

U. S. CDC Burkina Faso

Accessible link: <https://www.cdc.gov/global-health/countries/burkina-faso.html>

CDC began collaborating with the Ministry of Health (MOH) of Burkina Faso in 1991. The initial technical support for polio eradication expanded to include other vaccine preventable diseases, such as measles and meningitis. CDC established an office in Burkina Faso in 2016. CDC Burkina Faso works closely with the MOH and partner organizations to build and strengthen the country's core public health capacities. These include data and surveillance; laboratory capacity; workforce and institutions; prevention and response; innovation and research; and policy, communications and diplomacy.

KEY ACCOMPLISHMENTS



Data & Surveillance

- Supports antimicrobial (AMR) detection and surveillance capacities at the national AMR reference laboratory and in 22 sentinel sites throughout the country



Laboratory

- Provided reagents for the detection of dengue, zika and chikungunya since 2018



Workforce & Institutions

- Supported training for over 360 professionals who graduated from the Field Epidemiology Training Program (FETP)



Prevention & Response

- Supported the establishment of the Public Health Emergency Operations Center



Innovation & Research

- Provide research, technical assistance, and leadership to inform future pneumococcal conjugate vaccine policy to help achieve higher vaccine coverage



Policy, Communications & Diplomacy

- Collaborated with MOH's Direction Générale de la Santé Publique and L'Institut National de Santé Publique (INSP) to establish a national public health bulletin, which serves as the primary communication channel for disseminating timely and reliable information to improve the public's health



PROGRAM OVERVIEW

GLOBAL HEALTH SECURITY

CDC's global health security work focuses on strengthening the country's public health systems across the following core areas:

Surveillance Systems

CDC facilitates the implementation of surveillance of priority diseases in more than 14 sentinel sites across the country. CDC also supports data management, trainings, monitoring, laboratory capacity strengthening, and specimen transport.

Laboratory Systems Strengthening

The continued presence of high priority diseases highlights the urgent need to strengthen laboratory surveillance to detect them accurately and rapidly. CDC's collaboration in building laboratory capacity in Burkina Faso ensures rapid detection of and response to disease.

Workforce development

CDC supports workforce development through the Global Laboratory Leadership Program (GLLP), the Field Epidemiology Training Program (FETP), and the Public Health Emergency Management (PHEM) Fellowship.

GLLP works to foster and mentor current and emerging leaders to build, strengthen, and sustain national laboratory systems. The program emphasizes a One Health approach. Leaders are trained to determine appropriate laboratory diagnostics and build strong collaborative networks with relevant sectors at every level of the health system. GLLP's first cohort was composed of 18 participants and nine mentors from the human, animal, food, and environmental laboratory sectors.

CDC established FETP in 2010 with the collaboration from the African Field Epidemiology Network. The program consists of three levels of training: frontline, intermediate, and advanced tiers. FETP has generated support in surveillance data analyses, surveillance system evaluations, and studies of public health issues. FETP graduates have supported outbreak investigations and responses for measles, meningitis, polio, yellow fever, rabies, dengue, cholera, hepatitis E, and COVID-19.

The PHEM Fellowship is a three-month training program that aims to strengthen public health emergency management capacity.

Emergency Response

CDC helps develop emergency management systems to train MOH staff and leadership for improved responses to disease outbreaks and other public health emergencies. In 2018, CDC supported the establishment of the Public Health Emergency Operations Center, known as the Centre des Opérations de Réponse aux Urgences Sanitaires.

National Public Health Institute (NPHI)

In 2018, Burkina Faso established an NPHI, L'Institut National de Santé Publique (INSP). With CDC's technical and financial support, the INSP has engaged in strategic planning, reinforced public health surveillance, and promoted the use of evidence to inform decisions. CDC support helped build staff capacity, enhance logistics, and strengthen public health communications.

IMMUNIZATION

CDC partnered with the Bill & Melinda Gates Foundation in Burkina Faso to measure the impact of a schedule change for the pneumococcal conjugate vaccine. High vaccine coverage can improve quality of life and save the lives of thousands of vulnerable children. CDC supported COVID-19 immunization through different activities. Projects included training, vaccine delivery to priority populations, data quality improvement, management and utilization, and strategic planning.

ONE HEALTH

Since 2017, Burkina Faso tracks five priority zoonotic diseases. This includes dengue, rabies, anthrax, brucellosis, and highly pathogenic avian influenza. CDC supported the implementation of a sentinel surveillance system for dengue and arboviruses. Since 2018, CDC continually provides reagents for the detection of Dengue, Zika and Chikungunya. CDC also provides technical and financial support for the operationalization of the One health-platform.

