

# Post-Disaster Data Collection Tool Kit: New CDC Initiative

2009 Integrated Medical, Public Health,  
Preparedness and Response Training  
Summit

Dallas, Texas

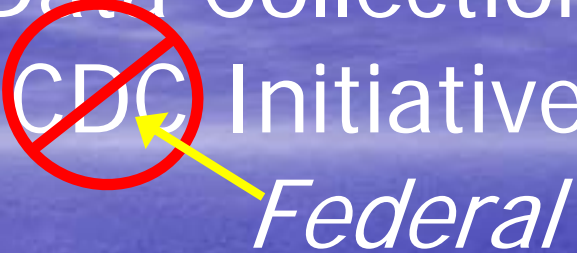
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Post-Disaster Data Collection Tool Kit:  
New ~~CDC~~ Initiative  
*Federal*



OR

Tools for Disaster Data Collection –  
Working Toward Consensus in  
Federal Response Teams

# Today's Talk (Same as PHP Summit)

## Disaster Data Collection Tools Workgroup

- Genesis
- Goals, Principles
- Data Collection Functions
- Progress to date
- Partners
- Collaboration Opportunities

# Background

- Preparedness efforts pre-2001
  - Corps readiness initiative
  - Federal bioterrorism funding
- 9-1-1 happens
- Existing federal (NDMS) response teams
- New federal response teams
  - Applied Public Health Teams (APHT's)
  - Rapid Deployment Force (RDF) Teams
  - Mental Health Teams (MHT's)
  - Five each, 15 in all

# Genesis of DDCTW

- Camp Bullis Exercise
- OFRD Planning Call
  - November 30, 2007
  - EMR vs. Training
  - Mandate to come to consensus on tools
- OFRD, CDC Disaster Surveillance Workgroup guidance
  - Kimberly Elenberg
  - Rebecca Noe

# Rationale

- Many different federal response teams
  - May be doing same or overlapping functions
  - May be deployed in succession
  - No coordination about tools used between teams
- Using same tools for same functions
  - Streamlines data aggregation
  - Facilitates coordination between teams
  - Improves rapid decision-making
  - Makes cross-team training possible

# Evolutionary Process

- Check out mandate – January 2008
  - ASPR – RADM Vanderwagon
  - APHT Team Leaders
- Work on structuring workgroup & concept
  - EMR Focus but other ideas floated
  - Discussion with many surveillance types
  - Solicit members to participate
    - Beginning late January

# Who was Targeted?

- APHT members
- RDF Team members
- MHT members
- ASPR specialists
- CDC specialists
- Anyone referred by other participants

# Keeping the Ball Rolling

- Discussion with Dr. Yeskey, NDMS Head
  - Membership solicitation discussed
  - ASPR support reiterated
- Membership solicitation
  - First main focus
  - February – July, 2008
  - Over 100 invited to participate

# Getting Started

- Orientation Meeting
  - Invited all interested parties
  - Tried for April but ended up in June
- June 25<sup>th</sup>, 2008
  - 80 invited/43 attended
  - Discussed
    - Goals, Objectives
    - Formulated plan of action

# Goals of DDCTW

- To work toward consensus on data collection tools used across federal response teams
- To avoid duplicating effort or creating conflict with already-existing initiatives

# What DDCTW is NOT

## Not to:

- Define data elements for specific data collection functions
- Promote a favorite software, form, etc.
- Push any agency's agenda
- "Fix" existing tools
  - e.g., NDMS Emergency Medical Record

# Underlying Principles

- Using similar data collection approaches across teams is desirable
- Breaking it down by data collection function makes it do-able
- Multidisciplinary approach on each work group
- Strive to rely on work already done
- Work as a team to come up with the “right” solutions

# Data Collection Functions

- Clinical Management
- Shelter Surveillance
- Community (Morbidity) Surveillance
- Hospital Surveillance
- Epidemiologic Investigation
- Environmental Health Community Assessment
- Environmental Health Shelter Assessment
- Mortality Surveillance
- Mental Health Surveillance
- Community Needs Assessment
- Pharmacy
- Veterinary
- Technology Tools
- Data Transfer
- Poison Control

# Data Collection Functions

- Clinical Management
- Shelter Surveillance
- **Community (Morbidity) Surveillance** 
- Hospital Surveillance
- Epidemiologic Investigation
- Environmental Health Community Assessment
- Environmental Health Shelter Assessment
- **Mortality Surveillance**
- Mental Health Surveillance
- **Community Needs Assessment**
- Pharmacy
- Veterinary
- **Tech Tools/Data Trans**
- **Safety and Occupational Health (added)**
- **Poison Control**

# What **Tools** are We Talking About?

- Data Collection Forms
- Software
- Hardware

# Progress to Date

- Orientation Meeting June 25, 2008
- Subcommittee Selection Survey
  - Sent out July 28, 2008
  - ~60 members completed by October
  - Allowed preferences for subcommittee placement
- Organized Subcommittees, solicited leaders – October, 2008
- Group Leaders Meeting – November 21

# Progress to Date (cont.)

- Groups met initially December 2008
  - Scopes drafted
  - Meeting schedules determined
- Need for technology advanced
  - SharePoint offered by ASPR
  - CDC may offer webinar access
- June 2009 deadline for initial results

The background is a smooth blue gradient, transitioning from a lighter blue on the left to a darker blue on the right. A bright sun flare is visible on the left side, creating a white and yellow glow that fades into the blue. The overall effect is serene and clean.

# Partners

# CDC Disaster Surveillance Working Group (DSWG)

- Established following Hurricane Katrina
- Cross-organizational work group
- Goals:
  - Develop standardized surveillance tools
  - Reach out to states to gain consensus and awareness of tools
  - Evaluate tools
  - Provide technical resources to states

# Available Forms

- Natural Disaster Morbidity Form
- Abbreviated Natural Disaster Morbidity Form
- Individual Natural Disaster Morbidity Tally Form
- Aggregate Natural Disaster Morbidity Form

# 2008 Hurricane Experience

- Hurricane Gustav
  - Sent forms to all state health departments impacted by storm or receiving evacuees
  - Received daily aggregate forms from Kentucky and Arkansas
- Hurricane Ike
  - Received multiple requests for surveillance forms from CDC Public Health Service staff
  - Did not receive data from Field Medical Stations or deployed Applied Public Health Teams

# Lessons Learned

- Existing relationships extremely helpful in reaching out to states during the disaster
- Unclear of CDC role versus US PHS role in response to hurricane
- Lack of communication with deployed PHS teams
- Medical intake form common request

# ASPR Region IV

- Federal/State coordination on disaster data collection
- Assessments and Data Collection effort
  - IRCT – Incident Regional Command Team
  - Wide initiative
  - Data Collection Tools is one component
  - Will fold DDCTW initiative results into this
- Tools already in development

# Department of Defense

- Interagency Surveillance Data Sharing Meeting
- Community disaster surveillance collaboration
- Meeting January 6-7, 2009

Discussion Time

Breakout Groups

# Collaboration Questions

1. What areas of disaster data collection do you see as priorities for consistency across federal response teams?

# Collaboration Questions

2. How can we gather appropriate, useful and tested tools from state health departments?

# Collaboration Questions

3. Are there areas of disaster data collection that you think we are missing in this approach?

# Collaboration Questions

4. Who could or should advocate for particular tools with federal response agencies outside of HHS?

# Collaboration Questions

5. How much coordination between different data collection functions should we strive for given these will only be used in disaster situations?

# Collaboration Questions

- Additional questions:
  - What are the crucial issues you can identify for disaster data collection?
  - Do you recommend we look at any particular tools?
  - Are there others you think should be included in the discussion?

# Thank You!

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