

Time can mean the difference between life and death when a traumatic injury occurs. Arkansas is fortunate to have the **Arkansas Trauma System (ATS)**. This coordinated system of care was created through Act 393 of 2009. The ATS links first responders to hospitals so **that Arkansans who have suffered an injury get the fastest route to the care they need.**

The Arkansas Department of Health (ADH):

Designates trauma hospitals by level. Levels range from I to IV. Level I hospitals are equipped to handle the most severe trauma cases.

62

Arkansas Trauma System Trauma Centers:
6 Level I
5 Level II
18 Level III
33 Level IV

Provides grant funding to hospitals and EMS providers for education and other programs. One example is the Trauma Nursing Core Course (TNCC), which is required for nurses.

7,054

nurses across the state have been trained in TNCC since 2009.

Funds an Arkansas Trauma Call Center (TraumaCom). TraumaCom is **the only** statewide, centralized center for EMS and Emergency Depts. in the country that coordinates both pre-hospital and inter-facility patient transfer.

50,888

trauma patient transfers have been coordinated through TraumaCom.

A study that examined the outcomes of the Arkansas Trauma System (ATS) showed that from 2009 to 2014, **the system decreased preventable mortality by 50%**. This means people who previously may not have survived their injuries are alive today.

The Arkansas Trauma System leads the nation.

ATS is **the first** to have telemedicine evaluation for patients with hand trauma and burns. This allows patients to stay in-state for hand and burn treatment, rather than have them go out-of-state for specialty care.

3,133

hand trauma cases have been evaluated &

3,565

burn cases have been evaluated. The % of patients transferred out of state has decreased from 12% to 1%.

The Trauma Image Repository forwards images to a facility ahead of a patient who is being transferred, to speed up care and eliminate the need for duplicate testing.

22 million

trauma images, like x-rays and ultrasounds, have been sent through the Picture Archiving and Communication System (PACS) to be viewed by receiving hospitals.

Arkansas is **the only state in the nation** with an ongoing Preventable Mortality Review. This review informs educational programs, protocols, and standards to save the lives of our citizens.

820

trauma cases have been reviewed to help inform programs and develop trauma care guidelines.

The TraumaCom system communicates with ambulances and EMS on a single communication system (AWIN). AWIN radios allow EMS to connect even if cell phone service is down, like in a disaster or mass event.

611

AWIN Radios have been purchased for Arkansas EMS services.