



**DIVISION OF
GLOBAL HEALTH PROTECTION
CENTER FOR GLOBAL HEALTH**



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

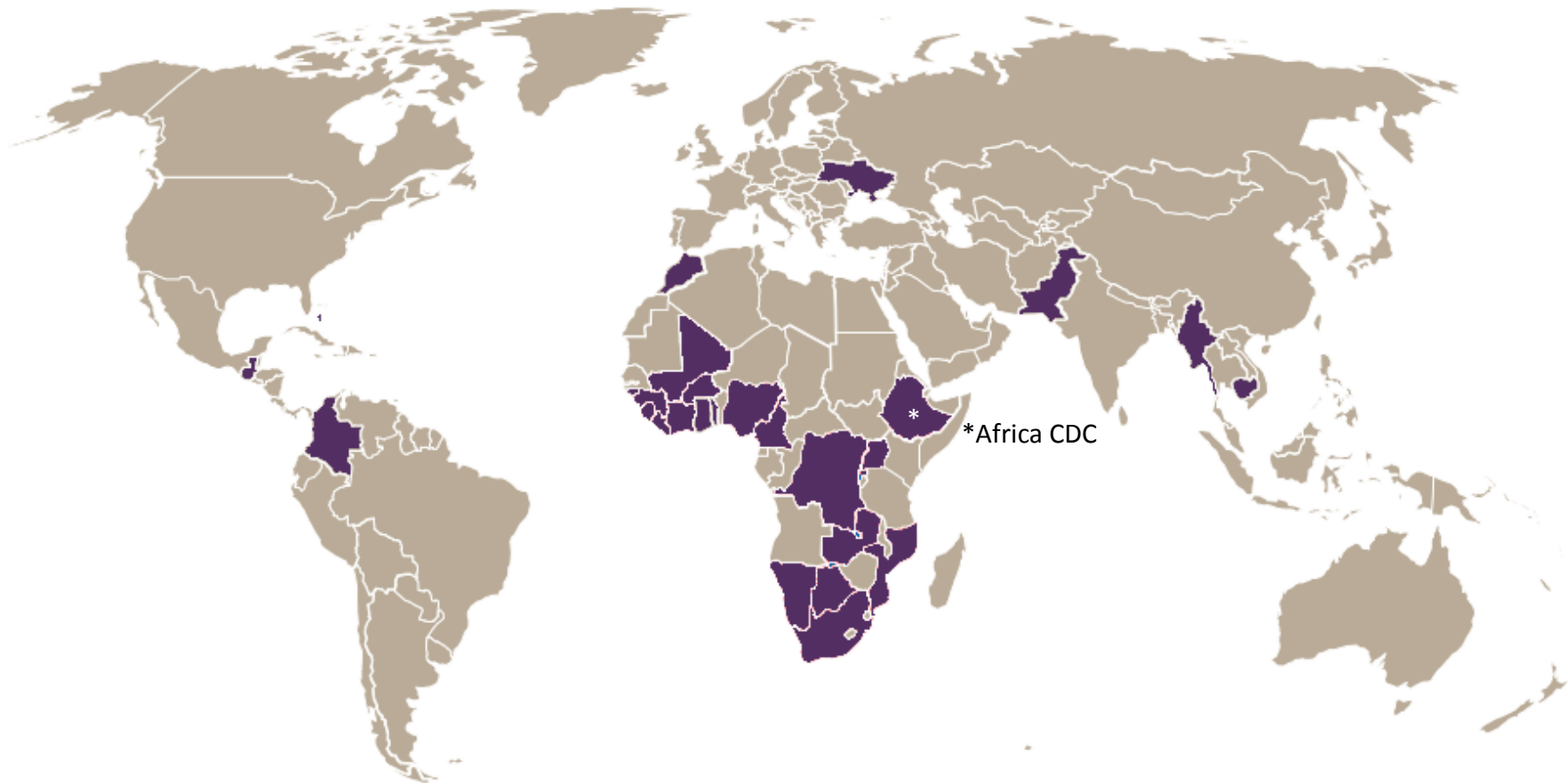


*Public Health System **without NPHI***



*Public Health System **with NPHI***

CDC's Support for NPHI Development



*Africa CDC

NPHI Successes



Zambia

Emergency management critical to 2018 cholera outbreak



Liberia

Developing laboratory biosafety cabinet capacity



Africa CDC

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



Ministère de la Santé et des Affaires Sociales

Mali

NPHI to be organizational home for IHR and GHS



Mozambique

Laboratory confirmation of disease outbreaks, response to 2019 cyclones



République du Cameroun
Ministère de la Santé Publique

Cameroon

Emergency operations center

For more information, contact CDC
1-800-CDC-INFO (232-4636)
TTY: 1-888-232-6348 www.cdc.gov

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.

