

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
EXTRICATION⁵

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.