As of December 1st, both Ramzi Nimry (Trauma and Injury Prevention Program Director) and Trinh Dinh (Data Analyst) have been pulled in to help with COVID-19 vaccine efforts.

On December 3, Ramzi Nimry (Trauma and Injury Prevention Program Director) trained Adams Co. on the Indiana Coroner Case Management System.

On December 3, Ramzi Nimry (Trauma and Injury Prevention Program Director) attended the Stroke Consortium of Indiana meeting.

On December 8, Ramzi Nimry (Trauma and Injury Prevention Program Director) trained Wayne Co. on the Indiana Coroner Case Management System.

On December 8, Ramzi Nimry (Trauma and Injury Prevention Program Director) trained Noble Co. on the Indiana Coroner Case Management System.

On December 9, Ramzi Nimry (Trauma and Injury Prevention Program Director) trained Boone Co. on the Indiana Coroner Case Management System.

On December 30, Ramzi Nimry (Trauma and Injury Prevention Program Director) attended an emergency EMS Commission meeting regarding COVID-19 vaccine.

**Indiana Department of Health**

Division of
Trauma & Injury Prevention

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 four data quality measures for the ICJI grant: completeness, timeliness, uniformity, integration and accessibility. This report uses data within the ITR, with an emphasis on motor vehicle collisions (MVC).

Completeness

The Hospital Discharge database, also maintained by the IDOH, 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. The hospital discharge database is 76% complete.

2015-2020 Indiana Trauma Registry
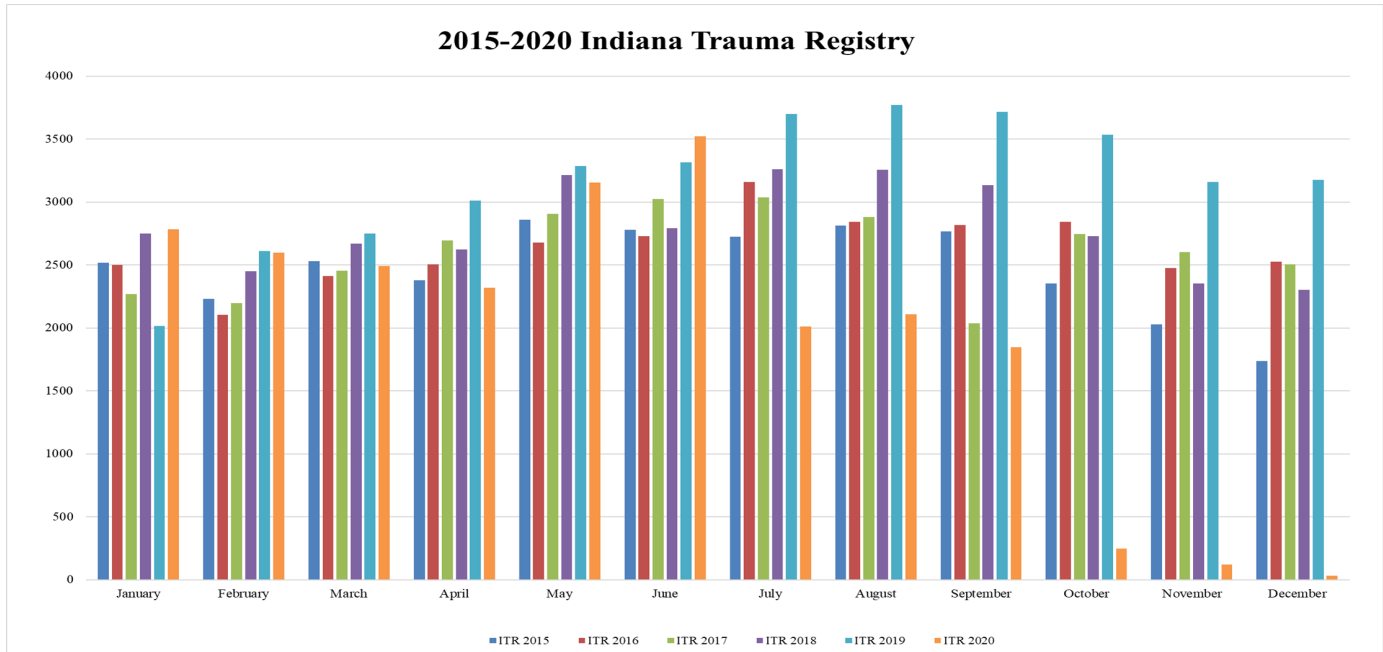
Timeliness

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 average timeliness in the past year was 118 days.

Timeliness for 2020 (In Days)

Average # days from date incident reported to date reported to ITR
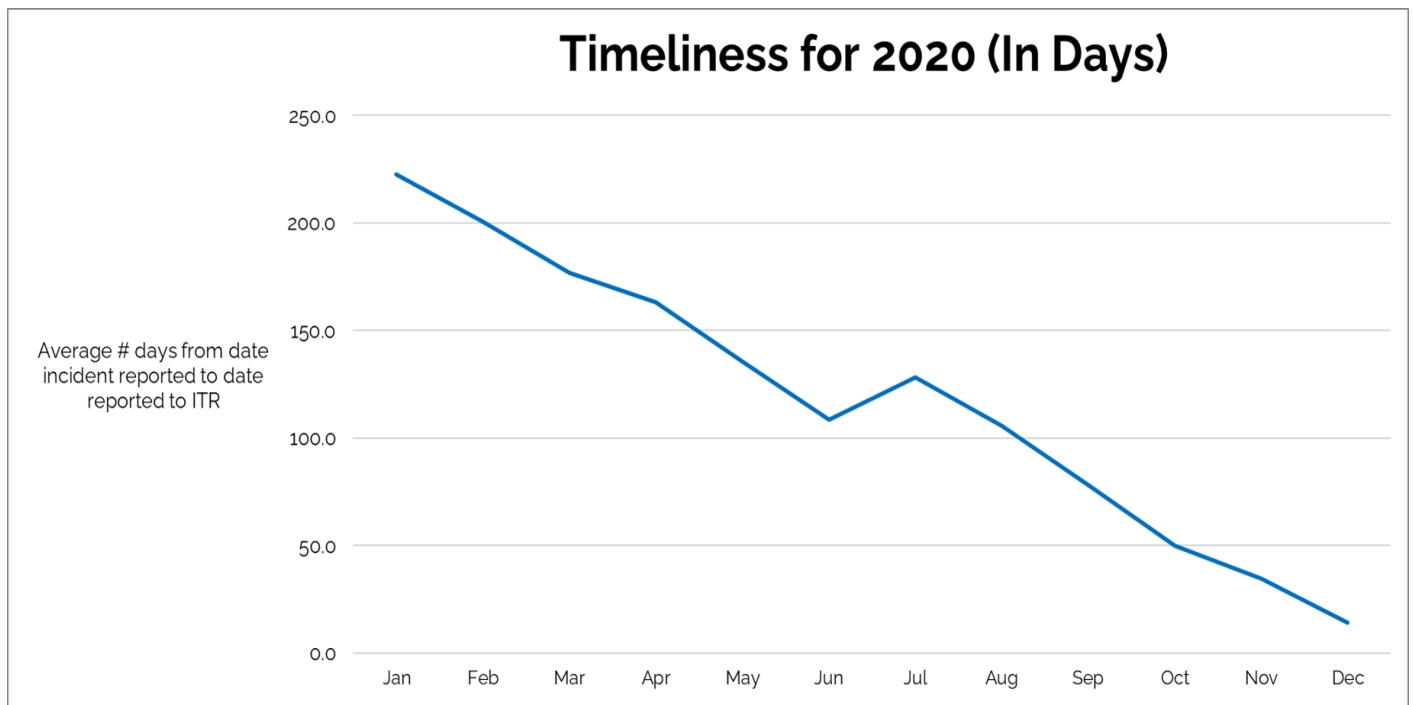
Uniformity

In December, there were 29 participants from 24 (19% of hospitals with EDs in Indiana) hospitals who completed the quiz. The percent correct was 70% and the free-marginal kappa was 0.48.
Activities to improve the uniformity of data include trauma registrar training throughout the state and at the Indiana Department of Health.

**Percentage of Accurate Answers**

Category	Percentage
1	72%
2	79%
3	90%
4	93%
5	14%
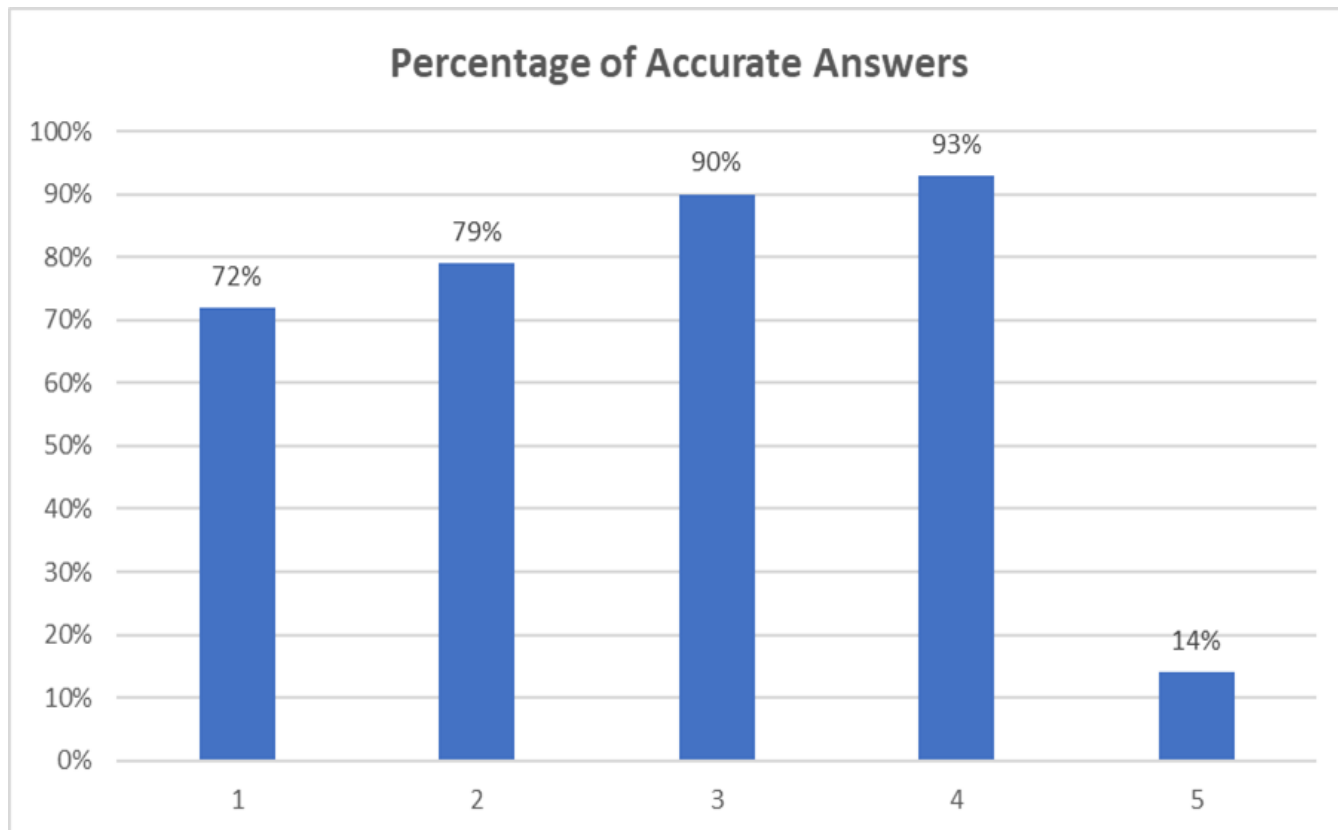
Integration

The number of linked EMS to trauma cases was 1,639 for Q3 2018 data. Trauma data are due on a quarterly basis.

Accessibility

There was no aggregate requests in December. There were no identifiable data requests.

December 2020 Indiana Trauma Registry Report
Overall Cause of Injury (COI)

January 2020 - December 2020:   21407 Incidents
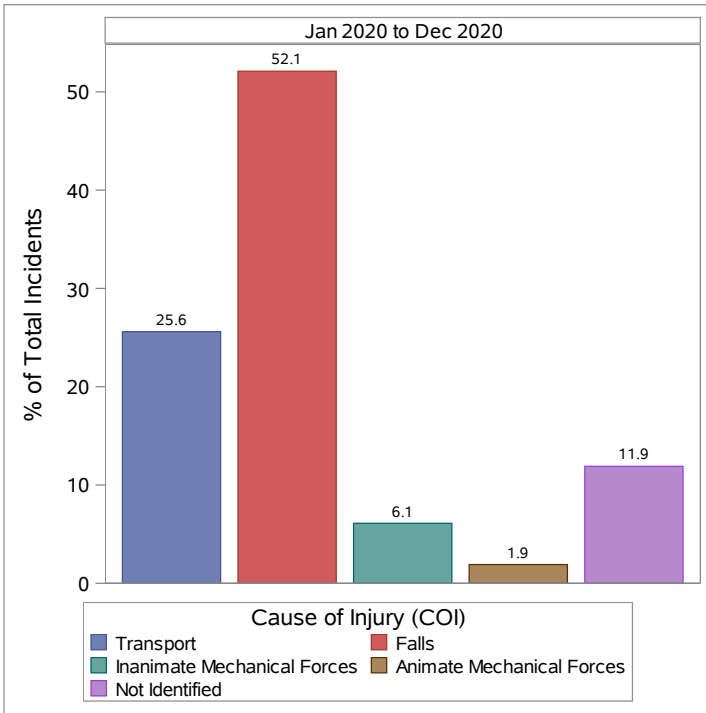
2019:   38748 Incidents
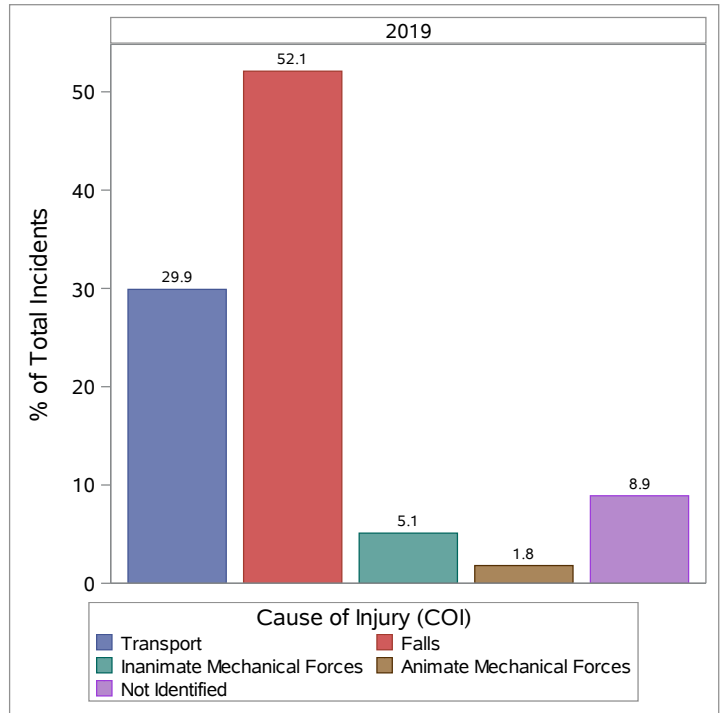
COI-Motor Vehicle Collision (MVC)

January 2020 - December 2020:   4004 Incidents
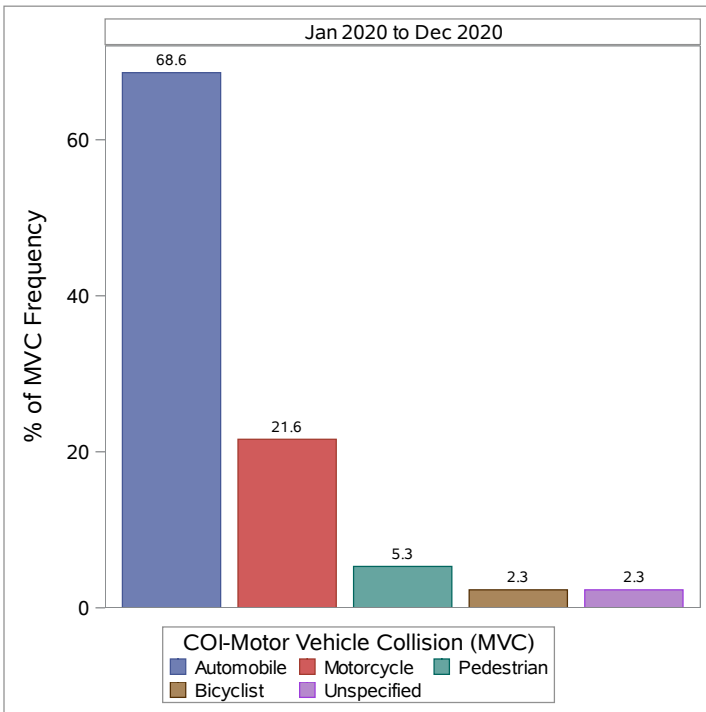
2019:   9263 Incidents
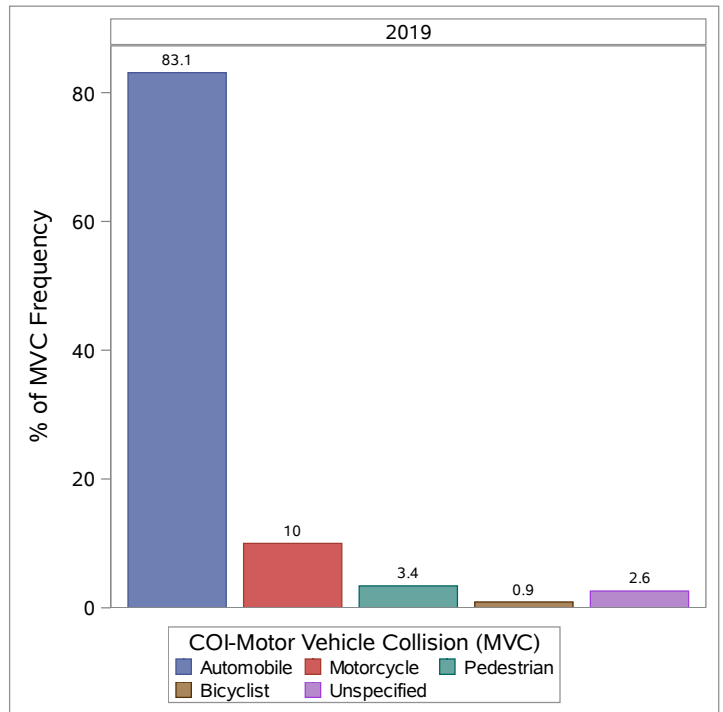
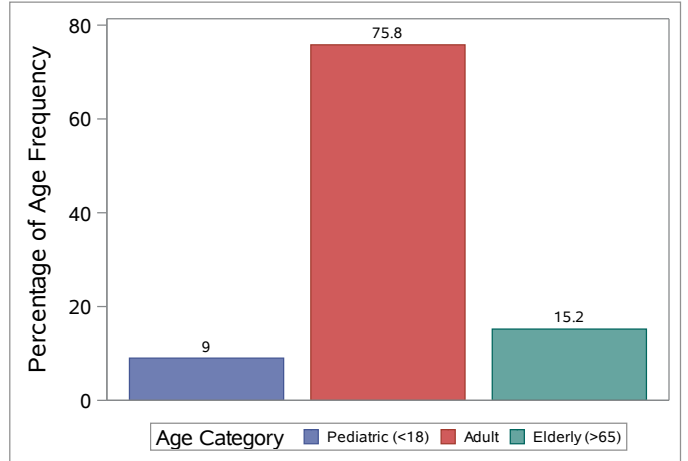# December 2020 Indiana Trauma Registry Report

Motor Vehicle Collision: Nonfatal Incidents and Fatal Incidents

January 2020 - December 2020
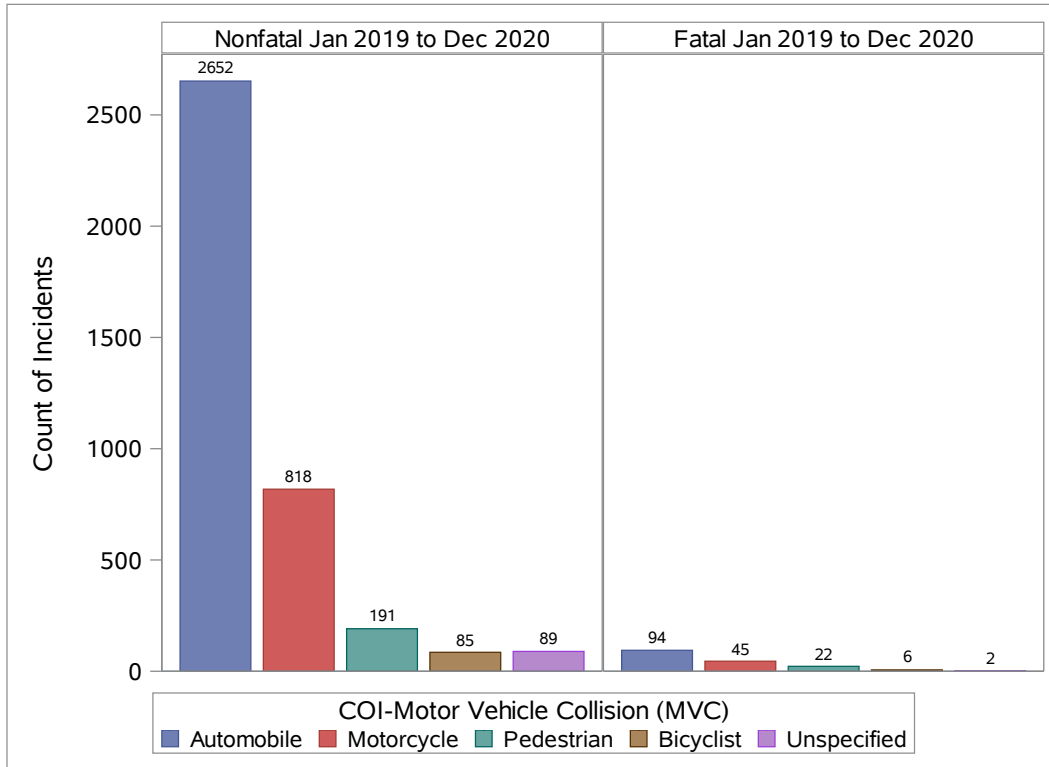
2020
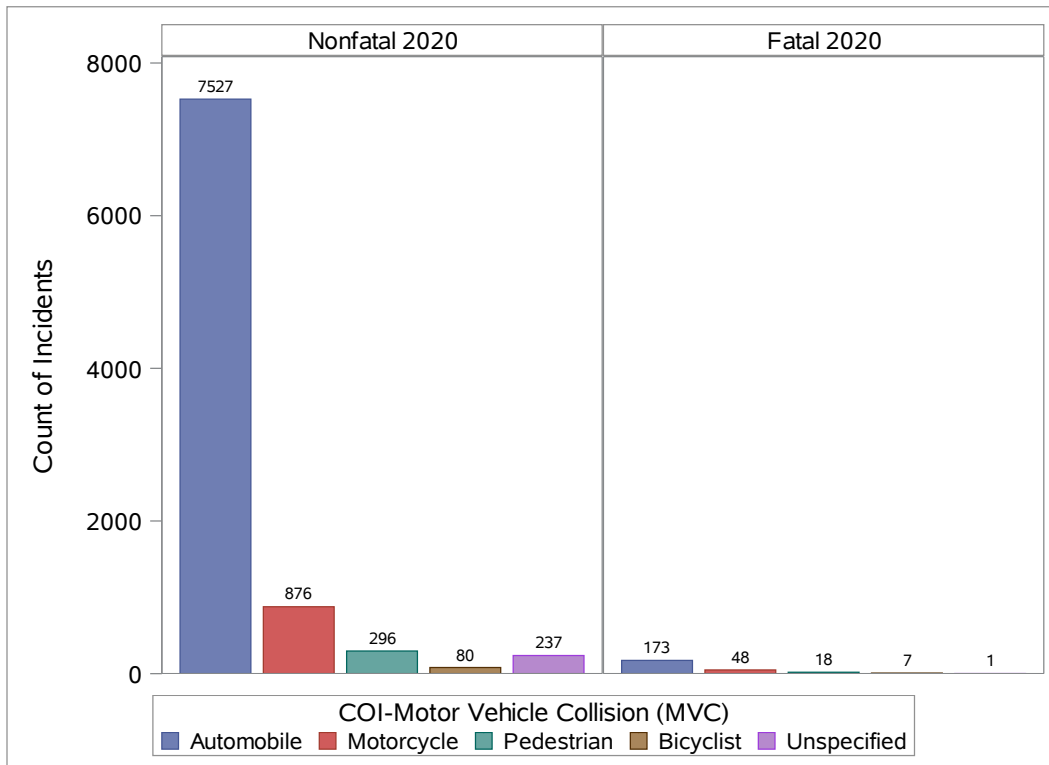
December 2020 Indiana Trauma Registry Report
Overall Motor Vehicle Collisions (MVC) January 2020 - December 2020

Race
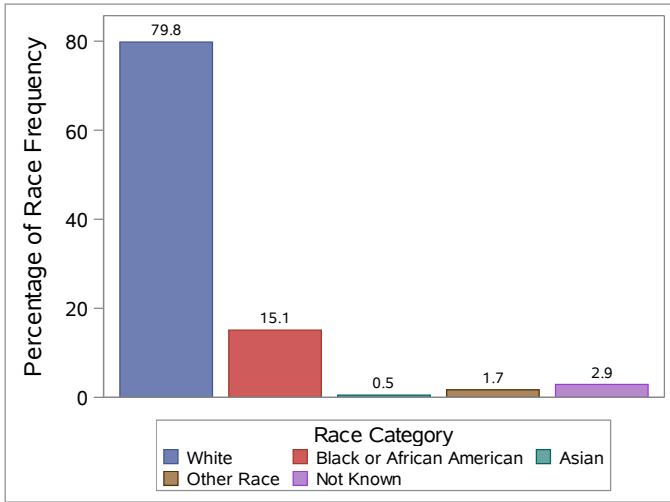
Age
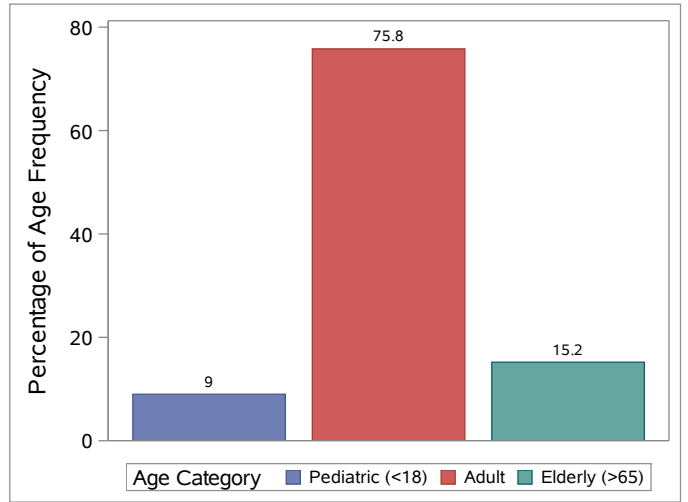
Gender
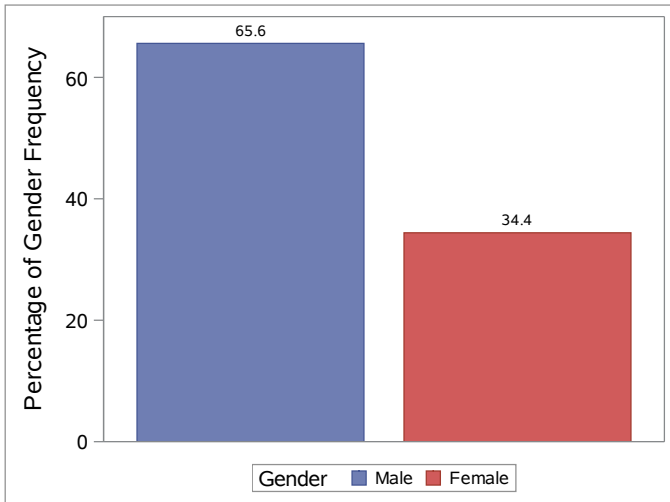
Drug & Alcohol Use
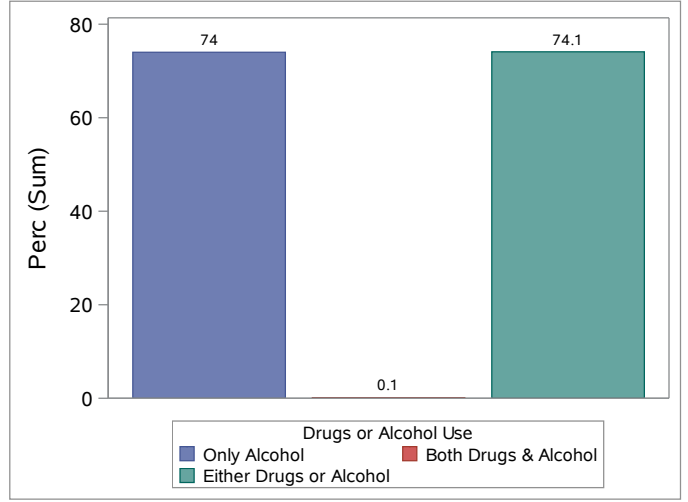
Injury Severity Score
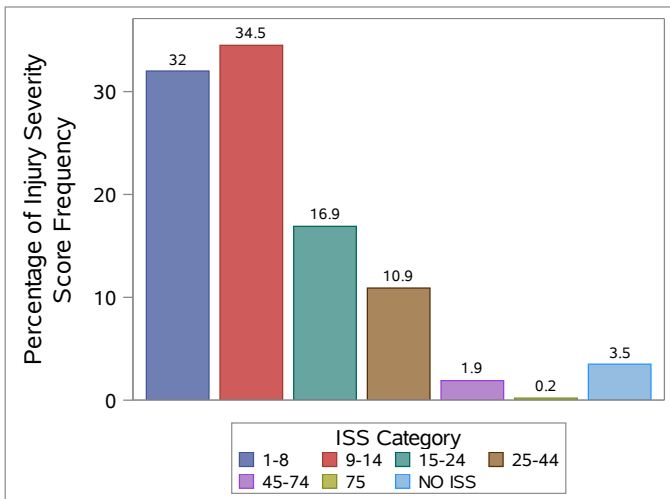
Protective Devices
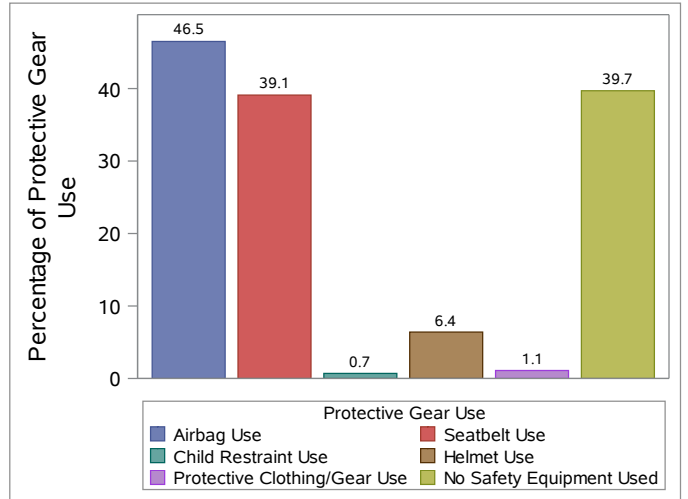
Injury Severity Score (ISS) is a measure of how bad the injury is. Scores over 15 are considered major trauma. A score of 75 is considered not survivable.
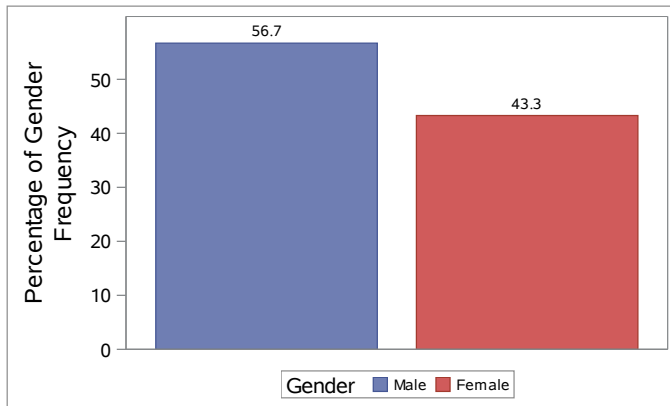
December 2020 Indiana Trauma Registry Report
Motor Vehicle Collisions by Race

2020
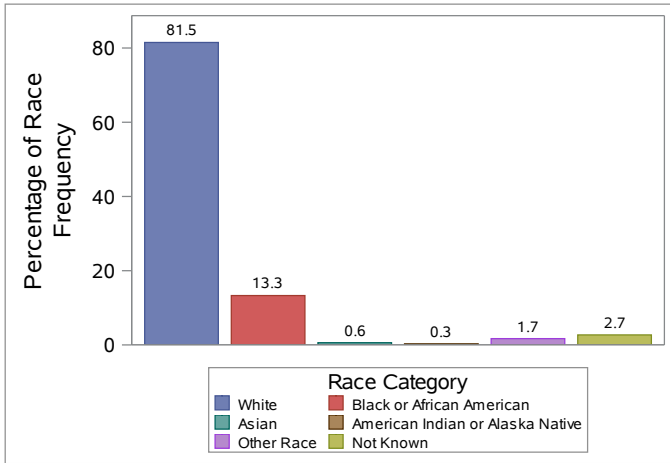
January 2020 - December 2020
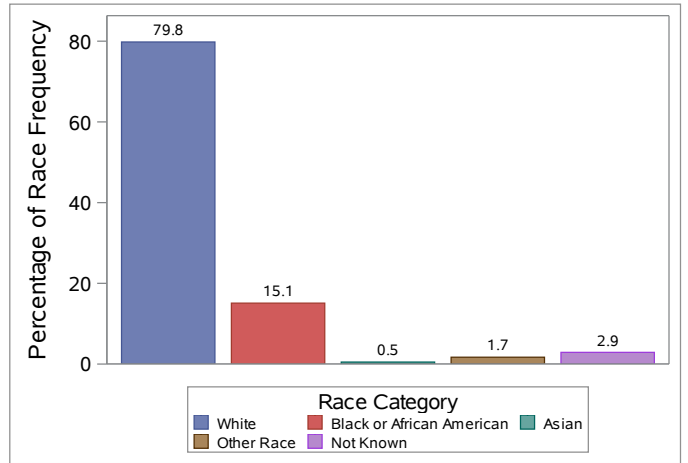
January 2020 - December 2020:   MVC by Collision Type and Race

Motorcycle
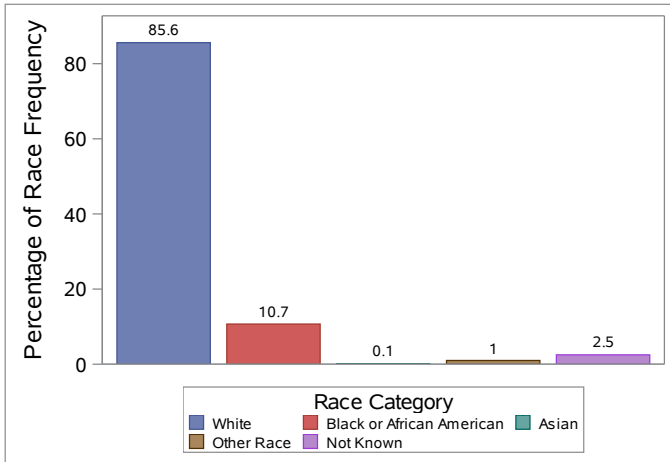
Automobile
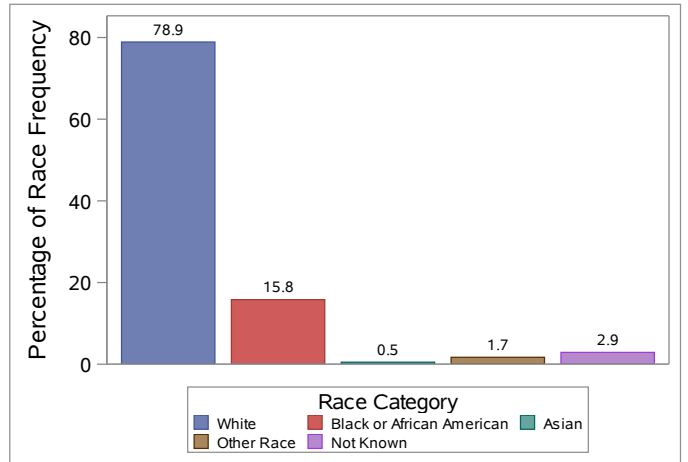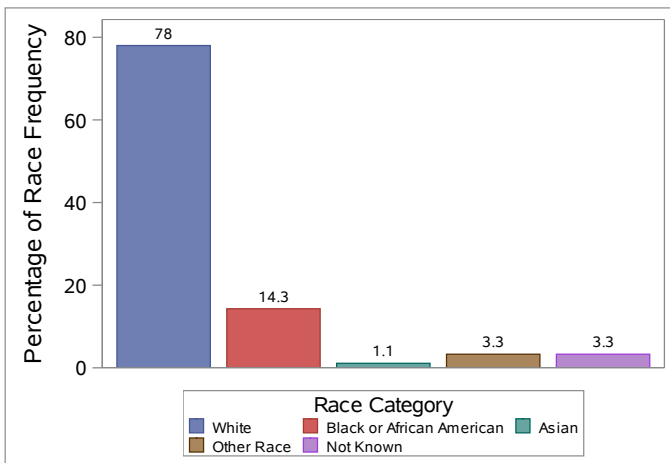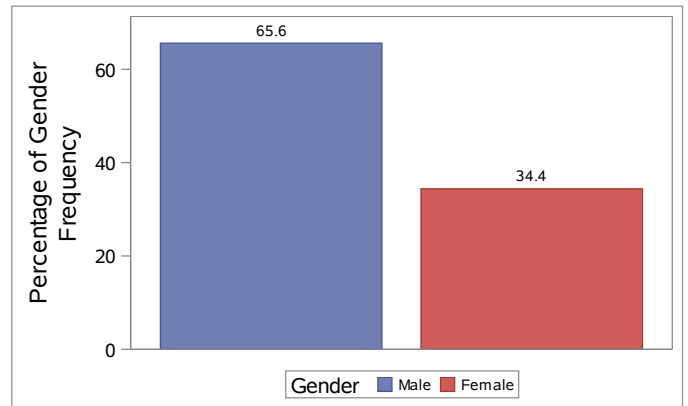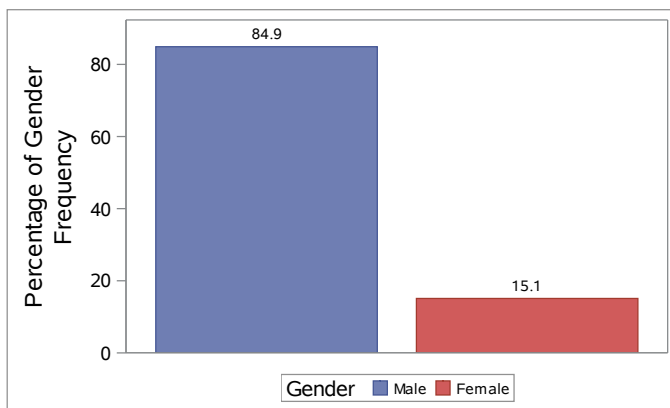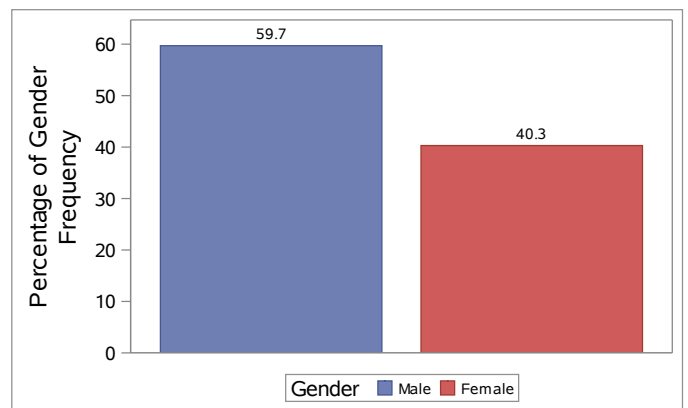
Bicyclist
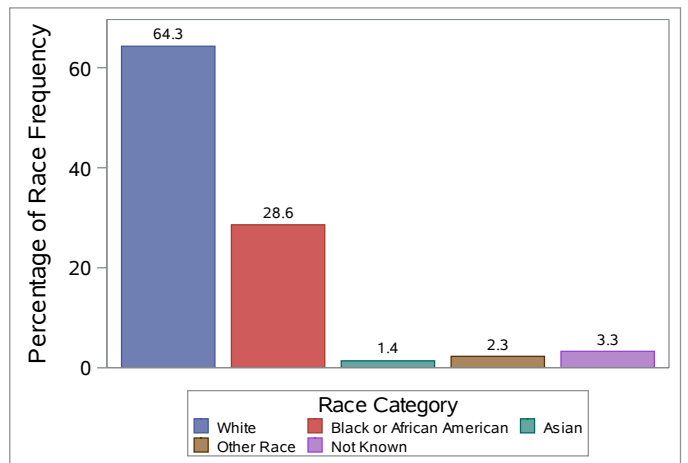
Pedestrian

December 2020 Indiana Trauma Registry Report
Motor Vehicle Collision by Age Category

2020

Race
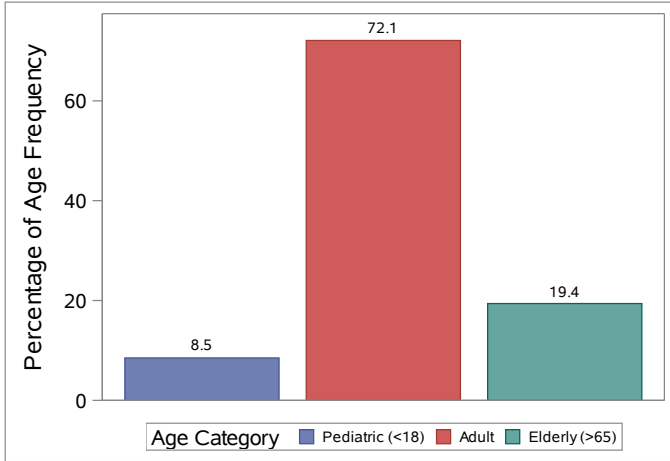
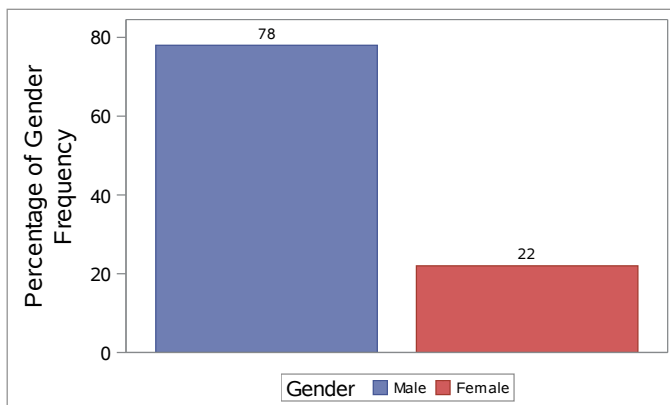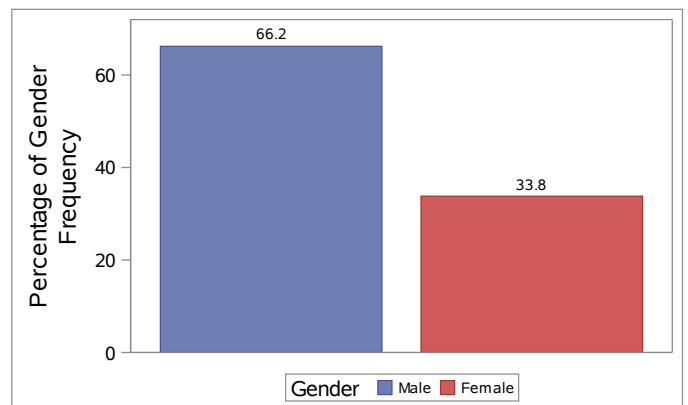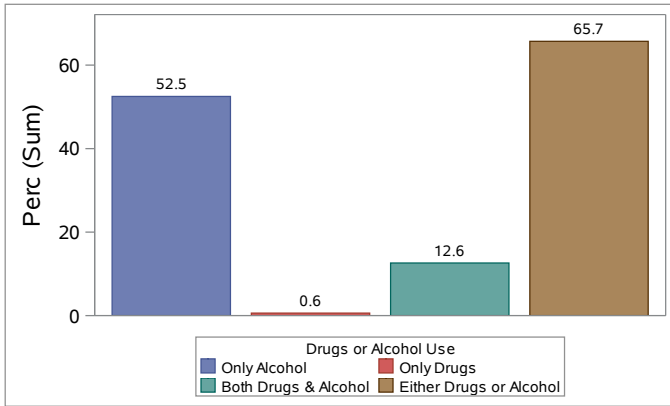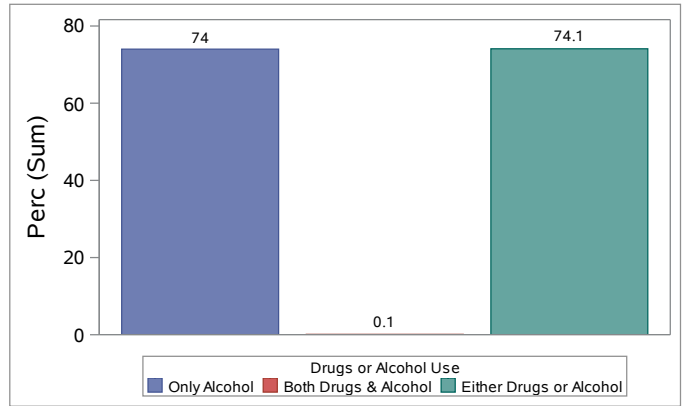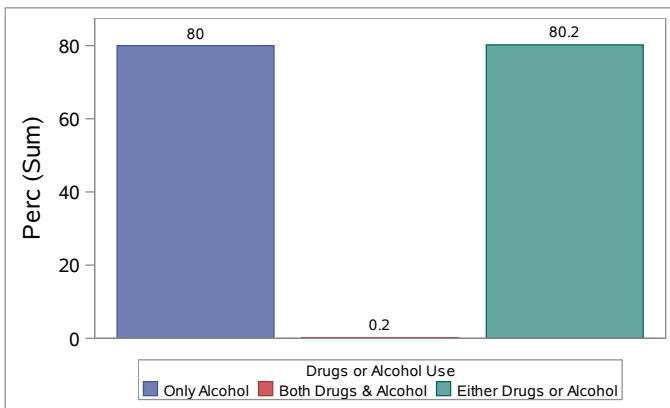## January 2020 - December 2020:   MVC by Collision Type and Age Category

Motorcycle

Automobile
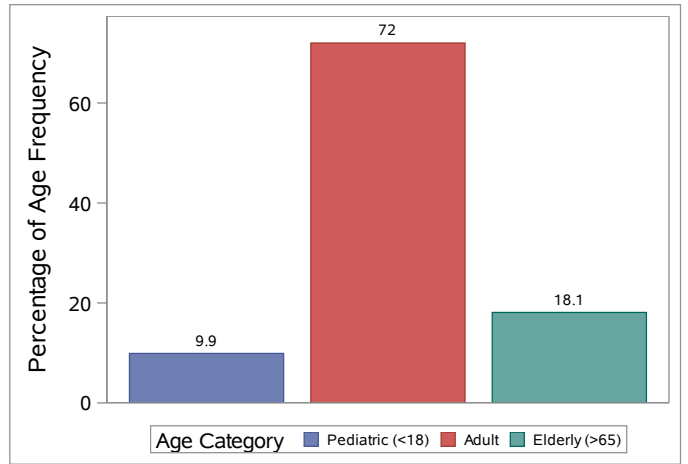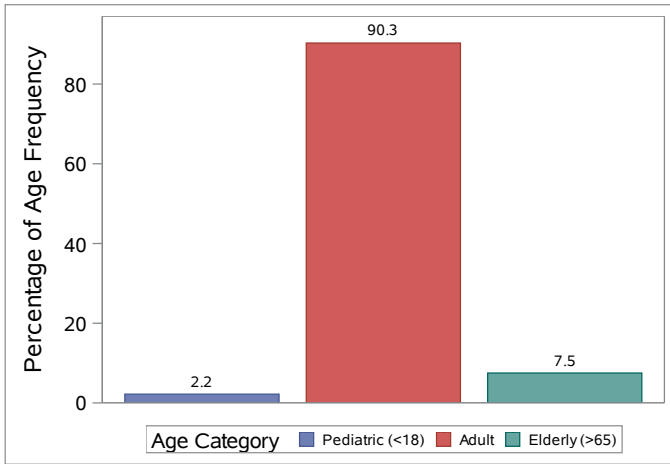
Bicyclist
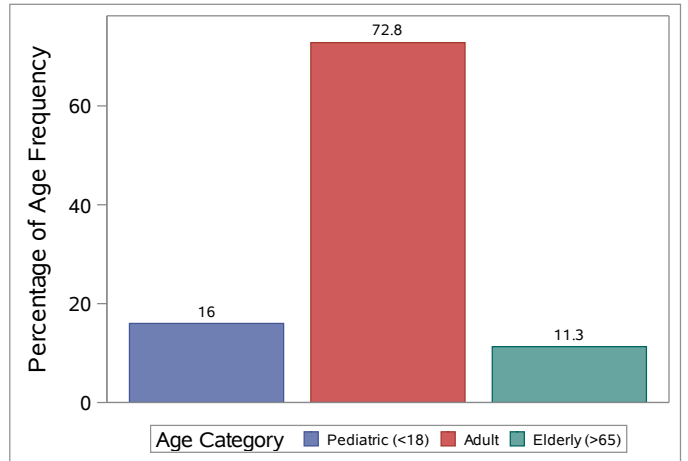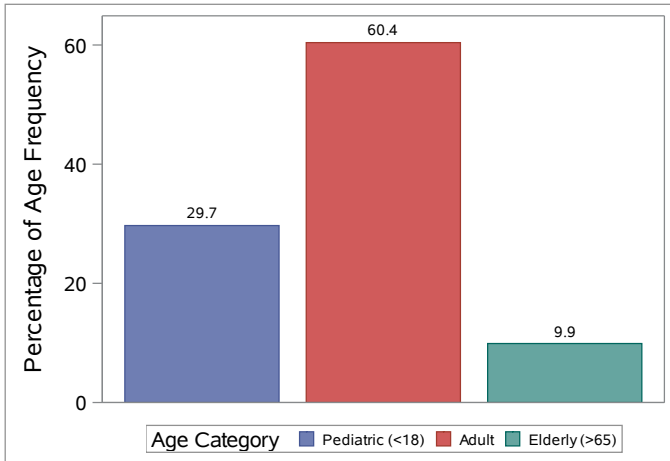
Pedestrian

December 2020 Indiana Trauma Registry Report
Motor Vehicle Collision by Gender

2020

Race

January 2020 - December 2020: MVC by Collision Type and Gender

Motorcycle

Automobile

Bicyclist

Pedestrian

December 2020 Indiana Trauma Registry Report
Motor Vehicle Collision by Drug & Alcohol Use
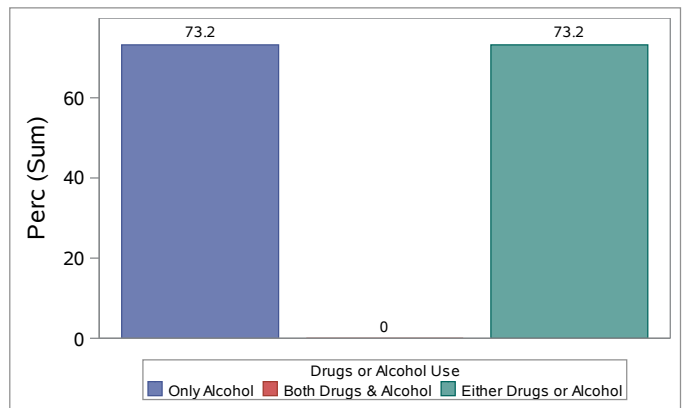
2020

January 2020 - December 2020

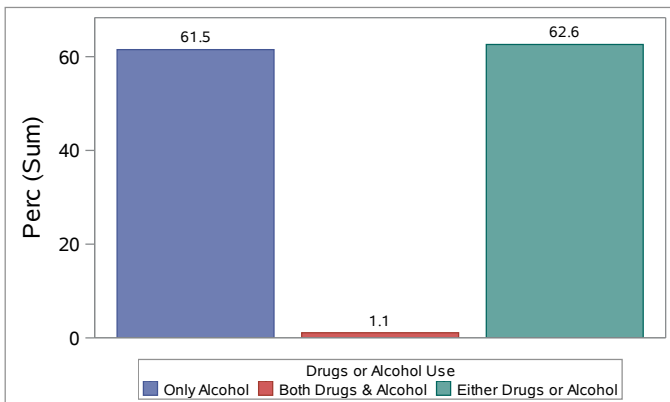## January 2020 - December 2020: MVC by Collision Type and Drug & Alcohol Use
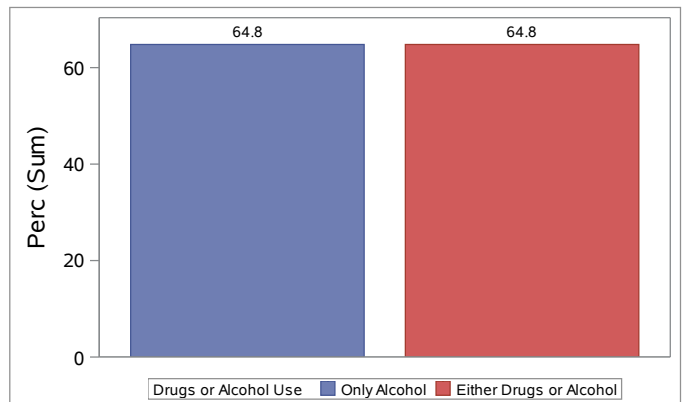
Motorcycle

Automobile
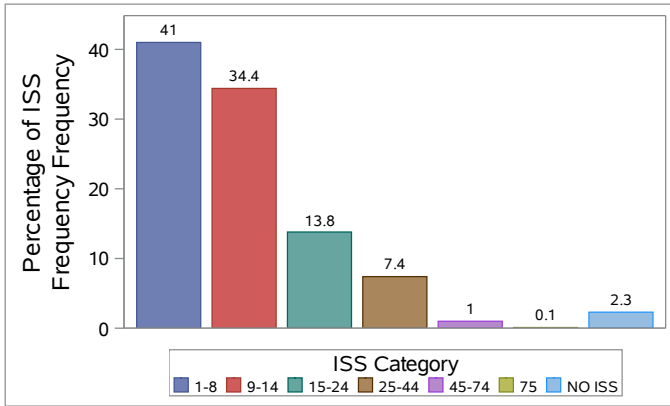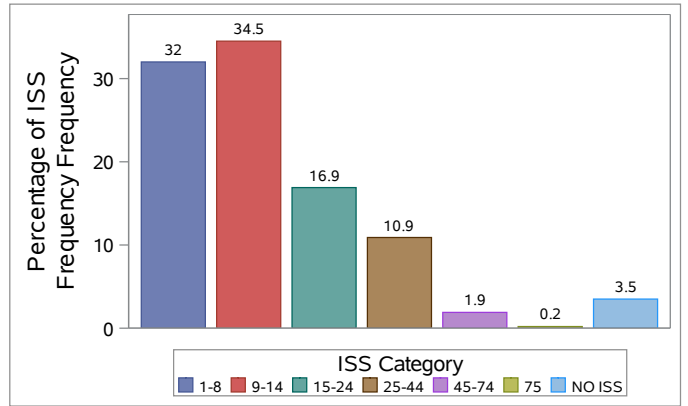

Bicyclist

Pedestrian

December 2020 Indiana Trauma Registry Report
Motor Vehicle Collision by Injury Severity Score

2019

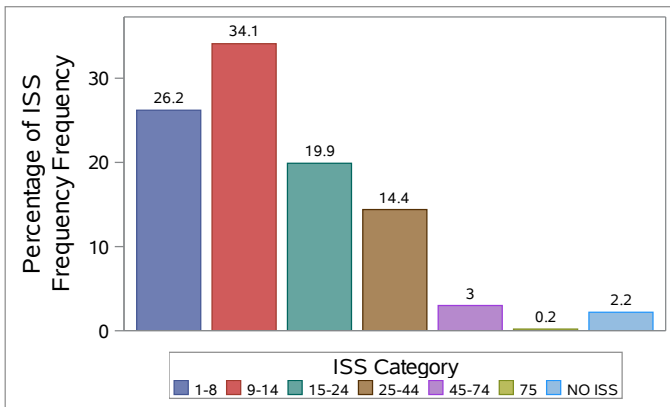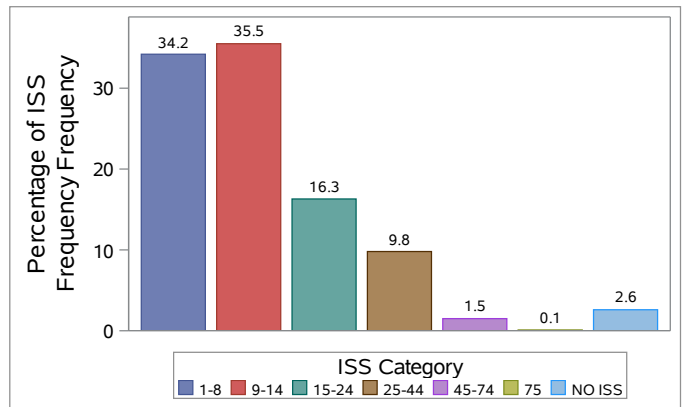### January 2020 - December 2020

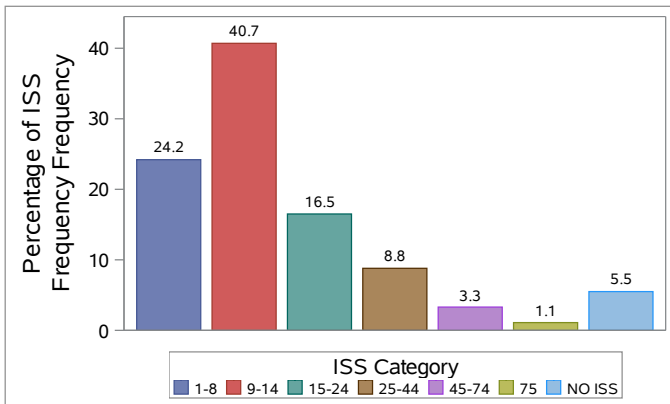## January 2020 - December 2020: MVC by Collision Type and ISS Score

Motorcycle
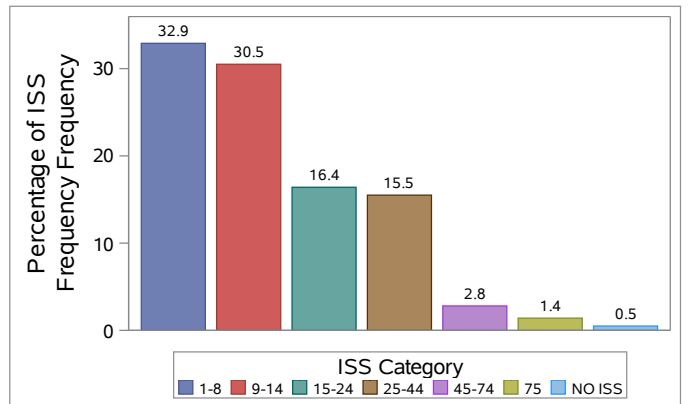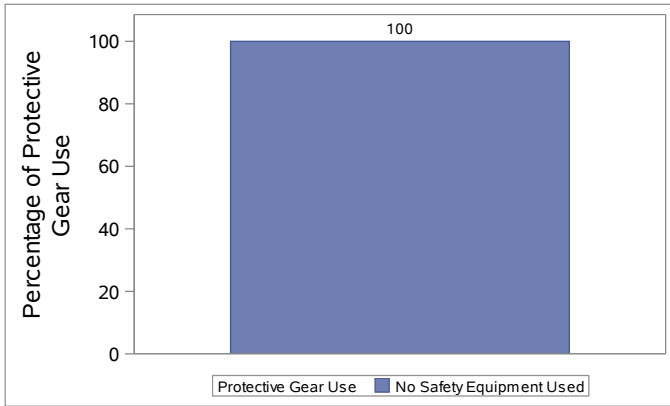

Automobile

Bicyclist
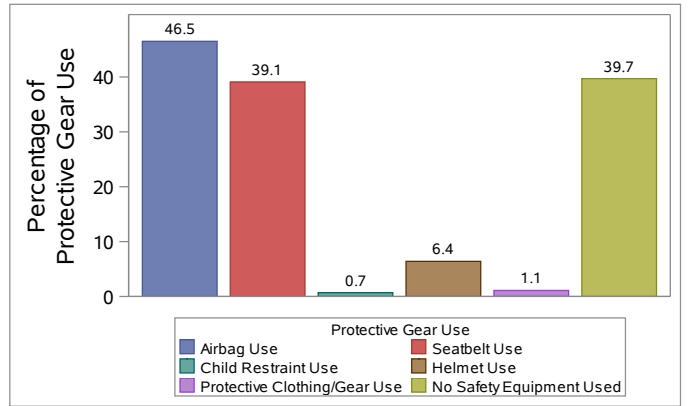

Pedestrian

December 2020 Indiana Trauma Registry Report
Motor Vehicle Collision by Protective Devices
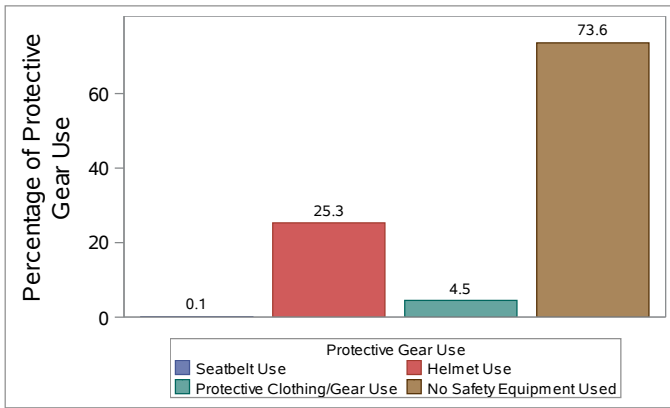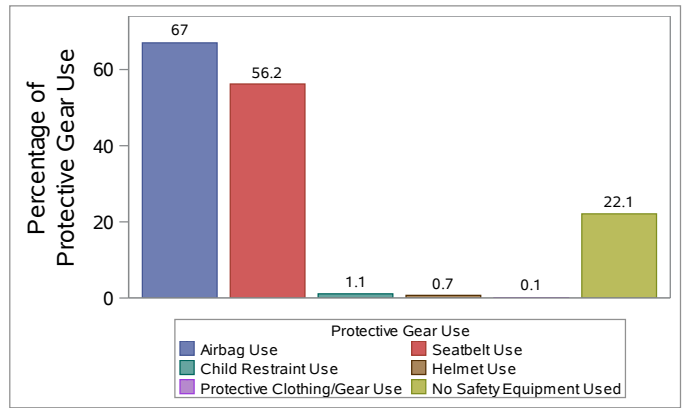
2020

January 2020 - December 2020

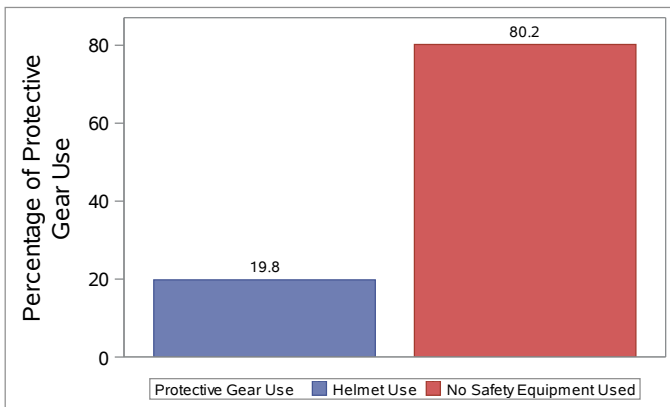**January 2020 - December 2020:** MVC by Collision Type and Protective Gear Use

Motorcycle

Automobile

Bicyclist

Pedestrian