The ScanForm Snapshot

Innovating the HIV Testing Services Program in Malawi

Vol. 1: DECEMBER 2023

Introduction

Dear Malawi HTS ScanForm users,

Moni nonse! We are excited to bring you the first edition of our newsletter, The ScanForm Snapshot, which highlights the remarkable successes of the national rollout of a new HIV rapid diagnostic algorithm with three ScanForm-based registers to capture all HTS data, in collaboration with the Directorate of HIV, STI and Viral Hepatitis (DHA) at the Ministry of Health.

Firstly, zikomo kwambiri to every HTS provider, HTS coordinator, HTS supervisor, Data Clerk, M&E officer, and general site staff for their hard work and dedication in making the roll out a success. And thank you to all our implementing partners (IPs) and other stakeholders. Our strong partnership has led to Malawi being the first country in the world to scale up a 3-test algorithm to reduce the risk of false-positive HIV misdiagnoses. The national HTS program of Malawi continues to be a shining example of a robust M&E system and improving service delivery for other countries to learn from.

Since the national scale up began in November of 2022, the journey has been exhilarating. The purpose of this edition of the newsletter is to highlight achievements, updates, and what's coming next!
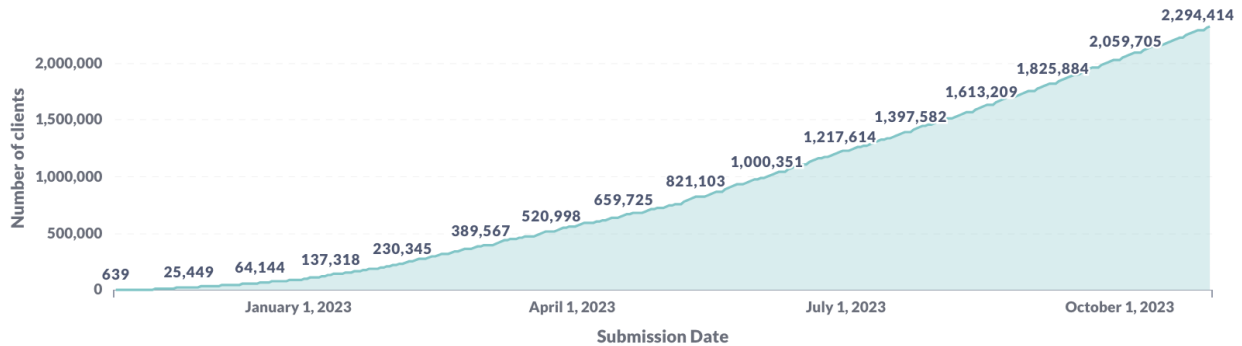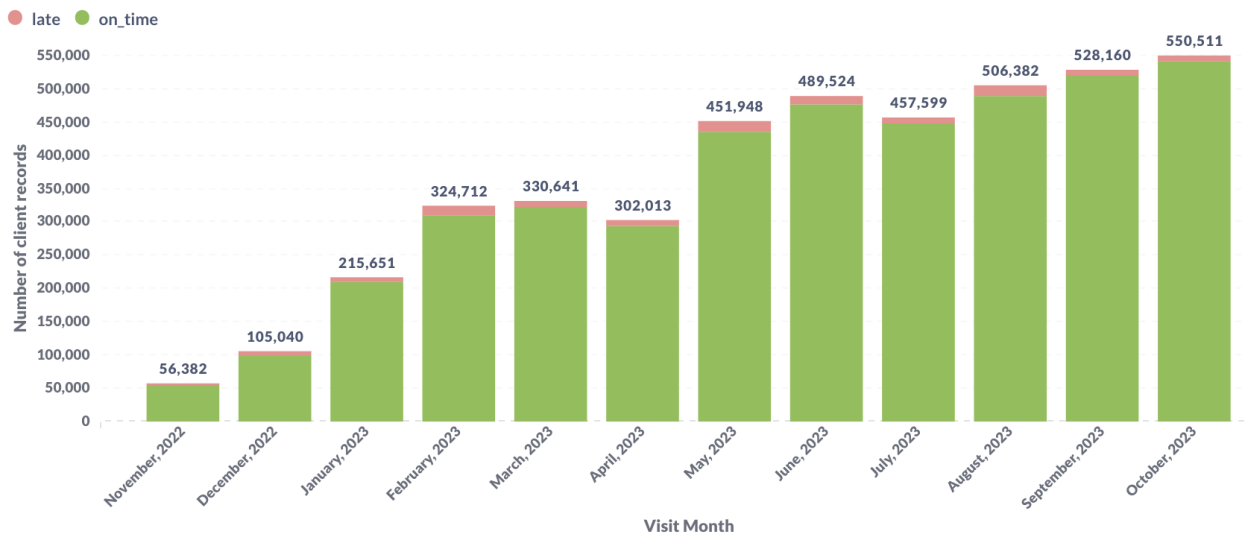
This Issue

Achievements

+2.2M total testing client records captured!

Cumulative number of clients over time

Over a one year period, the 3-test algorithm and ScanForm technology was deployed to 493 facilities in all 28 districts of Malawi, representing ~75% of testing access points, and 78% of all clients tested nationally!

Near real-time M&E, from everywhere!

Timeliness (submitted before the 5th of the next month) has ranged between 93.7% - 98.4%!

Successful integration with Hep B and Syphilis Testing!

Hepatitis B results:	Syphilis results:
282,992 tests performed	471,677 tests performed
4,670 positives identified	31,649 positives identified

At the forefront of implementing the latest WHO guidance

The 3-test algorithm was introduced in Malawi to minimize the risk of false positive misdiagnosis, which had increased considerably due to the declining positivity in the testing program.

Since the rollout began...

282 clients saved from misdiagnosis!
354 clients saved from re-testing!
42,638 new positives identified!
99.96% concordance with 3-test algorithm!

Site activation for Makanjira Health Centre in Mangochi

Streamlined Data Management

Automated Summary Reports

Accurate disaggregated monthly reports are generated by the 5th of the next month, in compliance with MOH and PEPFAR requirements. ScanForm summaries guarantee perfect calculation regardless of volume and are devoid of error-prone manual tallying.

Automated DQA Reports

DQA reports are generated daily at 2 AM to keep HDAs informed about the completeness and accuracy of their data. These reports highlight errors and offer guidance on corrective actions for data cleaning, creating a cycle of continuous quality improvement at site level.

Generated Daily!

↓

Make Corrections

↓

Take Pictures

↓

Weekly CQI!

dhis2 integration

ScanForm statistics, including standard and legacy reports, are being pushed directly into the national DHIS2 database! We are very grateful to the Digital Health Division (DHD) for their coordination and technical support to make this possible. This automated process eliminates the time-consuming monthly task of manual tallying and reporting, enabling the MOH and IPs to make timely evidence-based decisions in line with Malawi's National Health Information System Policy.

Testimonials

> We no longer have to spend several days at the beginning of every new month to compile reports for the previous month. Everything is done automatically and accurately.

> ScanForm has made it easier and quicker for us to recognize any protocol errors. As a supervisor, I'm able to know exactly who among the HDAs needs further mentorship in a particular area.

> You cannot lie to ScanForm. Once you have made an error, it will catch it and you have to correct it.

> We appreciate the active support the ScanForm team gives us via WhatsApp. Whenever we have queries, they assist us quickly.
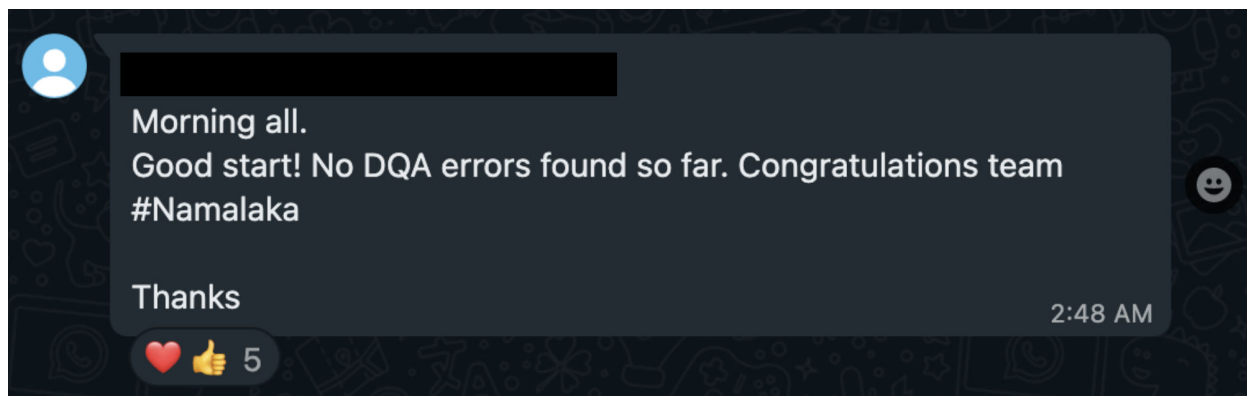
> At first, we were having so many errors flagging missing data in fields, 3 test algorithm violations, and other errors, but we have since improved, and we are able to receive quality data at the end of the month.

The whole month of February no errors ! I hope we are used to this new system, big up to us 👏🏻👏🏻   7:45 AM

Site Activation at Area 18 Health Centre

Data Cleaning Exercise at Mzuzu Health Centre

What's Next

We wish everyone a safe and peaceful holiday season, and our warmest wishes for a prosperous 2024! **Stay tuned for the next publication, which will feature how to fulfill your New Year's resolution to improve HTS data quality!**

Coming soon: more applications of ScanForm in Malawi, coverage of more facilities, and new features to make ScanForm even faster and easier to use!

Zikomo kwambiri to our partners: