

As an expansion to my role I have been training Indiana coroners on the Indiana Coroner Case Management System (INCCMS) while continuing to train hospitals on the Indiana Trauma Registry.-Ramzi

March 5th Ramzi Nimry (Trauma and Injury Prevention Program Director) attended the Indiana Stroke Consortium of Indiana meeting via conference line.

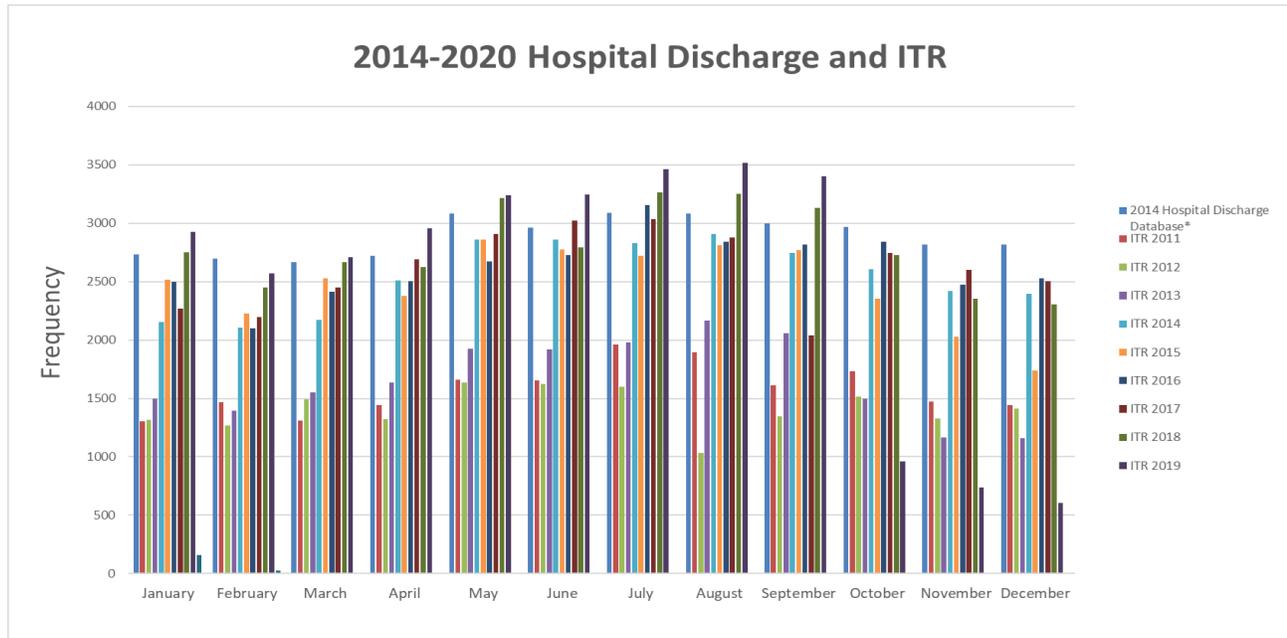
March 9th Ramzi Nimry (Trauma and Injury Prevention Program Director) trained Perry County on CCMS.

March 18th Ramzi Nimry (Trauma and Injury Prevention Program Director) and Trinh Dinh (Data Analyst) attended the Indiana Registry Subcommittee, a subcommittee of the Indiana State Trauma Care Committee via conference line.

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).

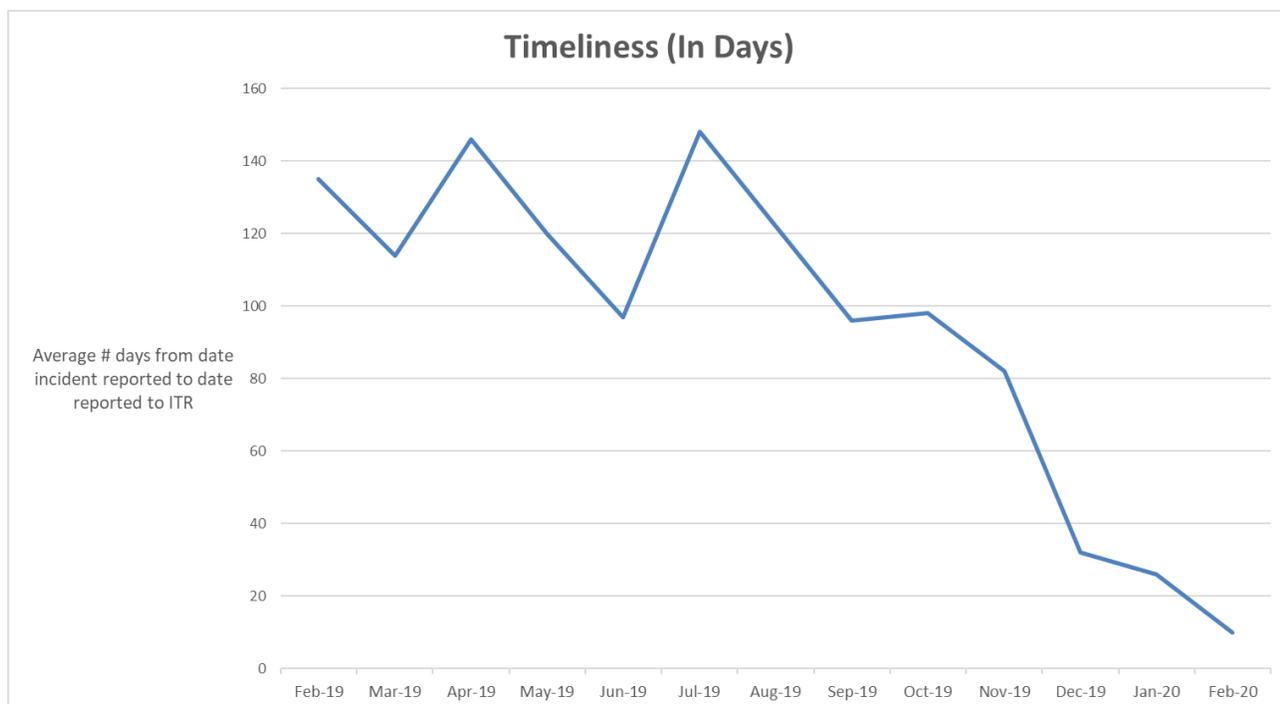
Completeness

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 72% complete.



Timeliness

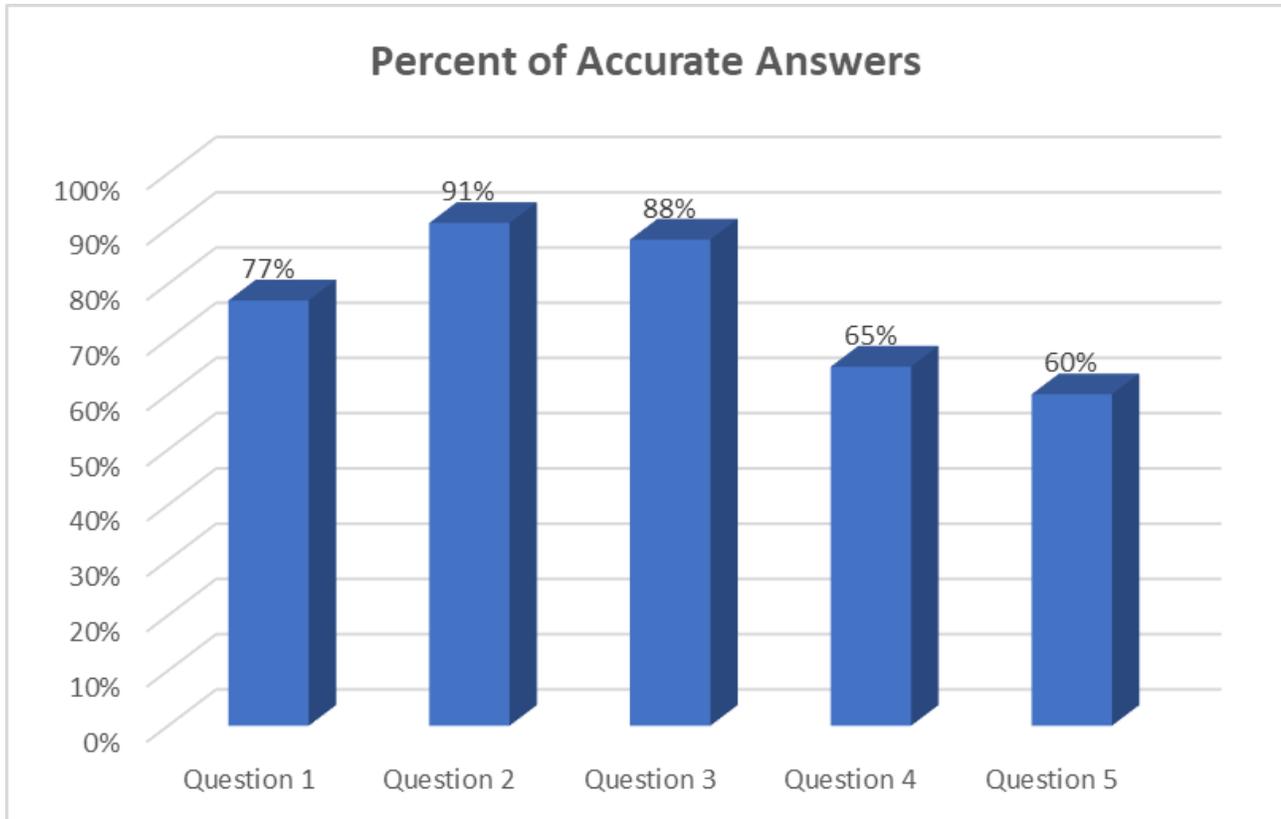
Timeliness increases as facilities wait until the data submission deadline to submit data to the ITR. Hospitals are asked to report data on the national trauma (TQIP) reporting schedule. The average timeliness in the past year was 94 days.



Uniformity

In March, we sent out the sixty-third monthly quiz for the inter-rater reliability study. There were 43 participants from 24 (19 % of hospitals with EDs in Indiana) hospitals who completed the quiz. The percent correct was 61% and the free-marginal kappa was 0.45.

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

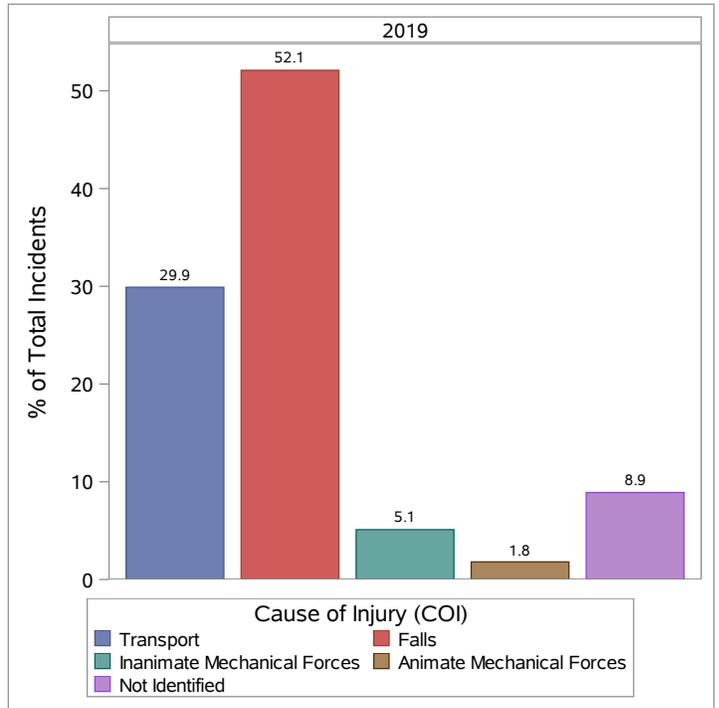
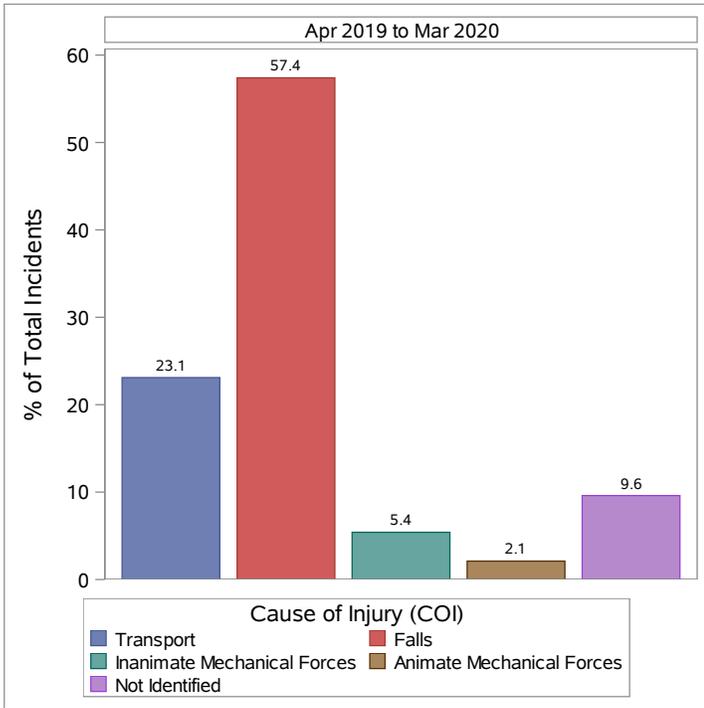
There was one aggregate request (2 day on average) and one self-report (1 day on average) in February. There were no identifiable data requests.

March 2020 Indiana Trauma Registry Report

Overall Cause of Injury (COI)

April 2019 - March 2020: 26374 Incidents

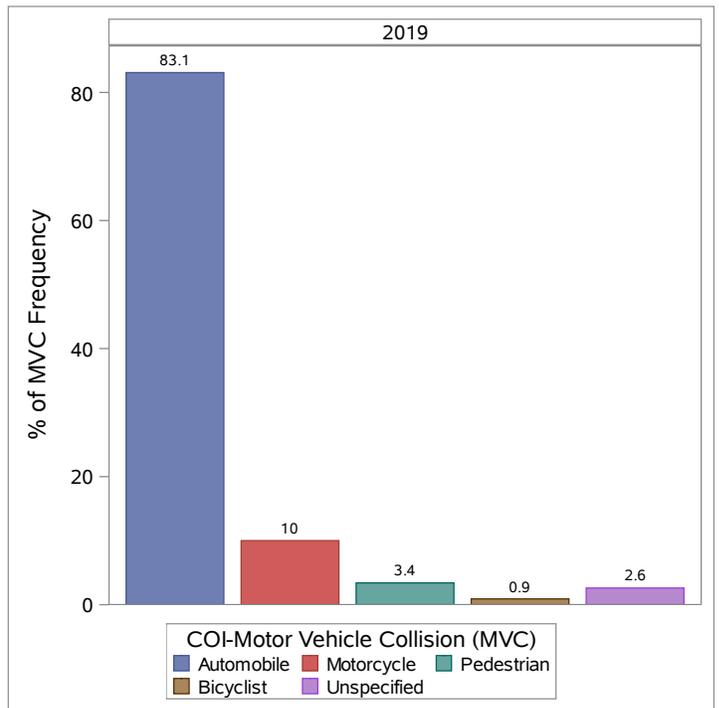
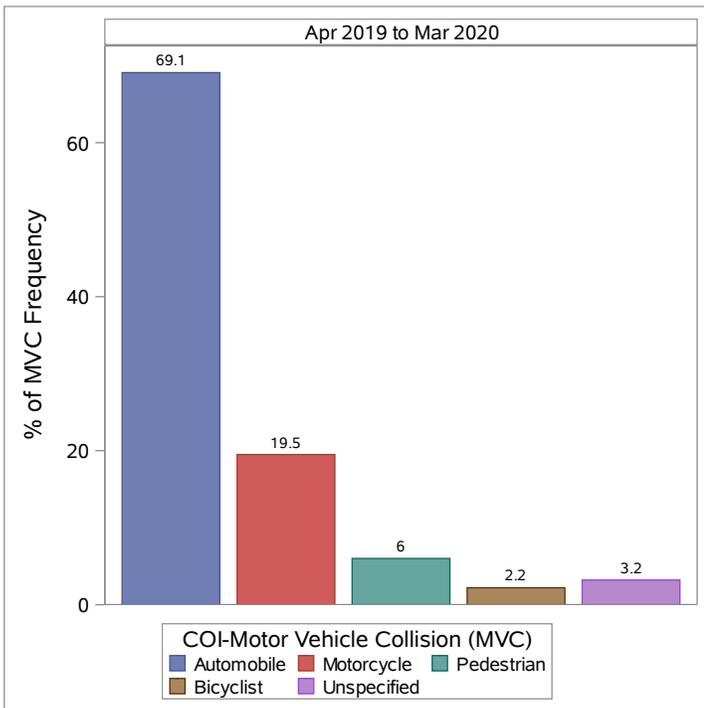
2019: 38748 Incidents



COI-Motor Vehicle Collision (MVC)

April 2019 - March 2020: 4390 Incidents

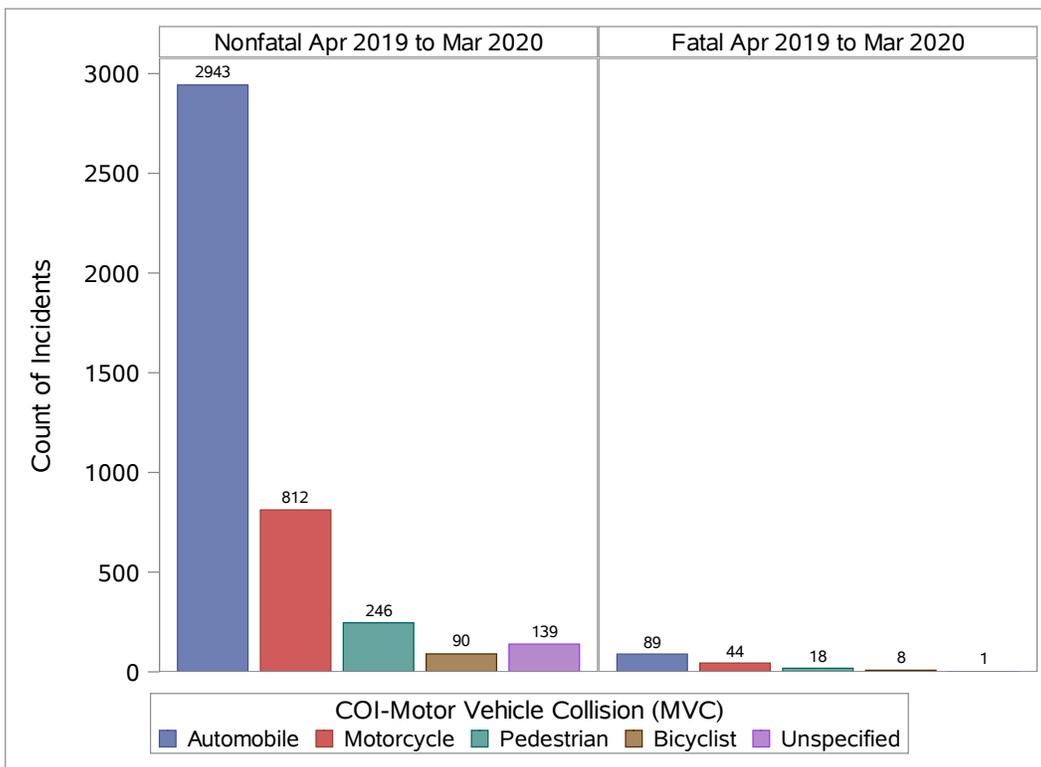
2019: 9263 Incidents



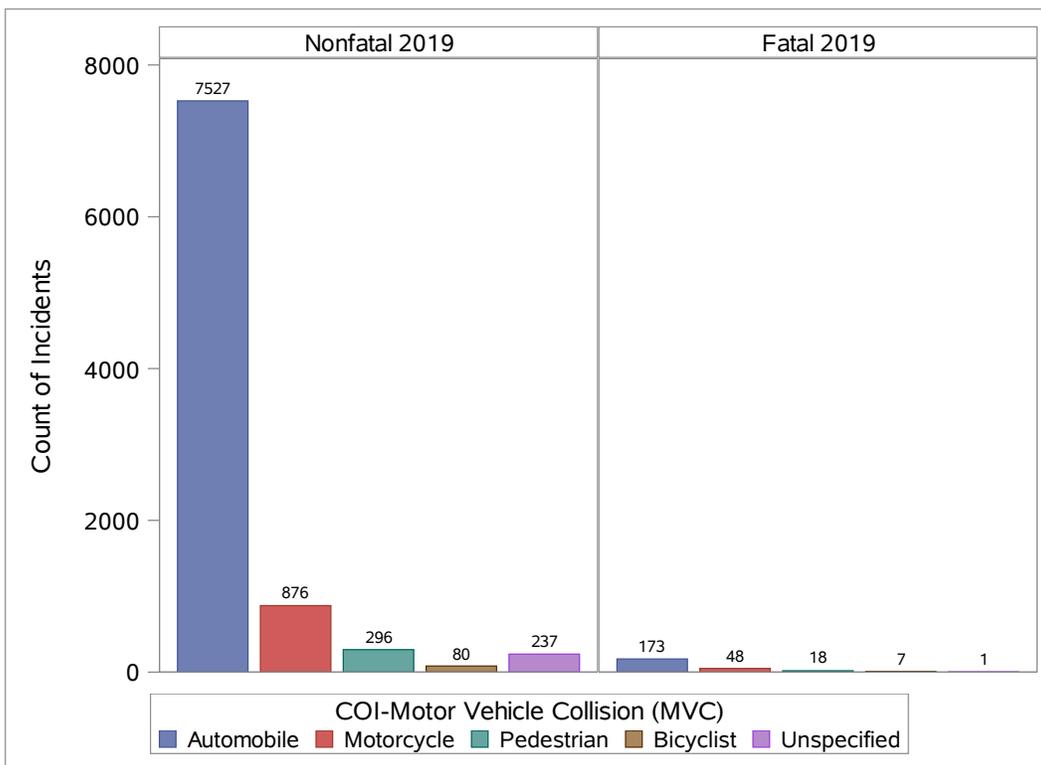
March 2020 Indiana Trauma Registry Report

Motor Vehicle Collision: Nonfatal Incidents and Fatal Incidents

April 2019 - March 2020



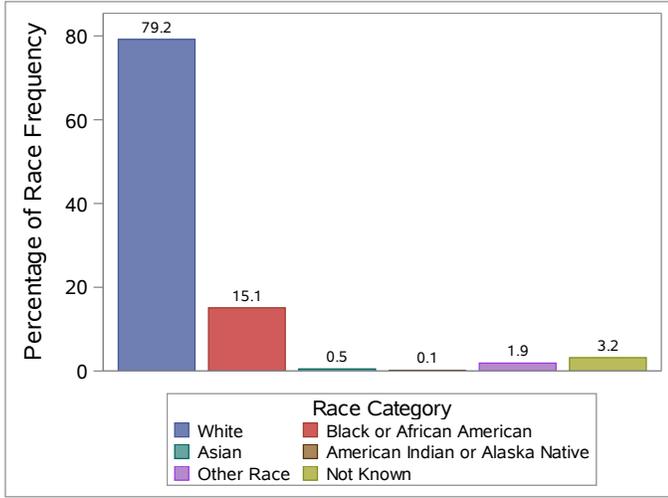
2019



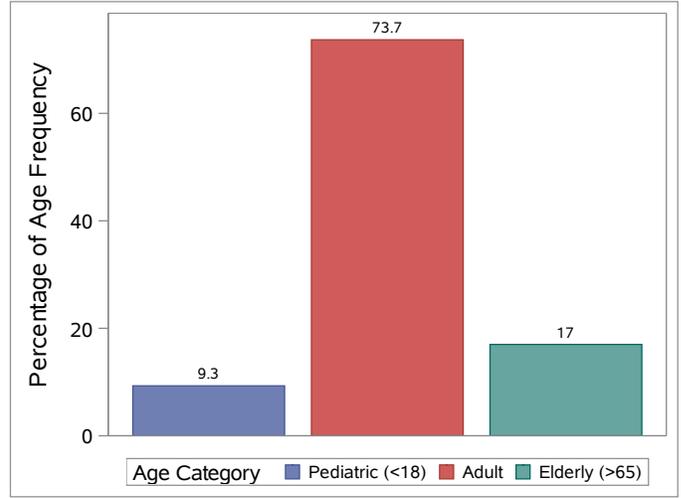
March 2020 Indiana Trauma Registry Report

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

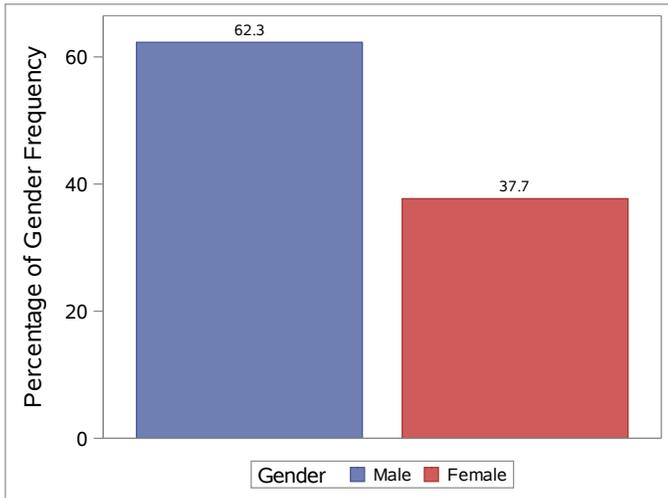
Race



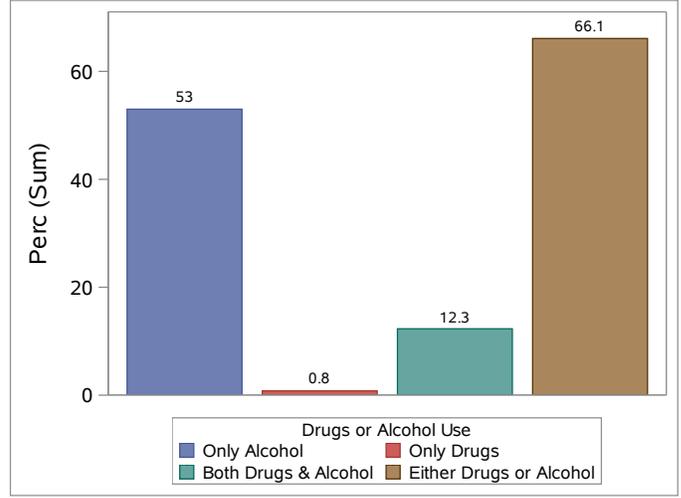
Age



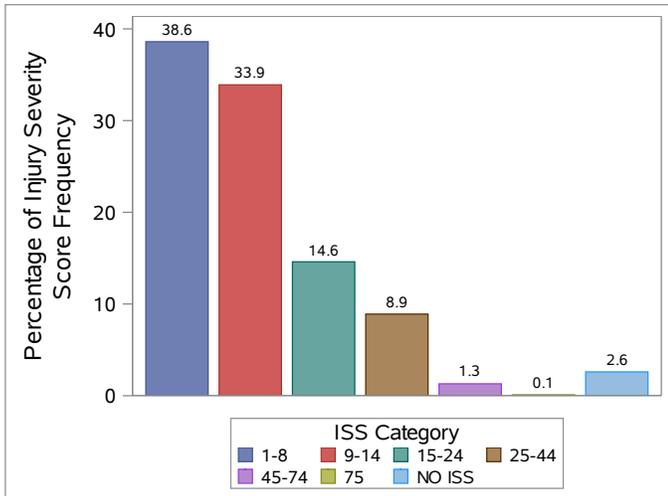
Gender



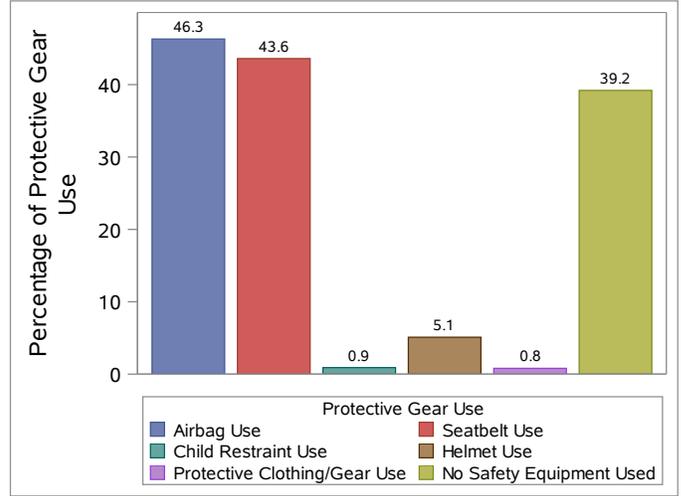
Drug & Alcohol Use



Injury Severity Score



Protective Devices

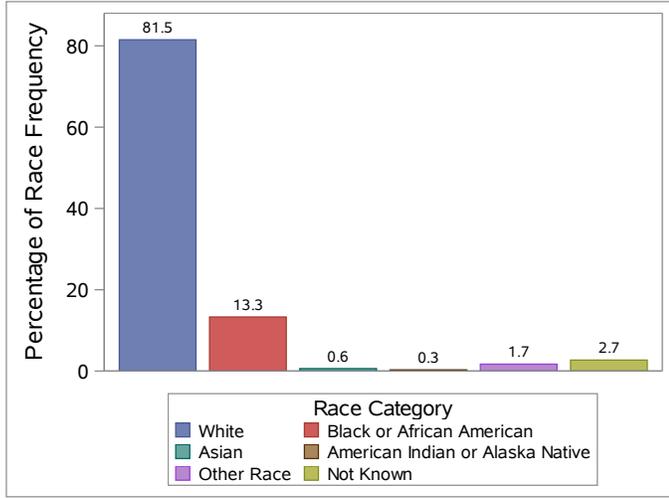


Injury Severity Score (ISS) is a measure of how bad the injury is. Scores over 15 are considered major trauma. A score of 75 is considered not survivable.

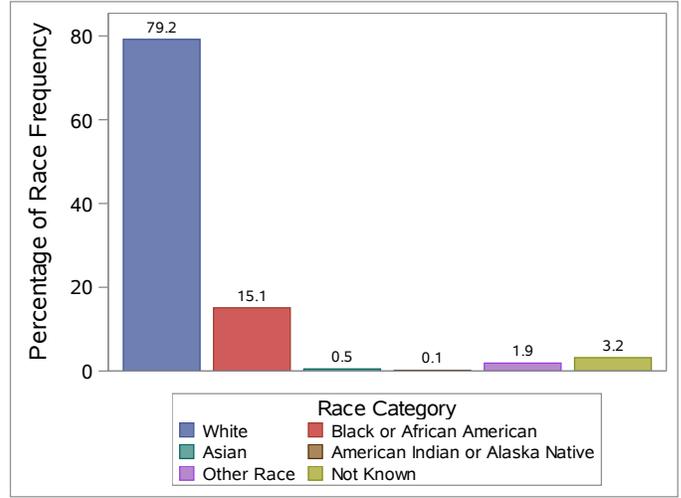
March 2020 Indiana Trauma Registry Report

Motor Vehicle Collisions by Race

2019

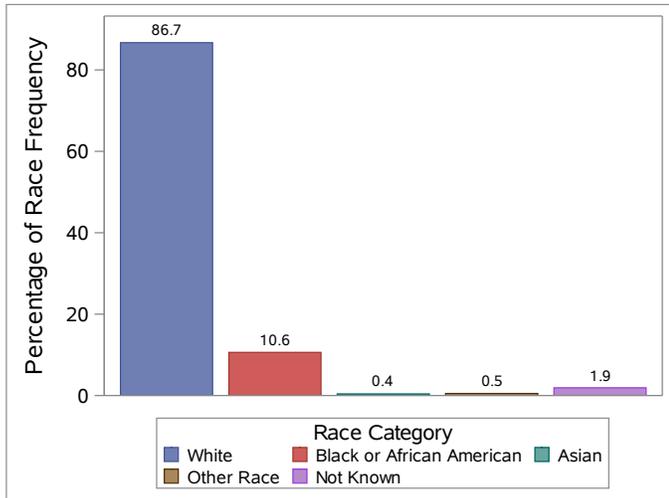


April 2019 - March 2020

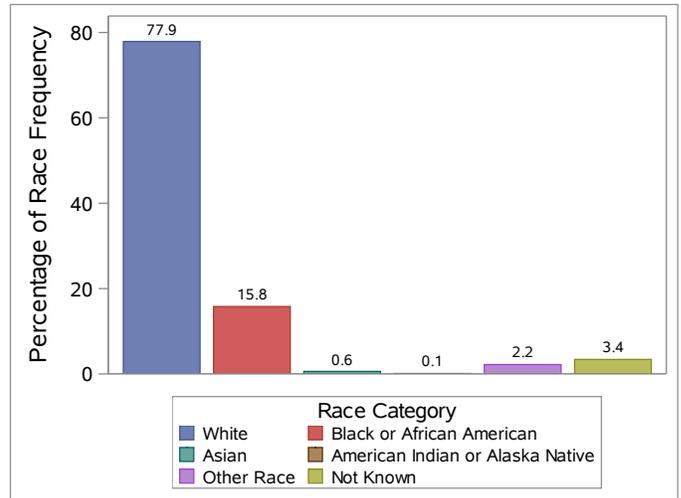


April 2019 - March 2020: MVC by Collision Type and Race

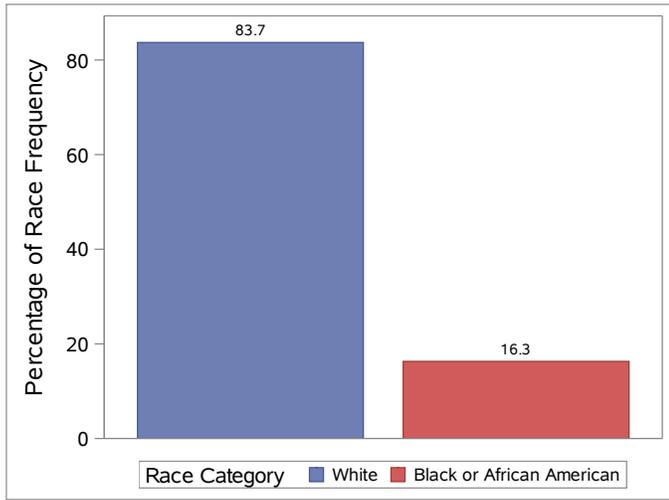
Motorcycle



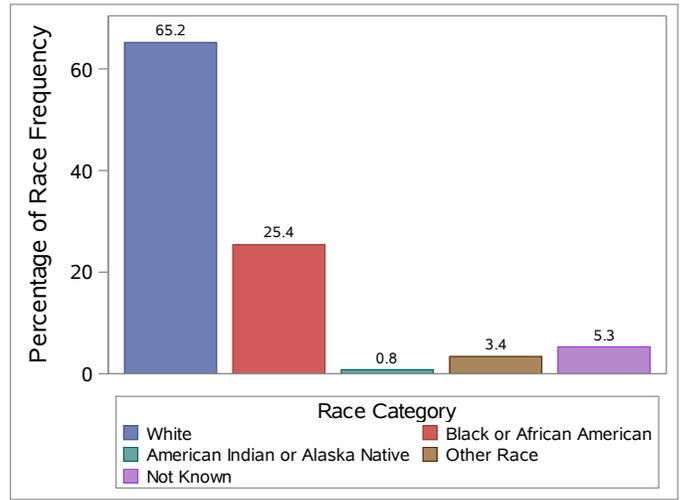
Automobile



Bicyclist



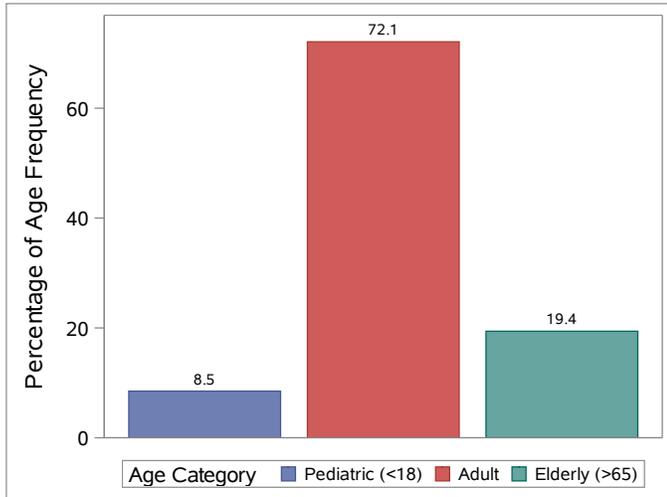
Pedestrian



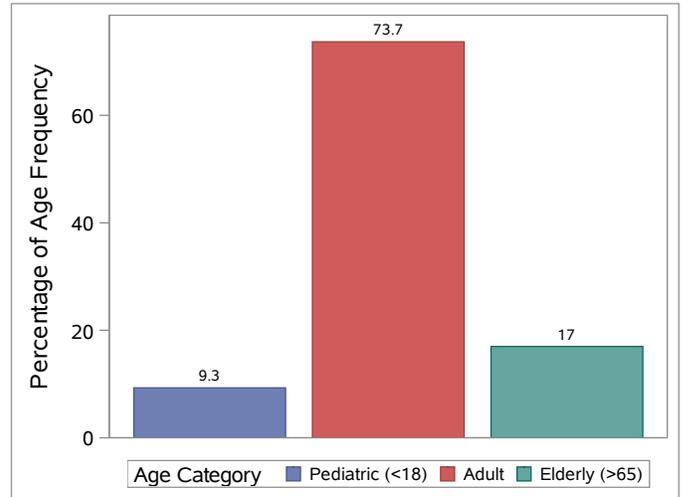
March 2020 Indiana Trauma Registry Report

Motor Vehicle Collision by Age Category

2019

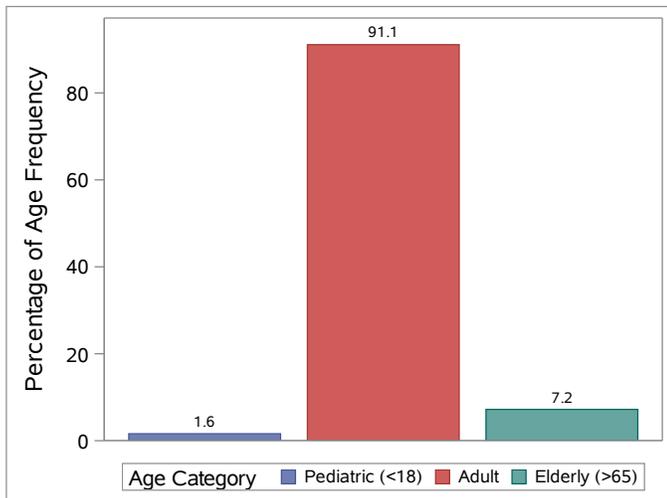


Race

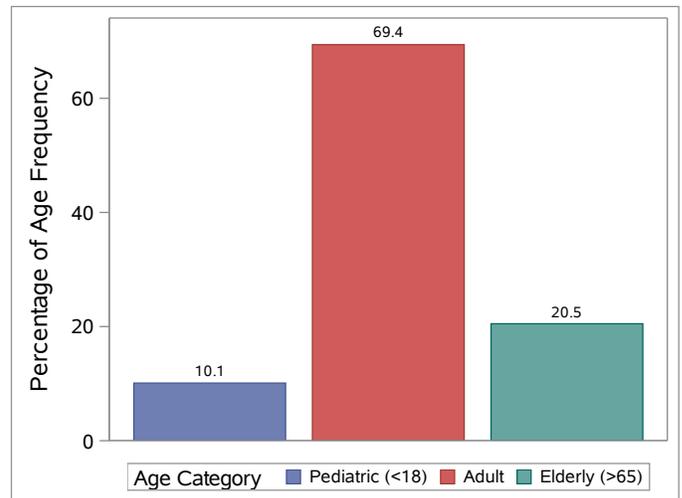


April 2019 - March 2020: MVC by Collision Type and Age Category

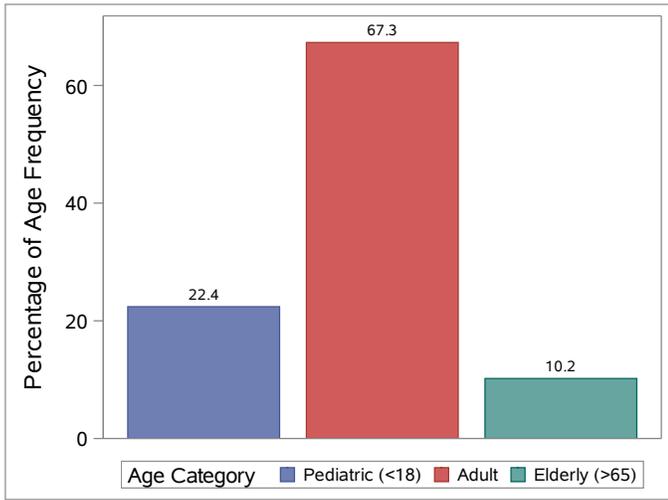
Motorcycle



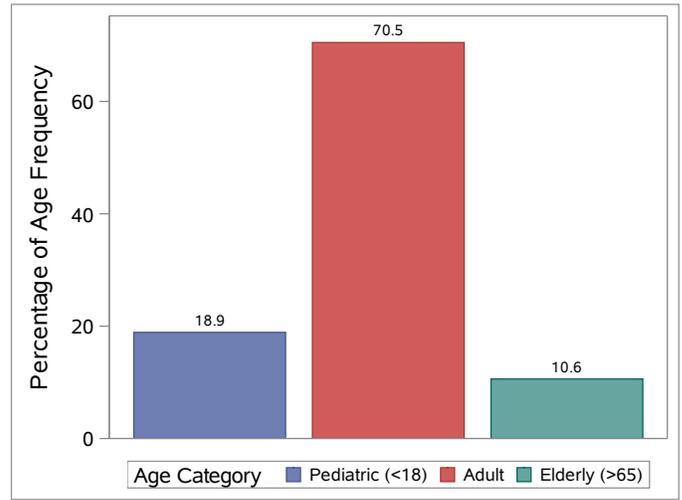
Automobile



Bicyclist



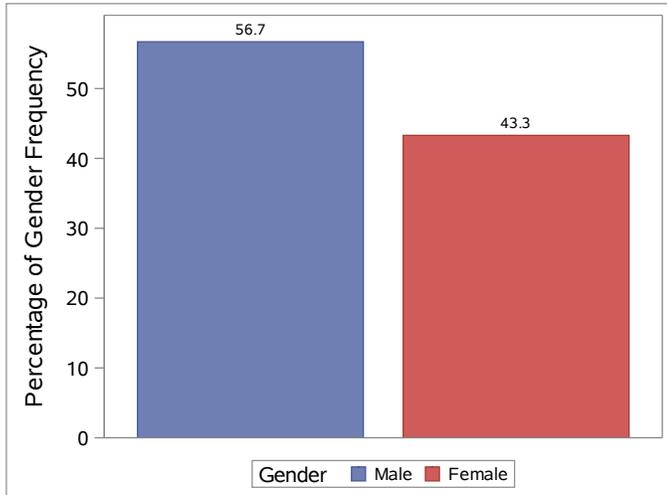
Pedestrian



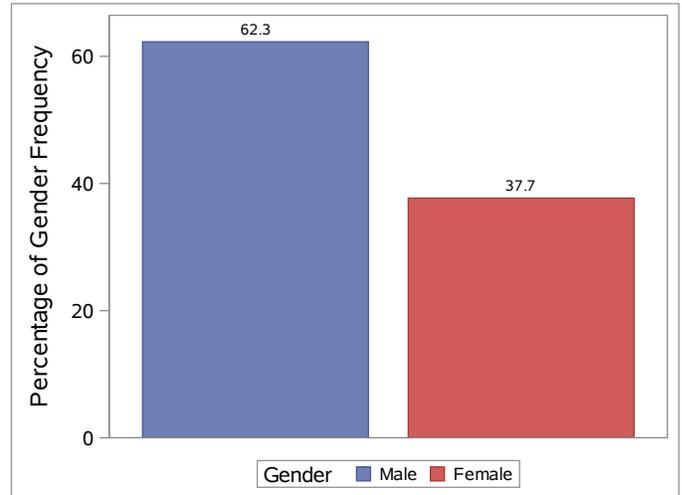
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Motor Vehicle Collision by Gender

2019

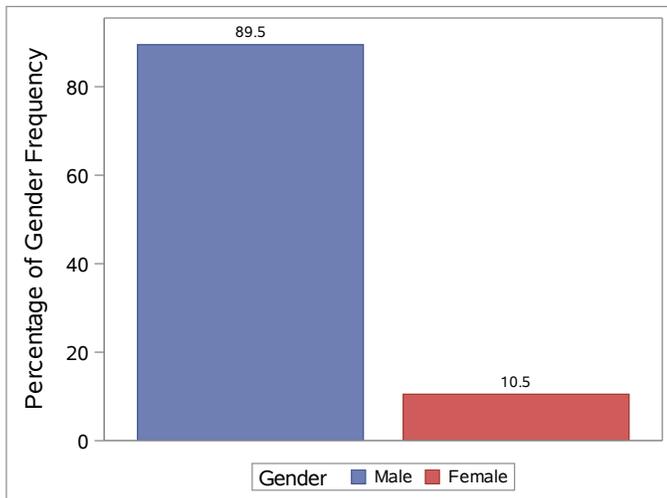


Race

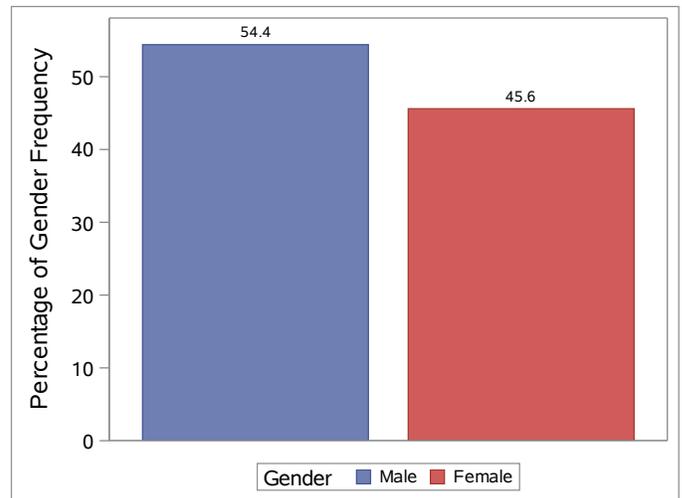


April 2019 - March 2020: MVC by Collision Type and Gender

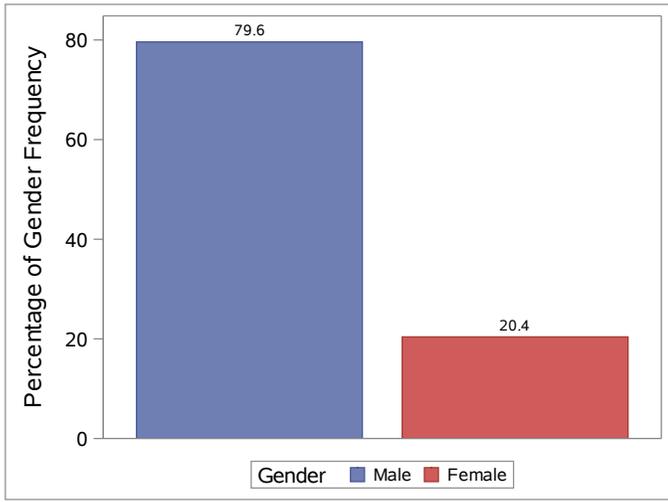
Motorcycle



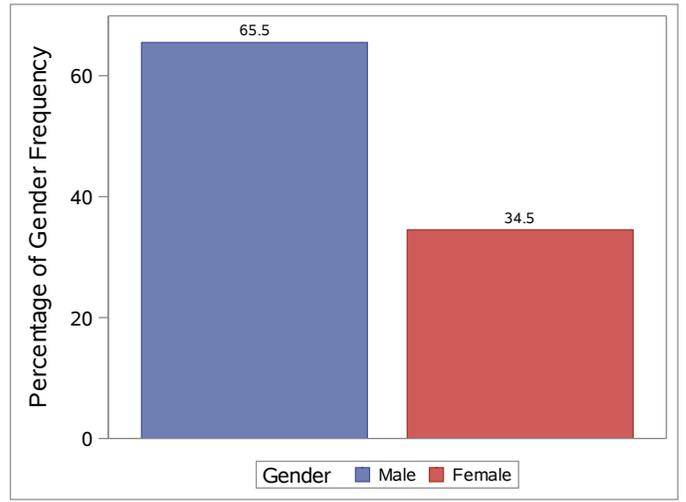
Automobile



Bicyclist



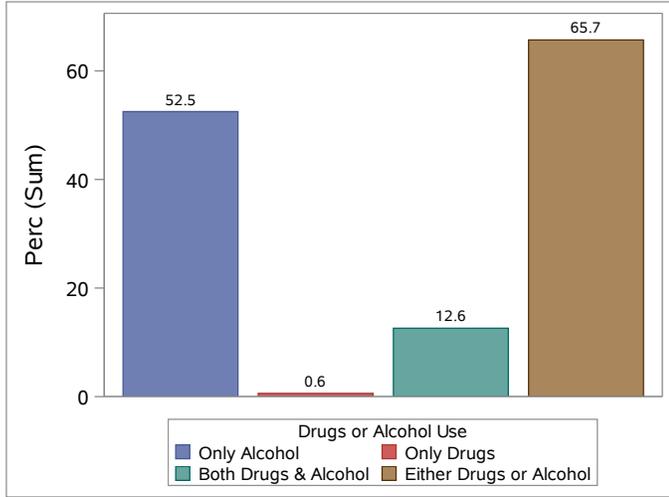
Pedestrian



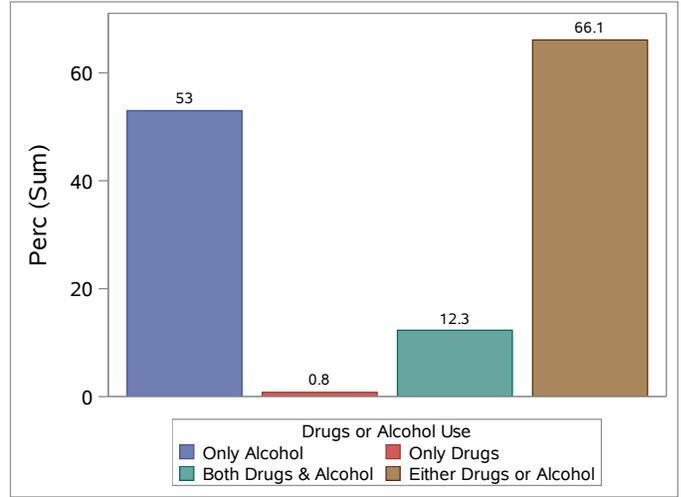
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Motor Vehicle Collision by Drug & Alcohol Use

2019

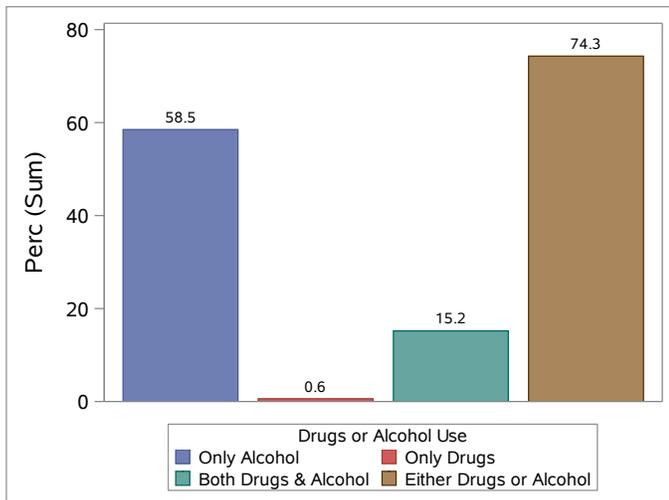


April 2019 - March 2020

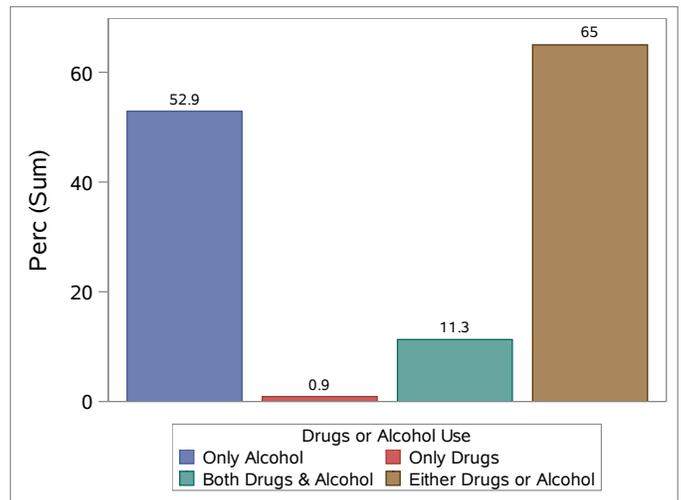


April 2019 - March 2020: MVC by Collision Type and Drug & Alcohol Use

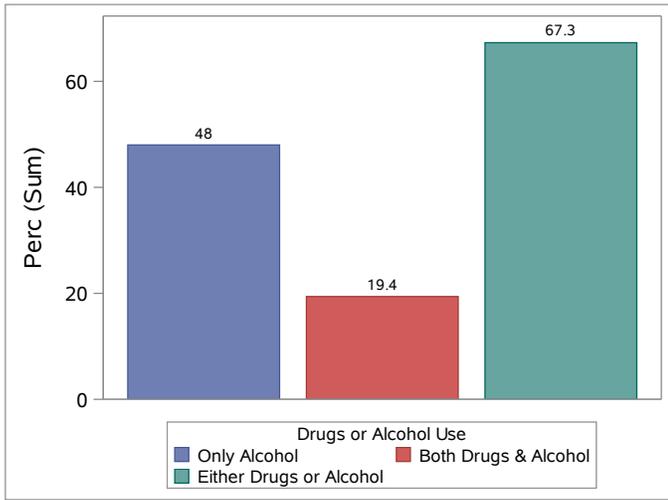
Motorcycle



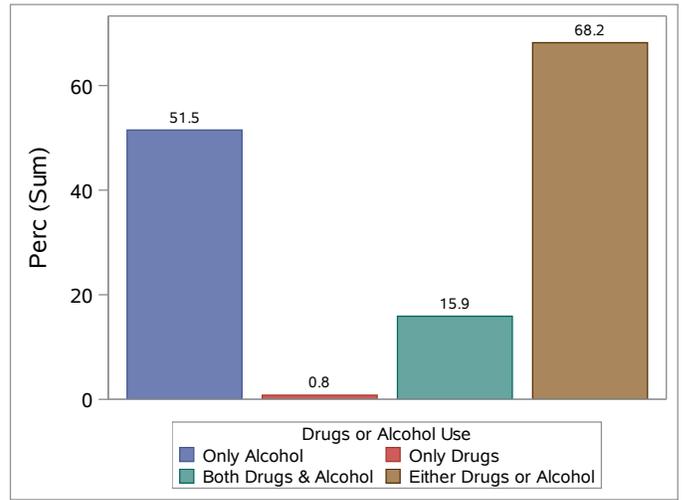
Automobile



Bicyclist



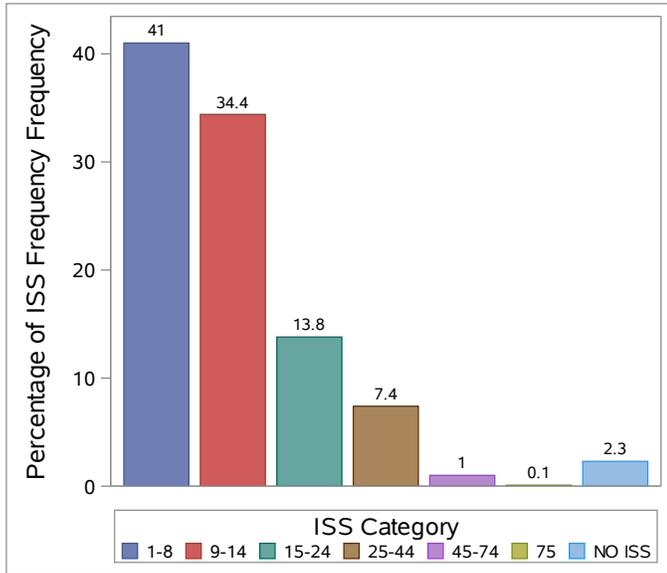
Pedestrian



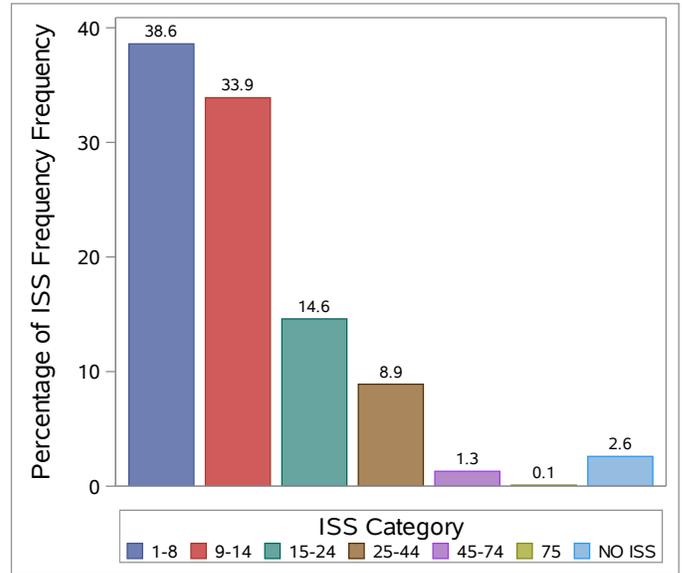
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Motor Vehicle Collision by Injury Severity Score

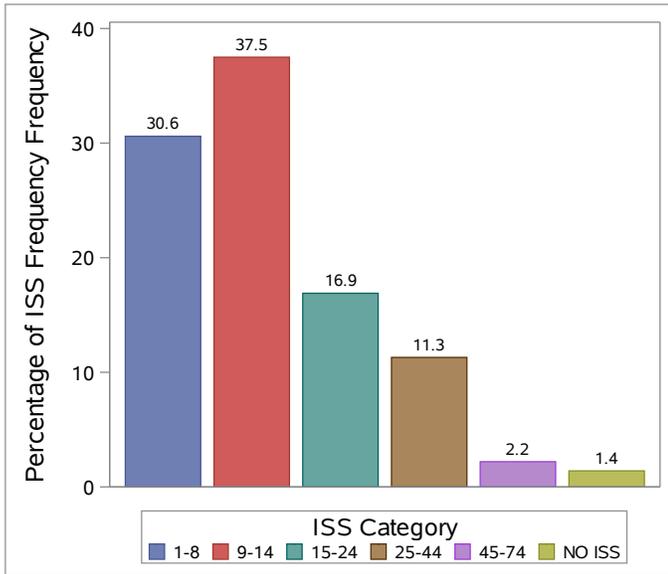
2019



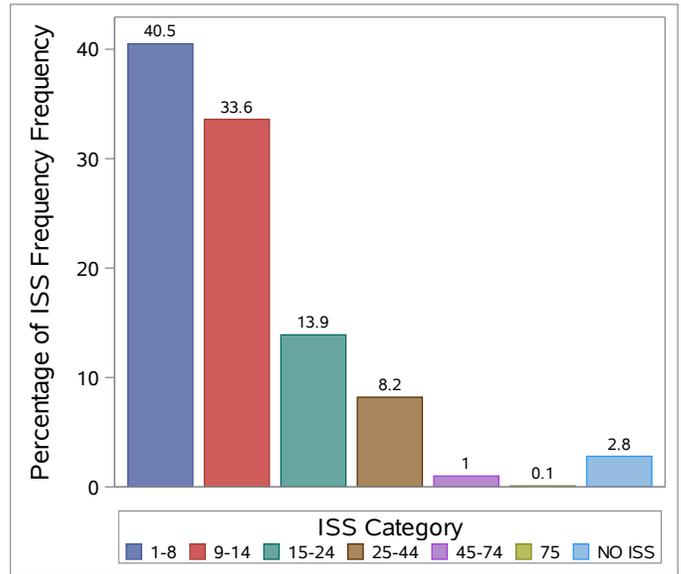
April 2019 - March 2020



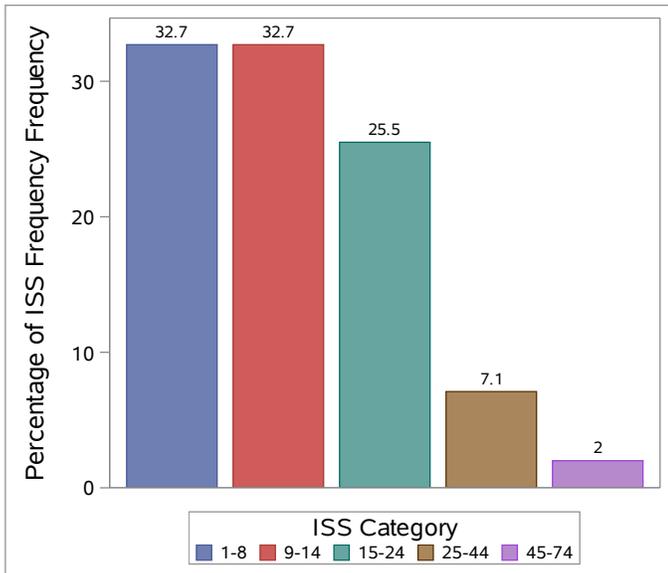
Motorcycle: Jan 2019 - Dec 2019



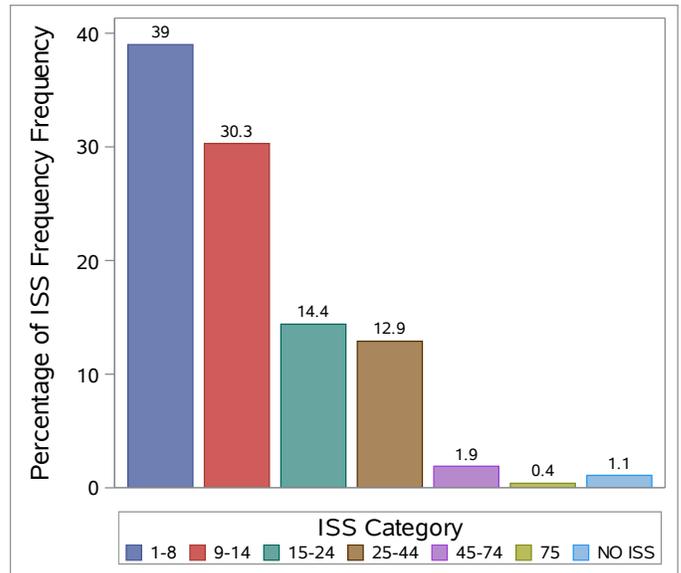
Automobile: Jan 2019 - Dec 2019



Bicyclist: Jan 2019 - Dec 2019



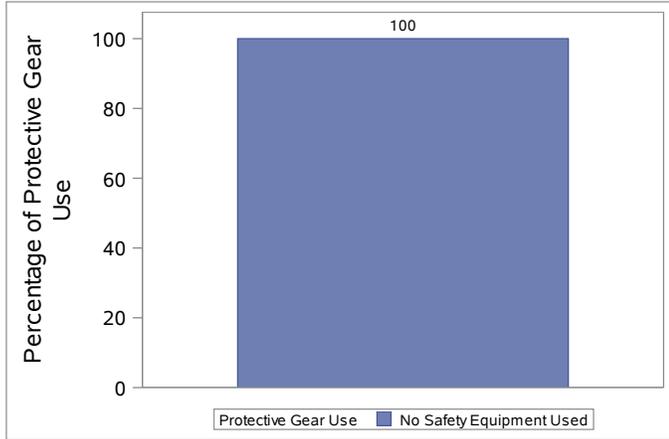
Pedestrian: Jan 2019 - Dec 2019



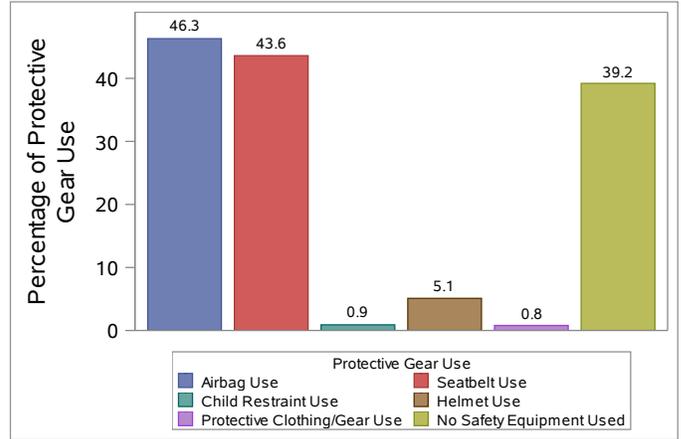
March 2020 Indiana Trauma Registry Report

Motor Vehicle Collision by Protective Devices

2019

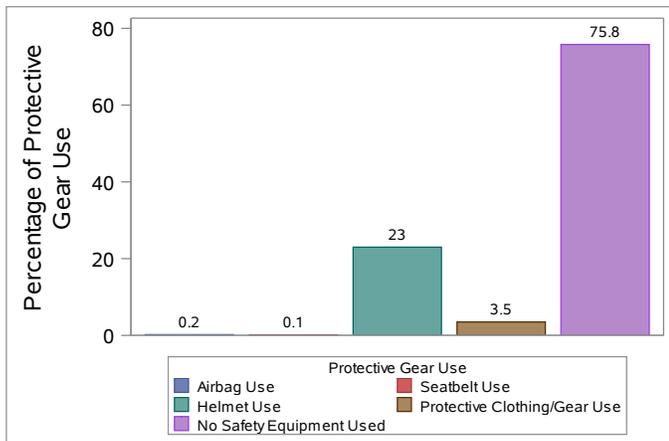


April 2019 - March 2020

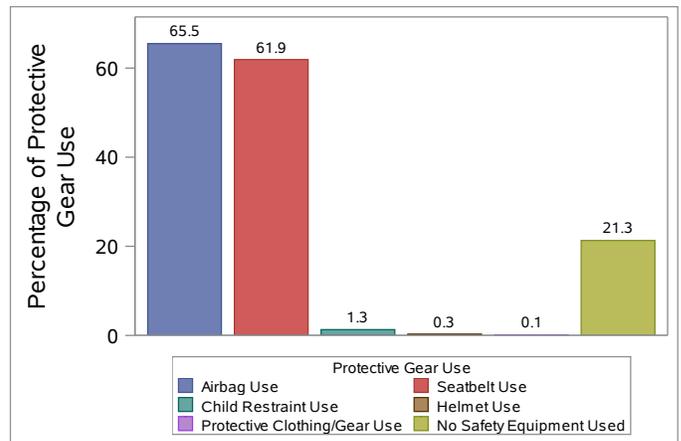


April 2019 - March 2020: MVC by Collision Type and Protective Gear Use

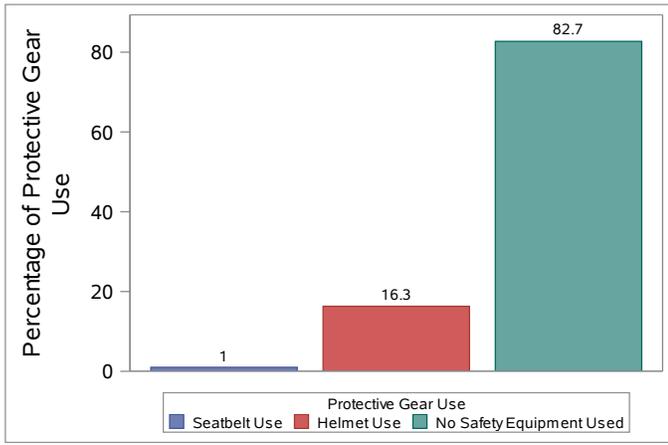
Motorcycle



Automobile



Bicyclist



Pedestrian

