

# Real-Time Monitoring for Maternal Health

Monitoring drug inventory and maternal deaths in health centers



Mauritania is combating high maternal mortality with the implementation of a mobile-based real-time monitoring (RTM) system to capture data at the health facility level on drug inventory and maternal deaths.

The inter-agency initiative, a collaboration between WHO, UNFPA, and UNICEF, demonstrates the feasibility of a low-cost solution for regularly and easily capturing information on key indicators in the field. The system is an open-source RTM, using an off-the-shelf survey tool to capture data through surveys. Data is processed and aggregated to KPIs through an open-source ETL tool. Through the system, decision-makers will be able to monitor critical indicators like maternal mortality and link these to drug inventory. The zero-maternal death case is also being reported on this system daily.

## Features

- Customized, mobile-based solution
- Multiple surveys covered: maternal medical summary, drug inventory
- Assesses linkage between drug availability and maternal health
- Data captured at beneficiary level gets aggregated into KPIs for the decision-making dashboard
- Android-based application that can capture data offline and later be synced in the central database

## Benefits

- Real time maternal deaths captured for a more effective alarm system
- Monthly drug inventory will enhance the quality of health care
- Composed of off-the-shelf tools

## Facts

Stakeholders	UNDP/WHO Mauritania
Geographic Area	Mauritania
Time Period	2016-2017
Topics	Maternal health
Tools	ODK, Dashboard, Portal
Services	Needs assessment; in-country hand-holding; in-country CB workshops
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## Budget

USD	0.055 million
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