

CDC's Role in the GTFCC Global Roadmap to 2030

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CDC in-country support: Haiti

- ❖ Broad support (technical and financial) for cholera response and preparedness activities since start of outbreak in 2010:
 - ❖ Clinical and laboratory training, WASH, health education, monitoring and evaluation of OCV campaigns, and epidemiology / surveillance
 - ❖ Current activities focused on epi/surveillance, laboratory, and WASH
- ❖ Technical assistance in developing and implementing national cholera plans:
 - ❖ Initial/Short term: 2012-2016
 - ❖ Medium Term: 2016-2018
 - ❖ Long term: 2018-22
 - ❖ Presented to partners March, 2019
 - ❖ CDC providing ongoing technical and financial support

Development of National Cholera Plans

- ❖ Kenya
 - ❖ 3 months in-country support for NCP development and hotspot identification
- ❖ Tanzania
 - ❖ 2 months in-country support for elimination plan meetings, hotspot identification and WASH assessments
- ❖ Uganda
 - ❖ Meeting with MOH, WHO to discuss TA for cholera planning, outbreak response, laboratory capacity and water quality testing

Outbreak Response

- ❖ Mozambique, April – June 2019
 - ❖ Support Mozambique Public Health Institute on surveillance and outbreak investigation/response
 - ❖ Water quality monitoring in Beira and Pemba
 - ❖ Post-distribution monitoring of Certeza (household water treatment product)
- ❖ Zimbabwe, October 2018
 - ❖ Support for WASH rapid response teams

OCV (1)

- ❖ Engagement with GTFCC and OCV working group (chair)
 - ❖ OCV research prioritization, OCV stockpile requests review (endemic use)
- ❖ Representation on the Gavi OCV sub-team
 - ❖ Technical advice and support for Gavi's expanded OCV program from 2019 – 2023
- ❖ Technical guidelines
 - ❖ OCV-WaSH integration (collaboration with the WaSH WG)

OCV (2)

❖ Monitoring and evaluation of OCV campaigns

- ❖ OCV campaign among Rohingya refugees in Bangladesh (May 2018): technical assistance for coverage survey design and survey monitoring
- ❖ OCV campaign in Zimbabwe (October 2018): led coverage survey (analysis and final report completed)
- ❖ DRC (Nov. 2018, April 2019): coverage survey planned (June 2019)

❖ Research Activities

- ❖ Oral polio vaccine (OPV) – OCV coadministration study completed in collaboration with the International Center for Diarrheal Disease Research, Bangladesh (icddr,b) – final analysis ongoing

WASH

- ❖ Cholera Prevention and Response
 - ❖ Bucket chlorination in Rohingya camps, Bangladesh
 - ❖ In-line chlorination evaluation in Zimbabwe
 - ❖ Water quality monitoring following cyclones Idai and Kenneth
- ❖ Engagement with GTFCC and WASH WG
 - ❖ Investment case, WASH research prioritization, WASH capacity building
- ❖ Financial support to GTFCC WASH WG
 - ❖ Information management for West and East Africa platforms
 - ❖ Development of WASH costing plans in 4 countries
 - ❖ Community engagement project in West Africa
 - ❖ Evaluation of Rapid Response Teams

Training

- ❖ Field Epidemiology Training for WASH responders
 - ❖ CDC, Global WASH Cluster and UNICEF
- ❖ WASH RRT training in Yemen (EMPHNET)

CDC Laboratory Updates

❖ Environmental Laboratory

- Working to define roles and responsibilities related to water testing during cholera outbreaks
- Developing water quality surveillance strategies in cholera hotspot areas
- Increasing environmental microbiology testing capacity

❖ Public Health Laboratory

- Working to refine cholera-specific training materials
- Working to improve access and availability of *Vibrio cholerae* clinical testing supplies, reagents and materials
- Development of technical job-aids and guidance documents

