

Attachment 1

FEDERALLY FUNDED RESEARCH AND DEVELOPMENT (FFRDC) TECHNICAL EXECUTION PLAN (TEP) U.S. Department of Homeland Security

Pandemic Disease Triggers for Nonpharmaceutical Intervention Decision Making

Countering Weapons of Mass Destruction Office
Office of the Chief Medical Officer
and

Homeland Security Systems Engineering and Development Institute (HSSEDI)

Version: 2.0

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1. Outcome

The outcome of a successful effort will be the mitigation of the Pandemic Influenza as well as other Pandemic Disease outbreaks within the United States. State and local leaders need to have access to data and pandemic experts to inform their decisions regarding non-pharmaceutical intervention escalation as well as retrograde throughout the critical period of outbreak. Reduction in the extent of the previously mentioned disease outbreak and preservation of the U.S. healthcare system will save lives.

2. Task Objectives

The objectives of the task are:

1. Define Pandemic Disease “triggers” (e.g., cases, ICU admissions, deaths) most critical to decision makers.
2. Align non-pharmaceutical interventions (NPI) that influence disease progression
3. Provide supporting disease models that track the disease and can inform decisions and actions to “bend the curve.”
4. Convey information in #'s 1, 2, and 3 above to key officials at state, local and national levels who are responsible for making community-protecting decisions for the enhancement of NPIs and their retrograde.

