IANPHI Annual Meeting

NPHI Role in Disaster Preparedness and Response

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Building a firm foundation...

...embracing the future.

Are We Ready?

Agenda

- Rationale

- Core Competencies

- Create, Strengthen, Maintain

Public Health Responses Supported by the CDC Emergency Operations Center

World Trade Center Attack Sep 01	Space Shuttle Columbia Disaster Feb 03	Hurricane Isabel Sep 03	Avian Influenza Jan 04	West Nile Virus Aug 04	Presidential Inauguration Jan 05	Mumps April 06	XDR/MDR TB May 07	Satellite Intercept Mar 08	Salmonella Typhimurium Jan 09	NH Anthrax Jan 10
Anthrax Attack Oct 01	SARS Mar 03	Ricin Tularemia Anthrax Oct 03	BioWatch Feb 04	Hurricanes Charley, Frances, Ivan, Jeanne Aug 04	Marburg Virus Mar 05	Tropical Storm Ernesto Aug 06	Hurricane Dean Aug 07	Salmonella and E.Coli Jun 08	Presidential Inauguration Jan 09	Haiti Earthquake Jan 10
	Dedication Ceremony Apr 03	California Wildfires Oct 03	Guam Typhoon Feb 04	2004 Summer Olympics Aug 04	Hurricane Katrina Aug 05	E. coli Spinach/ Botulism Carrot Juice Sep 06		Hurricane Dolly Jul 08	H1N1 Apr 09	Deepwater Horizon Oil Spill Apr 10
	Monkeypox Jun 03	Domestic Influenza Dec 03	Ricin Domestic Response Feb 04	Republican Natl. Conv. Aug 04	Hurricanes Rita & Wilma Sep 05	E. coli Dec 06		Tropical Storm Edouard Aug 08		
	Northeast Blackout Aug 03	Mad Cow Dec 03	Cities Readiness Initiative Mar 04	Influenza Vaccine Shortage Oct 04		Rhode Island Mycoplasma Dec 06		Hurricanes Gustav, Hanna and Ike Aug-Sept 08		
			G8 Summit Jun 04	Tsunami Dec 04						
			Democratic Natl. Conv. Jul 04							

* The CDC Emergency Operations Center is CDC's command center for the coordination of emergency responses to domestic and international public health threats. Staffed 24/7/365, the facility organizes CDC scientific experts in one location during an emergency response to efficiently exchange information and connect with state, federal, and international partners.

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CDC
CENTERS FOR DISEASE CONTROL AND PREVENTION

Public Health Preparedness & Response Competency Map
(Draft 10/26/10)

Performance Goal: Proficiently perform assigned prevention, preparedness, response, and recovery role(s) in accordance with established national, state ,and local health security and public health policies, laws, and systems.

Model Leadership

1. Solve problems under emergency conditions.

2. Manage behaviors associated with emotional responses in self and others.

3. Facilitate collaboration with internal and external emergency response partners.

4. Maintain situational awareness.

5. Demonstrate respect for all persons and cultures.

6. Act within the scope of one's legal authority.

Communicate and Manage Information

7. Manage information related to an emergency.

8. Use principles of crisis and risk communication.

9. Report information potentially relevant to the identification and control of an emergency through the chain of command.

10. Collect data according to protocol.

11. Manage the recording and/or transcription of data according to protocol.

Plan for and Improve Practice

12. Contribute expertise to a community hazard vulnerability analysis (HVA).

13. Contribute expertise to the development of emergency plans.

14. Participate in improving the organization's capacities (Including, but not be limited to programs, plans, policies, laws, and workforce training).

15. Refer matters outside of one's scope of legal authority through the chain of command.

Protect Worker Health and Safety

16. Maintain personal/family emergency preparedness plans.

17. Employ protective behaviors according to changing conditions, personal limitations, and threats.

18. Report unresolved threats to physical and mental health through the chain of command.

Core Competencies -- Light

- ❑ Robust information supply chain

- ❑ Facile mechanisms to move resources quickly

- ❑ Emergency risk communications

- ❑ Incident Command Structure

- ❑ After-action reviews and lessons learned

How does CDC do it?

❑ Provide service – a platform for improved performance

❑ Practice – build on meaningful experiences

❑ Do it BETTER than everyone else

- Emergency Operations
- Scalable systems
- Emergency Medical Countermeasures

❑ Spread the wealth

❑ Safety First

Thank You!

Have a productive conference!!!

For more information please contact Centers for Disease Control and Prevention

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E-mail: cdcinfo@cdc.gov   Web: www.cdc.gov

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.

Centers for Disease Control and Prevention
Office of Public Health Preparedness and Response

Backup Slides

For more information please contact Centers for Disease Control and Prevention
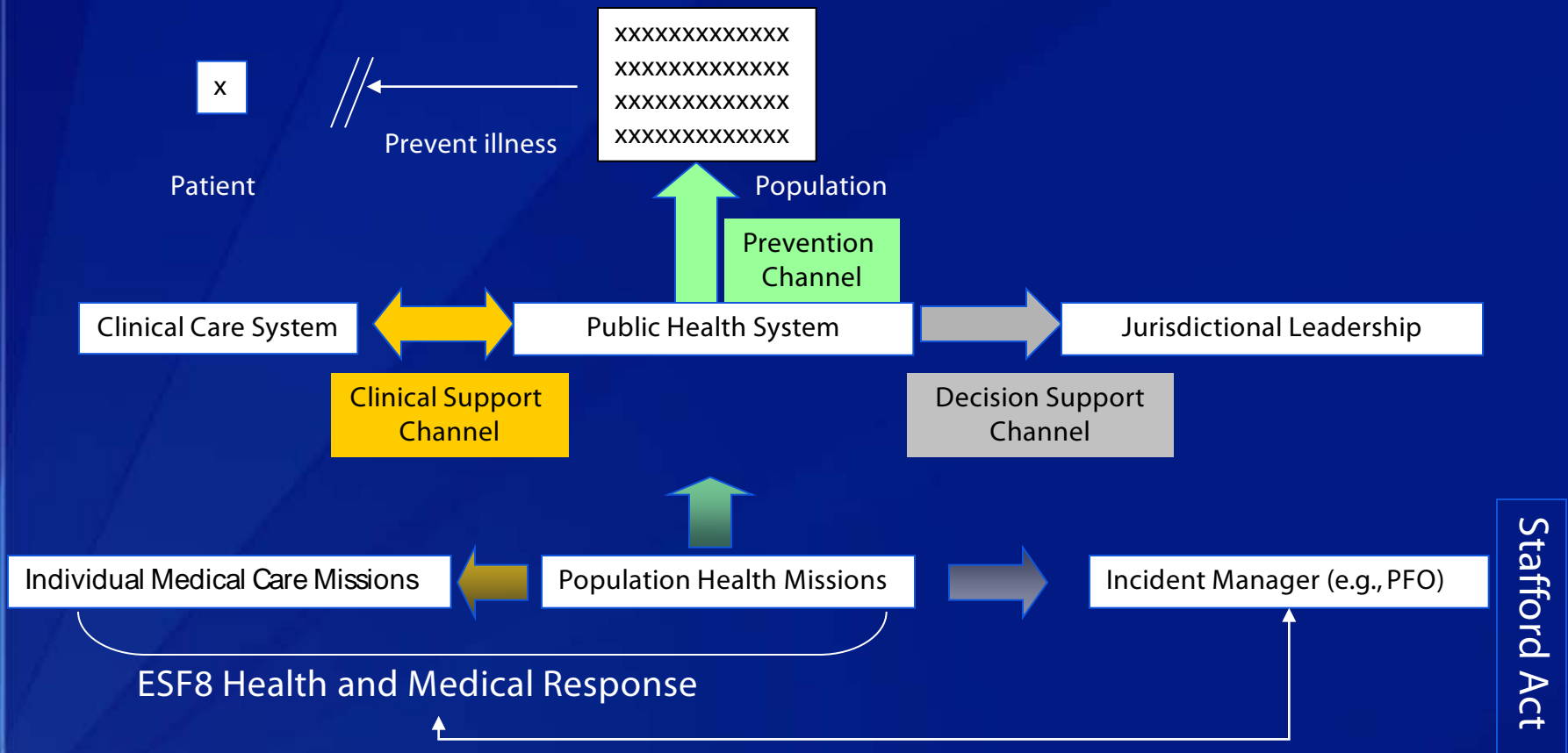
How Public Health and Medical Emergency Response Systems Work Together

- Medical Care (Individual)
    1. Support on-site care
    2. Supplement medical care providers
    3. Optimize patient distribution

- Public Health (Population)
    1. Inform medical response
    2. Reduce medical surge requirement
    3. Inform emergency response decision making

The Relationship between Clinical and Public Health Response

x

Patient

Prevent illness

xxxxxxxxxxxxx
xxxxxxxxxxxxx
xxxxxxxxxxxxx
xxxxxxxxxxxxx

Population

Prevention Channel

Clinical Care System

Public Health System

Jurisdictional Leadership

Clinical Support Channel

Decision Support Channel

Individual Medical Care Missions

Population Health Missions

Incident Manager (e.g., PFO)

ESF8 Health and Medical Response

Stafford Act

Public Health Emergency Preparedness Cooperative Agreement

- **Managed by the OPHPR Division of State and Local Readiness**

  ➢ Provides guidance and funding (~$688.9 M in FY09) to 62 state, local, and territorial public health departments to strengthen preparedness (including pandemic influenza)

  ➢ Technical assistance and consultation provided through Project Officers and CDC subject matter experts

  ➢ Gathers performance data on exercises and real events through public health department reporting

Strategic National Stockpile

- **Managed by the OPHPR Division of Strategic National Stockpile**

  - Operates and maintains the national repository of critical medical assets including antibiotics, antiviral drugs, antitoxins, other life-support medications, and supplies

  - Procures, stores, and delivers these assets to the site of a public health emergency

  - Can deploy a Stockpile Service Advance Group (SSAG) team to assist state and local officials during a public health emergency

  - Technical assistance provided to state and local public health departments to move medical assets from warehouses to points of dispensing

CDC's Emergency Operations Center

- Managed by the OPHPR Division of Emergency Operations

  - ➤ Functions as CDC's command center for coordinating emergency responses to domestic and international public health threats

  - ➤ Staffed 24/7/365 to provide worldwide situational awareness

  - ➤ Coordinates CDC's preparedness, assessment, response, recovery, and evaluation for public health emergencies

  - ➤ Serves as the central point of contact for state agencies reporting potential public health threats to CDC

Select Agent Program

- Managed by the OPHPR Division of Select Agents and Toxins

  - Regulates all entities that possess, use, or transfer biological agents or toxins that could pose a severe threat to public health and safety

  - Designed to ensure compliance with the select agent regulations by providing guidance to registered entities and conducting evaluations and inspections

  - Collaborates with U.S. Department of Agriculture and the Department of Justice to protect public health by ensuring laboratory biosafety and security among facilities working with select agents