

The Indiana State Department of Health (ISDH) and the Indiana Hospital Association hosted the Optimal Course offered by the Society of Trauma Nurses on October 11. The course is intended for hospitals that would like to become trauma centers and for those that want to be active participants in the statewide trauma system. The course utilized the Resources for Optimal Care of the Injured Patient 2006 training book.

During the month of October, the trauma registry manager traveled to several hospitals to train staff on the Indiana trauma registry. On October 17th, Katie Gatz traveled to northwest Indiana to train two hospitals, Porter Valparaiso and Methodist Southlake, on the ISDH patient registry.

Jessica Skiba, the injury prevention epidemiologist, and Katie Gatz attended a training on the Traffic Records Improvement Program Reporting System (TRIPRS) on October 24.

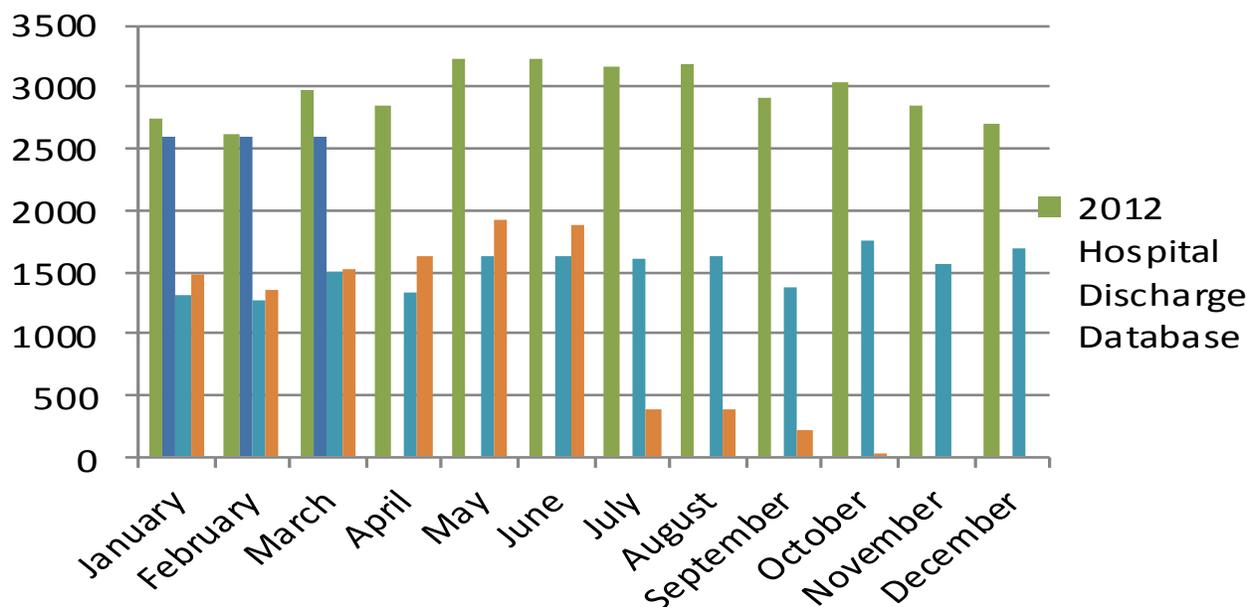
The Trauma Registry Rule will require all pre-hospital providers, hospitals with emergency departments, and the State's seven rehabilitation hospitals to report trauma cases to the ISDH trauma registry. The rule was signed by Governor Pence on October 25 and will be in affect starting November 24.

Director Brian Carnes and Katie Gatz trained Grant County EMS on the EMS registry on October 30th.

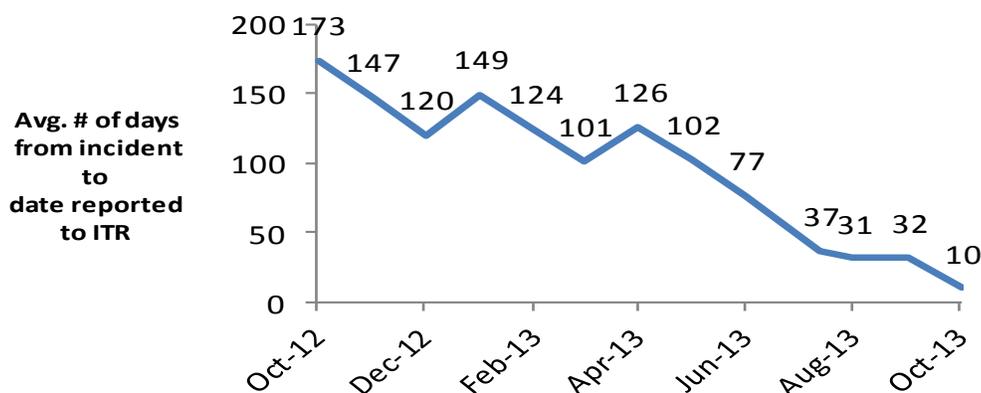
The Indiana Trauma Registry (ITR) monthly report is a dashboard style report for the Indiana Criminal Justice Institute (ICJI) and any other party concerned about trauma in Indiana. This report highlights the three data quality measures for the ICJI grant: completeness, timeliness, and uniformity. This 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 ITR's data is.



Timeliness (in Days)



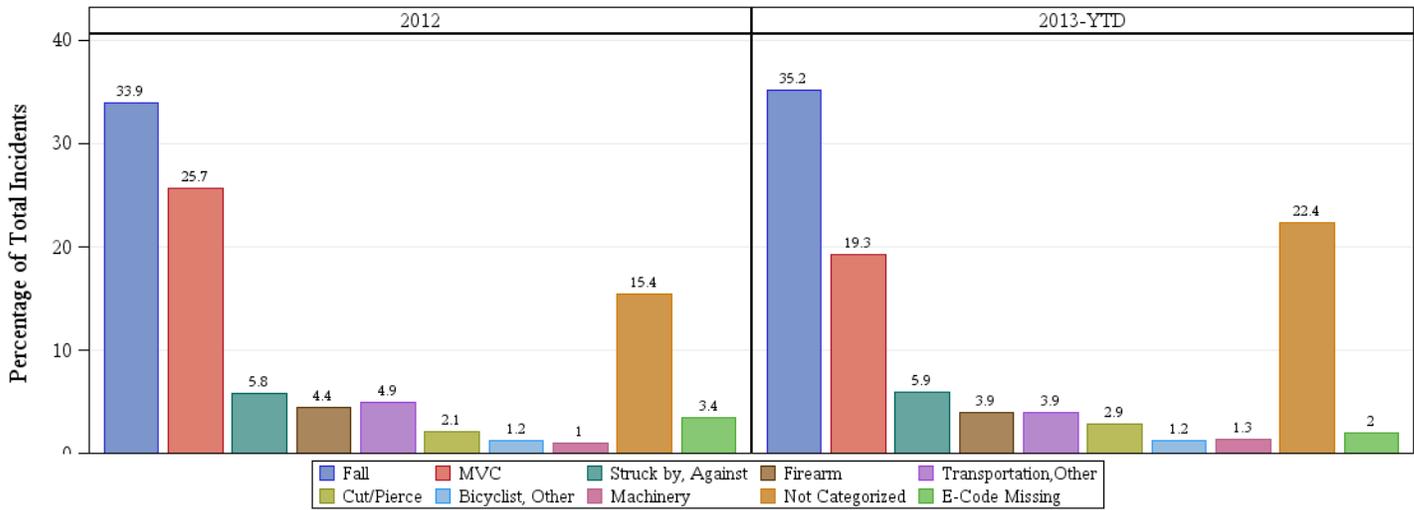
Timeliness increases as facilities wait until the data submission deadline to submit data to the ITR. Hospitals are asked to report data on the national trauma (TQIP) reporting schedule.

The decrease in timeliness from March 2013 until October 2013 is due to only timely reports being provided to the ITR during this time frame, typically from non-trauma hospitals and early reporting trauma centers.

Uniformity

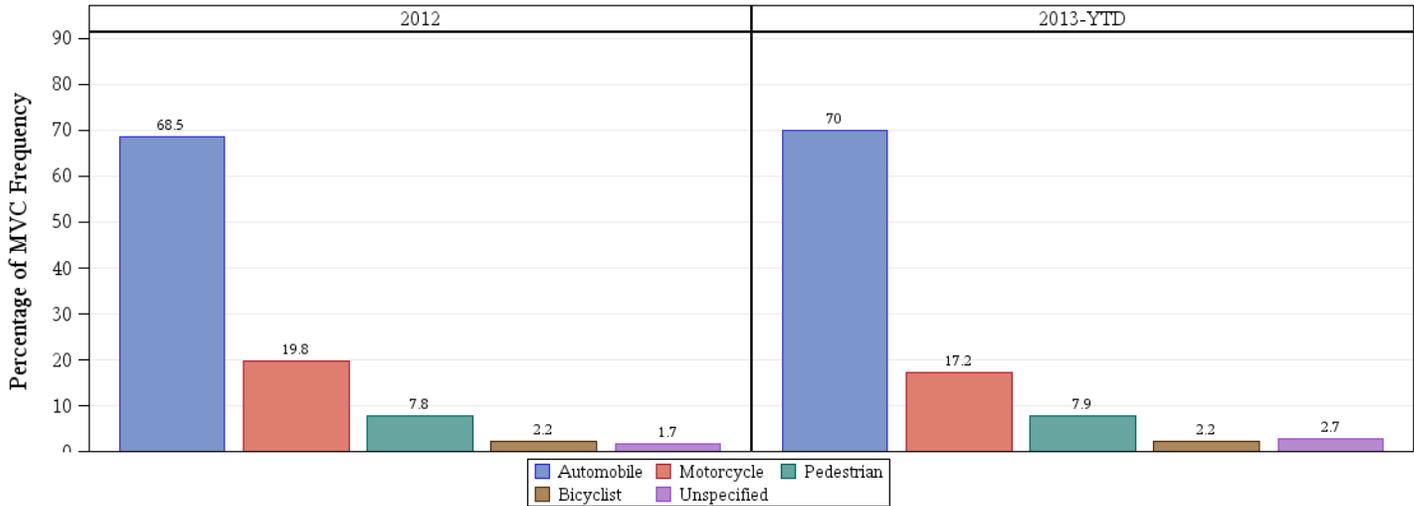
Actions to improve uniformity of data in the Indiana Trauma Registry:

- Conducted baseline inter-rater reliability study in 2012
- Will schedule follow-up inter-rater reliability study in 2013
 - Working to perform one study in 2013
 - Looking at other sources of cases for study

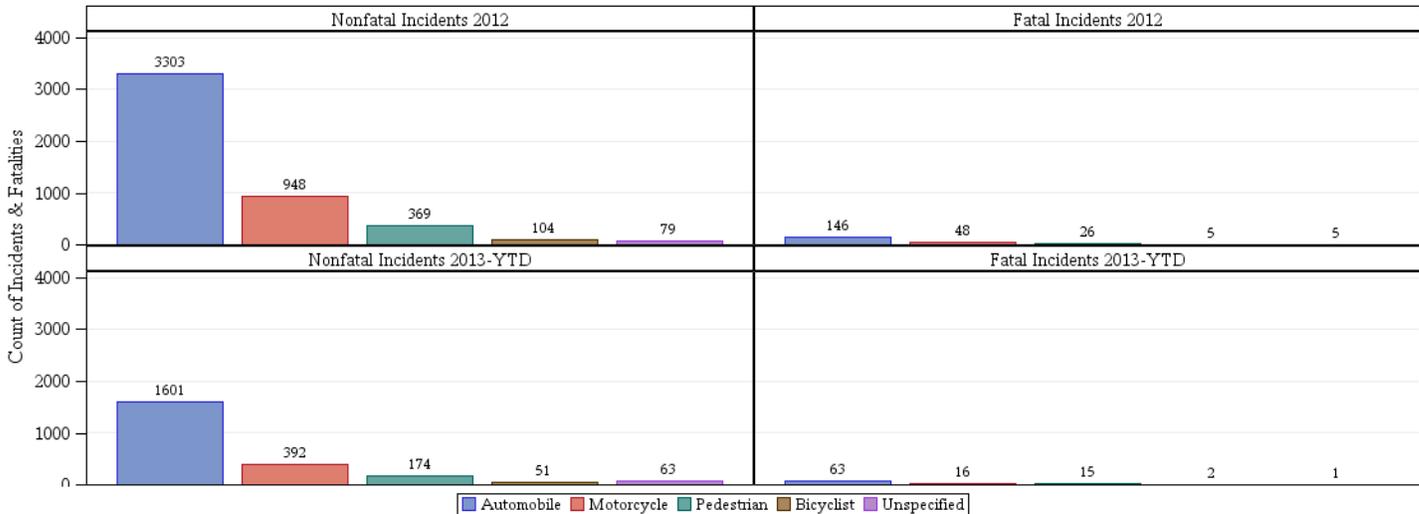


<1% of COI: Pedestrian (Other), Natural/Environmental, Overexertion, Fire/Burn, and Bites/Stings

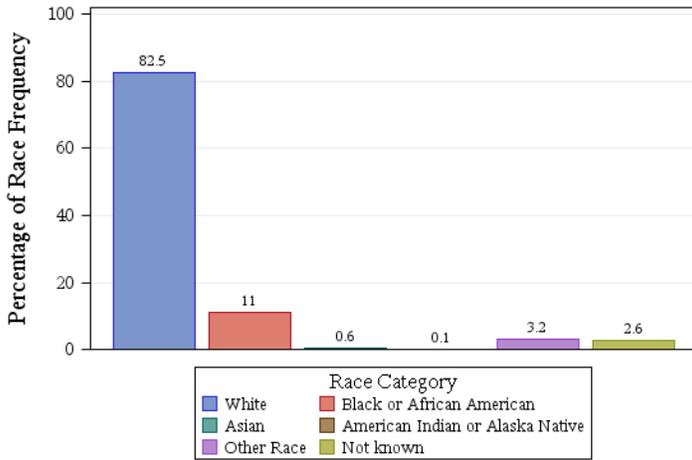
COI-Motor Vehicle Collision (MVC)



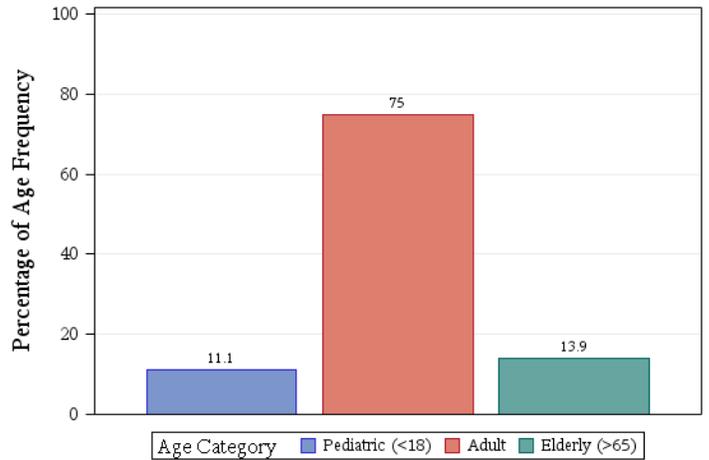
COI-MVC Nonfatal Incidents and Fatal Incidents



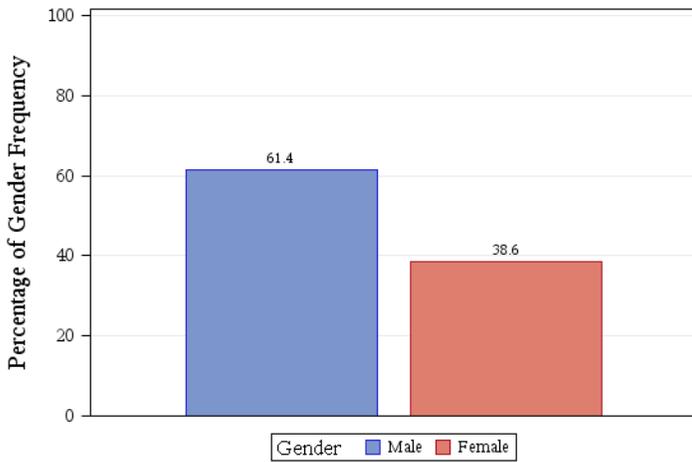
Race



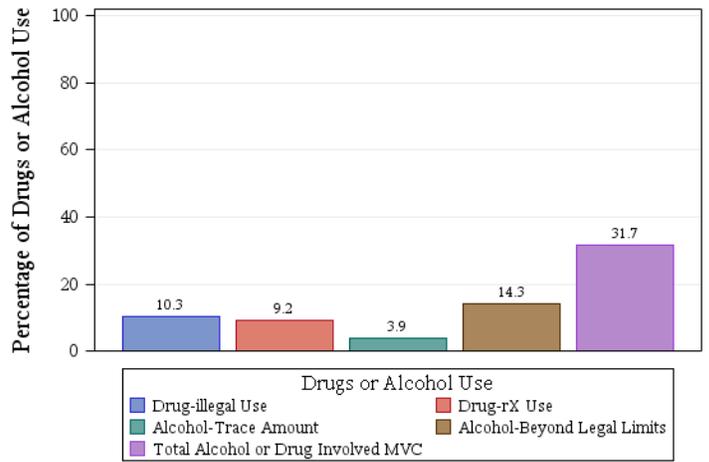
Age



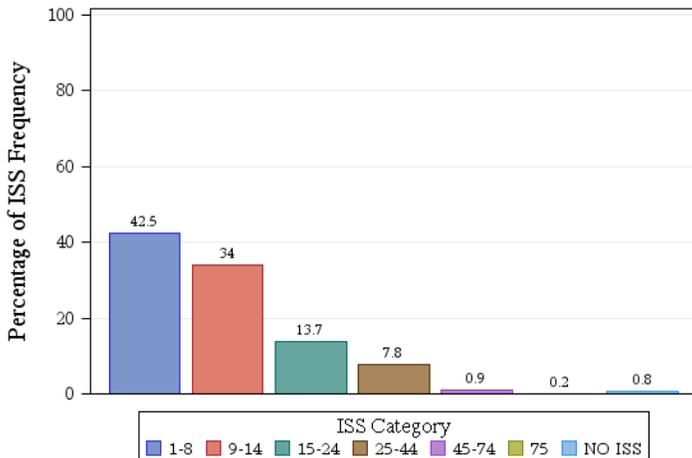
Gender



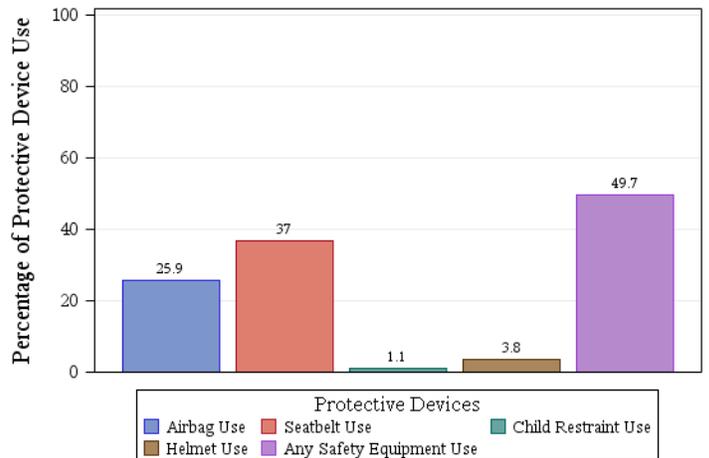
Drug & Alcohol Use



Injury Severity Score

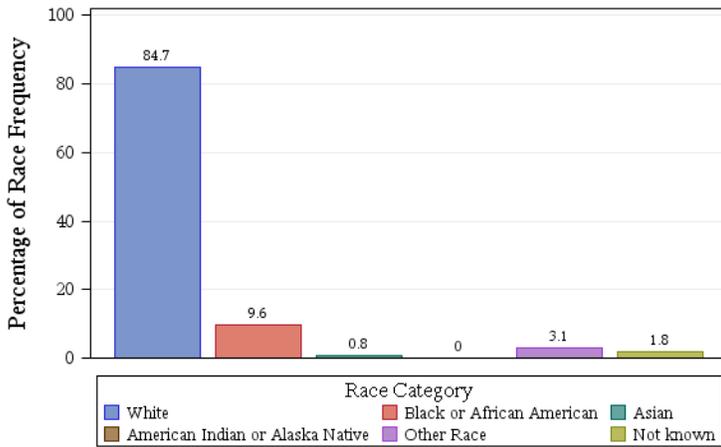


Protective Devices

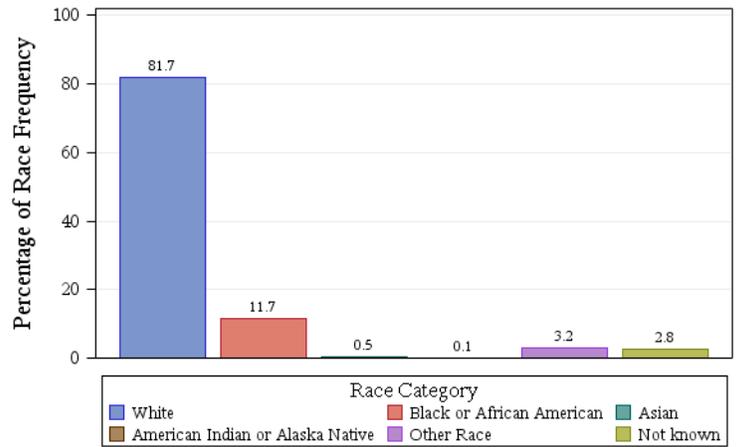


Injury Severity Score (ISS) is a measure of how bad the injury is. Scores over 15 are considered major trauma. A score of 75 is considered not survivable.

2012

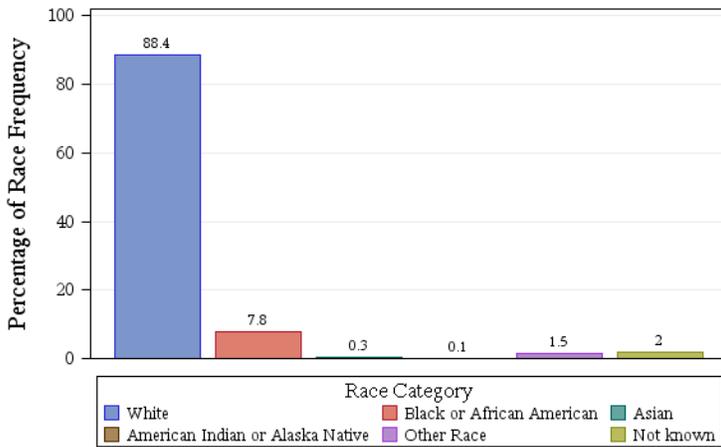


2013-YTD*

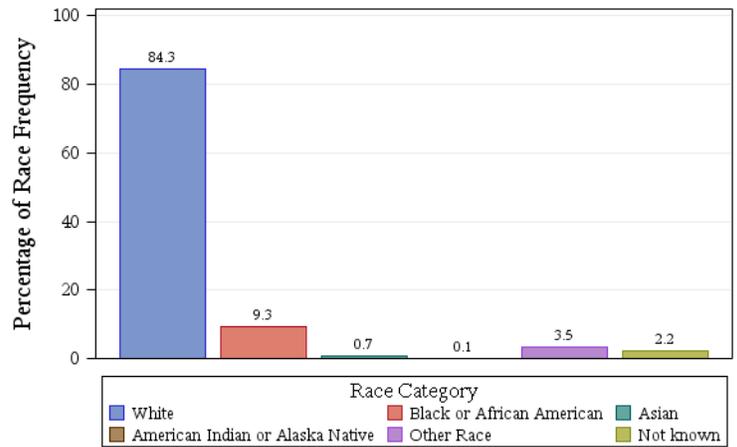


*May not constitute a representative view of 2013 trauma

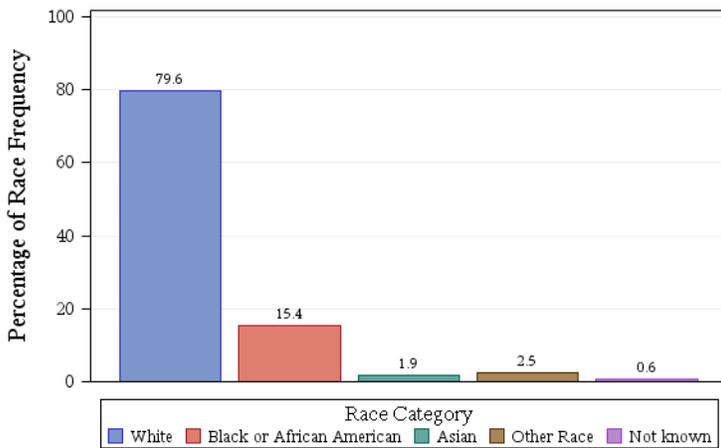
Motorcycle
2012-2013(YTD)



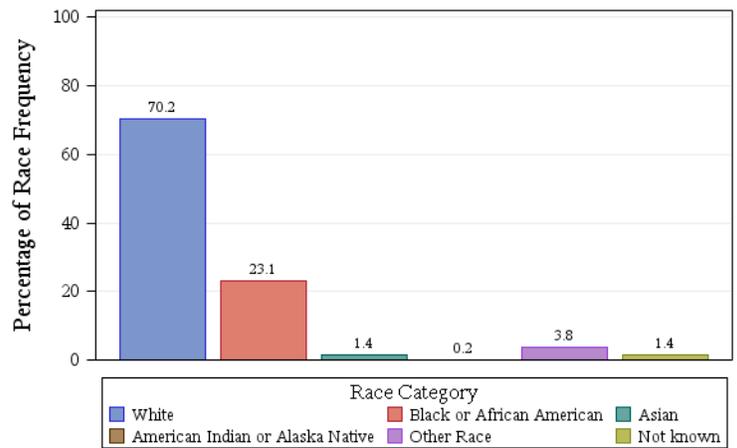
Automobile
2012-2013(YTD)



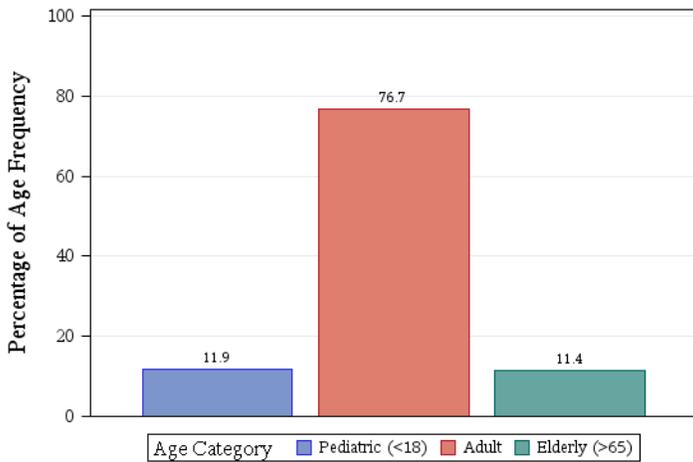
Bicyclist
2012-2013(YTD)



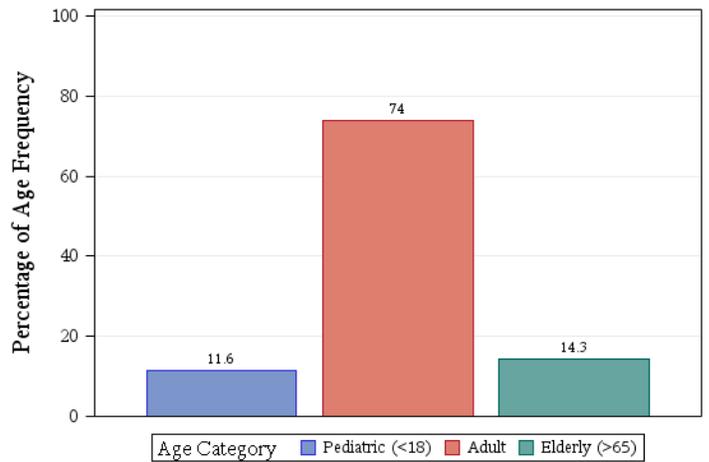
Pedestrian
2012-2013(YTD)



2012

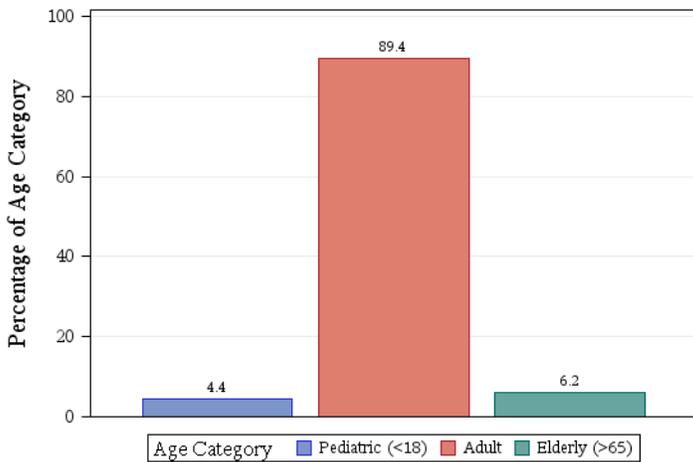


2013-YTD*

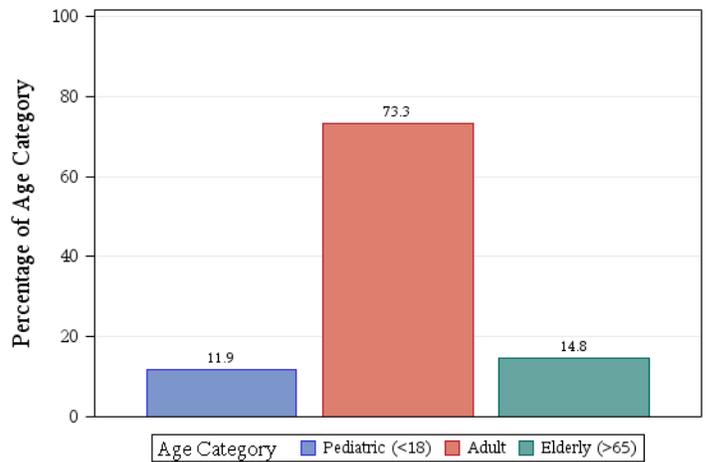


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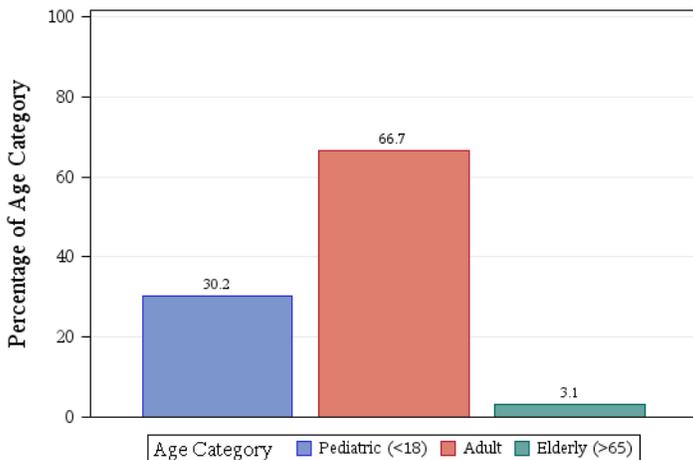
Motorcycle
2012-2013(YTD)



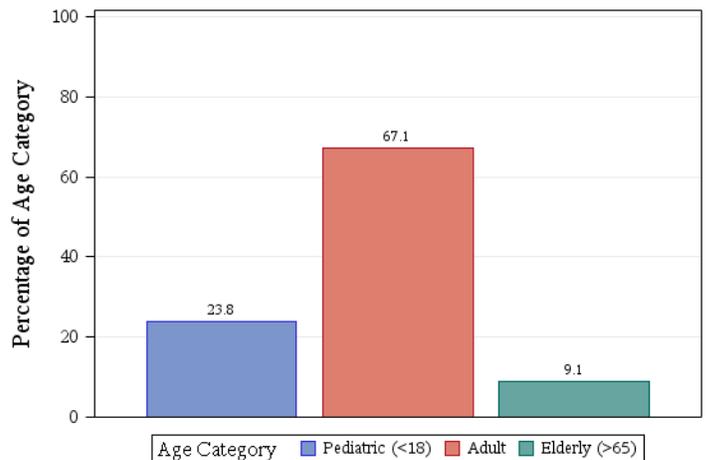
Automobile
2012-2013(YTD)



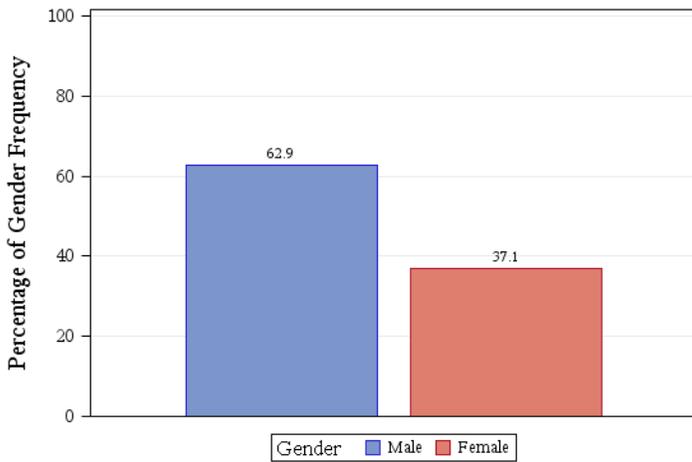
Bicyclist
2012-2013(YTD)



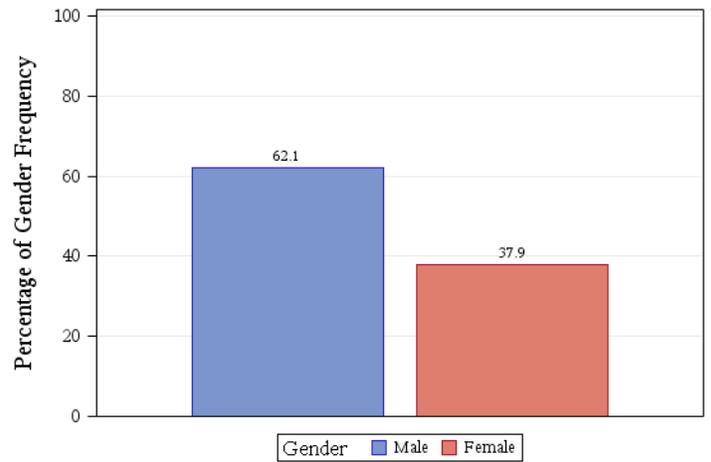
Pedestrian
2012-2013(YTD)



2012

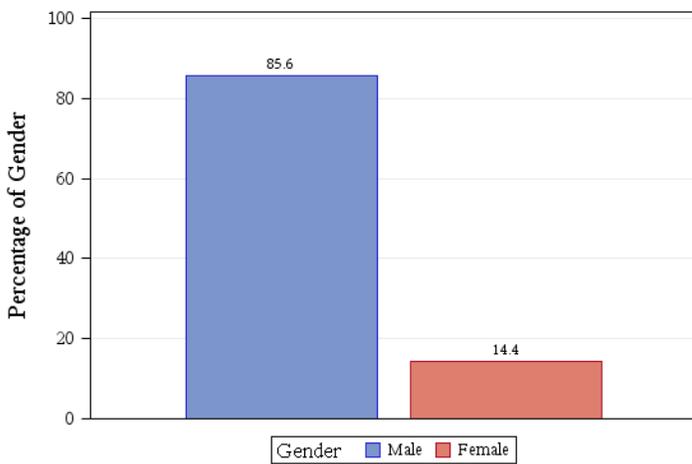


2013-YTD*

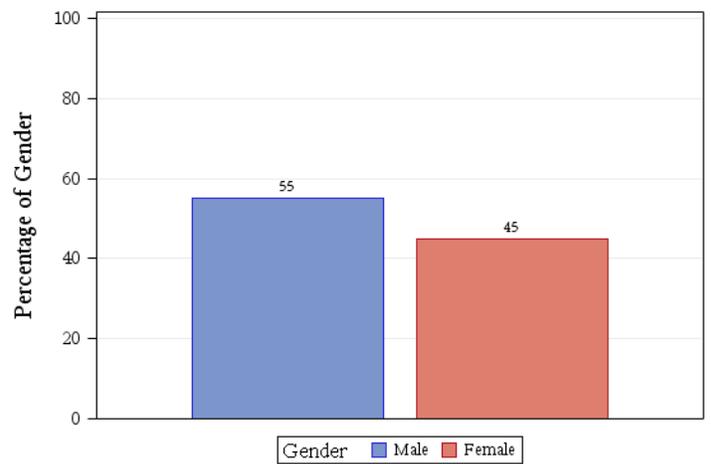


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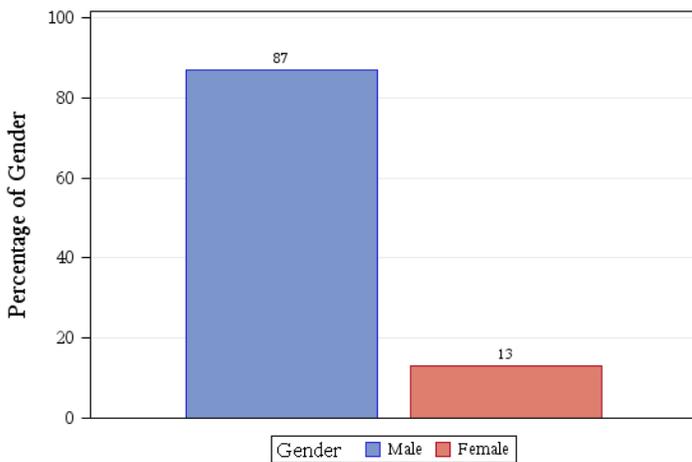
Motorcycle
2012-2013



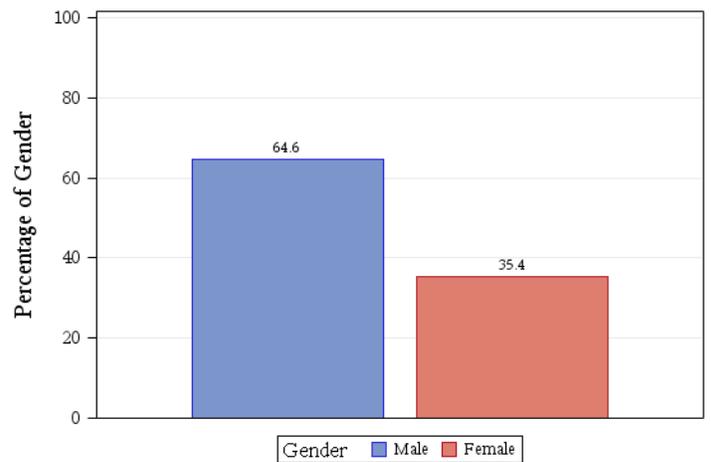
Automobile
2012-2013



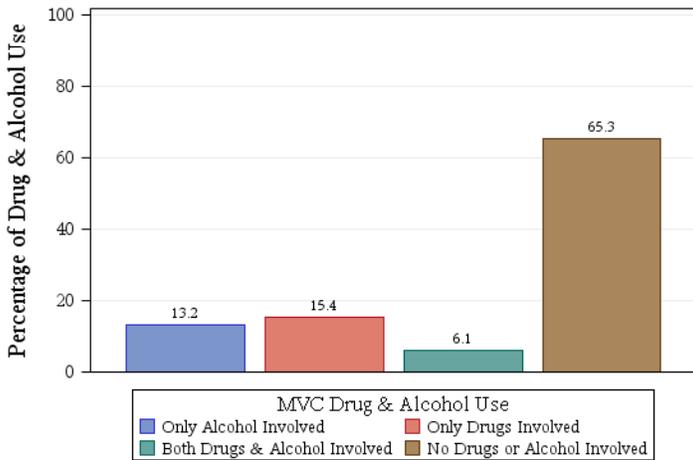
Bicyclist
2012-2013



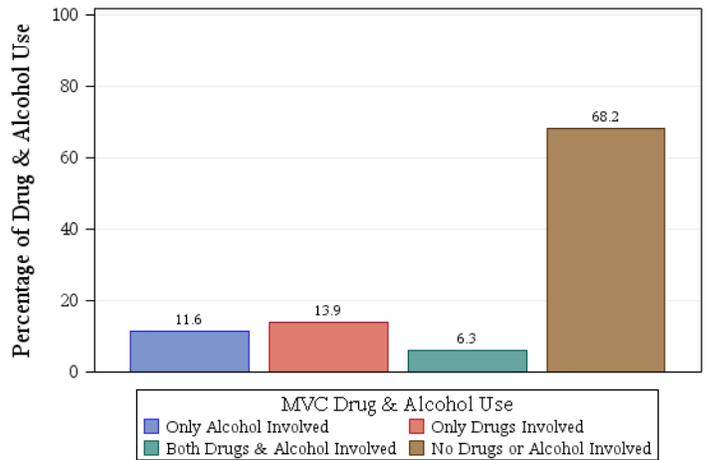
Pedestrian
2012-2013



2012

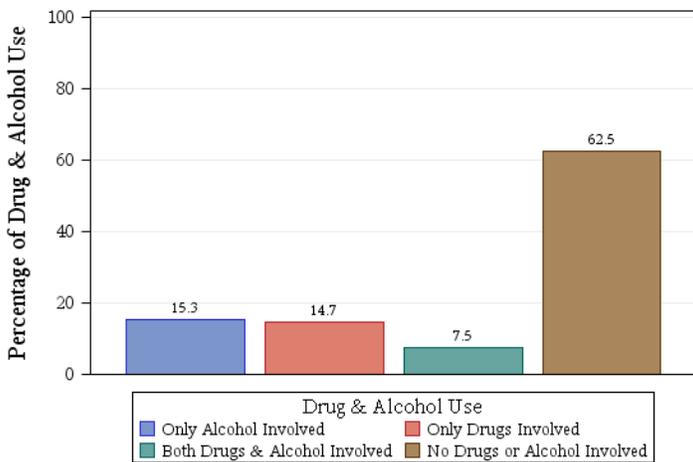


2013-YTD*

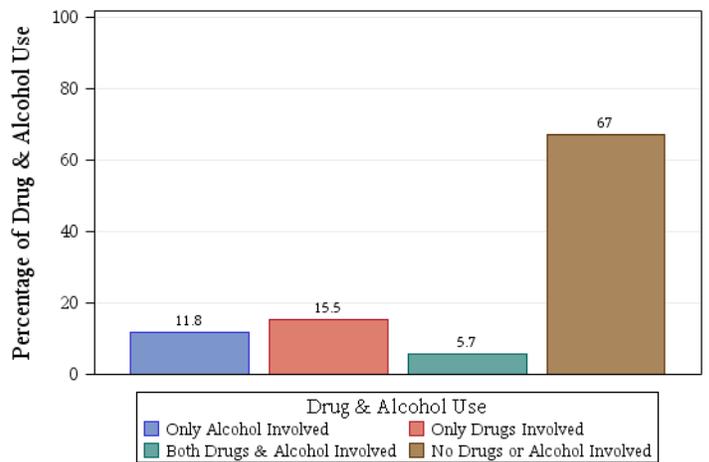


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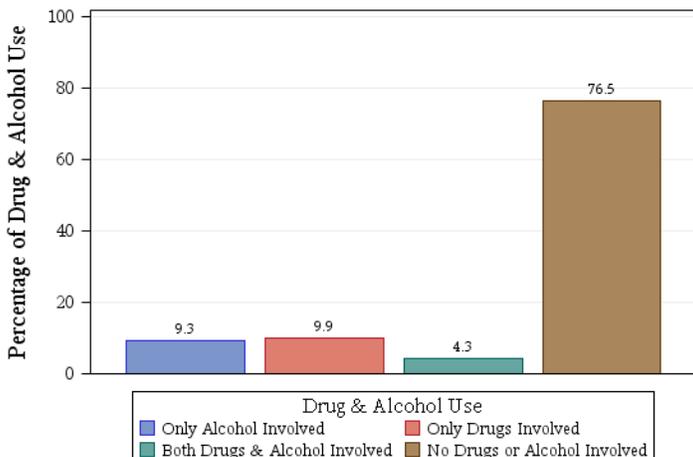
Motorcycle
2012-2013 (YTD)



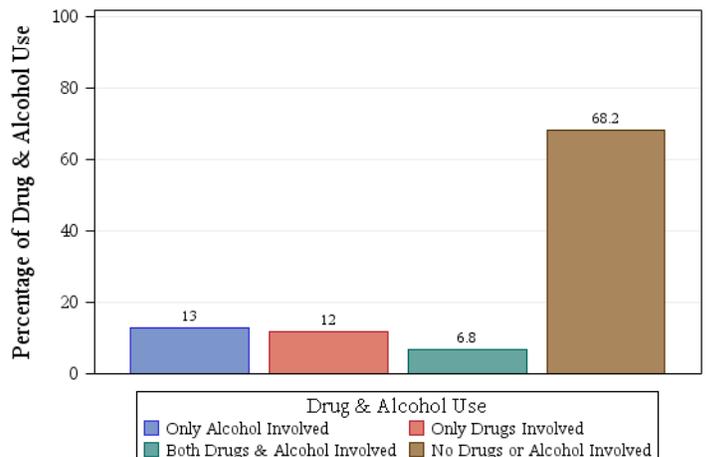
Automobile
2012-2013 (YTD)



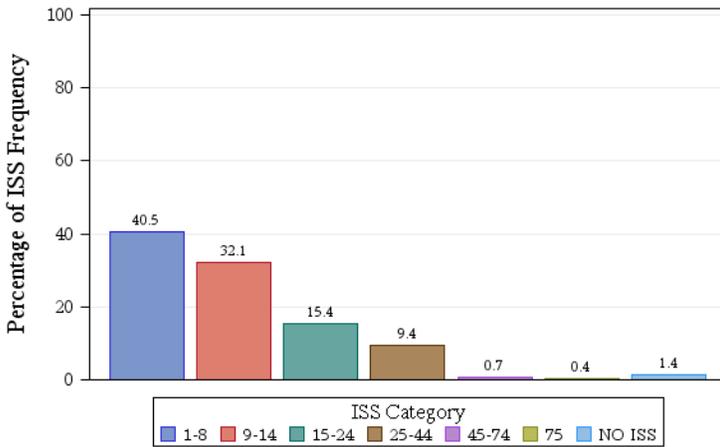
Bicyclist
2012-2013 (YTD)



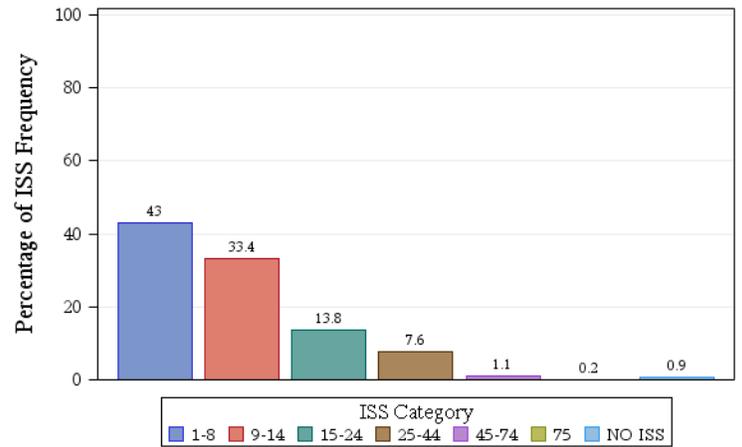
Pedestrian
2012-2013 (YTD)



2012

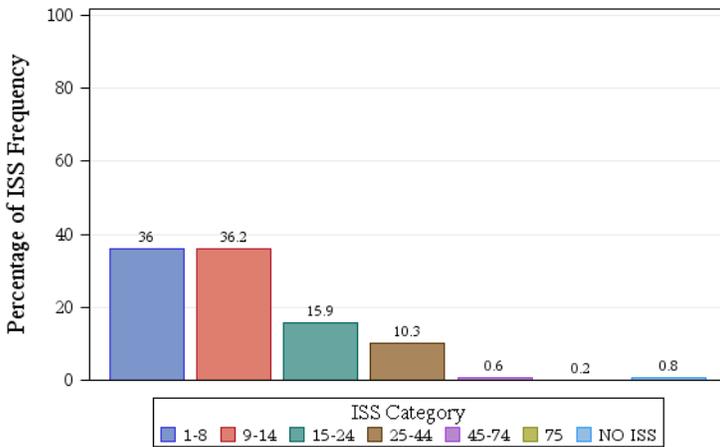


2013-YTD*

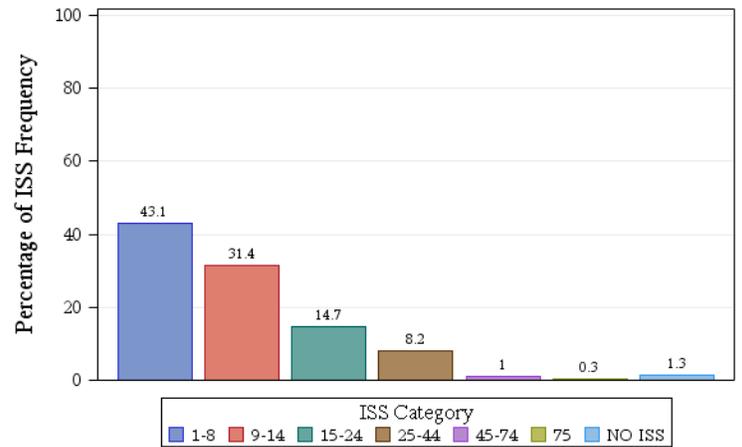


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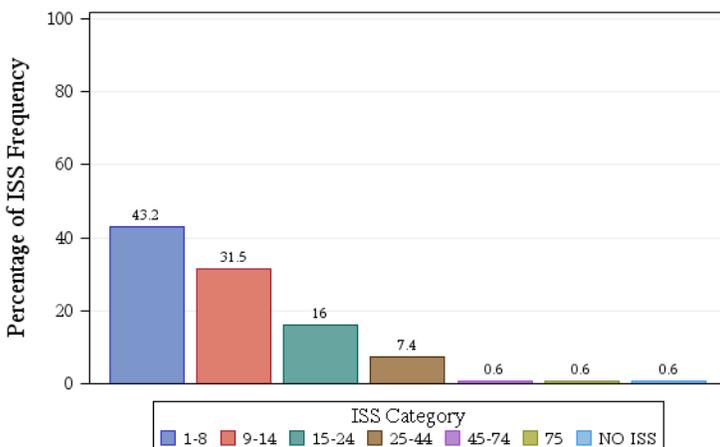
**Motorcycle
2012-2013 (YTD)**



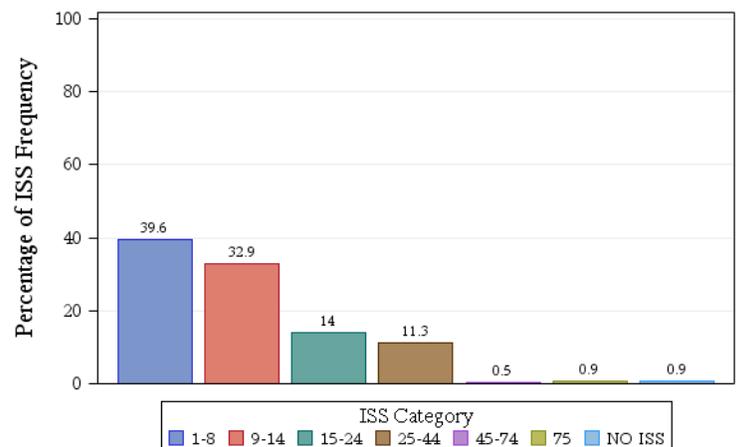
**Automobile
2012-2013 (YTD)**



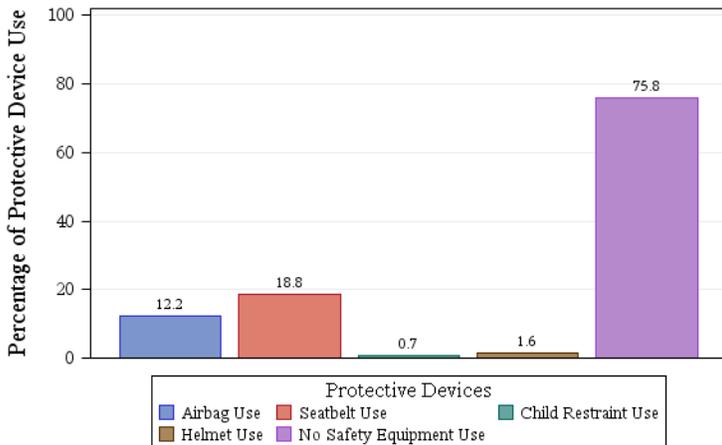
**Bicyclist
2012-2013 (YTD)**



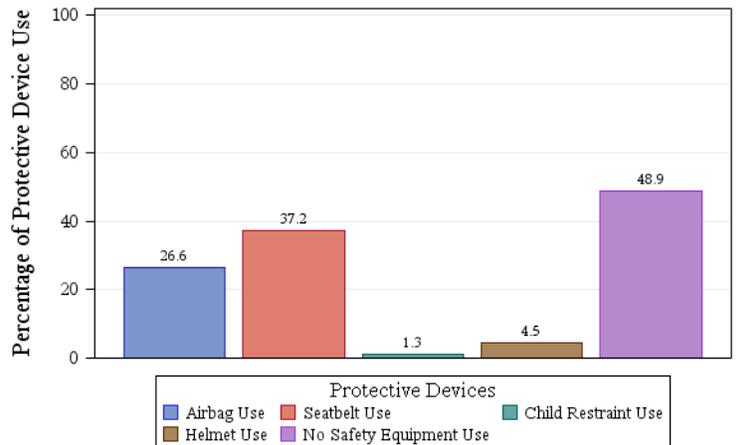
**Pedestrian
2012-2013 (YTD)**



2012

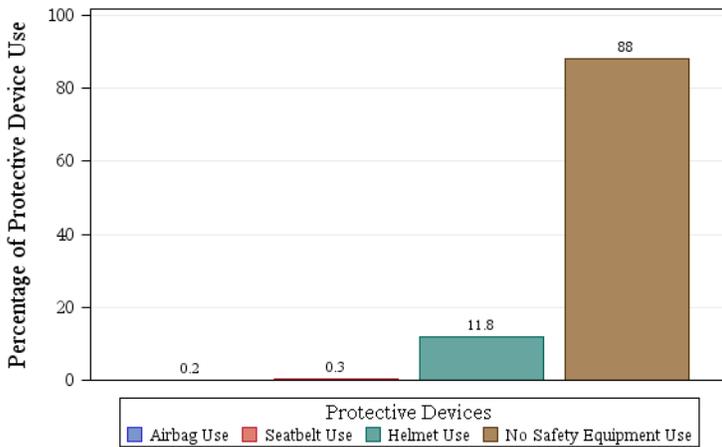


2013-YTD*

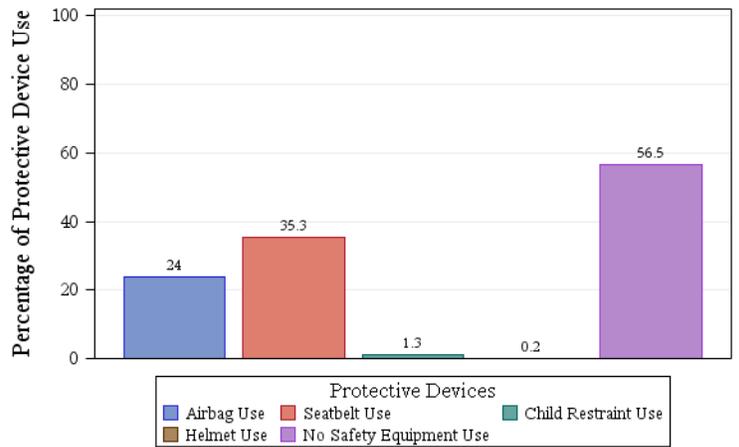


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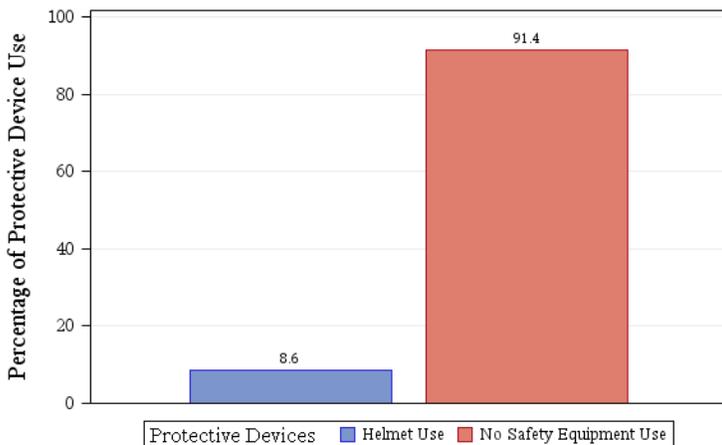
Motorcycle
2012-2013(YTD)



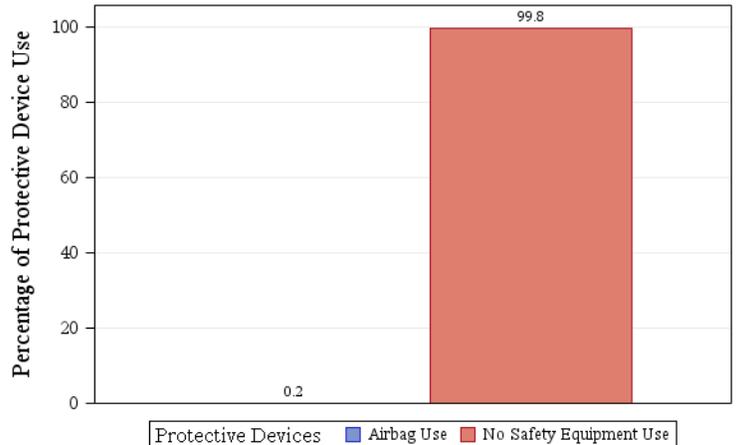
Automobile
2012-2013(YTD)



Bicyclist
2012-2013(YTD)



Pedestrian
2012-2013(YTD)



Indiana Trauma Registry November 2012 to October 2013 MVC involving Drugs or Alcohol By Public Health Preparedness Districts

