

# Innovative use of Supply Chain data to strengthen HIV Commodity management in Apac District, Uganda

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## Introduction

Strong Antiretroviral (ARV) commodities supply chain management ensures uninterrupted availability of commodities required to implement HIV prevention, care and treatment. The efforts to achieve desired supply chain system was affected by COVID 19 pandemic, policy changes, inadequate funding, poor order fulfilment rates, poor logistics management capacity by facilities and above all, inadequate data use for decision making.

To ensure a resilient and responsive system, supply chain data from all sources were innovatively used to inform timely and strategic decisions and actions like ordering (routine and emergency), redistribution, traceability, and targeted capacity building mentorship. Furthermore, ownership, leadership, governance and monitoring was improved through specific facility data review during the monthly meetings led by the District Health Officer.

## Methodology

Supported by USAID Regional Health Integration to Enhance Services-North, Lango (RHITES-North, Lango) project, Apac district local government:

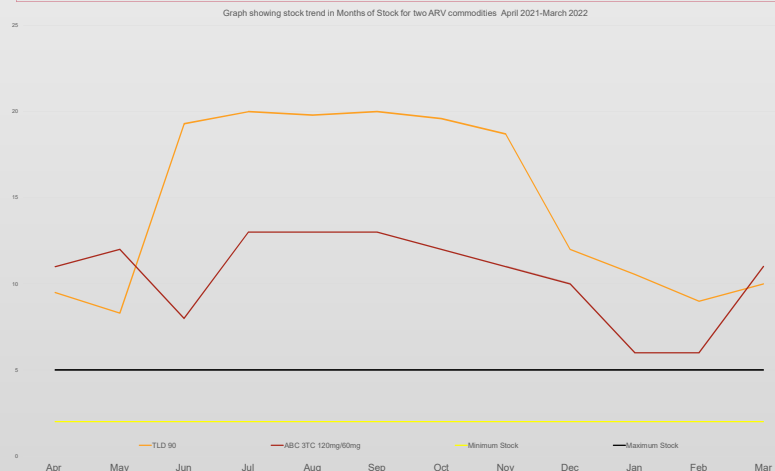
- Undertook data driven forecast and quantification considering current policy changes
- Ensured timely submissions of quality orders to the central warehouse according to delivery schedule.
- Improved stock visibility by carrying out monthly stock status evaluation to inform critical actions.
- Adhered to all Ministry of Health implementation guidelines.
- Ensured strong coordination of the key stakeholders (clients, facility, district, Ministry of Health, Central warehouse, IPs,)
- Held monthly review meetings to assess facility specific progress, challenges and draw actions points.



## Results

Months of Stock levels for key ARVs were raised and maintained above Maximum to support Multi Month Dispensing (MMD) from April 2021 to March 2022.

Stock trend in Months of Stock for TLD 90, and ABC/3TC 120/60mg April 2021- March 2022



## Lessons Learn and Conclusions

- Innovative data use improved the resilience of HIV commodity management in Apac district.
- Consistent and effective data use for decisions improves on stock availability and minimizes wastage