



USAID
FROM THE AMERICAN PEOPLE



Mali

Country Health Information Systems and Data Use (CHISU) Program

June 2023

Since the COVID-19 pandemic began, Mali has experienced more than 30,000 cases and more than 700 deaths.¹ The country has faced challenges with data quality and use, which has limited decision makers' ability to reliably use data in the District Health Information System 2 (DHIS2) platform for the COVID-19 response.

In addition, malaria is the leading cause of morbidity (34 percent) and mortality (27 percent) in Mali according to the Statistical Yearbook of the Local Health Information System 2021. Malaria is thus one of the priorities of the country's national health policy.



Barriers to good data quality and use in Mali include:

- Governance and partner coordination
- Human resources issues, including capacity and workload
- Limited access to computers and equipment maintenance
- Limited internet access and power sources, especially in rural areas
- Insecurity in some regions of the country

CHISU supports the Government of Mali to address these challenges and improve its COVID-19 response and malaria elimination efforts through improved data quality and use.

How is CHISU supporting digital transformation in Mali?

CHISU will soon be providing support to the Bamako, Koulikoro, Segou, Mopti, Timbuktu, and

¹ [WHO Mali COVID-19 Dashboard](#)

Country Health Information Systems and Data Use (CHISU) is USAID's flagship data and information system program to strengthen host country capacity and leadership to manage and use health information systems to improve evidence-based decision-making. www.chisuprogram.org



Gao regions to improve coordination of malaria data systems; strengthen the implementation of guidelines and digital tools; and improve the availability and quality (accuracy, timeliness, completeness, and internal consistency) of malaria data through strengthening the review and analysis of malaria data at both central and regional levels. CHISU will also provide support in conducting malaria Routine Data Quality Assessment (mRDQA) and developing and disseminating data analysis products, including automated malaria bulletins and reports.

Recently, CHISU worked at the central and subnational levels in Mali to bolster availability, quality, and use of COVID-19 data in order to improve the country's response to the pandemic at all levels of the health system.

To do this, CHISU collaborated with the *Institut National de Santé Publique* (Mali's National Institute of Public Health), the Director General for Public Health and Hygiene (DGSHP), and the *Cellule de Planification et de Statistique* (Office of Planning and Statistics, or CPS) to better link the national COVID-19 crisis committee to established HIS governance structures in Mali, strengthen systems for collecting data related to COVID-19, and improve data quality processes and analytics as well as data use to respond to the pandemic.

Specifically, CHISU recently worked with Mali to:

- Strengthen COVID-19 coordination bodies to coordinate activities, resolve implementation issues, and make joint decisions on technical matters related to the HIS
- Expand the use of health management information systems for COVID-19 surveillance and data use, including supporting system enhancements such as customization, interoperability, and maintenance
- Align COVID-19 data collection tools
- Conduct an HIS interoperability maturity assessment and develop standards-based system interoperability guidelines
- Enhance community-based surveillance for COVID-19
- Conduct an information communication technology (ICT) assessment and procurement
- Support development of a data quality assurance plan, COVID-19 data quality reviews, and supportive supervisions
- Improve the COVID-19 SitRep (situation report) as well as COVID-19 dashboards



Dr. Mounkaila Abdou Billo, Senior Global Health Security Advisor at USAID/Mali; Dr. Cheick Amadou T. Traoré, le Directeur Général de la Santé et de l'Hygiène Publique; M. Souleymane Traoré, le Secrétaire Général du Ministère de la Santé et du Développement Social; et Dr. Madina Kouyaté, Resident Advisor for CHISU Mali at the ceremony to hand over IT equipment to the Ministry of Health in Mali.



CHISU Mali and Ministry of Health representatives leading the award ceremony for the data quality competition. From left to right: Aminata TRAORE: Directrice MIHR; Mamoutou DIABATE: Sous-Directeur du Centre de Documentation, Planification, Formation, Information Sanitaire (CDPFIS) de la DGSHP; Issa TRAORE: Directeur Général Adjoint de la CPSSDSPF (Cellule de Planification des Statistiques du Secteur Santé Développement Social, Promotion de la Famille); Hamadoun DICKO: Conseiller Technique en Santé Publique au Cabinet du Ministère de la Santé et du Développement Social; Madina KOUYATE: Conseillère Résidente de CHISU au Mali



This publication was produced with the support of the United States Agency for International Development (USAID) under the terms of #7200AA20CA00009. Views expressed are not necessarily those of USAID or the United States government.

