

Katie Gatz, interim division director, and Jessica Skiba, injury prevention epidemiologist, attended and exhibited at the Indiana Joint National Public Health Week Conference at the Forum Conference Center in Fishers on April 8th. Jessica presented on Injuries in Indiana: Preventing Motor Vehicle Collisions.

On April 10, Katie Gatz traveled to Princeton for the District 10 Trauma Regional Advisory Council and presented Statewide Trauma Data, as well a data report created specifically for District 10.

On April 11, Katie attended the Indiana Rehab Task Force meeting on the Northside of Indianapolis to discuss the trauma registry rule and the requirement of rehab hospitals reporting their trauma data to the trauma registry. Katie and the accountants at ISDH assigned to the trauma registry account met with John Bodeker from ICJI for the annual site visit.

On April 18th, Katie Gatz, and Art Logsdon, Assistant Commissioner, Health and Human Services Commission, attended the IU Health – Trauma Topics Conference on the Southside of Indianapolis and displayed ISDH Division of Trauma and Injury Prevention materials and provided handouts to trauma stakeholders.

On April 23, Jessica and Katie attended a meeting at IU Health– Riley Hospital for children to discuss the collaborative research project regarding pediatric sports abdominal injuries.

On April 25th, Murray Lawry, EMS Registry Manager, and Art Logsdon attended the EMS Commission meeting in Evansville. Art presented pre-hospital data from the EMS Commission report to the Commission.

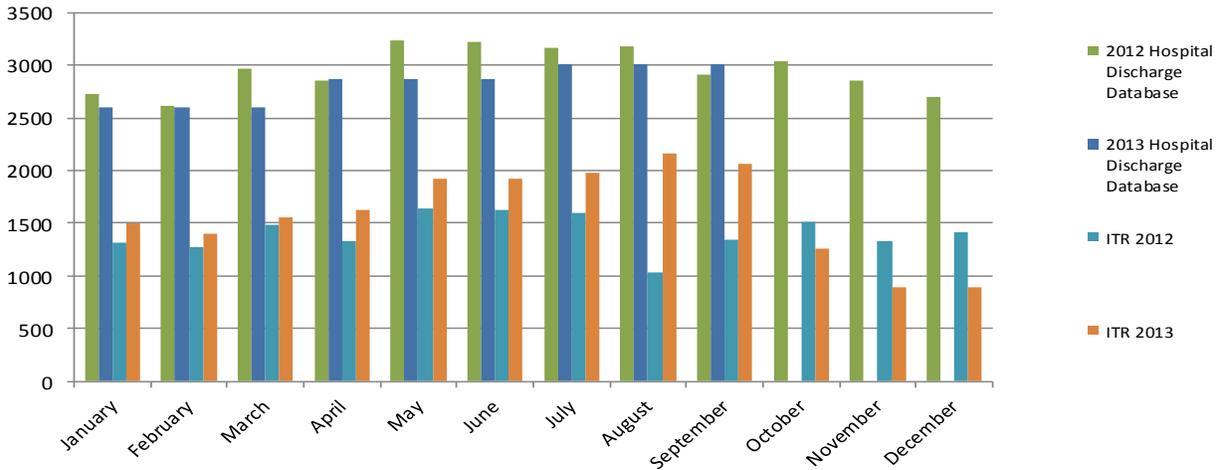
The 2013 data presented in this report will be complete on May 1, 2014.

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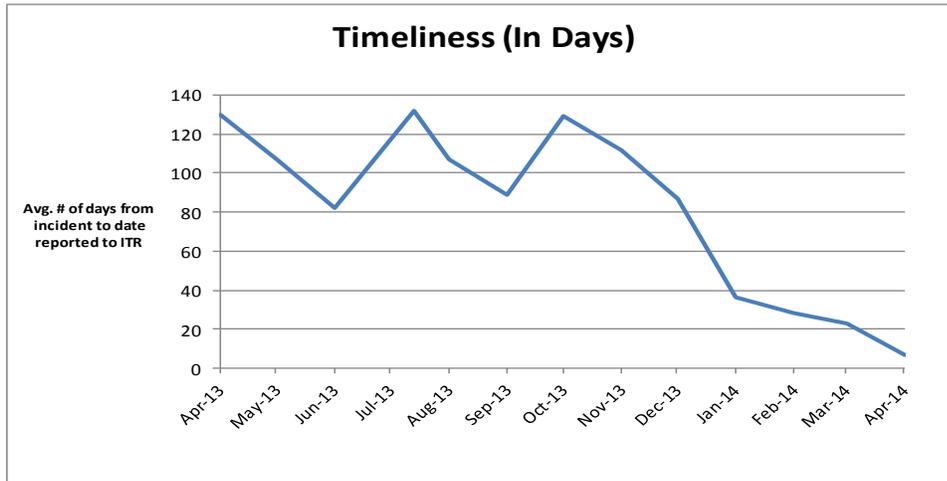
The Indiana Trauma Registry (ITR) monthly report is a dashboard style report for the Indiana Criminal Justice Institute (ICJI) and any other party concerned about trauma in Indiana. This report highlights the three data quality measures for the ICJI grant: completeness, timeliness, and uniformity. This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

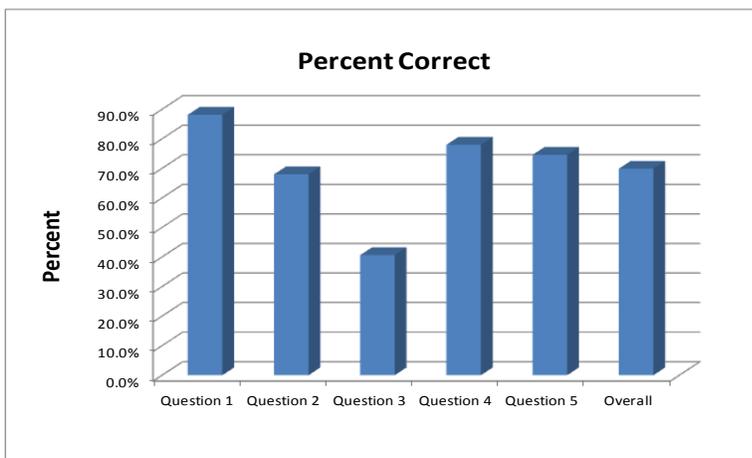


### Timeliness



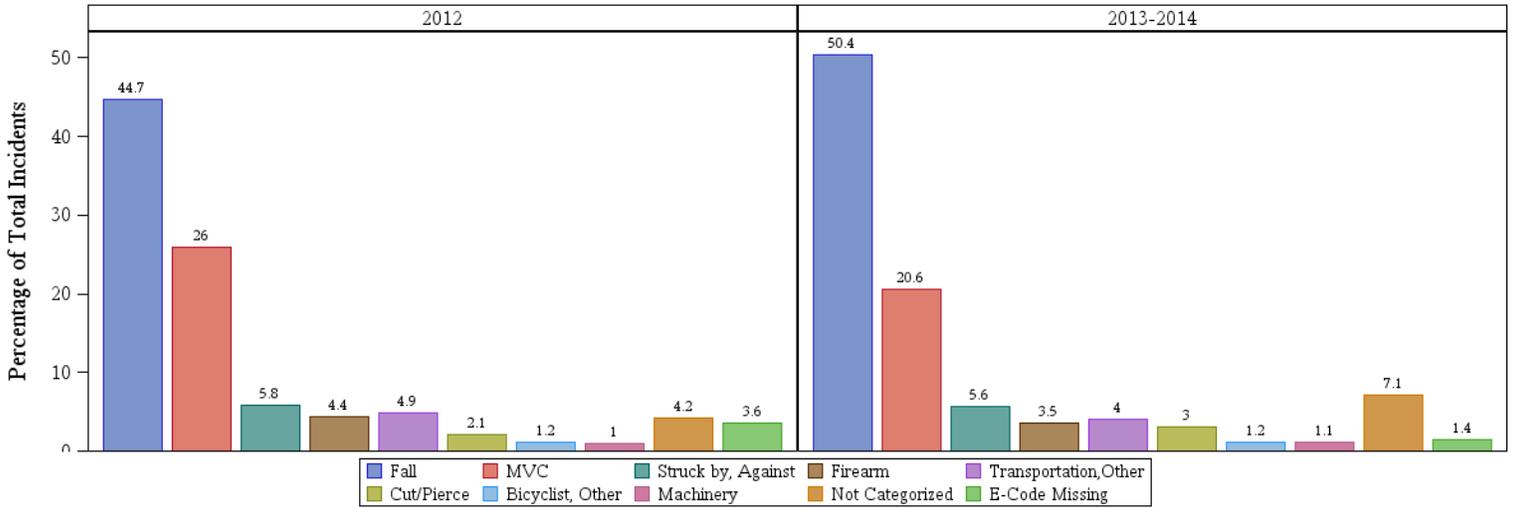
Timeliness increases as facilities wait until the data submission deadline to submit data to the ITR. Hospitals are asked to report data on the national trauma (TQIP) reporting schedule.

The decrease in timeliness from July 2013 until April 2014 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.

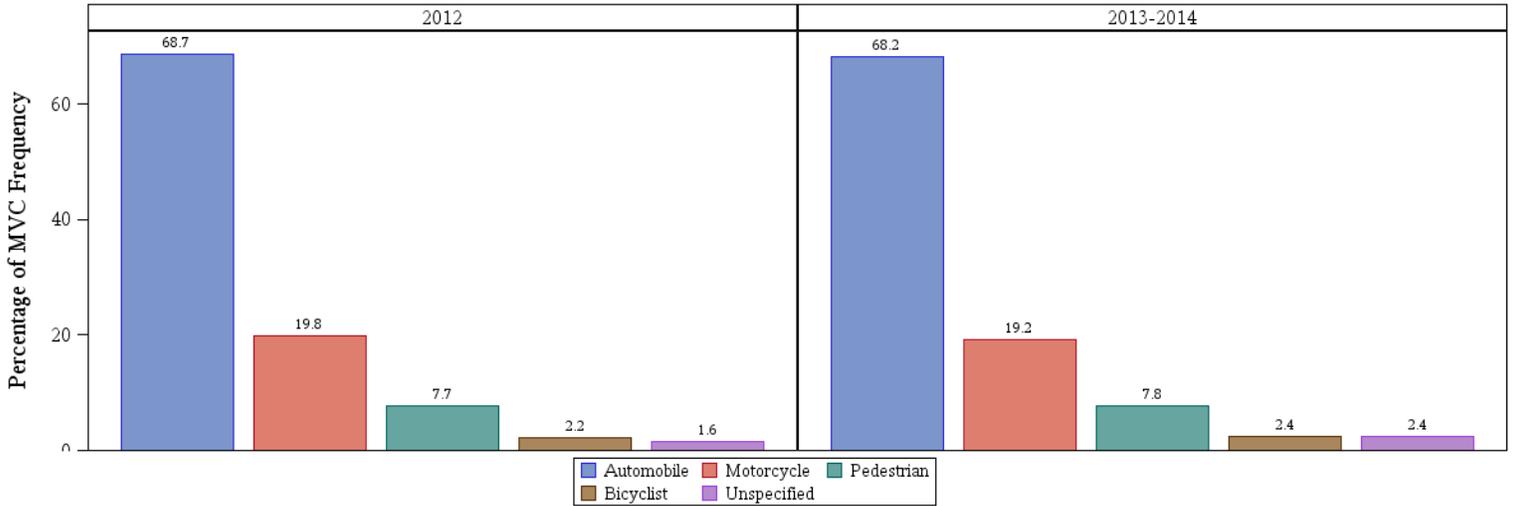


In April we sent out the third monthly quiz for the inter-rater reliability study. Fifty-nine registrars completed the quiz from 43 hospitals. The percent of correct answers was 69.9% for the entire quiz and the average free-marginal Kappa (measure of consistency) 0.292. We plan to collect data for four months and track trends in percent of correct answers by individuals and as a group over time as well as their consistency. Other activities to improve the uniformity of data includes investigating integration of trauma and EMS data by exploring options to link trauma and EMS data and working with EMS providers to submit valid Hospital Facility ID codes.

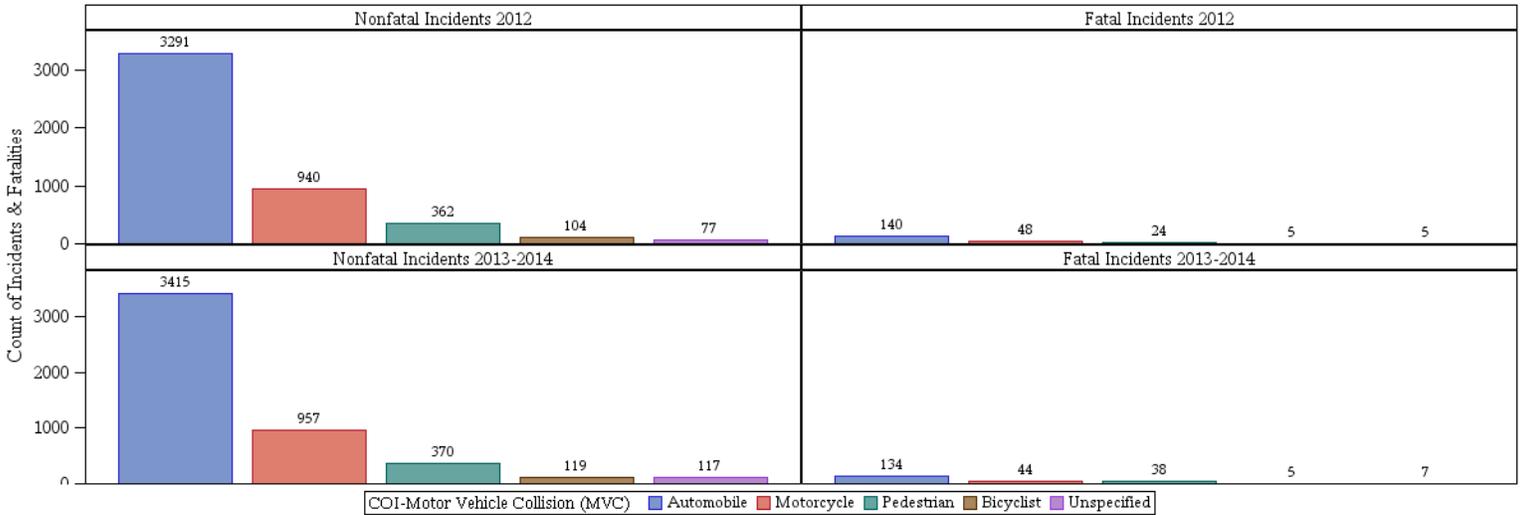
**January 2012 to April 2014      44503 Incidents**  
**Cause of Injury (COI)**



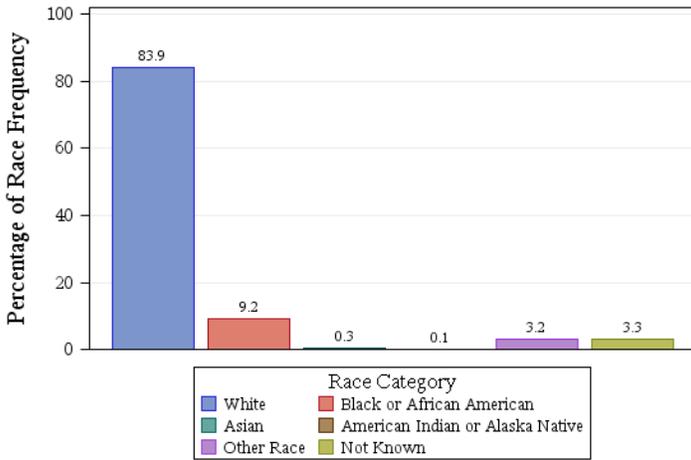
<1% of COI: Pedestrian (Other), Natural/Environmental, Overexertion, Fire/Burn, and Bites/Stings  
**COI-Motor Vehicle Collision (MVC)**



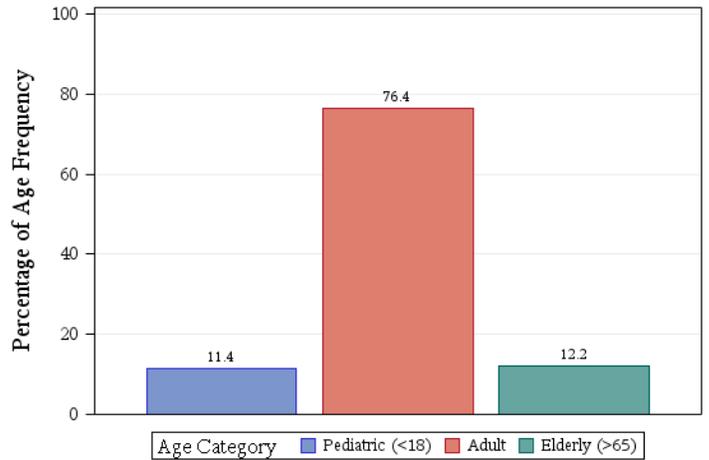
**COI-MVC Nonfatal Incidents and Fatal Incidents**



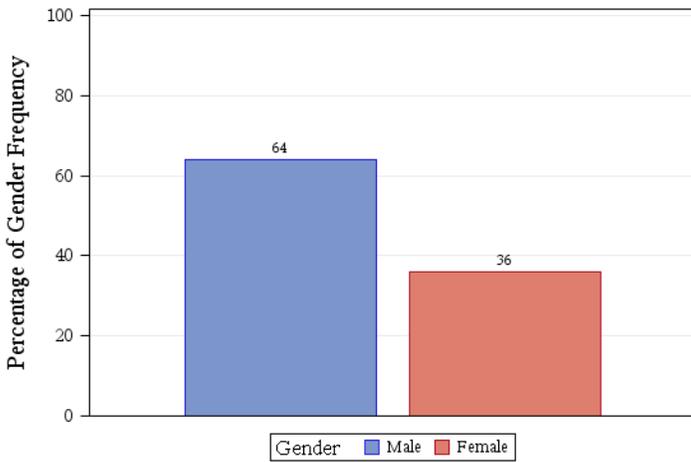
### Race



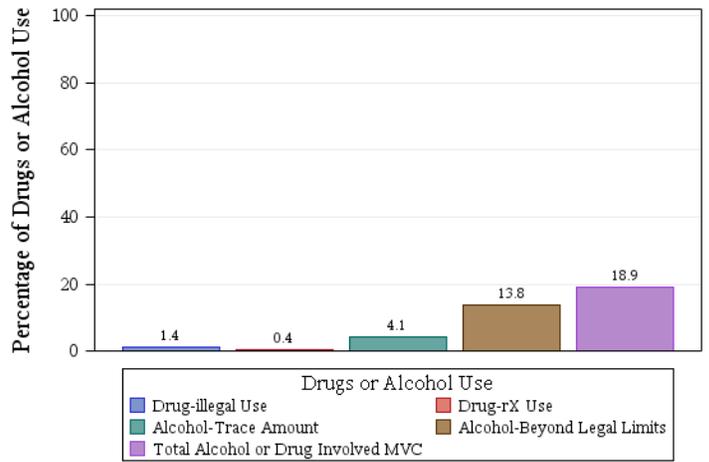
### Age



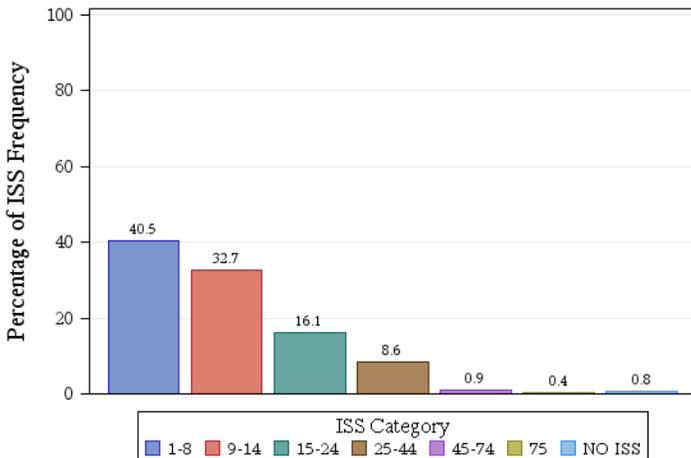
### Gender



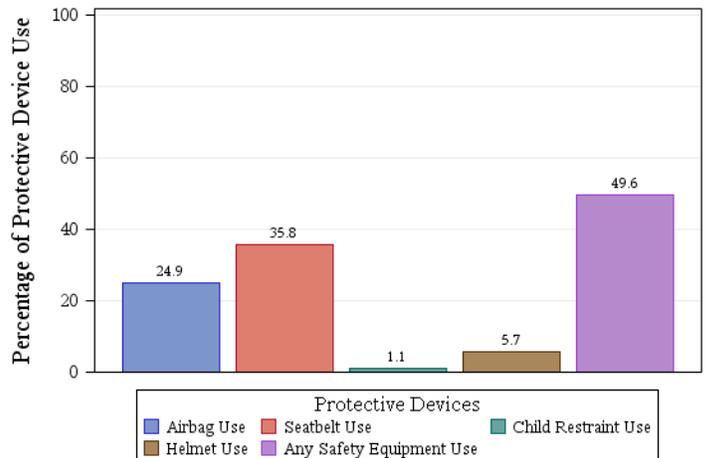
### Drug & Alcohol Use



### Injury Severity Score

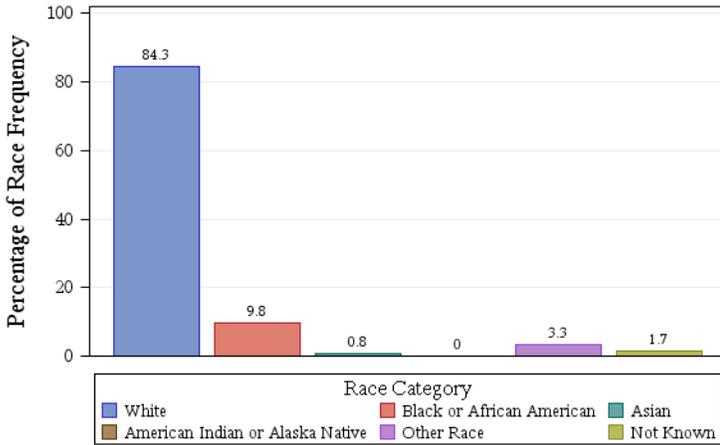


### Protective Devices

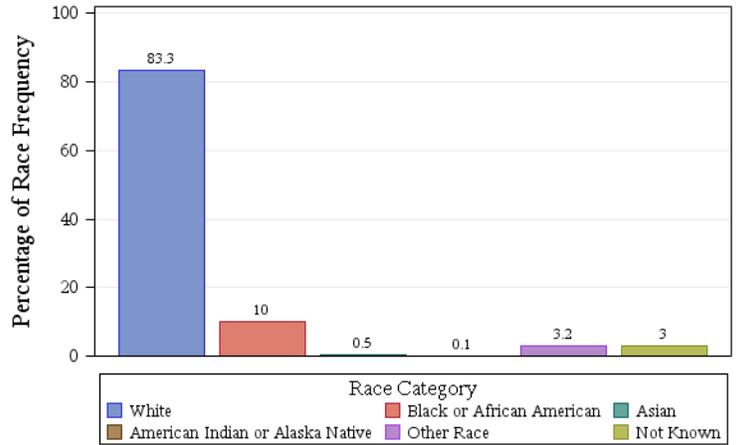


Injury Severity Score (ISS) is a measure of how bad the injury is. Scores over 15 are considered major trauma. A score of 75 is considered not survivable.

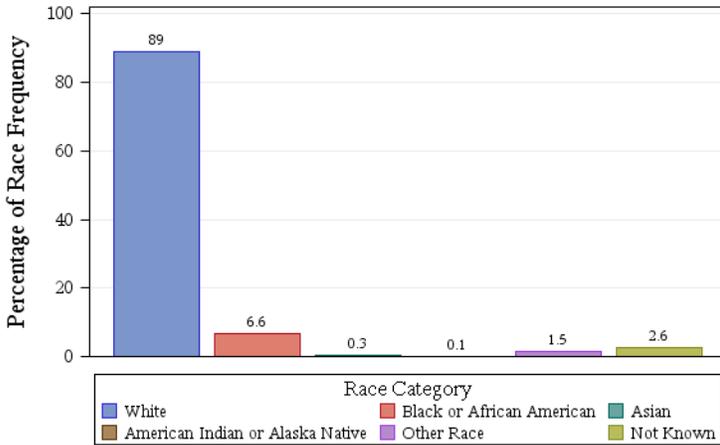
**2012**



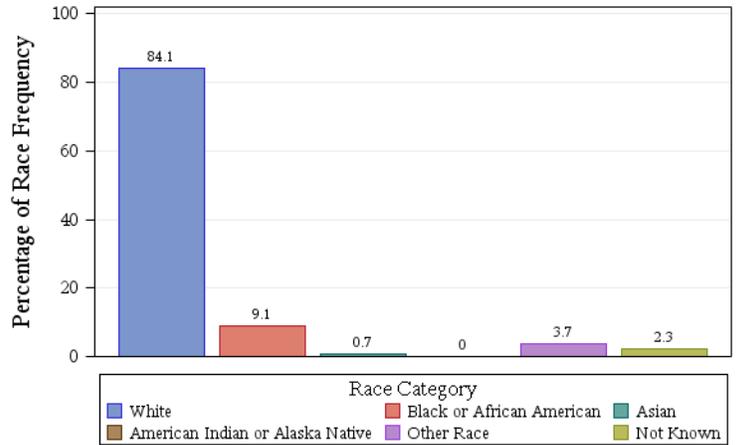
**2013-2014**



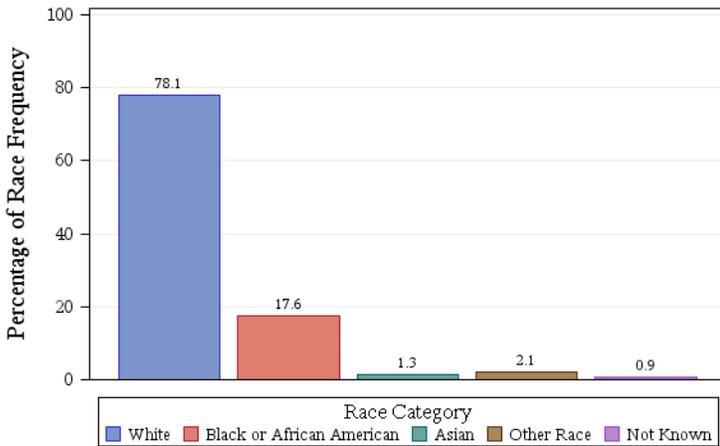
**Motorcycle  
2012-2014**



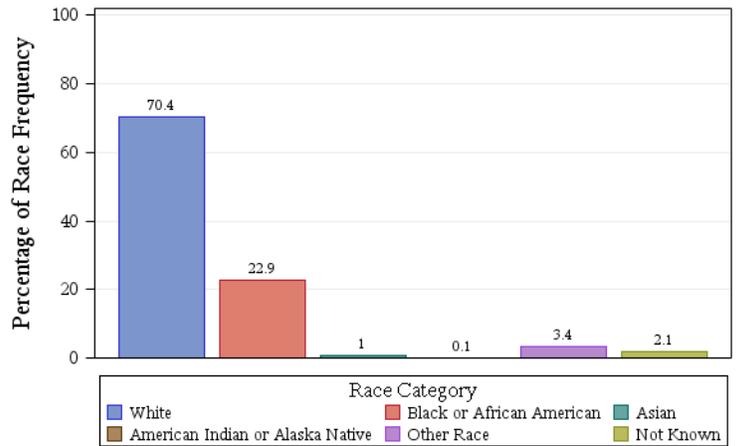
**Automobile  
2012-2014**



**Bicyclist  
2012-2014**

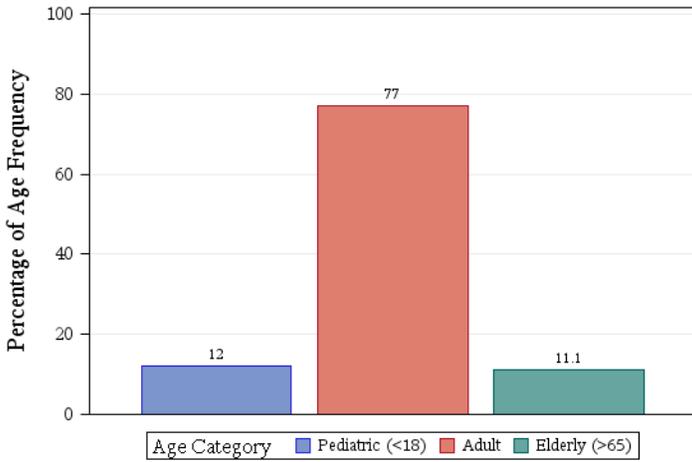


**Pedestrian  
2012-2014**

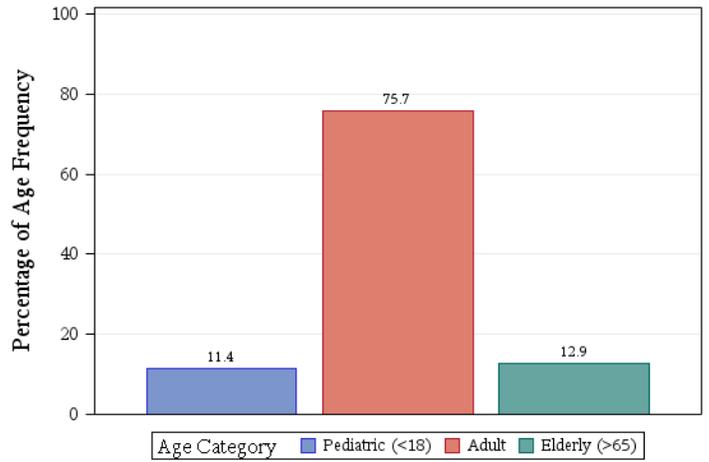


**January 2012 to April 2014      10202 Incidents**  
**Age- Motor Vehicle Collision**

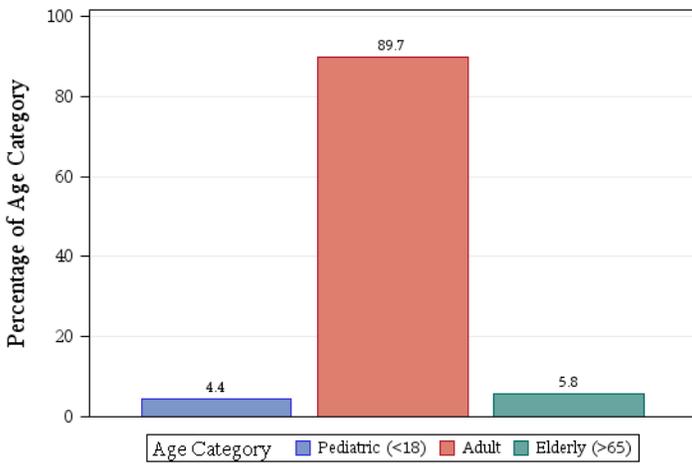
**2012**



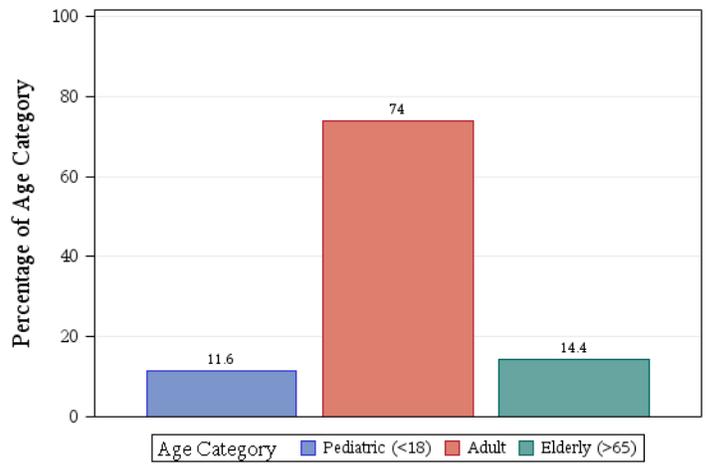
**2013-2014**



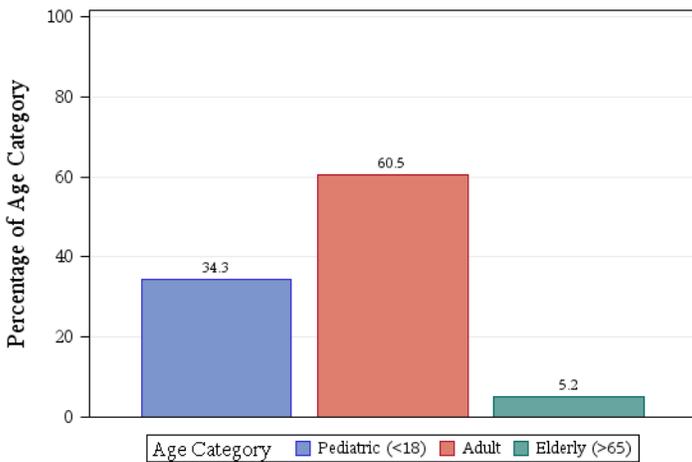
**Motorcycle  
2012-2014**



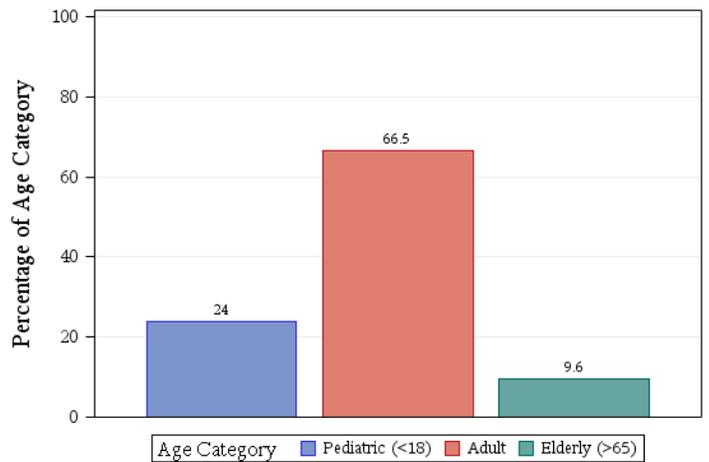
**Automobile  
2012-2014**



**Bicyclist  
2012-2014**

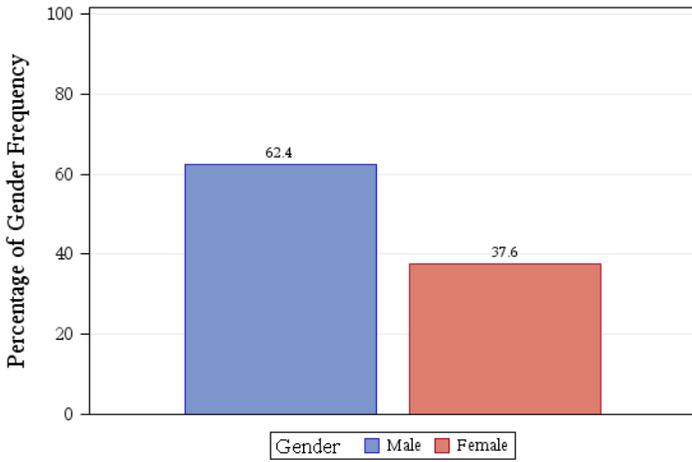


**Pedestrian  
2012-2014**

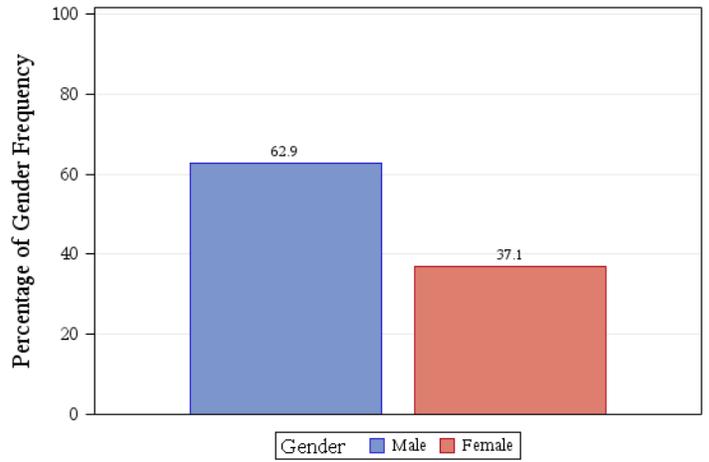


**January 2012 to April 2014 10202 Incidents**  
**Gender- Motor Vehicle Collision**

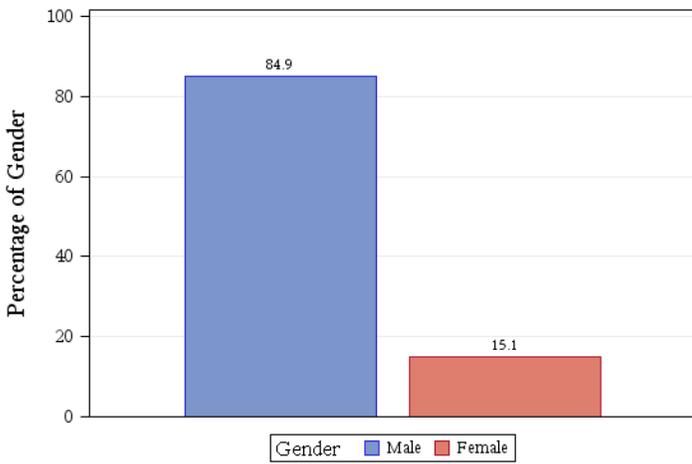
**2012**



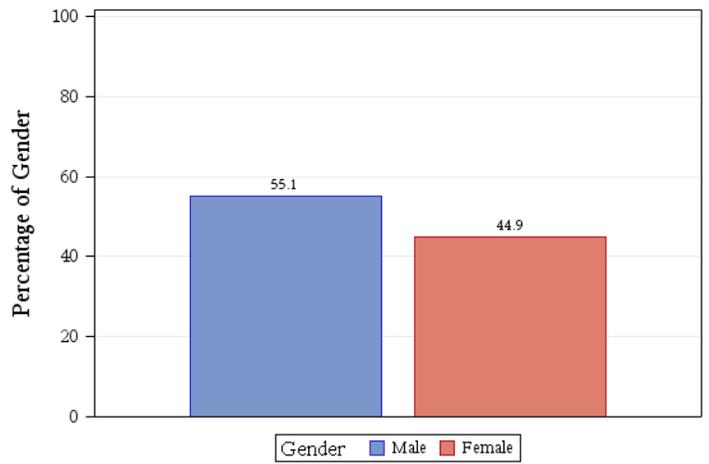
**2013-2014**



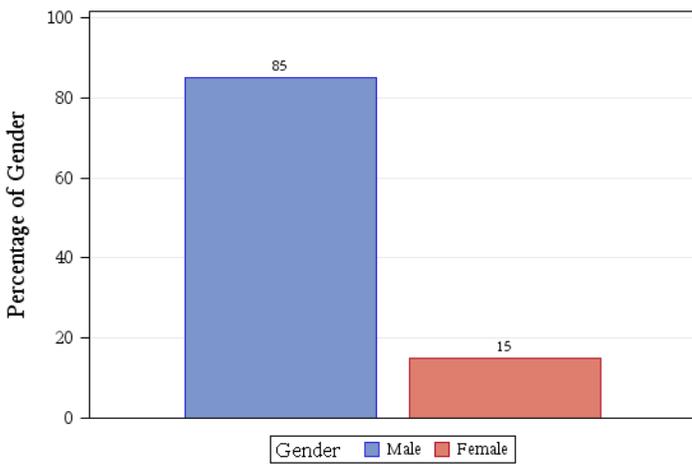
**Motorcycle**  
**2012-2014**



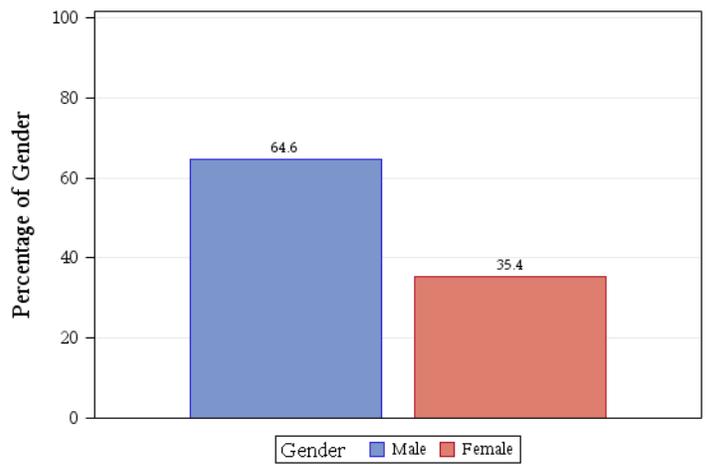
**Automobile**  
**2012-2014**



**Bicyclist**  
**2012-2014**

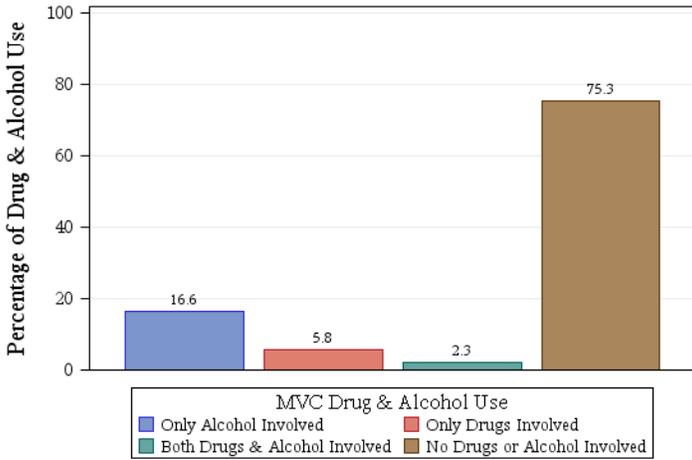


**Pedestrian**  
**2012-2014**

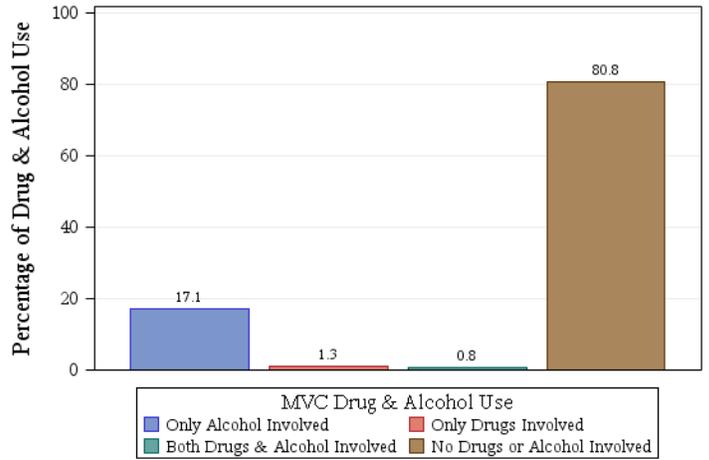


**January 2012 to April 2014      10202 Incidents**  
**Drug & Alcohol Use- Motor Vehicle Collision**

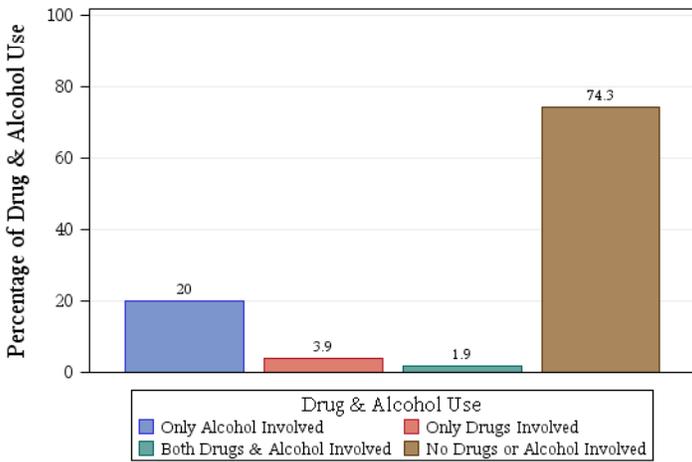
**2012**



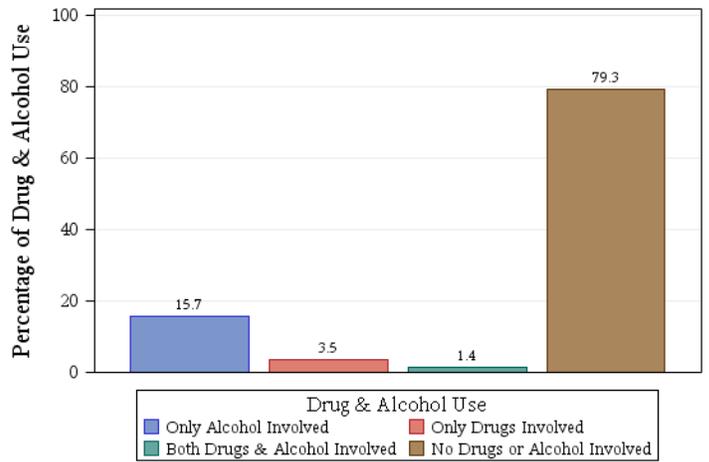
**2013-2014**



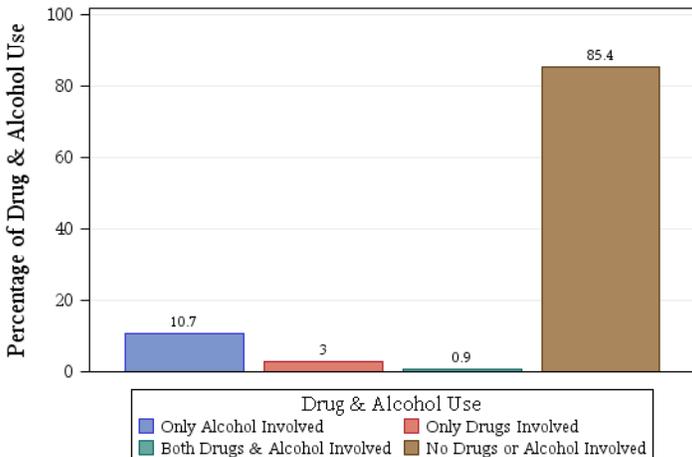
**Motorcycle  
2012-2014**



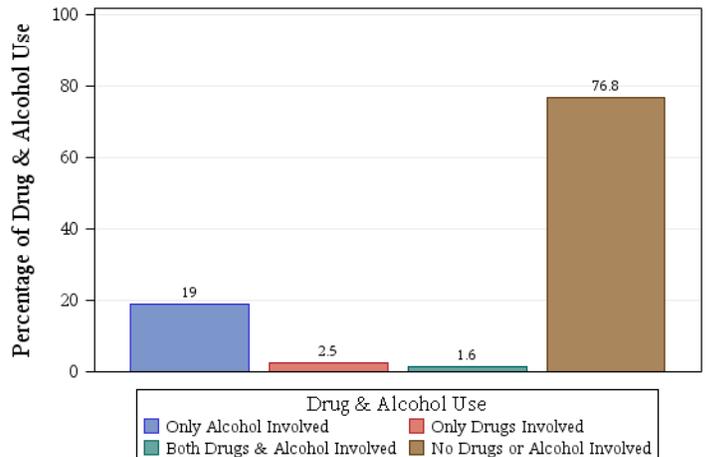
**Automobile  
2012-2014**



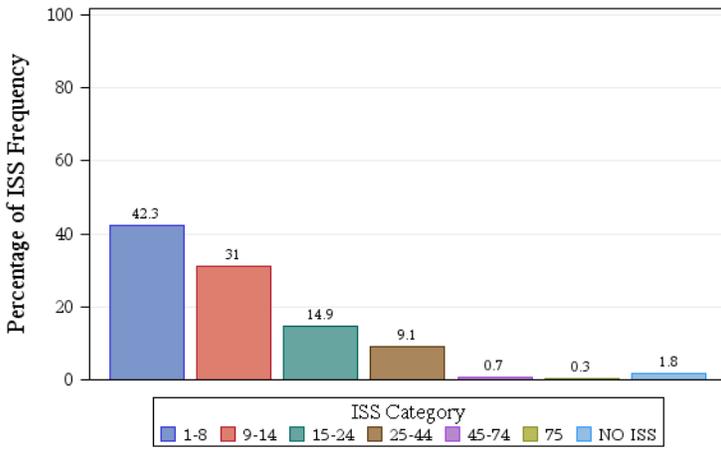
**Bicyclist  
2012-2014**



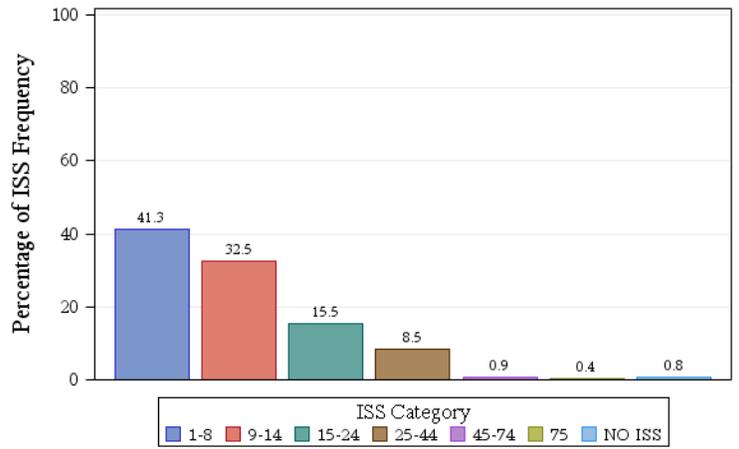
**Pedestrian  
2012-2014**



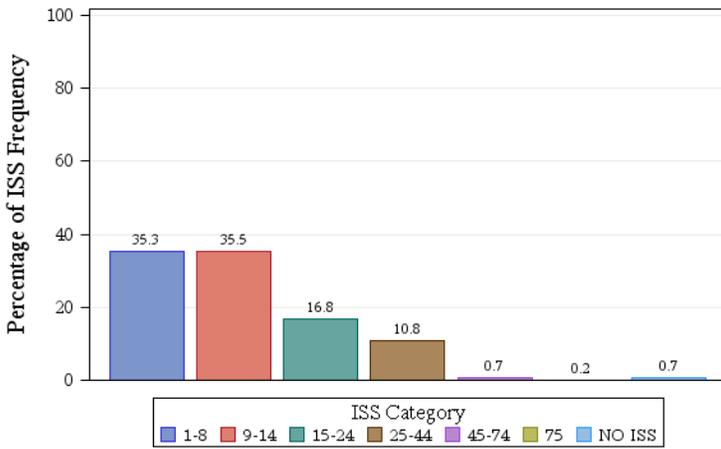
**2012**



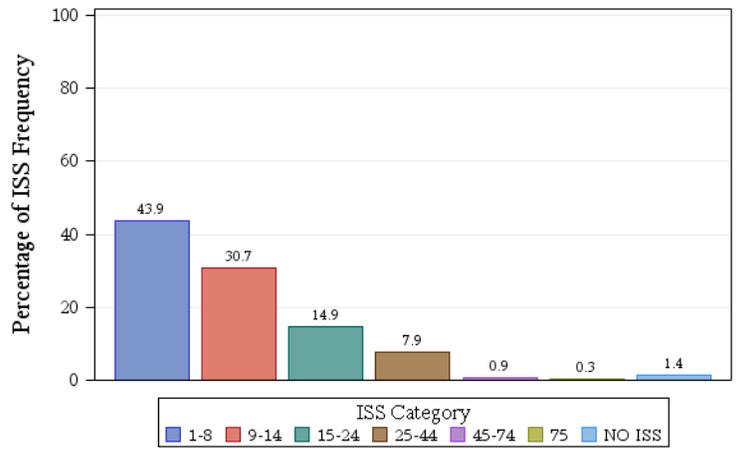
**2013-2014**



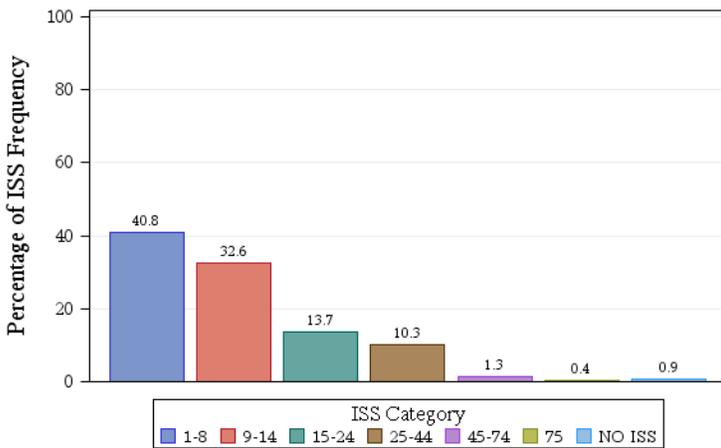
**Motorcycle**  
**2012-2014**



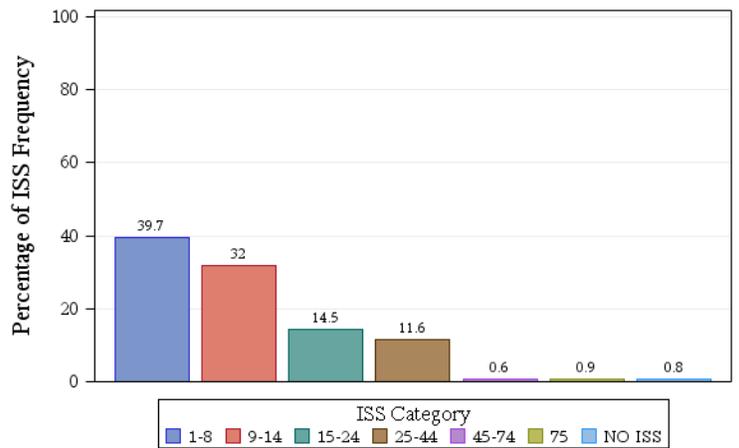
**Automobile**  
**2012-2014**



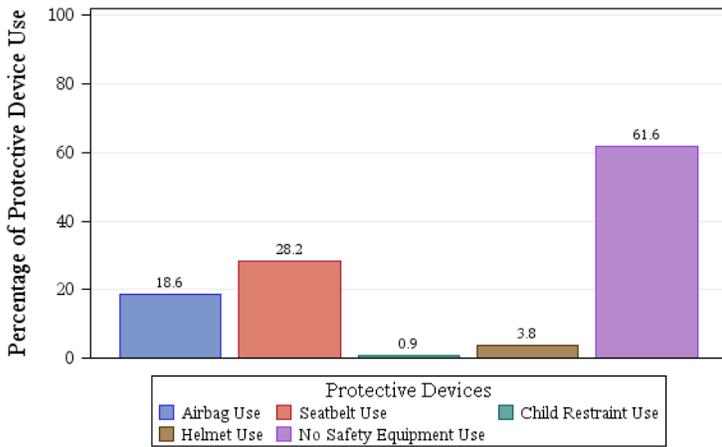
**Bicyclist**  
**2012-2014**



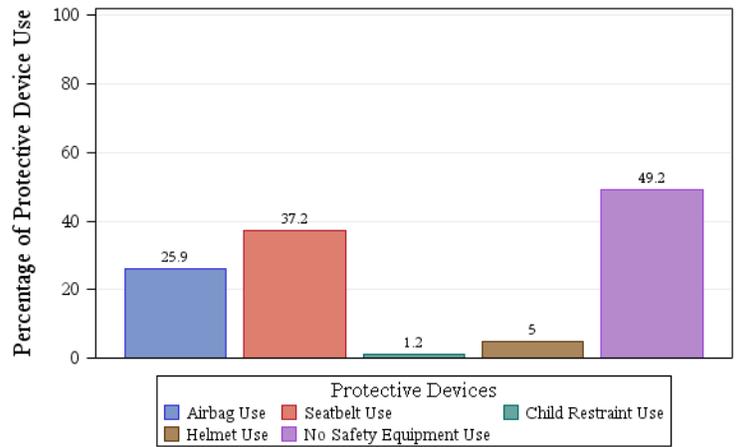
**Pedestrian**  
**2012-2014**



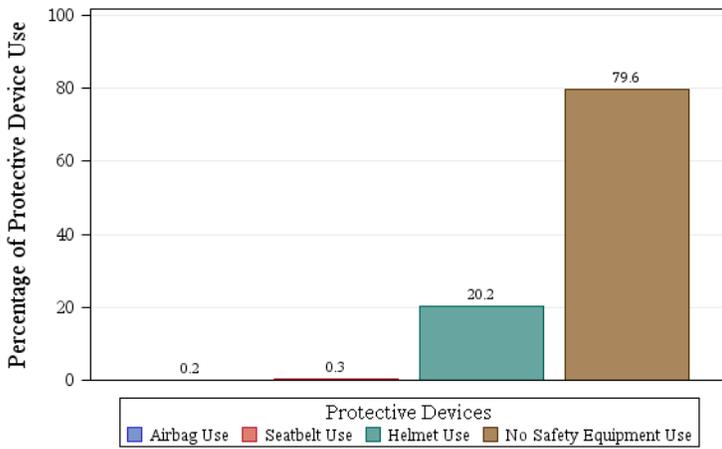
**2012**



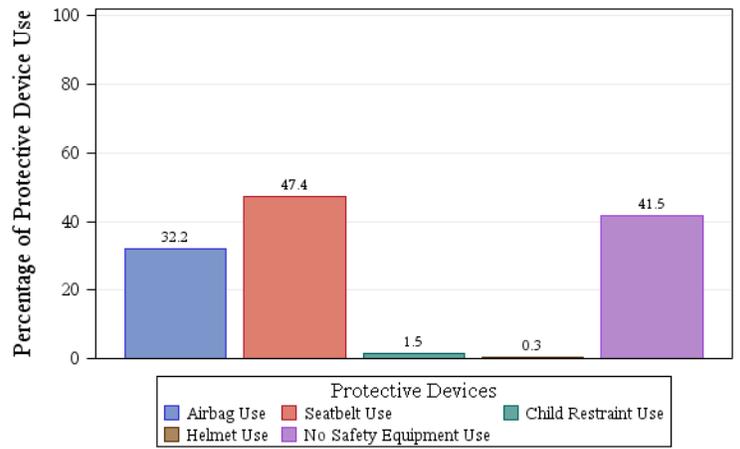
**2013-2014**



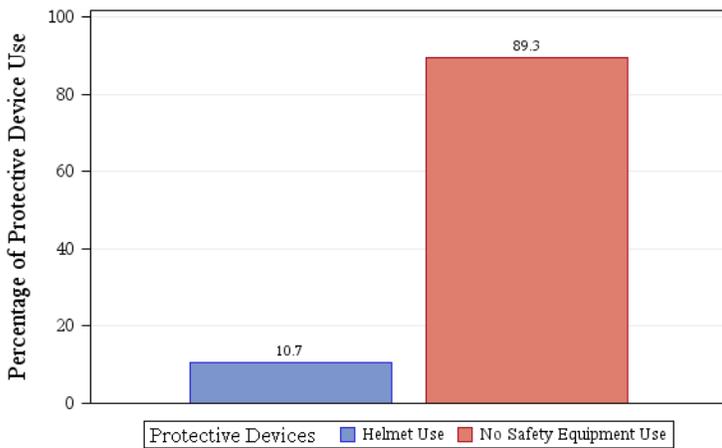
**Motorcycle  
2012-2014**



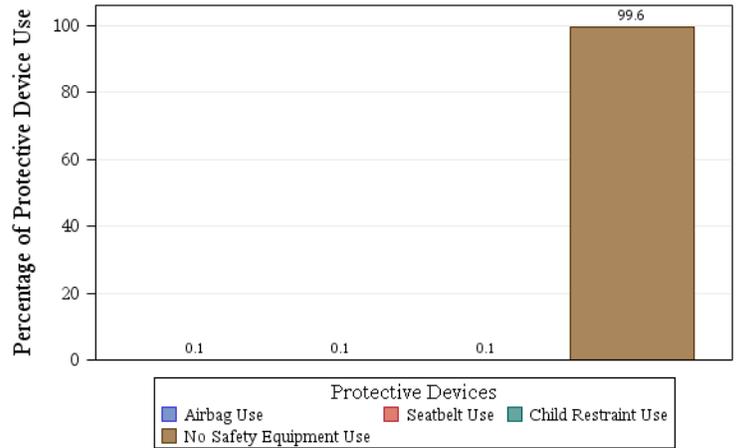
**Automobile  
2012-2014**



**Bicyclist  
2012-2014**



**Pedestrian  
2012-2014**



**Indiana Trauma Registry, May 1, 2013-April 30, 2014**  
**MVC involving Drugs or Alcohol By Public Health Preparedness Districts**

