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 July 17th, Ramzi Nimry (Statewide Trauma System Development and Training Manager) attended the Association of State and Territorial Health Officials (ASTHO) meeting in Fort Wayne.

On July 19th, Ramzi Nimry (Statewide Trauma System Development and Training Manager) attended the Association of State and Territorial Health Officials (ASTHO) meeting in Fort Wayne.

On July 22nd, Ramzi Nimry (Statewide Trauma System Development and Training Manager) attended the Pediatric Emergency Care Coordinator (PECC) advisory board meeting at Indianapolis EMS headquarters.

From July 23rd-26th, Ramzi Nimry (Statewide Trauma System Development and Training Manager) attended the ImageTrend Connect Conference in St. Paul, MN.

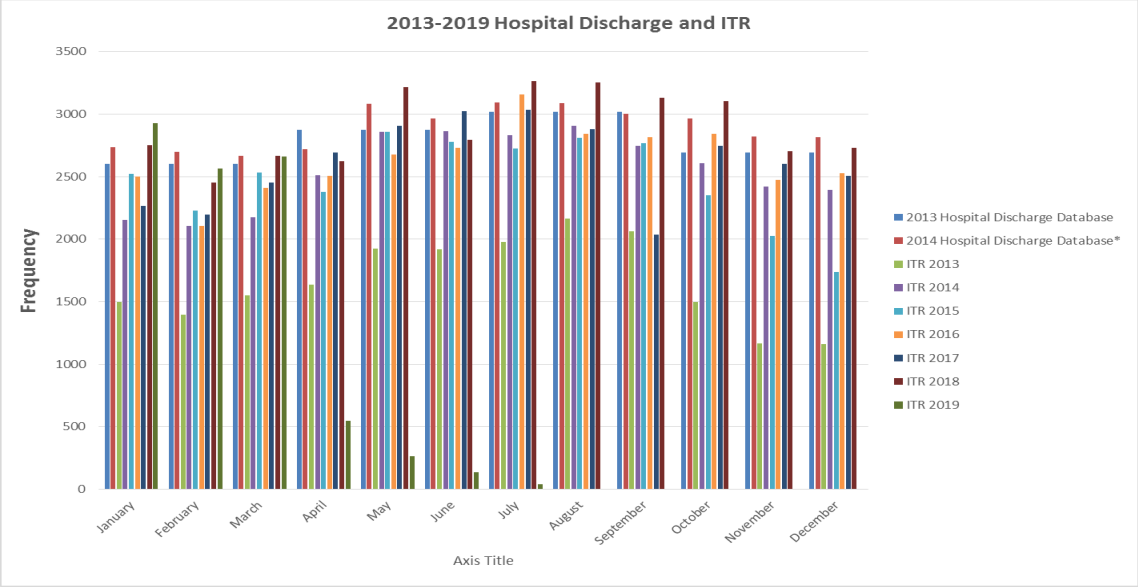
Indiana Trauma Registry

Monthly Report for July 2019

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).

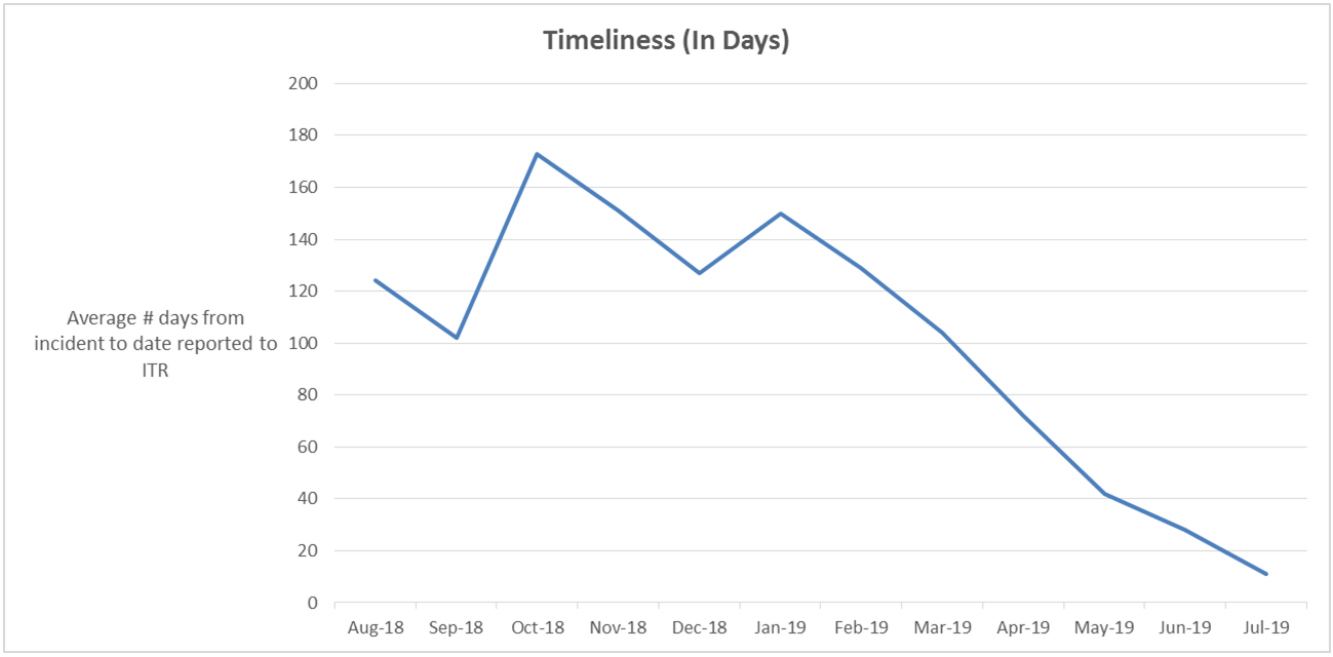
Completeness

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 69% complete.



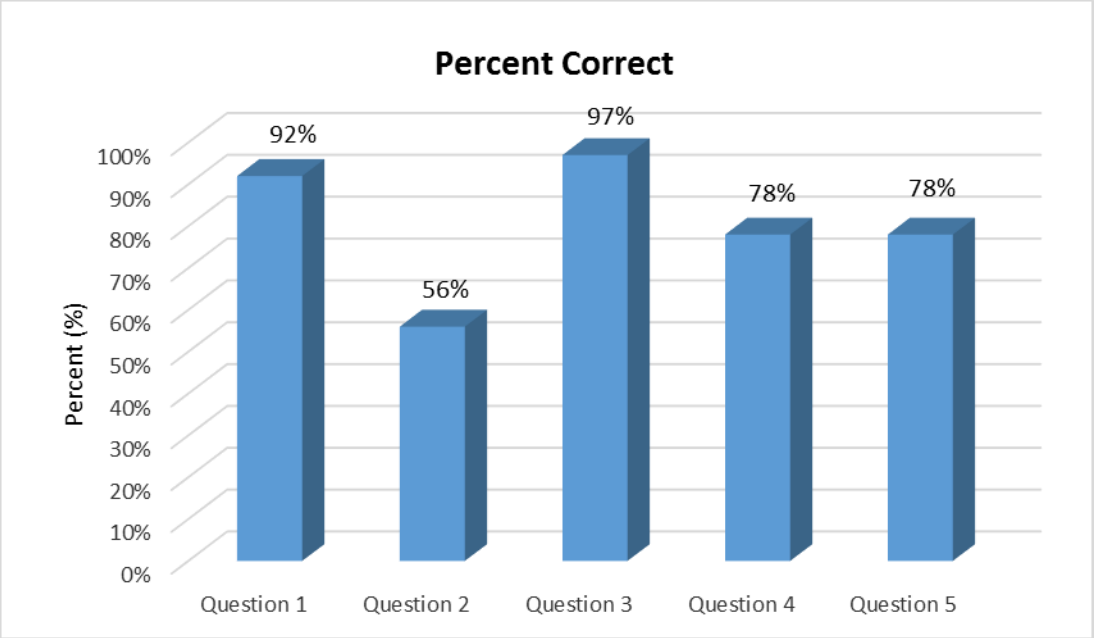
Timeliness

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 101 days.



Uniformity

In July we sent out the fifty-ningth monthly quiz for the inter-rater reliability study. There were 50 participants from 26 (21% of hospitals with EDs in Indiana) hospitals who completed the quiz. The percent correct was 80% and the free-marginal kappa was 0.43.
Activities to improve the uniformity of data include trauma registrar training throughout the state and at the Indiana State Department of Health.



Integration

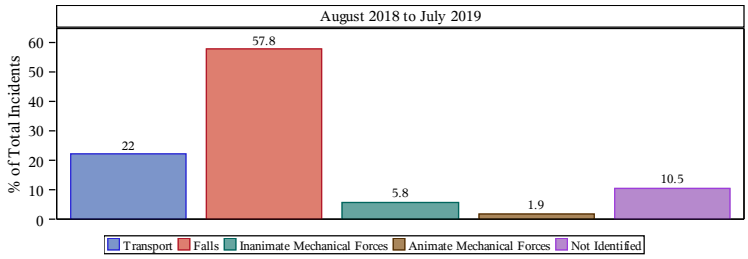
The number of linked EMS to trauma cases was 1,639 for Q3 2018 data. Trauma data are due on a quarterly basis.

Accessibility

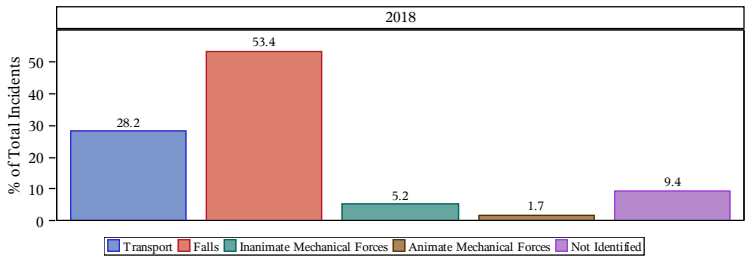
There were 2 aggregate requests (1 day on average) in July. There were no self-reports or identifiable requests.

January 2018 to December 2018 31956 Incidents
August 2018 July 2019 31743 Incidents
Cause of Injury (COI)

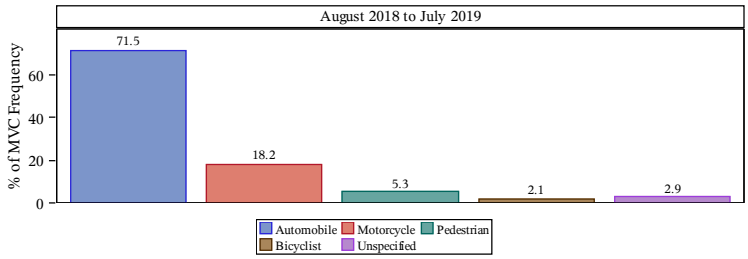
Cause of Injury (COI)



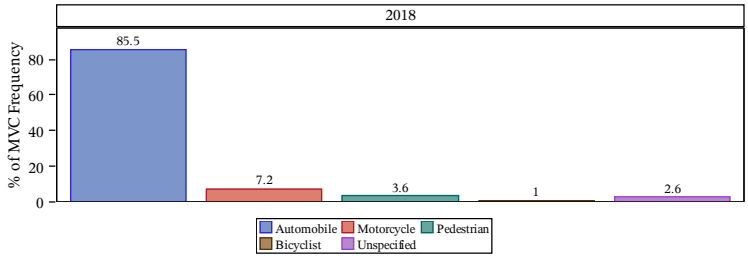
Cause of Injury (COI)



COI-Motor Vehicle Collision (MVC)

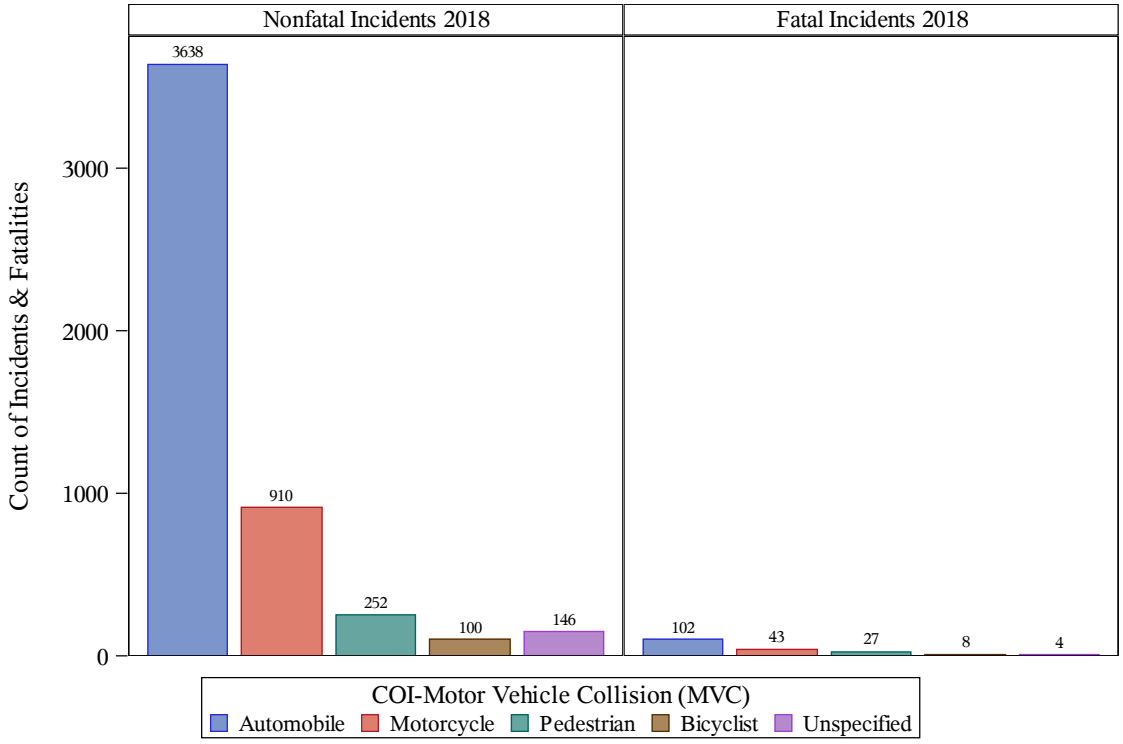


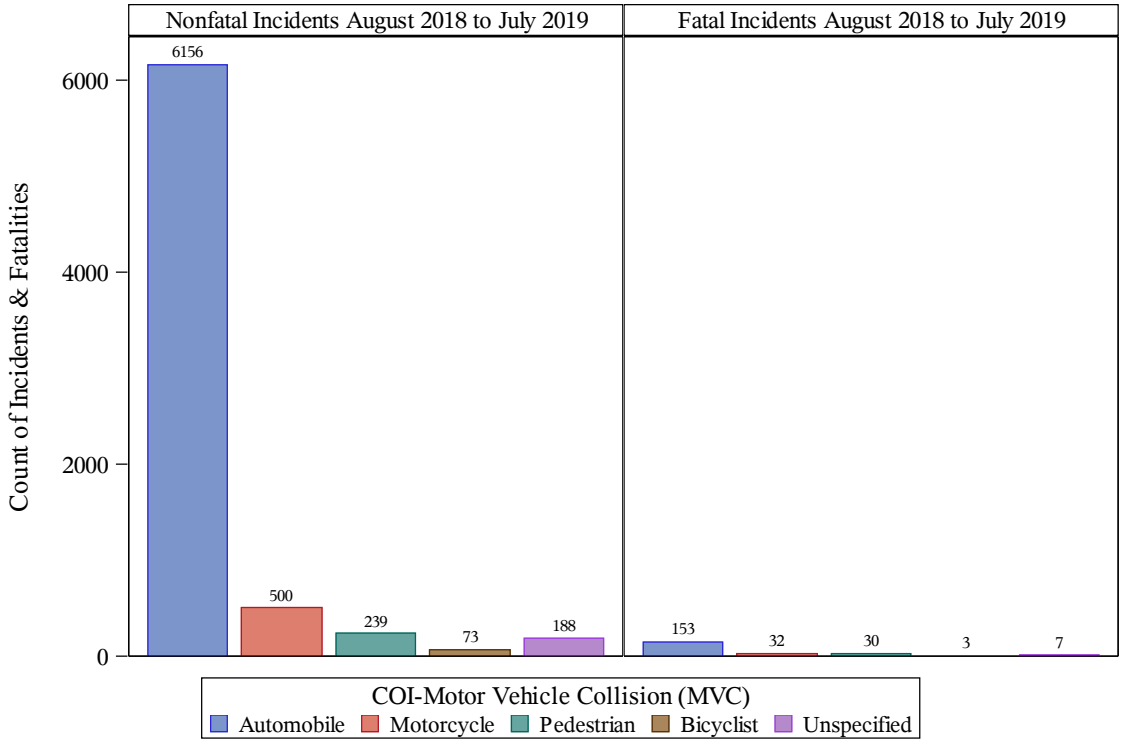
COI-Motor Vehicle Collision (MVC)



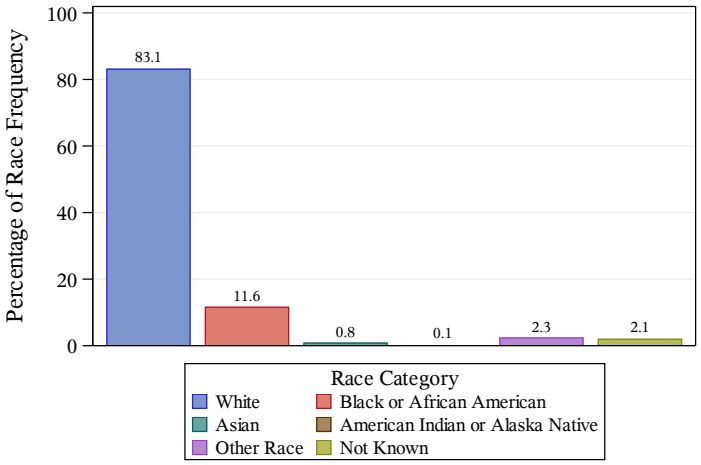
August 2018 to July 2019 7381 Incidents
January 2018 to December 2018 5230 Incidents
Motor Vehicle Collision

COI-MVC Nonfatal Incidents and Fatal Incidents

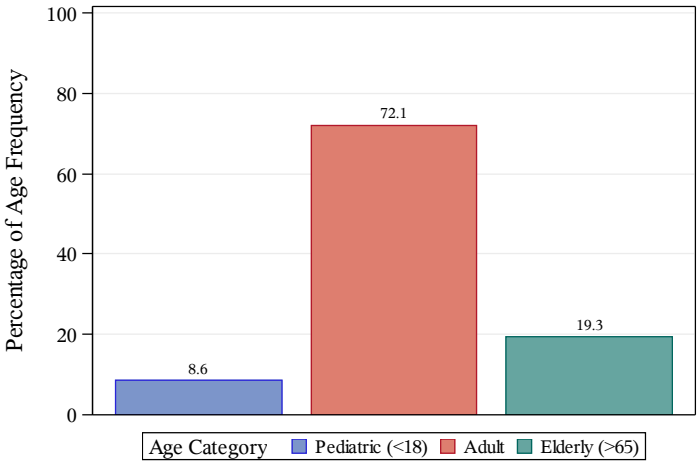




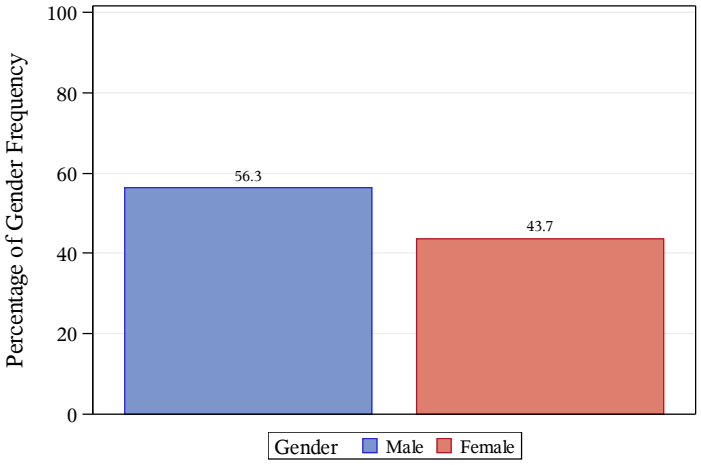
Race



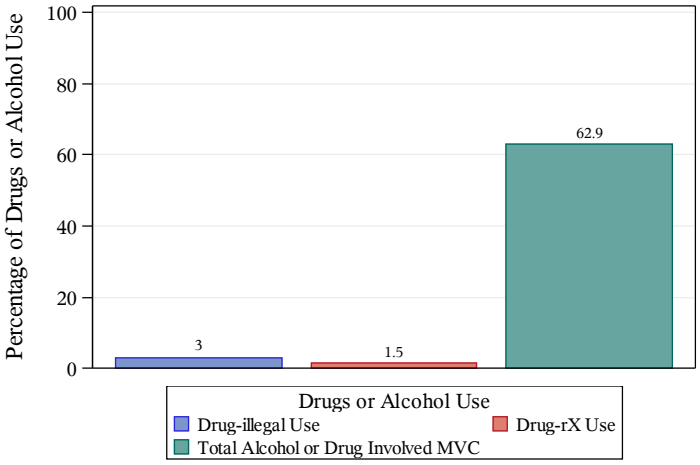
Age



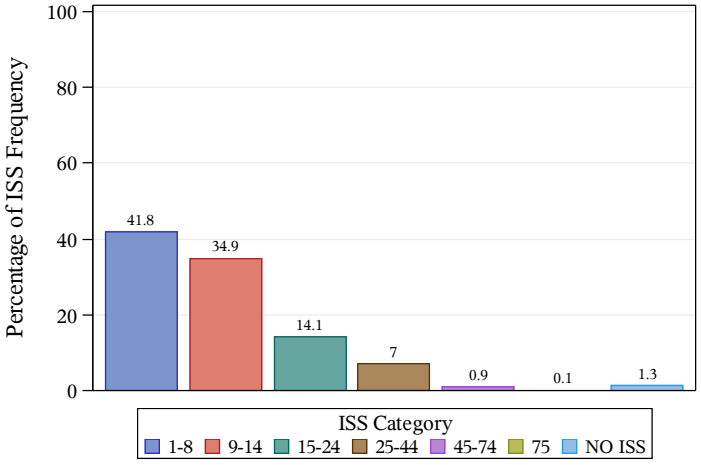
Gender



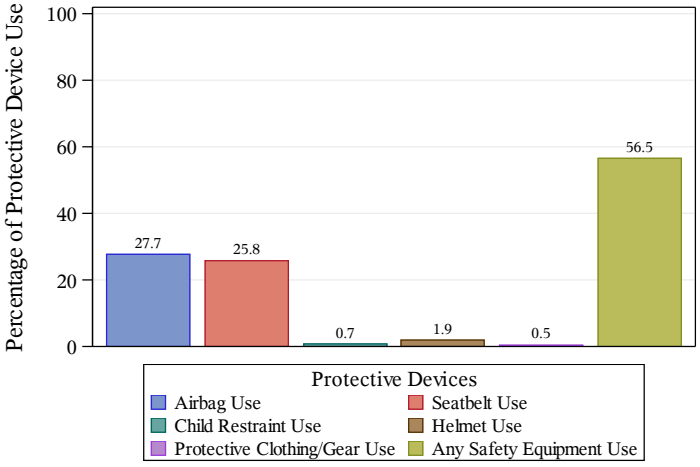
Drug & Alcohol Use



Injury Severity Score

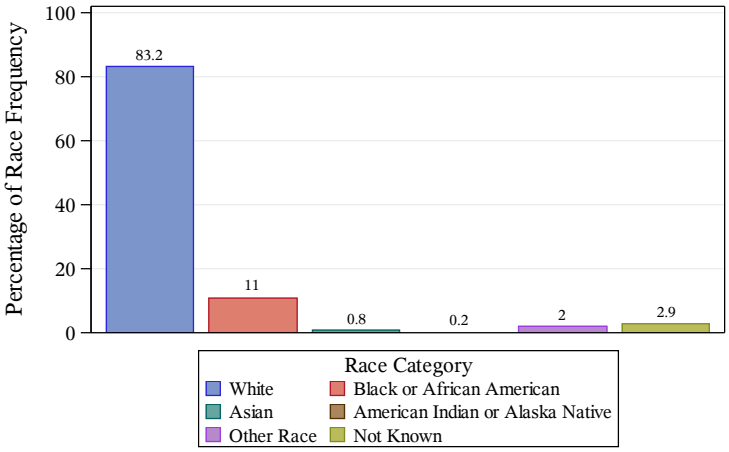


Protective Devices

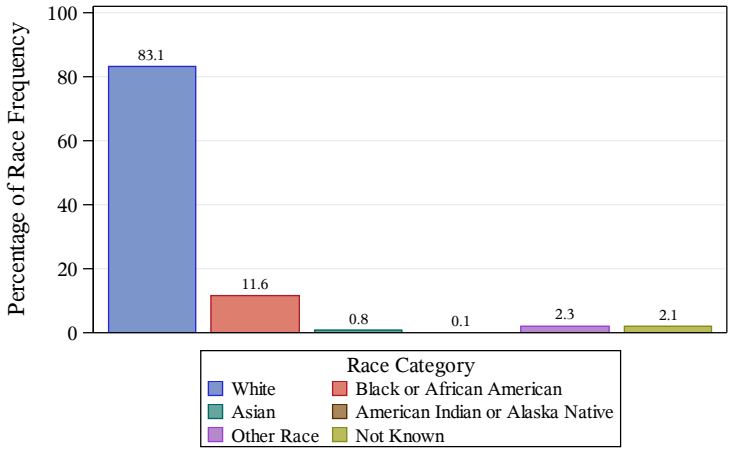


Injury Severity Score (ISS) is a measure of how bad the injury is. Scores over 15 are considered major trauma. A score of 75 is considered not survivable.

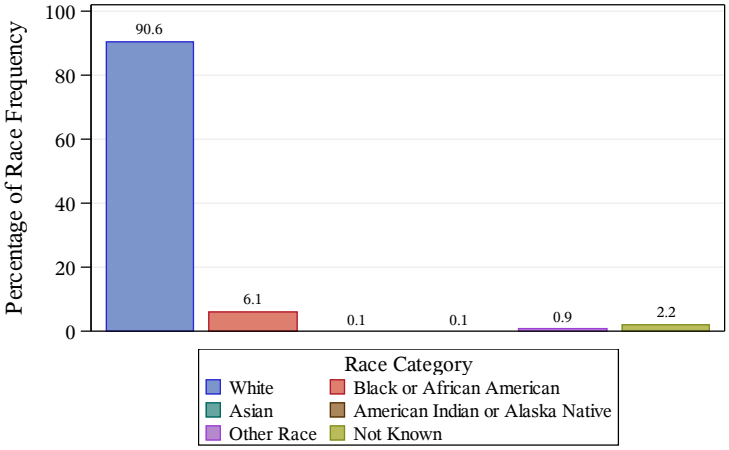
2018



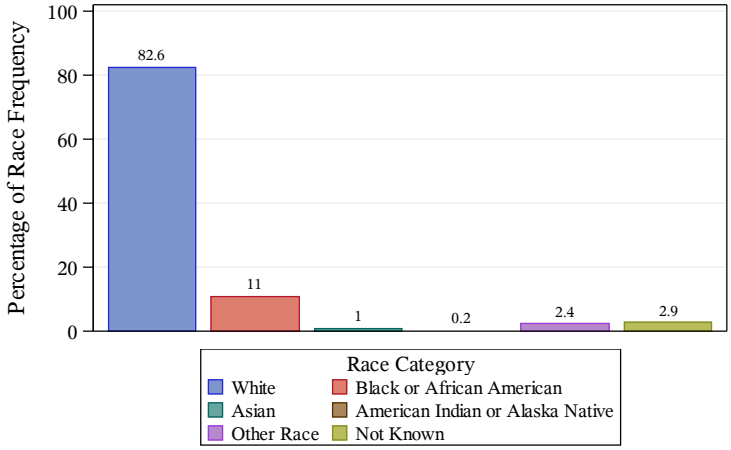
August 2018 to July 2019



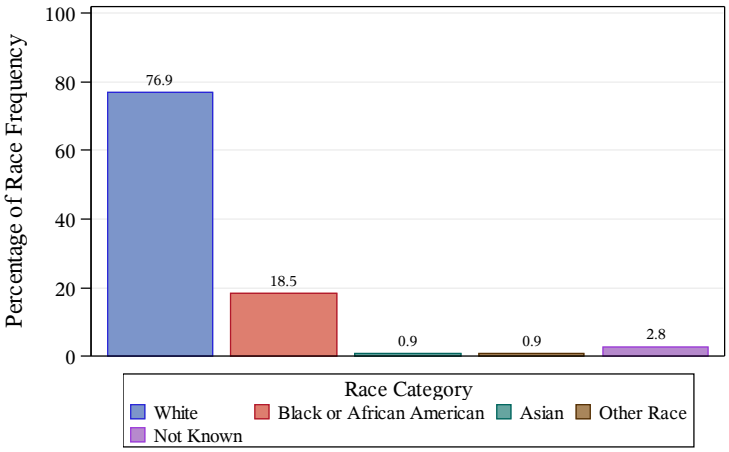
Motorcycle
August 2018 to July 2019



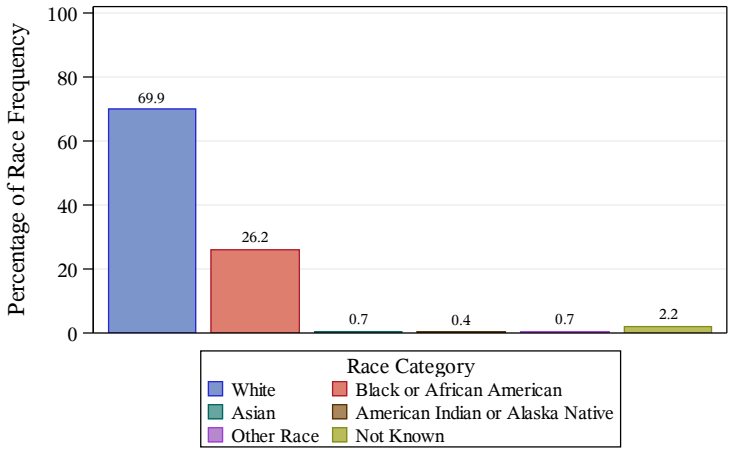
Automobile
August 2018 to July 2019



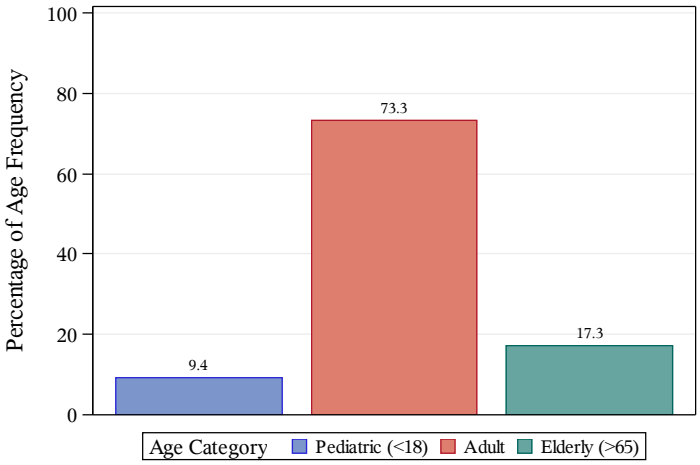
Bicyclist
August 2018 to July 2019



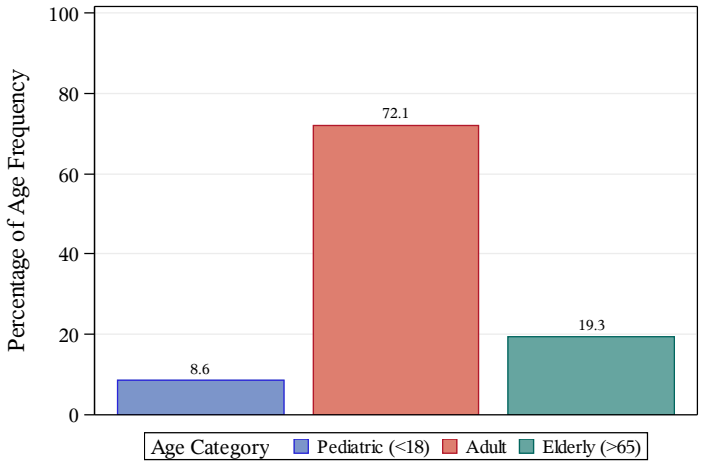
Pedestrian
August 2018 to July 2019



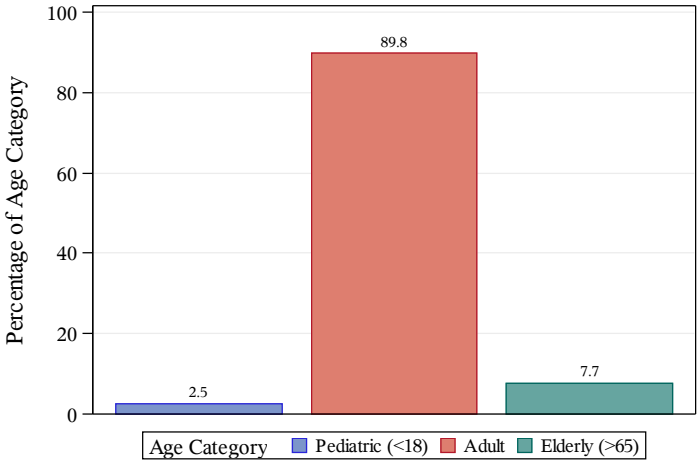
2018



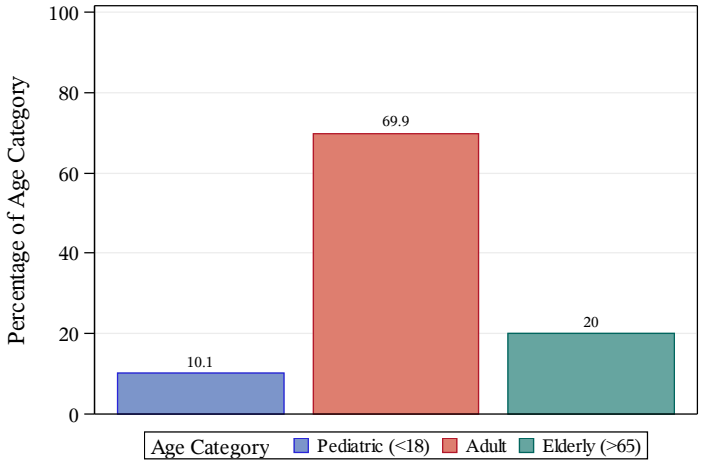
August 2018 to July 2019



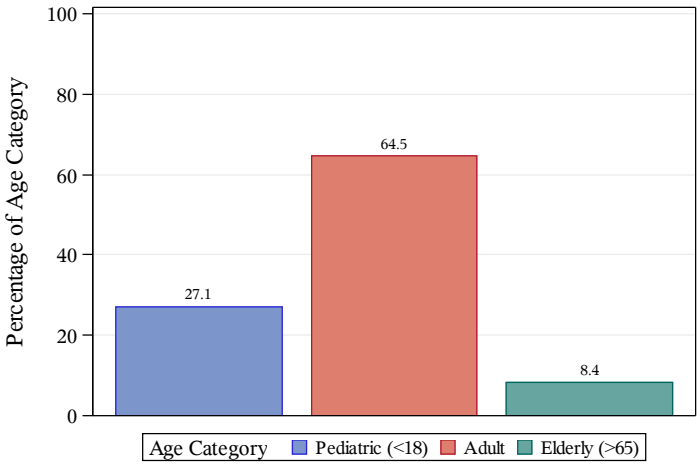
Motorcycle
August 2018 to July 2019



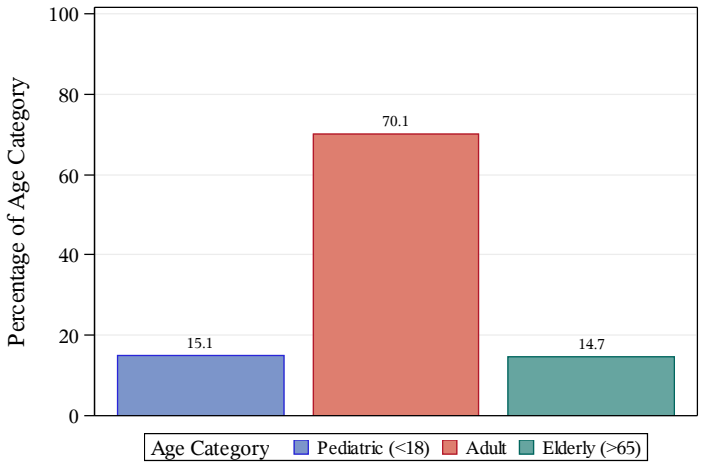
Automobile
August 2018 to July 2019



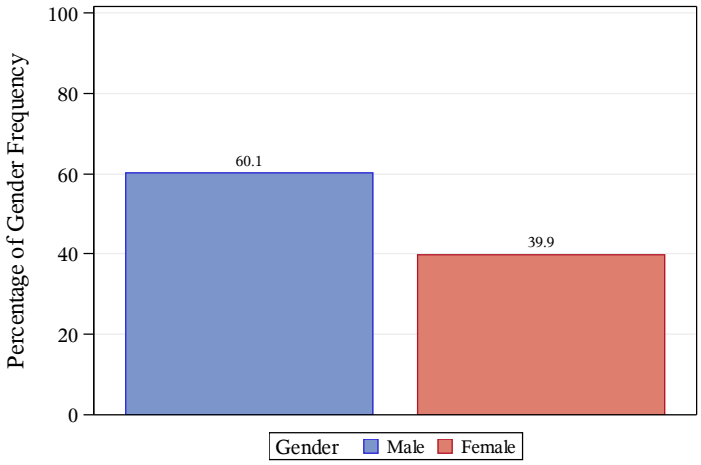
Bicyclist
August 2018 to July 2019



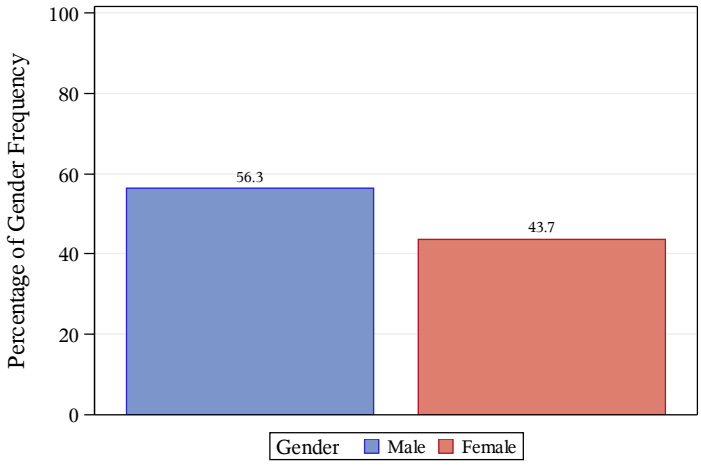
Pedestrian
August 2018 to July 2019



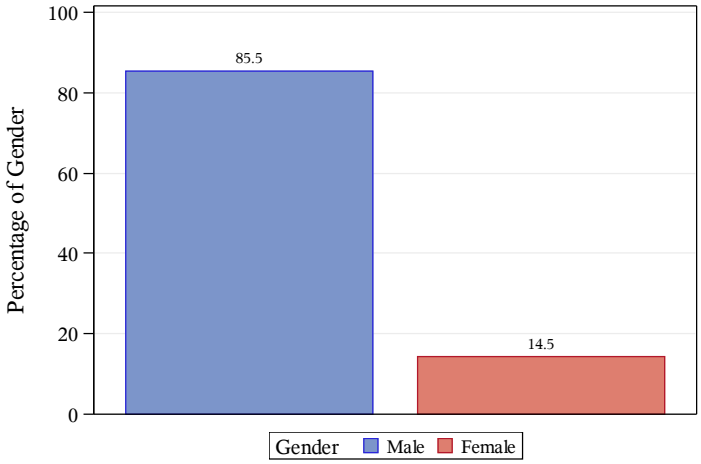
2018



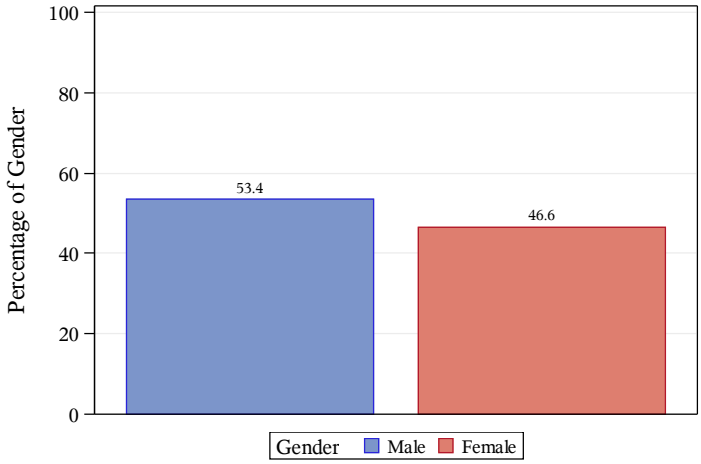
August 2018 to July 2019



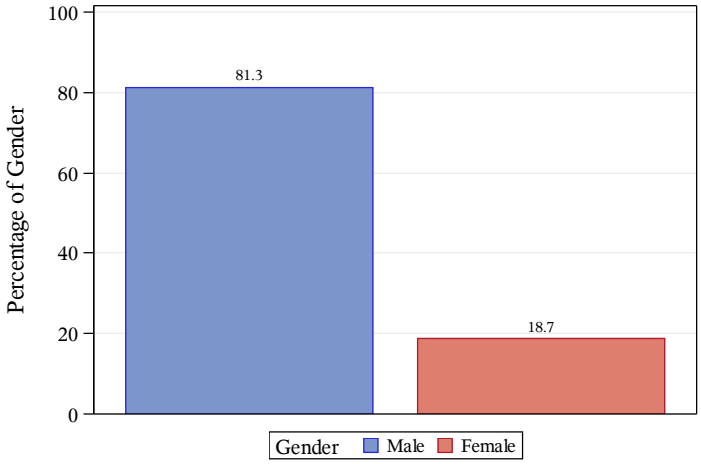
Motorcycle
August 2018 to July 2019



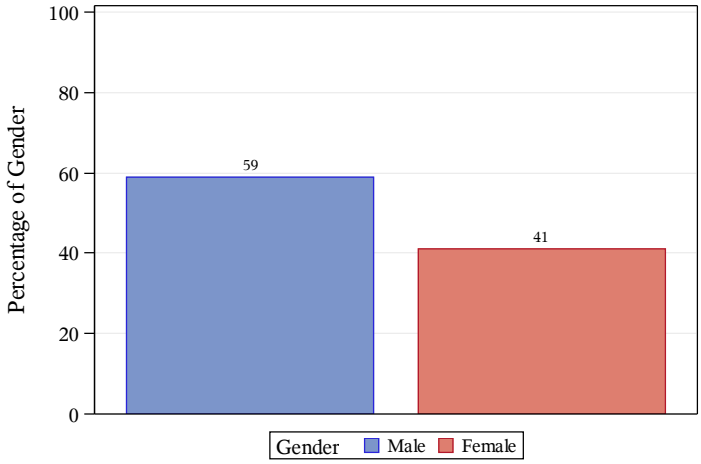
Automobile
August 2018 to July 2019



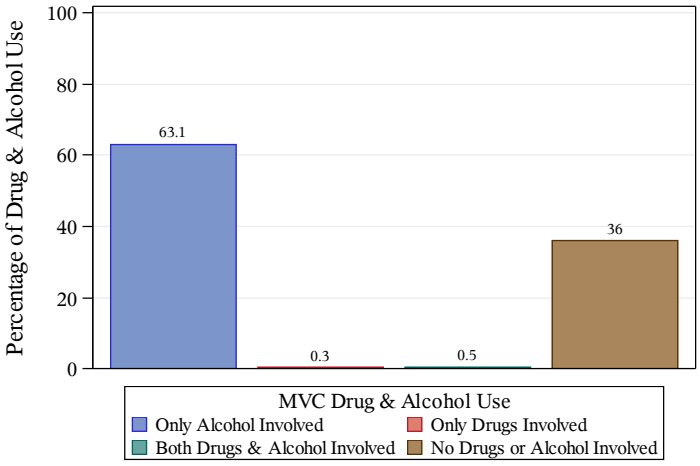
Bicyclist
August 2018 to July 2019



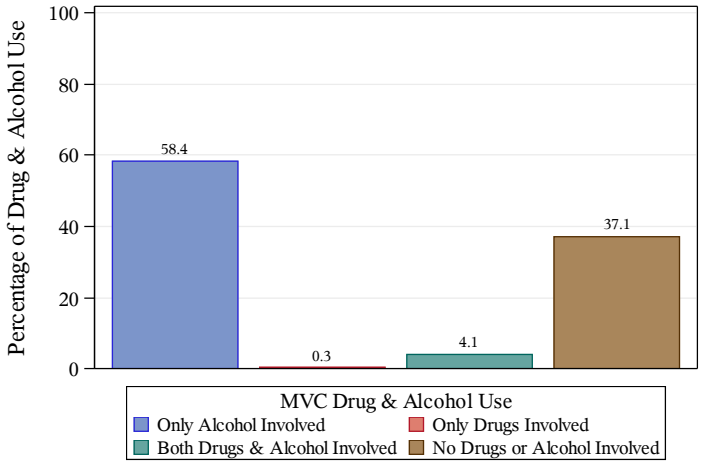
Pedestrian
August 2018 to July 2019



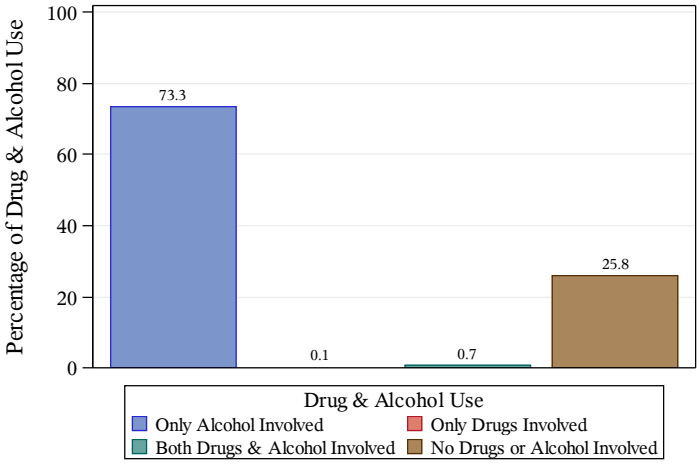
2018



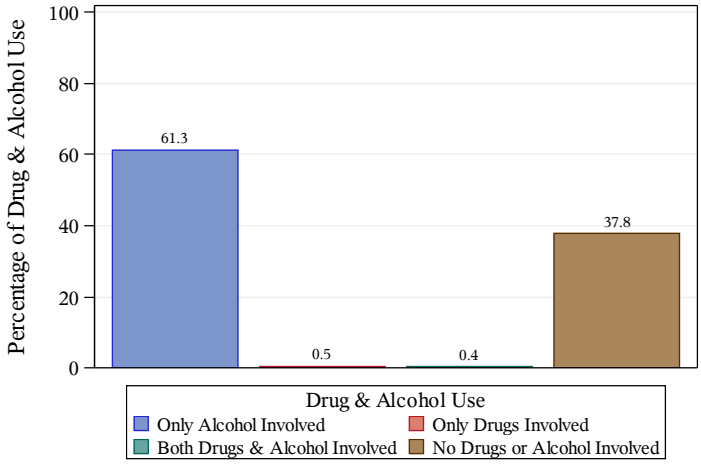
August 2018 to July 2019



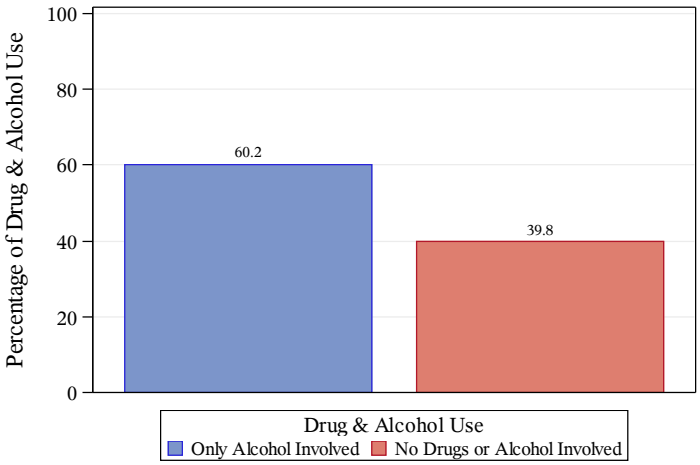
Motorcycle
August 2018 to July 2019



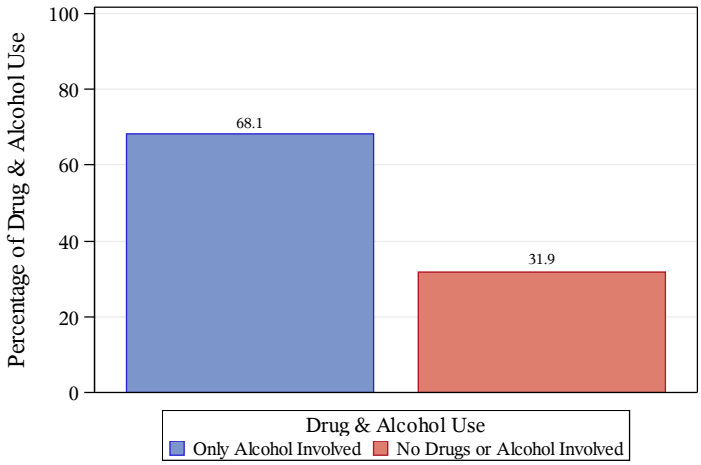
Automobile
August 2018 to July 2019



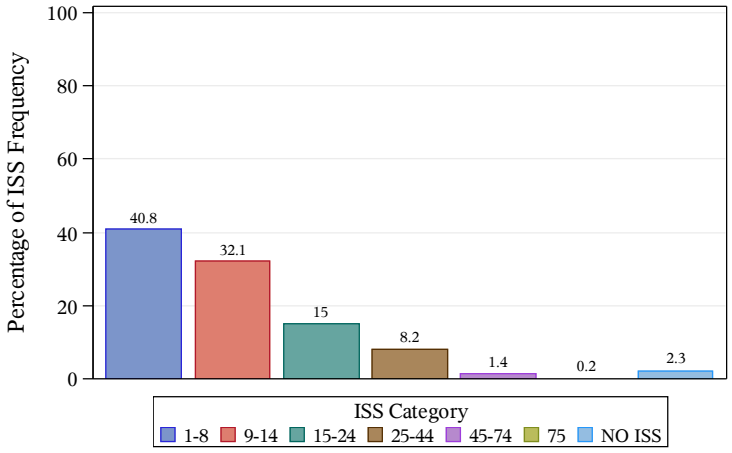
Bicyclist
August 2018 to July 2019



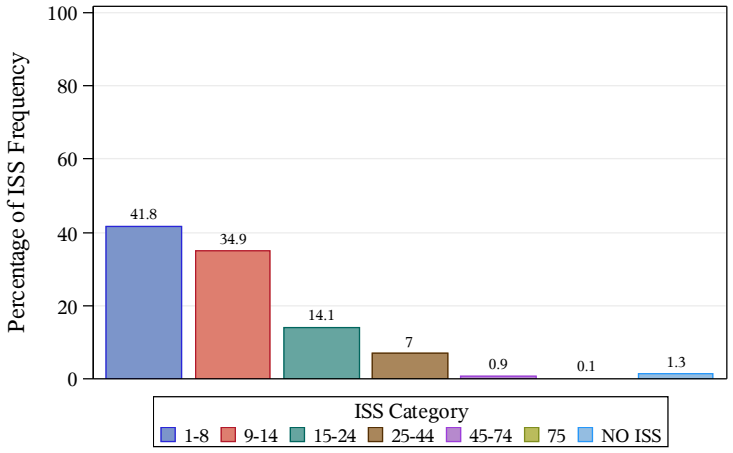
Pedestrian
August 2018 to July 2019



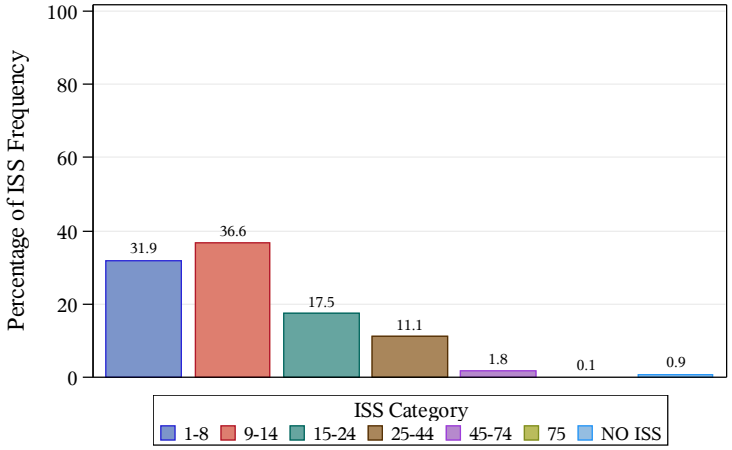
2018



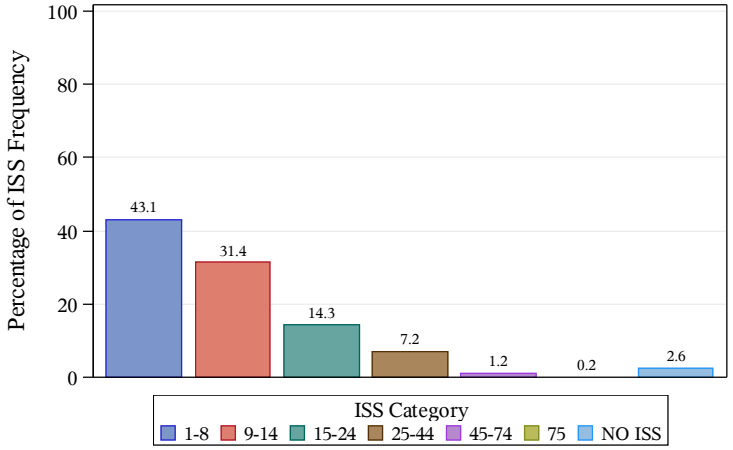
August 2018 to July 2019



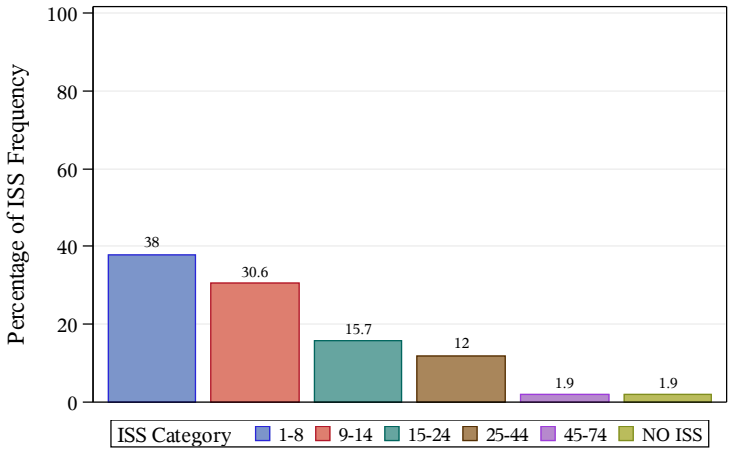
Motorcycle
August 2018 to July 2019



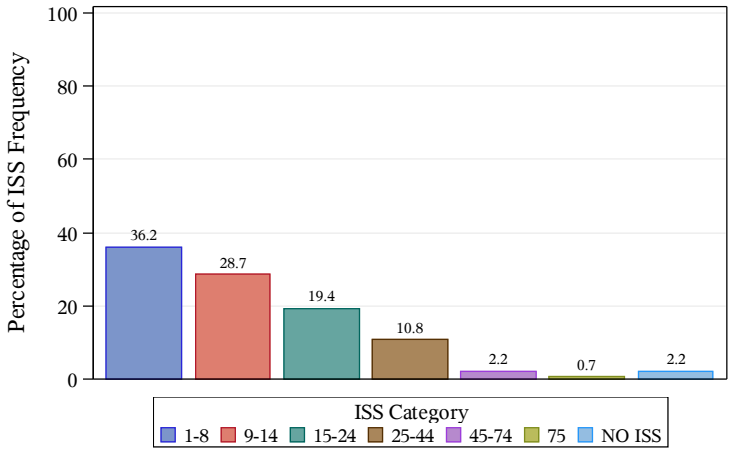
Automobile
August 2018 to July 2019



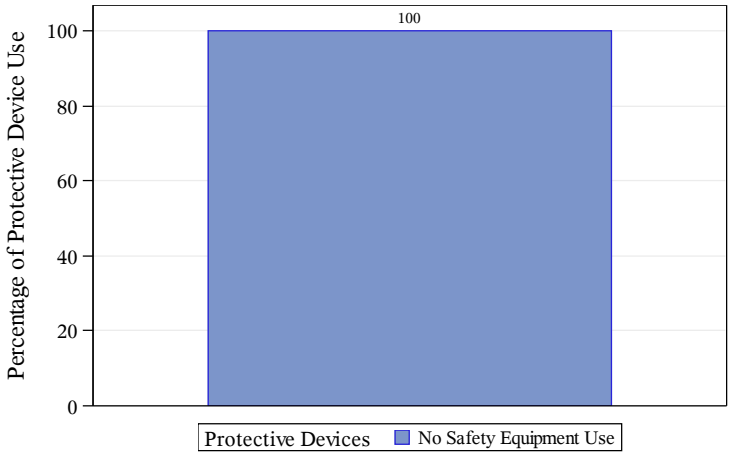
Bicyclist
August 2018 to July 2019



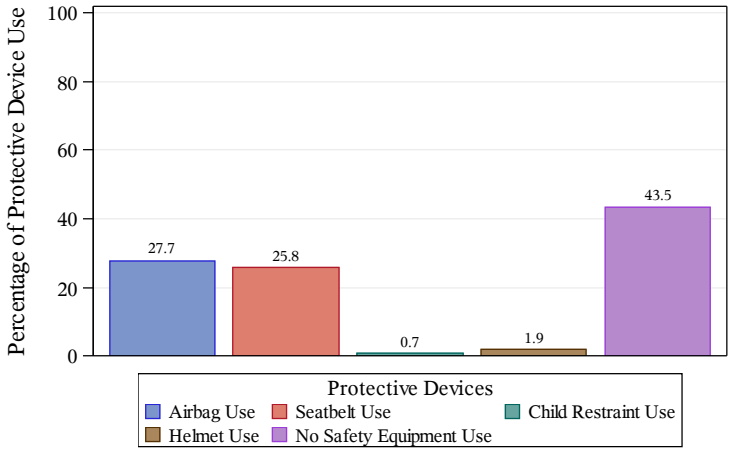
Pedestrian
August 2018 to July 2019



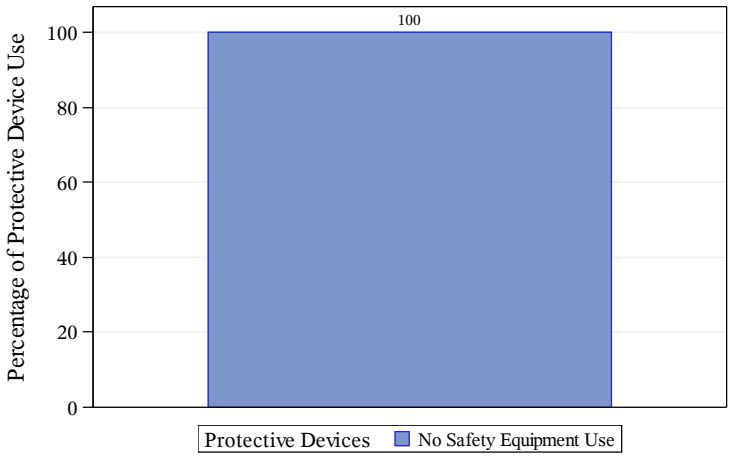
2018



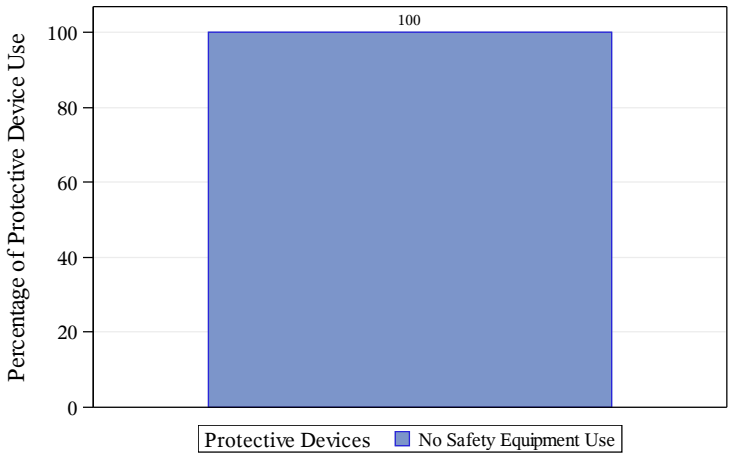
August 2018 to July 2019



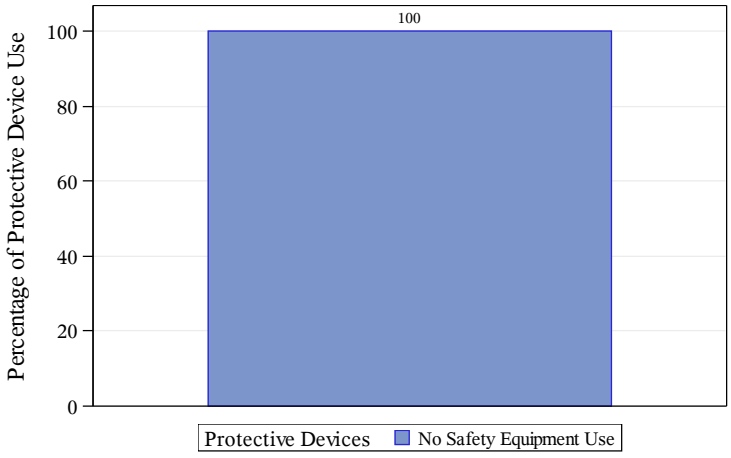
Motorcycle
August 2018 to July 2019



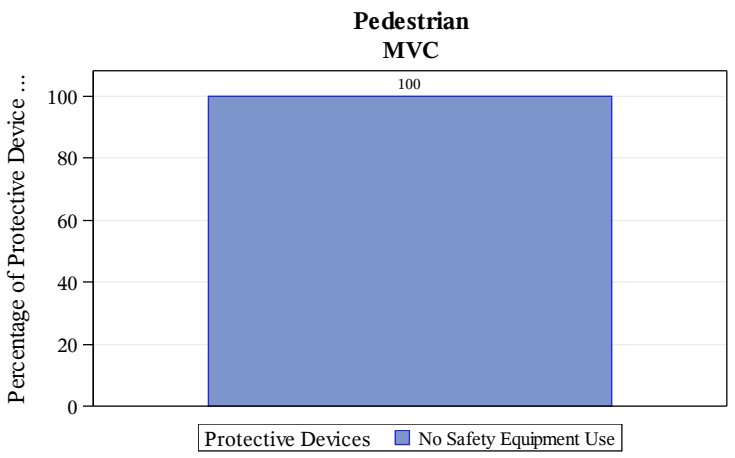
Automobile
August 2018 to July 2019

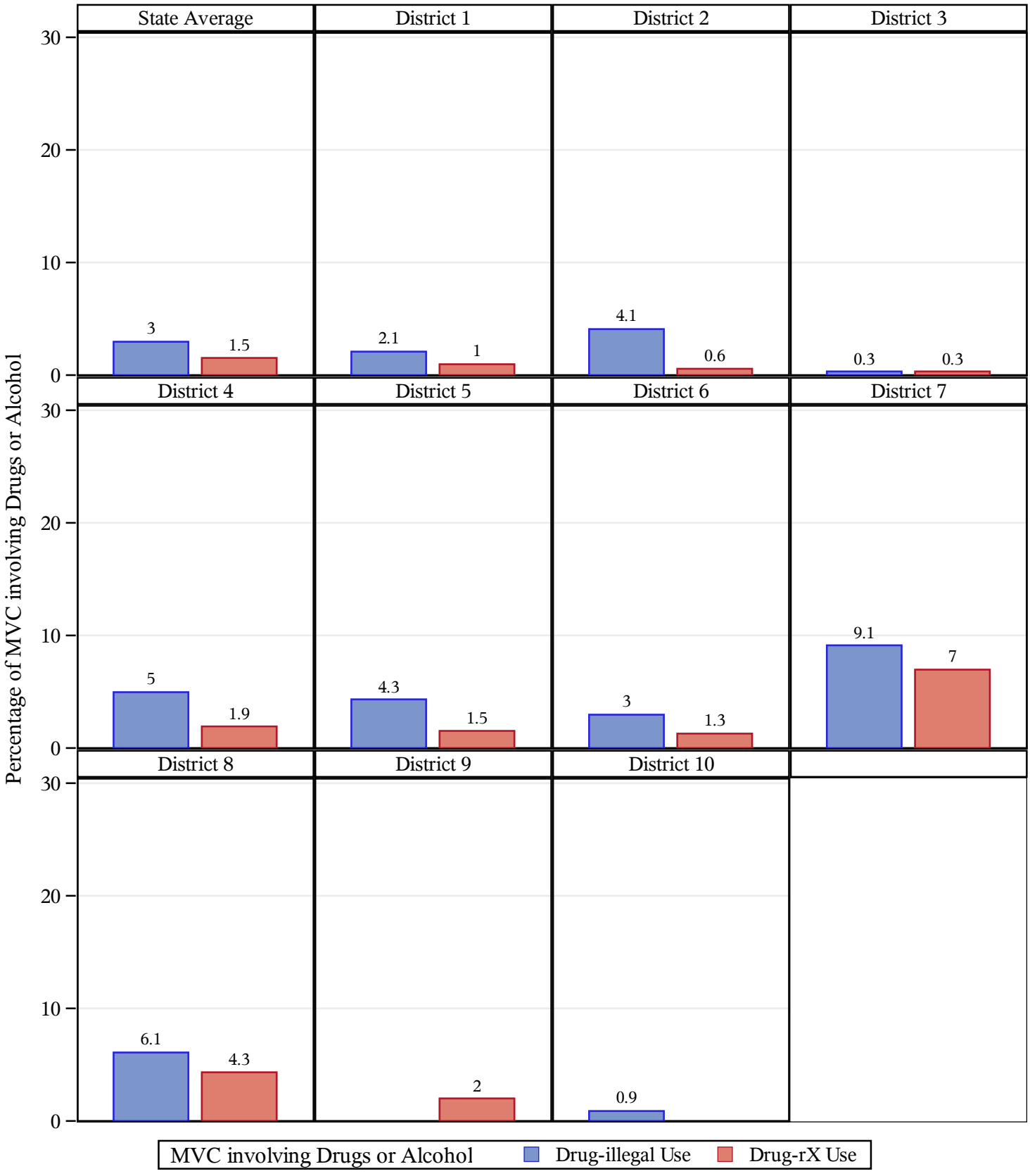


Bicyclist
August 2018 to July 2019



Pedestrian
August 2018 to July 2019




State Average
District 1
District 2
District 3
District 4
District 5
District 6
District 7
District 8
District 9
District 10
Percentage of MVC involving Drugs or Alcohol
0
10
20
30
3
1.5
2.1
1
4.1
0.6
0.3
0.3
5
1.9
4.3
1.5
3
1.3
9.1
7
6.1
4.3
2
0.9
MVC involving Drugs or Alcohol
Drug-illegal Use
Drug-rX Use