

POST-CRASH CARE



PROBLEM IDENTIFICATION

911 DISPATCHED EMS TO
1.5 MILLION CRASHES¹

National EMS Information System (NEMSIS)



40%
WERE ALIVE
WHEN FIRST RESPONDERS
ARRIVED, BUT LATER DIED³

FARS



42,939
PEOPLE DIED
IN TRAFFIC CRASHES
IN 2021²

Fatality Analysis Reporting System (FARS)

8,747
EMS RESPONSES TO
CRASHES IN WHICH A VEHICLE
OCCUPANT WAS PARTIALLY OR
COMPLETELY EJECTED⁴

NEMSIS

48,517
INCIDENTS
INVOLVED VEHICLE
EXTRICATIONS⁵

National Fire Incident Reporting System (NFIRS)

169,462
EMS RESPONSES
TO SERIOUSLY INJURED
CRASH PATIENTS⁶

NEMSIS

COUNTERMEASURES



**EMERGENCY
MEDICAL
DISPATCH**
(EMD) 911 PROTOCOLS



**TIMELY
ON-SCENE CARE**
USING MODEL EMS
CLINICAL GUIDELINES



**TRANSPORTATION
TO A TRAUMA CENTER**
BASED ON NATIONAL FIELD TRAUMA
TRIAGE GUIDELINES



**PERFORMANCE
MEASUREMENT**
FOR CONTINUOUS QUALITY
IMPROVEMENT AND SEAMLESS,
LINKED AND DATA-DRIVEN CARE

HIGHWAY SAFETY PLANNING



1. ACCESS 911 AND EMS DATA THROUGH YOUR STATE'S EMS DATABASE



**2. COORDINATE POST-CRASH CARE BETWEEN HIGHWAY SAFETY,
EMS AND 911**



3. INTEGRATE POST-CRASH CARE INTO YOUR HIGHWAY SAFETY PLAN

References

1. NEMSIS Database, 2022 data. Report generated 5/2/23.
2. FARS 2021 Annual Report File (ARF). Report generated 5/5/23, Version 5.5, released 4/3/23.
3. FARS 2021 ARF. Report generated 5/5/23, Version 5.5, released 4/3/23.
4. NEMSIS Database, 2022 data. Report generated 5/16/23. Number of EMS Responses to Crashes in which a Vehicle Occupant was Partially or Completely Ejected includes EMS activations with elnjury_01 equal to ICD-10-CM codes within the following ranges: V40-V49, V50-V59, V60-69, or V70-79.

Note: NEMSIS continuously receives data from clinical electronic patient care reports. These data may change as records are received or corrected.

5. Preliminary data from NFIRS Data Warehouse as of 4/26/23. Note: NFIRS is not a repository of all incidents that occur in the United States.

6. NEMSIS Database, 2022 data. Report generated 5/2/23.