

Ongoing Projects from the NHTSA Office of Emergency Medical Services

August 29, 2012



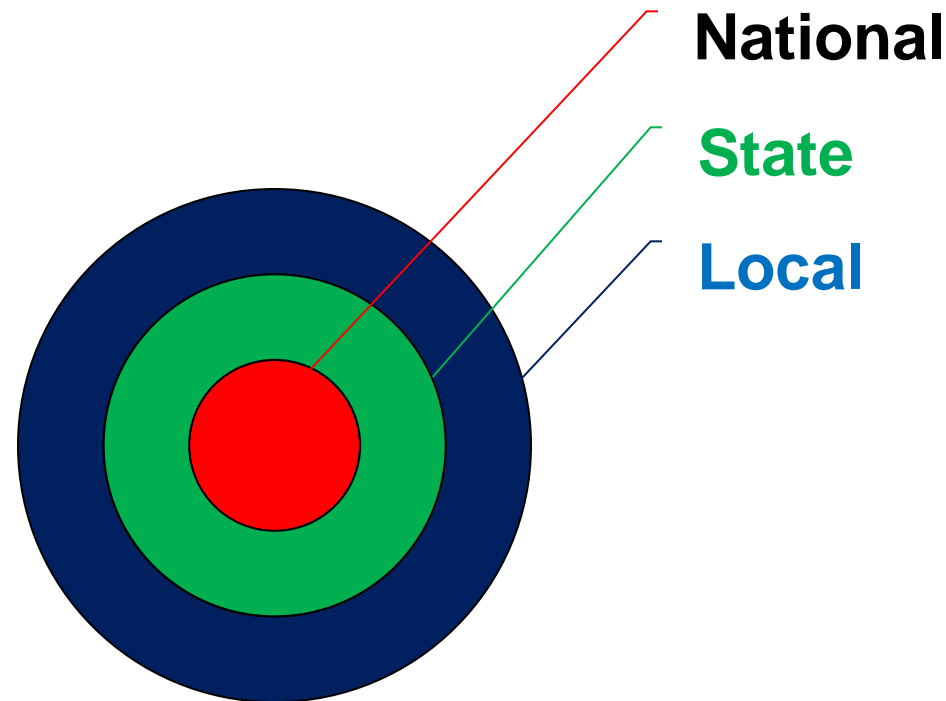
Promoting Comprehensive, Evidence-based EMS and 9-1-1 Systems

- ▶ **National EMS Data Standardization and Research**
- ▶ Promoting Safety and a Prepared Workforce
- ▶ Promoting a Systems Approach to EMS Education
- ▶ Supporting the Federal Role in EMS Disaster Preparedness
- ▶ Housing the National 9-1-1 Program
- ▶ Coordination with our Federal EMS and 9-1-1 Partners



National EMS Information System

- ▶ A national effort to standardize the data collected by EMS agencies
 - ▶ 35 States reporting to the National EMS Database
 - ▶ 26 million patient care records for research
- ▶ Progressing on HL7 certification to integrate the EMS record with the hospital record



State EMS System Assessment Program

- ▶ At the request and expense of the State EMS Program and/or State Highway Safety Office
- ▶ Evaluates the Statewide EMS System against an objective benchmark, using Subject Matter Experts
 - ▶ State Assessment Guidelines
- ▶ Provides evidence/leverage for States in improving and enhancing their EMS system
- ▶ All 50 States Assessed
- ▶ 22 States Reassessed



Evidence-based Guideline Development and Implementation

- ▶ NHTSA promotes an evidentiary basis for the practice of EMS
- ▶ A model evidence-based guideline process was approved by FICEMS and NEMSAC and is available at www.EMS.gov
- ▶ NHTSA and EMSC are pilot testing several EBGs and exploring the long-term feasibility of the model
- ▶ Evaluation of pilot-tested EBGs focuses on impact of protocols on patient care and training effectiveness



Emerging Issues in EMS and 9-1-1

- ▶ **Purpose: Produce up to 5 White Papers on emerging issues in EMS & 911**
 - ▶ Projects to be identified by NHTSA/OEMS & NEMSAC
 - ▶ Describe the current state of the science
 - ▶ May include stakeholder input
- ▶ **2 white papers under way**
 - ▶ Successful Strategies for Research in Prehospital Care
 - ▶ Essential Services, the Public Good & EMS
- ▶ **Other topics being considered**
 - ▶ Emerging technologies in EMS & 911
 - ▶ Use of lights and sirens
 - ▶ ...



National EMS Assessment

- ▶ 2011 National EMS Assessment
 - ▶ First ever **national** assessment of EMS systems
 - ▶ “Snapshot” using existing and available data
 - ▶ Gaps identified in EMS data and availability
- ▶ Development of Ongoing National EMS Assessment Process
 - ▶ Process must be sustainable
 - ▶ Focus on most important variables
 - ▶ Ability to measure trends over time



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Ground Ambulance Safety

- ▶ NHTSA Special Crash Investigations (SCI) doing ground ambulance crash investigations
- ▶ NHTSA Office of Defects Investigations (ODI) tracking ground ambulance safety issues
- ▶ Working collaboratively with NIOSH in a 4-year effort to improve existing standards
- ▶ NFPA 1917 - Ambulance Standards Development
 - ▶ Non-voting ex-officio committee member
- ▶ Safely Transporting Children in Ambulances



EMS Workforce Agenda for the Future

- ▶ Workforce Agenda document published in 2011
- ▶ DOT collaborating with DoD and VA on civilian EMS opportunities for returning veterans
- ▶ National EMS Workforce Assessment
 - ▶ Science to guide policy development
- ▶ National EMS Workforce Data Definitions (pending)
- ▶ Longitudinal EMT Attributes and Demographics Study (LEADS) - Joint NREMT and NHTSA project
- ▶ NIOSH-NHTSA Data collection (NEISS project) on EMS worker injuries



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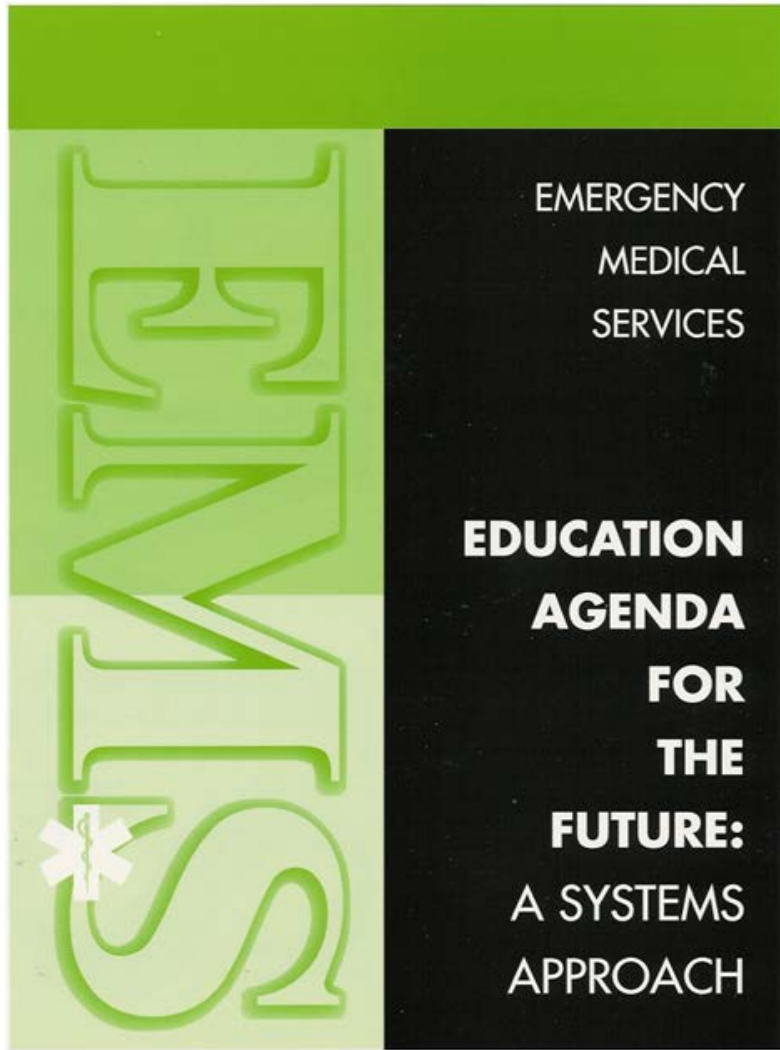
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EMS Education Agenda for the Future: A Systems Approach

- ▶ Sets a vision for national EMS education standards, core content and scopes of practice
- ▶ Implementation Strategy
 - ▶ National Association of State EMS Officials (NASEMSO) is leading the coordinated effort
 - ▶ Implementation toolkit available at www.nasemso.org
- ▶ NEMSAC hosted a Roundtable in March 2012 to explore a possible revision of the EMS Education Agenda for the Future

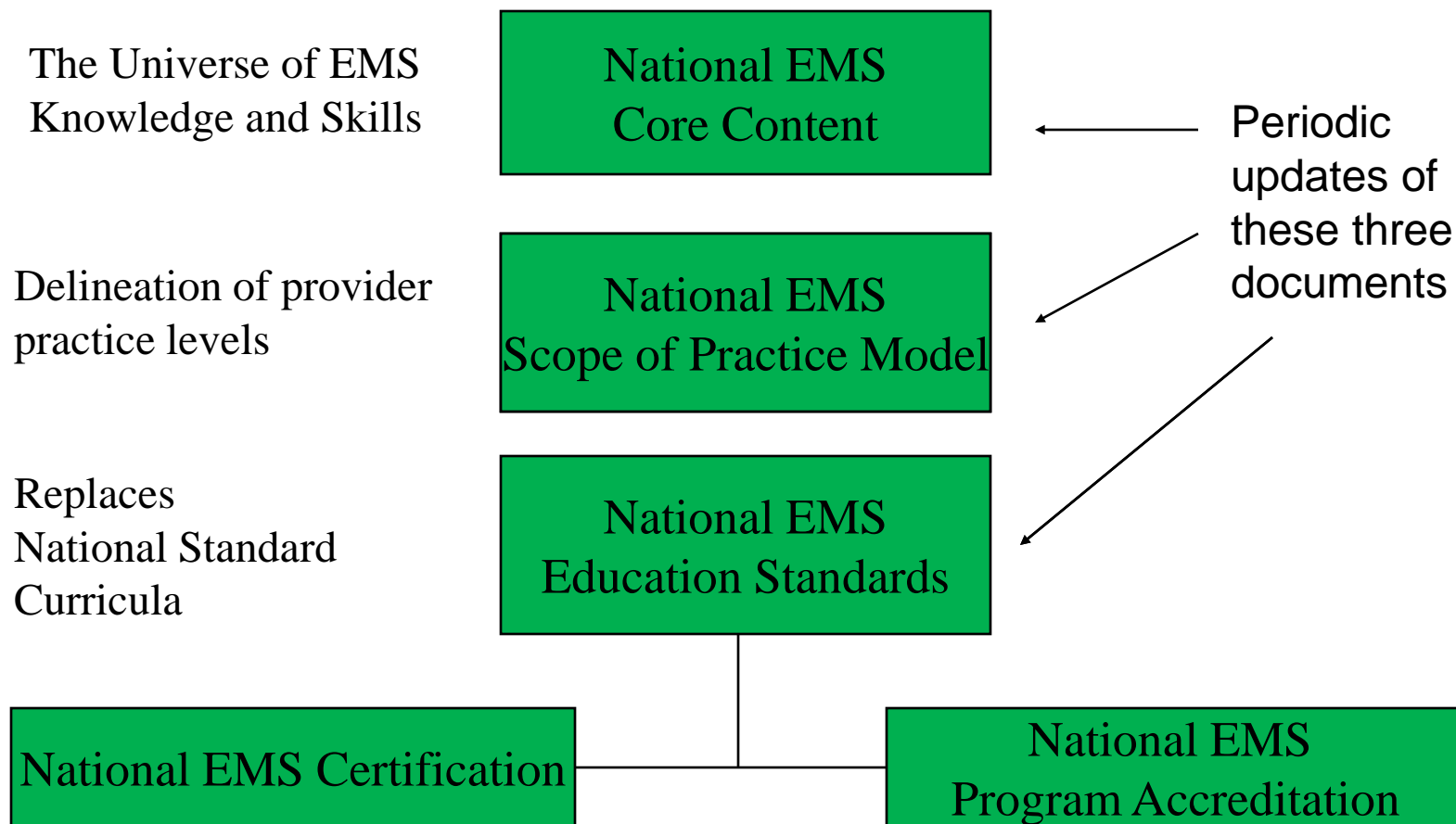




EMERGENCY
MEDICAL
SERVICES

**EDUCATION
AGENDA
FOR
THE
FUTURE:
A SYSTEMS
APPROACH**

The EMS Education Agenda for the Future: A Systems Approach



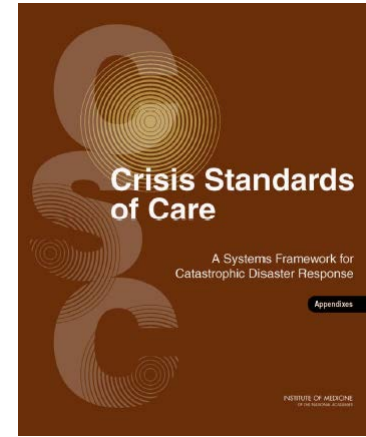
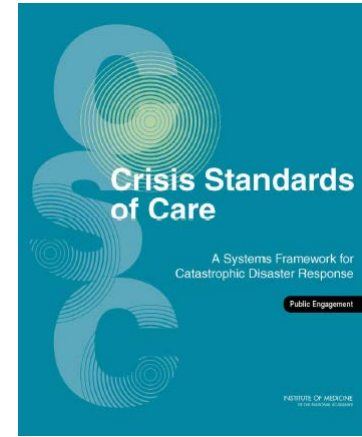
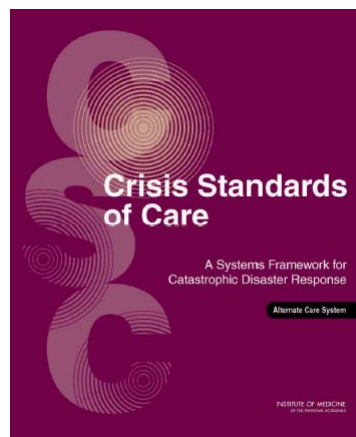
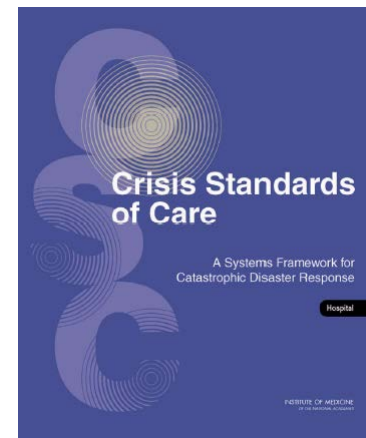
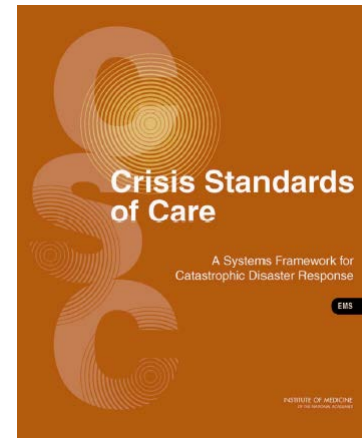
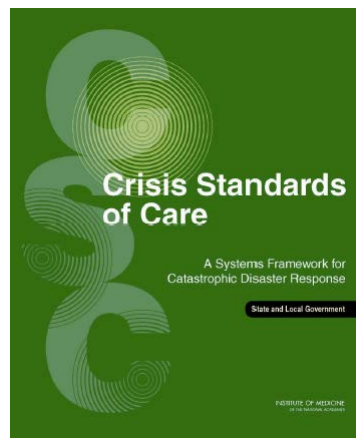
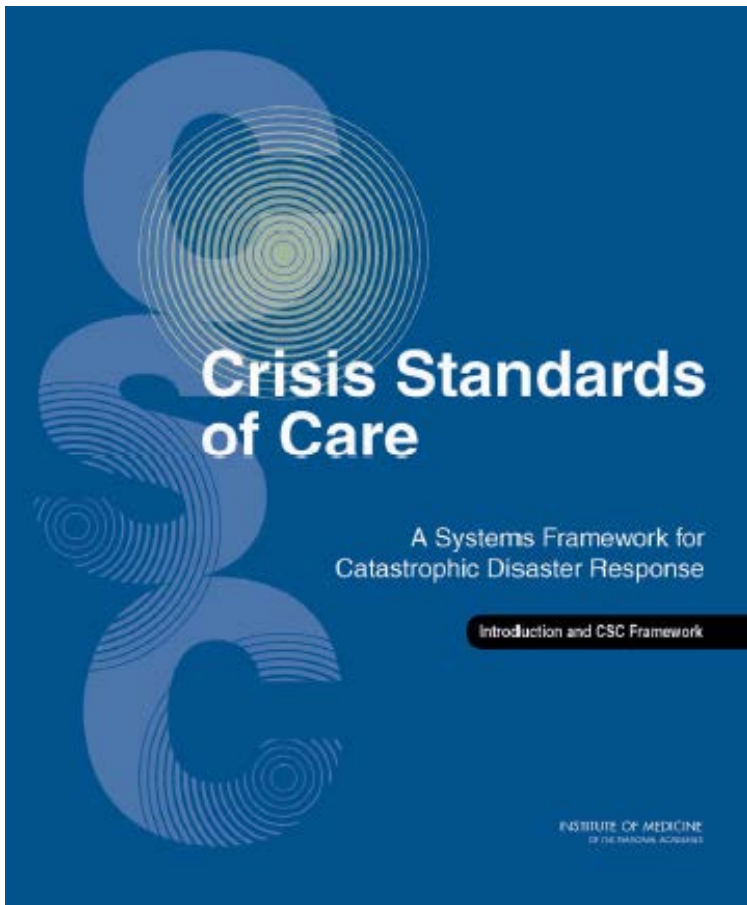
A single agency for each function- Standard exam, minimum competence, consumer protection

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IOM Crisis Standards of Care



IOM Crisis Standards of Care

- ▶ Full Chapter on Emergency Medical Services
 - ▶ “Federal disaster preparedness and response grants, contracts, and programs in [HHS], [DHS], [DoD], [DOT], and the [VA] [...] should integrate relevant crisis standards of care functions.”



Emergency Preparedness Grant Coordination MOU



Nicole Lurie

Nicole Lurie, MD, MSPH

JUN 28 2011

Date

2. Approved and accepted by the Director, Centers for Disease Control and Prevention, Department of Health and Human Services.

Thomas R. Frieden

Thomas R. Frieden, MD, MPH

JUL 18 2011

Date

3. Approved and accepted by the Office of the Administrator, Health Resources and Services Administration, Department of Health and Human Services.

Mary Wakefield

Mary Wakefield, PhD, RN

JUL 11 2011

Date

4. Approved and accepted by the Administrator, National Highway Traffic Safety Administration, Department of Transportation.

David L. Strickland

David L. Strickland, J.D.

JUL 14 2011

Date

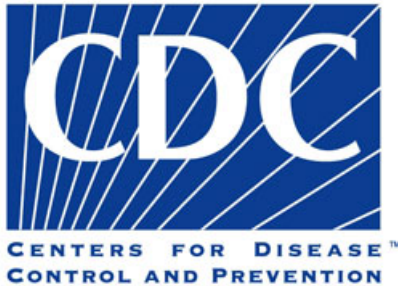
5. Approved and accepted by the Deputy Administrator, Federal Emergency Management Agency, Department of Homeland Security.

Richard Serino

Richard Serino

June 20, 2011

Date



FEMA



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National 911 Program

- ▶ Facilitate coordination among public and private stakeholders at local, State and Federal/national levels
- ▶ Serve as an information clearinghouse
- ▶ Administer grant program for the benefit of PSAPs
 - ▶ \$43.5 Million awarded September 2009
- ▶ Provide a Federal focus for 9-1-1
- ▶ Promote and support 9-1-1 services



Advanced Automatic Crash Notification

- ▶ Area of emphasis for NHTSA Administrator David Strickland
 - ▶ Potential of data in reducing crash-related fatalities
- ▶ Working with CDC to
 - ▶ Identify appropriate data elements
 - ▶ Identify appropriate technical methods for transmitting data
 - ▶ Identify appropriate protocols for incorporating AACN data into current practice

