

Since April 1st Trinh Dinh (Data Analyst) was recruited to join the COVID-19 Investigation Team .

On April 1st, Ramzi Nimry (Trauma and Injury Prevention Program Director) trained Bluffton Regional Medical Center on the trauma registry.

On April 9th, Ramzi Nimry (Trauma and Injury Prevention Program Director) attended the District 3 TRAC web meeting to discuss the COVID pandemic in the region.

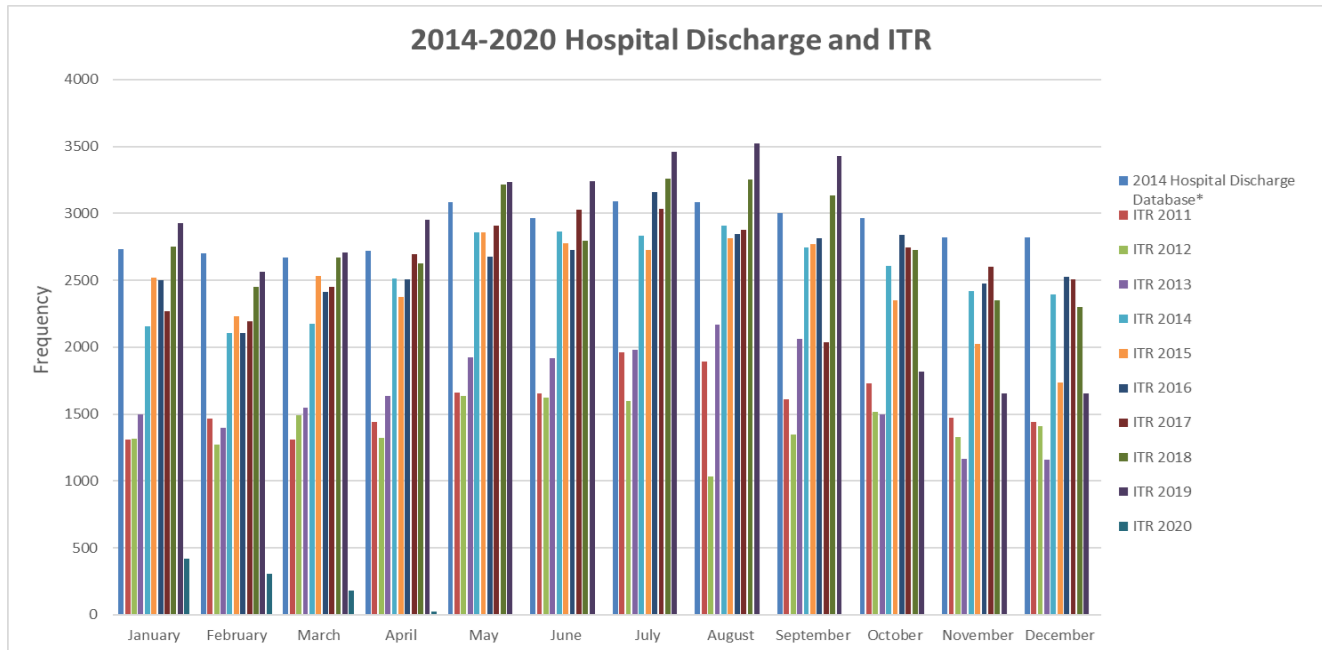
From April 13-17 and April 20-22, Ramzi Nimry (Trauma and Injury Prevention Program Director) was in charge of site supervision of the NW region's coronavirus drive thru testing site at St. Timothy Community Church in Gary.

From April 25-29, Ramzi Nimry (Trauma and Injury Prevention Program Director) was in charge of site supervision for the Fairbanks School of Public Health's study at one of the fixed testing locations at Ivy Tech in Valparaiso.

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).

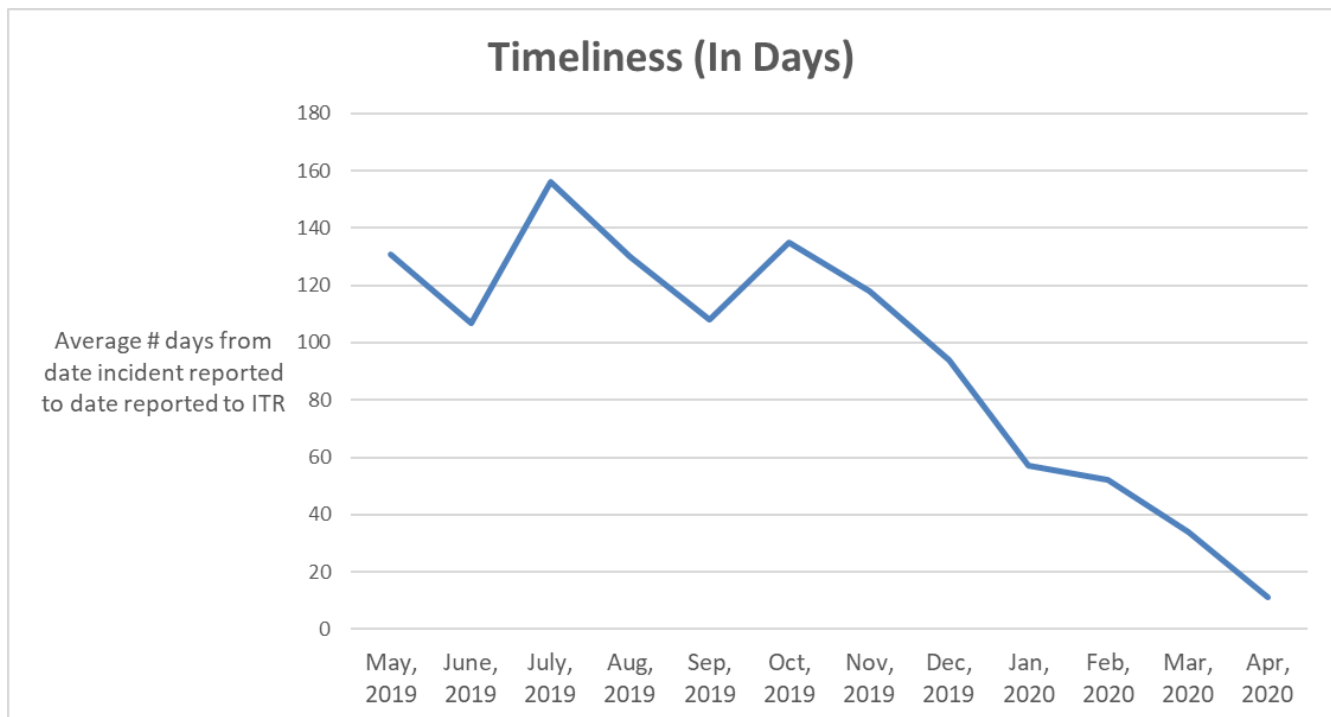
Completeness

The Hospital Discharge database, also maintained by the 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. The hospital discharge database is 75% complete.



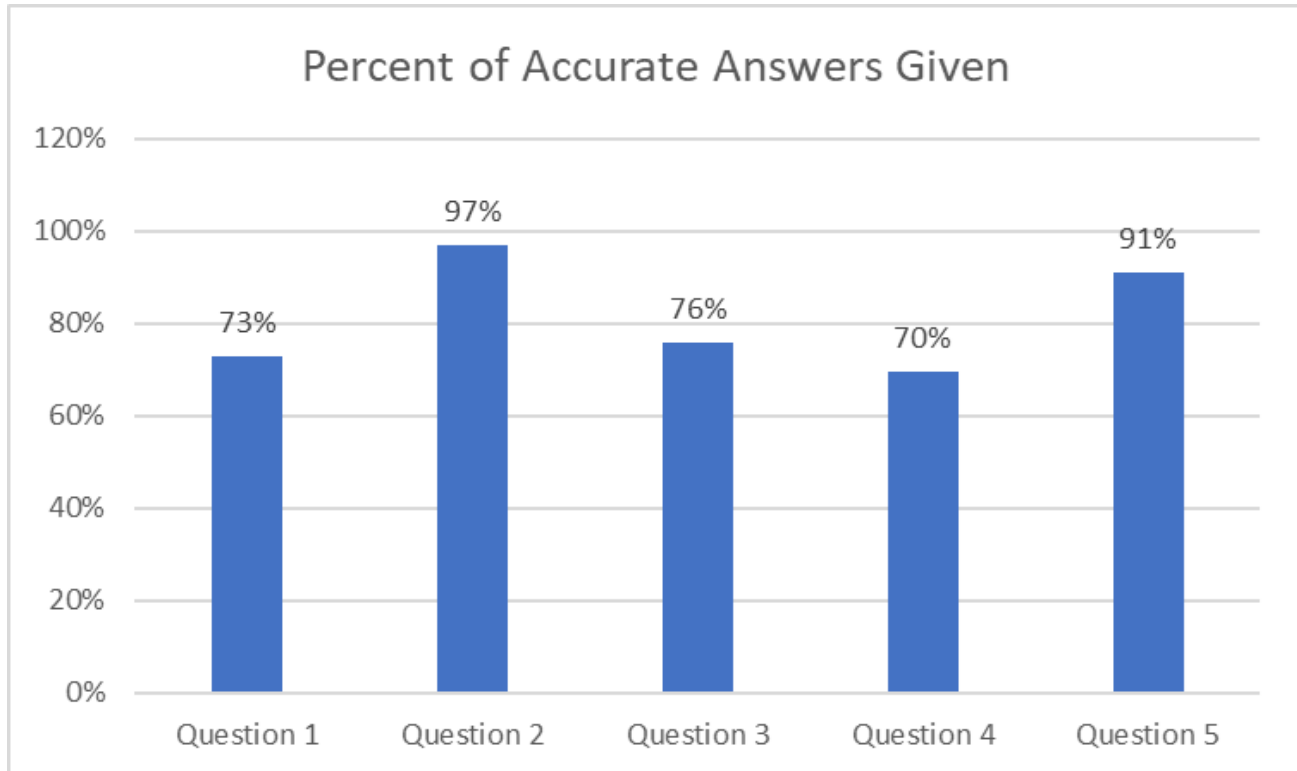
Timeliness

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 103 days.



Uniformity

In April, there were 39 participants from 33 (26 % of hospitals with EDs in Indiana) hospitals who completed the quiz. The percent correct was 81% and the free-marginal kappa was 0.50. Activities to improve the uniformity of data include trauma registrar training throughout the state and at the Indiana State Department of Health.



Integration

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

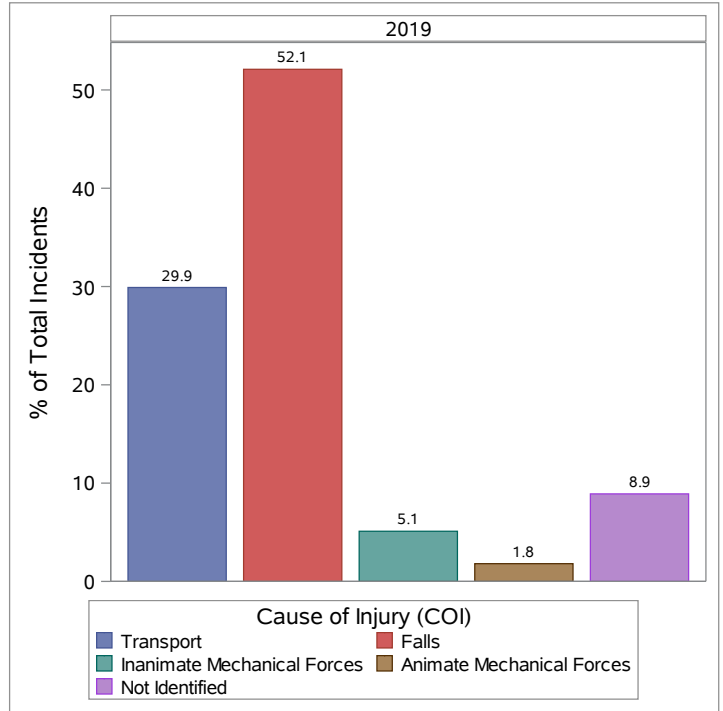
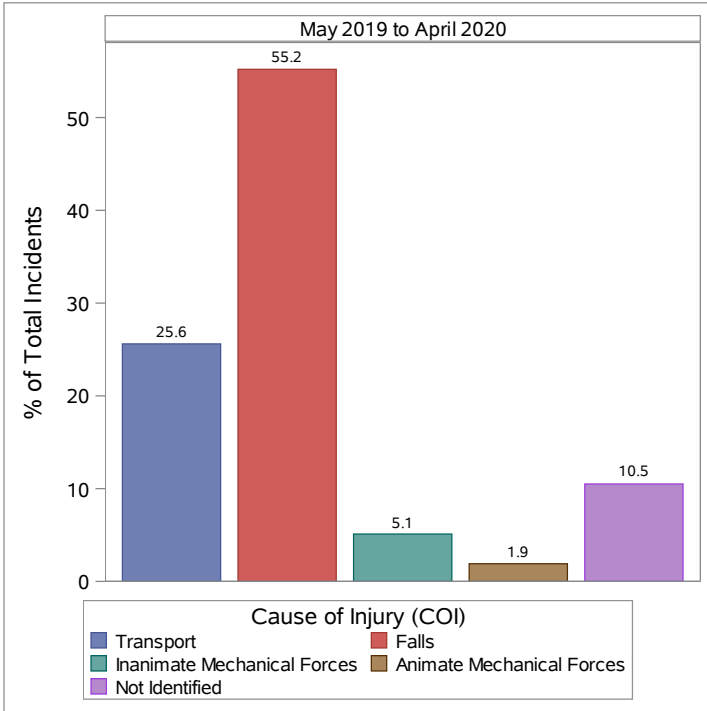
Accessibility

There was one aggregate request (2 day on average) in April. There were no identifiable data requests.

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

May 2019 - April 2020: 26888 Incidents

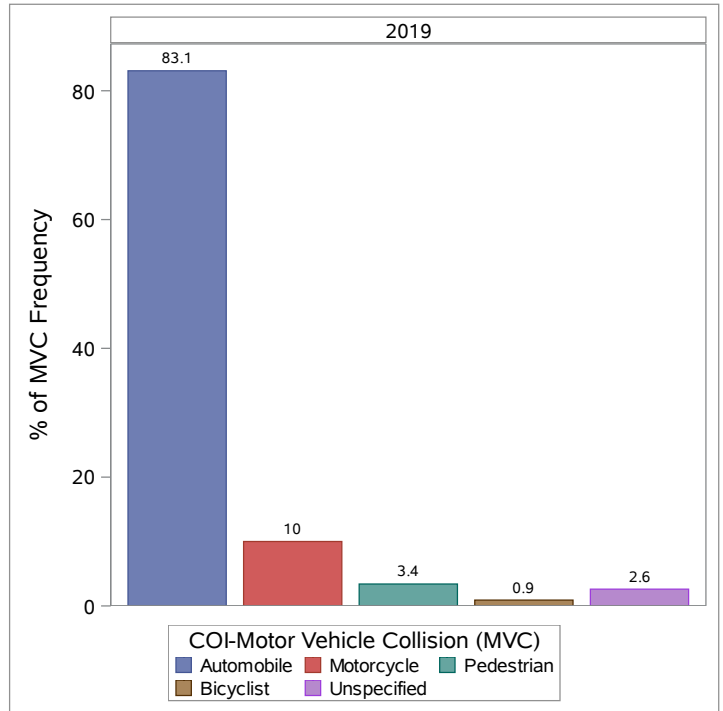
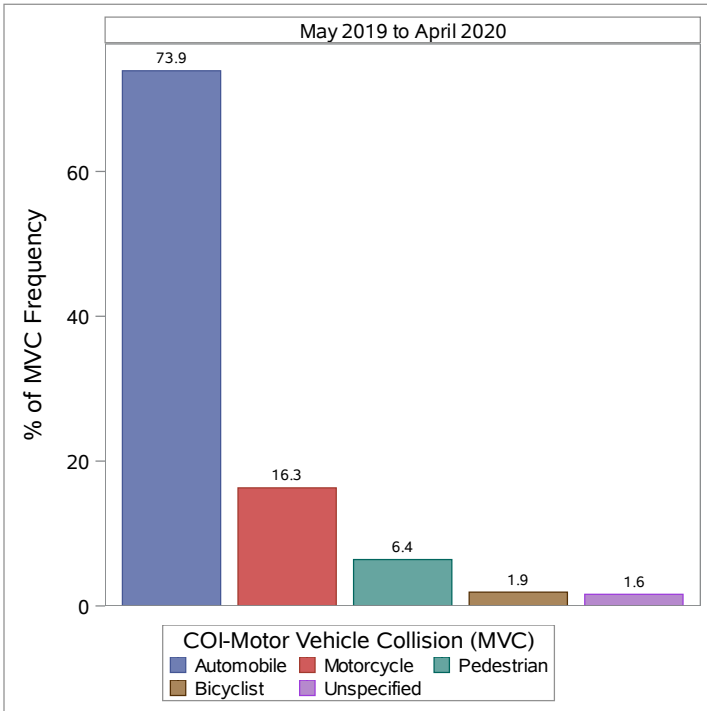
2019: 38748 Incidents



COI-Motor Vehicle Collision (MVC)

May 2019 - April 2020: 5183 Incidents

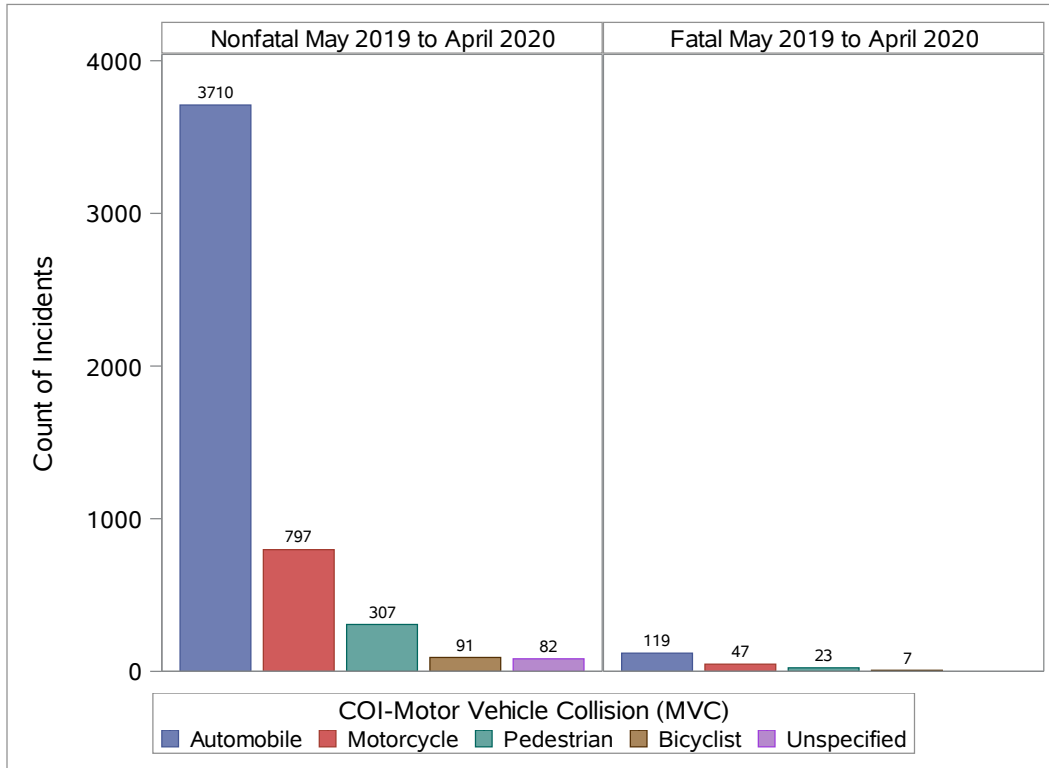
2019: 9263 Incidents



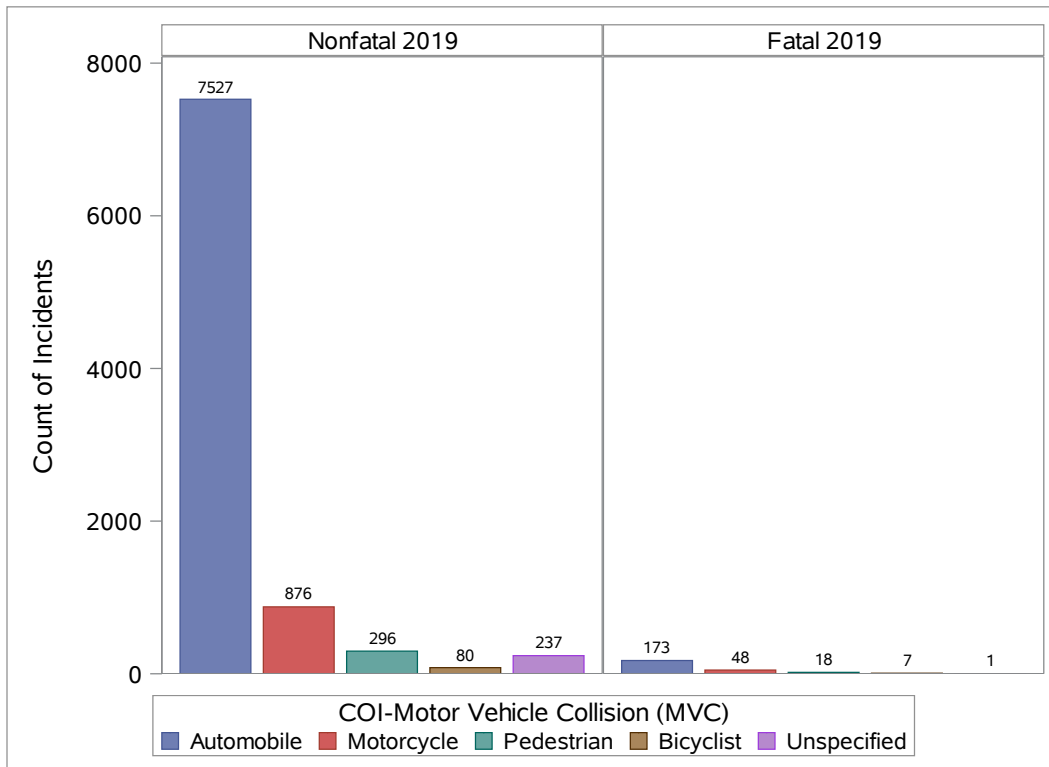
April 2020 Indiana Trauma Registry Report

Motor Vehicle Collision: Nonfatal Incidents and Fatal Incidents

May 2019 - April 2020



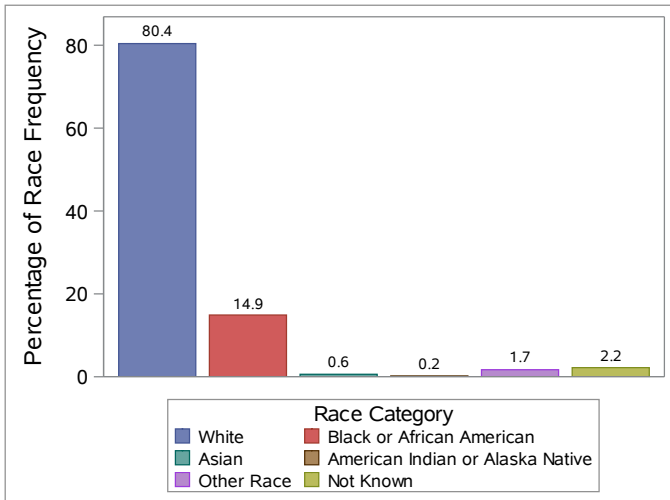
2019



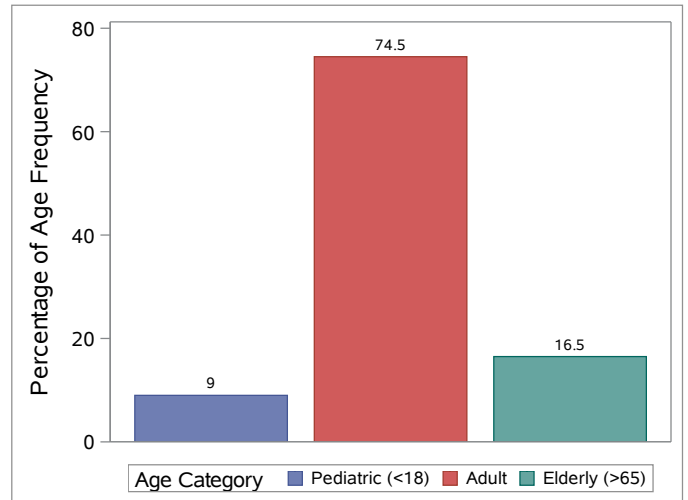
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Overall Motor Vehicle Collisions (MVC) May 2019 - April 2020

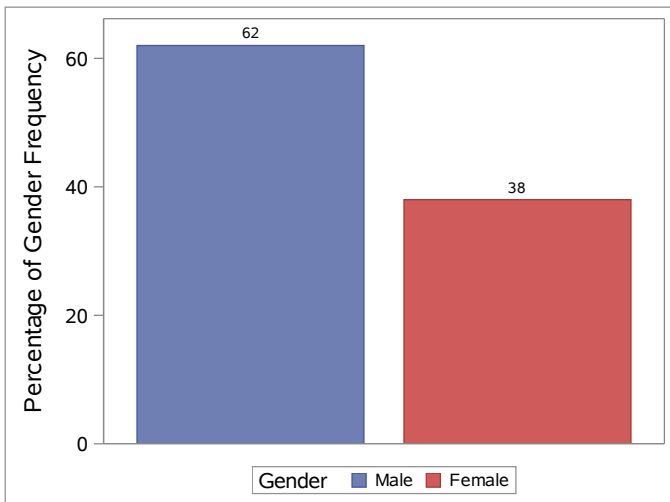
Race



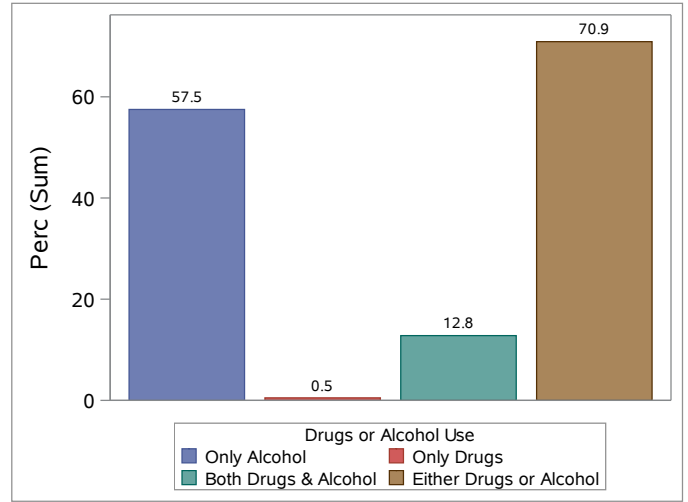
Age



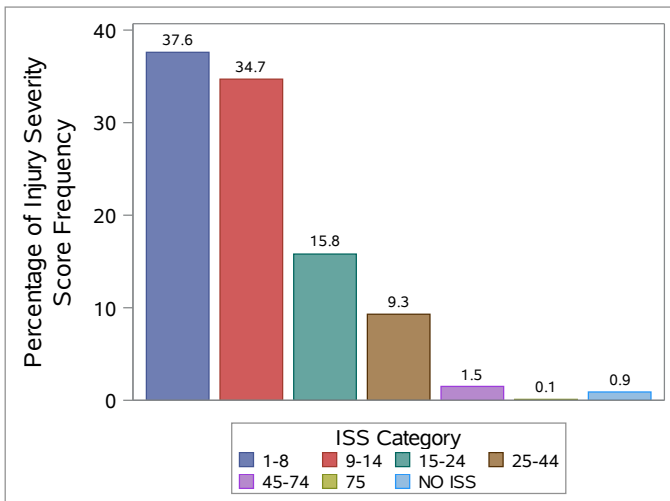
Gender



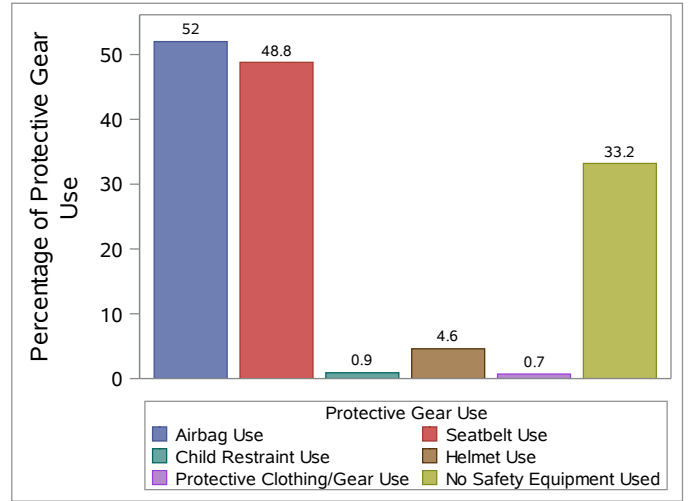
Drug & Alcohol Use



Injury Severity Score



Protective Devices

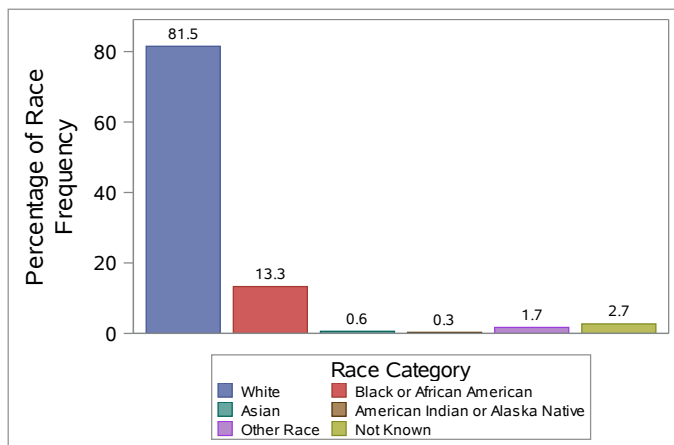


Injury Severity Score (ISS) is a measure of how bad the injury is. Scores over 15 are considered major trauma. A score of 75 is considered not survivable.

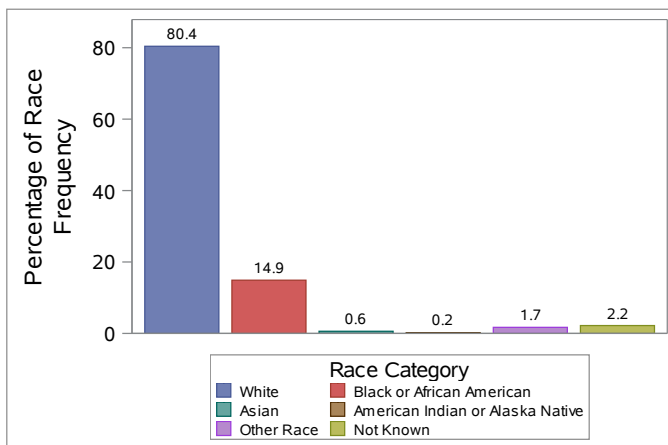
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Motor Vehicle Collisions by Race

2019

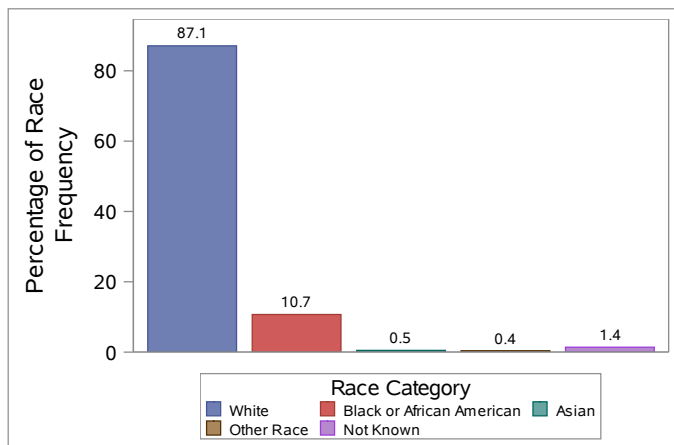


May 2019 - April 2020

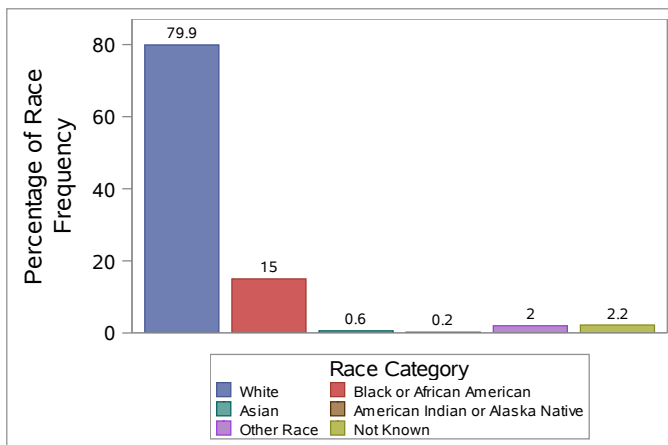


May 2019 - April 2020: MVC by Collision Type and Race

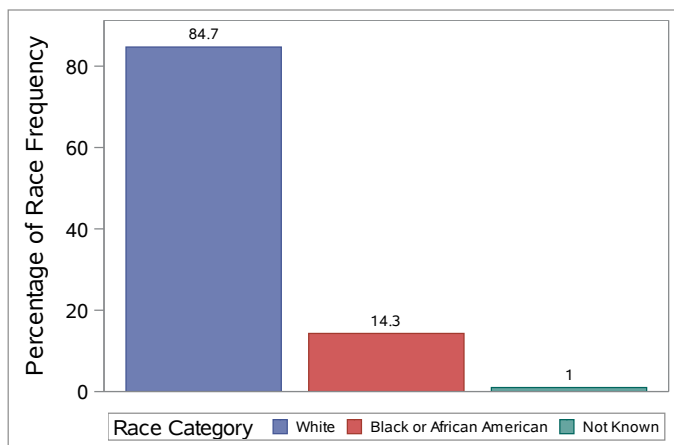
Motorcycle



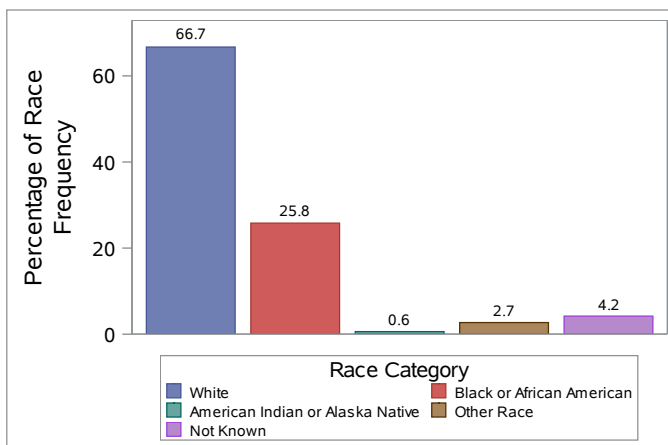
Automobile



Bicyclist



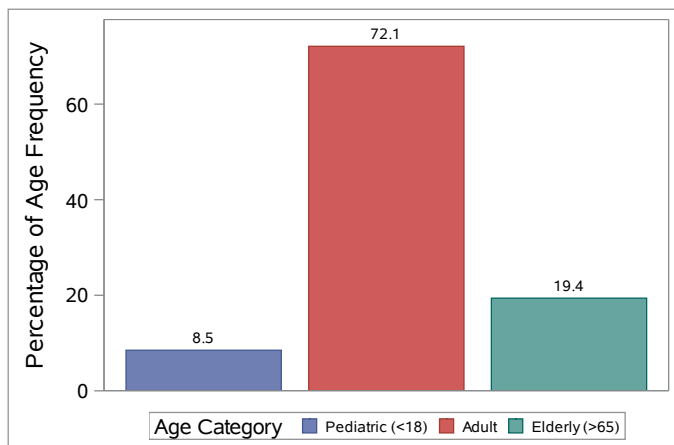
Pedestrian



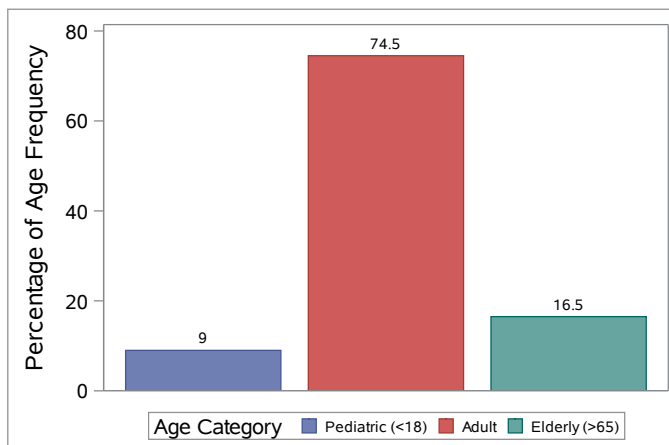
April 2020 Indiana Trauma Registry Report

Motor Vehicle Collision by Age Category

2019

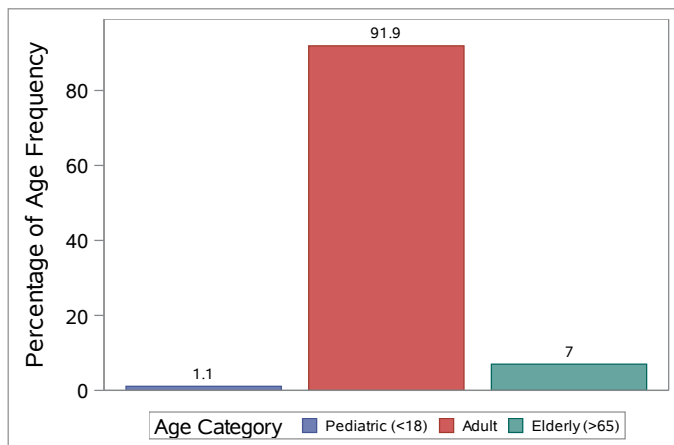


Race

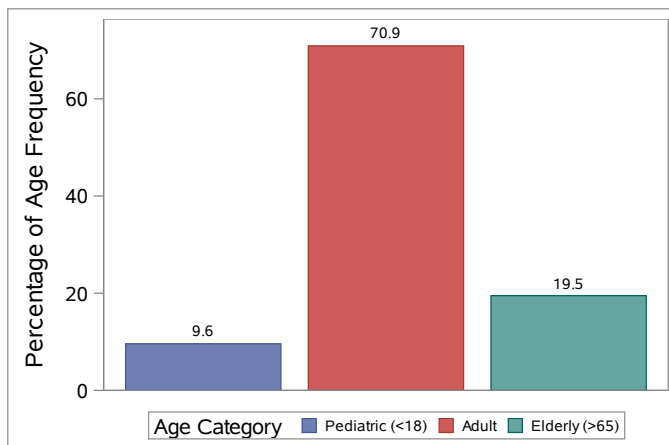


May 2019 - April 2020: MVC by Collision Type and Age Category

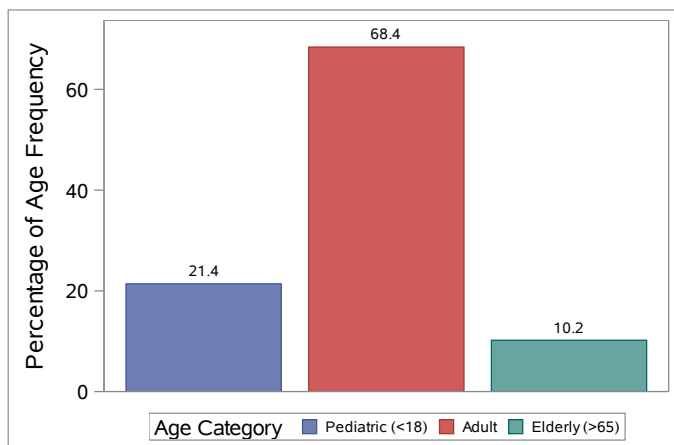
Motorcycle



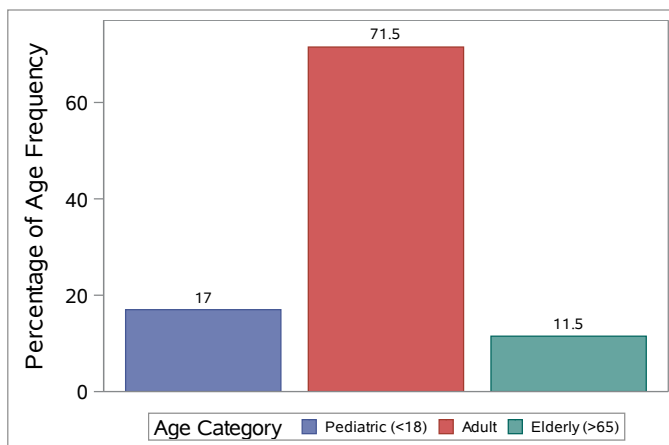
Automobile



Bicyclist



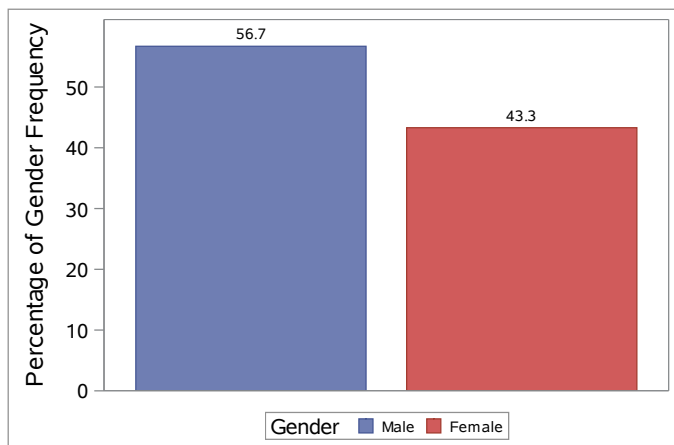
Pedestrian



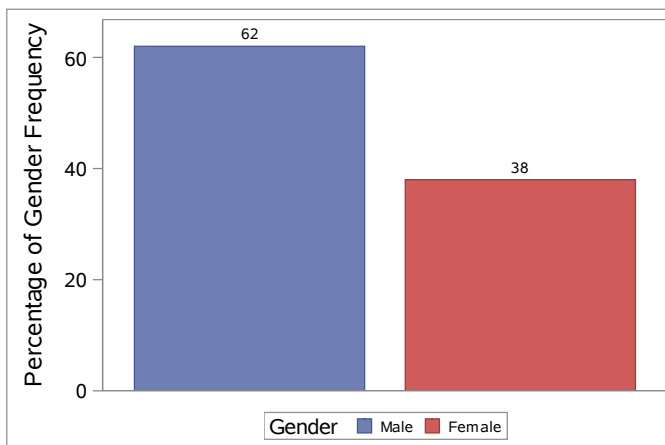
April 2020 Indiana Trauma Registry Report

Motor Vehicle Collision by Gender

2019

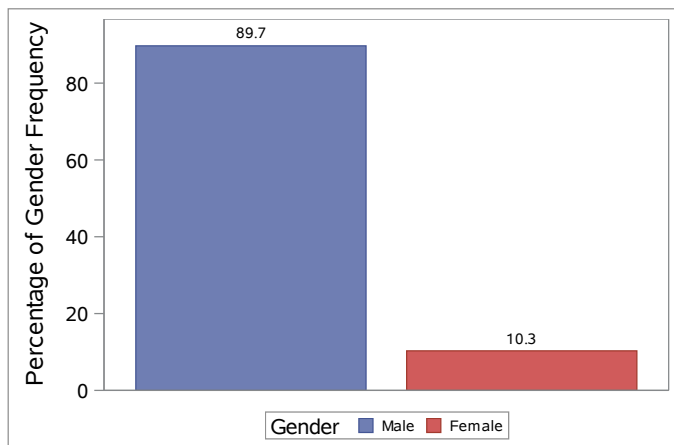


Race

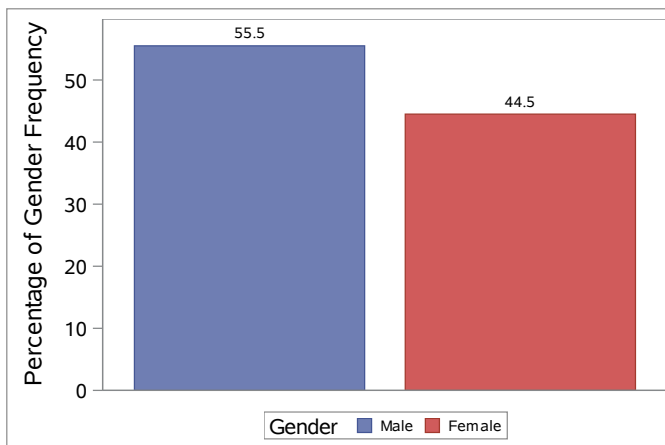


May 2019 - April 2020: MVC by Collision Type and Gender

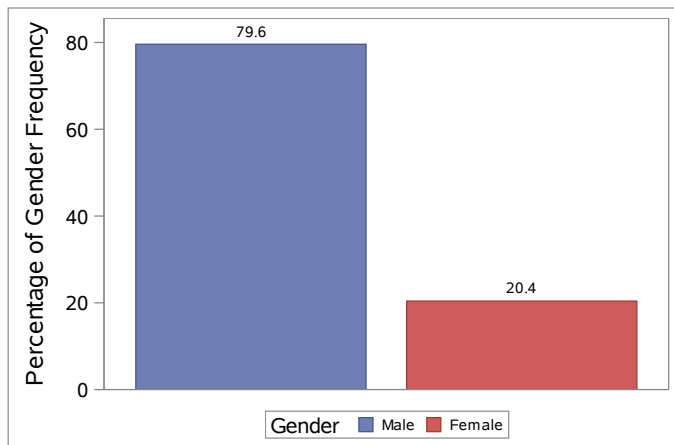
Motorcycle



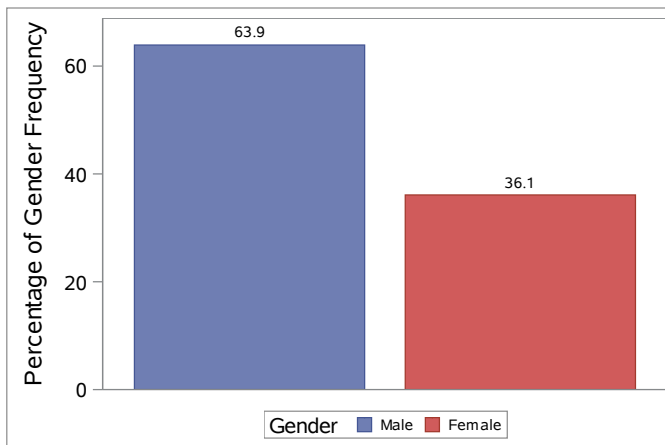
Automobile



Bicyclist



Pedestrian

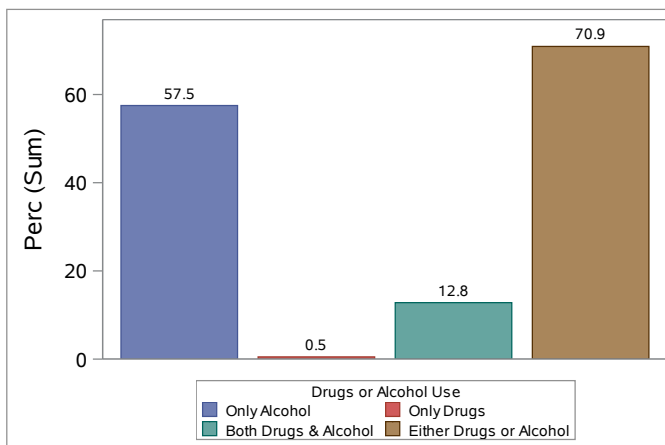
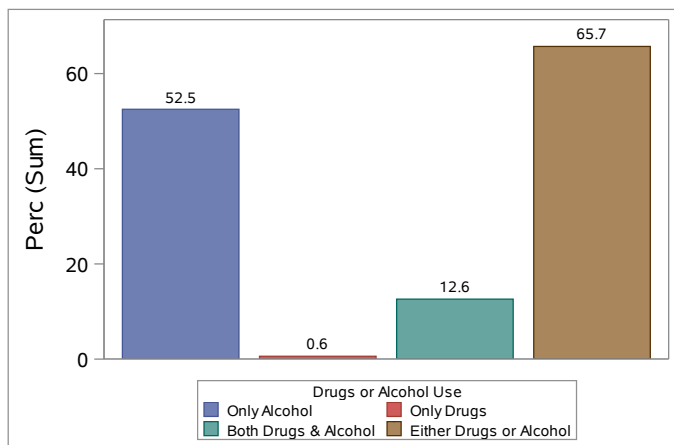


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Motor Vehicle Collision by Drug & Alcohol Use

2019

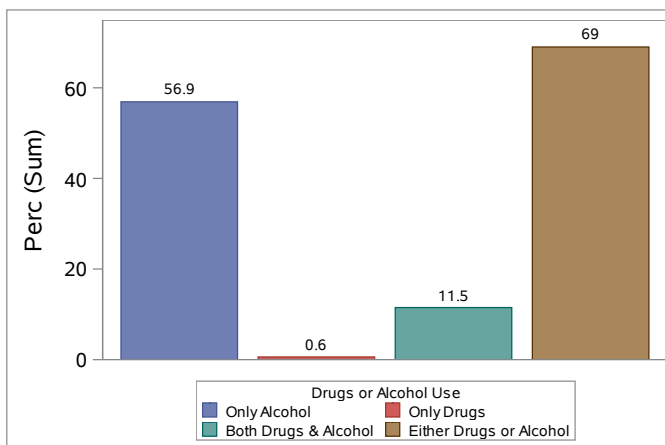
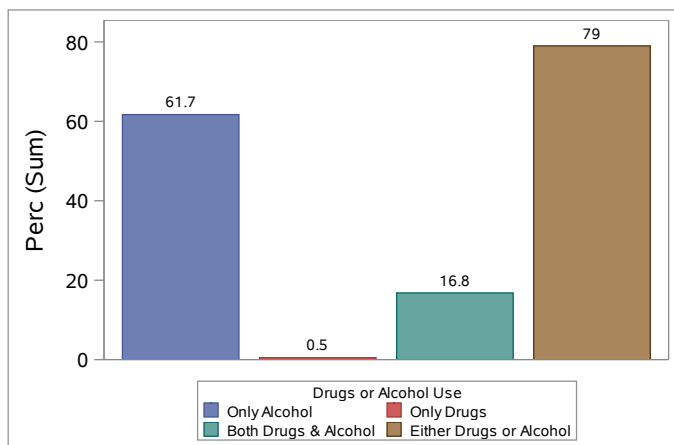
May 2019 - April 2020



May 2019 - April 2020: MVC by Collision Type and Drug & Alcohol Use

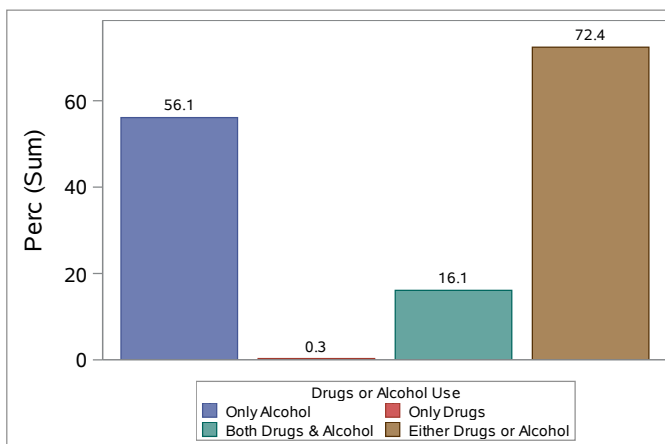
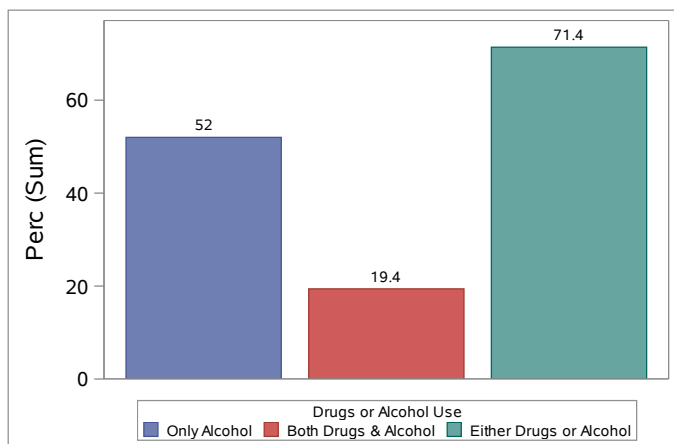
Motorcycle

Automobile



Bicyclist

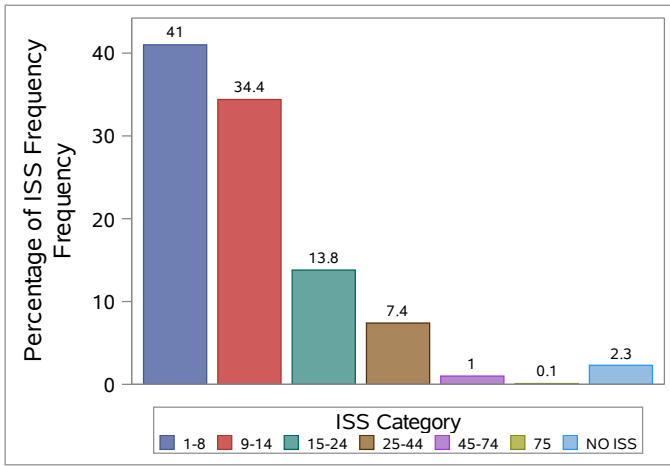
Pedestrian



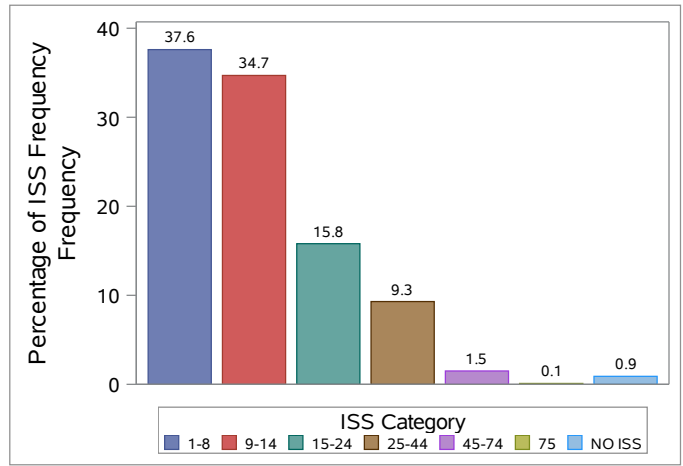
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Motor Vehicle Collision by Injury Severity Score

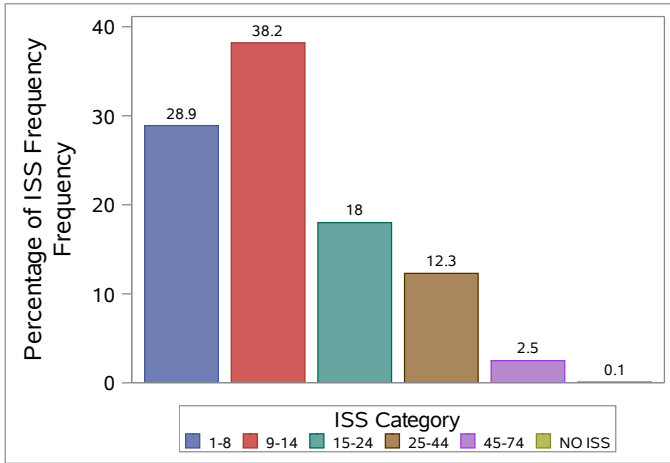
2019



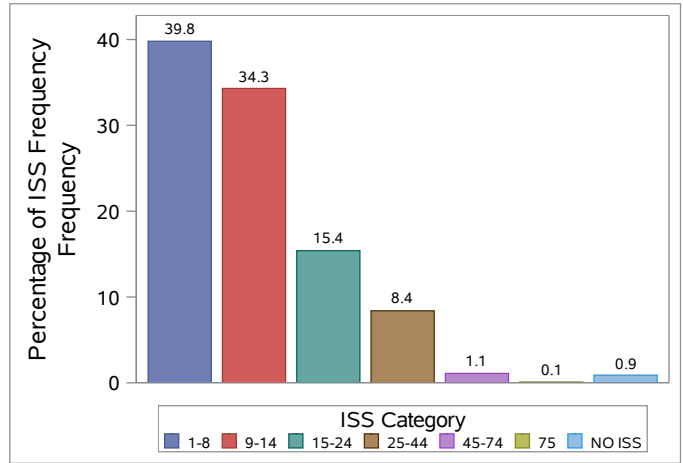
May 2019 - April 2020



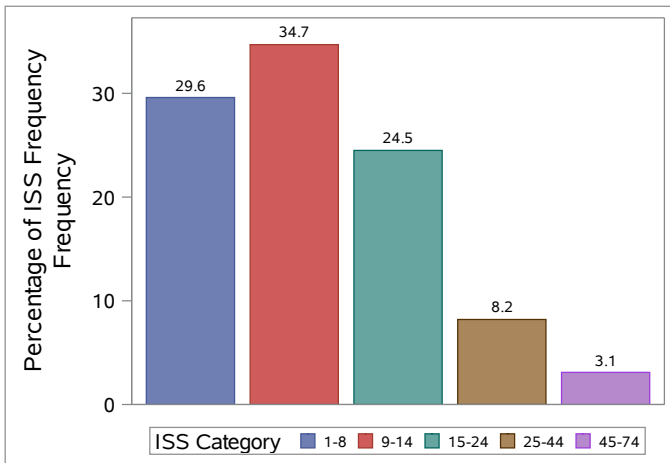
Motorcycle: Jan 2019 - Dec 2019



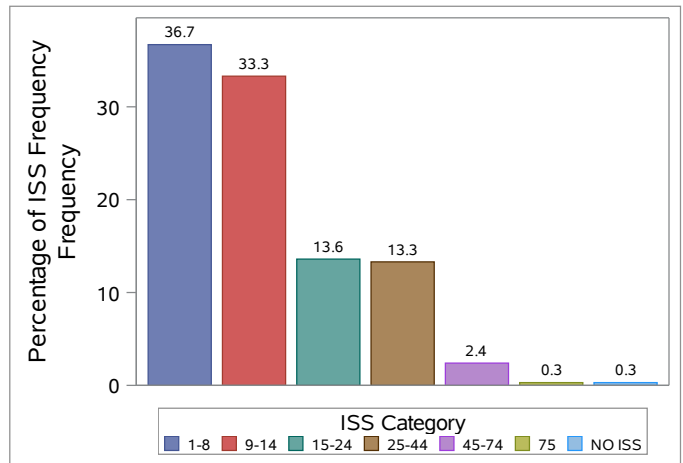
Automobile: Jan 2019 - Dec 2019



Bicyclist: Jan 2019 - Dec 2019



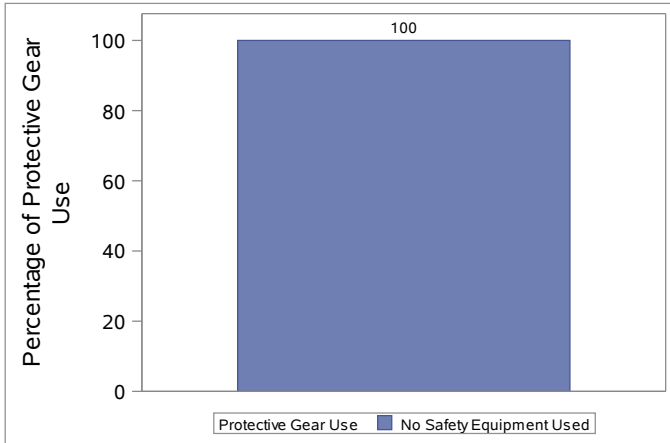
Pedestrian: Jan 2019 - Dec 2019



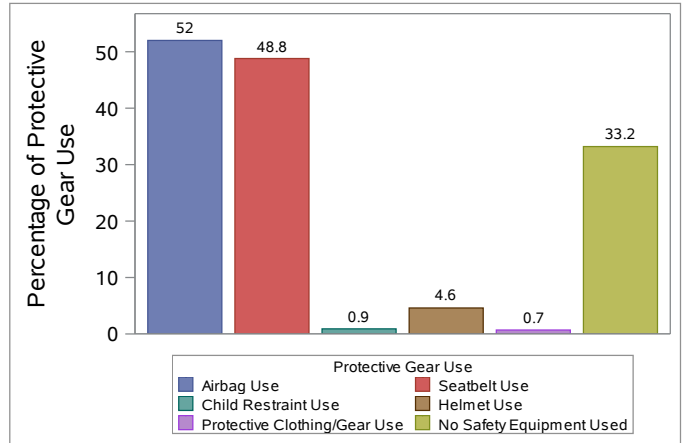
April 2020 Indiana Trauma Registry Report

Motor Vehicle Collision by Protective Devices

2019

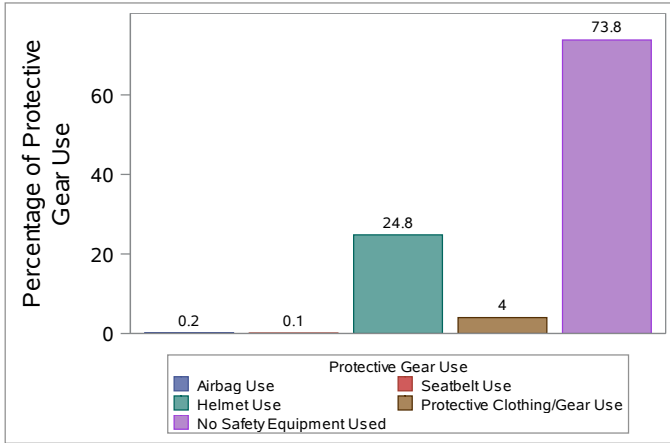


May 2019 - April 2020

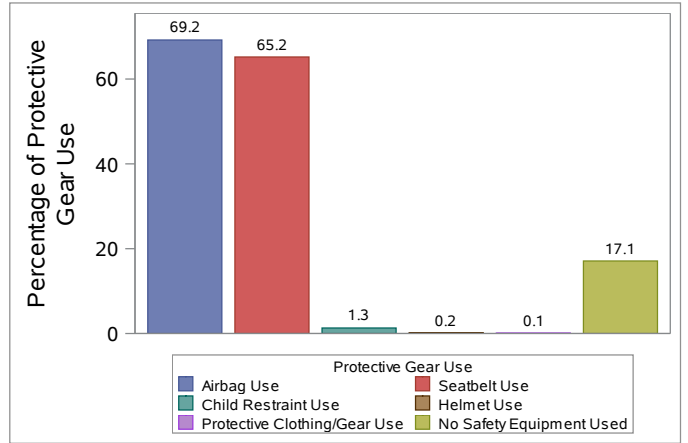


May 2019 - April 2020: MVC by Collision Type and Protective Gear Use

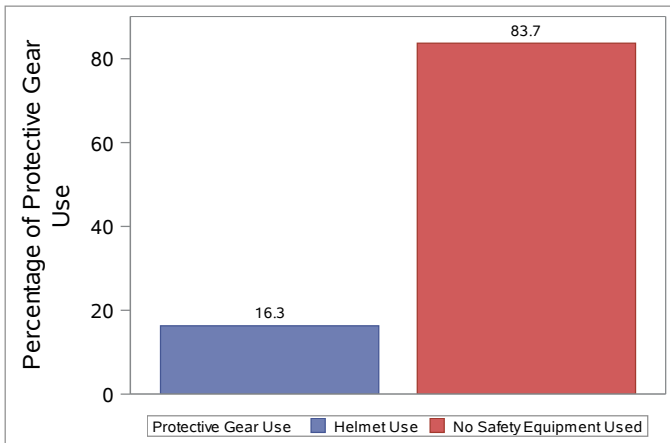
Motorcycle



Automobile



Bicyclist



Pedestrian

