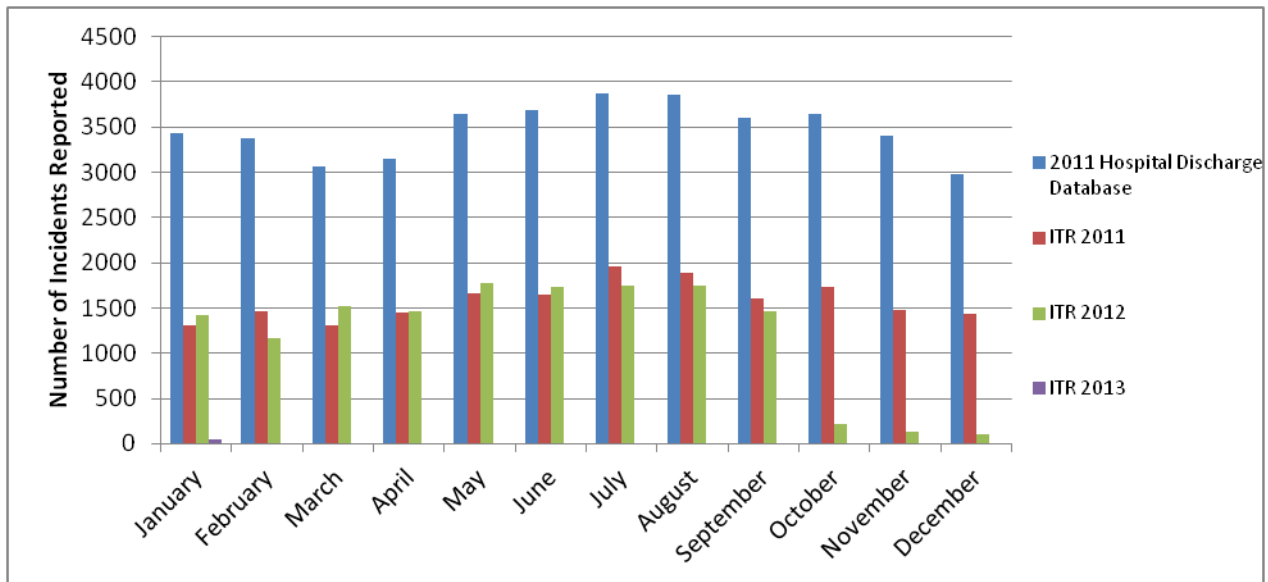


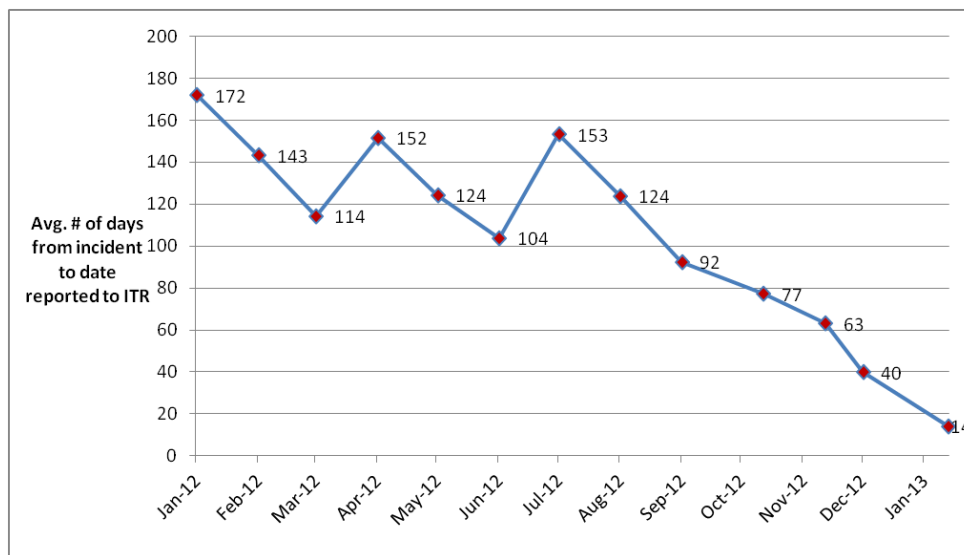
The Indiana Trauma Registry (ITR) monthly report is a dashboard style report for the Indiana Criminal Justice Institute (ICJI) and any other party concerned about trauma in Indiana. This report highlights the three data quality measures for the ICJI grant: completeness, timeliness, and uniformity. The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

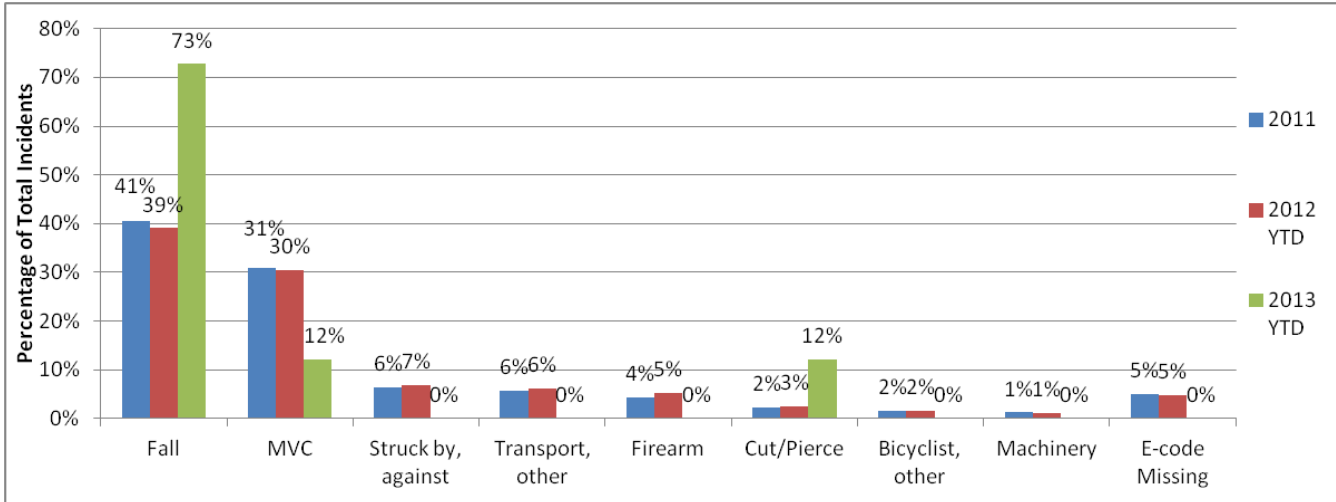


Uniformity

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

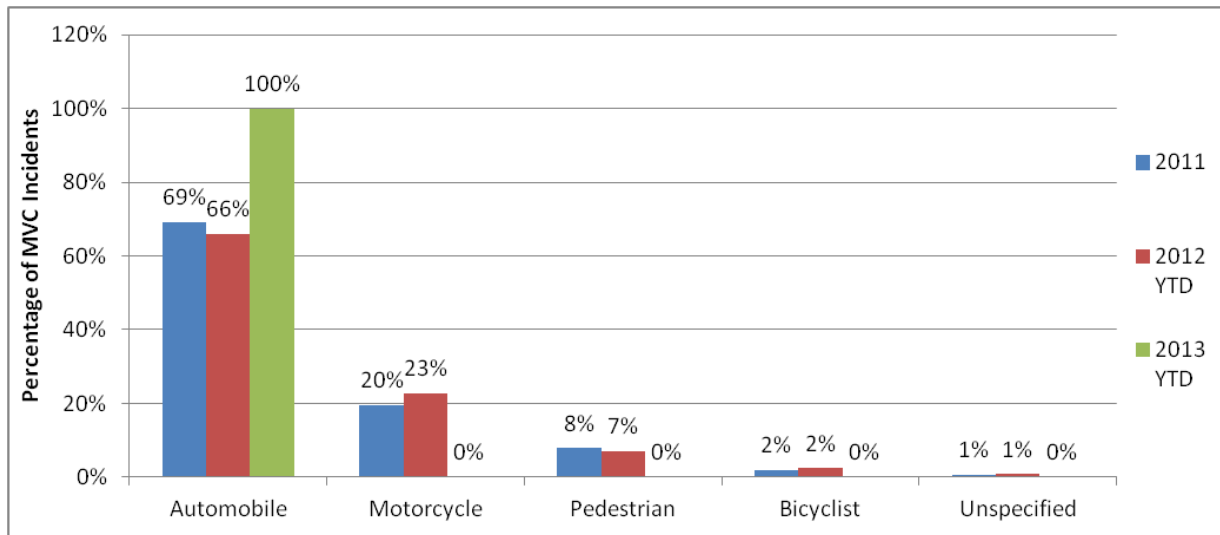
- Conducted baseline inter-rater reliability study in 2012
- Will schedule follow-up inter-rater reliability study in 2013
 - Sent survey to Registrars asking for the best format to conduct follow-up inter-rater reliability study
 - One case per month once a quarter appears to be the best format
 - Working with American Trauma Society to provide cases for study
- 2012 saw an increase in the number of certified specialists in trauma registry (CSTR) across the state from 2 to 5.
 - With formal training in data abstraction, uniformity should increase

Cause of Injury (COI)

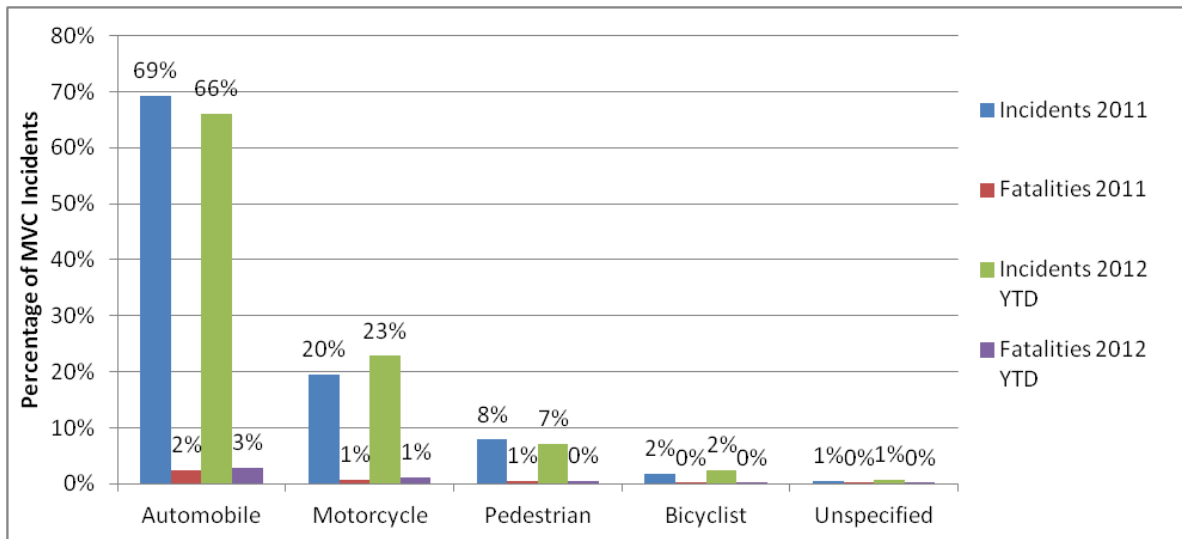


* <1% COI: Bites / Stings, Fire / Burn, Pedestrian (Other), Natural / Environment, Overexertion

COI - Motor Vehicle Collision (MVC)



COI - MVC Incidents vs. Fatalities



* No MVC fatalities have been reported to the Indiana Trauma Registry for 2013

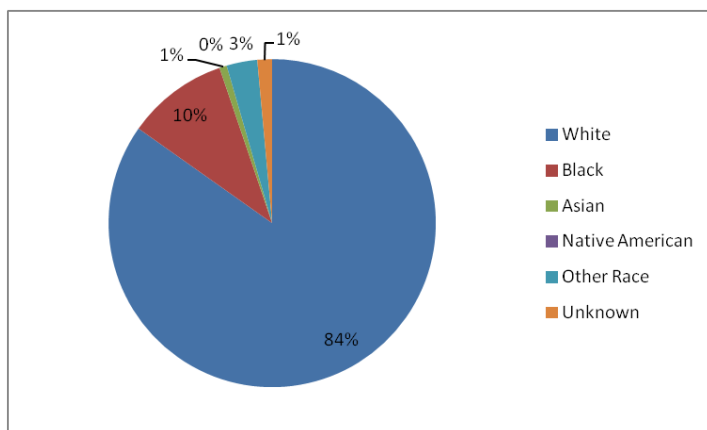
Indiana Trauma Registry

Motor Vehicle Collisions

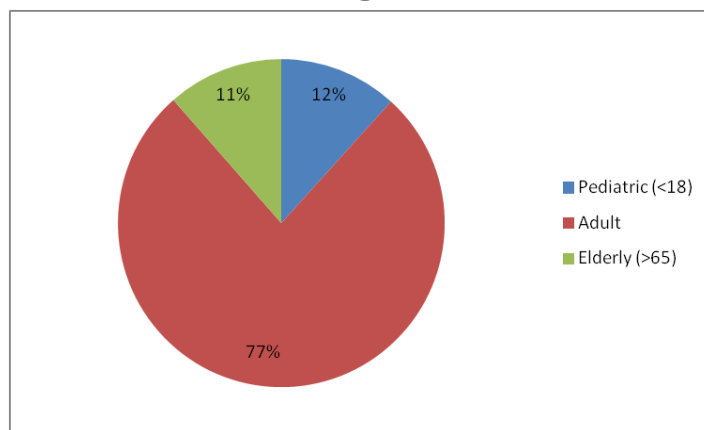
Feb. 2012 to Jan. 2013
3447 Incidents

9 Trauma Centers
25 (Non-Trauma) Hospitals
34 Total Hospitals Reporting

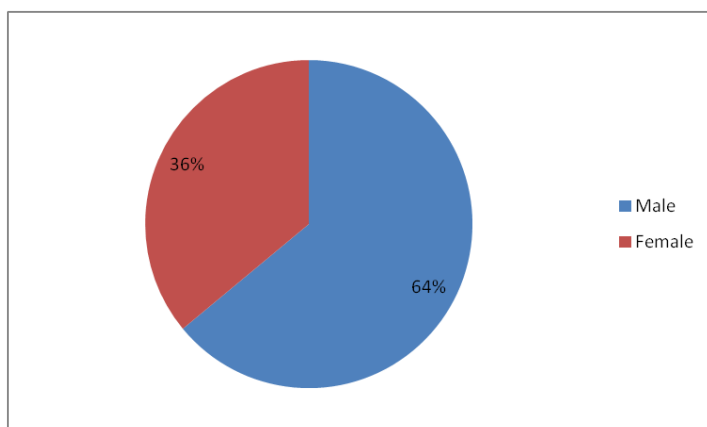
Race



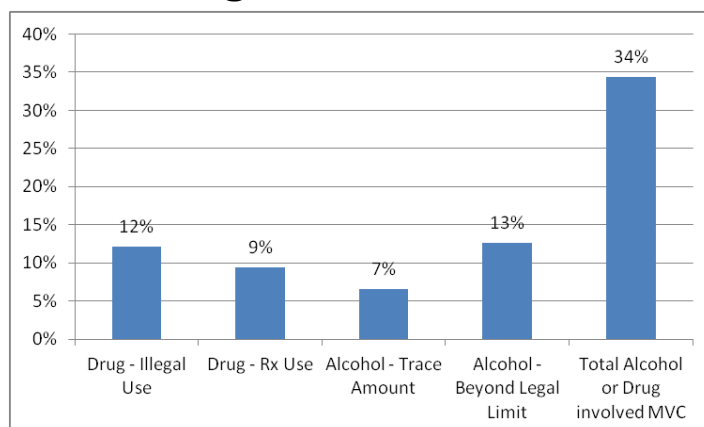
Age



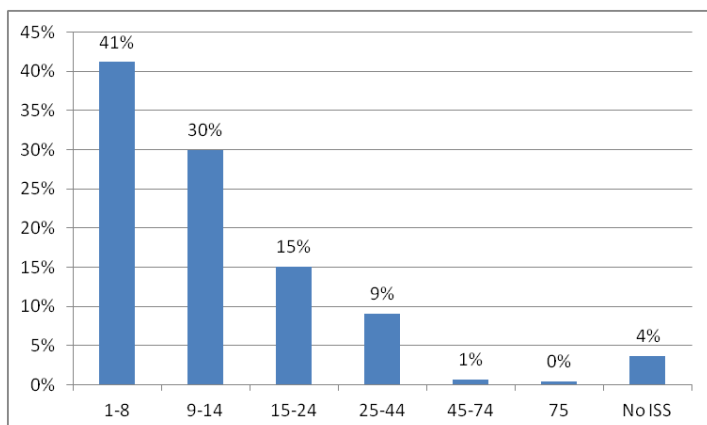
Gender



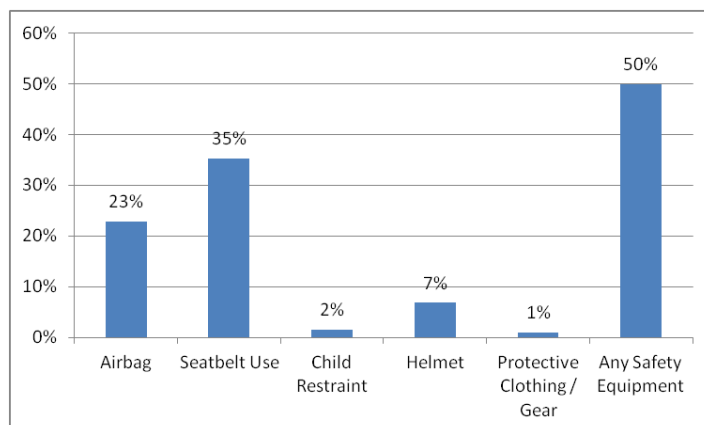
Drug & Alcohol Use



Injury Severity Score



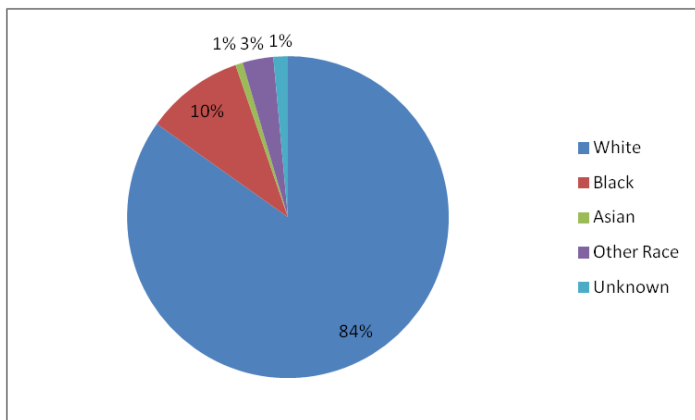
Protective Devices



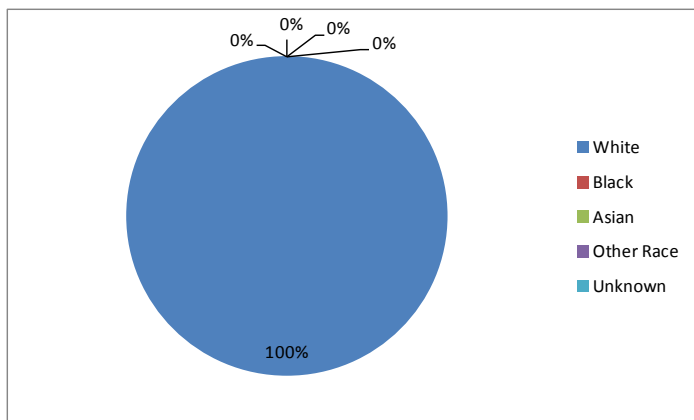
Injury Severity Score (ISS) is a measure of how bad the injury is. Scores over 15 are considered major trauma. A score of 75 is considered not survivable.

Motor Vehicle Collision

2012 - YTD

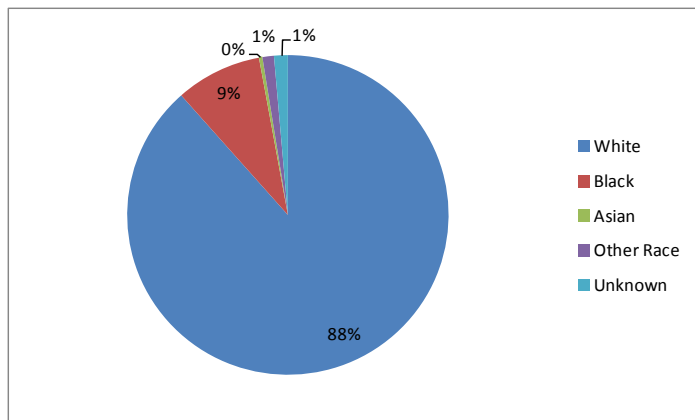


2013 - YTD

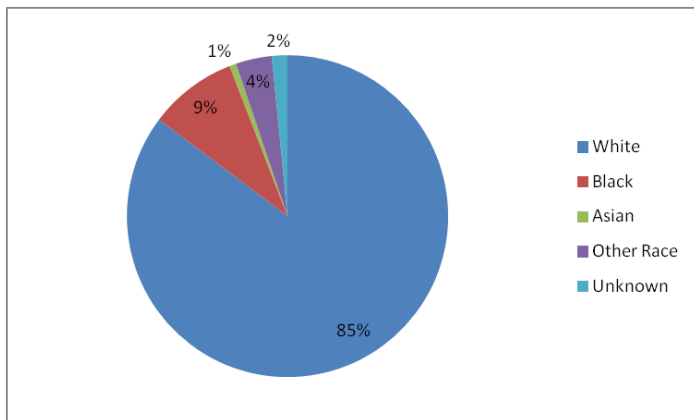


2012 - 2013 (YTD)

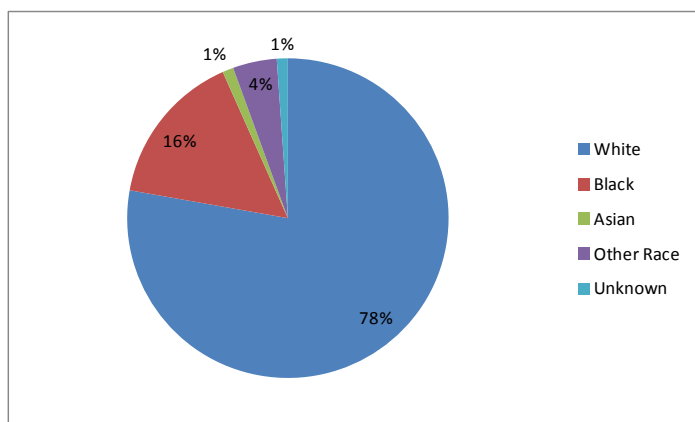
Motorcycle



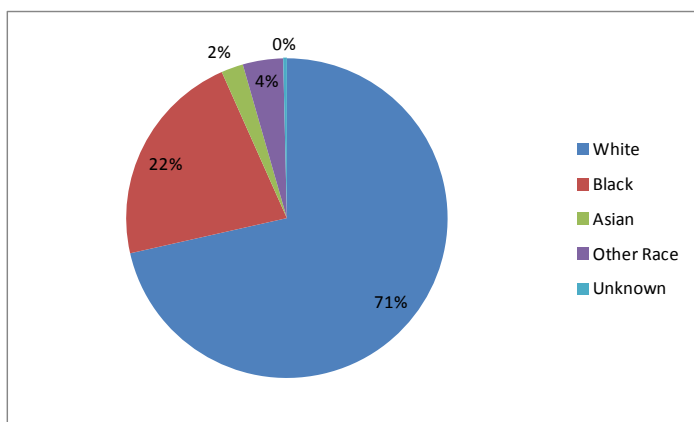
Automobile



Bicyclist

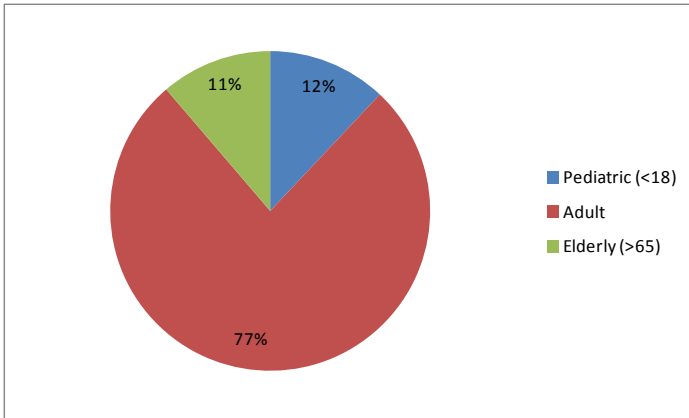


Pedestrian

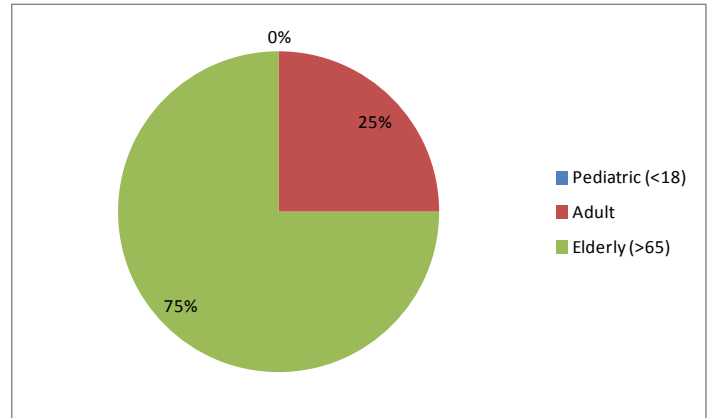


Motor Vehicle Collision

2012 - YTD

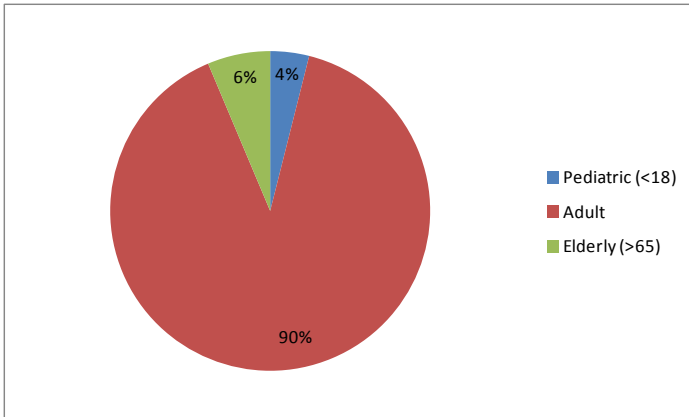


2013 - YTD

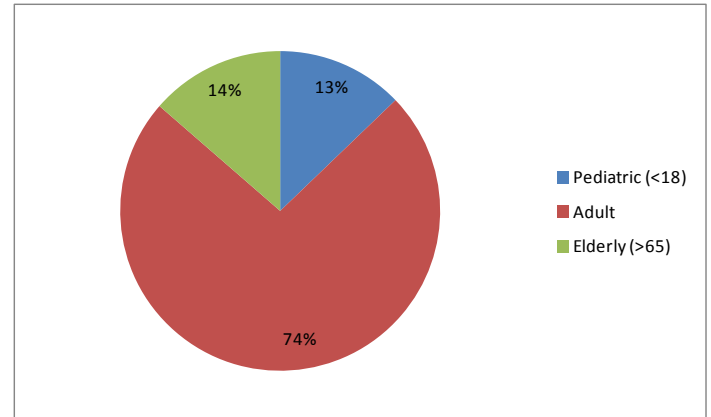


2012 - 2013 (YTD)

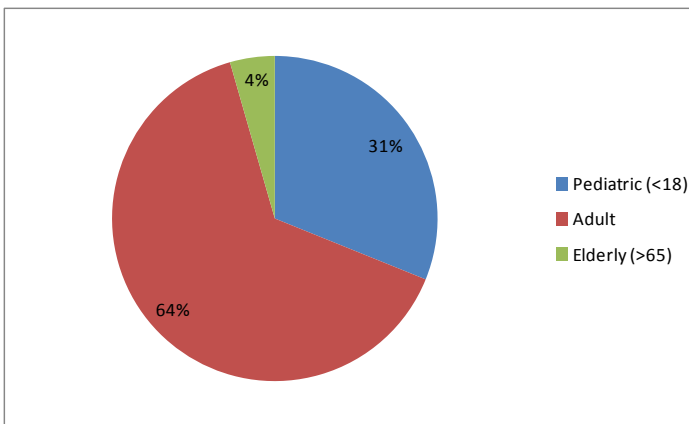
Motorcycle



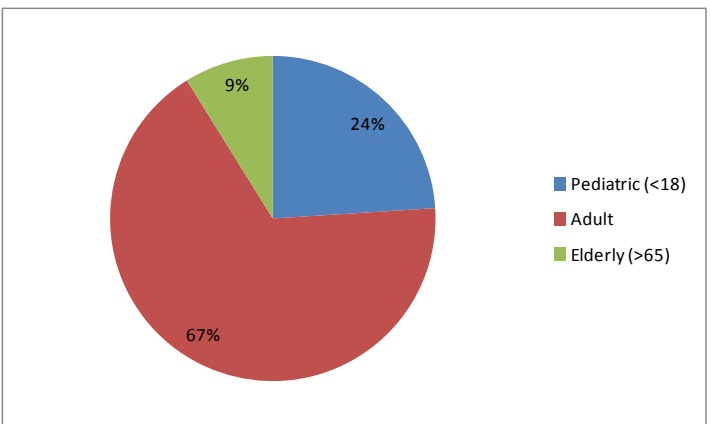
Automobile



Bicyclist

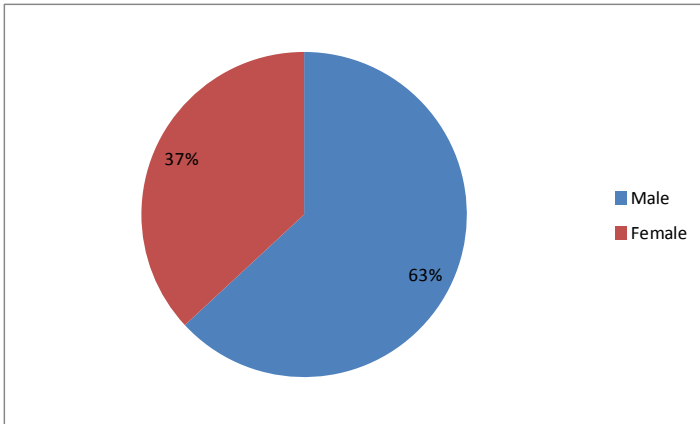


Pedestrian

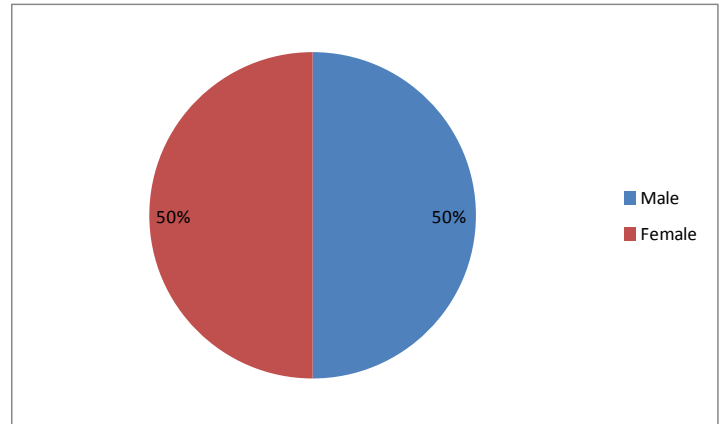


Motor Vehicle Collision

2012 - YTD

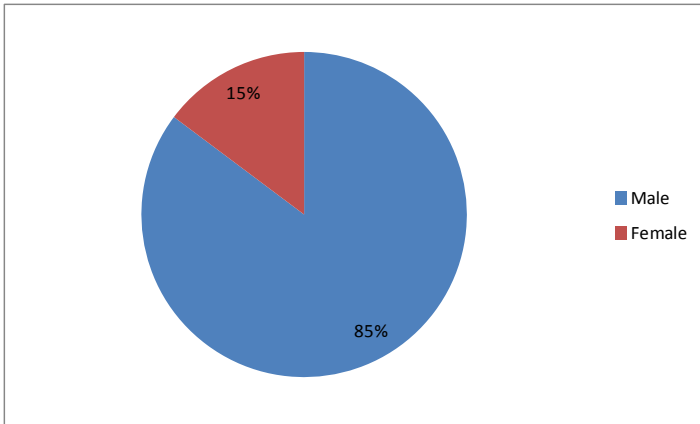


2013 - YTD

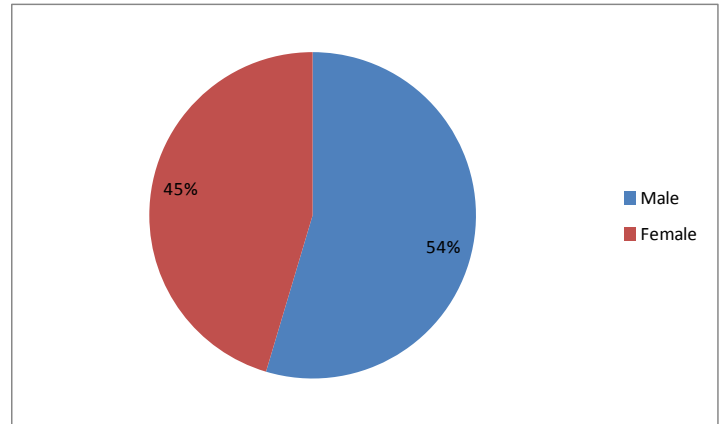


2012 - 2013 (YTD)

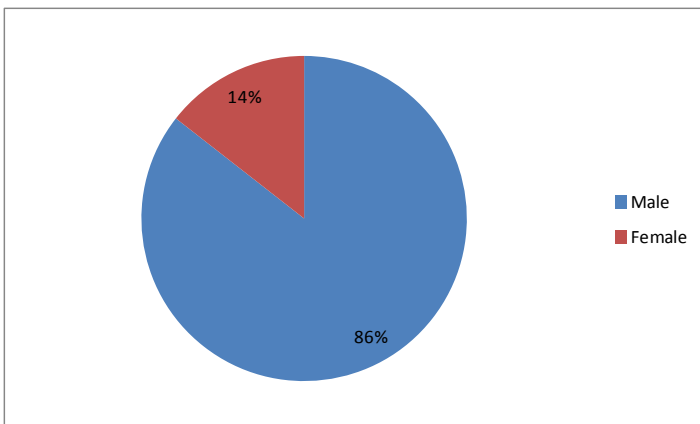
Motorcycle



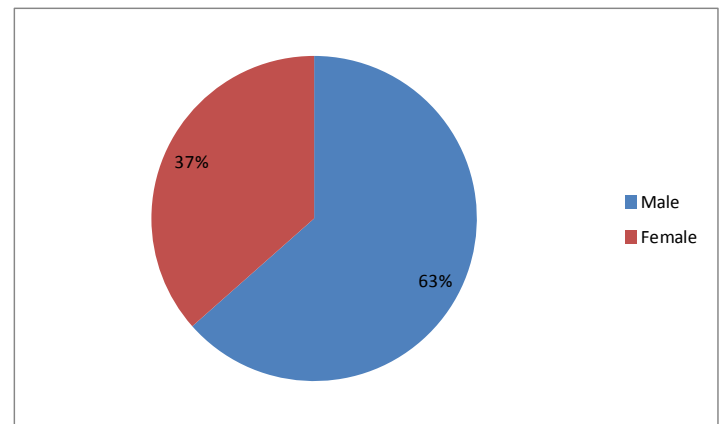
Automobile



Bicyclist

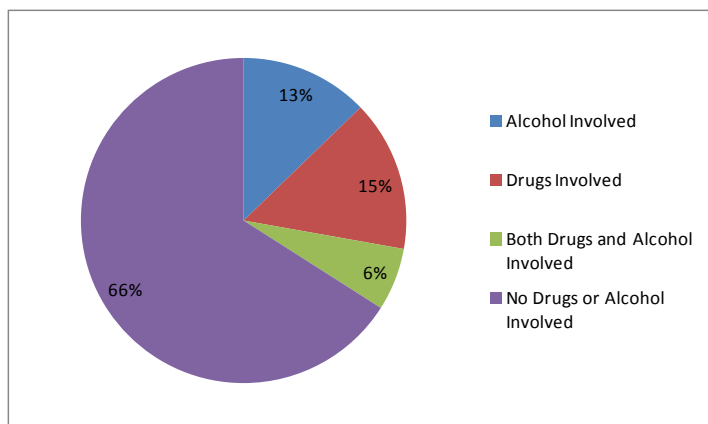


Pedestrian

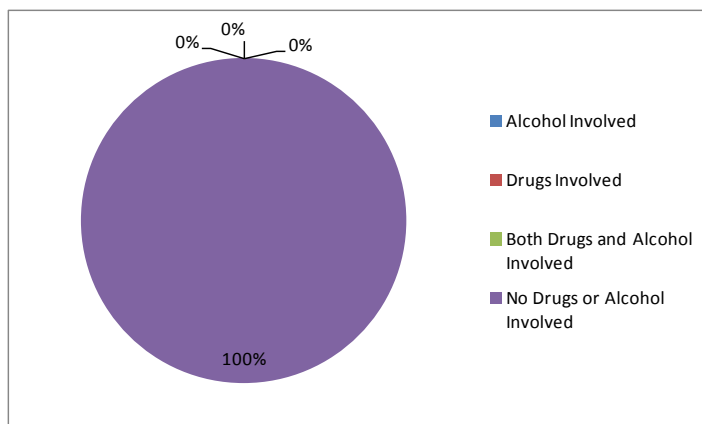


Motor Vehicle Collision

2012 - YTD

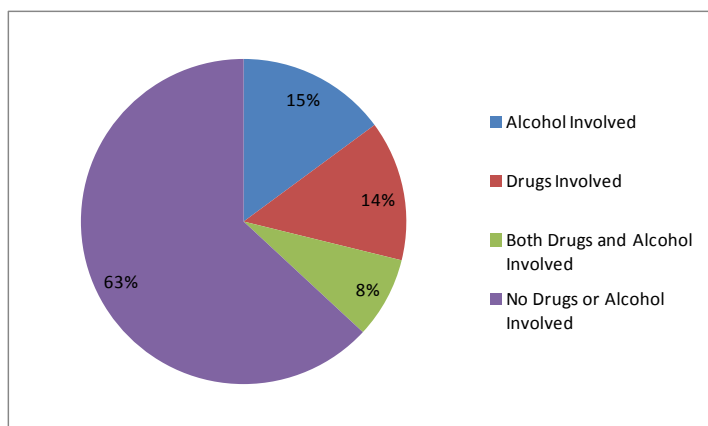


2013 - YTD

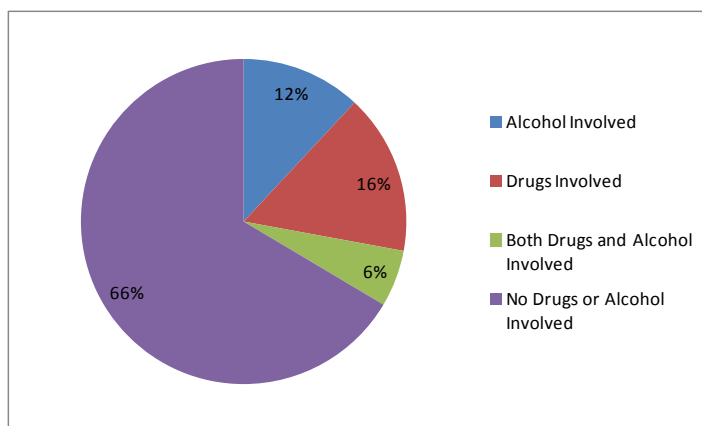


2012 - 2013 (YTD)

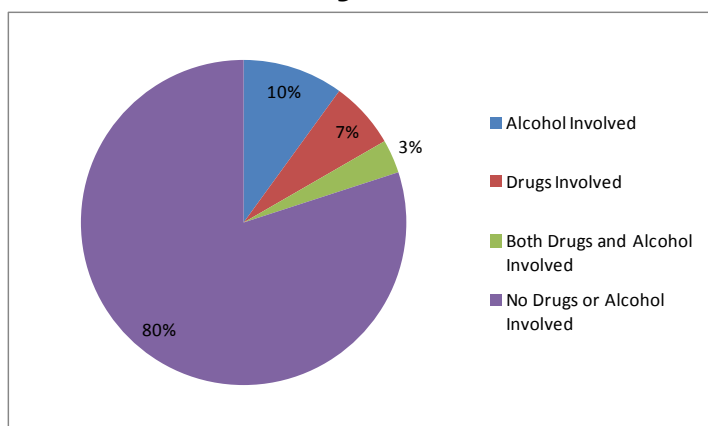
Motorcycle



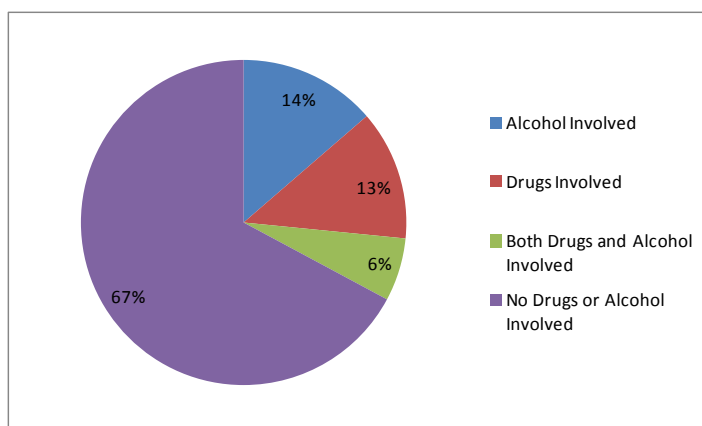
Automobile



Bicyclist

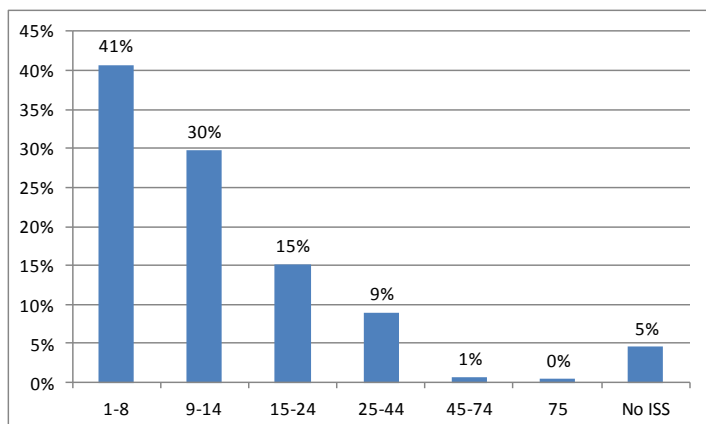


Pedestrian

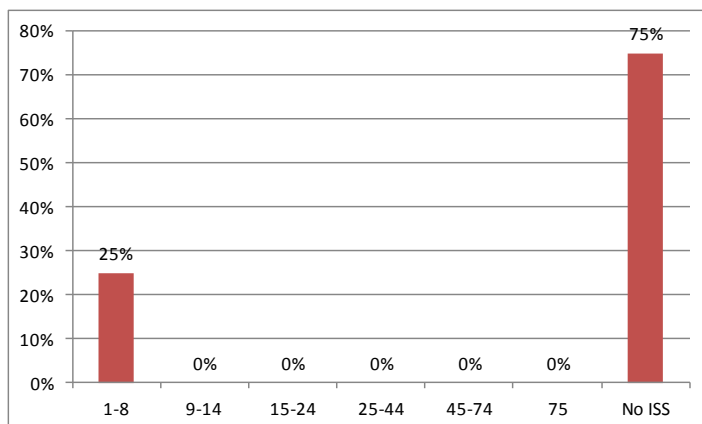


Motor Vehicle Collision

2012 - YTD

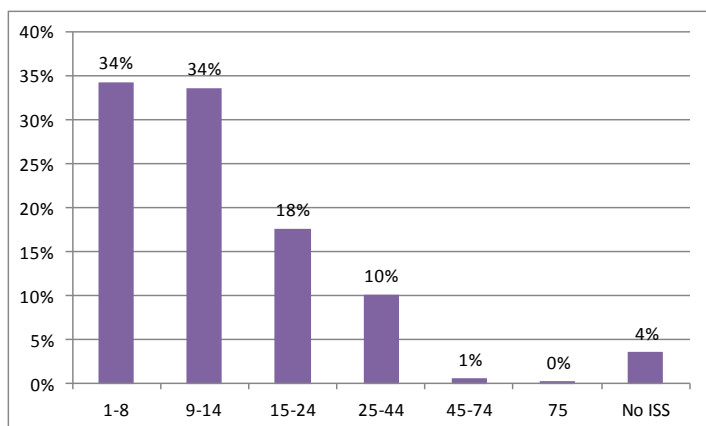


2013 - YTD

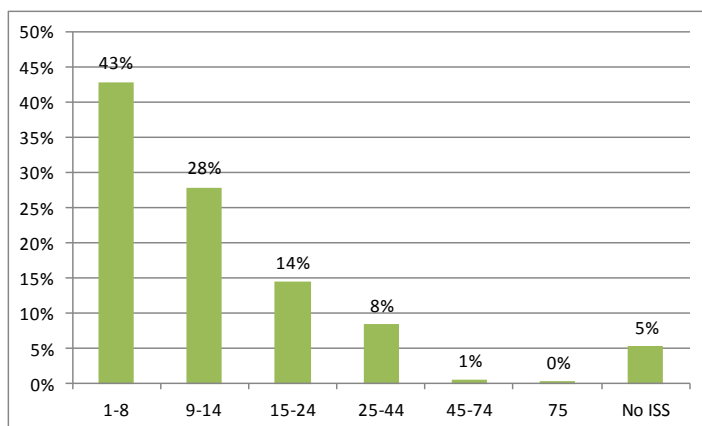


2012 - 2013 (YTD)

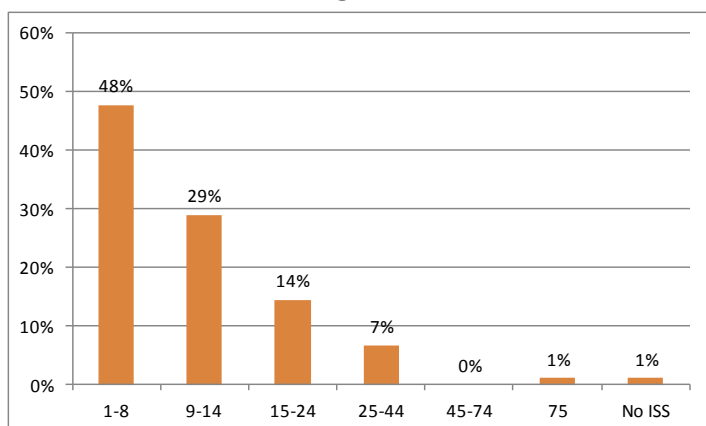
Motorcycle



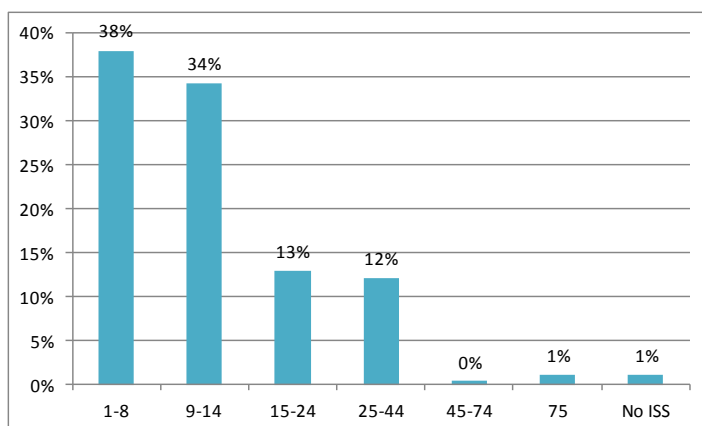
Automobile



Bicyclist

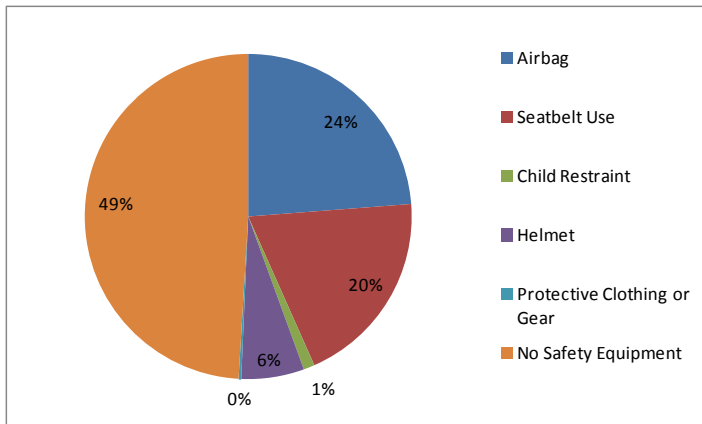


Pedestrian

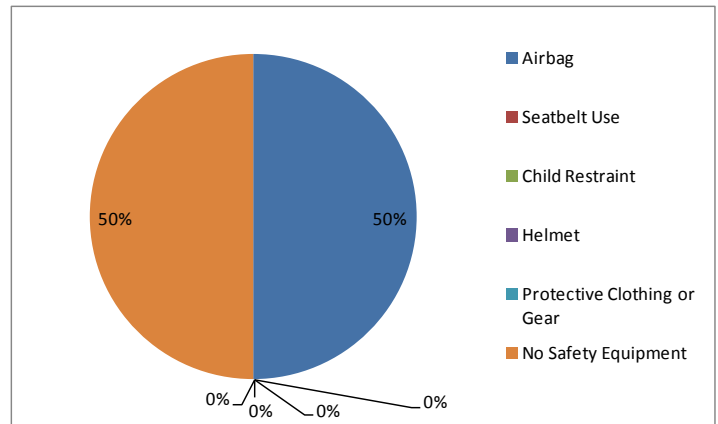


Motor Vehicle Collision

2012 - YTD

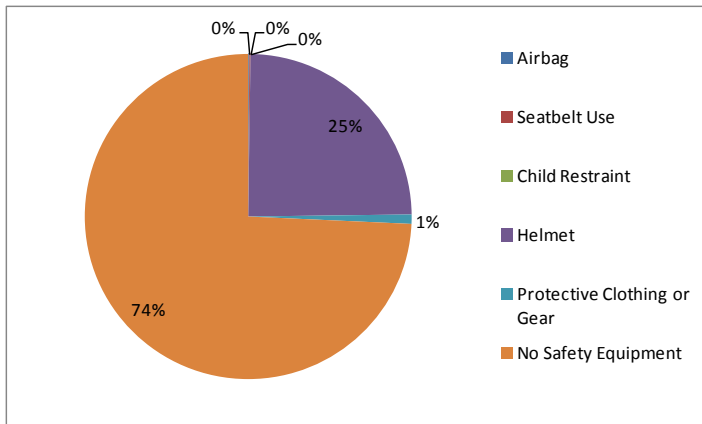


2013 - YTD

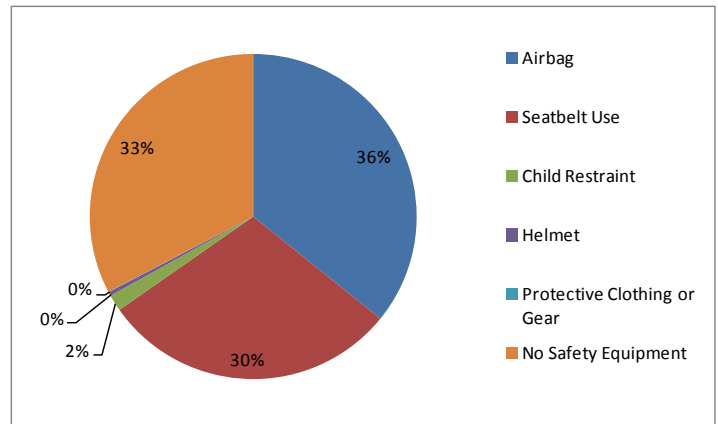


2012 - 2013 (YTD)

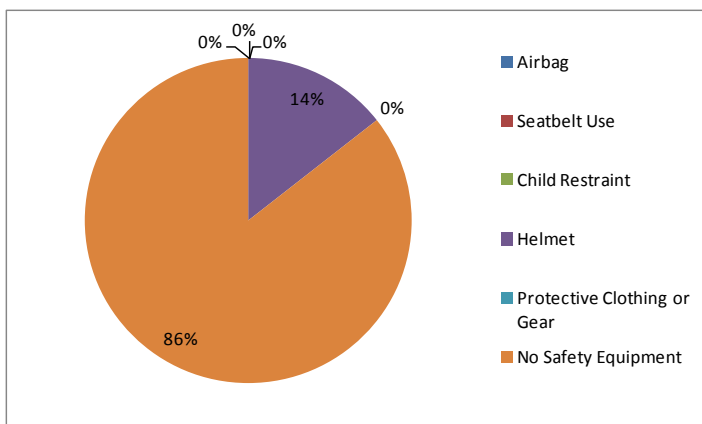
Motorcycle



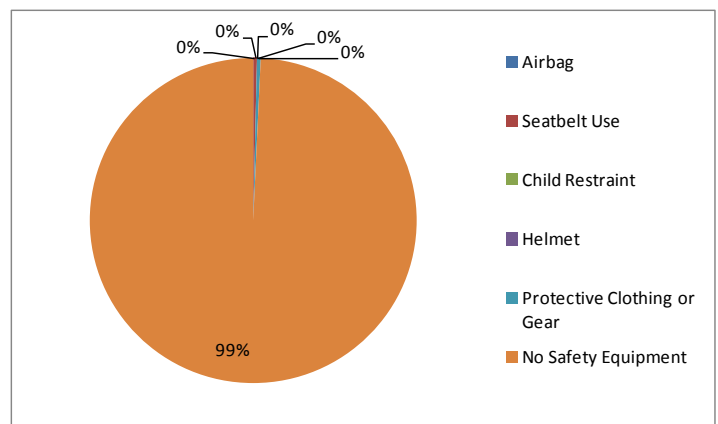
Automobile



Bicyclist



Pedestrian



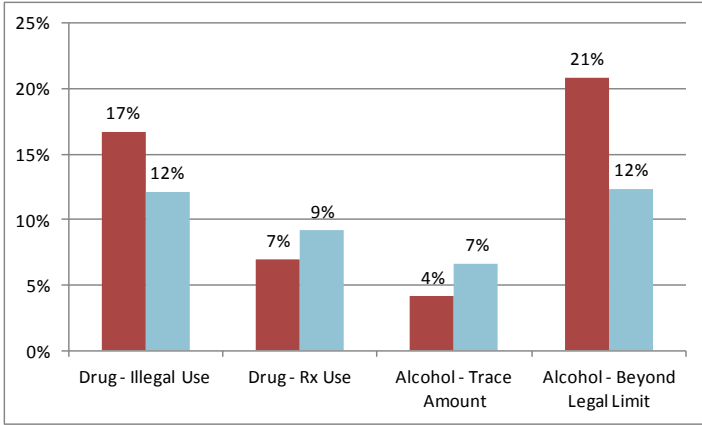
Indiana Trauma Registry

MVC involving Drugs or Alcohol

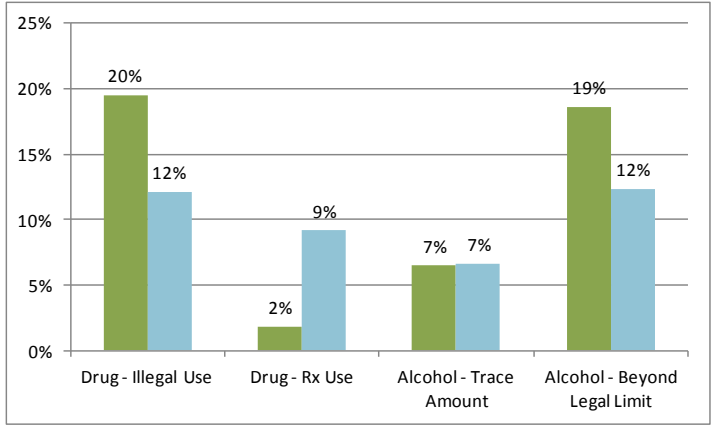
3806 incidents from Jan. 1, 2012 to Jan. 31, 2013
By Public Health Preparedness Districts

■ Indiana Average

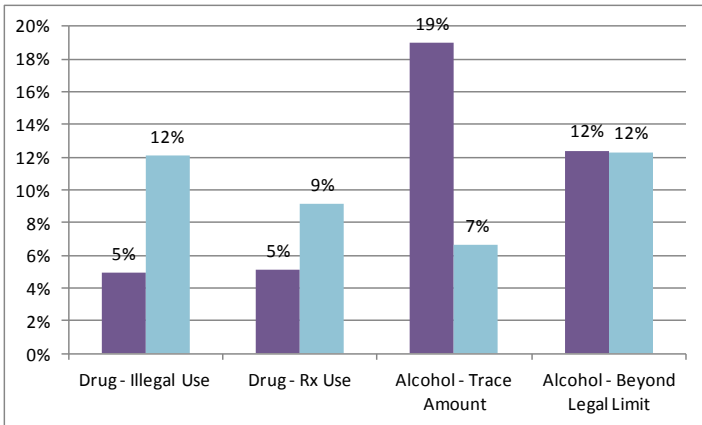
District 1 n=72



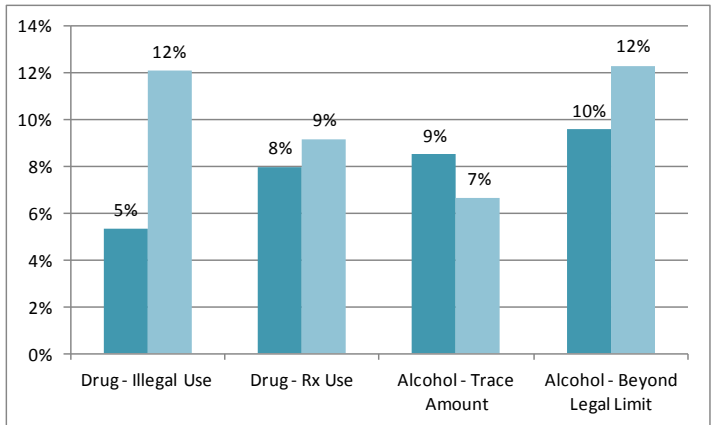
District 2 n=215



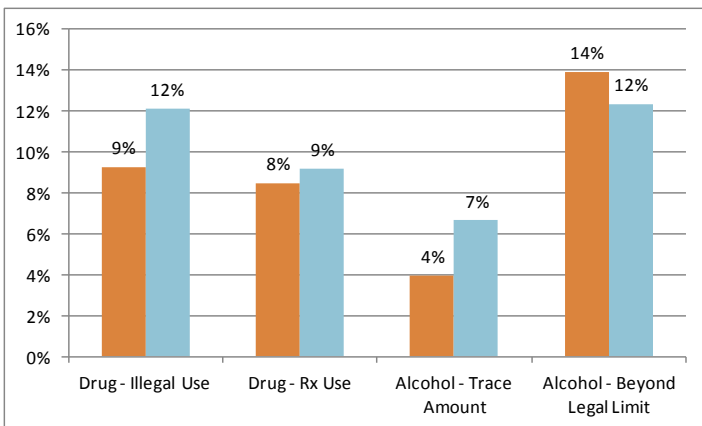
District 3 n=427



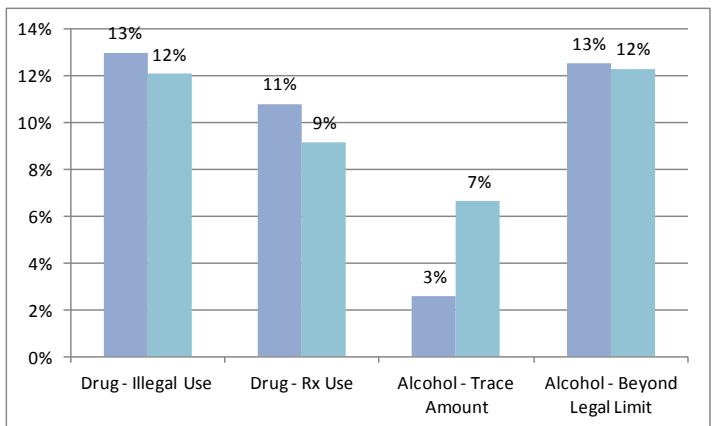
District 4 n=188



District 5 n=885



District 6 n=231



Percentage of MVC incidents where the patients tested positive for drugs or alcohol

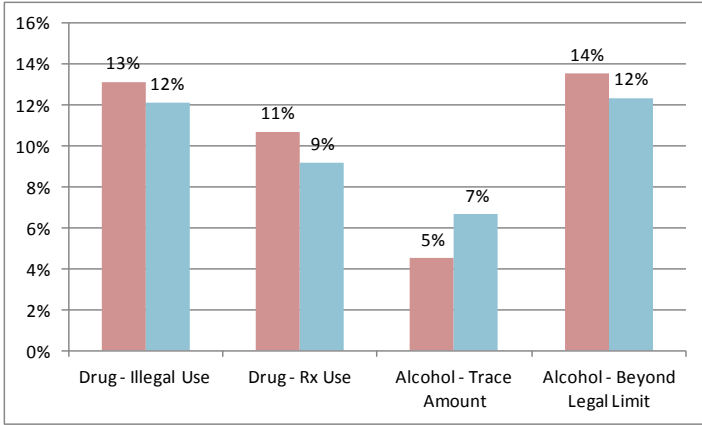
Indiana Trauma Registry

MVC involving Drugs or Alcohol

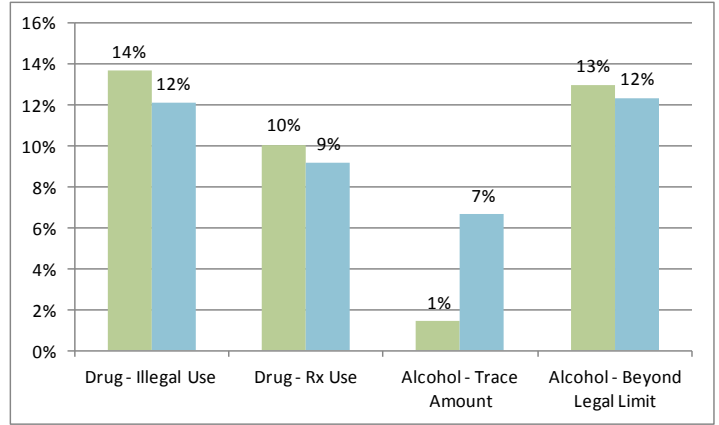
3806 incidents from Jan. 1, 2012 to Jan. 31, 2013
By Public Health Preparedness Districts

■ Indiana Average

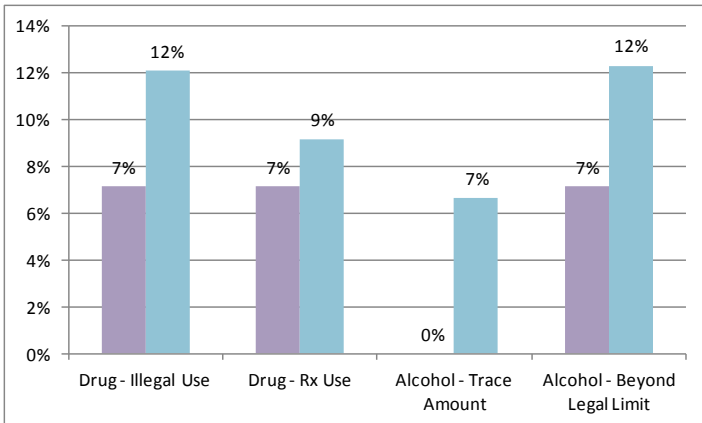
■ District 7 n=244



■ District 8 n=139



■ District 9 n=14



■ District 10 n=321

