Linking NPHI Development with Global Health Security in Africa

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Global Health Security: Why We Do It

In today’s tightly connected world, a disease can be transported from a remote village to major cities on all continents in as little as 36 hours.
Why Care About Global Health Security?

- **DISEASES SPREAD**
  - Faster and farther

- **NOT PREPARED**
  - At least 70% of countries not prepared

- **ECONOMIC IMPACT**
  - SARS: $40B Globally
  - Ebola: >$30B Globally
CDC Applies Public Health Expertise to Global Health Security

Surveillance Systems
to quickly catch outbreaks before they spread

Laboratory Networks
to accurately diagnose diseases and identify new pathogens

Workforce Development
of frontline staff to identify, track, and contain outbreaks at their source

Emergency Management Systems
to coordinate effective response efforts when crises occur
Stronger NPHIs support Global Health Security

- Increased coordination and efficiency via an NPHI supports IHR and Global Health Security
- Improve and link core capacities
CDC’s Support for NPHI Development
NPHI Successes

Zambia
Emergency management critical to 2018 cholera outbreak

Mozambique
Laboratory confirmation of disease outbreaks, response to 2019 cyclones

Africa CDC
NPHI development, event-based surveillance, antimicrobial resistance, One Health

Liberia
Developing laboratory biosafety cabinet capacity

Mali
NPHI to be organizational home for IHR and GHS

Cameroon
Emergency operations center
The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.