



**Center for Traffic Safety Research
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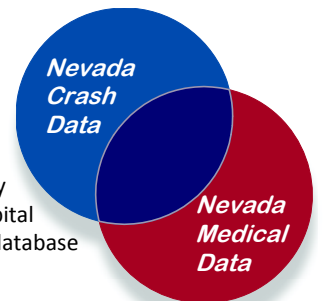


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The University of Nevada School of Medicine (UNSON) and the Nevada Department of Public Safety, Office of Traffic Safety formed a partnership to establish a state repository for the storage of medical information regarding traffic related injuries, deaths and crash records.

In 2011 Nevada Motor Vehicle Crash records from 2005-2010 were linked to Nevada trauma records from the four Nevada trauma centers; University Medical Center, Renown Regional Medical Center, St. Rose Dominican Hospital and Sunrise Medical Center. These records were linked to create a unique database that includes crash scene data, EMS and hospital information.

This repository is the first of its kind in the State of Nevada to allow the tracking of information from the crash scene to a patient's hospital discharge. This integrated information allows us to better understand the impact of crashes on human life, cost of care to our medical facilities and our state economy.



Northern Nevada vs Southern Nevada 2005-2010

Is there a difference in safety issues when we examine geographic location?

11,896 linked NDOT/motor vehicle trauma records were examined to see if there were any significant safety issues when looking at the difference between Northern and Southern Nevada.

- Southern Nevada had a 60% *higher rate* of not using seatbelts (24% vs 15%).
- Alcohol or drug use were similar, with Southern Nevada slightly higher (20% vs 17%).
- When alcohol or drugs use was reported, Southern Nevada had a 52% *higher rate* of not using seatbelts (38% vs 25%).
- When moderate and severe injuries are combined, the percentage of Southern Nevada's injuries for this group was nearly twice as high (32% vs 17%) as those reported for Northern Nevada.

