2017 Medical Countermeasure Operational Readiness Review Implementation

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PHEP Directors Briefing

August 15, 2017

Agenda

- **The Path to the 2017 MCM ORR**
- **Overview of July Workshop for MCM Coordinators**
- **What's New for 2017**
- **Metrics and Evaluation**
- **What Every PHEP Director Needs to Know**
- **National Reporting of Data**
- **Next Steps and Future Direction**

LESSONS LEARNED AND IMPROVEMENTS MADE

Lessons Learned from 2015-2016 MCM ORR

- **Process improvements**
  - Differentiate between states/localities/territories
  - Enhance training and guidance to ensure reviewer consistency
- **Data quality**
  - "Unbundle" 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 versus an informatics system for program management

2017 Approach to Improving MCM ORR

- **Agile Process for Continuous Quality Improvement**
    - Continuous feedback from internal/external MCM subject matter experts, ASTHO, NACCHO, and 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 subject matter experts and recipients provided useful feedback/modifications
        - May and June 2017
            - 40 state/local testers
            - Positive anecdotal feedback

Content Improvements

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

Data Collection Improvements

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

2017 Implementation Status

- Final changes, including those based on July workshop feedback, currently underway

- System expected to be released September 18

- ORR site visits scheduled to begin in November

MCM WORKSHOP FEEDBACK

Workshop Summary

❑ **Training on ORR IT system (Data Collection Center)**

- 2.5 day workshop in Atlanta
- 61 awardee representatives attended
- Breakout sessions for jurisdictional type as applicable
- Reviewed components of new system designed to better assess each jurisdictional level
  - States
  - Directly funded localities (DFLs)
  - Territories and freely associated states (TFASs)
  - Cities Readiness Initiative (CRI) local planning jurisdictions
  - Potentially other jurisdictions to assess capabilities statewide

Welcome to the Medical Countermeasure Operational Readiness Review Workshop

Workshop Summary

- **Pre- and post-surveys conducted to assess knowledge and confidence**
- **Knowledge about the forms within the system (used to enter information for review) increased by:**
  - 50-94% for descriptive forms (3-4 forms)
  - 78-81% for planning forms (2 forms)
  - 69-98% for operations/exercise forms (8 forms)
- **Overall confidence in ability to complete ORR process, including site visit, increased by 26%**
- **Knowledge of PHEP program exercise requirements increased by 21%**

Workshop Feedback

- *The presenters were knowledgeable and articulate.*
- *The Pacific Islands break-out sessions were very beneficial.*
- *Very good, considering the software is still not final. Nice to see before being published; thank you for the opportunity.*
- *The workshop was very well organized, and the instructors were very knowledgeable presenting the topics.*
- 10 recipients thought it would be beneficial to expand the system statewide for evaluation of other local jurisdictions.
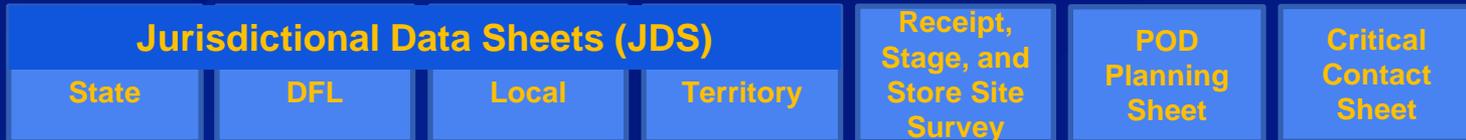
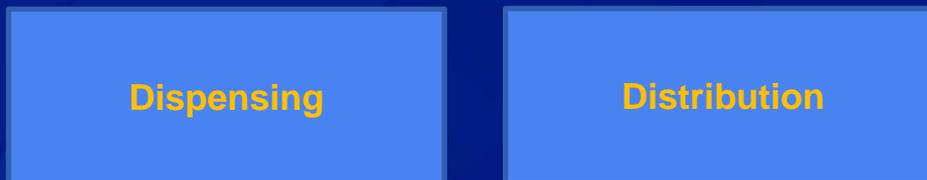# 2017 CHANGES

New Data Collection Center

- ❑ **Integration**
- ❑ **Design**
- ❑ **Reporting requirements**
- ❑ **Metrics**

Integrated ORR

Descriptive Module

Jurisdictional Data Sheets (JDS)

State	DFL	Local	Territory	Receipt, Stage, and Store Site Survey	POD Planning Sheet	Critical Contact Sheet

Planning Module

Dispensing	Distribution

Comparable to previous planning section

Operational Module

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		

Comparable to previous operations section except now focused on all PHEP program requirements

System Entry – SAMS Accessible

System Entry – DCIPHER Front Page

Home Page

Arkansas BP 1+2 `Open`
ORR Home Page

Overview   Supporting Documents `0`

ORR Information

Descriptive Module Status	N/A
Planning Module Status	N/A
Operational Module Status	N/A
Latest Successful IDE Test	
ORR Review Date	09/15/2017
Latest Feedback	06/17/2017
Last Form Reviewed	Distribution Planning

Current Forms

Select... ▼   Create Form

Form Name	Review Stage	Submission Date
AAR/IP Form	Open	N/A
Administrative Tabletop Exercise (TTX)	Open	N/A
Critical Contact Sheet	Open	N/A
Dispensing Full Scale Exercise/Incident	Open	N/A
Dispensing Planning (States)	Open	N/A
Dispensing Throughput Drill	Open	N/A
Distribution Full Scale Exercise/Incident	Open	N/A
Distribution Planning (Awardees)	Open	N/A
Facility Set-up Drill	Open	N/A
Jurisdictional Data Sheet (JDS) - States	Open	N/A
PHEP/Functional/Full Scale Exercise or Incident	Open	N/A
POD Planning Form	Open	N/A
RSS Site Survey(s) Form	Open	N/A
Site Activation Drill	Open	N/A
Staff Notification & Assembly Drill	Open	N/A
TEPW/MYTEP Form	Open	N/A

✏ Edit 🔄 Review ⬆ Upload 🖨 Print

Descriptive Forms

Arkansas BP 1+2 Open
ORR Home Page
Overview   Supporting Documents 0

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TEPW/MYTEP Form	Open	N/A

Edit   Review   Upload   Print

Planning Forms

Operations Forms

Arkansas BP 1+2 `Open`
ORR Home Page

Overview   Supporting Documents `0`

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✏ Edit   🔄 Review   ⬆ Upload   🖨 Print

Metrics and Evaluation

- **Jurisdictional evaluation of operational readiness**
  - System connects planning to evidence of operational capability
  - System incorporates metrics
    - Jurisdictional risk/hazard assessments
    - Plans for vulnerable populations
    - Drills, exercises, and real incident
    - Verification of core staffing

- **Implementing continuous quality improvement (CQI) plan**
  - Agile process informs system improvements
  - Continual feedback, revision, and adaptation cycle

WHAT EVERY PHEP DIRECTOR NEEDS TO KNOW

Preparing for a CDC ORR Site Visit

❑ **Schedule ORR site visit 3 – 6 months in advance**

❑ **Develop agenda**

❑ **Invite jurisdictional partners**

❑ **Provide sufficient evidence**

- Submit data in smaller increments; system is available 24/7
- Submit all documentation at least 20 business days prior ORR site visit date

❑ **Participate in site visit exit meeting**

❑ **Provide site visit follow-up data**

- Relevant supplementary documentation may be submitted to CDC within 5 business days from the ORR site visit date

PHEP Operational Reporting Requirements

❑ **Annual Program Requirements:**

- Multiyear training and exercise plans (MYTEP)

- PHEP exercise including vulnerable population partners

- After-action reports for all incidents <u>in which an emergency operations center (EOC) is activated</u>; all functional exercises; and all full- scale exercises

Summary of Project Period Requirements

❑ **MCM distribution full-scale exercise/incident form**

❑ **MCM dispensing full-scale exercise/incident form**

❑ **PHEP joint functional or full-scale exercise**

❑ **Optional exercises**

  ▪ Fiscal preparedness (administrative) tabletop exercise

  ▪ Community reception center tabletop or functional exercise

Dispensing Full Scale Exercise/Incident	Open	N/A
Distribution Full Scale Exercise/Incident	Open	N/A
PHEP/Functional/Full Scale Exercise or Incident	Open	N/A

❑ **After-action report/improvement plan forms**

Form Submission

Minimum forms that must be completed and submitted prior to a scheduled site visit.

Type of Form	State	DFL	Territory	CRI
Jurisdictional Data Sheet (JDS)	✓	✓	✓	✓
Critical Contact Sheet	✓	✓	✓	
Point-of-Dispensing (POD)	✓*	✓	✓	✓
Distribution Planning	✓	✓	✓	✓
Dispensing Planning	✓	✓	✓	✓
Training and Exercise Planning Form	✓	✓	✓	✓

MCM ORR DATA REPORTING

Reporting

- ❑ **ORR national reports**
  - ▪ DSLR report of national aggregate data
  - ▪ Awardee-specific data and rankings
    - • Ability to compare jurisdictional data with national data
  - ▪ Data will be made available for:
    - ○ National Preparedness Report (FEMA)
    - ○ CDC Preparedness Report
    - ○ Potential use by partners: NHSPI, ASPR/PHEMCE, etc.
  - ▪ Think tank work in process to explore optimal options for data visualization
- ❑ **ORR jurisdictional reports**
  - ▪ Status levels (descriptive, planning, and operational)
  - ▪ Technical assistance plans include recommendations for improvement, timelines, and responsible parties

NEXT STEPS AND FUTURE DIRECTION

Next Steps for the ORR

❑ **Incorporating elements related to pandemic influenza**

❑ **Expanding the ORR to include all 15 public health preparedness capabilities**

❑ **Using the ORR as a tool for all PHEP program evaluation**

❑ **Working collaboratively with other offices within CDC to incorporate expanded subject matter areas**
- Radiological/nuclear emergencies
- Other naturally occurring or intentional threats

How Pandemic Influenza Fits into MCM Strategies

- **2017 ORR system incorporates mass vaccination and community vaccination**

- **New five-year exercise requirements**
  - Allow testing of mass vaccination plans

- **Pandemic influenza planning elements will be incorporated in awardee-specific medical countermeasure technical assistance action plans**

Questions?

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.

Office of Public Health Preparedness and Response
Division of State and Local Readiness