

Katie Gatz, the trauma registry manager, presented information about the Indiana Trauma Registry at the December 5 Spinal Cord & Brain Injury Board Meeting.

Jessica Skiba, the injury prevention epidemiologist, attended trainings on the software ArcGIS on December 5 and 6 at the Indiana Government Center.

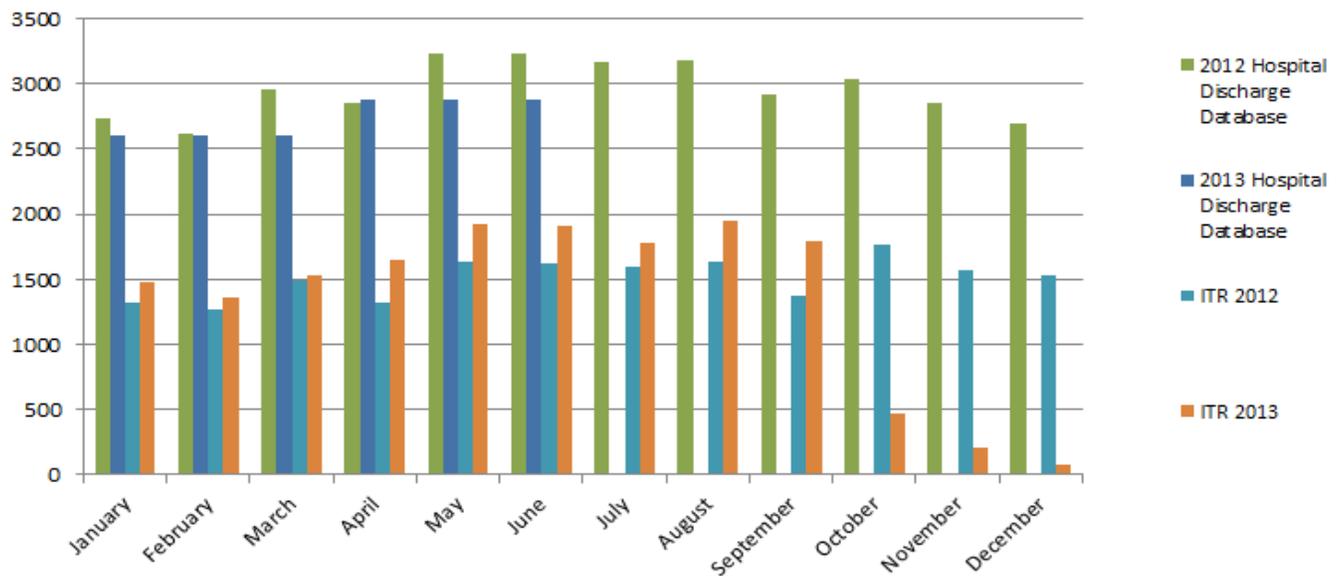
On December 10, Katie Gatz and Trauma Division Director Brian Carnes traveled to Terre Haute for the District 7 meeting with EMS providers to discuss the Trauma Registry Rule, which came into effect on November 24.

Katie Gatz trained Community North, East, South, and Howard Hospitals on the Indiana Trauma Registry on December 11.

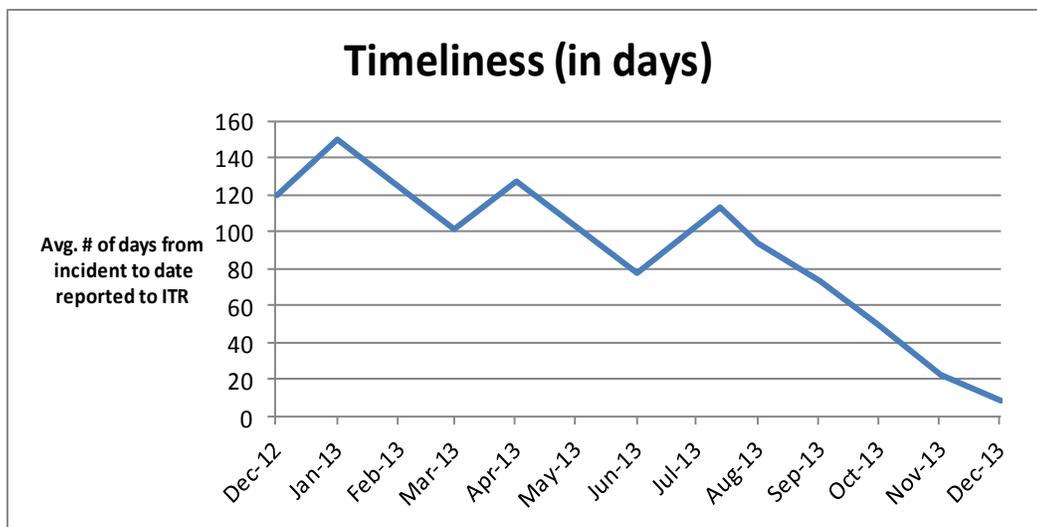
The Indiana Trauma Registry (ITR) monthly report is a dashboard style report for the Indiana Criminal Justice Institute (ICJI) and any other party concerned about trauma in Indiana. This report highlights the three data quality measures for the ICJI grant: completeness, timeliness, and uniformity. This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



Timeliness



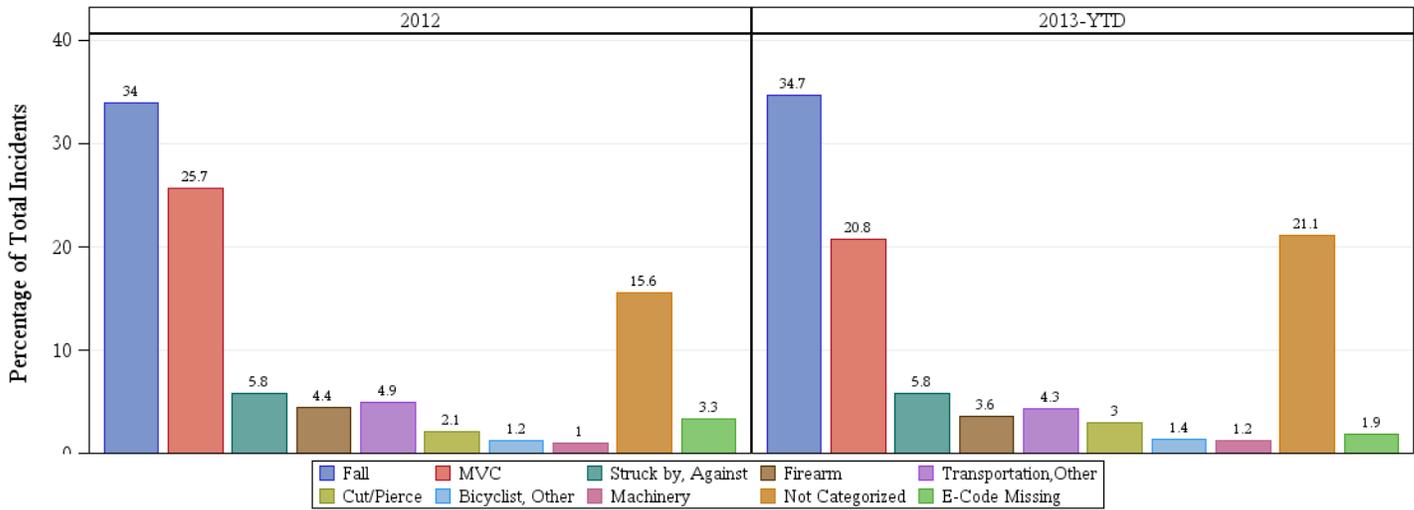
Timeliness increases as facilities wait until the data submission deadline to submit data to the ITR. Hospitals are asked to report data on the national trauma (TQIP) reporting schedule.

The decrease in timeliness from July 2013 until December 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

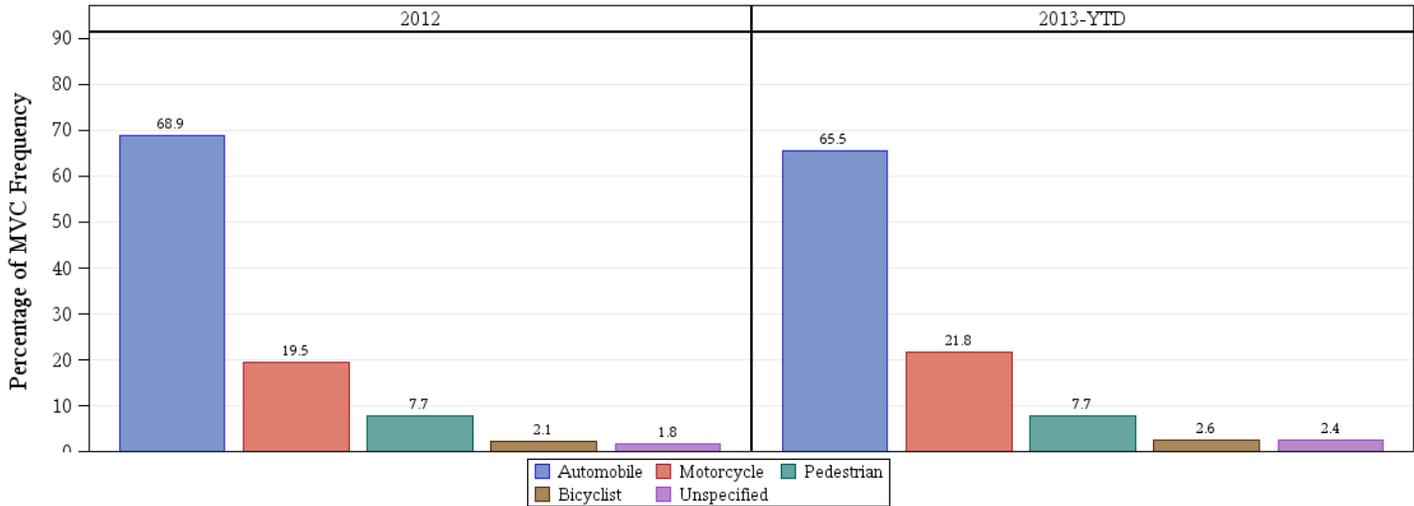
Actions to improve uniformity of data in the Indiana Trauma Registry:

- Conducted baseline inter-rater reliability study in 2012
- Will schedule follow-up inter-rater reliability study in March 2014
 - Working to perform smaller, monthly inter-rater reliability studies starting March
 - Looking at other sources of cases for study
- Investigating integration of trauma and EMS data
 - Exploring options to link between trauma and EMS data
 - Working with EMS providers to submit valid Hospital Facility ID codes

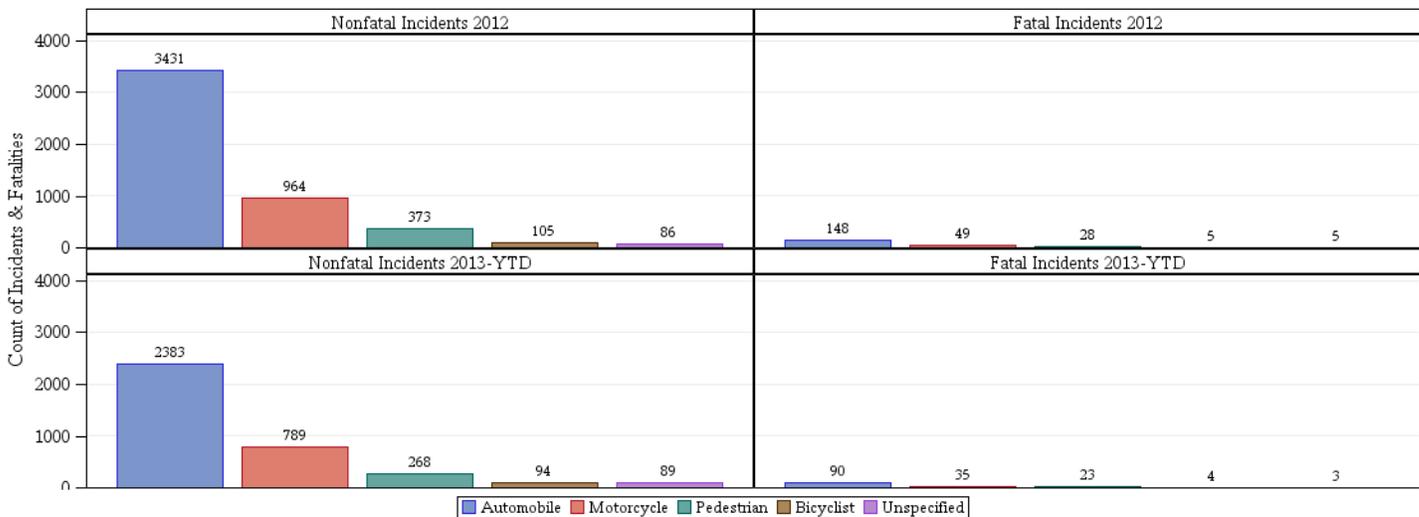


<1% of COI: Pedestrian (Other), Natural/Environmental, Overexertion, Fire/Burn, and Bites/Stings

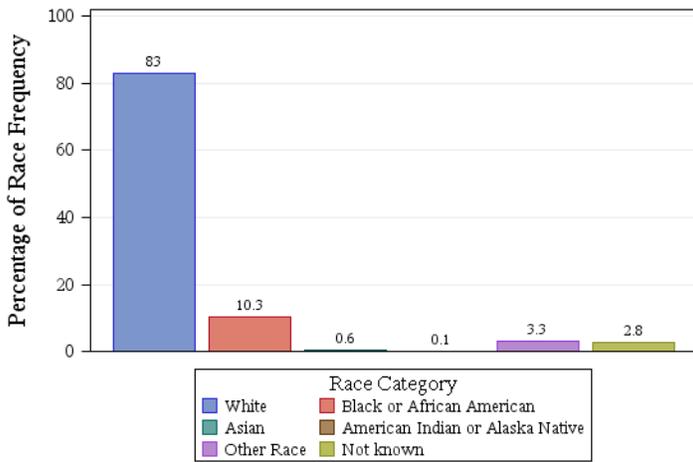
COI-Motor Vehicle Collision (MVC)



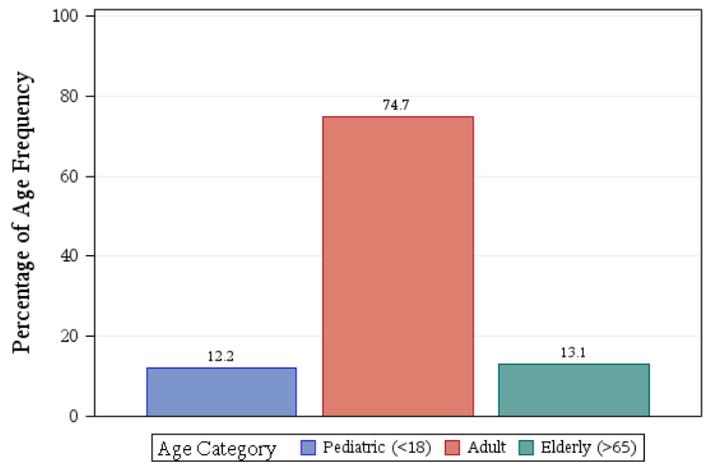
COI-MVC Nonfatal Incidents and Fatal Incidents



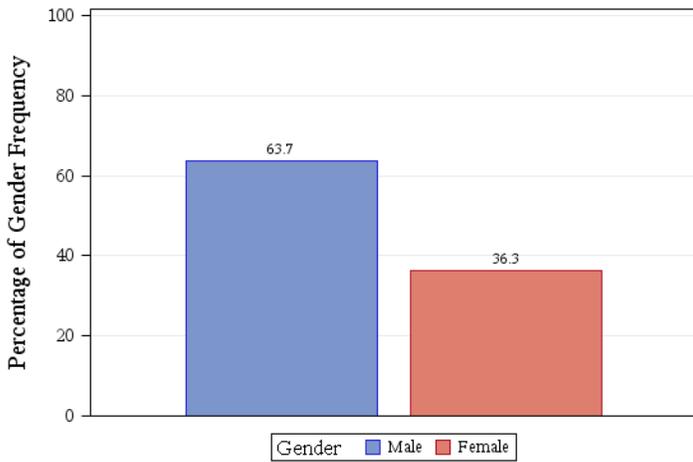
Race



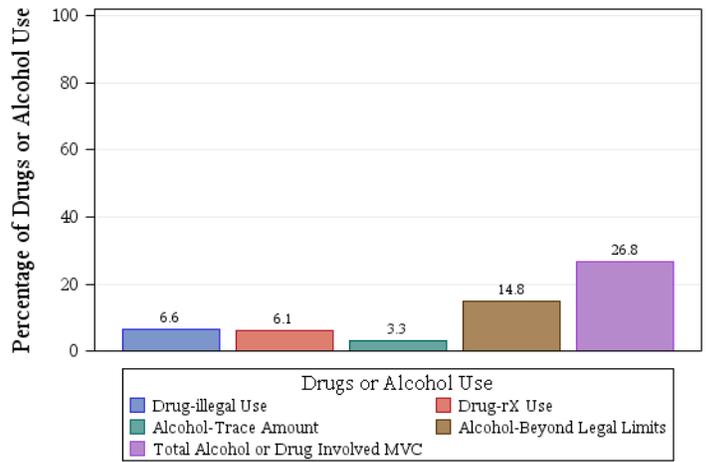
Age



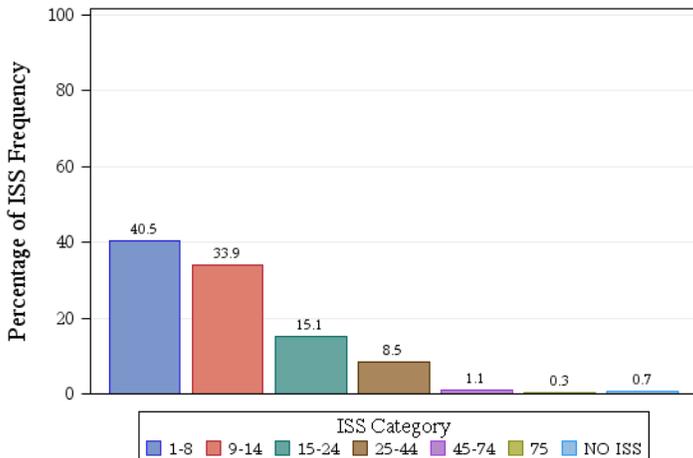
Gender



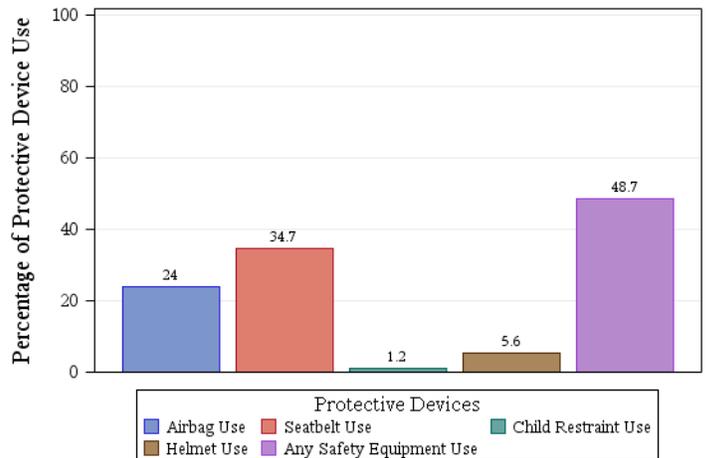
Drug & Alcohol Use



Injury Severity Score

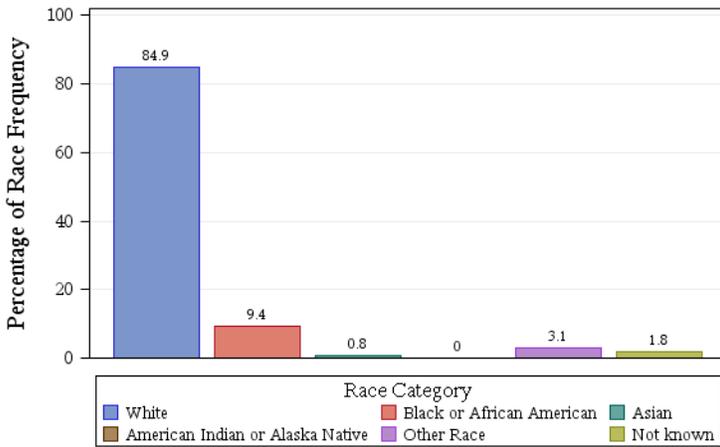


Protective Devices

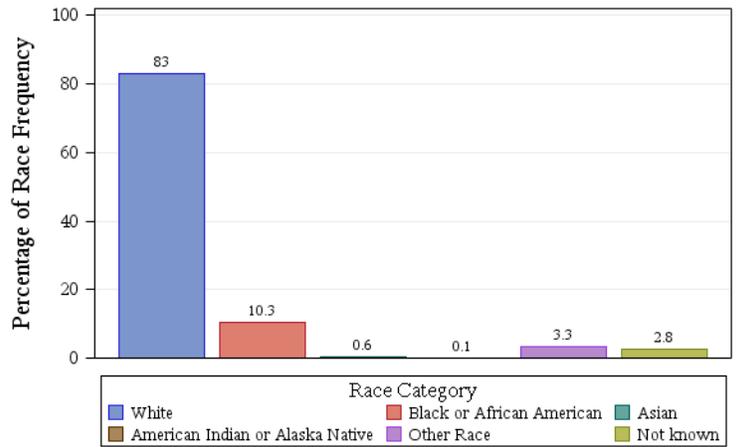


Injury Severity Score (ISS) is a measure of how bad the injury is. Scores over 15 are considered major trauma. A score of 75 is considered not survivable.

2012

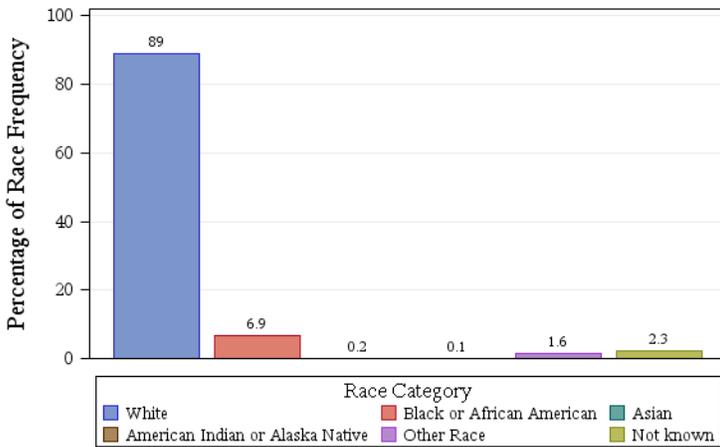


2013-YTD*

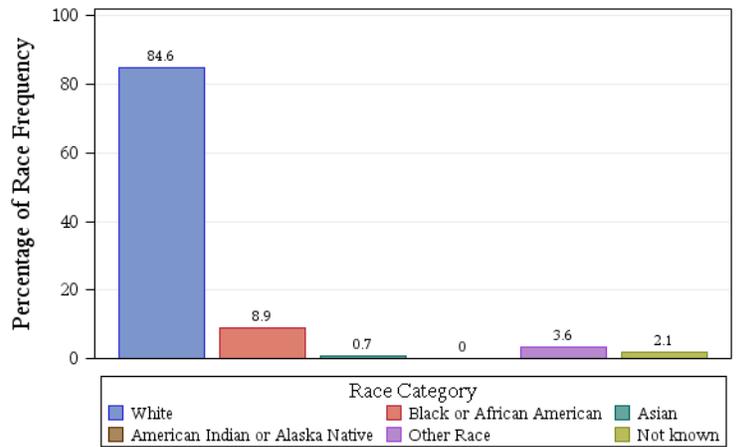


*May not constitute a representative view of 2013 trauma

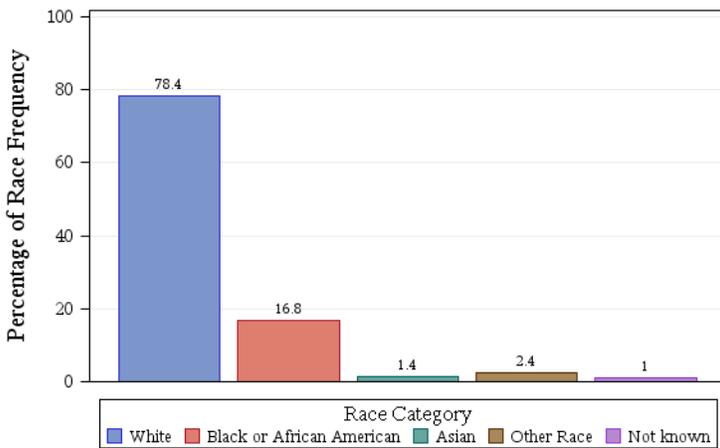
**Motorcycle
2012-2013(YTD)**



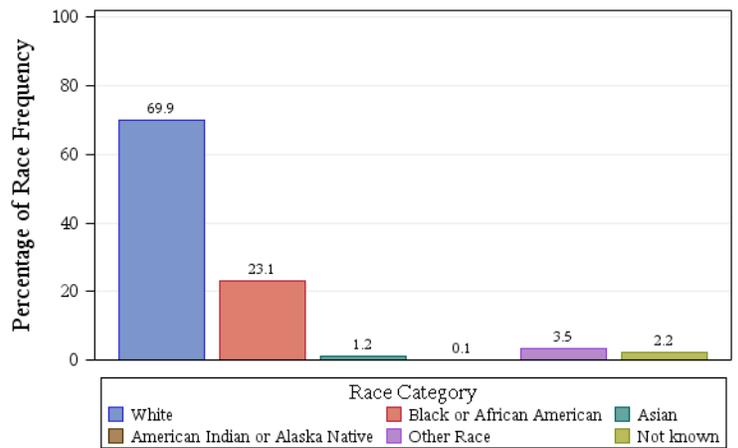
**Automobile
2012-2013(YTD)**



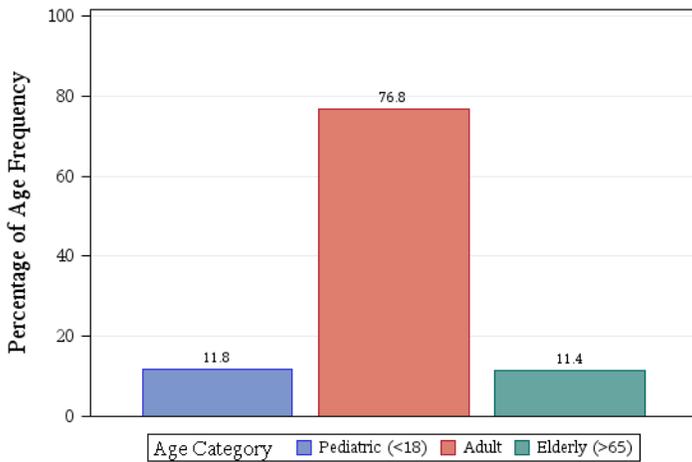
**Bicyclist
2012-2013(YTD)**



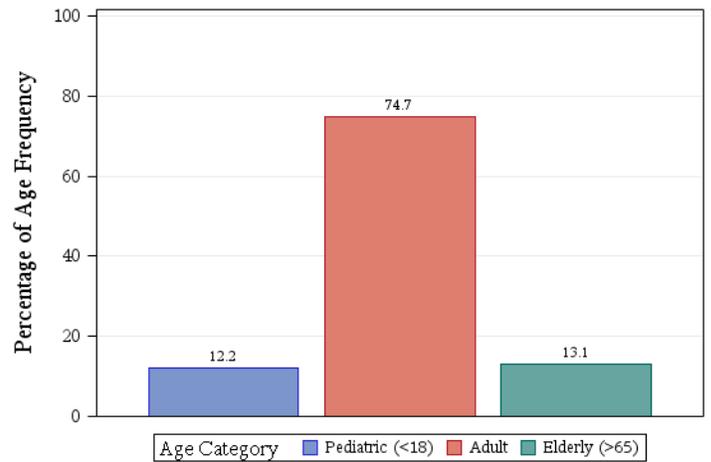
**Pedestrian
2012-2013(YTD)**



2012

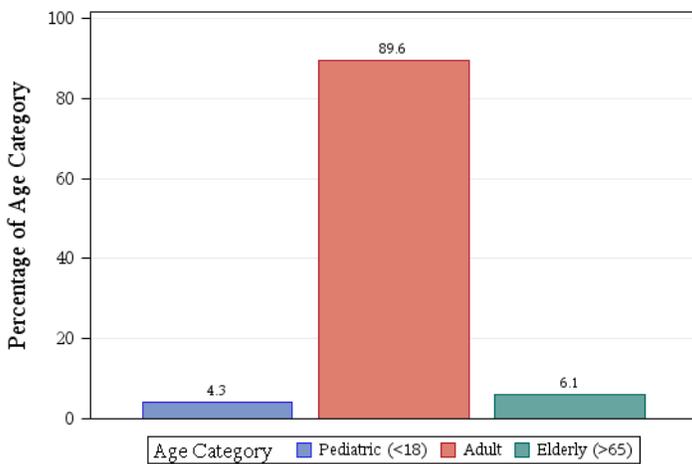


2013-YTD*

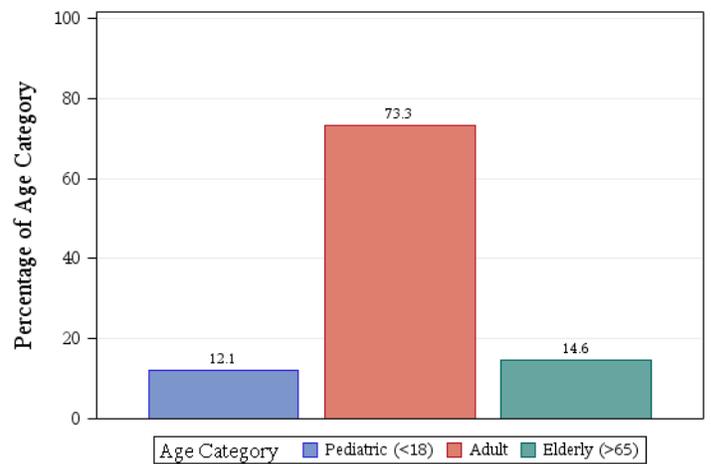


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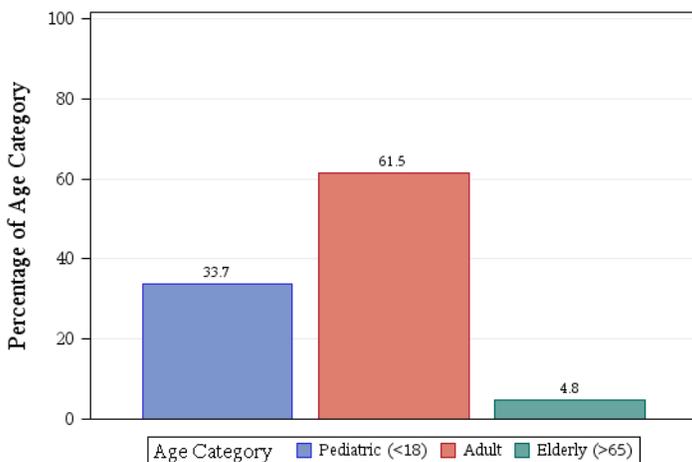
Motorcycle
2012-2013(YTD)



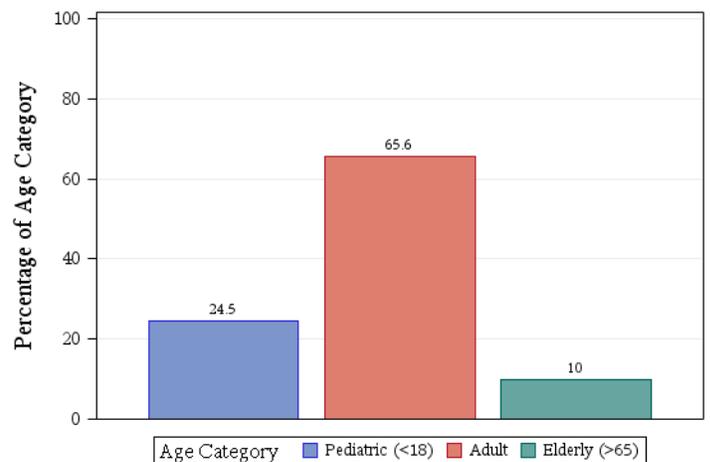
Automobile
2012-2013(YTD)



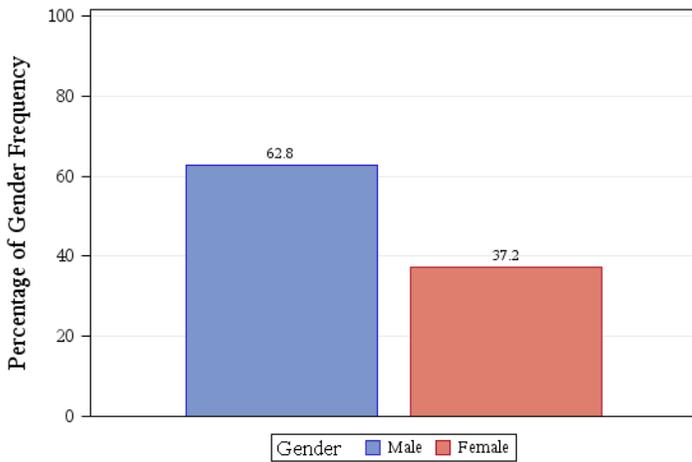
Bicyclist
2012-2013(YTD)



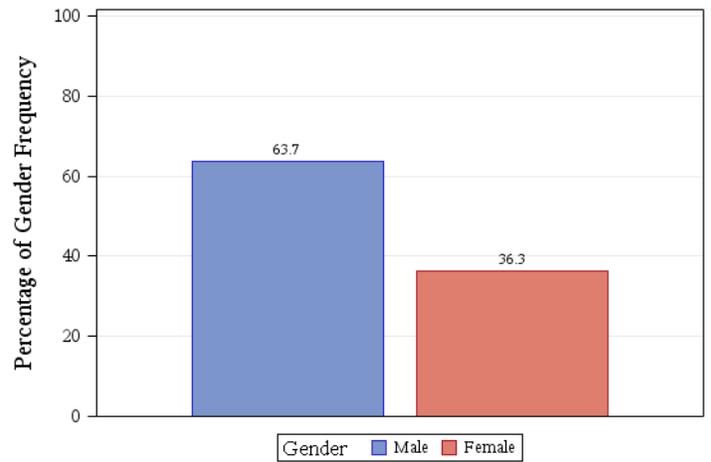
Pedestrian
2012-2013(YTD)



2012

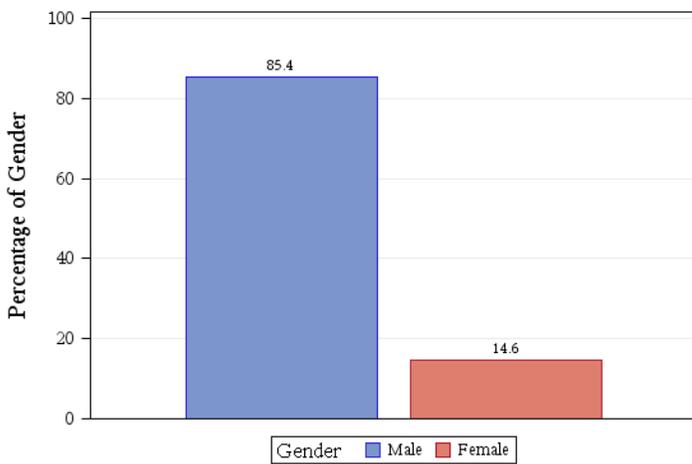


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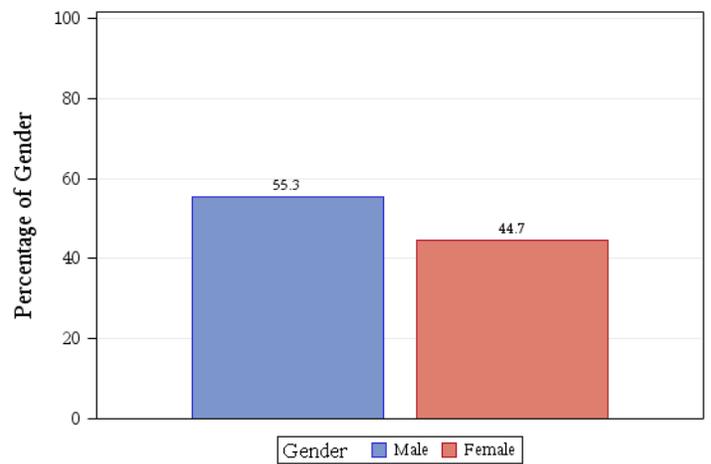


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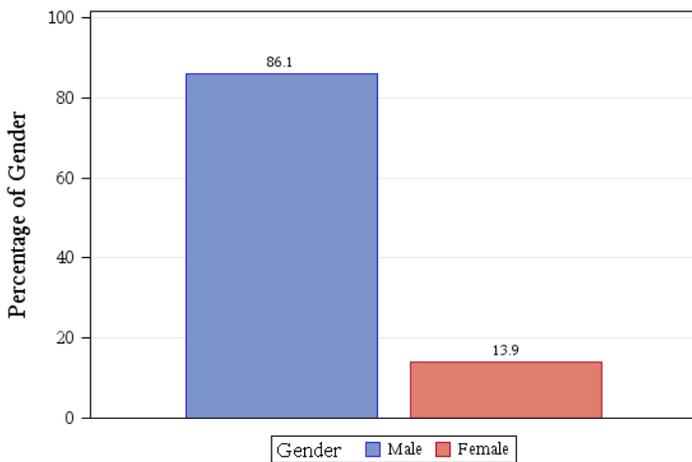
Motorcycle 2012-2013



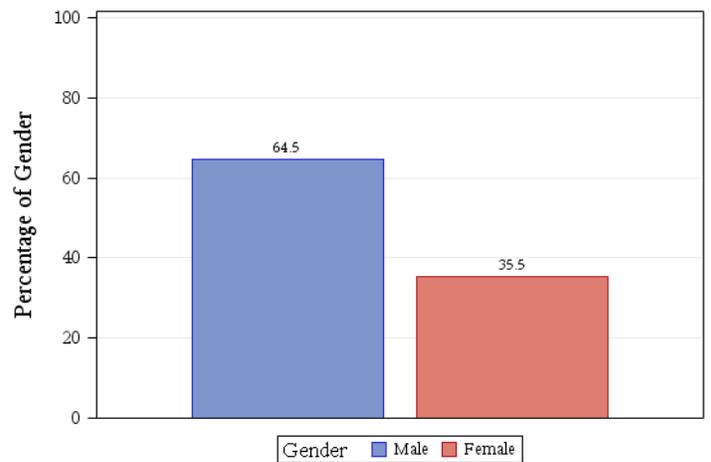
Automobile 2012-2013



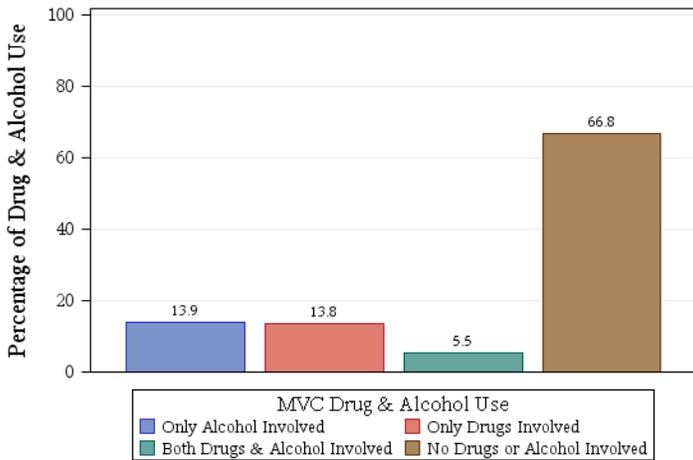
Bicyclist 2012-2013



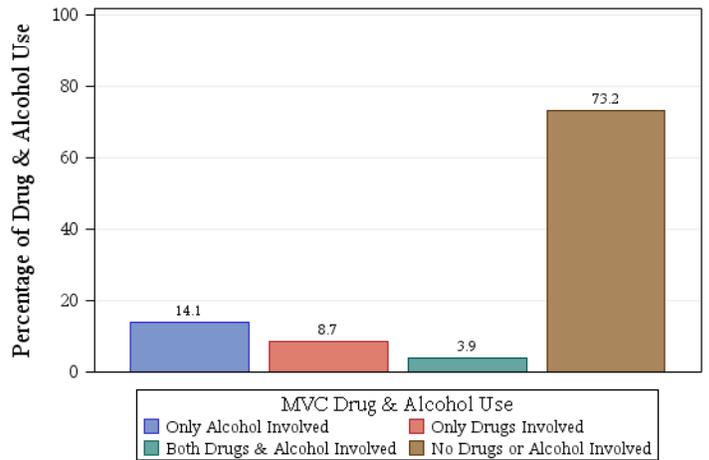
Pedestrian 2012-2013



2012

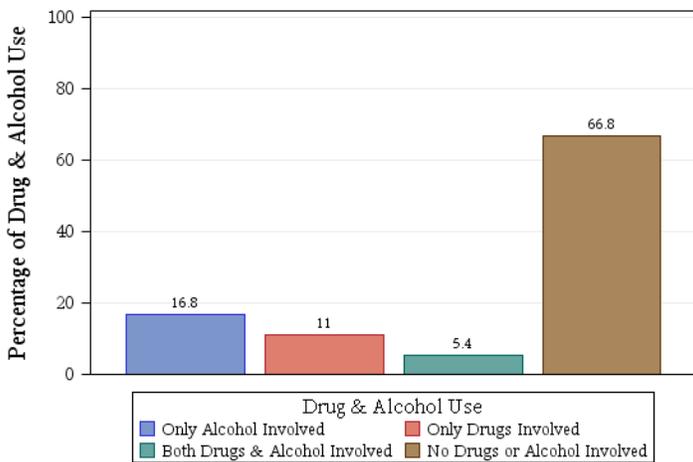


2013-YTD*

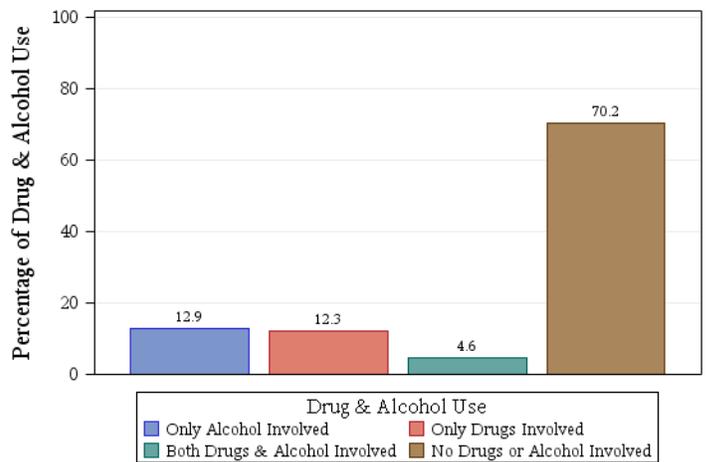


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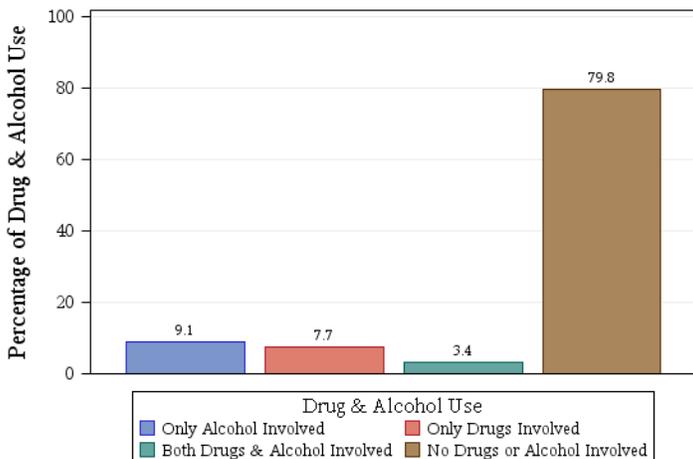
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2012-2013 (YTD)



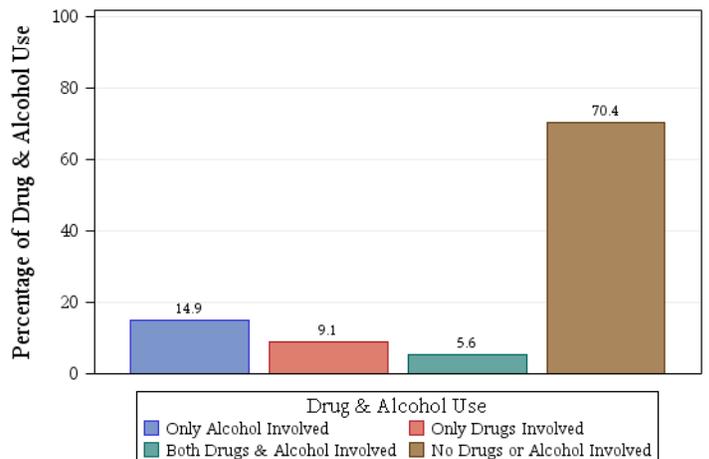
Automobile
2012-2013 (YTD)



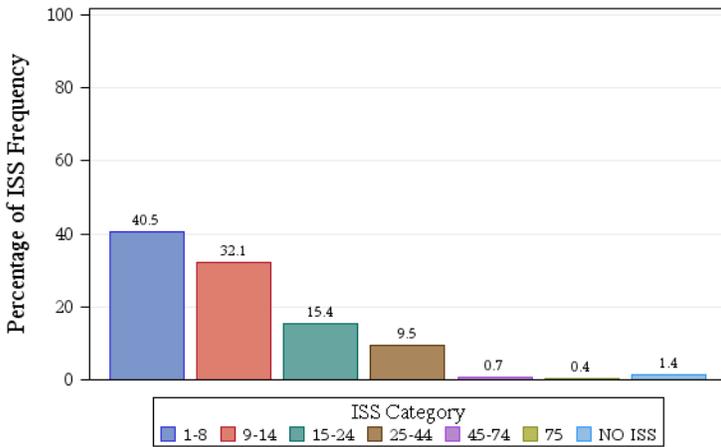
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2012-2013 (YTD)



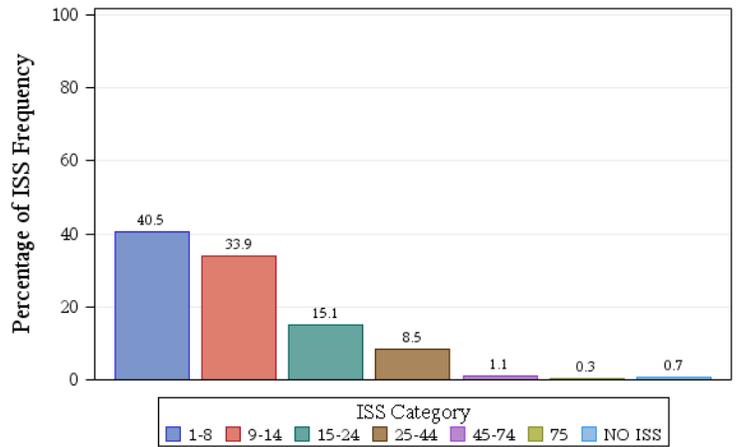
Pedestrian
2012-2013 (YTD)



2012

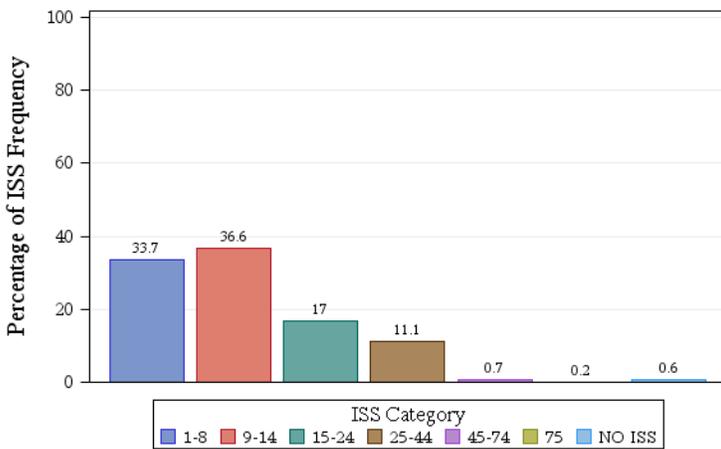


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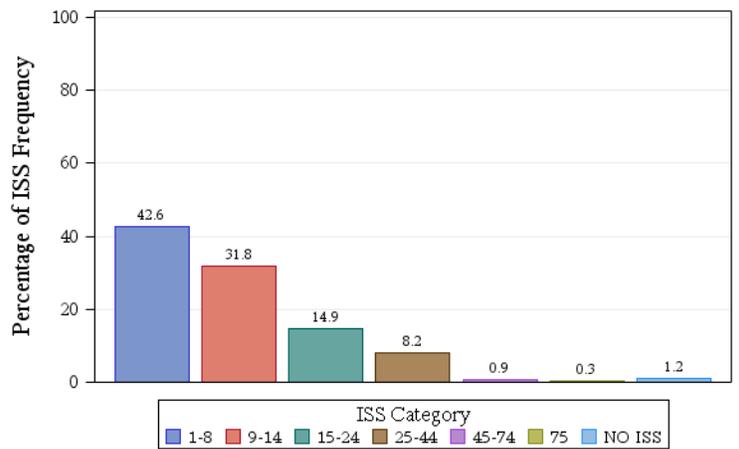


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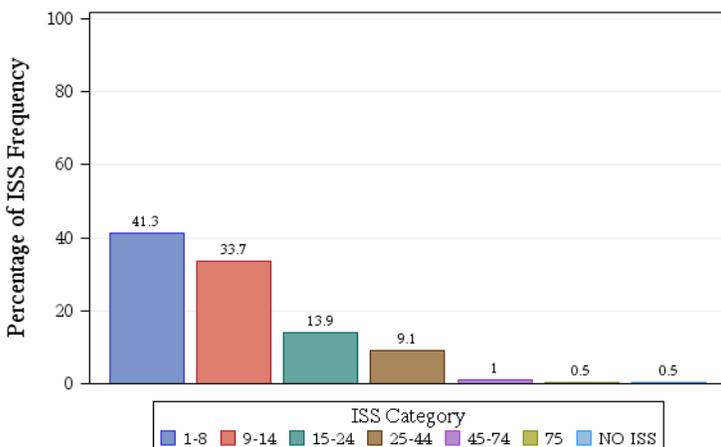
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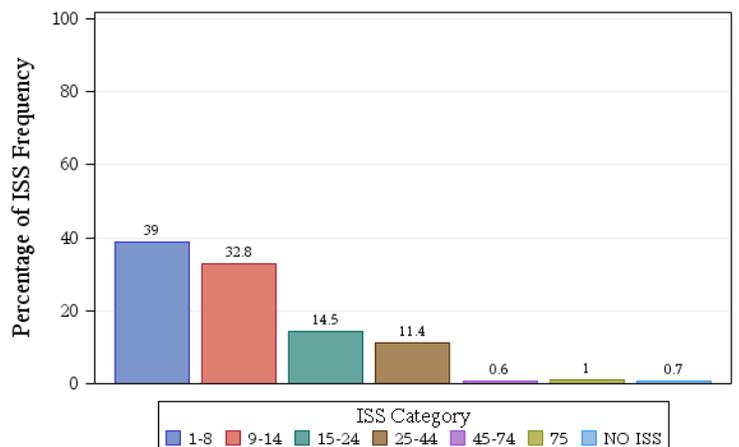
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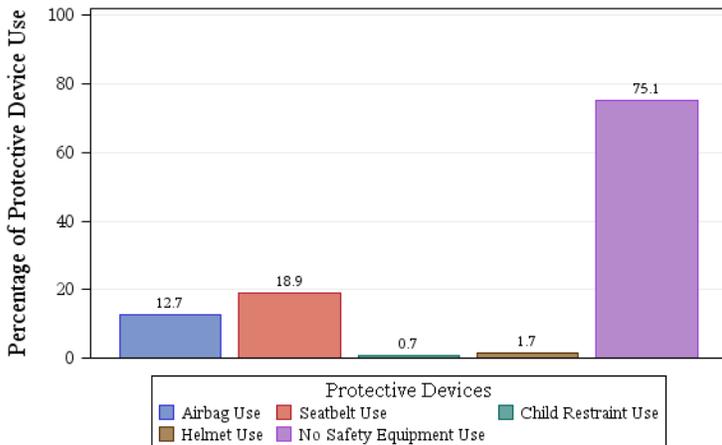
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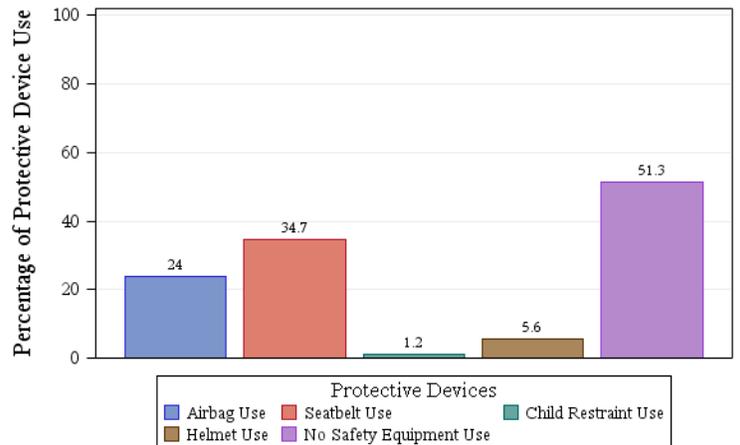
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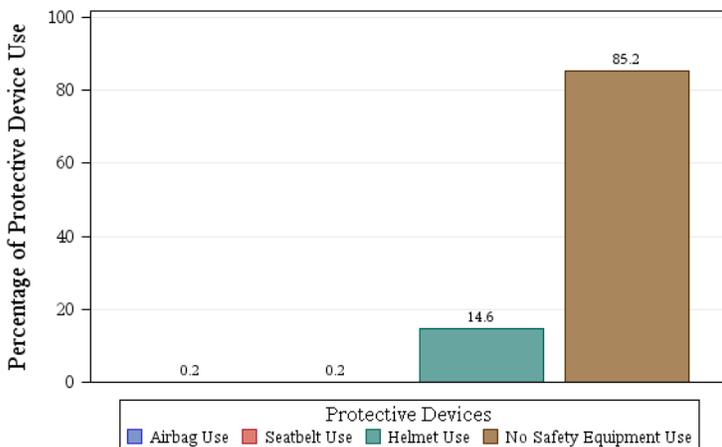


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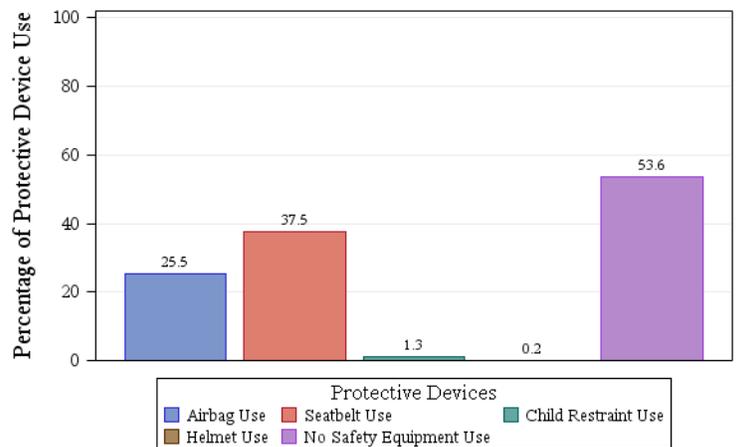


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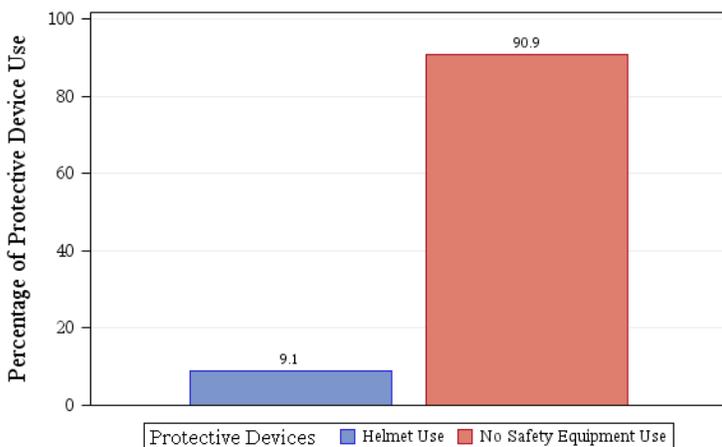
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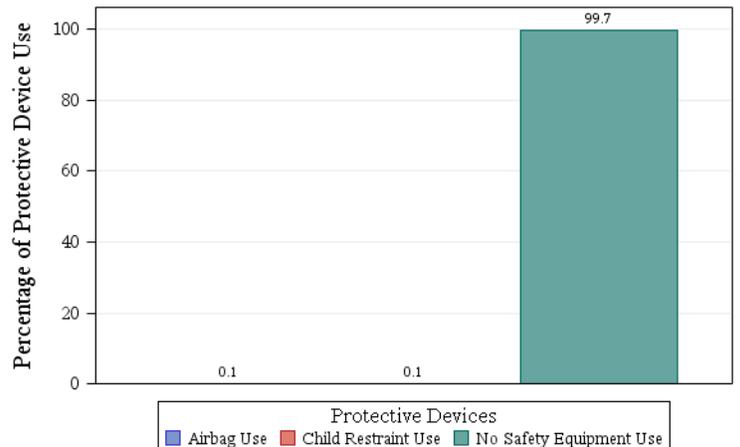
Automobile
2012-2013(YTD)



Bicyclist
2012-2013(YTD)



Pedestrian
2012-2013(YTD)



Indiana Trauma Registry January 2013 to December 2013 MVC involving Drugs or Alcohol By Public Health Preparedness Districts

