# Analytic Methodology Work Group Meeting, National Health Security Preparedness Index
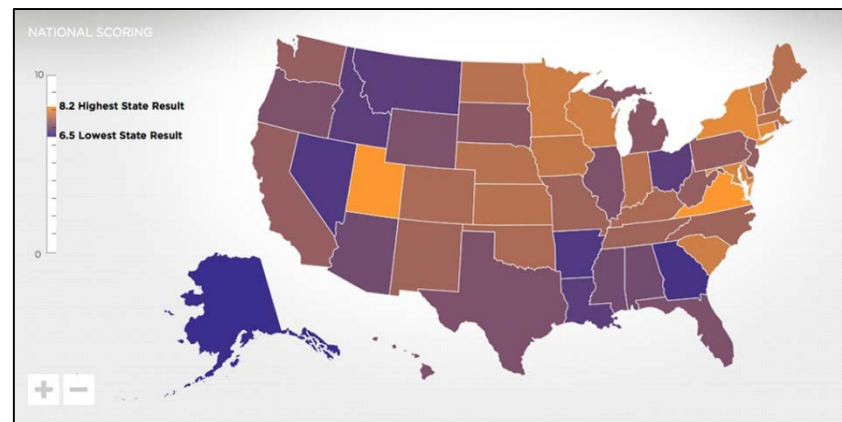


**August 12, 2015**

**NHSPI Program Management Office**

University of Kentucky

# Agenda

- **Delphi Instruments Up and Running**
- **How do we use Delphi Results?**
- **How Do we treat Pre-Event Community Status?**



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# Delphi Instruments

- Dominique and Mike have designed three sets of instruments.

- Mike's email of 8/7 provided links
  - Three waves: item, subdomain, domain.
  - Seven domains: adding pre-event community status

- If you haven't looked please do and provide feedback.

# Using Delphi Results

- Generation of Weights
  - Using mean, trimmed median or mode for summarizing item results?
  - Normalization within Domains (common set of reviewers) or across Domains?
  - Current plan:
    - Median or Mode for summarization, discrete data, reduces influence of outliers.
    - Normalization within Domain

# Using Delphi Results

- Model Design Issues
  - How does the Delphi fit with our Drop, Keep decisions based on previous analysis?

| Delphi\Alpha | Keep | Drop |
|---|---|---|
| Keep | Agree/Obvious | ???? |
| Drop | ???? | Agree/Obvious |

  - Will revisit this as issues arise.

# Pre-event Community Status

- A number of variables have been identified as measuring community status
  - Please see the Delphi instrument to review
- Currently treating as a "new" seventh domain.
  - Is this right?  Add variables to other domains?
  - Alpha analysis
  - Other approaches?

# Upcoming Meetings

- Sept. 9, Analytic Methodology (virtual) 2-3 ET

- Sept. 15, Model Design (virtual) 1-2 ET

- Sept. 22, Stakeholder Engagement (virtual) 1:30-2:30 ET

- Sept. 24, NAC (virtual) 1-3 ET

PREPARE✓

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# For More Information



**National Program Office**

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