

The Division of Trauma and Injury Prevention at Indiana State Department of Health had a busy September.

On September 11, ISDH Executive Committee approved the trauma registry final rule. The rule requires all acute care and rehabilitation hospitals and all EMS providers to collect and report trauma data.

On September 12, Trauma Registry Manager Katie Gatz trained Union Hospital – Clinton on the trauma registry.

Division Director Brian Carnes, Assistant Commissioner Art Logsdon, and Katie Gatz traveled to Nashville, TN for the annual National Association of State EMS Officials (NASEMSO) Conference September 15-19. The annual meeting addresses current issues and trends in emergency medical services systems, which includes trauma systems. Funds from the preventative health block grant were used to cover travel expenses.

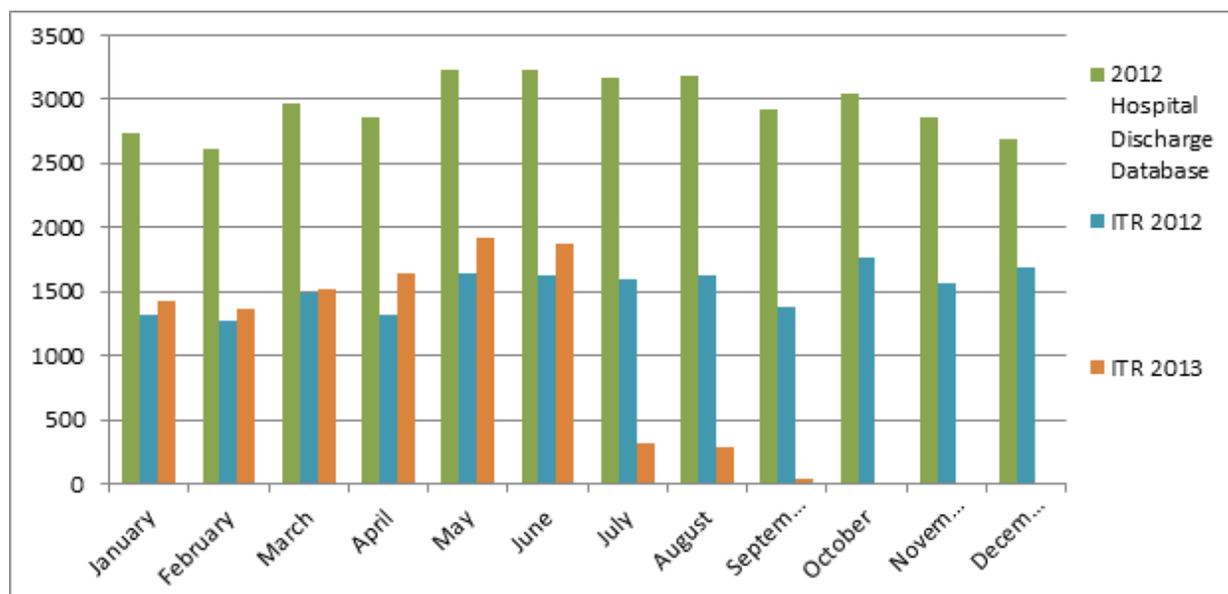
Jessica Skiba, the injury prevention epidemiologist, traveled to Ann Arbor, MI for a the Preventing Injury: From Research to Practice to People conference September 30-October 1. Funds from the preventative health block grant were used to cover travel expenses.

Indiana Office of Technology (IOT) billed the Division \$270.45 for the year's SSL certificate for the security of the trauma registry.

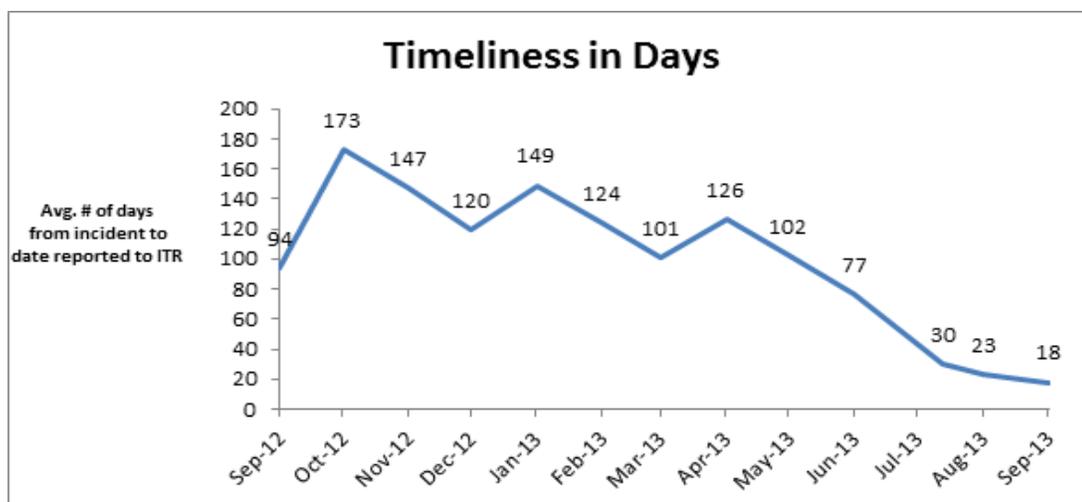
The Indiana Trauma Registry (ITR) monthly report is a dashboard style report for the Indiana Criminal Justice Institute (ICJI) and any other party concerned about trauma in Indiana. This report highlights the three data quality measures for the ICJI grant: completeness, timeliness, and uniformity. This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



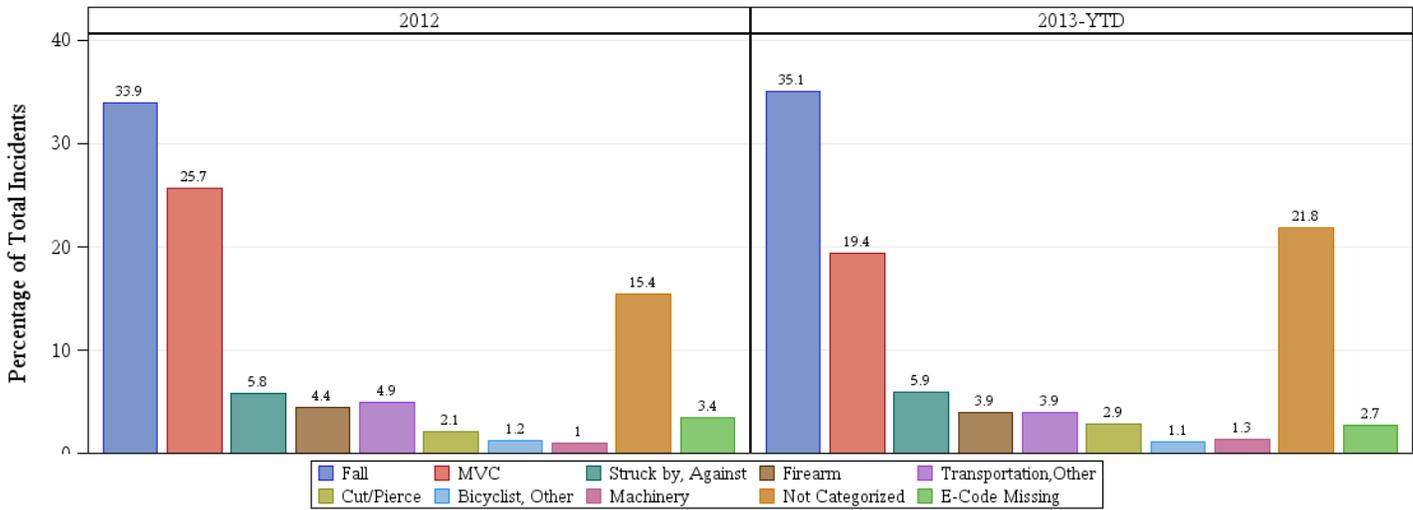
Timeliness increases as facilities wait until the data submission deadline to submit data to the ITR. Hospitals are asked to report data on the national trauma (TQIP) reporting schedule.

The decrease in timeliness from March 2013 until September 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

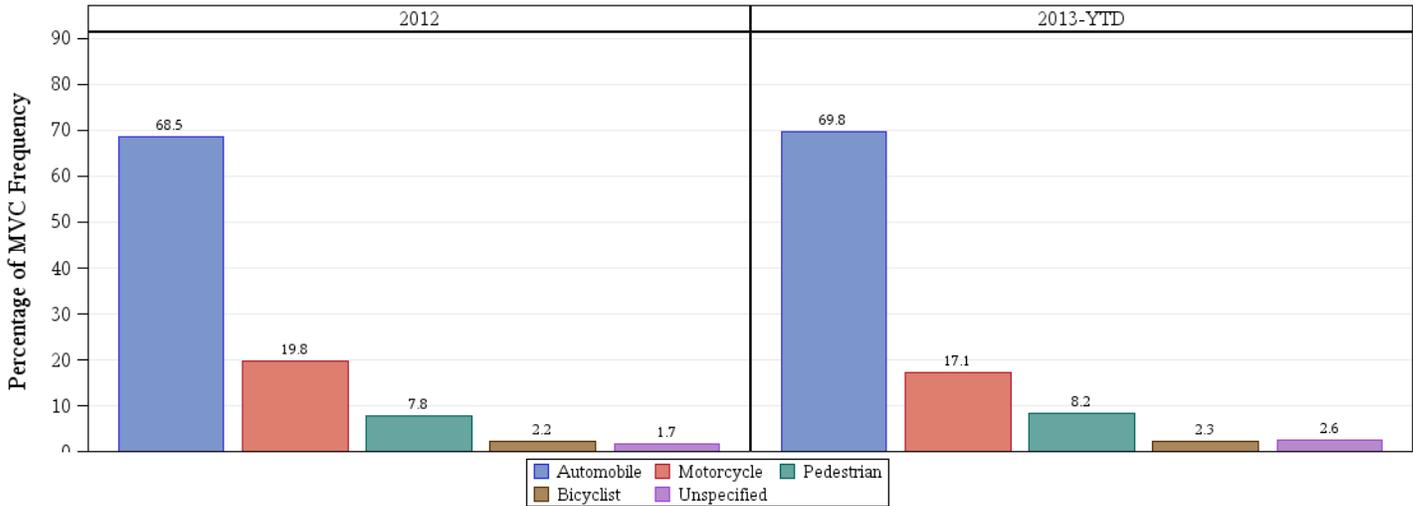
Actions to improve uniformity of data in the Indiana Trauma Registry:

- 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

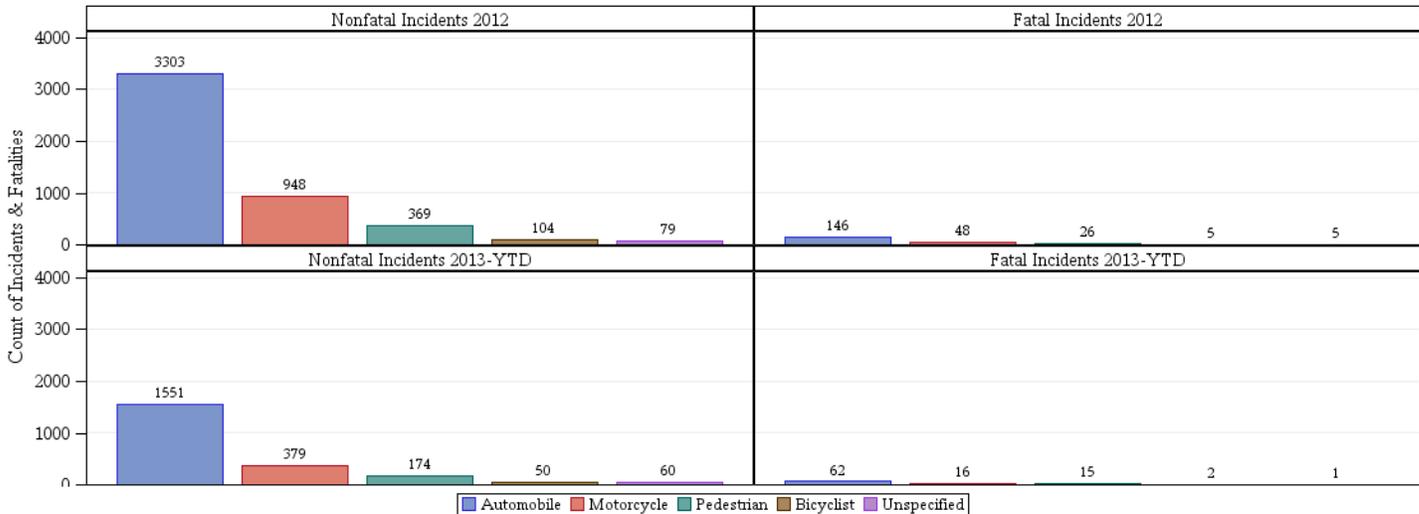


<1% of COI: Pedestrian (Other), Natural/Environmental, Overexertion, Fire/Burn, and Bites/Stings

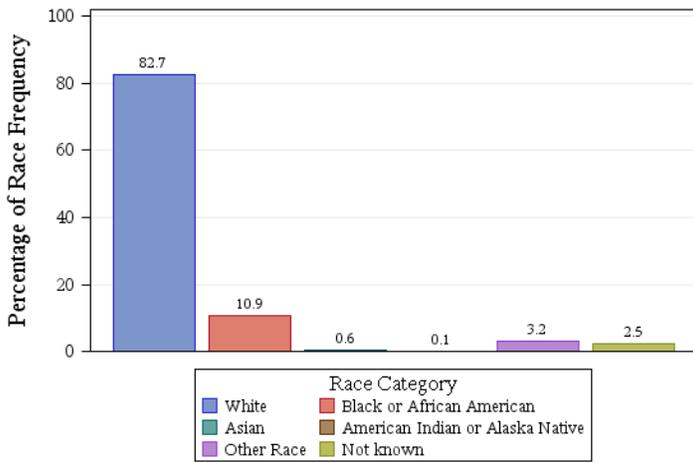
COI-Motor Vehicle Collision (MVC)



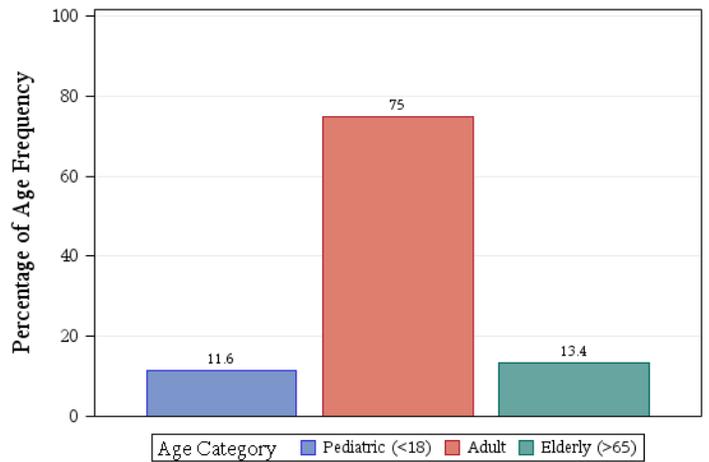
COI-MVC Nonfatal Incidents and Fatal Incidents



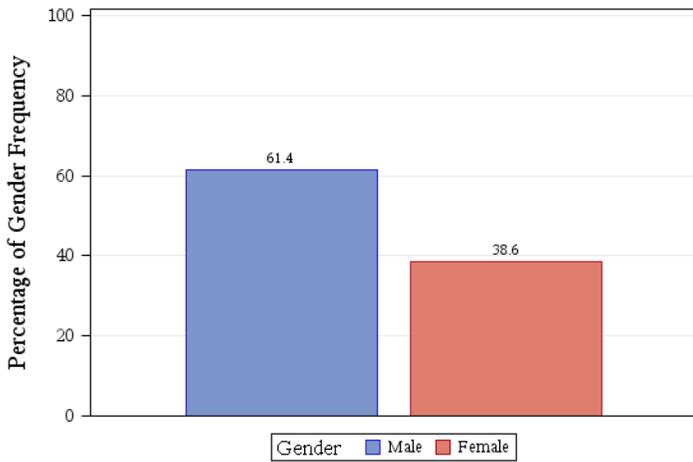
Race



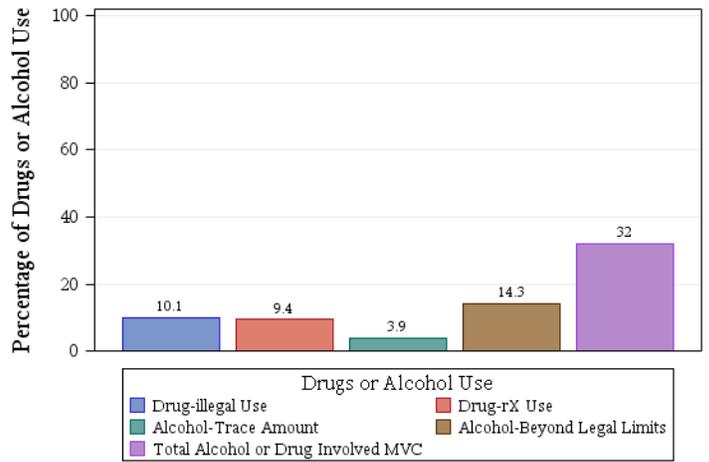
Age



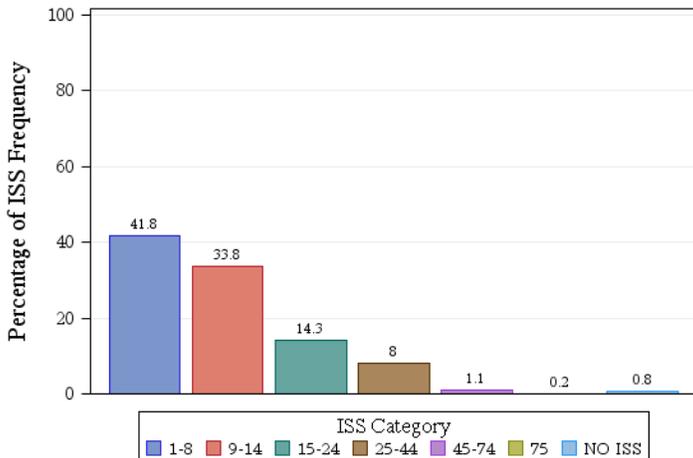
Gender



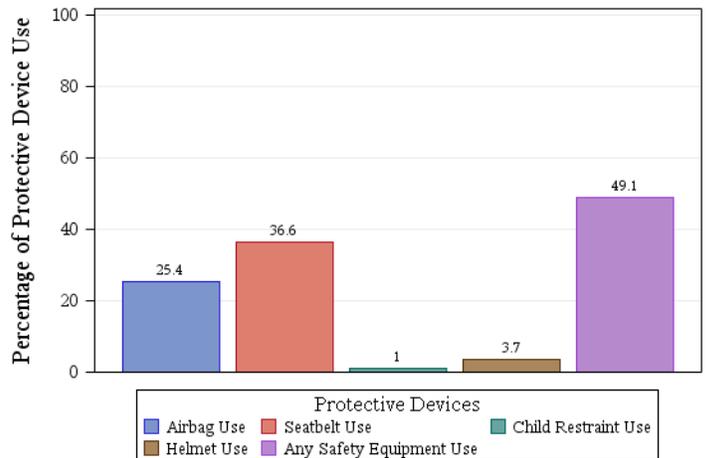
Drug & Alcohol Use



Injury Severity Score

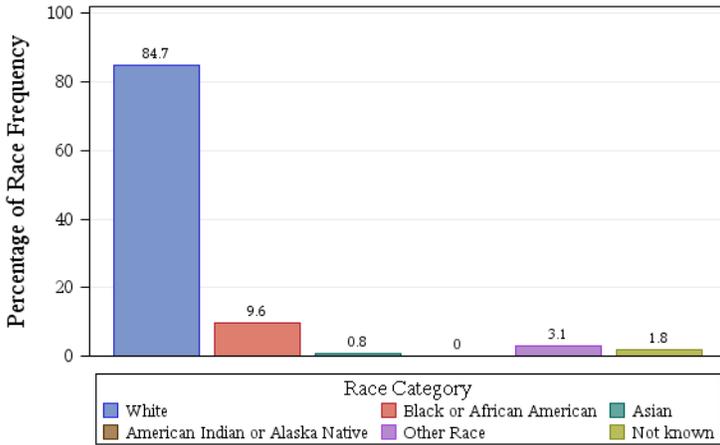


Protective Devices

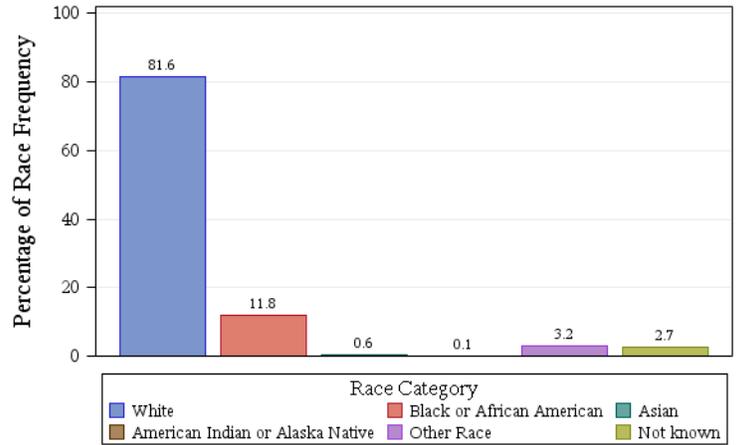


Injury Severity Score (ISS) is a measure of how bad the injury is. Scores over 15 are considered major trauma. A score of 75 is considered not survivable.

2012

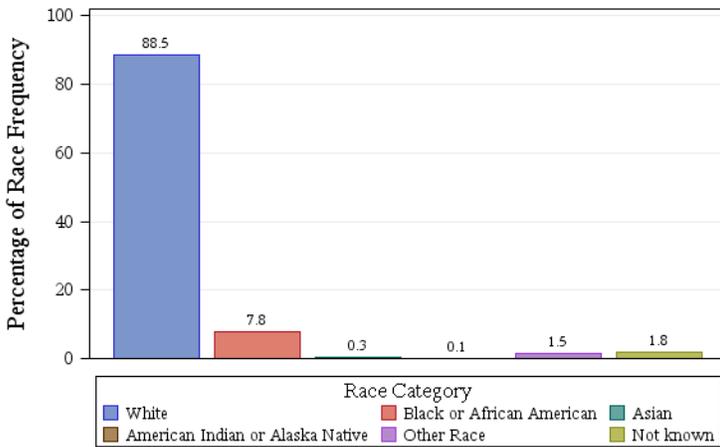


2013-YTD*

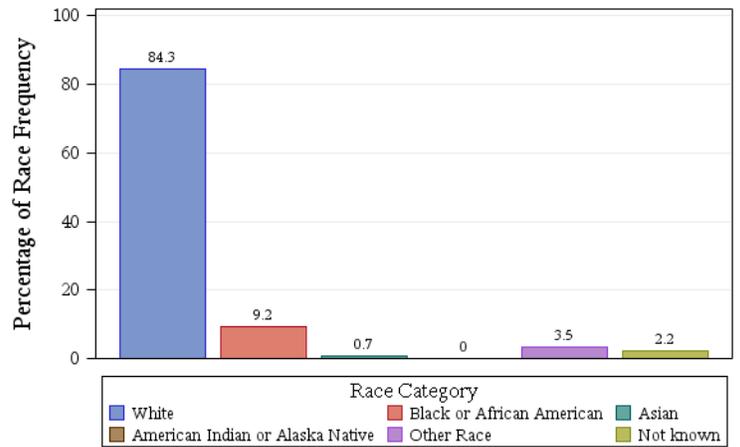


*May not constitute a representative view of 2013 trauma

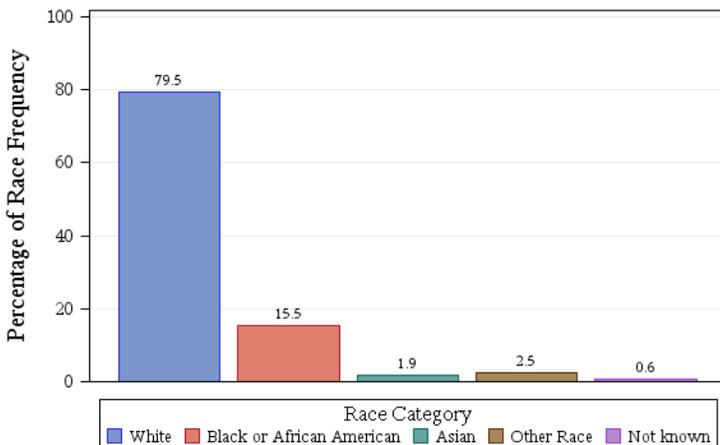
**Motorcycle
2012-2013(YTD)**



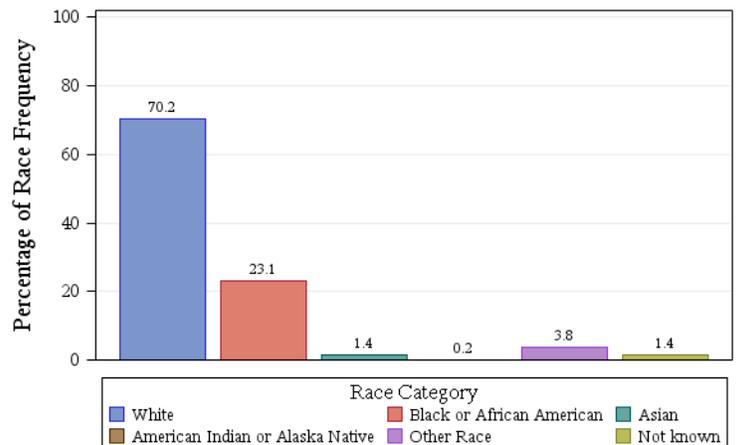
**Automobile
2012-2013(YTD)**



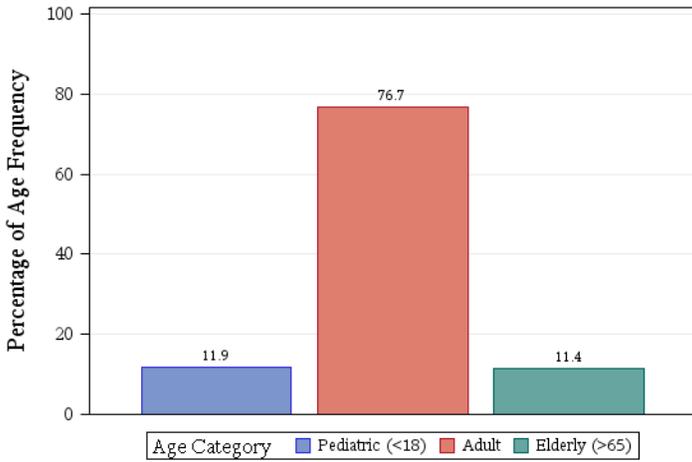
**Bicyclist
2012-2013(YTD)**



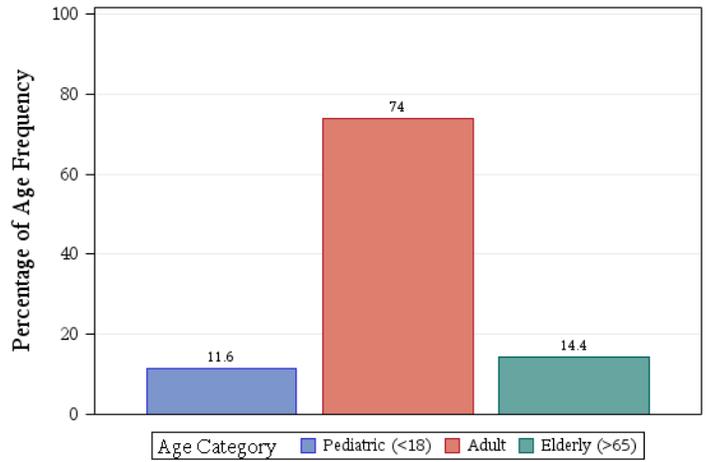
**Pedestrian
2012-2013(YTD)**



2012

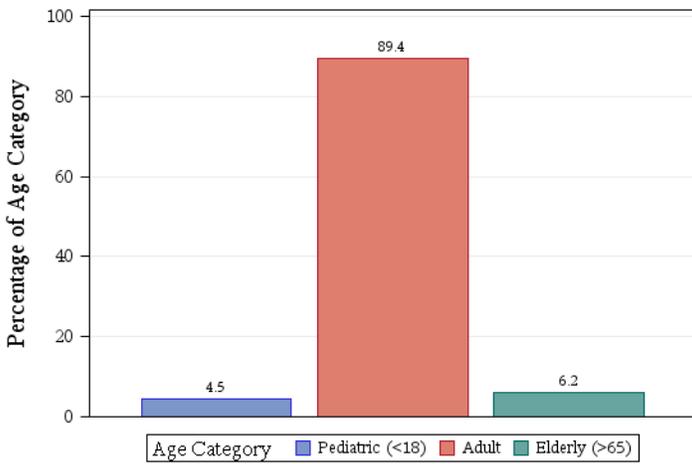


2013-YTD*

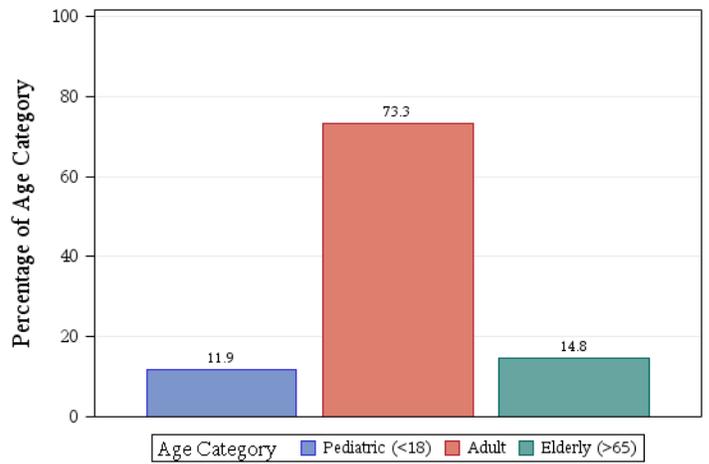


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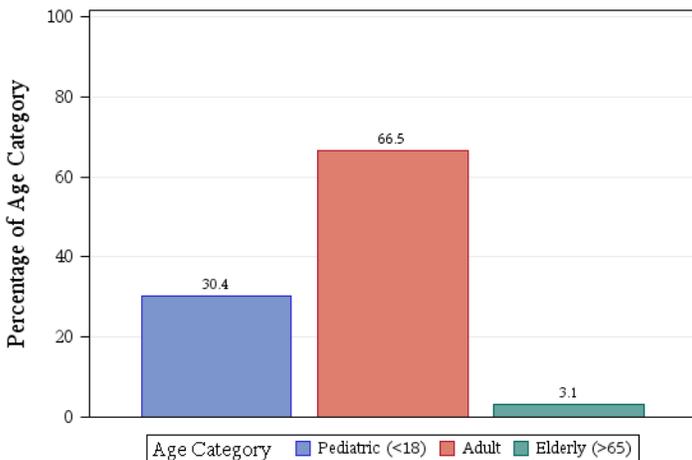
Motorcycle
2012-2013(YTD)



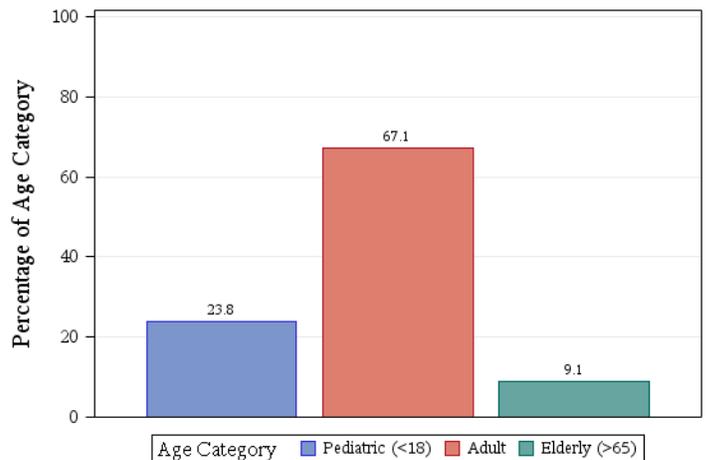
Automobile
2012-2013(YTD)



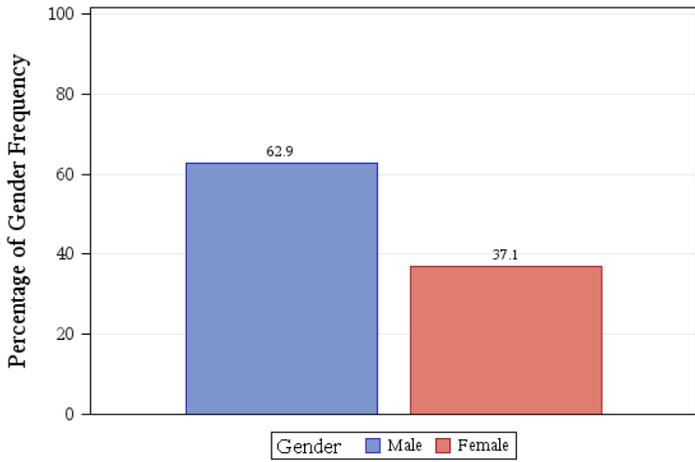
Bicyclist
2012-2013(YTD)



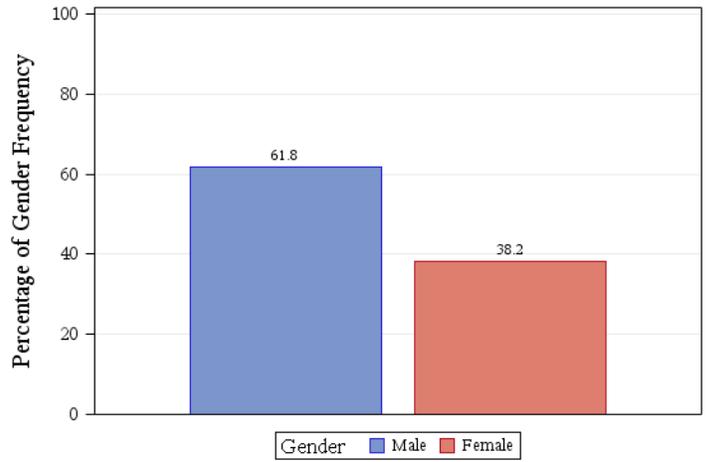
Pedestrian
2012-2013(YTD)



2012

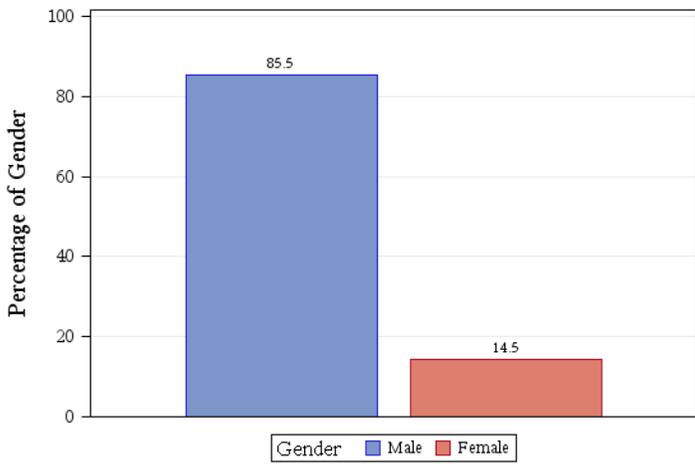


2013-YTD*

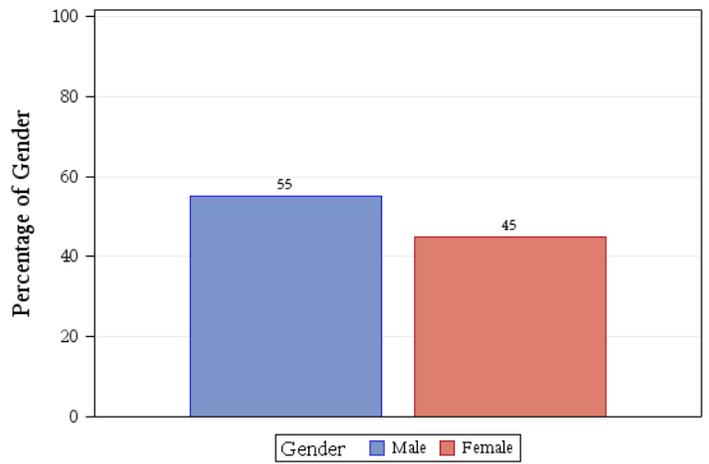


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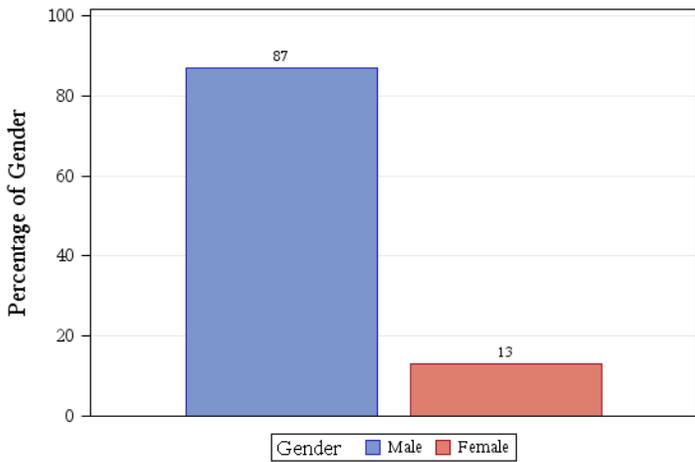
**Motorcycle
2012-2013**



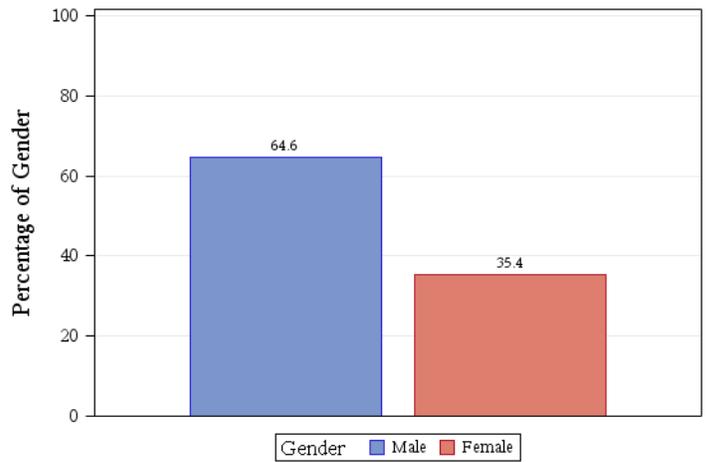
**Automobile
2012-2013**



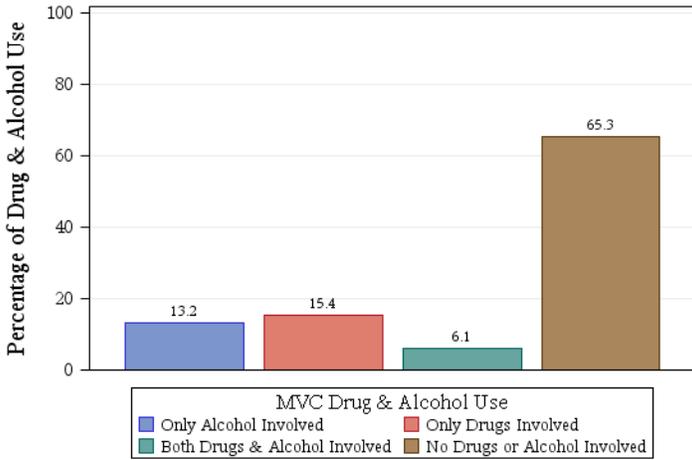
**Bicyclist
2012-2013**



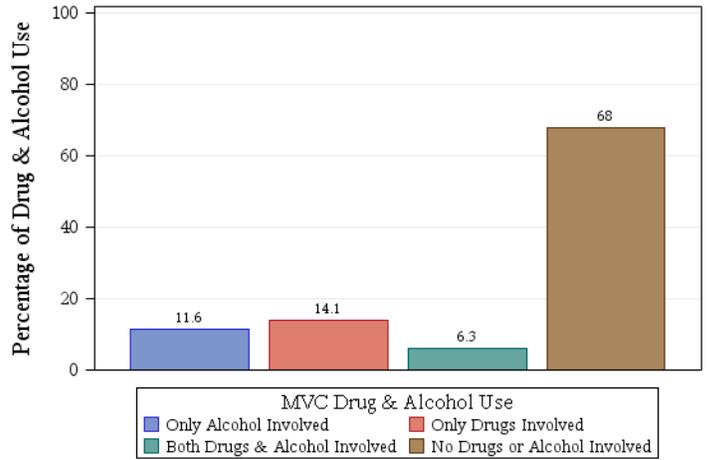
**Pedestrian
2012-2013**



2012

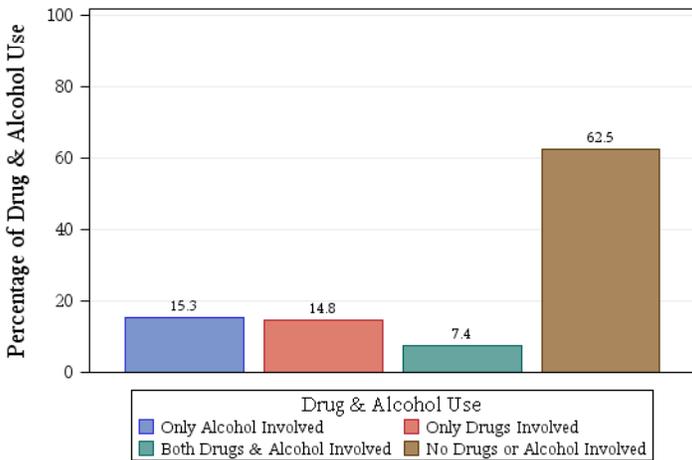


2013-YTD*

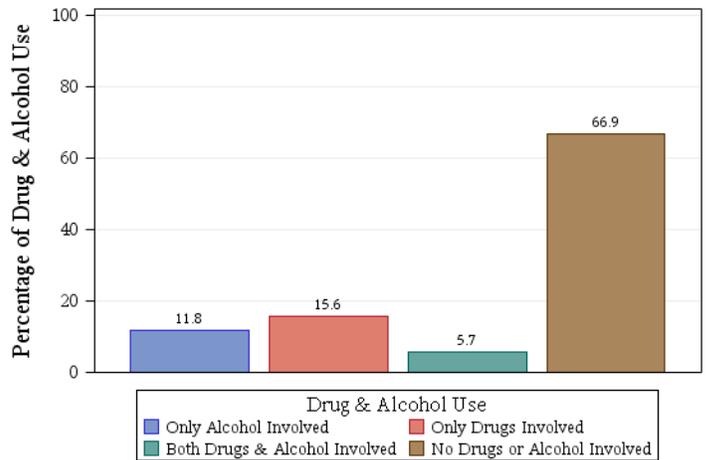


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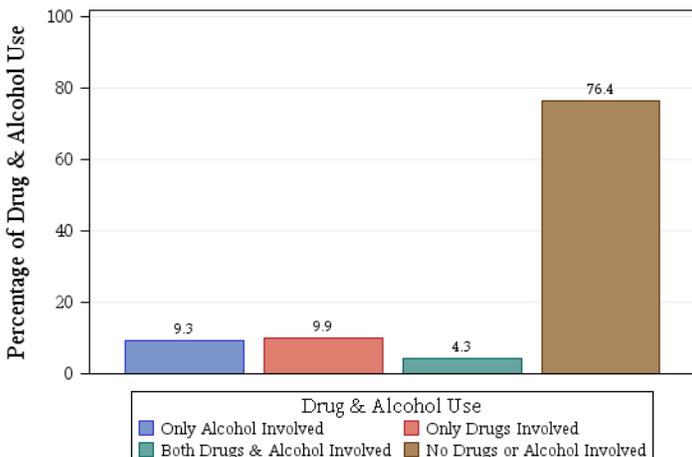
Motorcycle
2012-2013 (YTD)



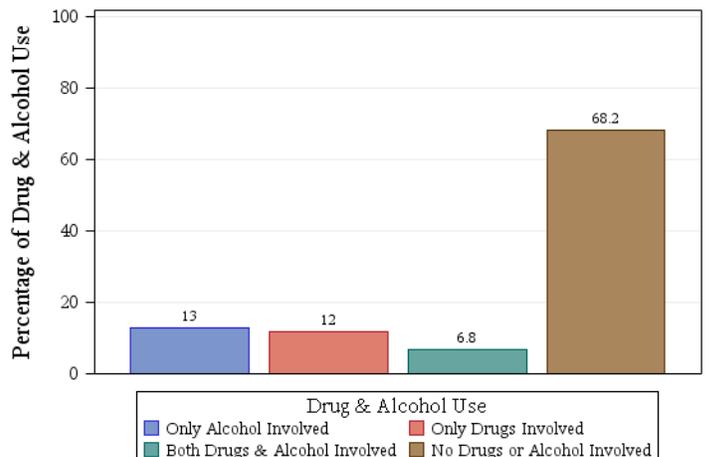
Automobile
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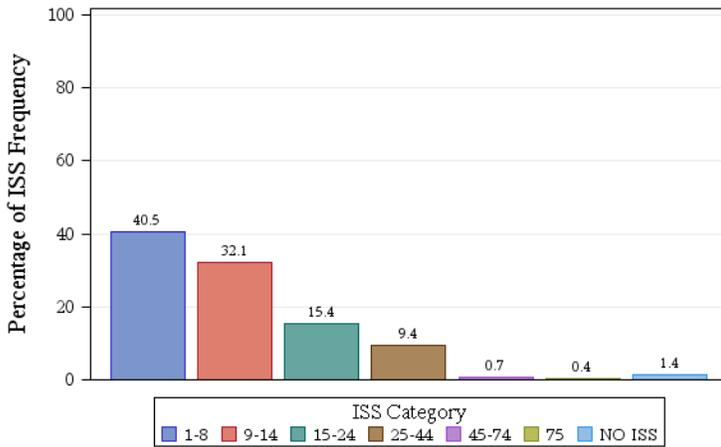
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2012-2013 (YTD)



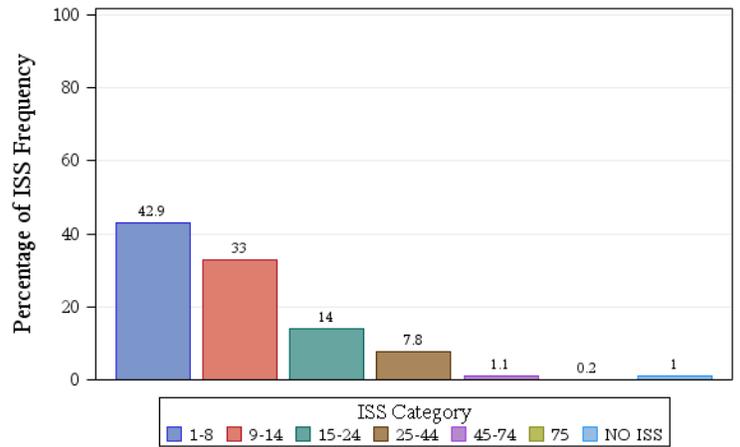
Pedestrian
2012-2013 (YTD)



2012

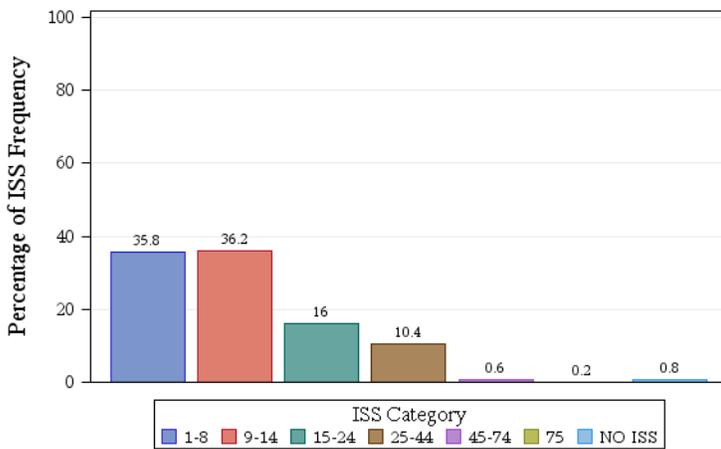


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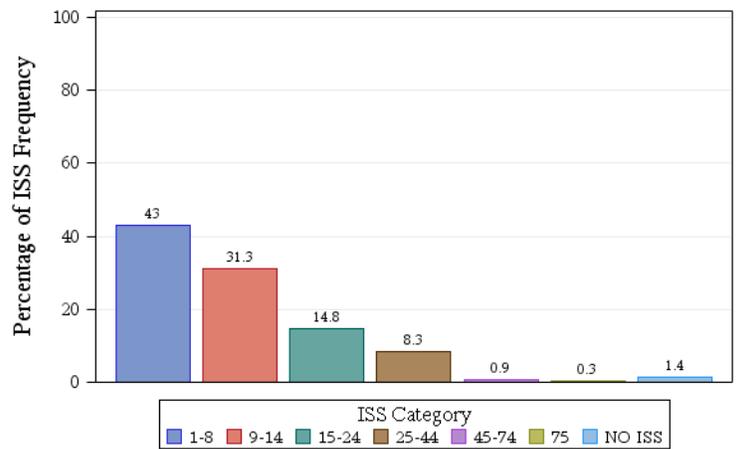


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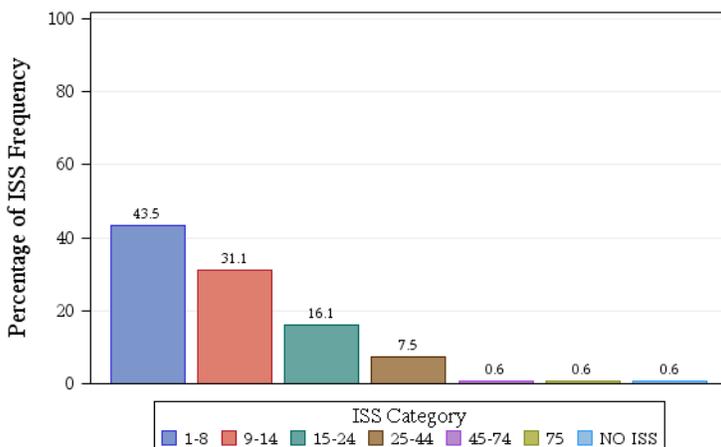
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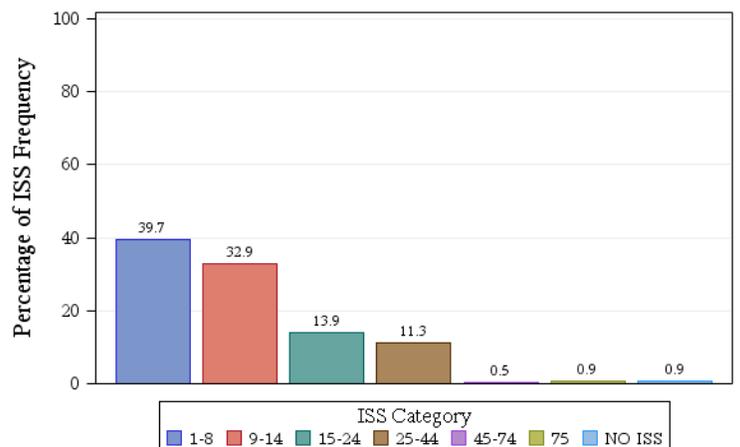
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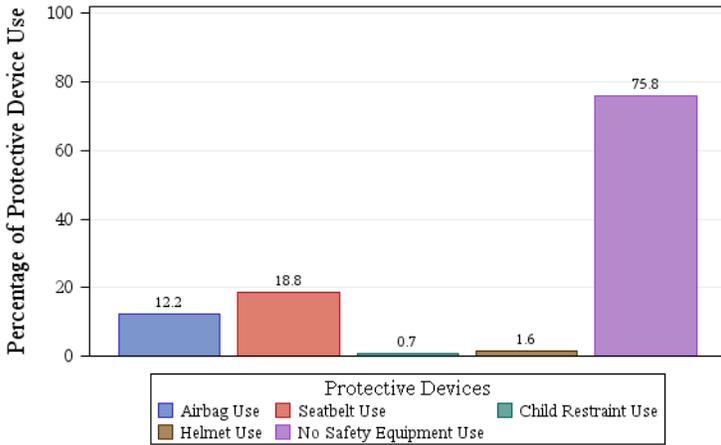
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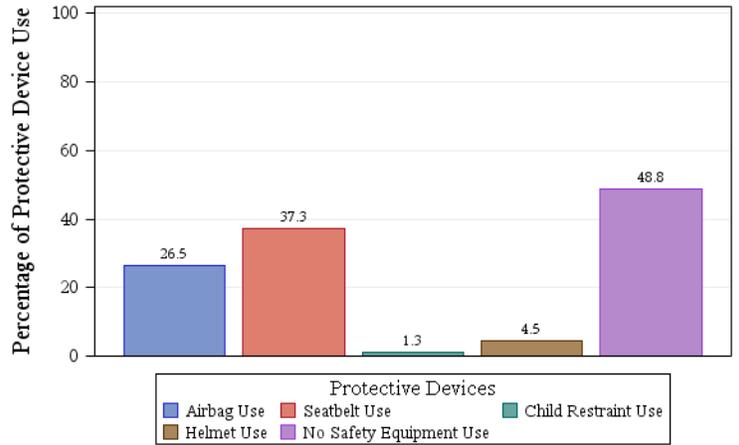
Pedestrian
2012-2013 (YTD)



2012

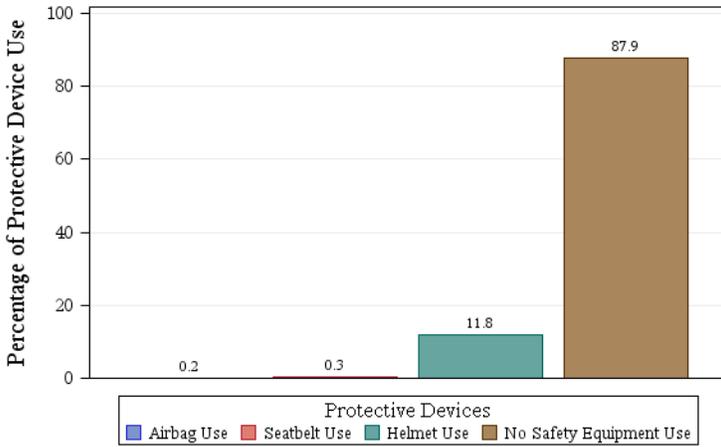


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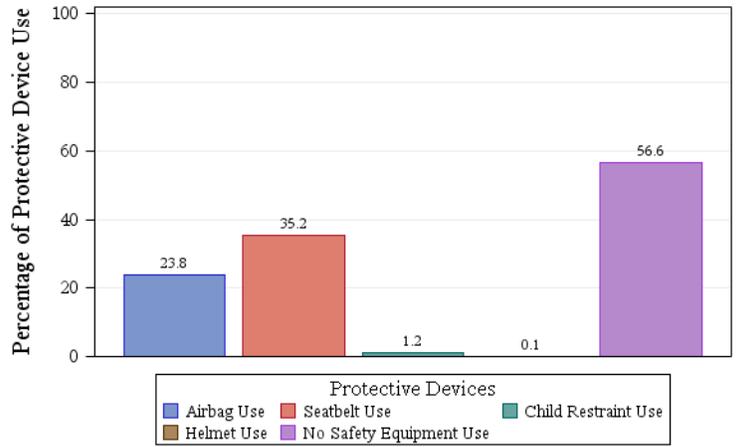


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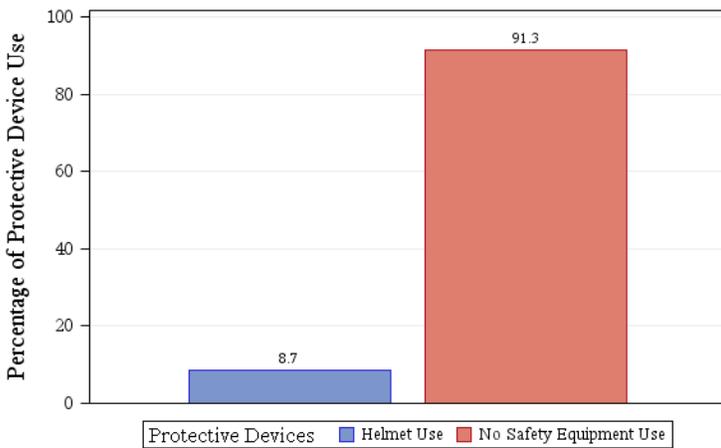
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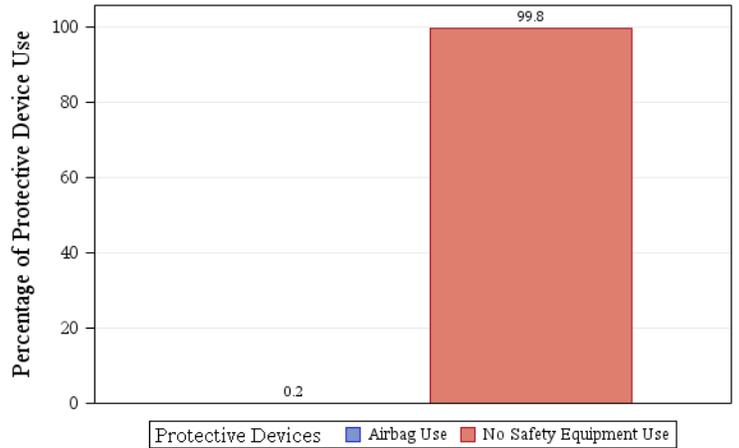
Automobile
2012-2013(YTD)



Bicyclist
2012-2013(YTD)



Pedestrian
2012-2013(YTD)



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

