

# EVOLUTION OF THE FOUR E'S: HOW 2020 HAS LED EMS TO SAFE SYSTEMS

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CREDIT DELAWARE  
PUBLIC MEDIA





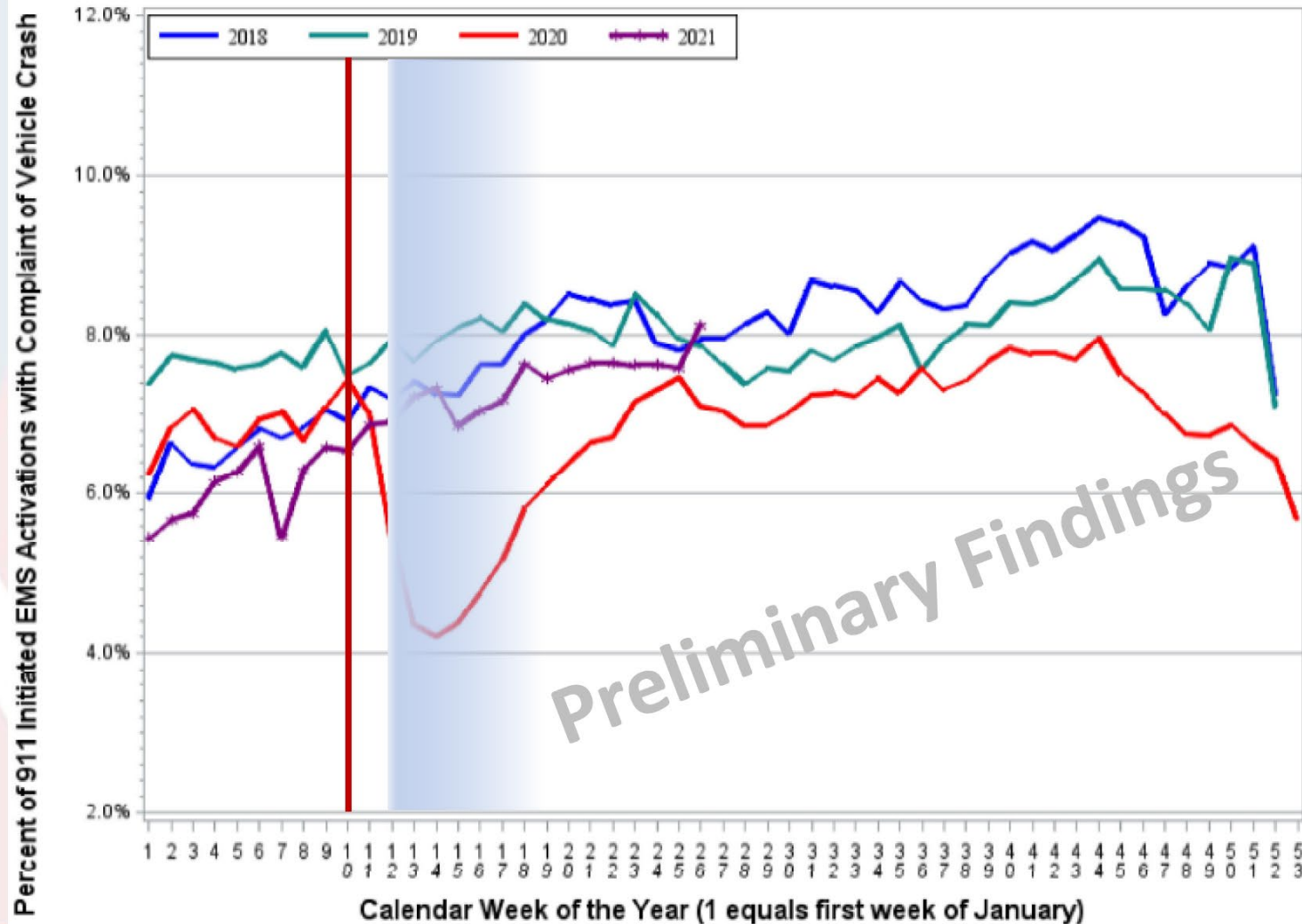
CREDIT: THE  
TELEGRAPH/HEARST  
COMMUNICATIONS

# EMERGENCY MEDICAL SERVICES' D “DRIVERS”

- Detection
- Distance
- Destination determinations
- DATA

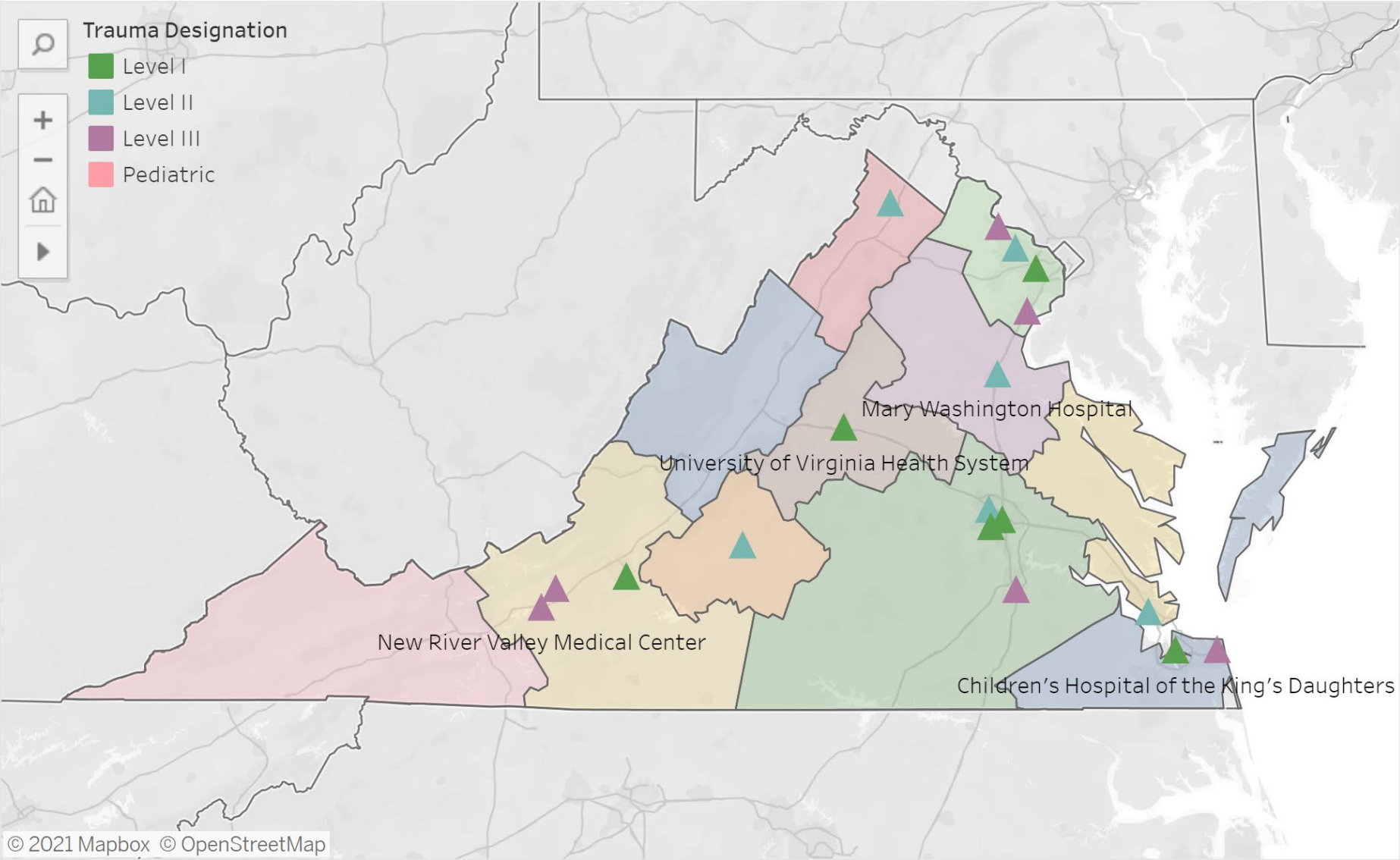


# Rate of Vehicle Crash Activations



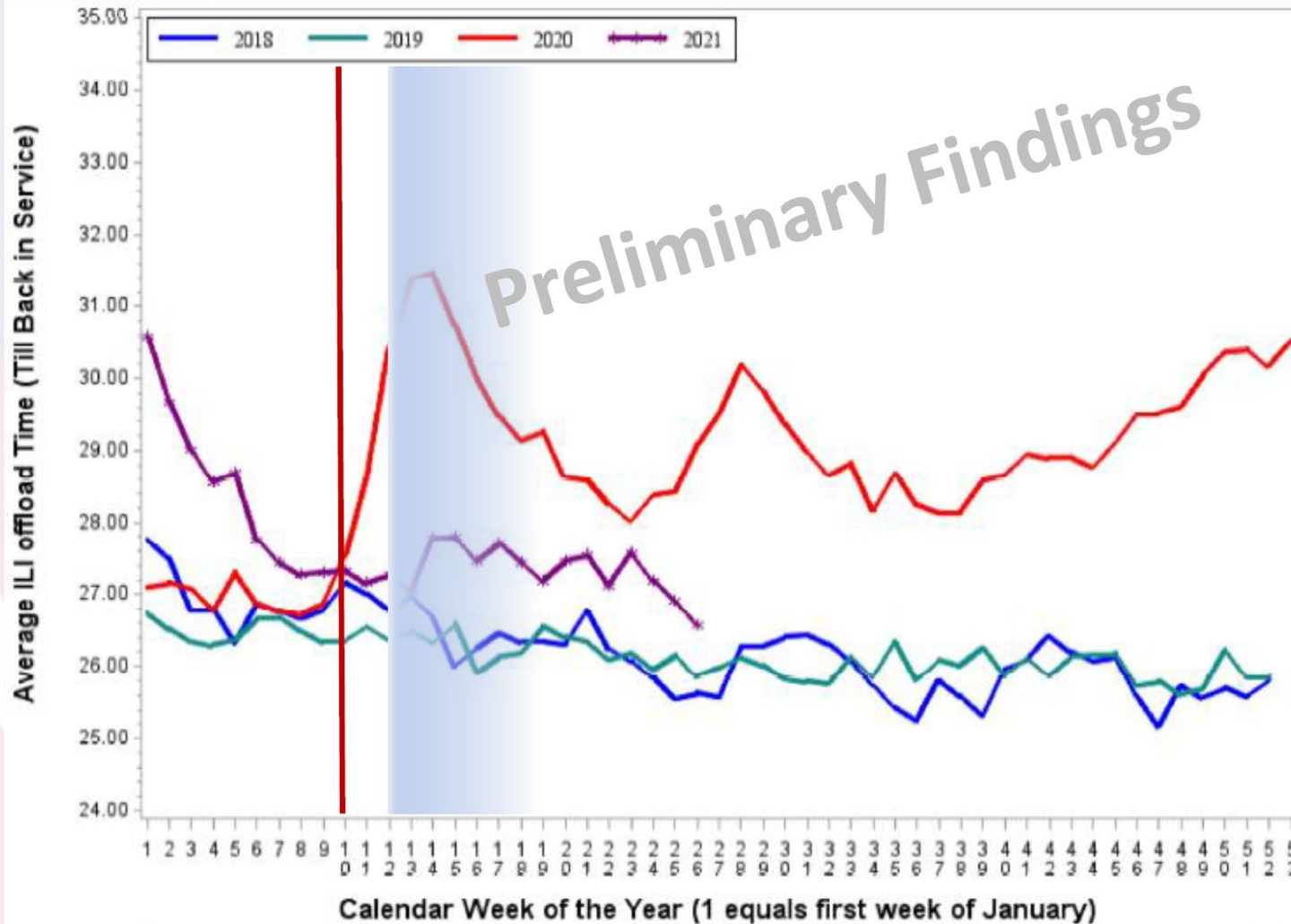
Preliminary Findings

# Virginia Trauma Center Map as of May 2020

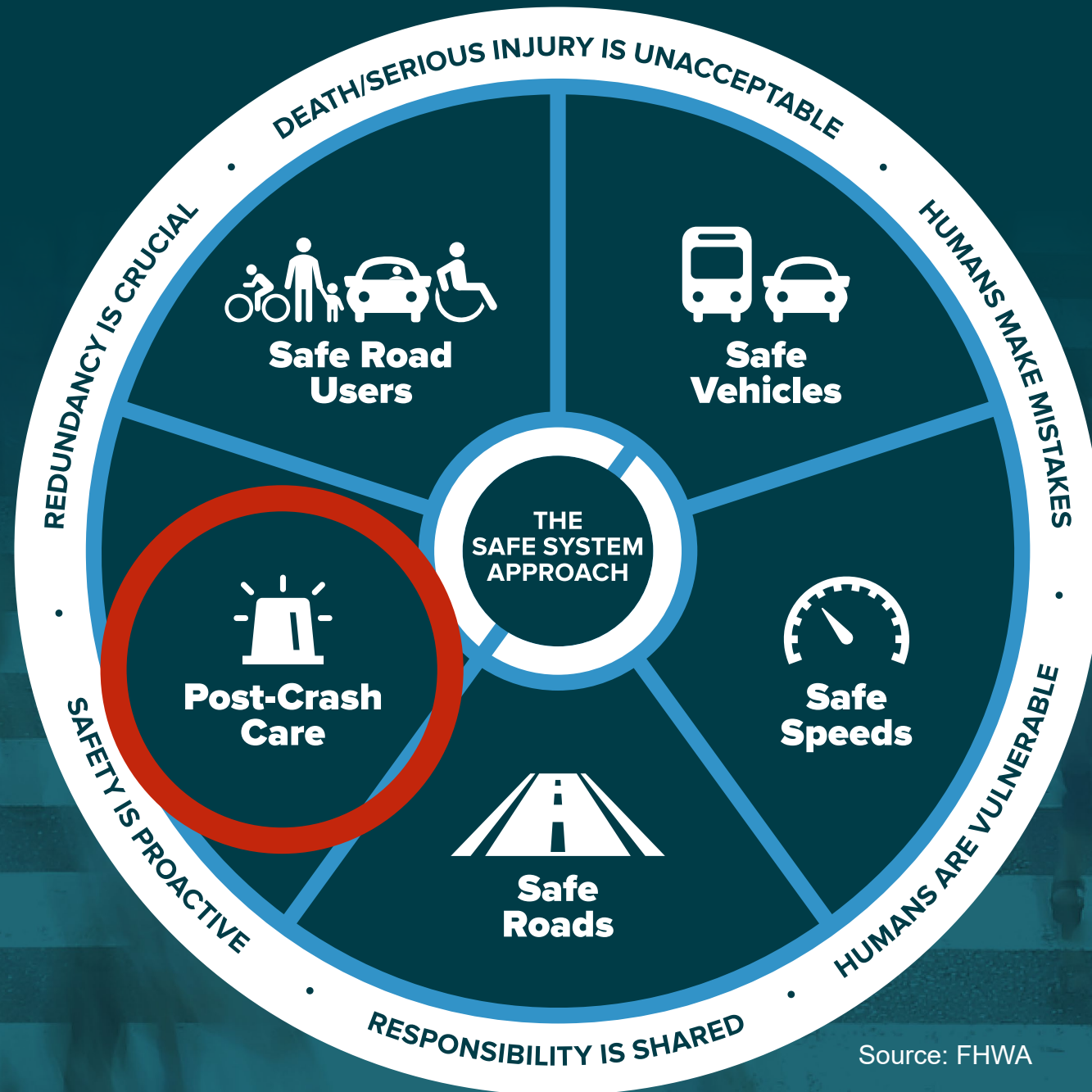


CREDIT:VA OEMS

# Average ILI Offload Time



# THE SAFE SYSTEM APPROACH

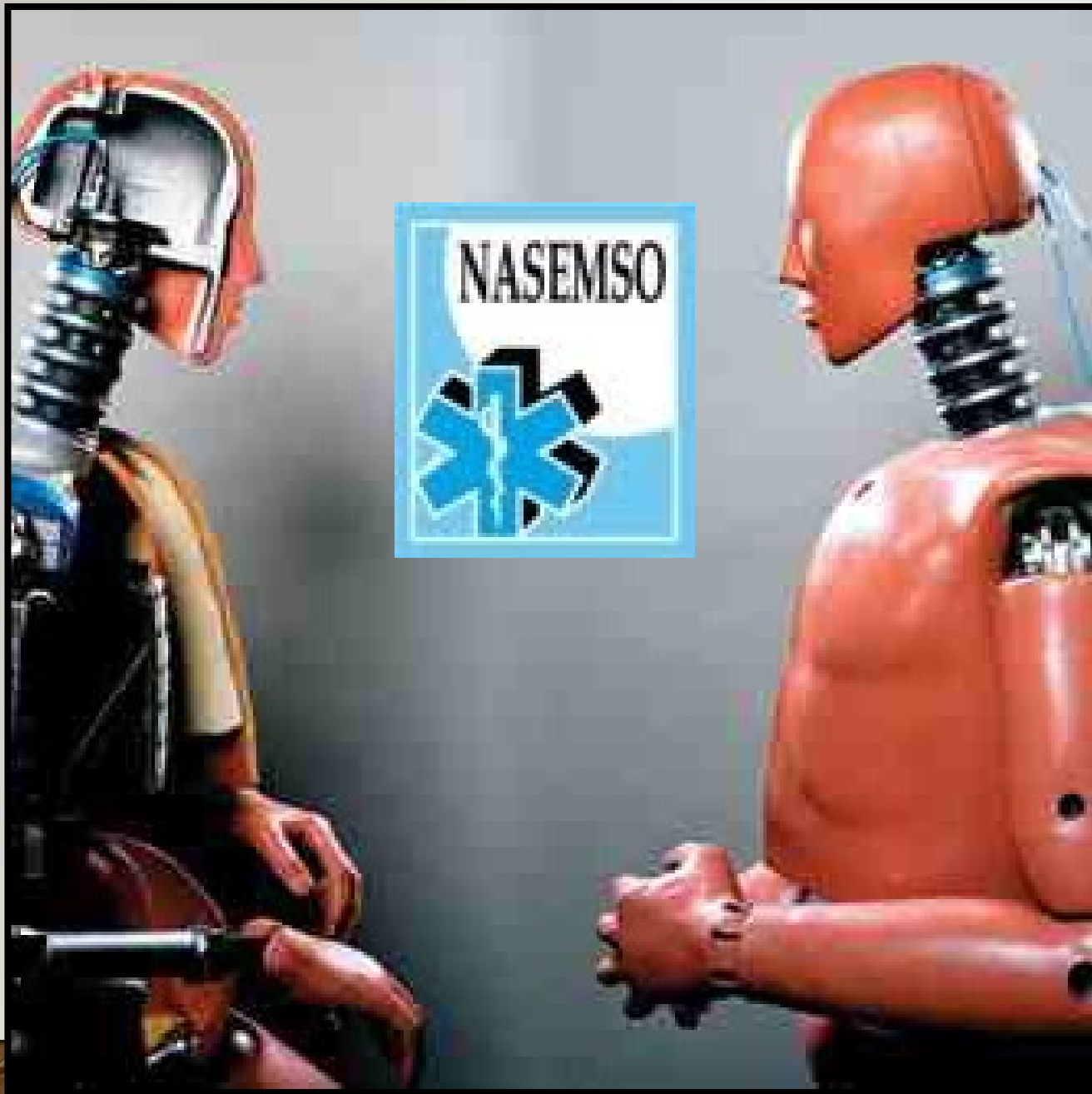


Source: FHWA



# OBJECTIVES FOR THE “4<sup>TH</sup> E” AND POST-CRASH CARE ELEMENT OF SAFE SYSTEMS:

- Instantly detect and transmit information about incidents
- Use mechanisms to offset the effects of distance (response time and transport time)
- Dynamically select routes for transport and hospital destinations
- Use VA OEMS’ National EMS Information System data to uncover new solutions to reduce morbidity and mortality



# Thank You

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