



mHealth: Uganda

World Vision®

Project Name: AIM-mHealth Project

Geographic Location: North Rukiga, Lunyo and Busitema; Busia and Kabale Districts

Project Timing: October 2013-September 2016

Health Programming Models: Timed & Targeted Counseling

Target Population: 111,440

CHWs Utilizing mHealth Solution: 896

Community Members Reached via mHealth: 48,125



Project Overview

The project goal of the AIM-mHealth Project is to empower and strengthen community health systems for positive maternal, newborn, and child health (MNCH) outcomes. The outcomes include: i) Improved knowledge and skills of community health workers (CHWs) to use mobile technologies to deliver behavior change communication messages; ii) Strengthened health information management systems through implementation of the MOTECH Suite solution at the facility level; iii) Functional DHIS systems that provides real-time data to inform decision making.

The project has focused on a Radio Distance Learning approach for continuous learning of Village Health Teams (VHTs) and disseminated desired messages to caregivers of children of 0-24 months, which was developed and implemented as an integrated mHealth approach to strengthen health systems. In the course of implementation, a number of issues were identified that were critical to the complete implementation of the community health data management system. These included lack of capacity of the health workers at the facility to easily and in a timely manner monitor and supervise VHTs, so the project further integrated the MOTECH Suite, which enhances the process of real-time health data collection and input into the National Health Management Information System, thus enabling quick monitoring of health care issues and swift action when required. To enable the facility to access data captured using the mobile phones, the project has equipped the facilities with solar power for the equipment and lighting for the facilities during the night.

District Health
Teams



Private
Donors



Results to date include: reduced prevalence of underweight children from 17 percent to 11 percent; increased exclusive breastfeeding of infants up to 6 months old from 70 percent to 92 percent; improved iron intake for children under age 5 from 51 percent to 86 percent; improved access to sanitation from 75 percent to 93 percent; improved skilled birth attendance from 28 percent to 73 percent; and improved birth registration from 19 percent to 38 percent.

mHealth Solution

Specifics of the mobile health solution utilized are delineated below:

- ▶ **Technology:** Motech Suite
- ▶ **Mobile Phone:** Nokia 206
- ▶ **Mobile Network Operator:** MTN, Airtel

Stakeholder Engagement

Key stakeholders at the international and national level collaborating on this mHealth initiative include:

- ▶ Ministry of Health, Uganda
- ▶ District Health Teams
- ▶ MTN
- ▶ Grameen Foundation

Funding

Phase I: World Vision U.S., Private Donors

Contacts

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