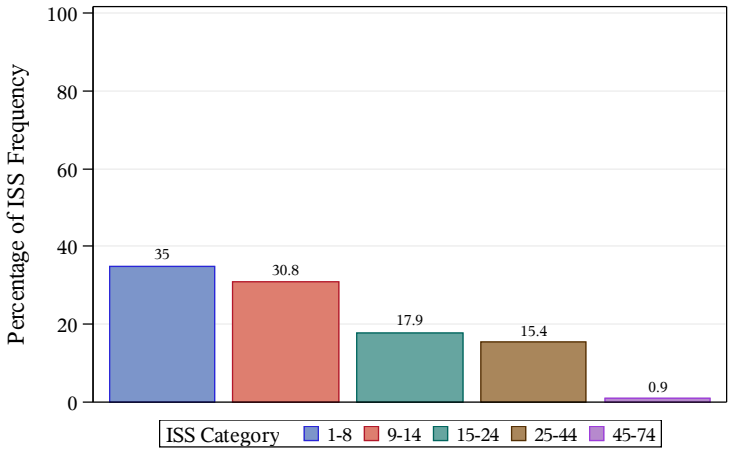
Motorcycle
January 2018 to December 2018



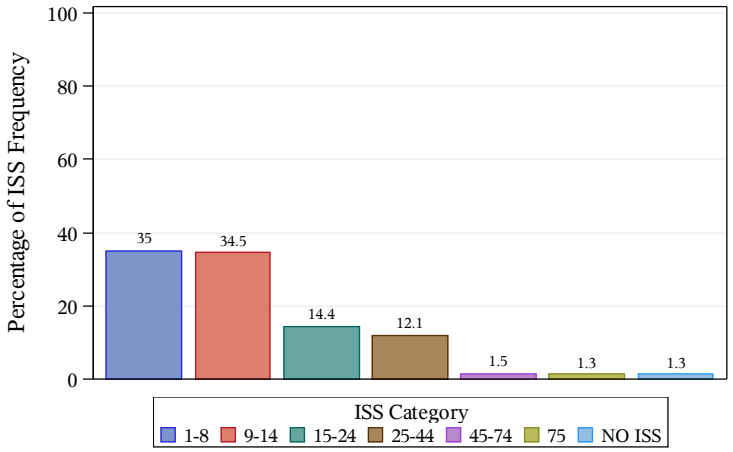
Automobile
January 2018 to December 2018



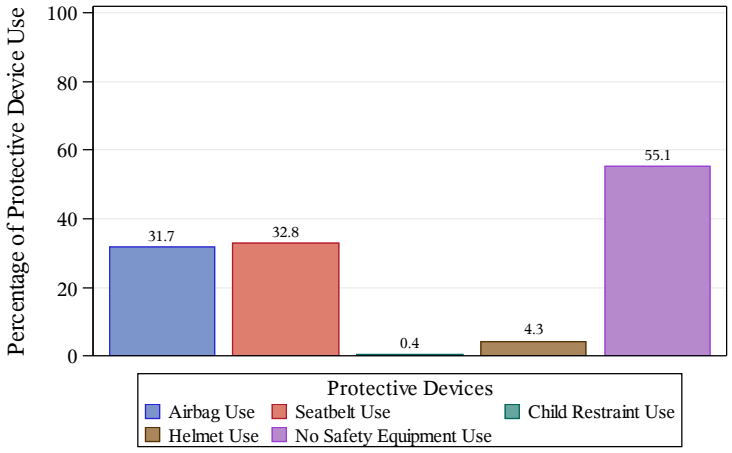
Bicyclist
January 2018 to December 2018



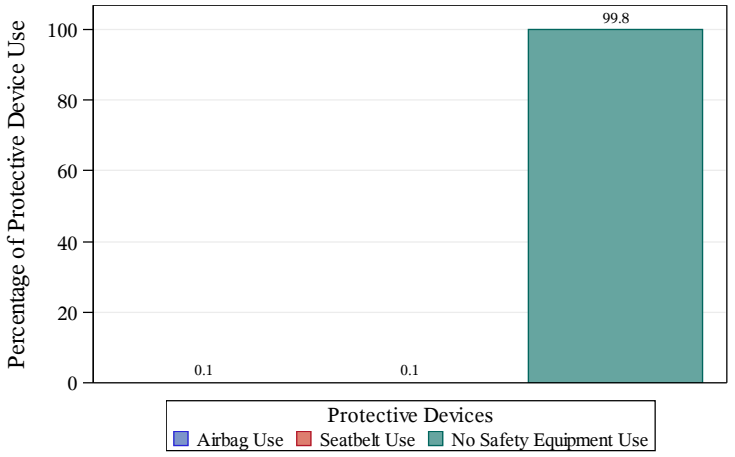
Pedestrian
January 2018 to December 2018



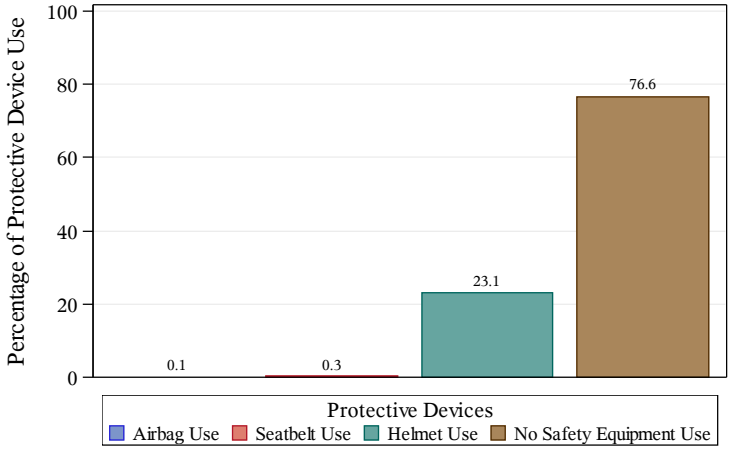
2017



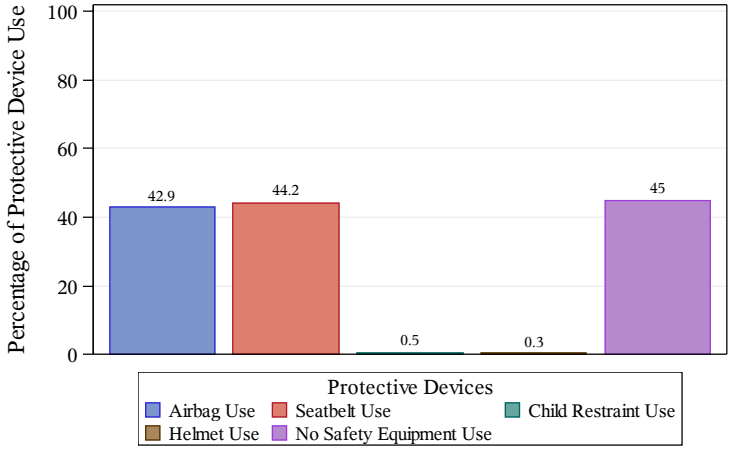
January 2018 to December 2018



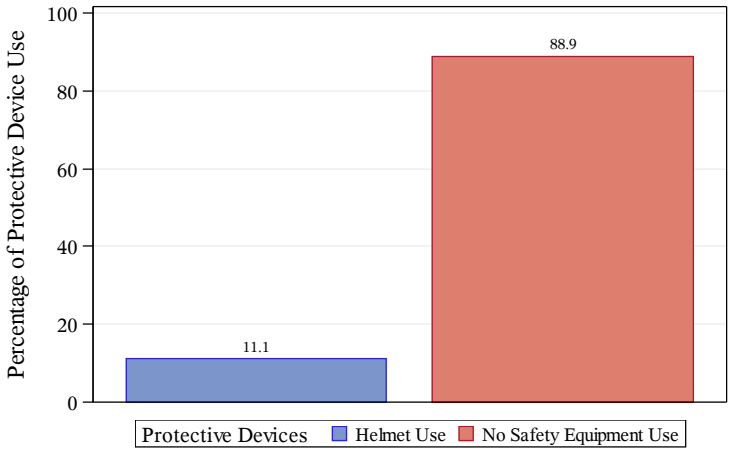
Motorcycle
January 2018 to December 2018



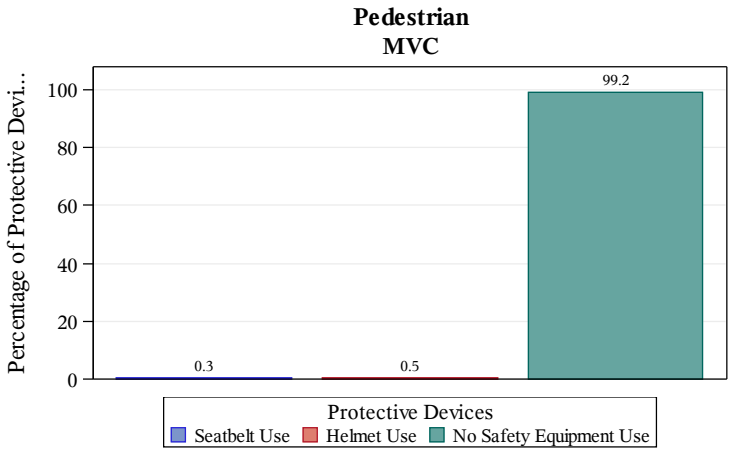
Automobile
January 2018 to December 2018

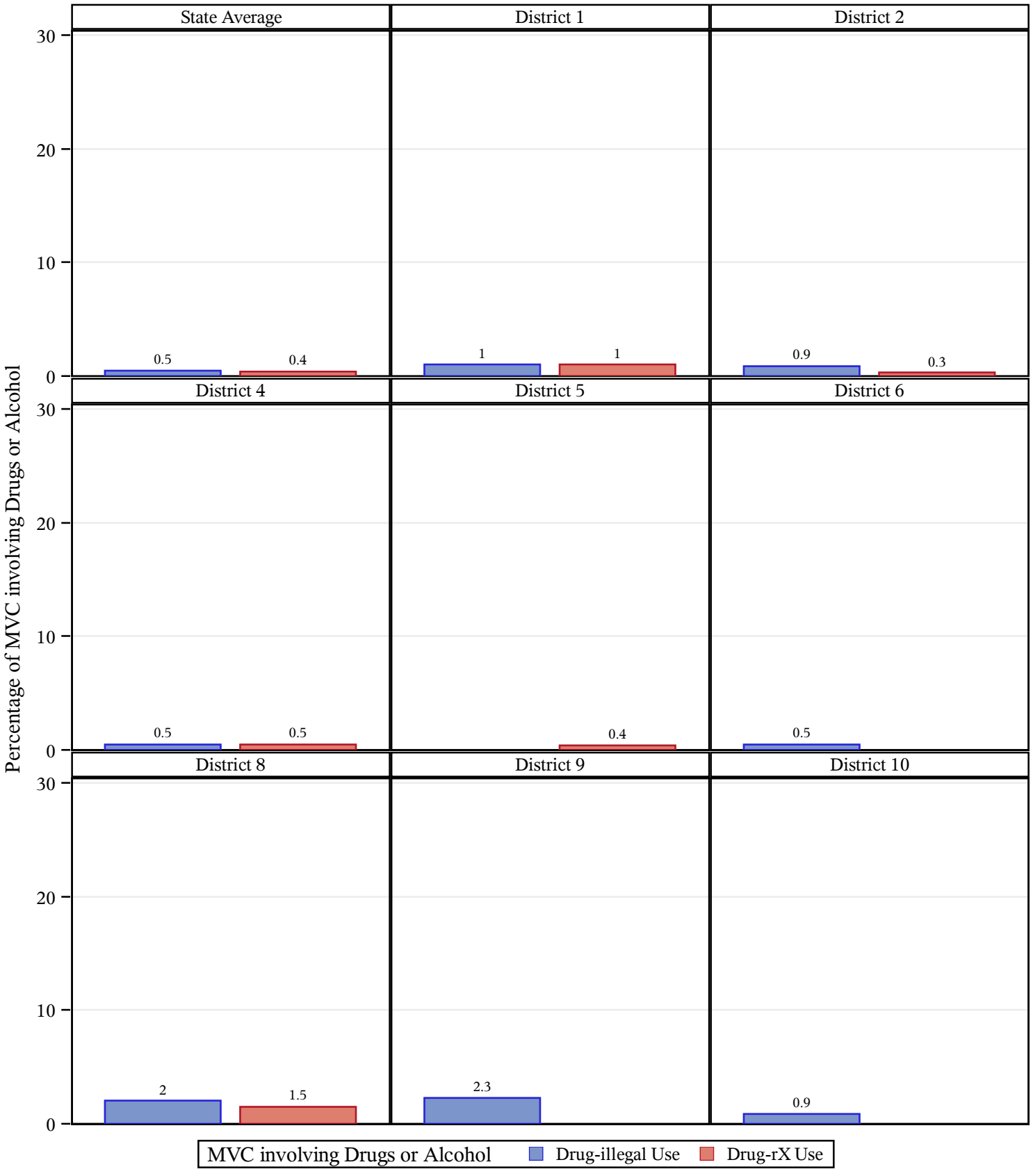


Bicyclist
January 2018 to December 2018



Pedestrian
January 2018 to December 2018




State Average
District 1
District 2
District 4
District 5
District 6
District 8
District 9
District 10
Percentage of MVC involving Drugs or Alcohol
0
10
20
30
0.5
0.4
1
1
0.9
0.3
0.5
0.5
0.4
0.5
2
1.5
2.3
0.9
MVC involving Drugs or Alcohol
Drug-illegal Use
Drug-rX Use