



Image: NDR Fingerprint Verification

Ensuring Accuracy in the Fight Against HIV: Strengthening Client Identification with NDR Fingerprint Verification

Nigeria's National Data Repository (NDR) takes a vital step towards data integrity and accurate client identification with the rollout of its fingerprint verification activity.

The Challenge:

Protecting client privacy while ensuring accurate identification on the NDR platform. Traditional methods based on limited information can lead to duplicates and errors.

The Solution:

NDR Fingerprint Verification leverages advanced fingerprint biometrics for reliable client identification.

The Automated Biometric Identification System (ABIS) matches, validates, and deduplicates fingerprints, ensuring unique client enrollment.

The Benefits:

Minimized errors: Accurate attribution of health information to each client.

Improved data quality: Stronger foundation for evidence-based HIV programs.

Reduced fraud: Detection of potential manipulations and misrepresentations.

Better public health planning: Data-driven decisions for effective resource allocation.

How it Works:

Advanced fingerprint recognition algorithms analyze newly captured fingerprints.

Matching with existing records ensures accurate identification and prevents duplicates.

Identification discrepancies are flagged for investigation and correction.

This proactive approach:

Strengthens the integrity of client records on the NDR platform.

Enables more effective monitoring and evaluation of HIV programs.

Ultimately, contributes to better health outcomes for Nigerians living with HIV.

“

NDR Fingerprint Verification leverages advanced fingerprint biometrics for reliable client identification..

”

Inside this issue

- 1 Ensuring Accuracy in the Fight against HIV... **pg1**
- 2 Nigeria Strengthens HIV Monitoring... **pg2**
- 3 Bridging the Past and Present... **pg3**
- 4 Finding the Right Path: Paving the Way... **pg4**
- 5 Making Data Dig Faster: Streamlining HIV... **pg4**
- 6 Bridging the Gaps: Streamlining HIV... **pg5**

Editorial

The fight against HIV/AIDS in Nigeria demands constant vigilance, innovation, and collaboration. This newsletter brings you the latest strides in our collective effort, showcasing how data-driven strategies are empowering us to improve program effectiveness and ultimately, ensure better health outcomes for all Nigerians living with HIV.

Ensuring Accuracy: NDR Fingerprint Verification aims at strengthening client identification and the NDR and NHMIS integration will eliminate data discrepancies and streamlines reporting.

The Journey Continues:

- **Shining a Light on Data:** We explore the national annual HIV surveillance review meeting, showcasing the power of data-driven strategies and the impact of NDR surveillance dashboards.
- **Bringing Past and Present:** We revisit the reactivation of "NigeriaQual" and its integration with the NDR.
- **Making Data Dig Faster:** Streamlining data access comes to the fore with automated line list requests on the NDR.
- **Finding the Right Path:** The ART Impact Survey takes center stage, paving the way for a comprehensive assessment of HIV services in Akwa Ibom state.

Together, these advancements reflect our unwavering commitment to harnessing the power of data and collaboration.

- Nnamdi Umeh



Nigeria Strengthens HIV Monitoring with Powerful Data Tools

Nigeria's fight against HIV/AIDS received a vital boost with the national annual HIV surveillance review meeting. Bringing together key stakeholders, the meeting showcased the power of data-driven strategies and celebrated the impactful role of the National Data Repository (NDR) surveillance dashboards.

Shining a Light on Success:

Implementing partners actively participated, shared innovative approaches and successful strategies that contribute to a more effective surveillance program.

The meeting highlighted the transformative impact of the NDR surveillance dashboard, encompassing critical Case-Based Surveillance (CBS), Recency surveillance, and Mortality surveillance. This user-friendly tool informs decision-making and boosts programmatic efficiency.

Compelling case studies revealed how the dashboard has steered successful interventions and shaped impactful strategies.

New Tools for Enhanced Monitoring:

The meeting unveiled new modules integrated into the CBS dashboard and Mortality surveillance, promising further refinement of the system's analytical capabilities.

Additionally, Early Warning Indicators (EWI) of HIV Drug Resistance were introduced, a set of indicators to assess if ART programs are delivering high-quality

care and minimizing drug resistance risks.

Collaboration Drives Progress:

The meeting fostered a dynamic exchange of knowledge, best practices, and innovative approaches, demonstrating the Nigerian public health community's commitment to enhance HIV/AIDS surveillance.

The incorporation of new modules underscores a proactive approach to leveraging technology and analytics for more effective public health interventions.

The fight against HIV/AIDS gains momentum in Nigeria, fueled by data-driven insights and collaborative efforts. The NDR surveillance dashboards stand as a powerful tool, illuminating the path towards a healthier future for all.

“

Implementing partners actively participated, sharing innovative approaches and successful strategies that contribute to a more effective surveillance program.

The meeting highlighted the transformative impact of the NDR surveillance dashboard, encompassing critical Case-Based Surveillance (CBS), Recency surveillance, and Mortality surveillance. This user-friendly tool informs decision-making and boosts programmatic efficiency.

”





Image: Plenary session at NigeriaQual meeting

Bridging Past and Present: Resuscitating Quality Care Monitoring in Nigeria's HIV Program

Nigeria reinvigorates quality control with the return of "NigeriaQual" and integration into the National Data Repository (NDR)

A Legacy Renewed:

The once-halted "NigeriaQual" platform, a national assessment tool for HIV program performance, is being revived.

Led by the National Agency for Sexually Transmitted Infections Control Program (NASCP), with technical support from PHIS3, this initiative addresses outdated quality of care (QoC) indicators and aligns them with current needs.

A Collaborative Effort:

The Nigeria Quality Improvement Technical Meeting brought together stakeholders to strategize and address challenges in healthcare quality.

Reviewing existing QoC indicators, updating guidelines, and identifying implementation bottlenecks were key objectives.

Key Highlights:

Panel discussions explored facilitators and barriers of the previous "NigeriaQual," including stakeholder engagement and technological issues.

Emphasis on leveraging technology and collaboration between government, healthcare institutions, and NGOs for cost-effective improvements.

A 37-member technical committee was formed to spearhead the initiative.

Action Plan for Progress:

- Finalizing guidelines and onboarding QoC indicators onto the EMR & NDR.

- Establishing a "Community of Practice" for knowledge sharing and support.
- Implementing robust monitoring and evaluation mechanisms to track progress.
- Recognizing high-performing sites to incentivize quality improvement practices.
- This revitalized approach promises enhanced monitoring, data-driven decision-making, and ultimately, better healthcare quality for Nigerians living with HIV.

“

The Nigeria Quality Improvement Technical Meeting brought together stakeholders to strategize and address challenges in health-care quality.

Reviewing existing QoC indicators, updating guidelines, and identifying implementation bottlenecks were key objectives.

”



Image: NigeriaQual meeting



Image: ART Impact Survey meeting

Finding the Right Path: Paving the Way for a Successful ART Impact Survey in Nigeria

Nigeria takes a crucial step towards understanding its HIV epidemic with a comprehensive ART Impact Survey (AIS).

Setting the Stage:

Stakeholders reviewed and adopted the AIS protocol, ensuring a robust foundation for the survey.

Akwa Ibom state was chosen based on strategic factors to provide crucial insights.

The survey will assess vital aspects of HIV services, guiding future program improvements.

Collaborative Spirit:

Government, PEPFAR, Global Fund, and other stakeholders worked together for an inclusive approach.

Tools review workshop and state-level engagement planned for smooth implementation.

Impactful Outcomes:

- Improved reach and effectiveness of HIV interventions nationwide.
- Optimized resource allocation to maximize impact.
- Increased access to quality care for all Nigerians.

Building Expertise:

A 5-day workshop in Lagos brought together diverse stakeholders for tool and material development. Standardized resources like SOPs and manuals created for consistent data collection. Experts shared best practices and learned from the NAIS 2018 success story.

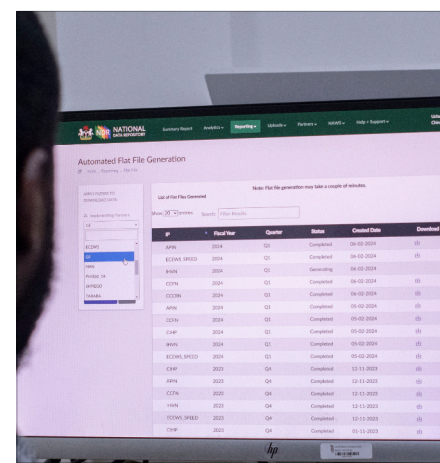
Overall Benefit:

- Enhanced survey quality through standardized tools and practices.
- Improved program effectiveness with data-driven insights and impactful interventions.
- Ultimately, better lives for Nigerians living with HIV.

“

The survey will assess vital aspects of HIV services, guiding future program improvements.

”



NDR Automated Line List Module

Making Data Dig Faster: Streamlining HIV Program Monitoring with Automated Line Lists

Nigeria's National Data Repository (NDR) gets a power-up, simplifying data access for HIV program monitoring.

Public health stakeholders and organizations needed a faster way to access specific HIV program data from the NDR. Manually requesting line lists was time-consuming and inefficient.

A new automated line list requests module was developed on the NDR platform. Authorized users can now generate customized line lists with advanced filtering options:

Implementing partner
Facility state
Local government area (LGA)

Facility name

The Impact:

- Data access is faster and easier, streamlining analysis and decision-making.
- Generated line lists are stored for seven days, allowing for repeated access and reducing turnaround time.
- This innovation addresses a key user need and enhances the effectiveness of HIV program monitoring in Nigeria.

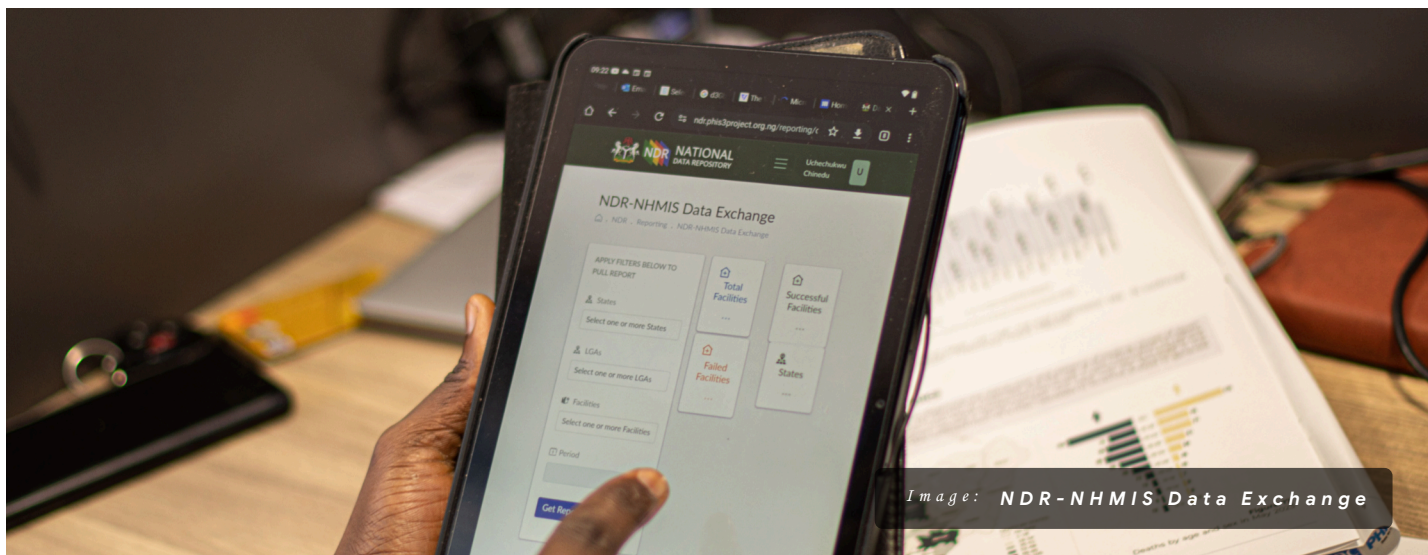


Image: NDR-NHIS Data Exchange

Bridging the Gaps: Streamlining HIV Data Management with NDR-NHIS Integration

Nigeria's National Data Repository (NDR) takes a vital step towards data integrity and accurate client identification with the rollout of its fingerprint verification activity.

The Challenge:

Two crucial systems held valuable HIV data, leading to potential duplicate reporting and data discrepancies.

Streamlining reporting and ensuring data accuracy were essential for informed decision-making.

The Solution:

A groundbreaking project funded by the Global Fund and driven by NACA in collaboration with DPRS and NASCP integrated the NDR and NHMIS platforms.

This "single source of truth" eliminates discrepancies and ensures consistent HIV data reporting across the nation.

The Journey:

Stakeholders collaborated to understand specific needs and update national HIV reporting tools.

HISP, managing the NHMIS, received updated National HIV data capturing tools for the integration.

PHIS3, responsible for managing the NDR, successfully integrated and pushed data to

a staging NHMIS instance.

Rigorous data validation confirmed high accuracy, paving the way for a live launch.

The Impact:

Complete 2023 HIV data has been seamlessly integrated into the NHMIS platform.

Ongoing data review ensures continued accuracy and reliability.

This powerful collaboration strengthens HIV program monitoring and evaluation, enabling data-driven decisions for better health outcomes in Nigeria.

“

Stakeholders collaborated to understand specific needs and update national HIV reporting tools.

HISP, managing the NHMIS, received updated tools and API documentation for integration.

”

Public Health Information, Surveillance Solutions, and Systems (PHIS3)

PHIS3 is a project of APIN, a non-governmental organization devoted to designing and harnessing innovations in advanced analytics and technologies to provide reliable, accurate data to aid decision making, plan sustainable programs and develop public policies that reach and benefit underserved populations.

By consistently adapting to evolving and emerging trends in public health, information management, and research, we are able to provide quality services that are responsive to the ever-changing needs of our clientele

Our Vision

To be a leader in the provision and management of public health information systems and solutions that are resilient and adaptable to enable efficient delivery of quality services to the populace.

Our Mission

To expand the frontiers of reliable public health information and solutions for decision making at all strata and to be the hub for high quality, timely, and usable health information for stakeholders especially the Government of Nigeria

PHIS3 Office

Primary Business Address:
No. 34 Mike Akhigbe Way,
Jabi District, Abuja.
E-mail: info@phis3project.org.ng
website: phis3project.org.ng

EDITORIAL TEAM

Oludare Onimode—Editor-in-Chief
Olaposi Olatoregun—Deputy Editor-in-Chief
Nnamdi Umeh—Editor
Timothy Bende—Designer

Raymond Songo—Contributor
Williams Nwagbo—Contributor
Uche Chinedu—Contributor
Mariam Olawale—Contributor