

## Emergency Response Times in Motor Vehicle Crashes

Getting care is crucial when motor vehicle crashes are reported to public safety agencies, and Emergency Medical Services (EMS) personnel strive to respond as quickly as possible. Source: 2012 Arizona Prehospital Information and EMS Registry System ([AZ-PIERS](#)).

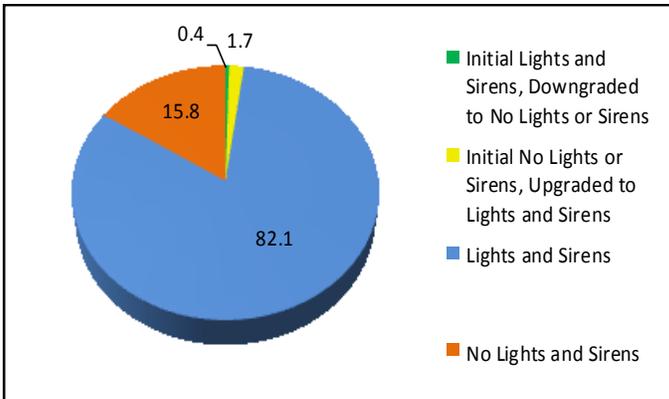


FIGURE 1: How EMS responds to 911 calls

Eight percent (8%) of Arizona's emergency responses in 2012 were for motor vehicle crashes. Of these responses, 82% involved EMS agencies responding with light and sirens (Figure 1).

Most calls in 2012 took 30-44 minutes for patients to arrive at the hospital after an EMS agency received the 911 call (Figure 2). The median time was 36 minutes, with a majority taking less than 40 minutes. These figures represent both urban and rural incident times (actual times differ by location and circumstances).

### Arizona's EMS & Trauma System

Rapid response to motor vehicle crashes is possible due to the cooperation of Arizona's [EMS and Trauma System](#) that includes 31 designated trauma centers, several ambulance services, fire departments, law enforcement and transportation agencies.

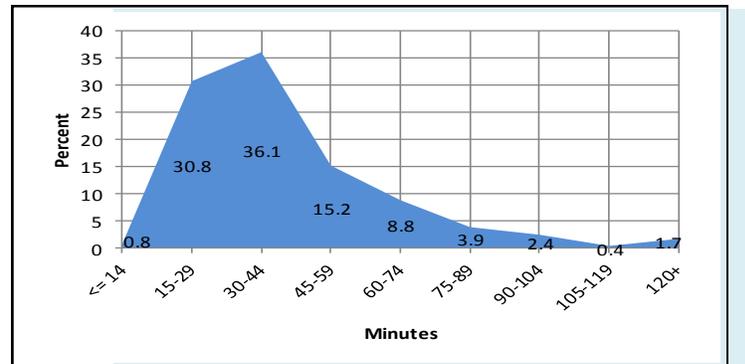


FIGURE 2: Elapsed time from 911 contact to hospital arrival

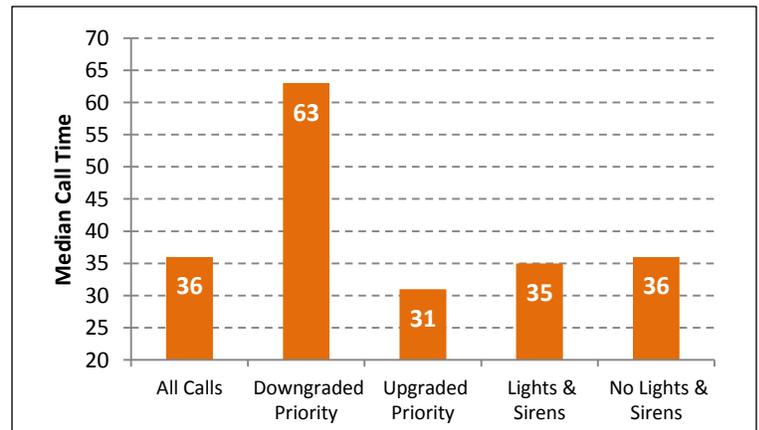


FIGURE 3: Median call length by type of EMS response

#### ADDITIONAL RESOURCES:

Governor's Office of Highway Safety: <http://www.azgohs.gov/>  
 Arizona Dept of Health Services: <http://www.azdhs.gov/>

Arizona Crash Facts: <http://www.azdot.gov/mvd/statistics/crash/index.asp>  
 Bureau of EMS & Trauma System: <http://www.azdhs.gov/bems/index.htm>