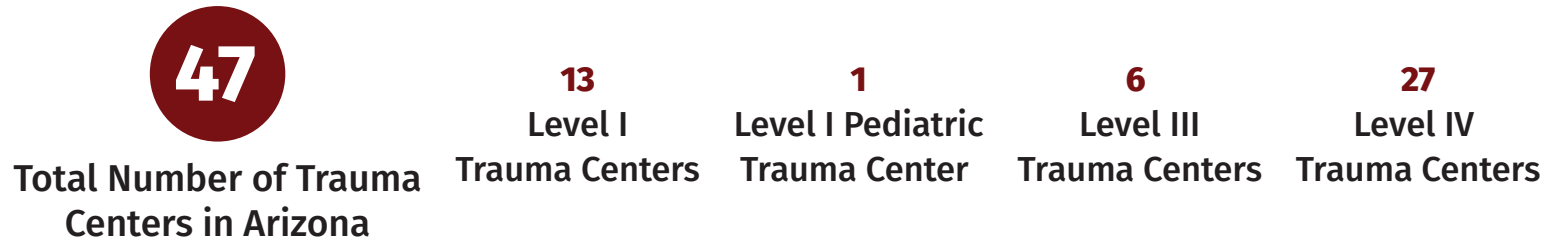


2020 Arizona Trauma System Snapshot



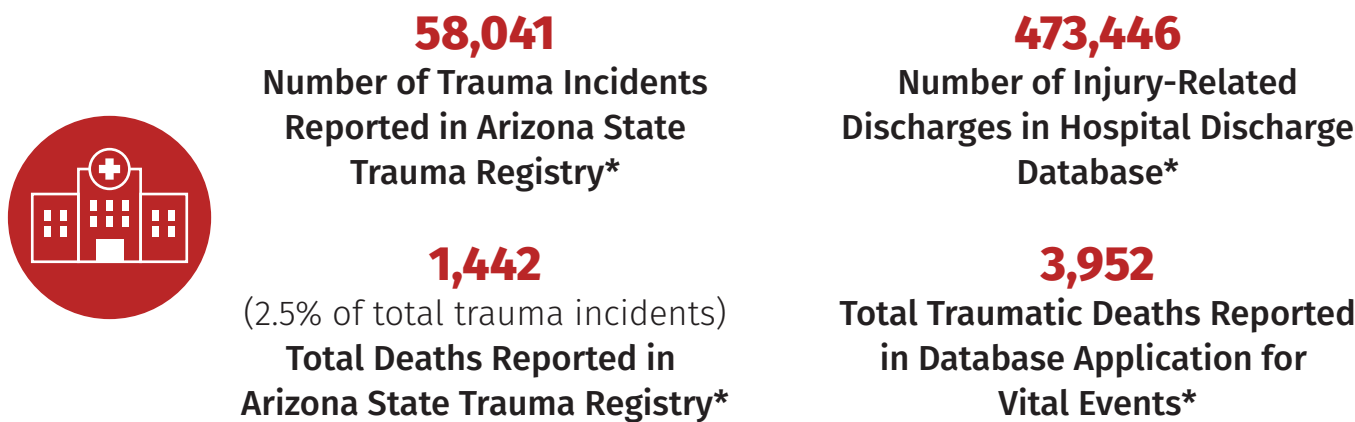
Trauma Centers



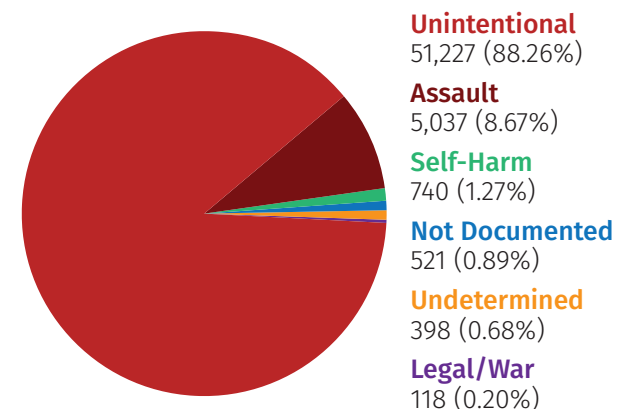
Designated Arizona Trauma Centers



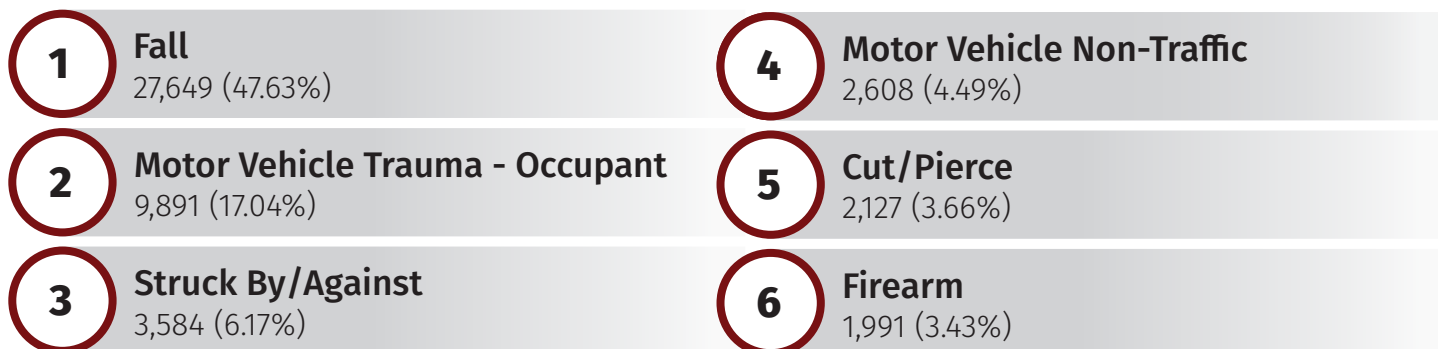
Trauma Incidents Reported



Intent of Injury Count (Percent of Total Trauma Cases)



Top 6 Mechanisms of Injury Count (Percent of Total Trauma Cases)



Of the top 6 Mechanisms of Injury, **Firearms** had the highest mortality proportion, followed by **Motor Vehicle Trauma - Occupant**.



Firearms
14.22%



Motor Vehicle Trauma - Occupant
2.04%



6,214 (10.7% of total trauma incidents) involved pediatric patients



Median Injury to Emergency Department Arrival Time

Urban 48 Minutes
Rural 79 Minutes

Risk and Protective Factors - Highlights

Males had a mortality rate over **two times** higher than females



67% of MVT occupants were using a passenger restraint



25% of trauma patients were suspected or confirmed of being under the influence of drugs or alcohol

55% of motorcyclists, **41%** of pedal-cyclists, and **less than 1/3** of off-road vehicle occupants were wearing a helmet when involved in a trauma



*The data included in this report includes incidents of traumatic injury with an Emergency Department Hospital Arrival Date between January 1, 2020 and December 31, 2020 reported from facilities participating in the Arizona State Trauma Registry (ASTR) only. Trauma injury and mortality reported in ASTR are compared to the Hospital Discharge Database (HDD) and Vital Statistics Information Management System's Database Applications for Vital Events (DAVE) to demonstrate the total impact of trauma injuries and deaths that occurred outside of designated trauma centers.