



# Global Evaluation and Monitoring Network for Health (GEMNet-Health) Newsletter

We are excited to share with you our 2021 Newsletter which highlights the activities we have undertaken in the past year despite the COVID-19 pandemic; a display of our commitment to a healthy world population through evidence-based decisions, policies and programs.

## UNDERSTANDING CONTRACEPTIVE SUPPLY AND DEMAND IN NIGERIA, UGANDA & KENYA: TIMELY INSIGHTS

The CM4FP is a project funded by the Bill and Melinda Gates Foundation to Population Services International and is implemented in these 3 countries to better understand the impact of demand and supply dynamics on the uptake of sexual and reproductive health services. The CM4FP project has over time, collected scores of data through census, longitudinal and cross-sectional surveys, all of which have been made publicly available. To enhance dissemination and support the generation of further evidence from the CM4FP data, PSI partnered GEMNet-Health, who has provided 4 early career researchers to analyze the data and submit their findings to the International Conference on Family Planning (ICFP).

The researchers have been through a series of workshops to enhance their technical capacity and are also receiving mentorship from PSI and GEMNet-Health as they analyze various aspects of this data and report their findings by March 2022.

## ASSESSING COMMUNITY BASED INFORMATION SYSTEM GUIDANCE IN PMI PARTNER COUNTRIES

Several investments have been made by the USAID and other partners towards improving CBIS, including developing CBIS guidance. GEMNet-Health as partner of the CHISU consortium is leading this activity to identify settings where CBIS guidelines have been applied, successes chalked and gaps in implementing CBIS guidance with particular interest in malaria in PMI countries. GEMNet-Health has a wealth of expertise in health information systems and health informatics which are valuable to the success of this activity.



## GHSA SURVEILLANCE DATA ANALYSIS AND USE

The Global Health Security Agenda (GHSA) is made up of 70 countries, organizations and private sector companies working together towards a world safe from global health threats posed by infectious diseases. To contribute to this vision, CHISU through GEMNet-Health which has vast experience in HIS, data dissemination and use and health informatics, is documenting data sources, systems and processes used in 5 countries to respond to public health threats. At the end of this activity, GEMNet-Health will organize a technical meeting of key HSS stakeholders to share its findings and further elevate discussions towards integration and use of surveillance and routine health data.

**ARTIFICIAL INTELLIGENCE AND  
MACHINE LEARNING**

CHISU has been tasked with the design of an Ai powered virtual learning hub for CHISU countries which will be open to donor organizations, governments, implementing partners, health care workers and the citizens. The purpose of which is to house resources that can aid in the development of competencies and increased capacity in using data to develop strategies, design and implement project activities using AI/ML.

The knowledge hub is expected to improve its own content and functionality using AI algorithms generated by user requests. The role of GEMNet-Health in this activity is to provide 2 researchers to test the platform and provide feedback on its efficiency after the knowledge hub has been established.

