



H1N1 Influenza Medical Surge Activities

Clare Helminiak, MD, MPH
Chief Medical Officer, USPHS
Deputy Director for Medical Surge, HHS/ASPR/OPEO
HPP, NDMS, ECCC



United States Department of

Health & Human Services

Office of the Assistant Secretary for Preparedness and Response (ASPR)



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Mission

Lead the nation in preventing, preparing for, and responding to the adverse health effects of public health emergencies and disasters.

Vision

A nation prepared to prevent, respond to, and reduce the adverse health effects of public health emergencies and disasters.



Emergency Support Functions (ESFs)



#1. Transportation
Department of Transportation



#2. Communications
National Communications System



#3. Public Works and Engineering
Department of Defense/U.S. Army Corps of Engineers



#4. Fire fighting
Department of Agriculture/Forest Service



#5. Emergency Management
Federal Emergency Management Agency



#6. Mass Care, Housing & Human Services
American Red Cross



#7. Resource Support
General Services Administration



#8. Public Health and Medical Services
Department of Health and Human Services



#9. Urban Search and Rescue
Federal Emergency Management Agency



#10. Oil and Hazardous Materials
Environmental Protection Agency



#11. Agriculture & Natural Resources
Department of Agriculture/Food and Nutrition Service



#12. Energy—Department of Energy



#13 – Public Safety & Security



#14 – Long-term Community Recovery and Mitigation



15 - External Affairs



NRF and ESF #8: Responsibilities

<p><u>Public Health</u></p> <ul style="list-style-type: none"> Food, water safety Health surveillance Vector control Drug and blood safety Worker safety 	<p><u>Acute Care</u></p> <ul style="list-style-type: none"> Victims Responders Casualty evacuation
<p><u>Primary Care</u></p> <ul style="list-style-type: none"> Special needs populations Community outreach Nursing home residents Mental health 	<p><u>In-patient Care</u></p> <ul style="list-style-type: none"> Victims Displaced hospital patients

Cross-cutting responsibilities:

*Medical equipment and supplies; public information; **victim identification/mortuary services**; animal health*



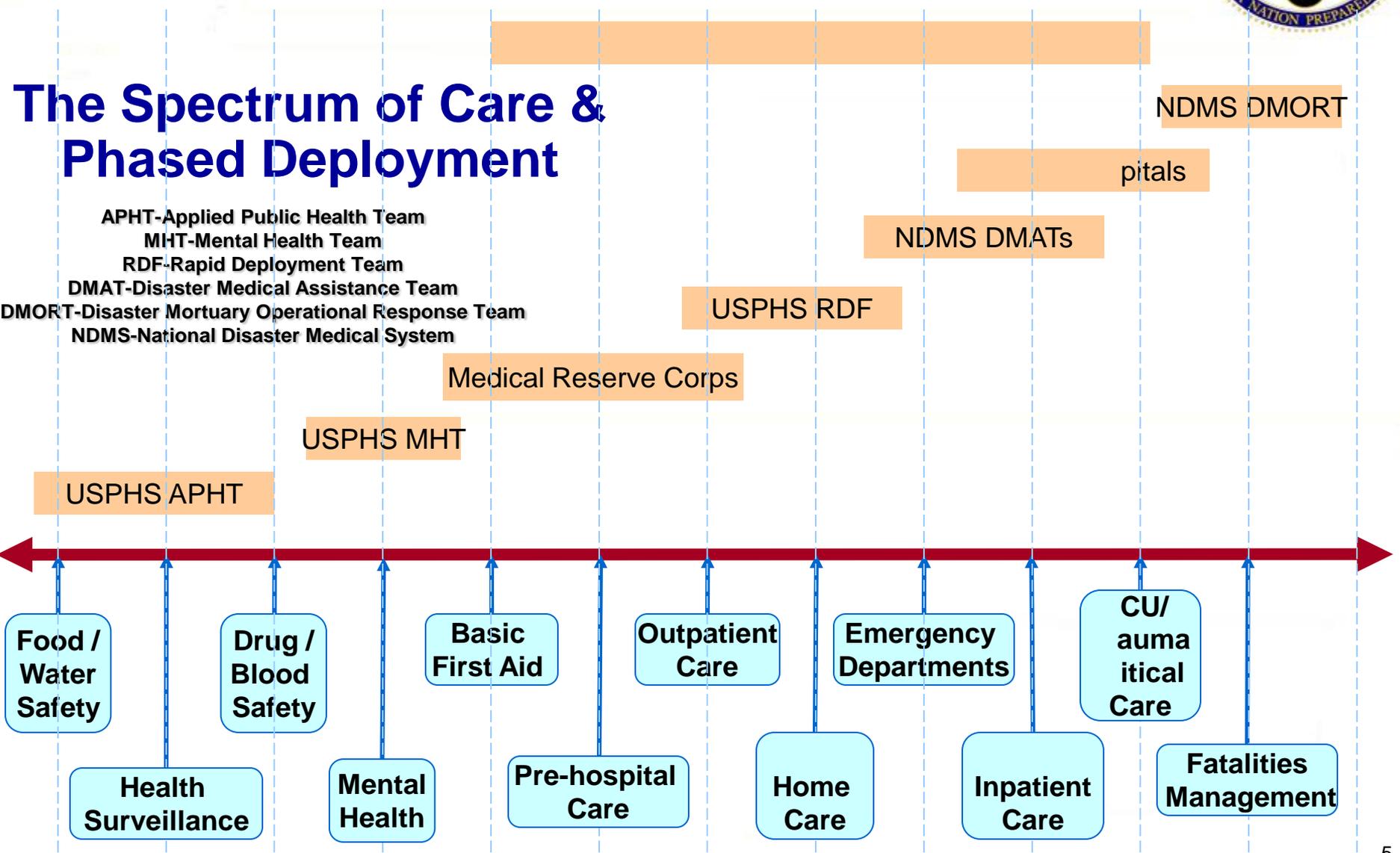
HHS/ASPR/OPEO Medical Surge

- National Disaster Medical System
- Hospital Preparedness Program
- Emergency Care Coordination Center



The Spectrum of Care & Phased Deployment

APHT-Applied Public Health Team
 MHT-Mental Health Team
 RDF-Rapid Deployment Team
 DMAT-Disaster Medical Assistance Team
 DMORT-Disaster Mortuary Operational Response Team
 NDMS-National Disaster Medical System





DMAT Field Deployment





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Patient Movement



Hospital Preparedness Program

- **GRANTS**
 - ❖ **62 grantees**
 - ❖ **Focus on**
 - **Surge Capacity**
 - **Communications**
 - **Alternate care sites**
 - **Hospital collaborations**
 - **Exercises**

- **ESAR-VHP**



Calls with HPP awardees

- **Issues**

- ❖ Overwhelming influx of worried well/worried sick
- ❖ EDs filled up with patients seeking testing, evaluation, and antivirals
- ❖ Alternate care sites vs Expanding in-house capacity
- ❖ Staffing shortages
- ❖ SNS MCM Distribution to treatment facilities

- **Best Practices**

- ❖ Hospital Consortia/partnerships
- ❖ Medical Operations Centers
- ❖ Mobile Medical Assets



White House MedSurge Framework for H1N1

- Address Medical Needs
 - ❖ Blunt the demand for medical care-reduce preload
 - ❖ Sustain emergency and acute care capacity
 - Protect high risk healthcare and EMS workers
 - Maintain adequate supplies of critical medical materiel
 - Maintain critical infrastructure vital to facility function
 - Augment non-hospital medical support

- Recommendations
 - ❖ Define requirements for fall response and gap between requirements and current capabilities
 - ❖ Asses current capabilities with respect to addressing medical needs of the American people
 - ❖ Define intermediate objectives and timelines to address these gaps
 - ❖ Develop flu messaging campaign regarding medical care



Triage Activities

- Call Center FAQ Development
- Engaging primary care providers
- Emergency department and primary care H1N1 management guidance
- Reduce preload-direct patients to an appropriate level of care, with identification of at risk populations
 - **Home**
 - **Out-patient clinic**
 - **Hospital**
- Web-based patient self-triage guidance



Guidance and Resources

- Home care guidance
- Treatment guidance
 - ❖ Antiviral recommendations
 - ❖ Facemask and respirator use
 - ❖ EUA of medical products
 - ❖ Infection control in various healthcare settings
 - ❖ At risk populations



Medical Surge/Worker Protection

- Medical Surge
 - ❖ Allocation of scarce resources
 - ❖ Maintain federal surge capacity
 - ❖ Engaging MRC , ESAR-VHP, and NDMS to determine their role in supporting out-patient activities
- Protection of healthcare workers