

The 4-1-1 on CBRNE, NIMS, and EMAC

Managing the Disaster Acronyms

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Acronyms - Page 1

AATFCDC	Asian-Pacific American Task Force
AHRQ	Agency for Healthcare Research and Quality
AMA	American Medical Association
ANSIR	Awareness of National Security Issues and Response Program
APHL	Association of Public Health Laboratories
APIC	Association for Professionals in Infection Control and Epidemiology
ARC	American Red Cross
ASAP	As soon as possible
ASH	Assistant Secretary for Health
ASTHO	Association of State and Territorial Health Officers
ATF	Bureau of Alcohol, Tobacco, and Firearms
ATSDR	Agency for Toxic Substances and Disease Registry
BIA	Bureau of Indian Affairs
CA	Cooperative agreement
CBW	Chemical and Biological Weapons
CDC	Centers for Disease Control and Prevention
CEPPO	Chemical Emergency Preparedness and Prevention Office
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
CHAMPUS	Civilian Health and Medical Program of the Uniformed Services
CIA	Central Intelligence Agency
CISM	Critical Incident Stress Management
CMRT	Communication Monitoring and Research Team

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Acronyms - Page 2

CMS	Centers for Medicare & Medicaid Services
CNN	Cable News Network
CNS	Center for Nonproliferation Studies
CSTE	Council of State and Territorial Epidemiologists
DAS	Deputy Assistant Secretary
DFO	Disaster Field Office
DHHS	Department of Health and Human Services
DLA	Defense Logistics Agency
DMAT	Disaster Medical Assistance Team
DMORT	Disaster Mortuary Response Team, National Disaster Medical System
DOC	Department of Commerce
DOD	Department of Defense
DOE	Department of Energy
DOE	Department of Education
DOI	Department of the Interior
DOJ	Department of Justice
DOL	Department of Labor
DOS	Department of State
DOT	Department of Transportation
DRC	Disaster Recovery Center
DVA	Department of Veterans Affairs
EAL	Emergency Action Level
E-FAST	Exposure, Fate Assessment Screening Tool

A

Acronyms - Page 3

EAP	Employee Assistance Program
EAS	Emergency Alert System
EBS	Emergency Broadcast System
EEO	Equal employment opportunity
EIDJ	Emerging Infectious Disease Journal
EIP	Emergency Implementing Procedures
EIS	Epidemic Intelligence Service
EMA	Emergency Management Agency
EMS	Emergency medical services
EO	Executive order
EOC	Emergency Operations Center
EOP	Emergency Operations Plan
EPA	Environmental Protection Agency
EPI	Emergency public information
EPI-X	Epidemic Information Exchange
EPO	Epidemiology Program Office
EPZs	Emergency Planning Zones
ER	Emergency Room
ERC	Emergency response coordinator
ERCG	Emergency response coordination group
ERT	Emergency Response Team
ERT-A	Emergency Response Team Advance Element
ERTN	Emergency response team national

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Acronyms - Page 4

ESF	Emergency support function
ESO	Engineering services office
FAA	Federal Aviation Administration
FAQ	Frequently asked questions
FBI	Federal Bureau of Investigation
FCC	Federal Communications Commission
FCO	Federal coordinating officer
FDA	Food and Drug Administration
FDA	Office of U.S. Foreign Disaster Assistance
FECC	Federal emergency communications coordinator
FEMA	Federal Emergency Management Agency
FERC	FEMA emergency response capability
FESC	Federal emergency support coordinator
FHWA	Federal Highway Administration
FLSA	Fair Labor Standards Act
FOIA	Freedom of Information Act
FRERP	Federal Radiological Emergency Response Plan
FR	Federal Register
FRP	Federal Response Plan
FTS	Federal telecommunications systems
FY	Fiscal year
FYI	For your information
GAO	General Accounting Office

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Acronyms - Page 5

GPO	Government Printing Office
GS	General schedule
GSA	General Services Administration
HAN	Health Area Network
HAZMAT	Hazardous Materials Team
HEPA	High-efficiency particulate air
HSAB	Health and Safety Advisory Board
HUD	Department of Housing and Urban Development
HQ	Headquarters
IAEA	International Atomic Energy Agency
IAG	Interagency agreement
IBC	Institutional biosafety committee
ICS	Incident Command System
IG	Office of the Inspector General, Department of Health and Human Services
IHPO	International Health Programs Office
HIS	Indian Health Service
IRZ	Immediate Response Zone
INPHO	Information Network for Public Health Officials
IOM	Institute of Medicine, National Academy of Sciences
JIC	Joint Information Center
JIS	Joint Information System
JOC	Joint Operations Center
JPIC	Joint Public Information Center

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Acronyms - Page 6

LAN	Local area network
LGBT	Lesbian, gay, bisexual, and transgender
LIUNA	Laborer International Union of North America
LFA	Lead federal agency
MHPF	Minority Health Professionals Foundation
MMWR	Morbidity and Mortality Weekly Report
MOA	Memorandum of agreement
MOU	Memorandum of understanding
MRE	Meals ready to eat
MSPB	Merit Systems Protection Board
MUPS	Multiple unexplained physical symptoms
N/A	Not applicable/available
NACCHO	National Association of County and City Health Officials
NALBOH	National Association of Local Boards of Health
NAPHSIS	National Association for Public Health Statistics and Information Systems
NARFE	National Association of Retired Federal Employees
NAS	National Academy of Sciences
NASA	National Aeronautics and Space Administration
NCEH	National Center for Environmental Health
NCHS	National Center for Health Statistics
NDMS	National Disaster Medical System
NDPO	National Domestic Preparedness Office
NECC	National Emergency Coordination Center (FEMA)

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Acronyms - Page 7

NEIS	National Earthquake Information Service
NEJM	New England Journal of Medicine
NIH	National Institutes of Health
NLM	National Library of Medicine
NLT	Not later than
NLTN	National Laboratory Training Network
NNSA	National Nuclear Security Administration
NOAA	National Oceanic and Atmospheric Administration
NPIC	National Public Health Information Coalition
NRC	Nuclear Regulatory Commission
NRT	National Response Team
NSF	National Science Foundation
NSIR	Office of Nuclear Security and Incident Response
NTE	Not to exceed
NVOAD	National voluntary organizations active in disaster
NVPO	National Vaccine Program Office
NWS	National Weather Service
ODP	Office for Domestic Preparedness
OEP	Office of Emergency Preparedness
OERR	Office of Emergency and Remedial Response
OET	Office of Emergency Transportation
OJP	Office of Justice Programs
ORIA	Office of Radiation and Indoor Air

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Acronyms - Page 8

OSC	On-Scene Coordinator
OSHA	Occupational Safety and Health Administration
OSTP	Office of Science Technology Policy
PAHO	Pan American Health Organization
PAO	Public Affairs Officer
PAZ	Protection Action Zone
PDA	Preliminary Damage Assessment
PGO	Procurement and Grants Office
PHEP-NET	Public Health Education and Promotion Network
PHPPO	Public Health Practice Program Office
PHS	Public Health Service
PIO	Public information officer
PL	Public law
PNNL	Pacific Northwest National Laboratory
PTSD	Post Traumatic Stress Disorder
PZ	Precautionary Zone
RCO	Regional Coordinating Officer
RETCO	Regional emergency transportation coordinator
RHA	Regional health administrator (DHHS)
ROC	Regional Operating Center
RRIS	Rapid Response Information System
RSC	Radiation safety committee
RVF	Rift Valley Fever

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Acronyms - Page 9

SBCCOM	Soldier and Biological Chemical Command
SCO	State Coordinating Officer
SME	subject matter expert
SNS	Strategic National Stockpile
SOP	Standard operating procedure
SWOT	Strengths, weaknesses, opportunities, threats
TDY	Temporary duty
TOD	Tour of duty
TREAS	Department of the Treasury
TSA	Transportation Security Administration
TVA	Tennessee Valley Authority
USACE	United States Army Corps of Engineers
USAMRIID	U.S. Army Medical Research Institute of Infectious Diseases
USC	United States Code
USDA	United States Department of Agriculture
USGS	United States Geological Survey
USPHS	United States Public Health Service
USPS	United States Postal Service
VMI	Vendor managed inventory
WHO	World Health Organization
WMD	Weapons of mass destruction
WYSIWYG	What you see is what you get
YTD	Year to date

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Acronyms - Page 9

SBCCOM	Soldier and Biological Chemical Command
SCO	State Coordinating Officer
SME	subject matter expert
SNS	Strategic National Stockpile
SOP	Standard operating procedure
SWOT	Strengths, weaknesses, opportunities, threats
TDY	Temporary duty
TOD	Tour of duty
TREAS	Department of the Treasury
TSA	Transportation Security Administration
TVA	Tennessee Valley Authority
USACE	United States Army Corps of Engineers
USAMRIID	U.S. Army Medical Research Institute of Infectious Diseases
USC	United States Code
USDA	United States Department of Agriculture
USGS	United States Geological Survey
USPHS	United States Public Health Service
USPS	United States Postal Service
VMI	Vendor managed inventory
WHO	World Health Organization
WMD	Weapons of mass destruction
WYSIWYG	What you see is what you get
YTD	Year to date

WMD

Weapons of Mass Destruction

Nuclear, biological, or chemical materials, weapons, or devices deliberately used by terrorists that produce a nuclear yield or disseminates significant quantities of biological or chemical agent over a wide area for purposes of maiming or killing populations.

WMD

Weapons of Mass Destruction

C B I R N

Chemical
Biological
Incendiary
Radiological
Nuclear

COBRA

Chemical
Ordinance
Biological
Radiological

WME

Weapons of Mass Effect

HSPD-5

Homeland Security Presidential Directive - 5

Management of Domestic Incidents

February 28, 2003

Policy

To prevent, prepare for, respond to, and recover from terrorist attacks, major disasters, and other emergencies, the United States Government shall establish a single, comprehensive approach to domestic incident management



HSPD-5

Homeland Security Presidential Directive - 5

Crisis management and consequence management will be treated as a single, integrated function, rather than separate

The Secretary shall develop and implement a National Response Plan that shall integrate Federal Government domestic prevention, preparedness, response, and recovery plans into one all-hazards plan



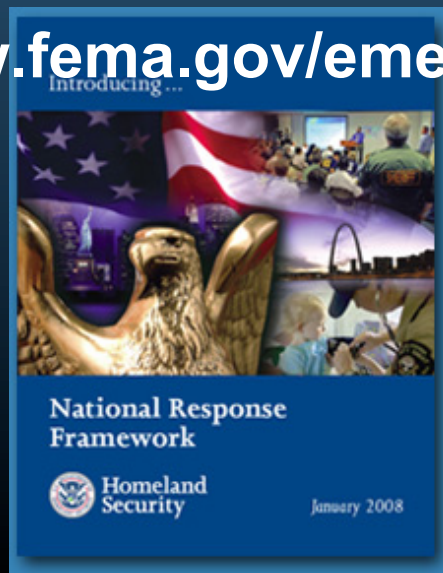
NRF

National Response Framework

Replaces National Response Plan

- Guide to how the Nation conducts all-hazards response
- Guiding principals that enable all agencies to prepare for and provide a unified national response to disasters

<http://www.fema.gov/emergency/nrf/>



NRF

National Response Framework

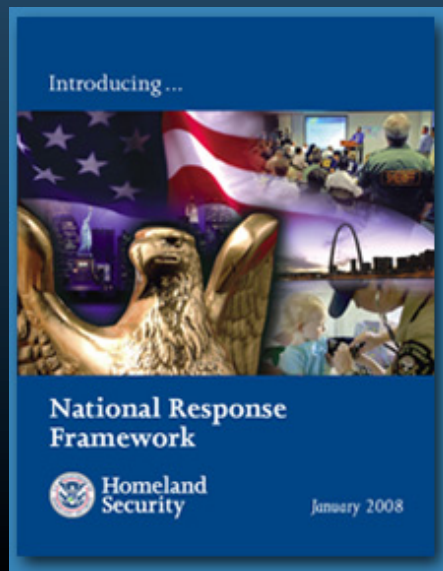
Components

Core document

Support and Incident Annexes

Partner Guides

Emergency Support Functions (ESF)



ESF

Emergency Support Functions

Federal resources and capabilities

- **Functional areas frequently needed in a national response**
- **Provides coordination, concept of operations, procedures, and structures for achieving response objectives**

ESF

Emergency Support Functions

ESF-1 Transportation

Primary Agency: Department of Transportation



ESF

Emergency Support Functions

ESF-2 Communication

Primary Agency: Department of Homeland Security
National Communications System

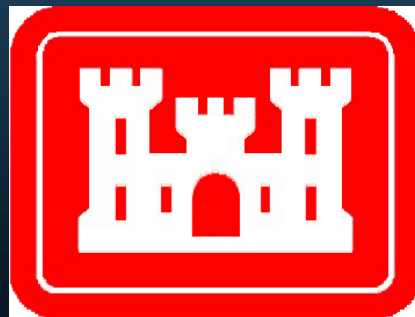


ESF

Emergency Support Functions

ESF-3 Public Works and Engineering

Primary Agency: Department of Defense
U.S. Army Corps of Engineers
Department of Homeland Security
FEMA



ESF

Emergency Support Functions

ESF-4 Firefighting

Primary Agency: Department of Agriculture
U.S. Forest Service



ESF

Emergency Support Functions

ESF-5 Emergency Management

Primary Agency: Department of Homeland Security
FEMA



ESF

Emergency Support Functions

**ESF-6 Mass Care, Emergency Assistance,
& Health and Human Services**

**Primary Agency: Department of Homeland Security
 FEMA**



ESF

Emergency Support Functions

ESF-7 Logistics Management & Resource Support

Primary Agency: General Services Administration\
Department of Homeland Security
FEMA



ESF

Emergency Support Functions

ESF-8 Public Health & Medical Services

**Primary Agency: Department of Health and Human
Services**



ESF

Emergency Support Functions

ESF-9 Urban Search & Rescue

Primary Agency: Department of Homeland Security

FEMA

United States Coast Guard

Department of the Interior

National Park Service

Department of Defense



ESF

Emergency Support Functions

ESF-10 Oil & Hazardous Materials

Primary Agency: Environmental Protection Agency
Department of Homeland Security
United States Coast Guard



ESF

Emergency Support Functions

ESF-11 Agriculture & Natural Resources

Primary Agency: Department of Agriculture
Department of the Interior



ESF

Emergency Support Functions

ESF-12 Energy

Primary Agency: Department of Energy



ESF

Emergency Support Functions

ESF-13 **Public Safety & Security**
Primary Agency: **Department of Justice**



ESF

Emergency Support Functions

ESF-14 Long-Term Community Recovery

Primary Agency: Department of Agriculture
Department of Homeland Security
Department of Housing and Urban
Development
Small Business Administration



ESF

Emergency Support Functions

ESF-15 External Affairs

Primary Agency: Department of Homeland Security
FEMA



NRG

National Response Guidelines

- Framework for the Nation to be prepared for all hazards
- Incorporates lessons-learned from previous disasters
- Facilitates capability and risk-based planning
- 4 critical elements:
 - National Preparedness Vision
 - National Planning Scenarios (15)
 - Universal Task List (1600)
 - Target Capabilities List (37)



HSSEP

Homeland Security Exercise & Evaluation Program

- **Exercises based on capabilities and performance**
- **Sets exercise policy and guidance for management, design, development, conduct, evaluation, and improvement planning to achieve national standards**
- **Includes a corrective action program**

NIMS

National Incident Management System

Systematic approach for managing incidents

- **Situational Awareness**
- **Activation / Deploying Resources**
- **Managing Response Actions**
- **Initiating and Coordinating Response Actions**
- **Demobilization**
- **Recovery**

ICS

Incident Command System

4 levels of training:

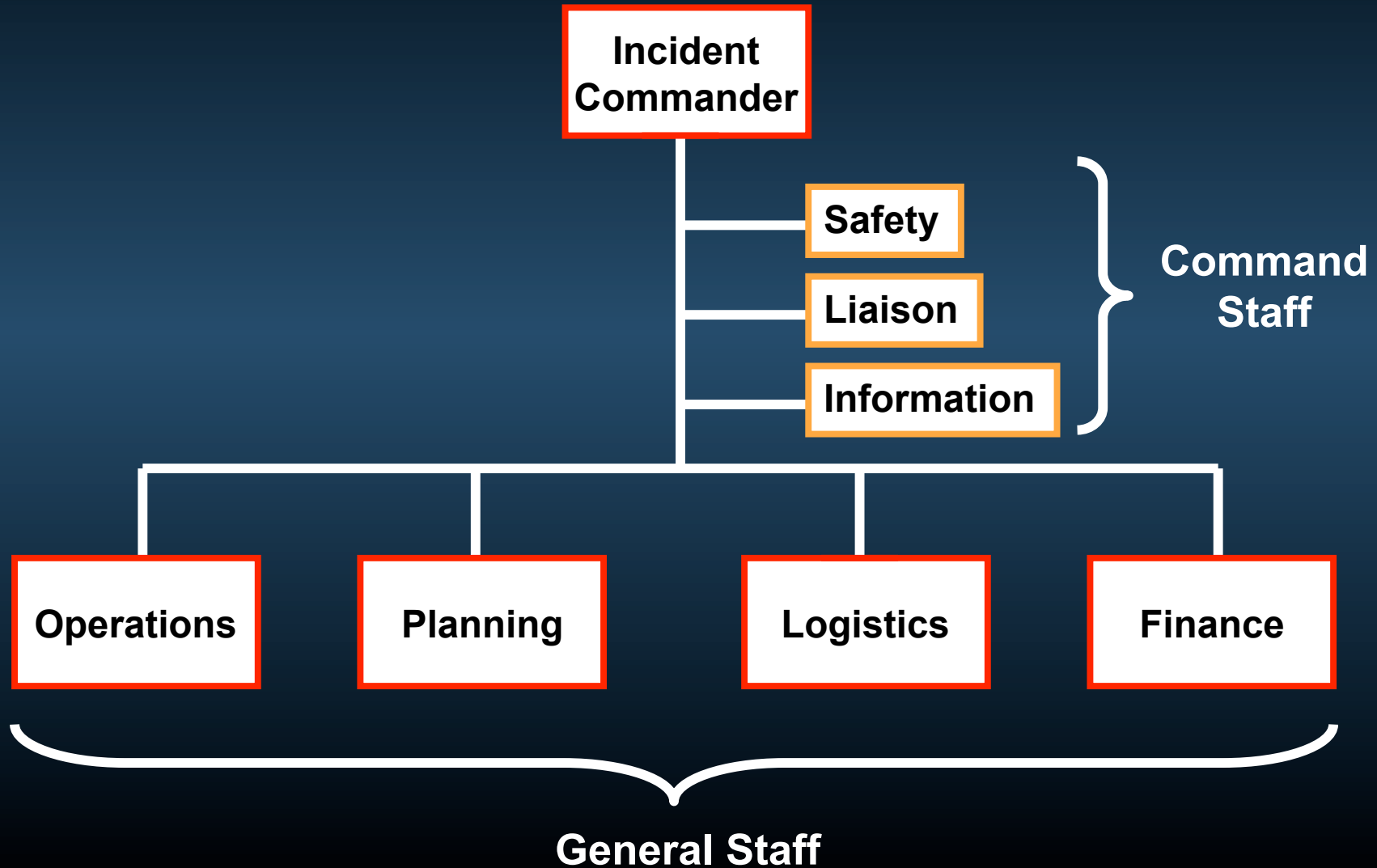
- **IC-100** **Introduction (IC-100HC: Healthcare/Hospitals)**
- **IC-200** **Basic**
- **IC-300** **Intermediate**
- **IC-400** **Advanced**

-
- **IC-700** **National Incident Management System**
 - **IC-800** **National Response Framework**

www.fema.gov/nims

ICS

Incident Command System



AC

Area Command

Structure that manages multiple incidents that are each being handled by a separate command organization

- Only activated if necessary
- Depends on the complexity of the incident and span-of-control considerations



ICP

Incident Command Post

- Location of Incident General and Command staff
- Located near incident site
- All incident decision-making



EOC

Emergency Operations Center

- Coordinates information and resources to support incident command
- Located off-site
- Core functions include:
 - Coordination
 - Communications
 - Resource allocation and tracking
 - Information collection, analysis, and dissemination



JIC

Joint Information Center

- Established to coordinate the release of information and other public affairs functions
- Serves to coordinate timely release of incident-related information to the public and the media
- Provides victim and family information



JOC

Joint Operation Center

- Mostly Department of Defense term
- Joint force commander's headquarters for planning, monitoring, and guiding the execution of the commander's decisions



JOC

Joint Operation Center

- Mostly Department of Defense term
- Joint force commander's headquarters for planning, monitoring, and guiding the execution of the commander's decisions.



PL-100-707

Stafford Act

- **Mechanism by which the Federal Government provides support to State, tribal, and local governments**
- **Creates the system by which a Presidential Disaster Declaration of an emergency triggers financial and physical assistance through FEMA**

EMAC

Emergency Management Assistance Compact

- When additional resources are required
- Interstate mutual aid and assistance agreement
- Provides form / structure to interstate mutual aid process



NDMS

National Disaster Medical System

- 55 Disaster Medical Assistance Teams**
- 4 National Medical Response Teams**
- 5 Burn Team**
- 2 Pediatric Teams**
- 1 Crush Medicine Team**
- 3 International Medical/Surgical Teams**
- 3 Mental Health Teams**
- 3 Veterinary Medical Assistance Teams**
- 11 Disaster Mortuary Operational Response Teams**
- 1 Joint Management Team**
- 3 Nurse/Pharmacist National Response Teams**



DMAT

Disaster Medical Assistance Team

- 35-person health and medical professionals
- Federalized to provide triage, primary and acute care, initial resuscitation



NMRT

National Medical Response Team

- 50-person team: health, medical, and haz mat
 - Advanced medical services
 - Assist in hazardous material environments
 - Decontamination
 - Agent detection



VMAT

Veterinary Medical Assistance Team

- Assess the veterinary medical needs of a community
- Zoonotic disease surveillance and public health assessments
- Care and support of animals certified as official responders to a disaster or emergency



DMORT

Disaster Mortuary Operational Response Team

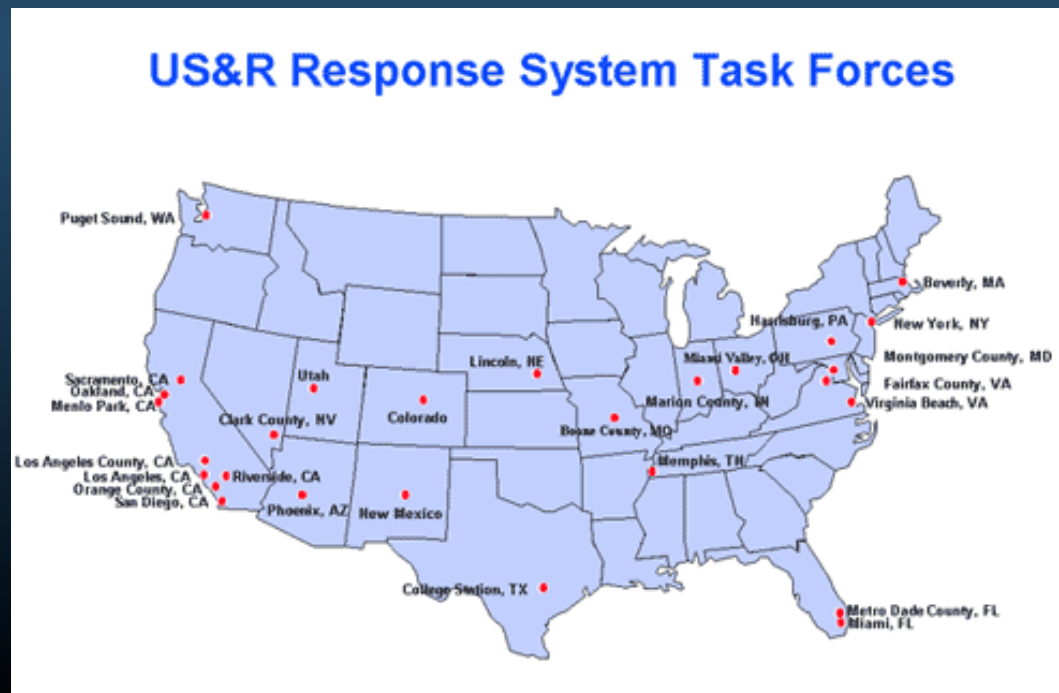
- Temporary morgue facilities
- Victim identification
- Forensic dental pathology
- Processing, preparation, disposition of remains



US&R

Urban Search & Rescue

- FEMA-supported specialized team of firefighters, engineers, medical professionals, canine/handler teams, emergency managers
- 28 Task Forces in 19 States



US&R

Urban Search & Rescue

- Conduct physical search and rescue in collapsed buildings
- Emergency medical care to trapped victims
- Assessment and control of gas, electric service, and hazardous materials
- Evaluation and stabilization of damaged structures



START

Simple Triage and Rapid Treatment

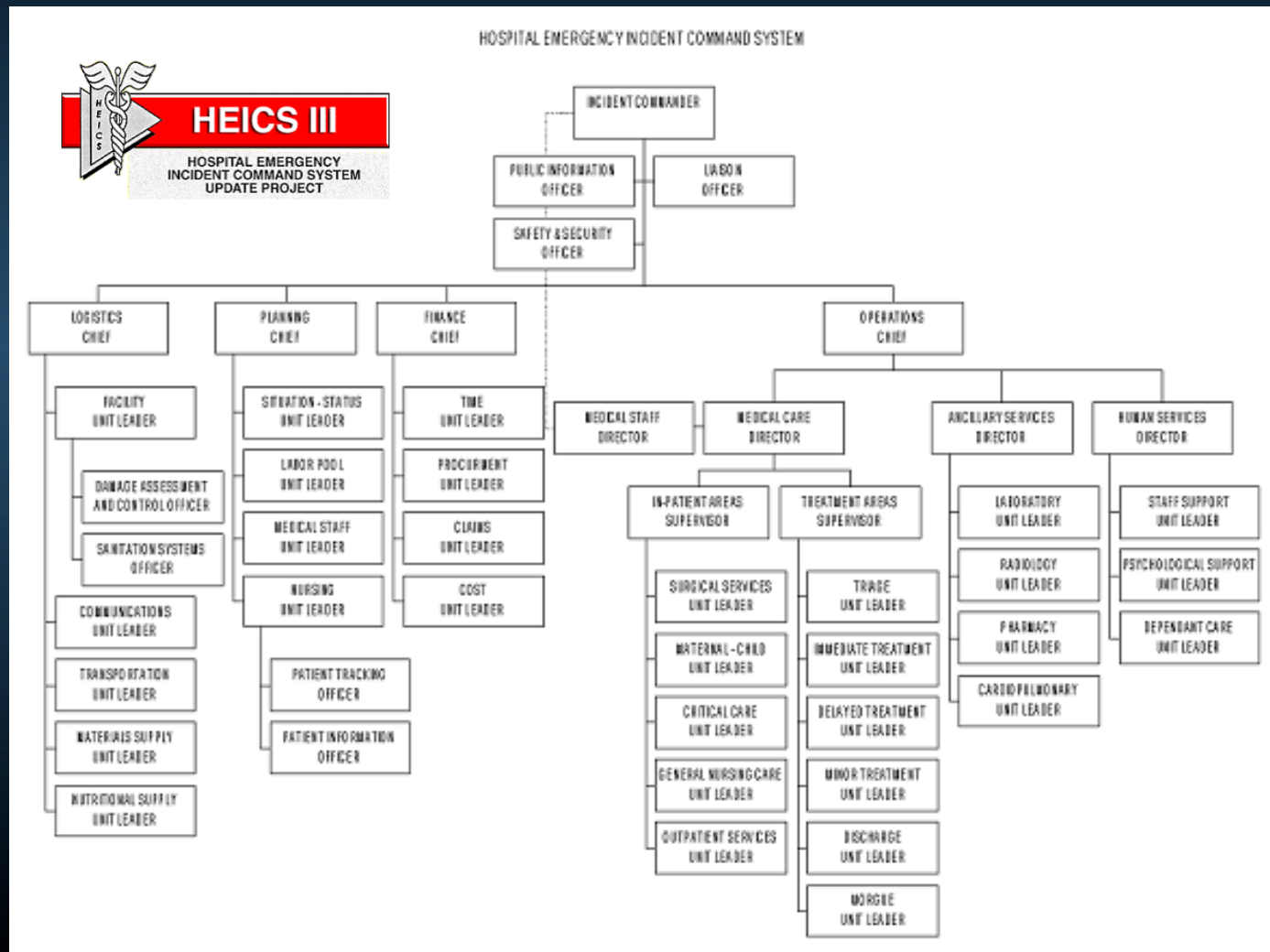
Developed in 1980s:



- Patients are triaged based upon 4 factors:
 - Ability to walk away from the scene
 - Respirations: $>$ or $<$ 30 per minute
 - Pulse: Radial or capillary refill $<$ or $>$ 2 seconds
 - Mental status: Able or unable to follow commands

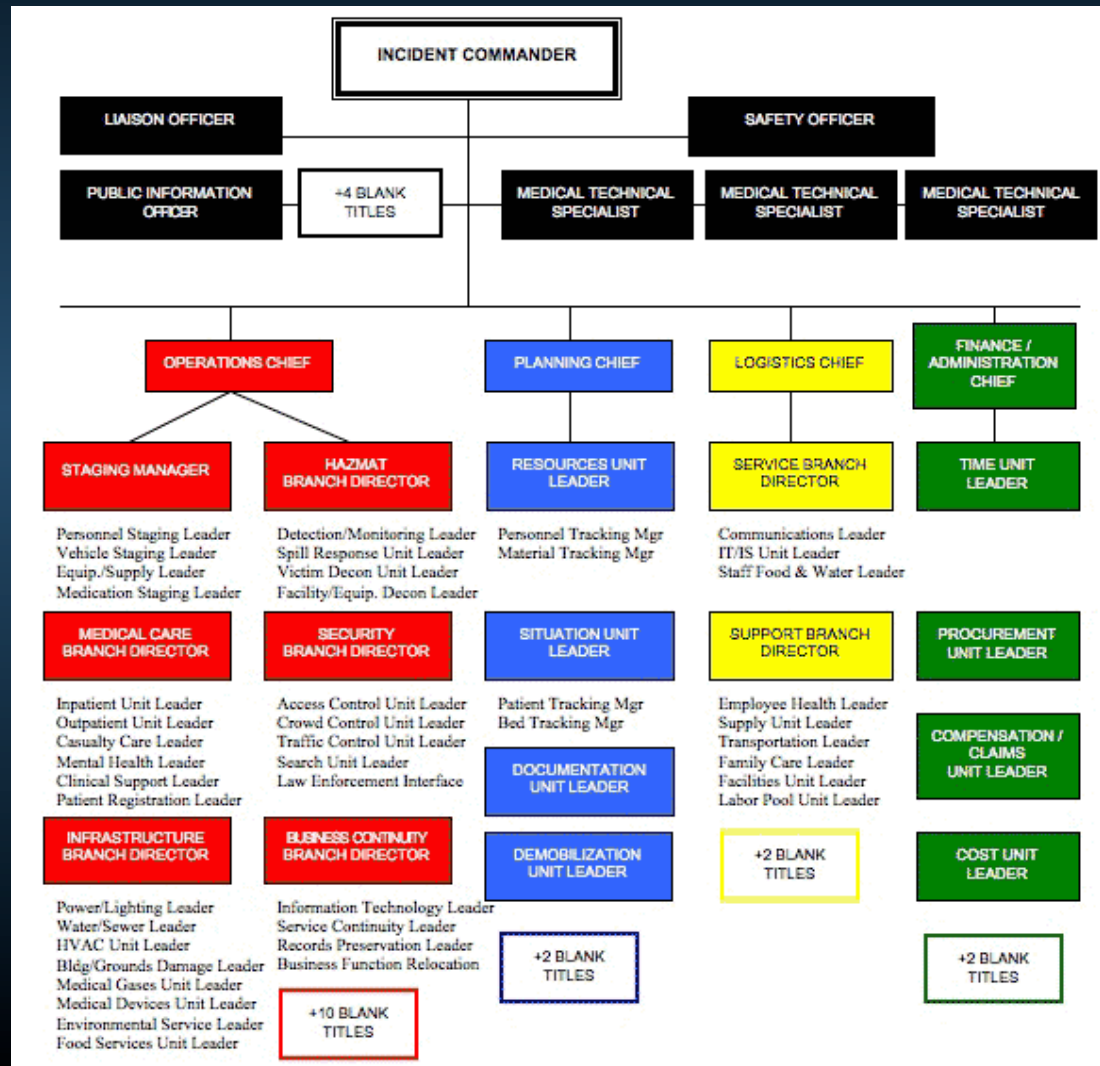
HEICS

Hospital Emergency Incident Command System



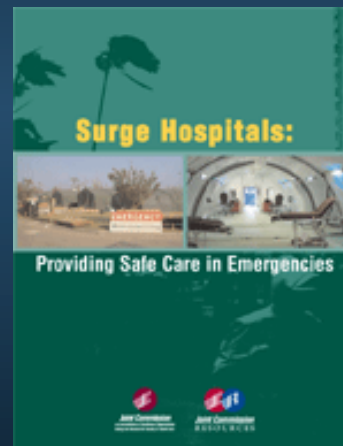
HICS

Hospital Incident Command System



TJC

The Joint Commission



HVA

Hazard Vulnerability Assessment

- **Identification of hazards that are most likely to have an impact on a facility and the surrounding community**
- **Four categories:**
 - Probability**
 - Response**
 - Human Impact**
 - Property Impact on a facility.**
- **Categories based on a point system (0 to 3)**

ESAR-VHP

Emergency System for Advanced Registration of Volunteer Health Professionals

- **Administered by DHHS**
- **Registers health volunteers**
- **Applies emergency credentialing**
- **Verifies identity, credentials, and qualifications of volunteers**

ASPR

Assistant Secretary for Preparedness & Response

- **Formerly the Office of Public Health Emergency Preparedness (OPHEP)**
- **Secretary's principal advisory staff on matters related to bioterrorism and other public health emergencies**
- **Coordinates activities between HHS and other Federal departments for emergency preparedness**

SNS

Strategic National Stockpile

- National repository of pharmaceuticals and medical materials delivered to a site to support local resources
- Contains antibiotics, antidotes, other pharmaceuticals, and medical / surgical supplies





FEMA

FEMA

FEMA

Fix

Everything

My

ASS

Bourbon Street • New Orleans

R Review

WMD, CBIRN, COBRA, WME, HSPD-5, NRF, ESF, NRG,
HSSEP, NIMS, ICS, AC, ICP, EOC, JIC, JOC, PL-100-707,
EMAC, NDMS, DMAT, NMRT, VMAT, DMORT, USAR,
METTAG, START, HEICS, HICS, ACF, TJC, HVA, ESARVHP,
ASPR, OPHEP, SNS, FEMA



American flag: \$25
Gasoline: \$2
Cigarette lighter: \$2.50

**Catching yourself on fire because you are a
terrorist jerk: PRICELESS**