RESOLVE
TO SAVE LIVES
AN INITIATIVE OF VITAL STRATEGIES

Prevent Epidemics
A project of Resolve to Save Lives
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7-1-7 Pilot Project

Quickly detecting and effectively responding to infectious disease outbreaks is critical to preventing epidemics and saving lives, and evaluating a country's responses to recent infectious disease outbreaks is a practical way to assess future outbreak response capacity.

Yet, there is no widely implemented framework that quantifies a country's past performance at detecting and responding to disease events. A timeliness framework that routinely measures the time it takes for a country to implement critical outbreak detection, investigation and response activities, coupled with clear targets, allows governments to build accountability while identifying challenges that can drive improvements.

The 7-1-7 framework provides a clear way for National Public Health Institutes and Ministries of Health (NPHI/MOH) to communicate to the public, political leadership and donors about where improvements have been made and where additional funding and support are needed.

The 7-1-7 framework proposes three timeliness metrics with corresponding targets:

- **7 days** to detect a suspected outbreak

- **1 day** to inform the appropriate national public health authorities to initiate an investigation

- **7 days** to initiate an effective response

In this project, Resolve to Save Lives will support NPHI/MOHs to pilot the use of the 7-1-7 framework in three countries. In each country, NPHI/MOHs and Resolve will jointly conduct the following activities over a 12-month project period:

1 Enhance or develop job aids that help an Emergency Operations Center to verify disease signals, assess risk and coordinate response activities while simultaneously capturing process data that encompass the 7-1-7 metrics

2 Institutionalize the use of 7-1-7 timeliness metrics for ongoing performance improvement for outbreak response

3 Enhance existing situational and/or weekly epidemiology reports by assessing and contextualizing risk factors for earlier detection of health events

As a pilot project, work at the country level will test the concept of and inform improvements to the 7-1-7 framework as ambitious, yet achievable, global targets.

Lessons learned from country implementation will be documented and disseminated. The project will also develop guidance documents to support other countries implementing 7-1-7 as performance metrics, including clear definitions of activities that must be completed to meet each 7-1-7 milestone, job aids that capture outbreak detection and response data, procedures that utilize these data to guide performance improvement activities and inform a country's NAPHS, and advocacy tools for communication and resource mobilization.

Countries participating in this project will receive support from a seconded staff person, who will coordinate developing job aids, streamlining data collection processes, developing standard operating procedures and instituting performance improvement activities. Participating countries will emerge with several outputs that will benefit their pandemic preparedness and response capabilities:

- Job aids that capture data on key timeliness metrics for all high risk disease events

- An enhanced understanding of current detection and response capacities, with better access to data that can be used for performance improvement and resource mobilization

- Upgraded situational awareness reports that improve health event detection capabilities and multisectoral collaboration