

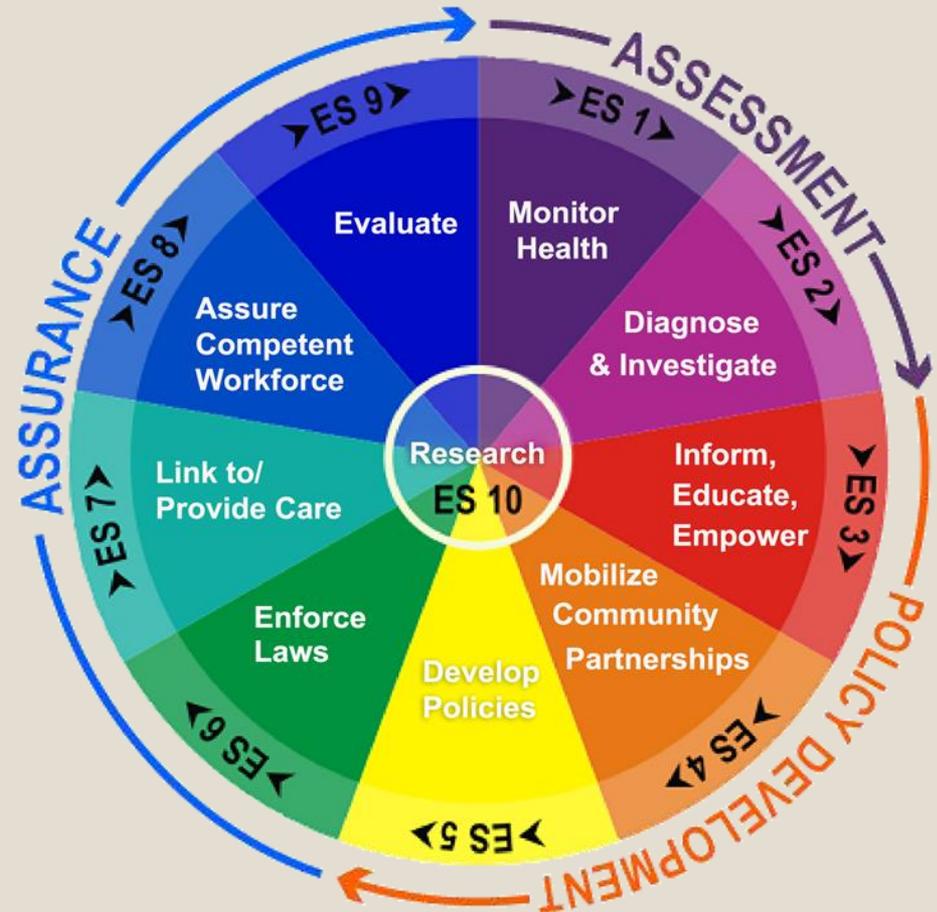
Essential Service 2: Diagnose and Investigate Health Problems and Health Hazards

Breakout Session A:
9:05AM-11:00AM

Facilitators:

Peggy Rios, PhD
Iris Jackson, DNP, MBA, ARNP, FNP-BC, LHRM

- Are we ready to respond to health problems or health hazards in our county?
- How quickly do we find out about problems?
- How effective is our response?



Session Outline

- ❖ **Introductions**
- ❖ Review ground rules
- ❖ **Process and material overview**
- ❖ Essential service and activities review
- ❖ **Review current Essential Service activity**
- ❖ Repeat the following for each Model Standard:
 - **Read Model Standard**
 - Discuss Model Standard activity (i.e., examples)
 - **Facilitate Discussion Questions**
 - Score Performance Measures
 - **Further discussion as needed/re-vote if necessary**
 - Consensus on final score
 - **Summarize strengths, weaknesses, and short- and long-term improvement opportunities for the Model Standard**
- ❖ Session Summary and Recap

Ground Rules

- Stay present (phones on silent/vibrate, limit side conversations)
- Speak one at a time
- Be open to new ideas
- Step up/step back (to make sure all participate)
- Avoid repeating previous remarks
- Allow facilitator to move conversation along
- Welcome all perspectives
- Use electronic device to vote (everyone votes at same time)
- Raise hand to request additional discussion before voting
- Prepare to provide examples and explanation to inform group and increase understanding of your rating



NACCHO
National Association of County & City Health Officials

National Public Health
Performance Standards
Local Assessment Instrument
Version 3.0

Essential Service 2

Diagnose and Investigate Health Problems and Health Hazards

- Accessing a public health laboratory capable of conducting rapid screening and high-volume testing.
- Establishing active infectious disease epidemiology programs.
- Creating technical capacity for epidemiologic investigation of disease outbreaks and patterns of the following: (a) infectious and chronic diseases, (b) injuries, and (c) other adverse health behaviors and conditions.



Essential Service 2 Partners

Model Standard 2.1: Identifying and Monitoring Health Threats

- Conducts surveillance to watch for outbreaks of disease, disasters, and emergencies (both natural and manmade), and other emerging threats to public health
- Use of surveillance data
- Prepare for and respond to identified public health threats
- LPHS connects its surveillance systems with state and national systems
- All parts of the system work together to collect data and report findings



Model Standard 2.1: Identifying and Monitoring Health Threats

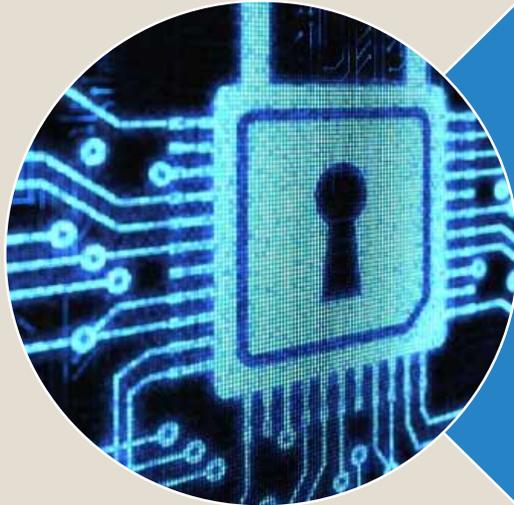
To accomplish this, members of the LPHS work together to:

- Participate in a comprehensive surveillance system with national, state, and local partners to identify, monitor, and share information and understand emerging health problems and threats.
- Provide and collect timely and complete information on reportable diseases, potential disasters and emergencies, and emerging threats (natural and manmade).
- Ensure that the best available resources are used to support surveillance systems and activities, including information technology, communication systems, and professional expertise.



Discussion Questions for Model Standard 2.1

Awareness



How many of you are aware of the LPHS contributions to surveillance system(s) designed to monitor health problems and identify health threats?

Discussion Questions for Model Standard 2.1

Quality and Comprehensiveness



Which data sets are included in the surveillance system?



How well is the surveillance system integrated with national and/or state surveillance systems?



Is the surveillance system compliant with national and/or state health information exchange guidelines?



What types of resources are available to support health problem and health hazard surveillance and investigation activities within the LPHS?

Discussion Questions for Model Standard 2.1

Usability



How does the LPHS use the surveillance system(s) to monitor changes in the occurrence of health problems and hazards?

We will be using Participoll in this presentation.
Please have this website ready:

<http://mapp.participoll.com>

<http://mapp.participoll.com/>



If technical difficulties are encountered during the polling, please use the five assorted color index cards found in your welcome packet to vote.

Scoring Chart



A	Optimal Greater than 75% of the activity described within the question is met.
B	Significant Greater than 50% but no more than 75% of the activity described within the question is met.
C	Moderate Greater than 25% but no more than 50% of the activity described within the question is met.
D	Minimal Greater than zero but no more than 25% of the activity described within the question is met.
E	No Activity 0% or absolutely no activity.

To vote, visit <http://mapp.participoll.com>

If technical difficulties are encountered during the polling, please use the five assorted color index cards found in your welcome packet to vote.

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Performance Measures for Model Standard 2.1

At what level does the LPHS...

2.1.1 Participate in a comprehensive surveillance system with national, state, and local partners to identify, monitor, and share information and understand emerging health problems and threats?

A	Optimal Greater than 75% of the activity described within the question is met.
B	Significant Greater than 50% but no more than 75% of the activity described within the question is met.
C	Moderate Greater than 25% but no more than 50% of the activity described within the question is met.
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E	No Activity 0% or absolutely no activity.



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Performance Measures for Model Standard 2.1

At what level does the LPHS...

2.1.2 Provide and collect timely and complete information on reportable diseases and potential disasters, emergencies, and emerging threats (natural and manmade)?

A	Optimal Greater than 75% of the activity described within the question is met.
B	Significant Greater than 50% but no more than 75% of the activity described within the question is met.
C	Moderate Greater than 25% but no more than 50% of the activity described within the question is met.
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Performance Measures for Model Standard 2.1

At what level does the LPHS...

2.1.3 Ensure that the best available resources are used to support surveillance systems and activities, including information technology, communication systems, and professional expertise?

A	Optimal Greater than 75% of the activity described within the question is met.
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Performance Measures for Model Standard 2.1

Strengths

Weaknesses

**Short-Term
Improvement
Opportunities**

**Long-Term
Improvement
Opportunities**

Model Standard 2.2: Investigating and Responding to Public Health Threats and Emergencies

- Ready to handle possible threats to public health
- LPHS professionals works closely together to collect and understand related data
- Many partners support the response with communication networks already in place
- Response to an emergent event is in accordance with current emergency operations coordination guidelines

Model Standard 2.2: Investigating and Responding to Public Health Threats and Emergencies

To accomplish this, members of the LPHS work together to:

- Maintain written instructions on how to handle communicable disease outbreaks and toxic exposure incidents, including details about case finding, contact tracing, and source identification and containment.
- Develop written rules to follow in the immediate investigation of public health threats and emergencies, including natural and manmade disasters.
- Designate a jurisdictional Emergency Response Coordinator.

Model Standard 2.2: Investigating and Responding to Public Health Threats and Emergencies

To accomplish this, members of the LPHS work together to:

- Rapidly and effectively respond to public health emergencies according to emergency operations coordination guidelines.
- Identify personnel with the technical expertise to rapidly respond to possible biological, chemical, or nuclear public health emergencies.
- Evaluate emergency response exercises and incidents for effectiveness and opportunities for improvement (e.g., using hot washes, After Action Reports, and Improvement Plans).

Discussion Questions for Model Standard 2.2

Involvement



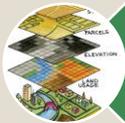
Who is the LPHS designee serving as the Emergency Response Coordinator within the jurisdiction?



How does the Emergency Response Coordinator coordinate emergency activities within the LPHS?



Does the LPHS maintain a current list of personnel with the technical expertise to respond to natural and intentional emergencies and disasters?



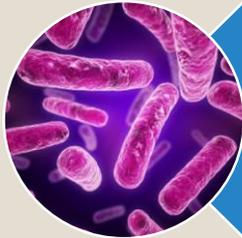
How does the LPHS ensure a timely response from emergency personnel, including sufficient numbers of trained professionals?



How does the LPHS mobilize volunteers during a disaster?

Discussion Questions for Model Standard 2.2

Quality and Comprehensiveness



How does the LPHS use written processes and standards for implementing a program of case finding, contact tracing, source identification, and containment for communicable diseases or toxic exposures?



How are LPHS personnel prepared to rapidly respond to natural and intentional disasters?

Discussion Questions for Model Standard 2.2

Usability



How does the LPHS evaluate public health emergency response incidents for effectiveness and opportunities for improvement (e.g., After Action Reports, Improvement Plans)?



How are the findings used to improve emergency plans and response?

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Performance Measures for Model Standard 2.2

At what level does the LPHS...

2.2.1 Maintain written instructions on how to handle communicable disease outbreaks and toxic exposure incidents, including details about case finding, contact tracing, source identification and containment?

A	Optimal Greater than 75% of the activity described within the question is met.
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C	Moderate Greater than 25% but no more than 50% of the activity described within the question is met.
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Performance Measures for Model Standard 2.2

At what level does the LPHS...

2.2.2 Develop written rules to follow in the immediate investigation of public health threats and emergencies, including natural and intentional disasters?

A	Optimal Greater than 75% of the activity described within the question is met.
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C	Moderate Greater than 25% but no more than 50% of the activity described within the question is met.
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Performance Measures for Model Standard 2.2

At what level does the LPHS...

2.2.3 Designate a jurisdictional Emergency Response Coordinator?

A	Optimal Greater than 75% of the activity described within the question is met.
B	Significant Greater than 50% but no more than 75% of the activity described within the question is met.
C	Moderate Greater than 25% but no more than 50% of the activity described within the question is met.
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Performance Measures for Model Standard 2.2

At what level does the LPHS...

2.2.4 Prepare to rapidly respond to public health emergencies according to emergency operations coordination guidelines?

A	Optimal Greater than 75% of the activity described within the question is met.
B	Significant Greater than 50% but no more than 75% of the activity described within the question is met.
C	Moderate Greater than 25% but no more than 50% of the activity described within the question is met.
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Performance Measures for Model Standard 2.2

At what level does the LPHS...

2.2.5 Identify personnel with the technical expertise to rapidly respond to possible biological, chemical, and nuclear public health emergencies?

A	Optimal Greater than 75% of the activity described within the question is met.
B	Significant Greater than 50% but no more than 75% of the activity described within the question is met.
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Performance Measures for Model Standard 2.2

At what level does the LPHS...

2.2.6 Evaluate incidents for effectiveness and opportunities for improvement (such as After Action Reports, Improvement Plans, etc.)?

A	Optimal Greater than 75% of the activity described within the question is met.
B	Significant Greater than 50% but no more than 75% of the activity described within the question is met.
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Discussion Notes for Model Standard 2.2

Strengths

Weaknesses

**Short-Term
Improvement
Opportunities**

**Long-Term
Improvement
Opportunities**

Model Standard 2.3: Laboratory Support for Investigating Health Threats

- Ability to produce timely and accurate laboratory results for public health concerns
- Results are made available on time
- Any laboratory used by public health meets all licensing and credentialing standards

Model Standard 2.3: Laboratory Support for Investigating Health Threats

To accomplish this, members of the LPHS work together to:

- Have ready access to laboratories that can meet routine public health needs for finding out what health problems are occurring.
- Maintain constant (24/7) access to laboratories that can meet public health needs during emergencies, threats, and other hazards.
- Use only licensed or credentialed laboratories.
- Maintain a written list of rules related to laboratories, for handling samples (including receiving, collecting, labeling, storing, transporting, and delivering), determining who is in charge of the samples at what point, and reporting the results.



Discussion Questions for Model Standard 2.3

Quality and Comprehensiveness



Where does the LPHS maintain ready access to laboratories able to meet routine diagnostic and surveillance needs including analysis of clinical and environmental specimens?



How does the LPHS use laboratory services to support time-sensitive investigations of public health threats, hazards, and emergencies?



What mechanisms are in place to ensure the laboratories used are all licensed and/or credentialed?

Discussion Questions for Model Standard 2.3

Quality and Comprehensiveness



What current guidelines or protocols are in place for the handling of laboratory samples?



Are the current procedures able to stand up in a court of law, (e.g., chain of custody, coordination with law enforcement officials, Health Insurance Portability and Accountability Act (HIPAA)?) if the health event is part of a criminal act?

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Performance Measures for Model Standard 2.3

At what level does the LPHS...

2.3.1 Have ready access to laboratories that can meet routine public health needs for finding out what health problems are occurring?

A	Optimal Greater than 75% of the activity described within the question is met.
B	Significant Greater than 50% but no more than 75% of the activity described within the question is met.
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Performance Measures for Model Standard 2.3

At what level does the LPHS...

2.3.2 Maintain constant (24/7) access to laboratories that can meet public health needs during emergencies, threats, and other hazards?

A	Optimal Greater than 75% of the activity described within the question is met.
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Performance Measures for Model Standard 2.3

At what level does the LPHS...

2.3.3 Use only licensed or credentialed laboratories?

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Performance Measures for Model Standard 2.3

At what level does the LPHS...

2.3.4 Maintain a written list of rules related to laboratories, for handling samples (including collecting, labeling, storing, transporting, and delivering), determining who is in charge of the samples at what point, and reporting the results?

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Discussion Notes for Model Standard 2.3

Strengths

Weaknesses

**Short-Term
Improvement
Opportunities**

**Long-Term
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Essential Service 2: Diagnose and Investigate Health Problems and Health Hazards

Session Summary

