



Office of Health Affairs

Towards Zero Preventable Deaths:
Strong Federal EMS Systems--A Key
Contributor



Homeland
Security

OHA Overview

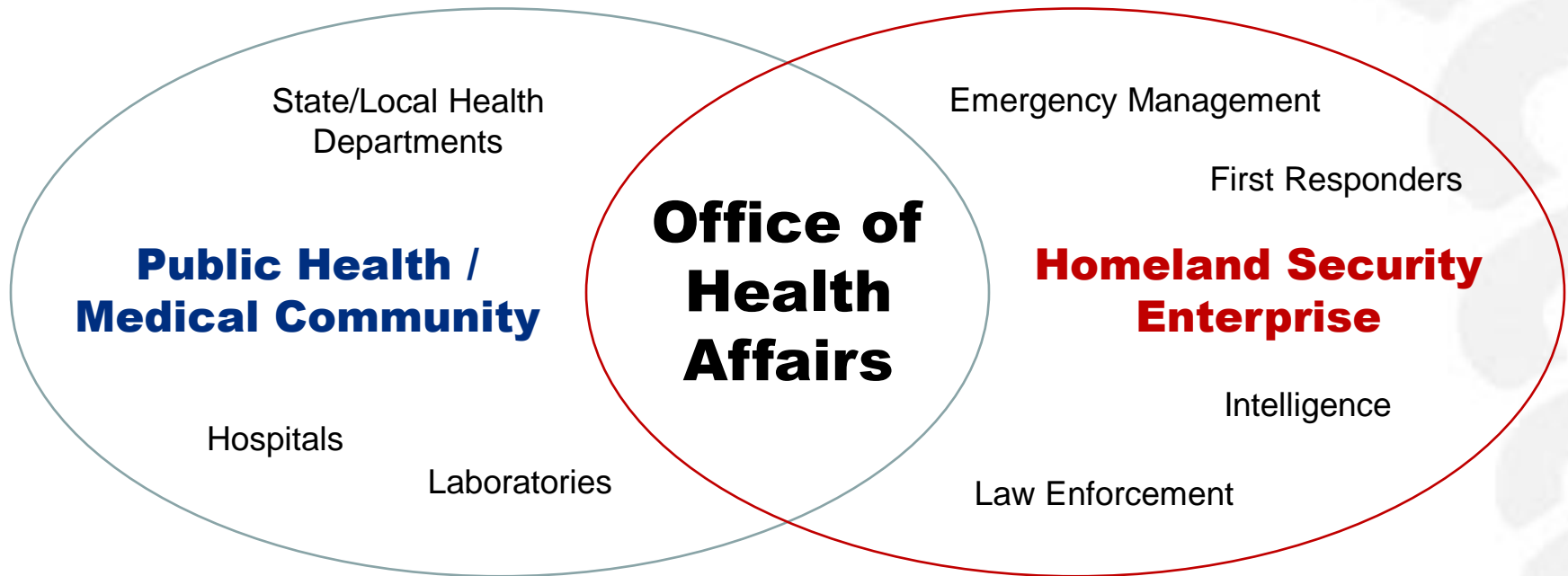
- Chief Medical Officer & Assistant Secretary
 - DHS's **principal authority and POC** on medical & public health issues
 - DHS **lead** for food, agro, veterinary issues
 - DHS **lead** for bio & chemical defense issues
- Key Activities
 - **Advise** DHS on medical & public health issues
 - **Coordinate** w/ interagency, state, local, & territorial government to build community preparedness
 - **Detect and Monitor** for early warning of bio-threats
 - **Prepare** DHS workforce & nation to manage medical and public health needs in an incident



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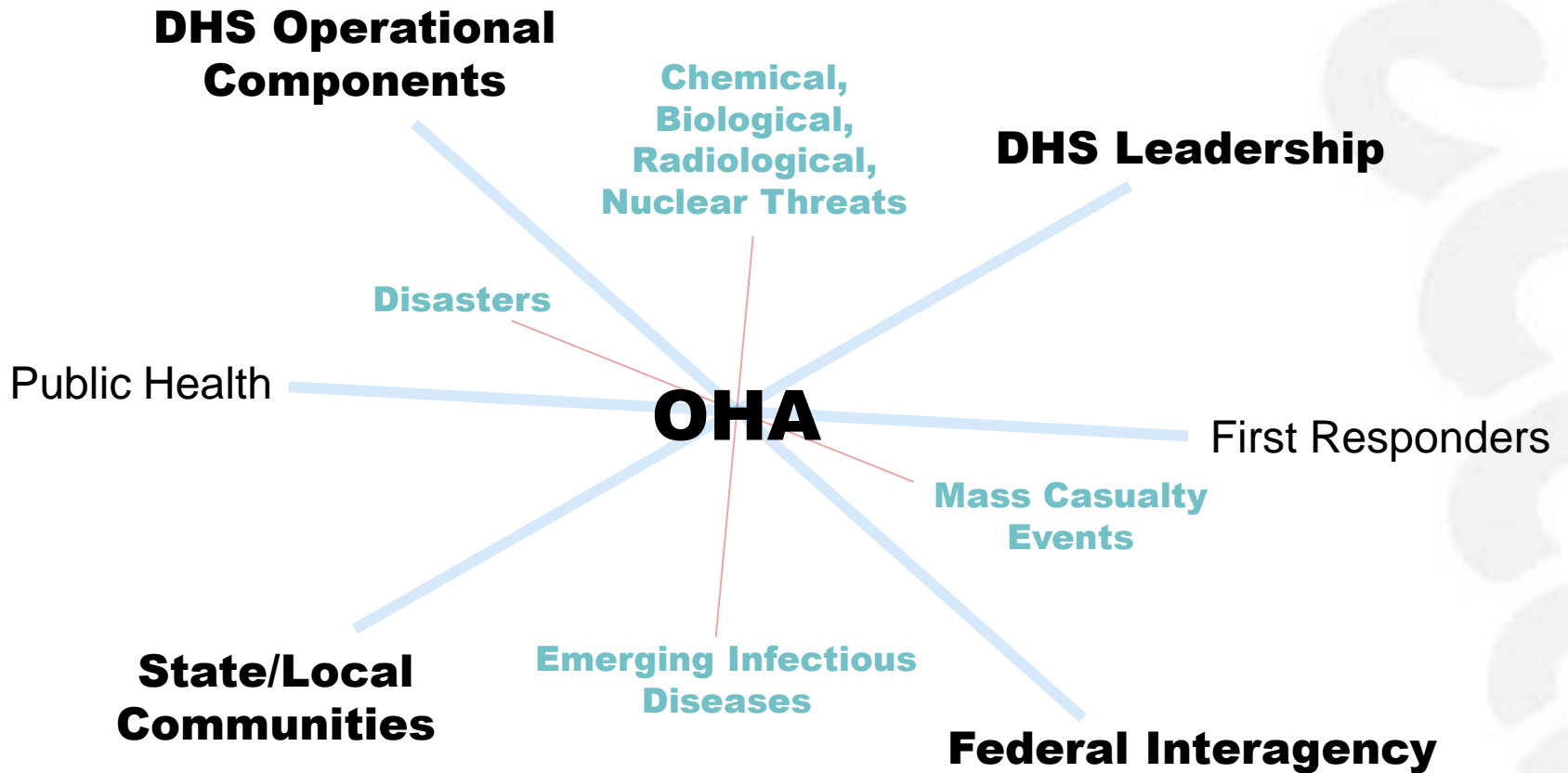
Health Security

Critical link between the public health community and the homeland security enterprise



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Stakeholders



Homeland Security



FEMA
Center for Domestic Preparedness
Mt. Weather Fire Department
United States Fire Administration

U.S. Customs and Border Protection
Office of Air and Marine
Office of Border Patrol
Office of Field Operations

Transportation Security Administration
Federal Air Marshals

Federal Law Enforcement Training Center

U.S. Immigration and Customs Enforcement

Homeland Security Investigations
Enforcement and Removal Operations

National Protection Programs Directorate
Federal Protective Service

Science and Technology
Plum Island Fire Department

EMS in DHS

Coast Guard
Operational Medical Command

Secret Service
Rowley Training Center

Tactical

Traditional

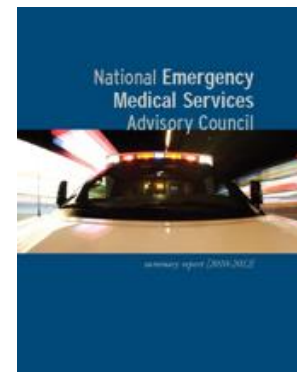
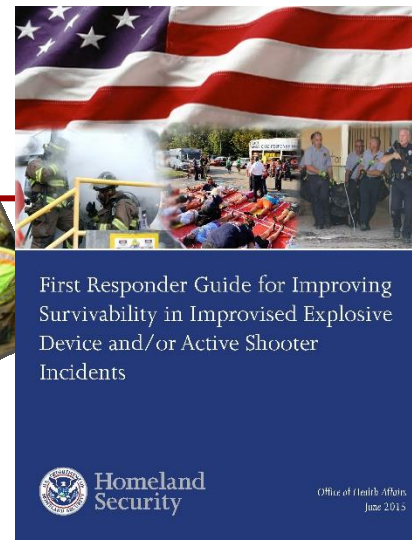
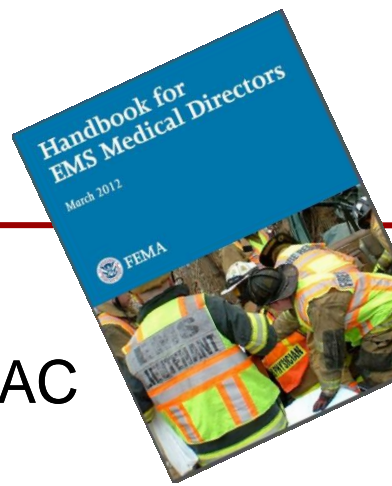


Austere

Urban

Outreach

- FICEMS/NEMSAC
- NGOs
- State EMS Officials
 - Meet with States individually to overview DHS EMS System and on-going initiatives



Medical First Responder Coordination

- Collaborate with & engage EMS stakeholders to identify gaps & solutions
 - EMS state licensing compact
 - IED/active shooter guidance
 - **Stop the Bleed campaign**
- Manage DHS EMS system
 - Advisory committee
 - Credentialing program
 - Training programs
- Ensure Integration of Best Practices Across EMS (TCCC, NASEM)



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Law Enforcement/EMS Gap

- Recent mass shooting events have shown that there are interoperability challenges between law enforcement, EMS, and fire services
- First Responder Guidance on Medical Response to IED/Mass Shooting Incidents
 - Hemorrhage Control (tourniquet)
 - PPE
 - Interoperability



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DHS EMS impacts EMS nationwide

The First Responder Guidance for Improving Survivability in Improvised Explosive Device and/or Active Shooter Incidents - Document Development

- Conducted two stakeholder engagements
 - Met with more than 350 SMEs from various disciplines
 - Law Enforcement
 - Fire Service
 - EMS
 - Physicians (Emergency, Trauma, Surgical and Military)
 - Emergency Management
- Prompted Position Papers from National Organizations
 - IACP, IAFF, IAFC, VFC, NAEMT, NTOA, NAEMSE, NASEMSO, ACEP, ACS
 - Hartford Consensus I, II, and III



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Stop the Bleed Campaign



- White House initiative to reduce preventable deaths due to hemorrhage with bystander intervention.
- Multiple organizations are training instructors and civilians in tourniquet application, wound packing, and other simple life-saving measures.



DHS EMS System Overview

- DHS and the Office of Health Affairs
 - State EMS Medical Director Equivalent
 - State Director Equivalent
 - State Training Coordinator/Credentialing Equivalent
 - Disciplinary Policy
 - Patient Safety Program
- The future and continued growth of DHS' EMS System
- Agile, able to integrate #ZPD programs into components rapidly



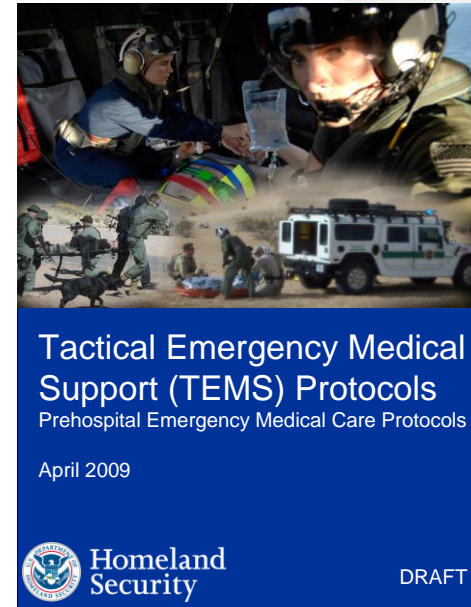
DHS EMS System Overview

- DHS' EMS System has over 3,500 EMTs and Paramedics
- DHS resources are in every state and territory and are positioned throughout the world
- DHS EMS providers are largely law enforcement officers
 - EMS is a collateral duty
 - EMS providers are full-time DHS employees, not temporary workforce



DHS EMS System Overview

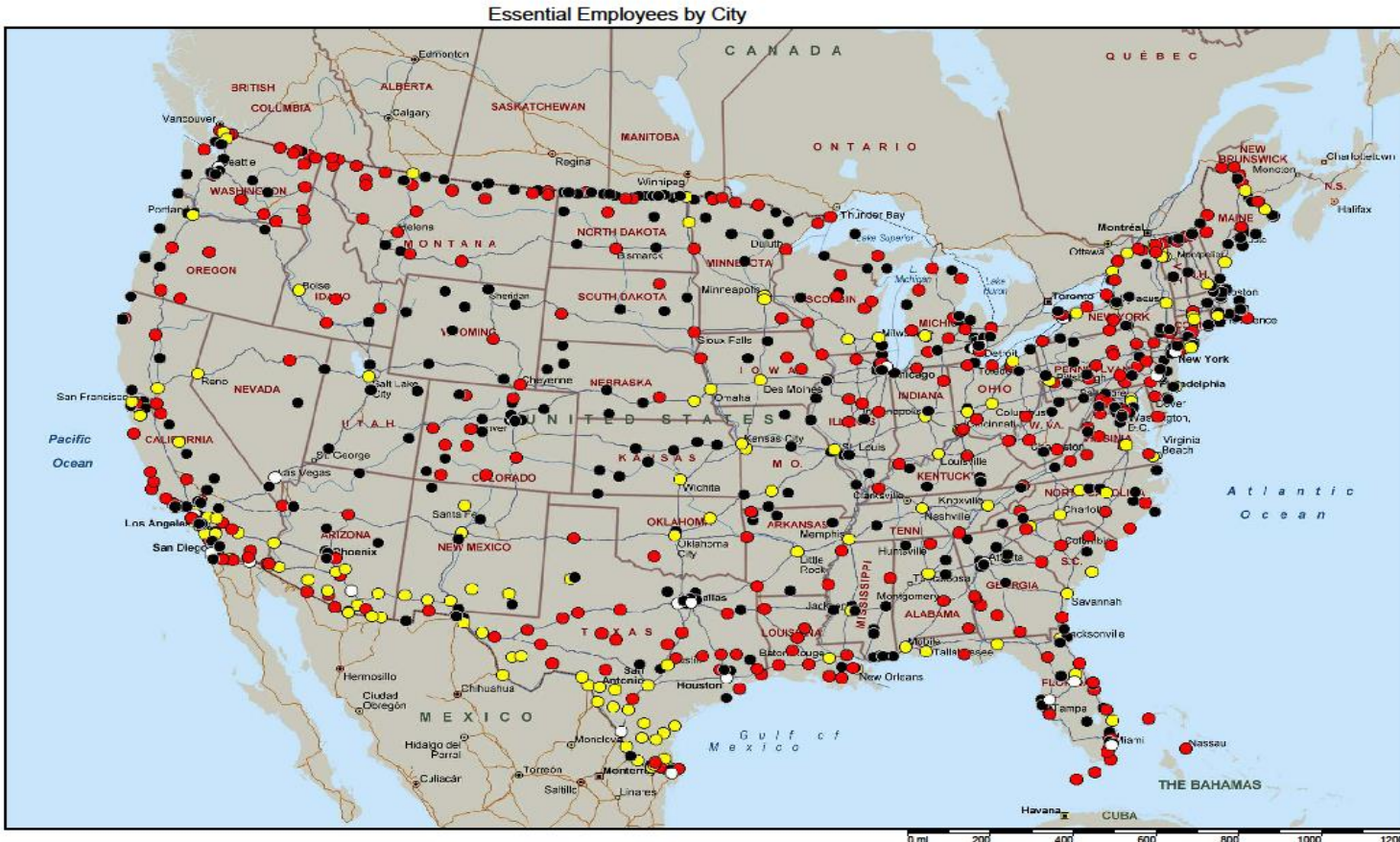
- EMS care includes:
 - Force health protection
 - Care under fire
 - Care of dignitaries
 - Detainees
 - General public (when needed)
 - Mutual-aid/Auto-aid
 - Illegal aliens
 - Largely at the southwest border
 - Most DHS EMS resources are non-transport, however there are two fire-based systems



DHS Worksite Locations

Essential Employees by City

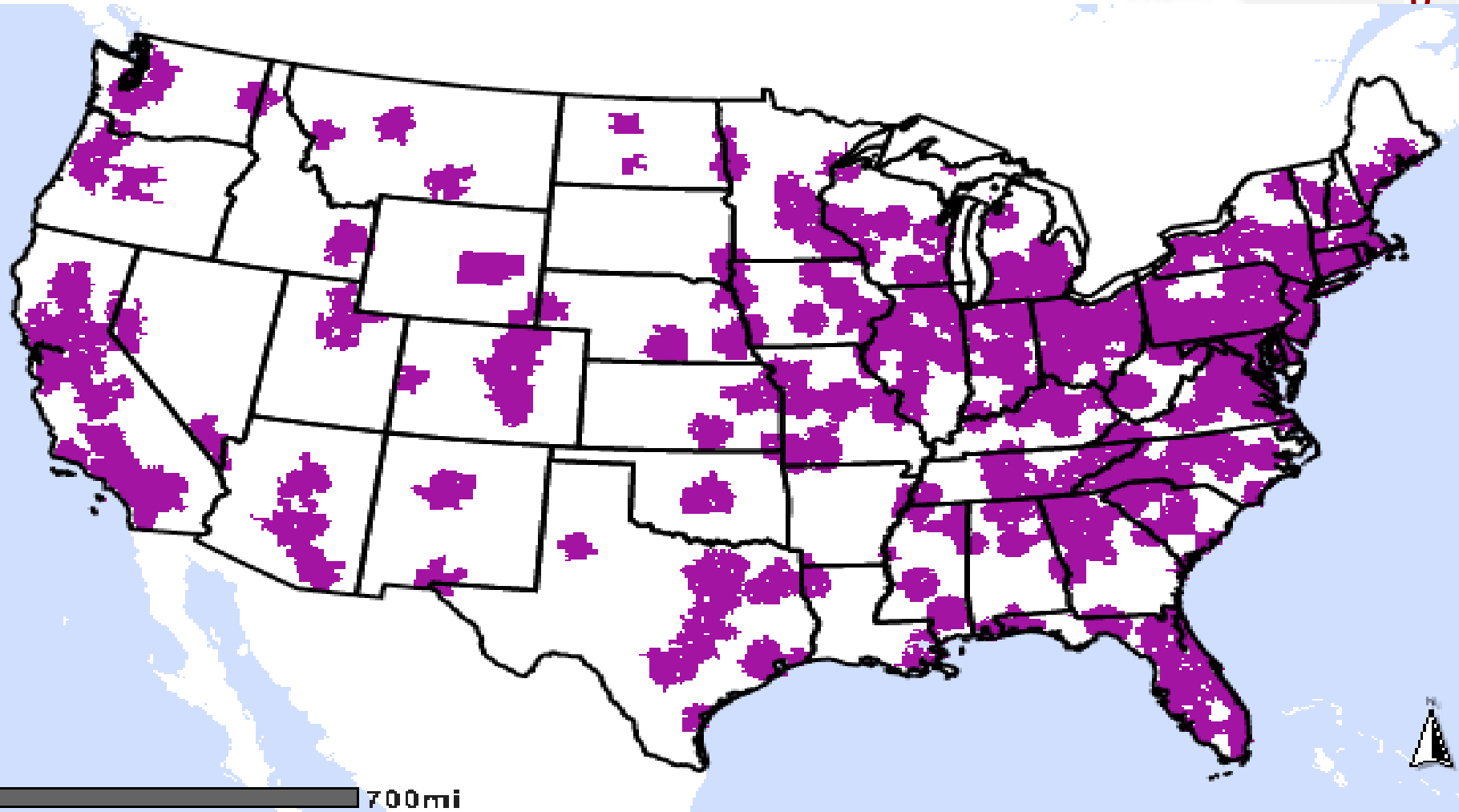
- 1 to 9
- 10 to 99
- 100 to 999
- 1,000 to 9,999



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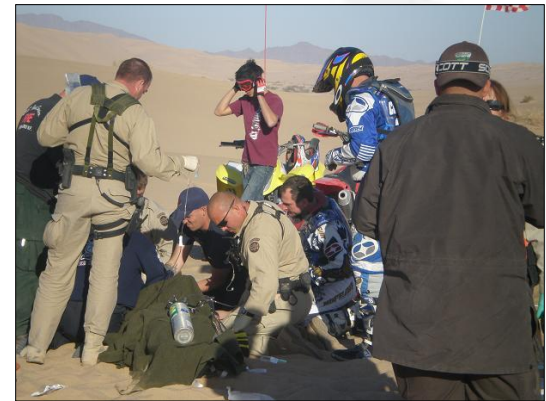


Level I / II Trauma Center Coverage 60-minutes – American Trauma Society



DHS EMS System Overview

- Components within DHS having EMS programs:
 - Customs and Border Protection (CBP)
 - Office of Border Patrol (OBP)
 - BORSTAR
 - BORTAC
 - Office of Air & Marine (OAM)
 - Office of Field Operations (OFO)
 - Immigration and Customs Enforcement (ICE)
 - Transportation Security Administration (TSA)
 - Federal Air Marshal (FAMS)
 - United States Coast Guard (USCG)



DHS EMS System Overview

- Components within DHS having EMS programs:
 - United States Secret Service (USSS)
 - Federal Protective Service (NPPD/FPS)
 - Federal Emergency Management Agency (FEMA)
 - Mount Weather FD
 - Science & Technology (S&T)
 - Plum Island FD





FEMA



Homeland Security

Science and Technology



U.S. Immigration and Customs Enforcement



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Non-traditional EMS care environments



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Non-traditional EMS care environments



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Non-traditional EMS care environments



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EMS Training & Education Advisory Committee (EMSTEAC)



- EMSTEAC was formed:
 - Chartered Committee to Advise the DHS Chief Medical Officer on EMS Issues
 - Approximately 15-20 members from all EMS Programs
 - Promotes EMS standardization throughout DHS
 - Identify Training Standards and Requirements for EMS
 - Accrediting Body for Continuing Education for EMS
 - Collaboration between Components
 - Best practices



DHS EMS – Where we are today...

Approximately 3500 Medically Trained Personnel Operating in DHS
NREMT Certification AND State Licensure



EMT



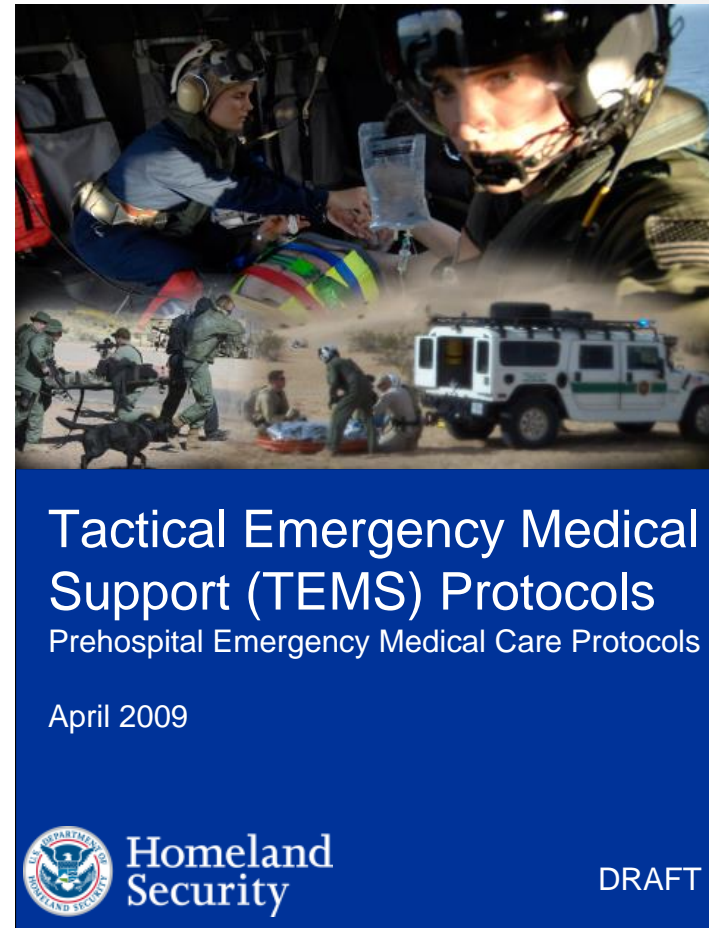
Advanced EMT



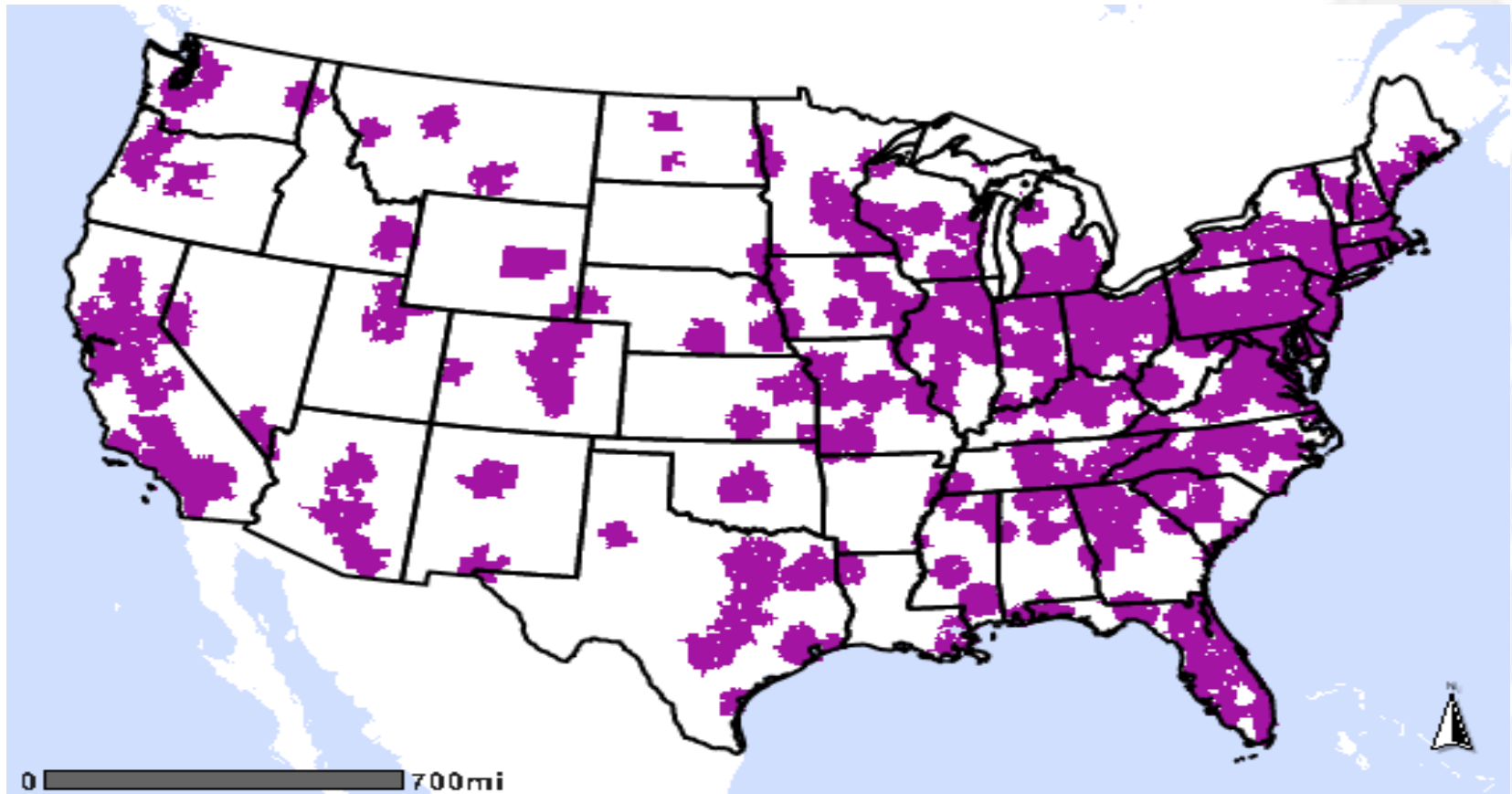
EMT-Paramedic

DHS EMS – Where we are going...

- Medical Protocols
 - CBRNE (under development)
- Medical direction/oversight – OHA – MLO (expansion)
- Quality Management
 - MQM Instruction 248-01
- Education/Training
 - NREMT Boot camp
 - Transition
- LMS – EMS library
 - HSI EMS 24/7



A National Trauma System...





Homeland Security

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