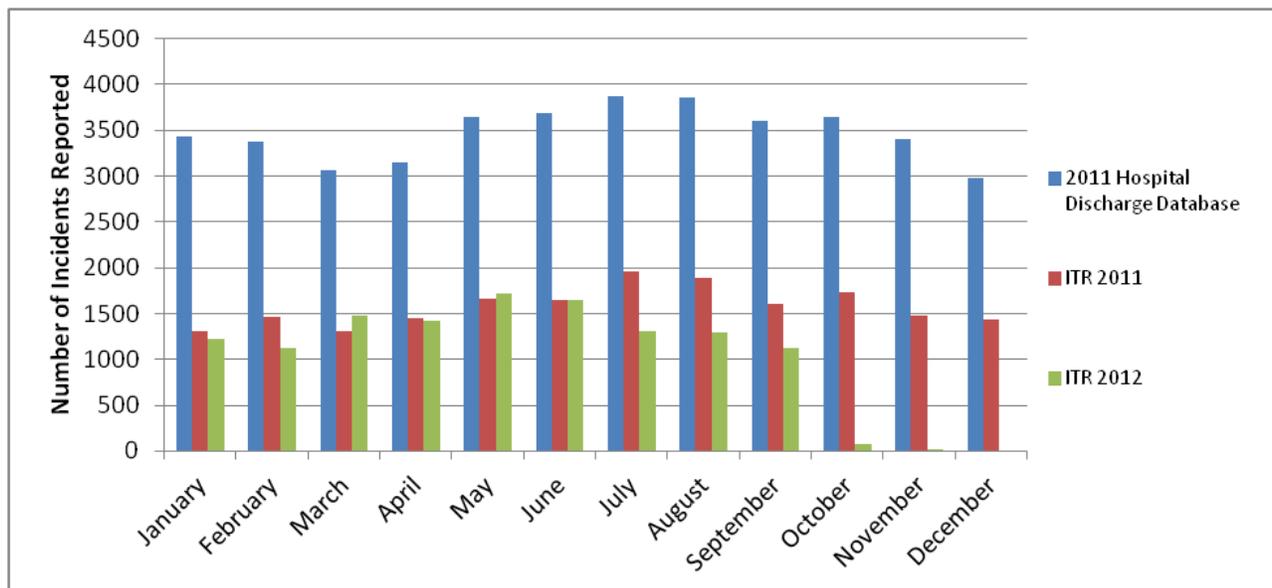


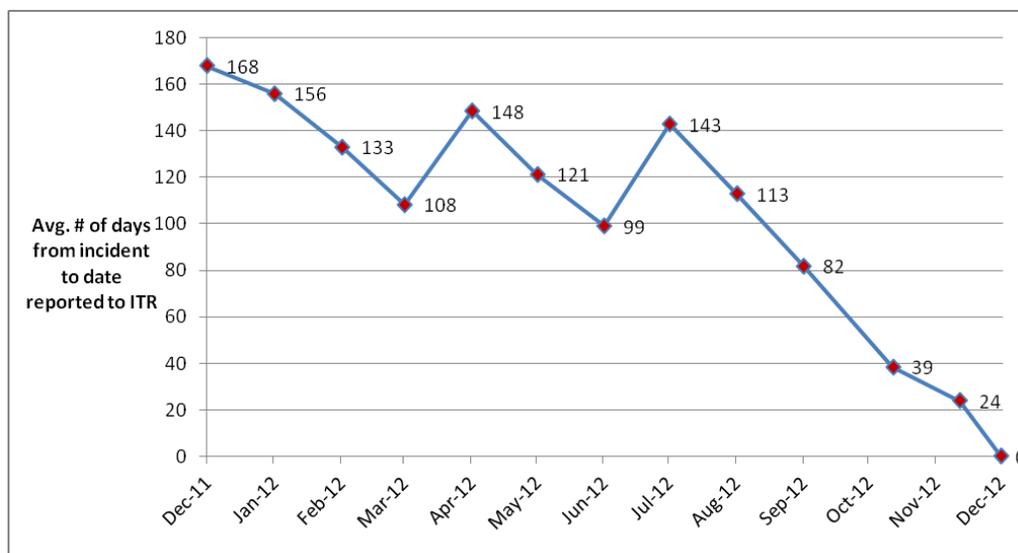
The Indiana Trauma Registry (ITR) monthly report is a dashboard style report for the Indiana Criminal Justice Institute (ICJI) and any other party concerned about trauma in Indiana. This report highlights the three data quality measures for the ICJI grant: completeness, timeliness, and uniformity. The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

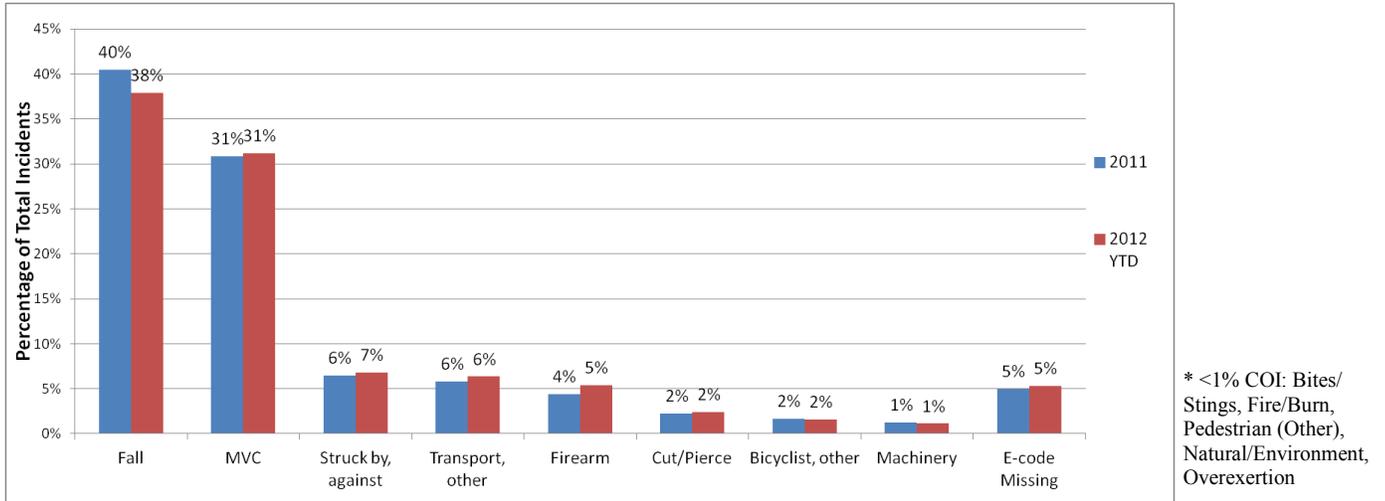


Uniformity

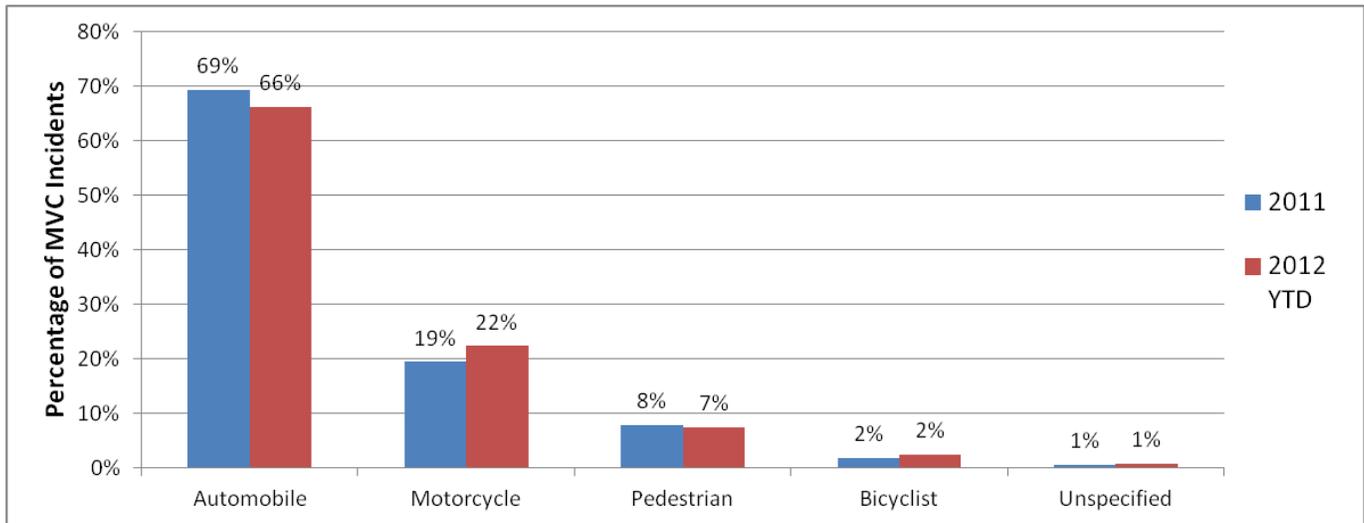
Actions to improve uniformity of data in the Indiana Trauma Registry:

- Conducted baseline inter-rater reliability study
 - Participation was low
 - Results show room for improvement
 - Discussed action items with partners in trauma, based upon results
- Will schedule follow-up inter-rater reliability study in 2013
- This year has seen 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

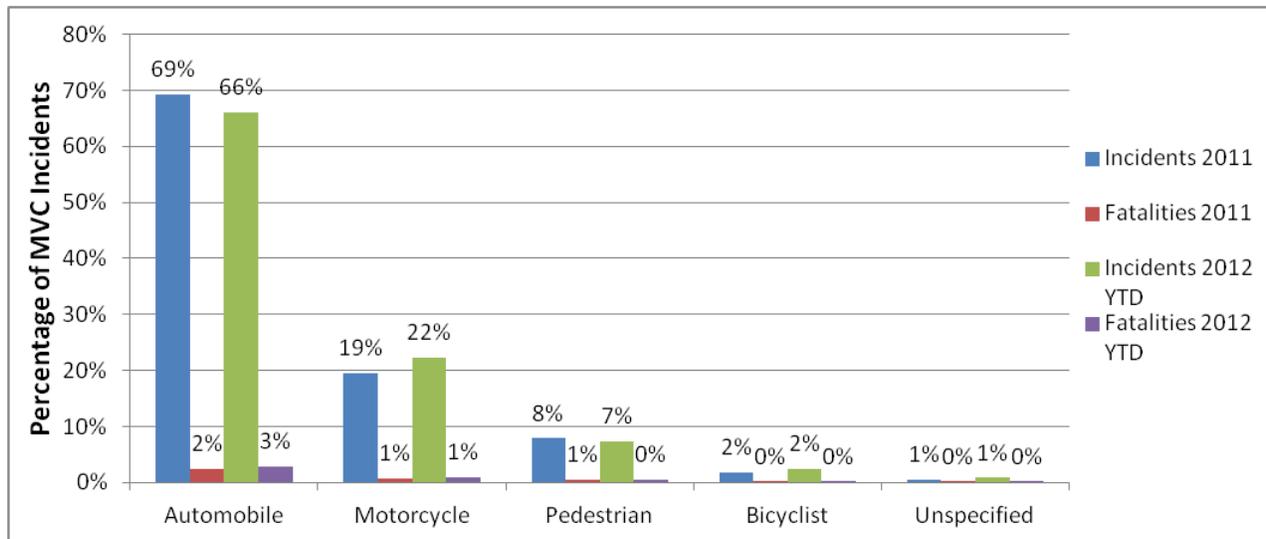
Cause of Injury (COI)



COI - Motor Vehicle Collision (MVC)



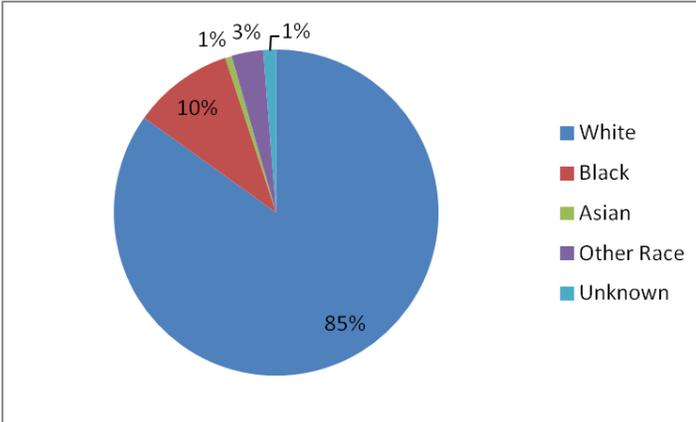
COI - MVC Incidents vs. Fatalities



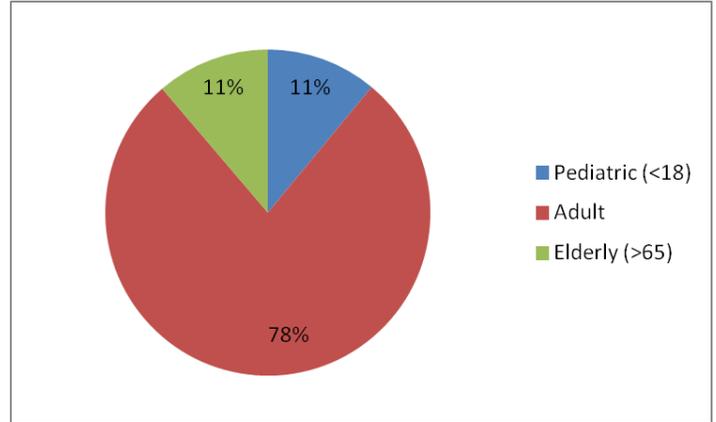
Jan. 2012 to Dec. 2012
3372 Incidents

8 Trauma Centers
25 (Non-Trauma) Hospitals
33 Total Hospitals Reporting

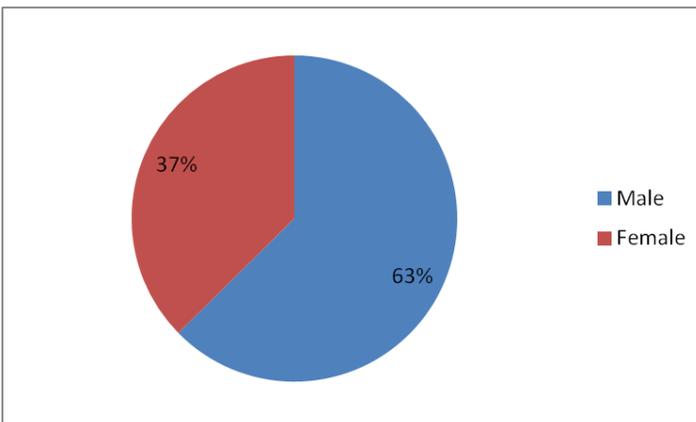
Race



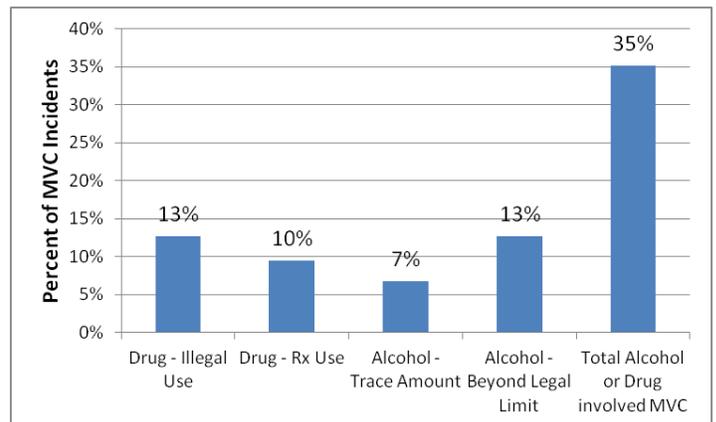
Age



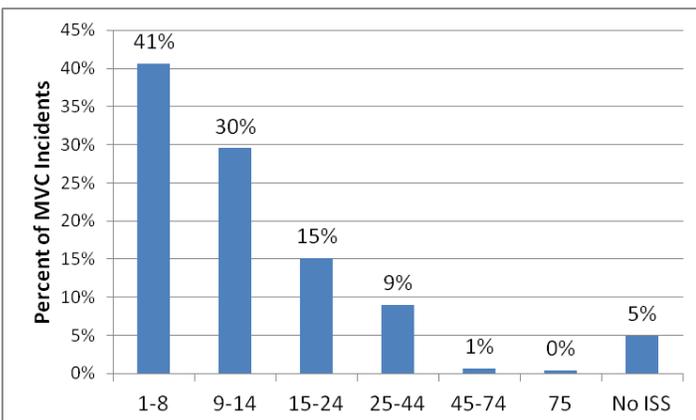
Gender



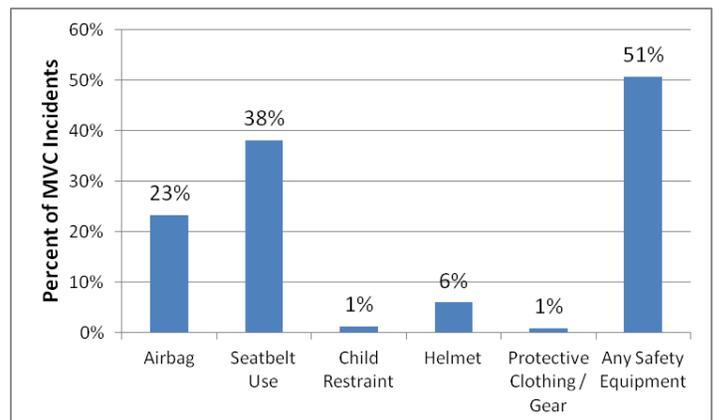
Drug & Alcohol Use



Injury Severity Score



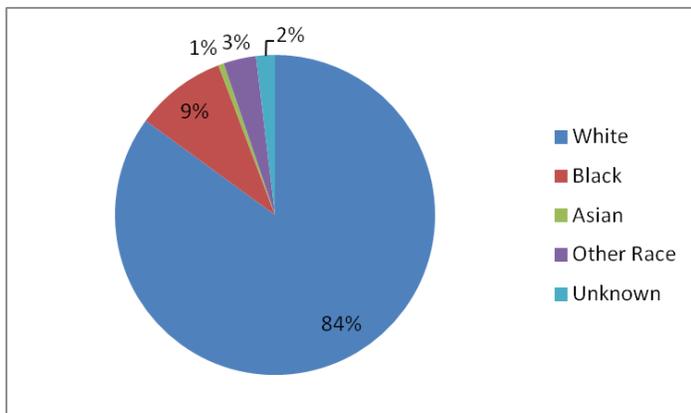
Protective Devices



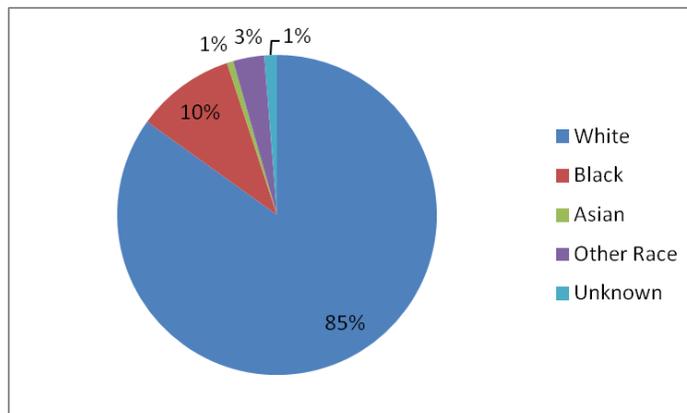
Injury Severity Score (ISS) is a measure of how bad the injury is. Scores over 15 are considered major trauma. A score of 75 is considered not survivable.

Motor Vehicle Collision

2011

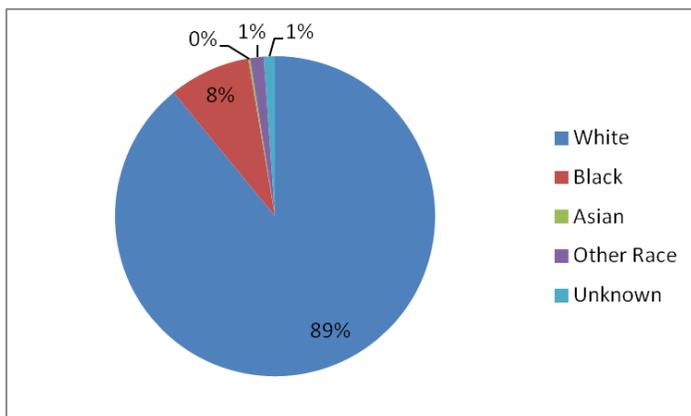


2012 - YTD

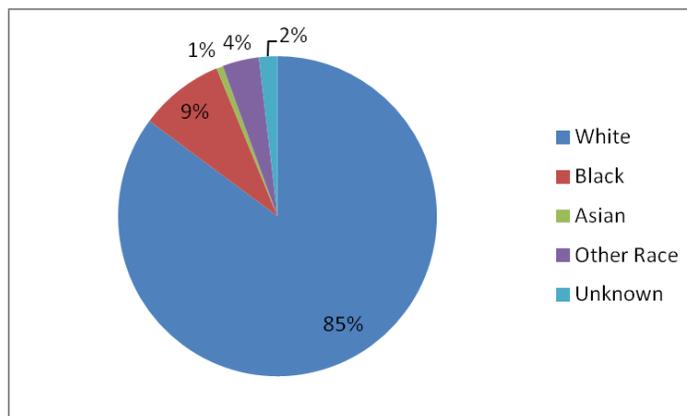


2011 - 2012 (YTD)

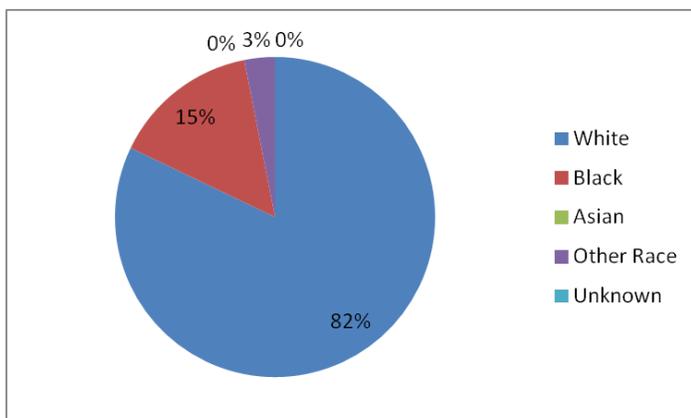
Motorcycle



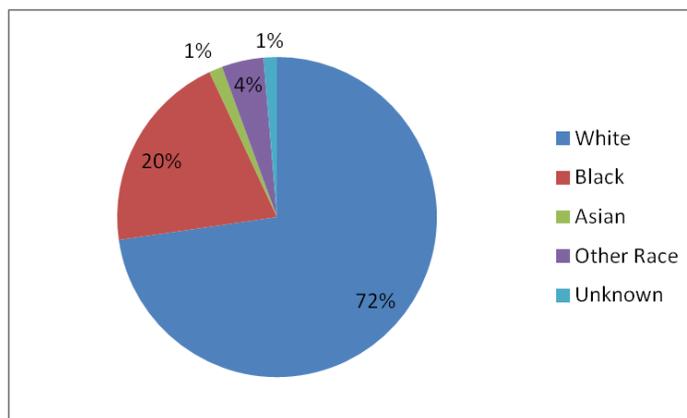
Automobile



Bicyclist

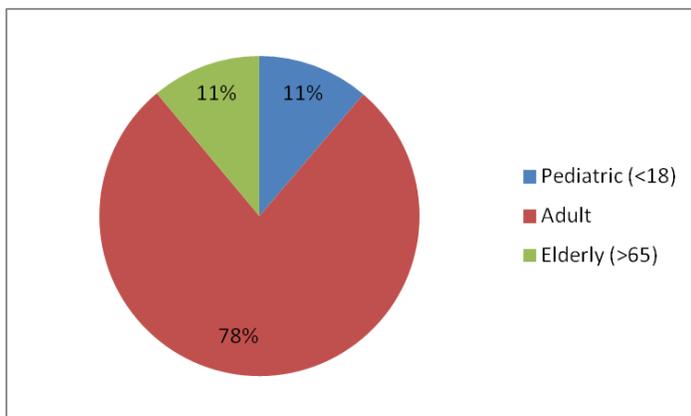


Pedestrian

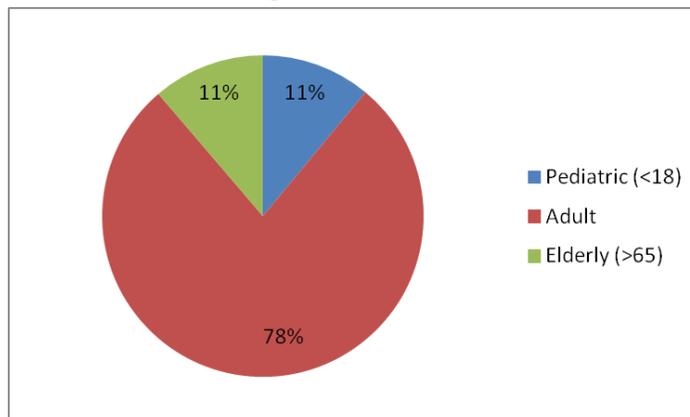


Motor Vehicle Collision

2011

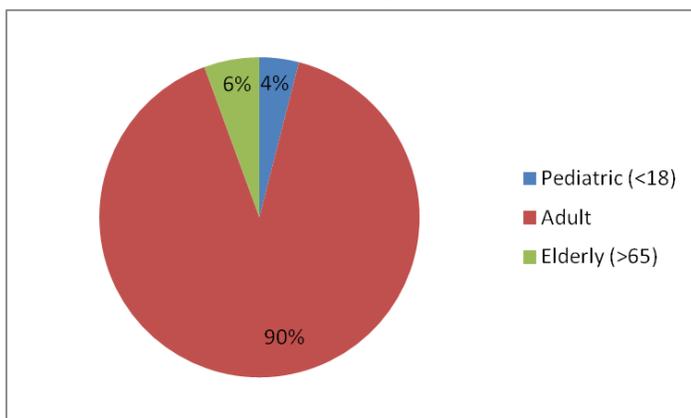


2012 - YTD

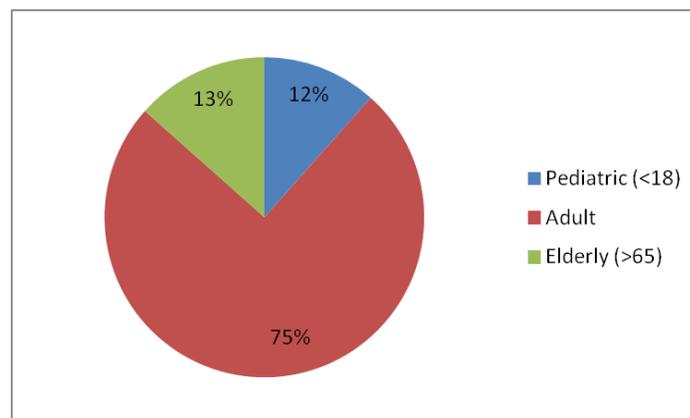


2011 - 2012 (YTD)

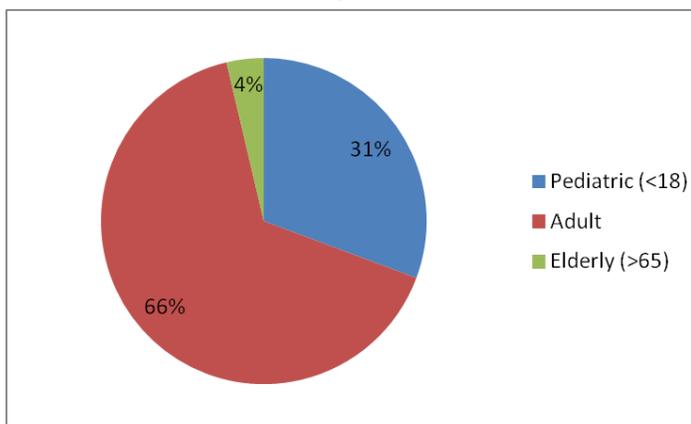
Motorcycle



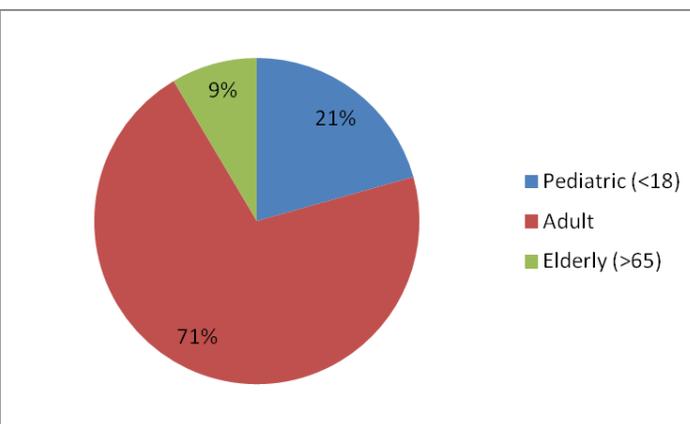
Automobile



Bicyclist

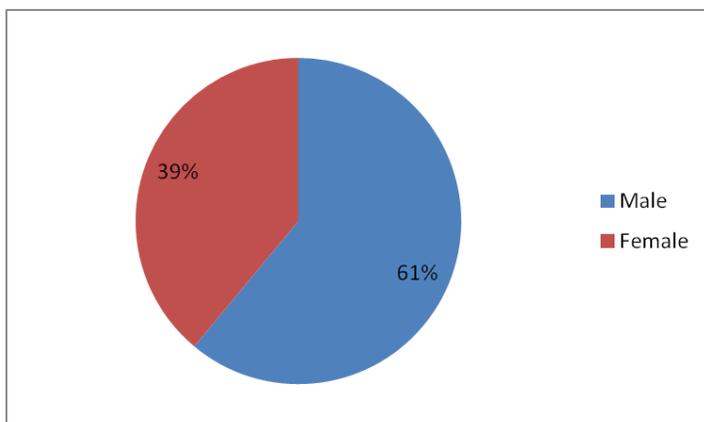


Pedestrian

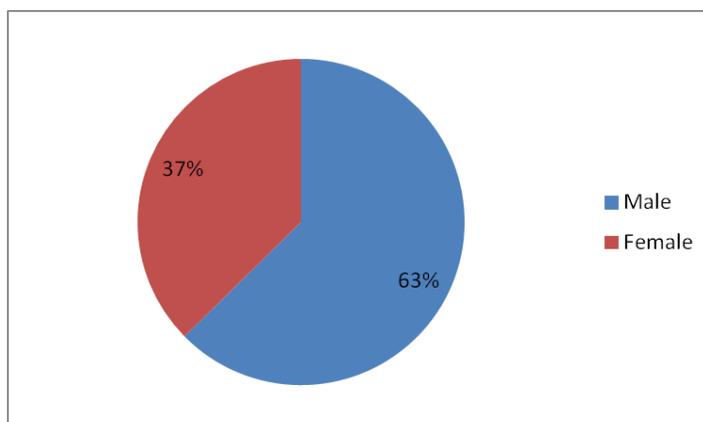


Motor Vehicle Collision

2011

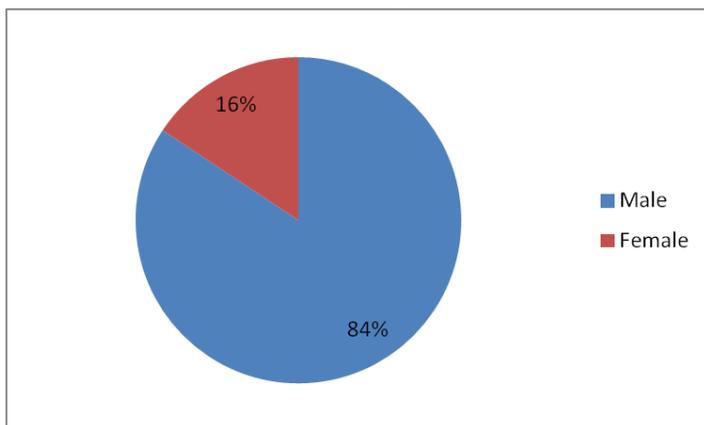


2012 - YTD

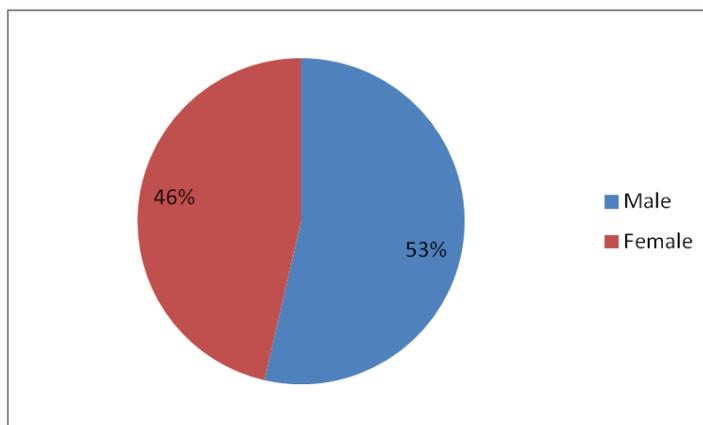


2011 - 2012 (YTD)

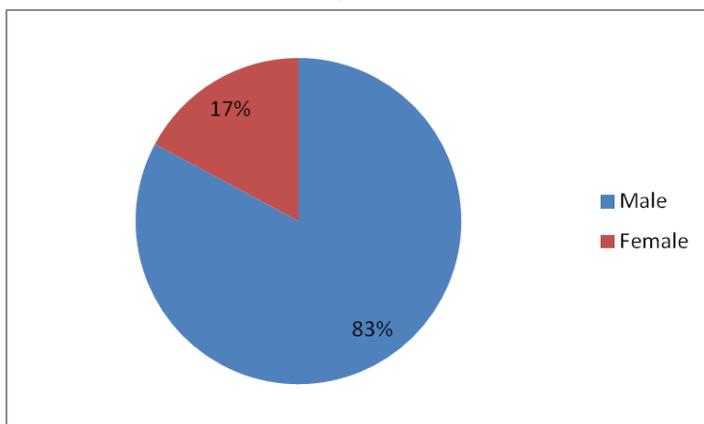
Motorcycle



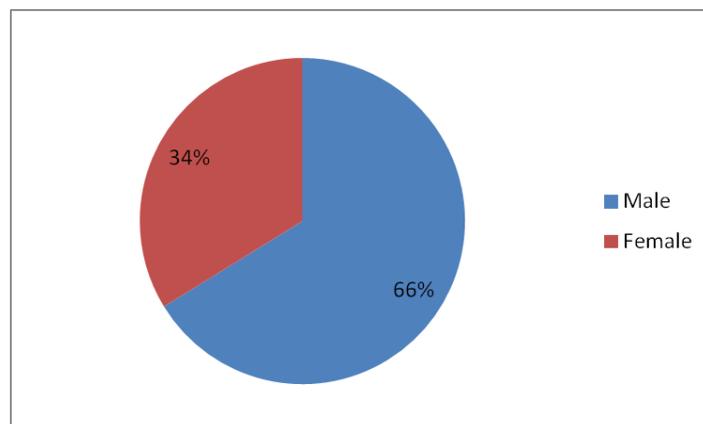
Automobile



Bicyclist

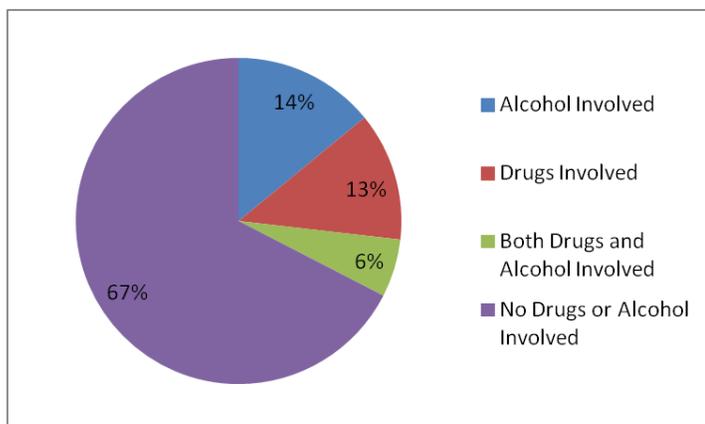


Pedestrian

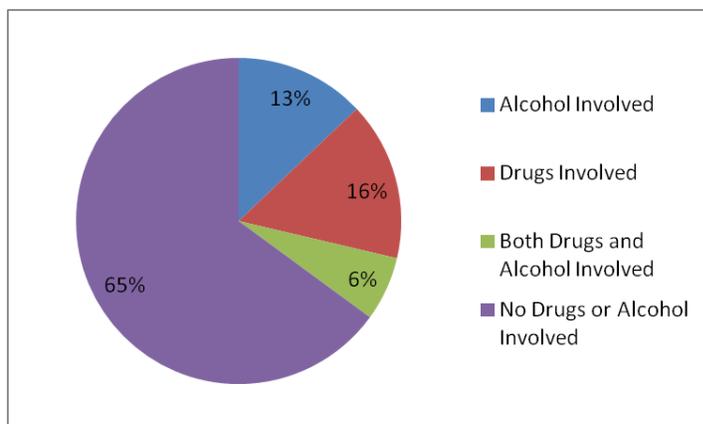


Motor Vehicle Collision

2011

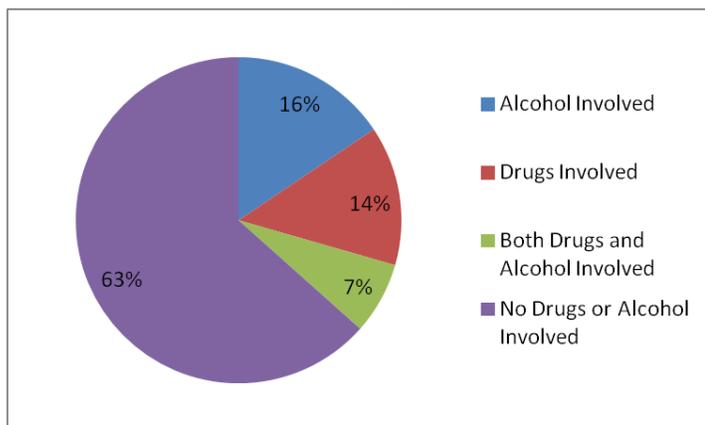


2012 - YTD

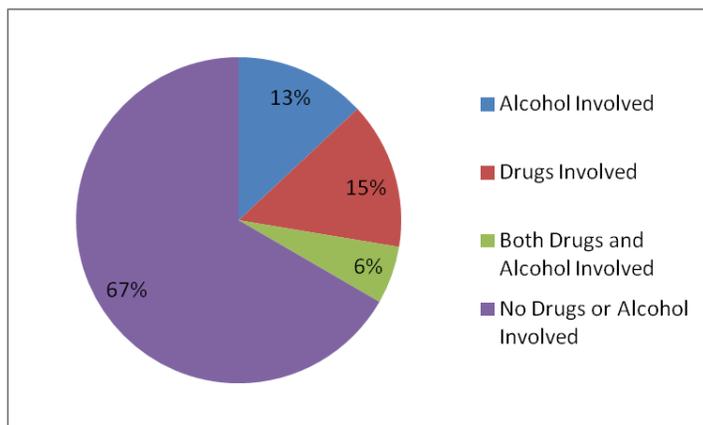


2011 - 2012 (YTD)

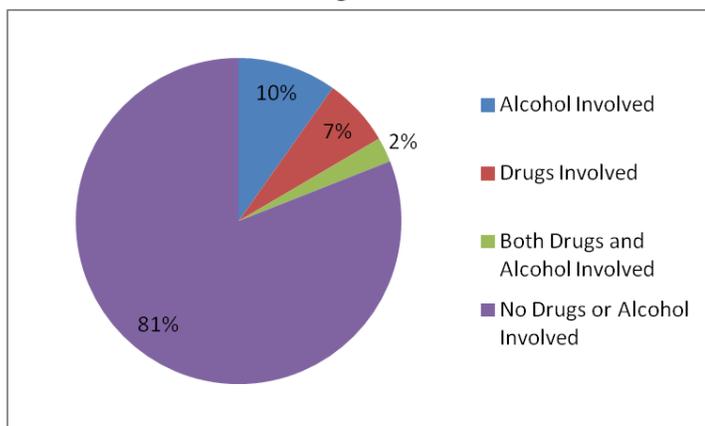
Motorcycle



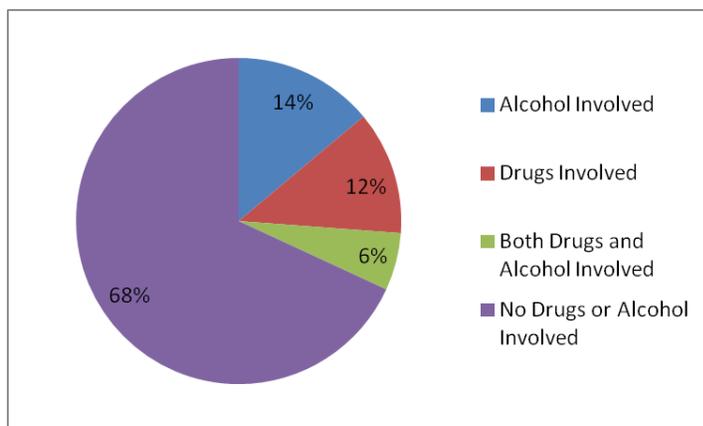
Automobile



Bicyclist

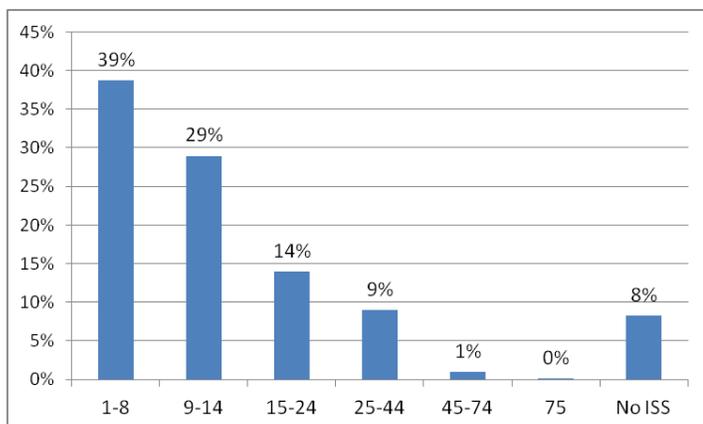


Pedestrian

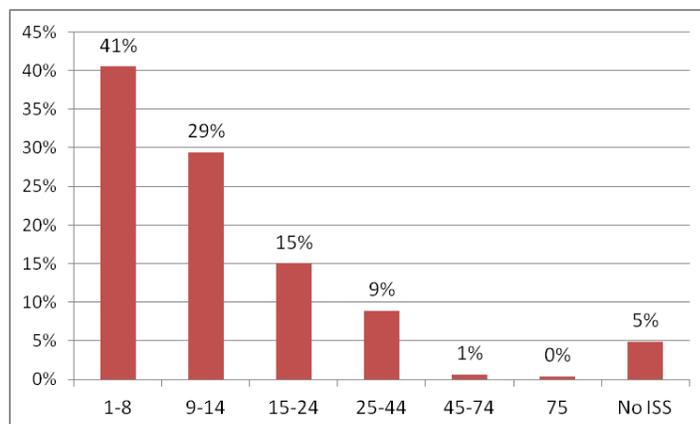


Motor Vehicle Collision

2011

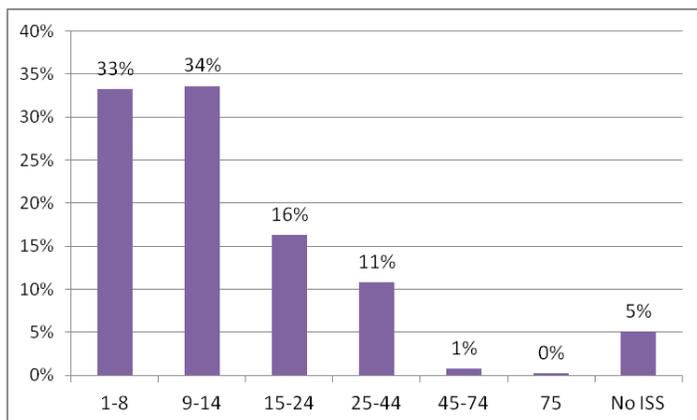


2012 - YTD

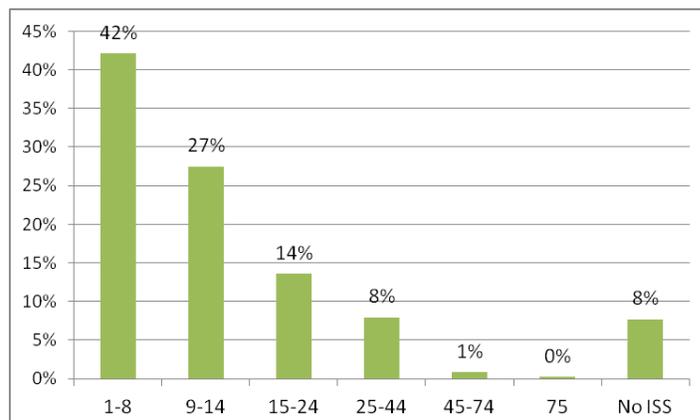


2011 - 2012 (YTD)

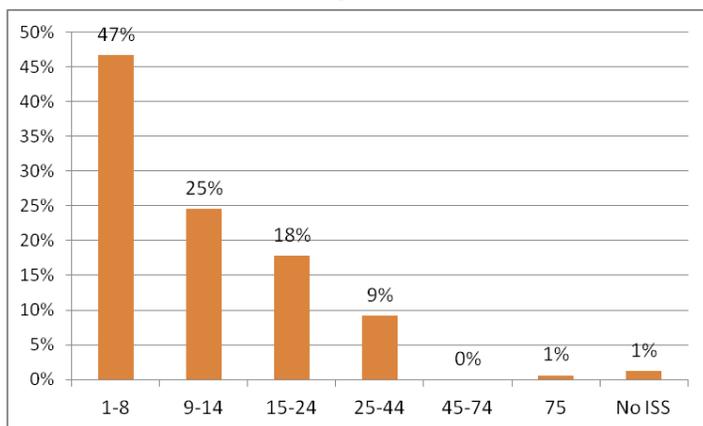
Motorcycle



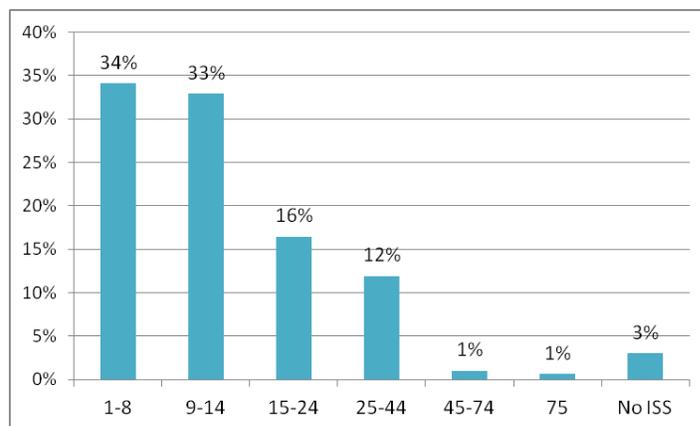
Automobile



Bicyclist

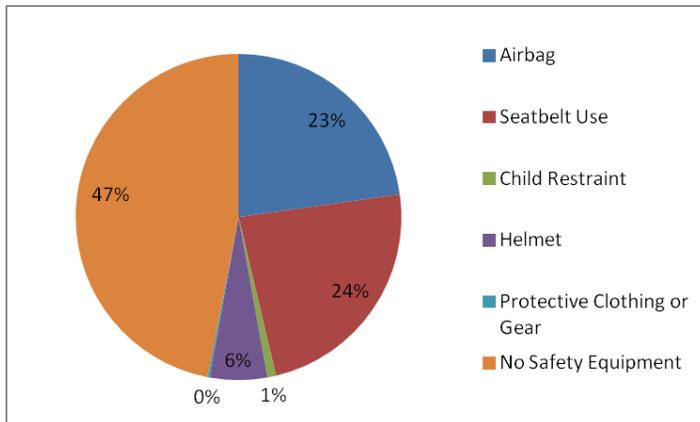


Pedestrian

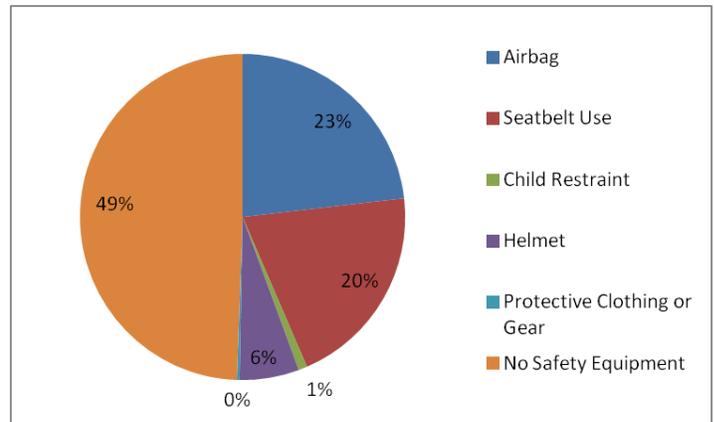


Motor Vehicle Collision

2011

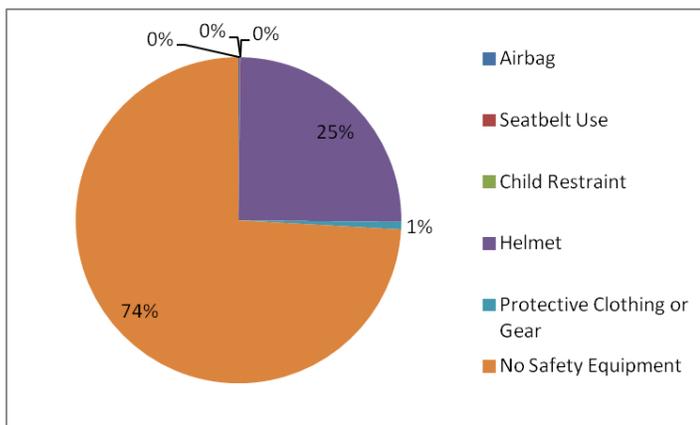


2012 - YTD

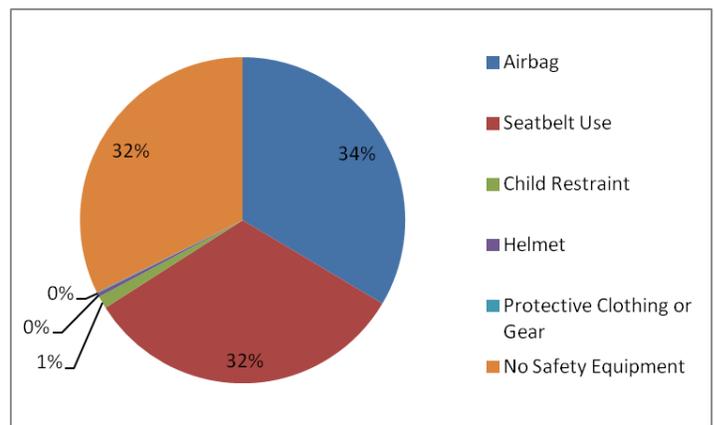


2011 - 2012 (YTD)

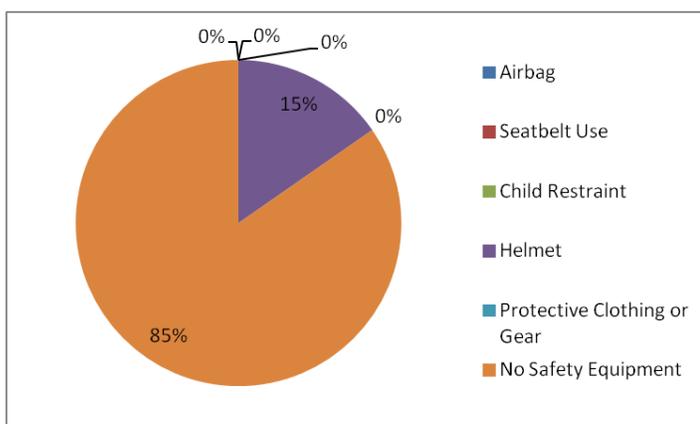
Motorcycle



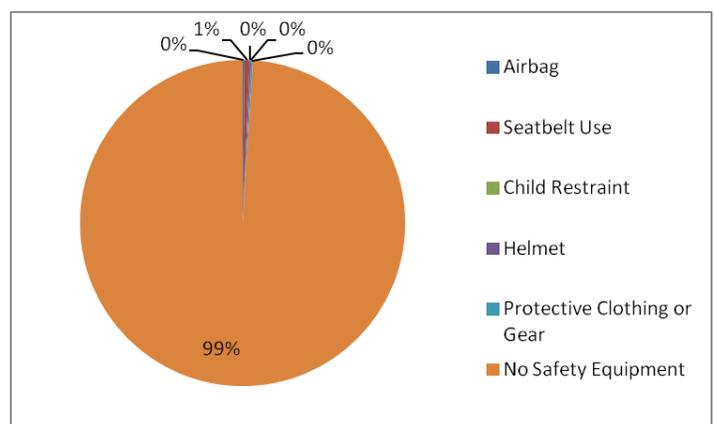
Automobile



Bicyclist



Pedestrian



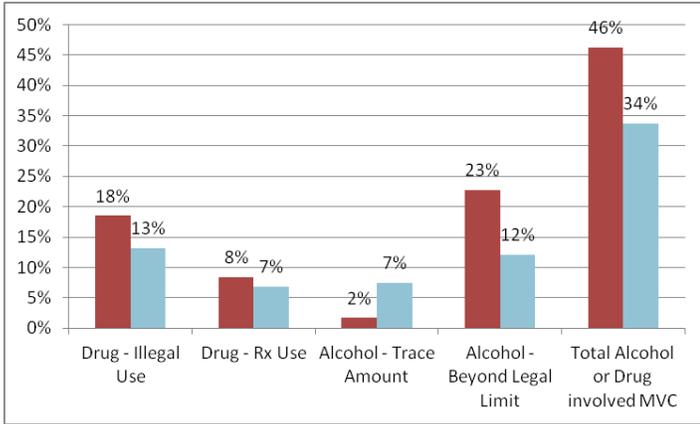
Indiana Trauma Registry

MVC involving Drugs or Alcohol

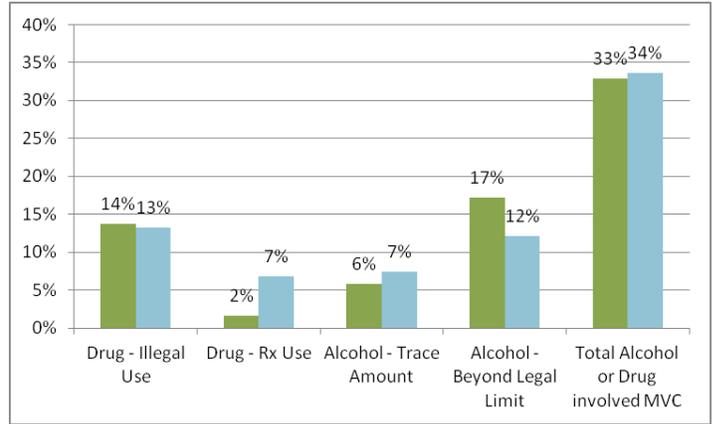
7769 incidents from Jan. 1, 2011 to Dec. 31, 2012
By Public Health Preparedness Districts

■ Indiana Average

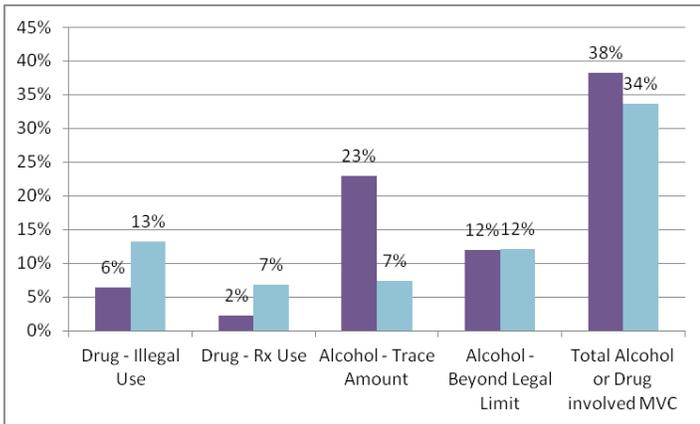
■ District 1 n=119



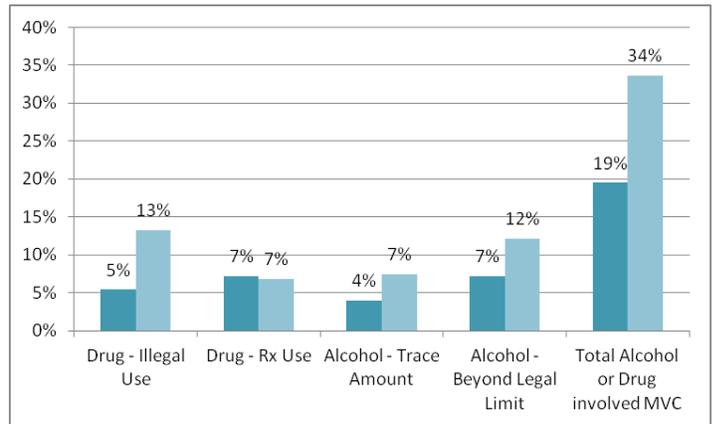
■ District 2 n=495



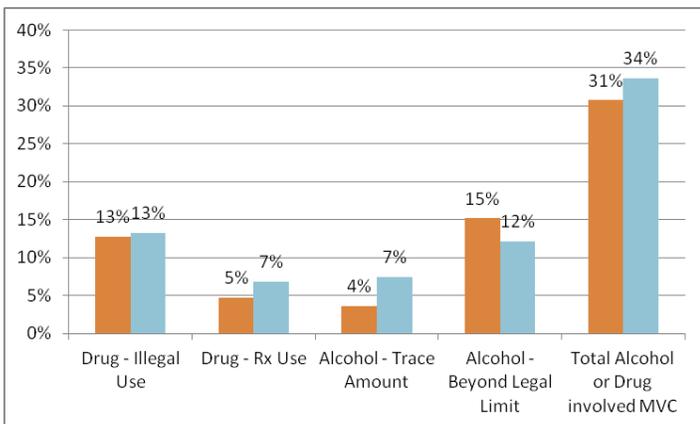
■ District 3 n=958



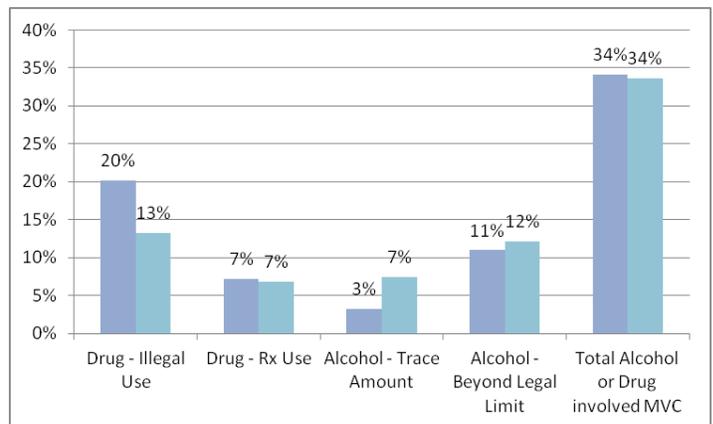
■ District 4 n=277



■ District 5 n=1867



■ District 6 n=401



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

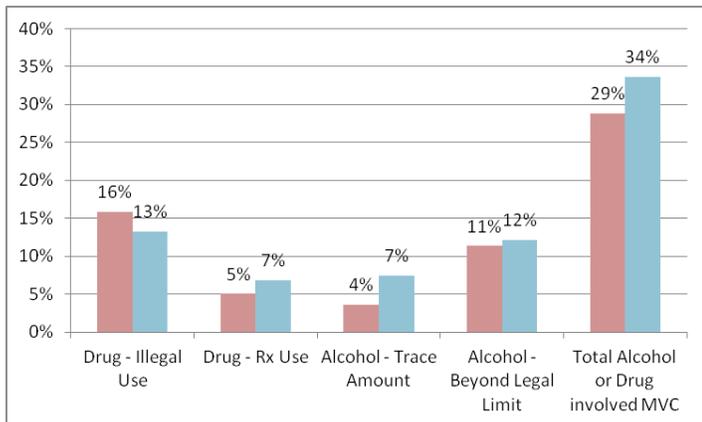
Indiana Trauma Registry

MVC involving Drugs or Alcohol

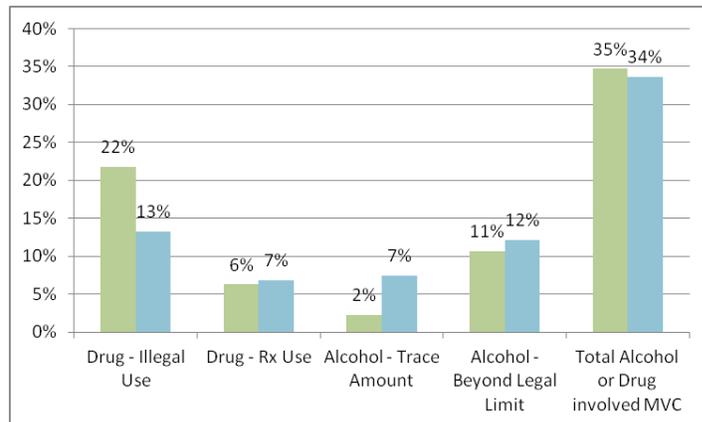
5212 incidents from Jan. 1, 2011 to Dec. 5, 2012
By Public Health Preparedness Districts

Indiana Average

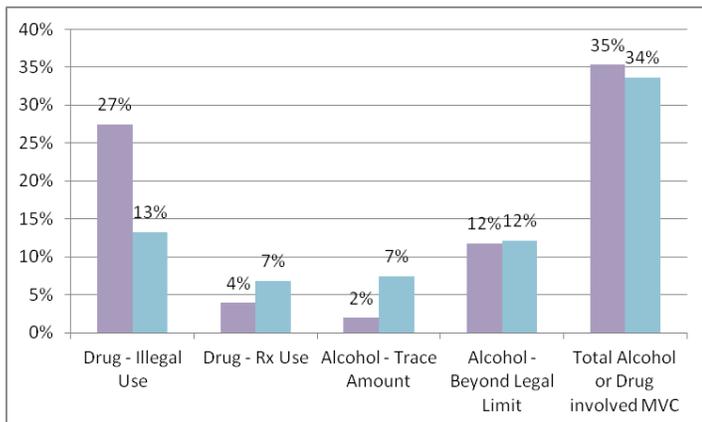
District 7 n=555



District 8 n=271



District 9 n=51



District 10 n=704

