Analytic Methodology Work Group Meeting, National Health Security Preparedness Index

July 8, 2015

NHSPNI Program Management Office
University of Kentucky
Agenda

- Delphi Expert Panel Approach and Composition
Weighting

• Expert panel, online Delphi approach
  – Three iterations
    • measures, subdomains, and then domains
  – Weighted with respect to “all hazards,” but will emphasize that health security is about preparedness, protection, and resilience—and involves many sectors of society.
Weighting: Item Measures with a VAS

Using a Visual Analog Scale (VAS), how well each measure corresponds to the Health Surveillance & Epidemiological Investigation subdomain—ranging from “no correspondence at all” to “perfect correspondence.”

<table>
<thead>
<tr>
<th>Measure</th>
<th>Description</th>
<th>Correspondence</th>
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</thead>
<tbody>
<tr>
<td>M17</td>
<td>State participates in the Behavioral Risk Factor Surveillance System (BRFSS)</td>
<td>4.5</td>
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<tr>
<td>M18</td>
<td>Number of epidemiologists (per 100,000 population)</td>
<td>1.4</td>
</tr>
<tr>
<td>M19</td>
<td>State participates in the Epidemic Information Exchange (EpiX) System</td>
<td>9.5</td>
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</tbody>
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For more information about this measure, click [here](#).
Which Measures will be Included?

- 178 measures currently used in the Index
- 50 to 60 additional measures
  - RWJF Culture of Health Metrics (Inter-sectoral, Community Engagement)
  - Joint Commission on Accreditation of Health Care Organizations Compliance with Emergency Management Accreditation Standards
  - Measures of Social, Economic, Environmental, and Infrastructure Preparedness and Resiliency from the National Institute of Standards and Technology
  - Worksite and Occupational Health Measures of Preparedness and Resiliency
  - Fatality Management
Setting the Context

• Introduce the broad nature of national health security
  – e.g., the Introduction of the National Health Security Strategy and Implementation Plan (resilience, community-based organizations, “healthy communities,” etc.)

• Briefly explain “All-Hazards Preparedness”
  – Overview of the 15 National Planning Scenarios

• Describe the subdomain
  – The creation, maintenance, support, and strengthening of passive and active surveillance to: identify, discover, locate, and monitor threats, disease agents, incidents, and outbreaks; provide relevant information to stakeholders; and monitor/investigate adverse events related to medical countermeasures. The sub-domain includes the ability to successfully expand these systems and processes in response to incidents of health significance.
Identifying the Participants

• Need a mix of practitioners and researchers
• Planning on using workgroup members
• Send your recommendations to the PMO
Upcoming Meetings

- July 21, Model Design (virtual) 1-2 ET
For More Information

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