Medical Countermeasure Operational Readiness Review (ORR) Workshop

Natalie Sanchez, M.P.H.
Medical Countermeasures Team Lead
CDC Division of State and Local Readiness

Workshop Preview Webinar
July 18, 2017
Objectives

- To describe the Medical Countermeasure (MCM) Operational Readiness Review (ORR) Workshop expectations

- To describe the MCM ORR redesign process and next steps

- To highlight the MCM ORR descriptive and demographic evaluation elements
Agenda

- MCM ORR workshop overview and expectations
- Lessons learned
- Improvements made
- Metrics and evaluation
- Next steps
- Overview of ORR descriptive and demographic evaluation elements
Workshop Overview

- **Participants**
  - 62 PHEP MCM coordinators
    - Who will conduct the self-assessment reviews as well as train local reviewers within their jurisdictions
    - Who are responsible for coordinating ORRs in directly funded localities and territories

- **Purpose**
  - Provide an overview of MCM ORR redesign
  - Demonstrate MCM ORR online informatics system
  - Share information that will enhance consistency among state reviewers
Workshop Expectations

- Upon completion of the workshop, participants will know how to:
  - Schedule and participate in an ORR site visit
  - Conduct an ORR self-assessment using the online system
  - Collect and report data on the following HPP-PHEP cooperative agreement requirements:
    - Annual Public Health Emergency Preparedness (PHEP) exercises
    - Emergency operations center (EOC) activations for real incidents
    - Joint Hospital Preparedness Program (HPP) - PHEP exercise
  - Conduct a review of local self-assessments using the online system (state MCM coordinators)
Workshop Reminders

- Bring your computer laptop
- **Dress code: Business casual**
  - Bring a sweater or jacket for cold rooms
- Work directly with NEMA (National Emergency Management Association) for travel reimbursements
- Breakfast and lunch will be provided
MCM ORR REDESIGN PROCESS
Lessons Learned from 2015 – 2016 MCM ORR

- **Process improvements**
  - Differentiate between state/local/territories
  - Enhance training and guidance to ensure reviewer consistency

- **Data quality**
  - “Unbundle” the elements in the tool
  - Clarify and revise elements to increase precision of measurement
  - Integrate all MCM-related data sources into one system
    - Example: calculations of staffing shortfalls

- **Online data collection capability**
  - SharePoint functioned as a static file cabinet vs. an informatics system for program management
2017 Approach to Improving MCM ORR

- **Process for Continuous Quality Improvement**
  - Continuous feedback from internal/external MCM SMEs, ASTHO, NACCHO, Directors of Public Health Preparedness (DPHP) Executive Committee to further refine process and system
  - Contract with Data Collation and Integration for Public Health Event Responses (DCIPHER) to build comprehensive informatics system capable of continuous cycle of improvement
  - Beta testing with MCM SMEs and awardees provided useful feedback/modifications
    - May and June 2017
      - 40 state/local testers
      - Positive anecdotal feedback
## Content Improvements

<table>
<thead>
<tr>
<th>MCM ORR Issues</th>
<th>2017 Improvements</th>
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<tbody>
<tr>
<td>Bundled questions</td>
<td>• Unbundled questions for discrete measurement</td>
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<tr>
<td>Inconsistent interpretation of questions</td>
<td>• Enhanced guidance incorporating tips for interpretation into the system</td>
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<td>Questions not tailored to jurisdictional type</td>
<td>• Jurisdictional type-specific questions developed</td>
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<td>Inconsistency of reviewers</td>
<td>• Consensus building with DSLR MCM staff</td>
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<td></td>
<td>• In-person training for 62 PHEP recipients in Atlanta, July 2017</td>
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<td>• Webinars for additional reviewers and stakeholders</td>
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# Data Collection Improvements

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<thead>
<tr>
<th>MCM ORR Issues</th>
<th>2017 Improvements</th>
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<tr>
<td>SharePoint was problematic and not user-friendly</td>
<td>Online web-based tool (DCIPHER)</td>
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<tr>
<td></td>
<td>• Secure access (SAMS credentials)</td>
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<td></td>
<td>• Real-time access — awardee can access 24/7</td>
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<tr>
<td></td>
<td>• Interactive comments (awardee/reviewer) documented</td>
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<tr>
<td>Challenges saving data (User and CDC)</td>
<td>• In-process ability to save</td>
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<td></td>
<td>• Timestamps</td>
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<td></td>
<td>• Maintains historical information</td>
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<td></td>
<td>• PDF upload (for sites with connectivity issues)</td>
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<tr>
<td>Printing challenges</td>
<td>• Includes printing functionality</td>
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<td>Inconsistent ability to submit documentation</td>
<td>• Documents directly uploaded in the system</td>
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<td>• One-stop-shop for all MCM data</td>
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<tr>
<td>Lack of clarity and real-time info on an awardee's status</td>
<td>• Awardee dashboard summary</td>
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<td></td>
<td>• Functionality includes ability to provide status level in real-time</td>
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Integrated MCM ORR

Descriptive/Demographic Elements

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<tr>
<th>Jurisdictional Data Sheets (JDS)</th>
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<tr>
<td>State</td>
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<tr>
<td>DFL</td>
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<tr>
<td>Local</td>
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<tr>
<td>Territory</td>
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Receiving Site Survey (RSS)

POD Planning Standards

Critical Contact Sheet

The above may be completed in any order. Interoperability between forms is built into the system.

Planning Elements

Distribution

Dispensing

The above may be completed in any order. Interoperability between forms is built into the system.

Operational Elements

FE

TTX

Set-up Facility Drill

Site Activation Drill

Staff Notification Drill

Dispensing Throughput Drill

Dispensing or Vaccine FSE

Distribution FSE

TEPW-MYTEP

AAR/IP

The above may be completed in any order. Interoperability between forms is built into the system.
Metrics and Evaluation

- System integrates planning with evidence of operational capability
- System incorporates metrics
  - Jurisdictional risk/hazard assessments
  - Plans for vulnerable populations
  - Drills, exercises, and real incidents/events
  - Verification of core staffing
- Implementing continuous quality improvement plan
  - Continual feedback and revision
- 2022 Goal
  - 62 PHEP awardees will reach status level of “established” for planning and operations
Future Direction for the ORR

- Incorporating reporting features
- Incorporating elements related to pandemic influenza
- Expanding the ORR to include all 15 public health preparedness capabilities
- Using the ORR as a platform for all PHEP program evaluation
For more information please contact Centers for Disease Control and Prevention

1600 Clifton Road NE, Atlanta, GA 30333
Telephone, 1-800-CDC-INFO (232-4636)/TTY: 1-888-232-6348
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.
MCM ORR Online System Demonstration

Randeep (Ricky) Mann
Deployment Strategist, Palantir Technologies, Inc.
Data Collation and Integration for Public Health Event Responses (DCIPHER)
CDC Email: nu06@cdc.gov
Palantir Email: rmann@palantir.com
Questions?

For more information please contact Centers for Disease Control and Prevention

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