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Côte d'Ivoire

Country Health Information Systems and Data Use (CHISU) Program

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Côte d'Ivoire's health information system (HIS) was set up in the early 1990s, and is implemented by the Directorate of Informatics and Health Information (DIIS). DIIS ensures the implementation of all subsystems and the *Carte Sanitaire*, a master facility list with data on service availability and infrastructure. The country's routine HIS (RHIS) and epidemiological surveillance are the two most used systems. In addition, Côte d'Ivoire launched its National One Health platform in February 2021 as part of its efforts to monitor priority human and zoonotic diseases.



The country's HIS has documented standards and procedures, including procedures for managing computer application development and maintenance, data validation, and indicator review. To collect health data, Côte d'Ivoire uses both paper tools (registers and activity reports) and electronic tools (including data management applications, such as SIGDEP 2, DHIS2, e-SIGL, and more). The DHIS2 (District Health Information Software, Version 2) platform is used for data entry of reports from the primary health care facilities and reference hospitals at the health district level by epidemiological surveillance officers.

Since the creation of Côte d'Ivoire's HIS, the country's data completeness and timeliness has improved considerably with the support of MEASURE Evaluation and HIS partners, including The Global Fund to Fight AIDS, Tuberculosis and Malaria. The country's major challenge remains data accuracy and the appropriate use of the data as evidence to support management decisions. Data use is constrained by insufficient capacity to translate data into information (e.g., dashboards) and a lack of confidence in the data due to the above mentioned data quality issues. Strengthening data quality is a strong driver in stimulating data use for evidence-based decision making.

To address this challenge, CHISU is supporting the Government of Côte d'Ivoire to improve data quality, management, and use in the country.

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



How is CHISU supporting digital transformation in Côte d'Ivoire?

CHISU supports Côte d'Ivoire's Directorate of Coordination of the Expanded Immunization Program (DCPEV) to:

- Improve performance of existing program-specific and parallel data systems
- Enable interoperability between these systems and the health management information system (HMIS)
- Use data to effectively understand the performance of the immunization program, manage strategic allocation of resources, and improve data quality and management
- Train and mentor DCPEV managers and data analysts at central and decentralized levels

Supporting COVID-19 data management and use

CHISU is supporting the coordination of HIS stakeholders by supporting an existing technical working group, assisting with efforts to integrate the existing COVID-19 vaccination information systems into routine HIS, mapping all COVID-19 and HIS digital applications, and developing key governance documents (such as a National Enterprise Architecture). CHISU is also focusing on integrating the DCPEV information systems and improving overall COVID-19 data analysis and use—which will allow for timely and effective decision making for vaccine delivery.

Strengthening malaria data quality and use

CHISU will build on previous achievements around strengthening malaria surveillance, monitoring, and evaluation (SME) and address the remaining challenges. The activities will focus on: 1) strengthening HIS governance at the central and decentralized levels; 2) continuing interventions to improve the quality of data produced by assisting the decentralized level to systematically use the data quality control tools available in DHIS2; 3) the use of information at the decentralized level; 4) improving the development and use of tools to monitor progress of the health information system; 5) strengthening actors' capacity for analysis and use of the information.

Supporting construction of a One Health digital platform for the Global Health Security Agenda (GHSA)

CHISU will also support Côte d'Ivoire to establish their One Health multisectoral digital platform to better prepare, prevent, and plan their response to potential epidemics. During the year, CHISU will support: 1) the coordination of the One Health platform; 2) the creation and use of a digital platform, focusing on improving the availability of quality data that will inform decision making and help the country's ministry of health build interoperability between all health system softwares. In addition, CHISU will support the improvement of the existing website (PLUSS).



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