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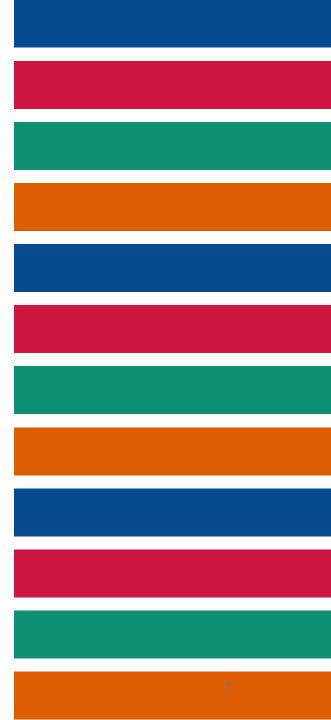
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Advancing Measurement of the Scale and Reach of HIPs: CHWs and PDS

MAY 15, 2024

Facilitator/Emcee



Trinity Zan

Deputy Director, Research for Scalable Solutions (R4S), FHI 360

Meeting Overview

- 2-day convening, May 14 and 15
- Objective of convening:
 - Identify how to improve routine monitoring of scale & reach of HIPs through national and program information systems.
 - Today: CHWs and PDS
- Outputs: Considerations and recommendations for strengthened monitoring

EDT	Agenda
9-9:10	Welcome, meeting overview, framing
9:10-9:20	Opening Remarks
9:20-9:45	Presentations: Indicator/data landscape
9:45-10:20	Spotlight presentations
10:20- 11:00	Break-out group discussions
11:00- 11:20	Report out
11:20- 11:30	Closing



HIPs Global Planning Committee

- Ms. Olanike Adedeji, Family Planning Programming Specialist, United Nations Population Fund (UNFPA)
- Dr. Salma Ibrahim Anas, Special Adviser to President on Health, Nigeria
- Mr. Lawrence Anyanwu, Director, Family Planning Branch, Federal Ministry of Health and Social Welfare, Nigeria
- Dr. Gizela Azambuja, Head of Department of Family Planning, Ministry of Health, Mozambique
- Dr. S. Mathieu Bougma, Head of Family Planning Office, Family Planning Department, Ministry of Health, Burkina Faso
- Dr. Jason Bremner, Senior Director, Data and Measurement, FP2030
- Dr. Aurélie Brunie, Deputy Director, Research, Research for Scalable Solutions (R4S); Director, Supporting Measurement and Replicable Techniques for HIPs (SMART-HIPs), FHI 360
- Dr. Jean Christophe Fotso, Executive Director, EVIHDAF
- Dr. Alda Mahumano Govo, Head of Family Planning/Reproductive Health Division, Ministry of Health, Mozambique
- Dr. Rita Kabra, Technical Officer, Contraception and Fertility Care, Department of SRH, World Health Organization
- Mr. Rogers Kagimu, Track20 M&E Officer, Ministry of Health-DHIM & R&IH, Uganda

- Dr. Bibek Kumar Lal, Director, Family Welfare Division, Department of Health Services, Nepal
- Dr. Erica Lokken, Bill & Melinda Gates Foundation
- Dr. Fredrick Makumbi, Associate Professor, Dept of Epidemiology & Biostatistics, Makerere University
- Dr. Emeka Nwachukwu, Senior Research Advisor, Office of Population and Reproductive Health (PRH), USAID
- Dr. Charles Olaro, Director Health Services, Office of the Director of Curative Services, Ministry of Health, Uganda
- Ms. Sharmila Paudel, Sr. Community Nursing Administrator, FP/RH Section Chief, Nepal
- Dr. Susan Pietrzyk, Data for Impact (D4I) Partner Lead, ICF
- Ms. Shannon Pryor, Senior Advisor, Family Planning and Reproductive Health, Save the Children
- Dr. Valérie Marcella Zombre Sanon, Director of Family Health, Ministry of Health, Burkina Faso
- Dr. Binyerem Ukaire, Director and Head of the Reproductive Health Division, Federal Ministry of Health, Nigeria
- Ms. Trinity Zan, Deputy Director, Research for Scalable Solutions (R4S), FHI 360



Select Language



HIP PRODUCTS RESOURCES ENGAGE OVERVIEW ABOUT US

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Q SEARCH

Creating the Greatest Impact

High Impact Practices (HIPs) are a set of evidence-based family planning practices vetted by experts against specific criteria and documented in an easy-to-use format. HIPs help programs focus resources for greatest impact.

CHW & PDS definitions



Community Health Workers:

HIP

Community Health Worker (CHW): Integrate trained, equipped, and supported community health workers into the health system.

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Pharmacies and Drug Shops (PDS): Train and support pharmacies and drug shops to provide family planning and a broad range of quality contraceptive methods.





Olanike Adedeji

Family Planning Programming Specialist

United Nations Population Fund (UNFPA)

UNFPA Commitment to Advancing HIPs Measurement

- The 3 Zeros commitment aligned to the SDGs (First Transformative Result is reducing Unmet Need for Family Planning)
- Scale of the Challenge =
 - 121 million unintended pregnancies a year and 257 million women do not want to become pregnant but are not using modern contraception
- High Impact Practices (HIPs) are a set of evidence-based family planning practices vetted by experts against specific criteria and documented.
 - Question of why are countries not implementing to scale? Led to the current work with HRP (under leadership of WHO) on the Bottle Neck Analysis
 - Challenges with measurement of HIPs





Universe of data from HMIS and partners/projects for monitoring scale and reach



Susan Pietrzyk

Data for Impact (D4I) Partner Lead ICF



Aurélie Brunie

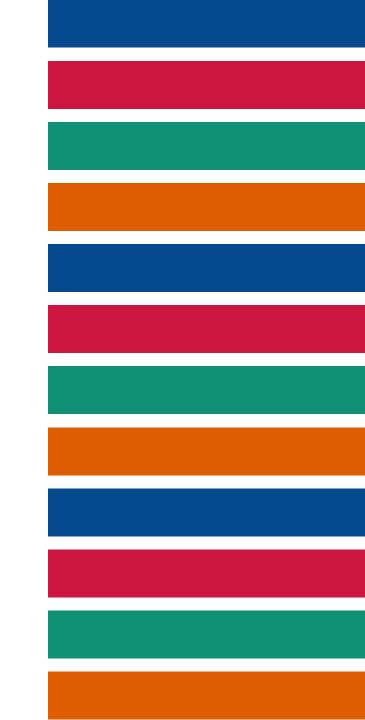
Deputy Director, Research for Scalable Solutions (R4S)

Director, Supporting Measurement and Replicable Techniques for High Impact Practices in Family Planning (SMART-HIPs)

FHI 360

Partner Measurement of Scale and Reach for CHW and PDS Selected results from D4I and R4S/SMART-HIPs partner indicator inventories

May 15, 2024



Indicator inventory overview

Objective: To identify indicators partners are using to monitor HIP implementation

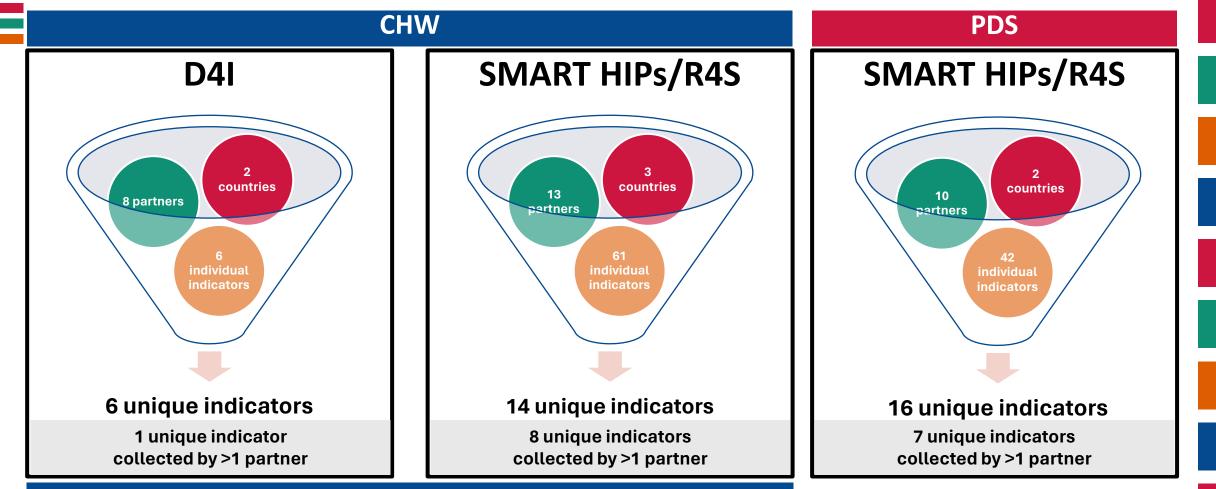
D4I

- **HIP**: CHW
- Countries: Bangladesh, Tanzania
- **Partners:** USAID-funded projects
- Methods:
 - USAID Missions identified projects with FP programs to participate in assessment (4 projects each country)
 - Partners in each country were asked to fill out a spreadsheet describing indicators that they collect to monitor implementation of the HIP
 - For this presentation, indicators were mapped to the SMART HIPs/R4S deduplicated indicators

SMART HIPs/R4S

- HIPs: CHW, PDS
- Countries^{*}:
 - CHW Nepal, Nigeria, Uganda
 - PDS Nigeria, Uganda
- **Partners:** USAID & UNFPA-funded projects, NGOs, INGOs, & CBOs supporting HIPs implementation
- Methods:
 - HIP mapping exercise in target areas of countries identified partners implementing HIPs
 - Partners in each country were asked to fill out a spreadsheet describing the indicators that they collect to monitor implementation of each HIP.
 - Partner indicator inventories were then deduplicated to identify unique indicators.

Variation in indicators being used



In total, 18 unique indicators collected across D4I and SMART HIPs/R4S indicator inventories with 2 overlapping across D4I and SMART HIPs/R4S

- ✓ Partners collect a variety of indicators that can be distilled into a few unique indicators
- Partners collect some indicators that are common across partners, though many indicators are unique to the partner

CHW Indicators collected from partners

Unique Indicators (identified by SMART HIPs/R4S)	Indicators (Reported to D4I)
# clients received FP by CHWs	-
# CHW clients referred to facility	-
# CHWs trained on FP	# service providers trained with the support of USG funding
# CHWs providing FP	# CHWs supported to provide community-based services to HIV, FP, and/or tuberculosis clients
# counseled by CHWs	-
# CHW referrals completed	-
# CHW supervision visits	-
# CHWs trained on DMPA SC/SI	-
Resupply clients/expected resupply clients	-
# clients received services	-
# FP services provided	-
% satisfied / all FP CHW clients	-
# contraceptive items distributed by CHWs	-
# CHWs with stockouts	-
-	# USG assisted CHWs providing FP information, referrals, and/or services during the year
-	# trainers who received training in FP teaching with the support of USG funding
-	# training curricula developed or updated with the support of USG funding
-	# service providers trained on the use of at least one modern communication technology for adolescents and youth with the support of USG funding

PDS Indicators collected from partners

Unique Indicators (identified by SMART HIPs/R4S)

participating PDS providing FP

clients received FP from PDS

PDS staff trained on FP

PDS clients counseled

clients referred to facility

completed referrals from PDS

PDS with stockouts/all PDS

Resupply clients/expected PDS clients

PDS with trained staff

% PDS with trained staff/all PDS

Satisfied clients/surveyed clients

PDS meeting quality standards/PDS assessed

PDS reporting on time

PDS meeting IPC measures/PDS assessed

PDS with FP jobs/all PDS

PDS with referral list/all PDS

Inconsistent definitions of indicators

- Indicator definitions varied, particularly once extended beyond common indicator of # of USG-assisted CHWs providing FP information, referrals, and/or services during the year, as well as in terms of disaggregations
- Unique indicators were identified by collapsing similar indicators that measured the same concept, despite using slightly different language, disaggregations, and/or if the exact definition was not clear in the definition provided (how calculated, how data flowed)

Example deduplication

Unique indicator: # of clients who received FP from CHWs

Illustrative submitted indicators:

- # of CHW clients provided with a family planning method
- # of CHW clients provided with DMPA-SC
- # of clients who received FP methods from the CHW

Limited partner connection to HMIS

HMIS reporting is more the exception than the norm

- Indicators frequently not reported into national data systems as many indicators are primarily useful for improving HIP implementation at the program/local level
- Some indicators are used to inform broader programmatic goals, and these can sometimes also be used to understand HIP implementation, especially when disaggregated or serving as a denominator

Examples of indicators not reported to HMIS

- % of all CHW referrals that are effective
- % of PDS that have job aids or that meet infection prevention and control measures
- # of contraceptive items distributed by CHWs
- % of CHWs that have one or more stockouts
- % of CHWs trained on selfinjection
- % of PDS comfortable with adolescent and youth friendly services

Key takeaways

- Partners measure HIPs; however:
 - -Variation exists in the indicators being used
 - -Indicators have inconsistent definitions
 - -Most partner data are not connected to the national data system via HMIS

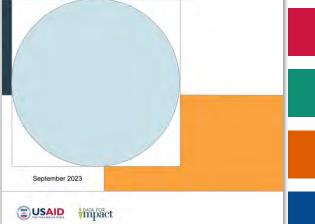
Links to D4I Resources











High Impact Practices (HIPs) in Family Planning (FP): A qualitative assessment of quality and scale of implementation for three service delivery HIPs in Bangladesh and Tanzania -DataForImpactProject (data4impactproject.org) High Impact Practices (HIPs) in Family Planning Summary Brief: Assessing HIP Core Components - DataForImpactProject (data4impactproject.org) High Impact Practices (HIPs) in Family Planning: Methodological Brief on Monitoring HIPs Implementation with Core Components -DataForImpactProject (data4impactproject.org) High Impact Practices (HIPs) in Family Planning: Measuring and Monitoring HIP Implementation with Core Components: Example HIP Core Component Checklists - DataForImpactProject (data4impactproject.org)

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Current HMIS Landscape: A Review of Tools for Community Health Workers and Pharmacies and Drug Shops

15 May 2024





What information do countries measure in their health information systems about community health workers and about pharmacies and drug shops?



Review of HMIS registers and forms in 5 countries

Burkina Faso



Nigeria

Mozambique



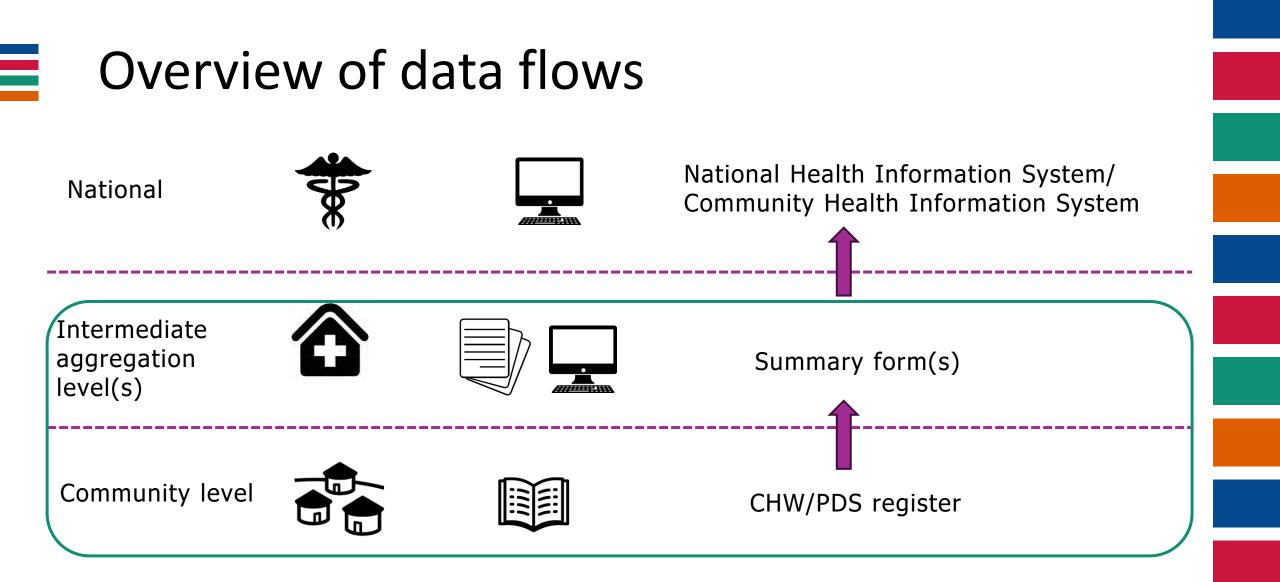
Uganda

Develop summary list of relevant indicators based on commonly used indicator categories across the reviewed forms.

Review HMIS registers and summary forms to map indicator availability and available disaggregations.

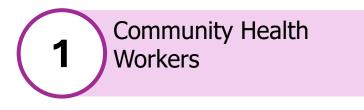
Cross-check review by a second person & validate results with MOH personnel or other individuals with deep familiarity with the HMIS in each country.

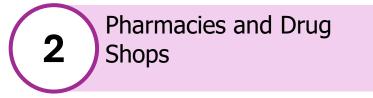
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Adapted from: Regeru et al. 'Do you trust those data?'—a mixed-methods study assessing the quality of data reported by community health workers in Kenya and Malawi. Health Policy and Planning, 35 (3) (2020)

Structure of results





3 common indicator categories



FP counseling # clients counseled on FP by CHWs/PDS



FP provision # clients receiving methods from CHWs/PDS



FP referrals # clients referred for FP by CHWs/PDS

Community Health Workers CHWs



Country	CHW cadre	Register	Summary Form (level)	Other sources of info
Burkina Faso	Agents de Santé à Base Communautaire	Not available	Monthly Activity Report: Community (sub-district)	
Mozambique	Agentes Polivalentes de Saùde	Not available	FP indicator list from UpScale	
Nepal	Female Community Health Volunteers	HMIS 4.2 FCHV Service Register	HMIS 9.1 FCHV Report (supervising facility)	FCHV data in HMIS 9.2 - 9.5 Facility Reports
Nigeria	Community Health Influencers, Promoters and Services agents	Community-based daily FP register, v 2022	Community HMIS, Community Monthly Summary Form, v 2022 (CHEW)	
Uganda	Village Health Teams	VHT Household register	HMIS 105: Health Unit Outpatient Monthly Report (supervising facility)	Meeting with MOH staff



CHW indicators

Country	FP counseling	FP provision	FP referral
Burkina Faso	Unknown	Y	Y
Mozambique	Y	Y	Y
Nepal		Y	Y
Nigeria	Y	Y	Y
Uganda			

Y = in register

Also in monthly summary form

- 4 countries record FP provision and referrals in CHW registers, and this information is reported in monthly summary forms.
- 2 countries record FP counseling in CHW registers, and one of these record it in monthly forms.
- In Uganda, VHT-reported data are reported with data from their supervising facilities, but it is not possible to distinguish VHT clients from facility clients.

Disaggregation of CHW FP provision

Y = in register

Also in monthly summary form

Country	By age	By method	By new/returning
Burkina Faso	Y	Y	Y
Mozambique	Y	Y	Y
Nepal		Y	
Nigeria	Y	Y	Y
Uganda	No	FP provision record	led

- All countries recording information on FP provision record method disaggregation in CHW registers and monthly summary forms.
- 3 of these 4 countries also record disaggregation by age and by new/returning users in CHW registers. All 3 countries report disaggregation by new/returning users in monthly forms, and 2 report disaggregation by age.

Disaggregation of CHW provision by method

		ECP	Pills	Injectable	Implant	Condom	Other
	Burkina Faso		Y	Y		Y	
= in register	Mozambique		Y	Y		Y	
Also in monthly summary form	Nepal	Y	Y			Y	
	Nigeria	Y	Y	Y	Y	Y	Y
	Uganda				on recordec		

The only method that falls off from the register to the summary form is "other" for Nigeria.

Y = in register

CHW HMIS indicator summary

Торіс	In registers (R)	In summary forms (SF)
#counseled	2/5	1/5
#received methods	4/5	4/5
#referred to facility	4/5	4/5

- Data flows and aggregation methods vary across countries.
 - In Burkina Faso and Nepal, CHW data are aggregated across CHWs who are linked to the same facility.
 - **Uganda** includes VHT data in facility summary forms, but it is not possible to isolate VHT data.

Pharmacies and drug shops PDS

PDS data tools and systems

Country	Register	Summary Form (level)		
Burkina Faso	N/A: PDS data not collected			
Mozambique	N/A: PDS data not collected			
Nepal	N/A: PDS data not collected			
Nigeria	Community-based daily FP register, v 2022	Community HMIS, Community Monthly Summary Form, v 2022		
Uganda	N/A: PDS data not collected			

- **Nigeria** is piloting a Community HMIS using individual PDS-level forms. The forms records counseling, method provision and referrals, and include disaggregation by age, method, and new/returning user.
- **Uganda** includes PDS data in health facility summary forms, and in **Nepal** PDS may report data to a local facility or municipal office, but in both cases, it is not possible to distinguish PDS clients from facility clients.

Spotlight Presentations

Challenges, opportunities, and operational considerations for integrating community-based and private-sector health information into HMIS



Brighton Muzavazi

Track20 M&E Officer

Zimbabwe



Lawrence Anyanwu

Director & Acting Head, RH Division, Federal Ministry of Health & Social Welfare

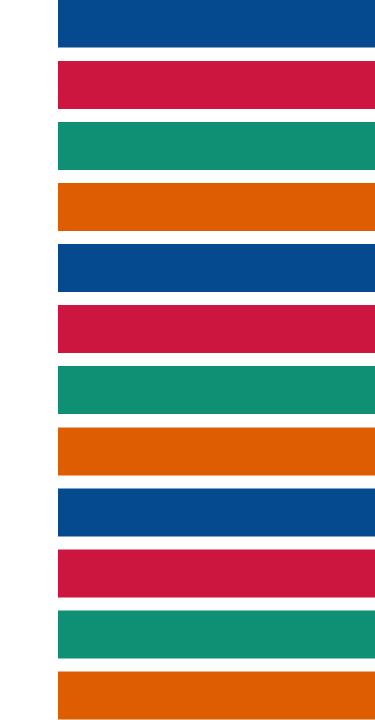
Nigeria



From private sector data capture to health information exchange & interoperability in Zimbabwe

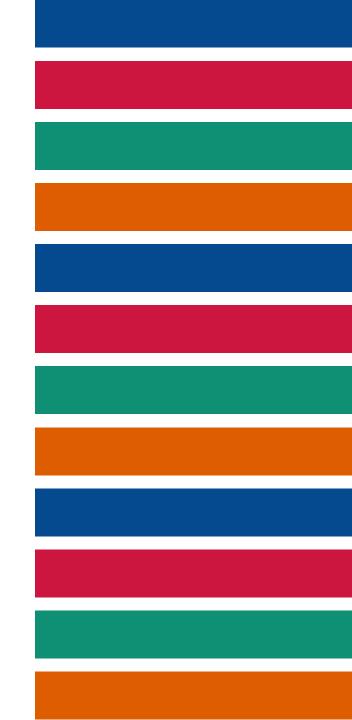
Brighton Muzavazi Track20 M&E Officer Zimbabwe

May 15, 2024



Why Private Sector reporting Matters For Zimbabwe

- Close to a quarter of FP services (22.3%) provided in the Private Sector
- Most of the Private sector service providers not reporting through the National Health Information System
- No information on how many service providers for FP in the Private sector was available
- The Government procures contraceptives and sells to the Private sector at subsidized rates



Efforts to Engage the Private Sector

- Standardization of family planning Reporting tools
- Private sector Mapping
- Registering Private Sector clinics in DHIS2
- Collecting of Retail pharmacy data from the national pharmaceutical
- Training of Pharmacists and dispensary assistants
- A better way of capturing private sector data



Towards Health Information Exchange

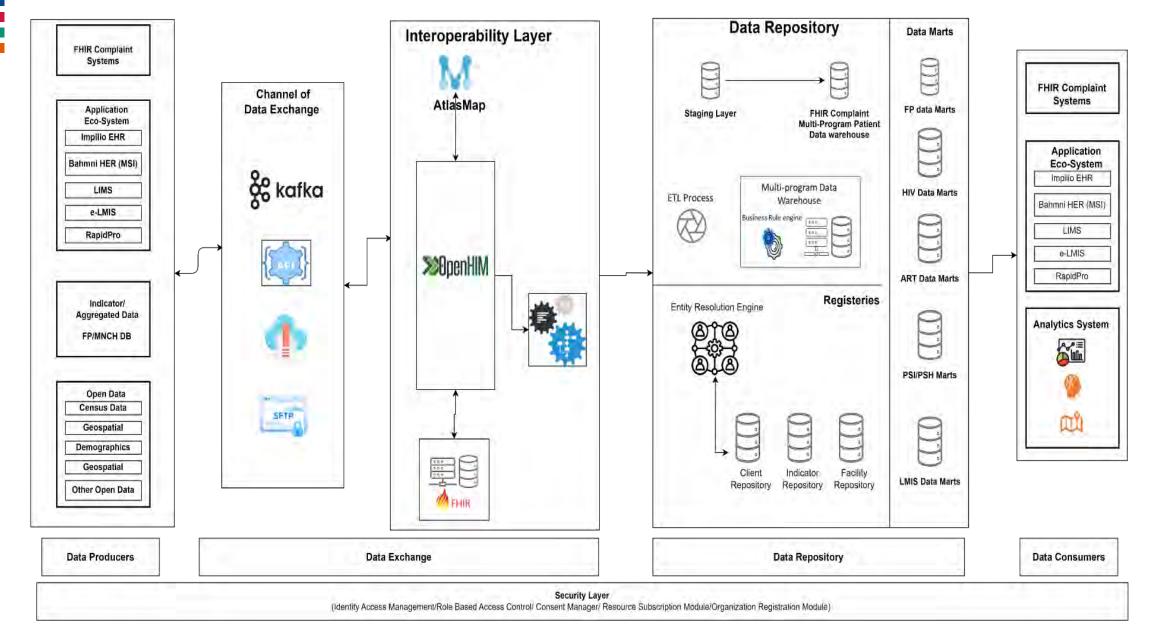
Having Su partners sh reporting in er DHIS2 is not Hi the solution Lin

Suggested solutions include direct data entry, sharing data or carrying data to the district for data entry, and use of public sector templates High costs for private sector

Limited acknowledgment of different data systems

Different systems used to collect FP routine data DHIS2(MoHCC) DHIS2(PSZ) -Impilo(eHR) -eLMIS -Excel spreadsheets Private and retail Pharmacies 1Data 😋 onnect

Zimbabwe - FP



Health Information Exchange

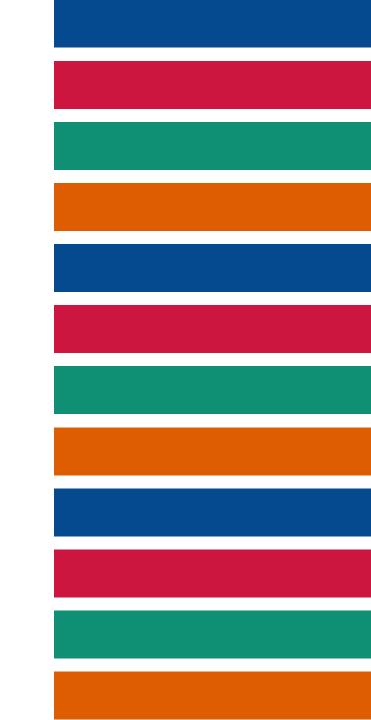
- Creating a central repository for all FP data (Public and Private)including pharmacies
- The different systems being able to communicate to each other and share data
- The HIE was built outside DHIS2 pulling data from different systems that collects FP data including data for Pharmacies
- Benchmarking with population and survey data
- Retrieving and sharing information from the HIE
- This is the first instance of Family Planning leading the data ecosystem and building the architecture for data sharing



Implementing Community Health Management Information Systems (CHMIS) in Nigeria

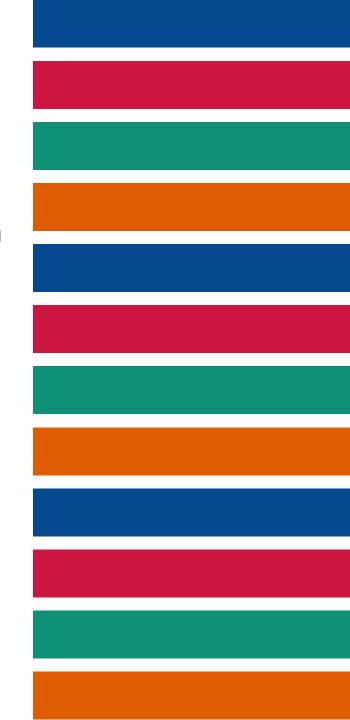
A Presentation by Mr. Lawrence Anyanwu Director & Acting Head, RH Division Federal Ministry of Health & Social Welfare

May 15, 2024



Background

- The Nigeria Health Management Information System (NHMIS) at its early stage covered only public sector health facilities with few selected private sector health facilities subsequently added
- Private HFs and community-level data were not collected and were not feeding into the NHMIS
- Different Partners had data collection/reporting tools designed to meet their specific needs
- Effort at harmonizing the various tools commenced in 2021
- By 2022, the Federal Ministry of Health and Social Welfare designed a Community Health Management System (CHMIS) with appropriate tools and Standard Operational Procedures (SOPs)



Background Cont'd

- The purpose is to facilitate the collection and reporting on community-based services on a national scale with a view to complementing the overall Nigeria Health Management Information System (NHMIS)
- The CHMIS has been piloted in nine states out of the country's 36 states plus the Federal Capital Territory (FCT), Abuja
- Subsequently, the tools and SOP have been validated for national scale up which is yet to commence
- Family planning is one of six programme areas covered and have specific registers
- Successful roll-out/scale up of the CHMIS will positively impact the National Family Planning Programme as data on FP services provided by Community Health Workers (CHWs) are collected and integrated into the national system for improved overall decision making and greater effectiveness.

Categories of CHWs Involved with CHMIS

- 1. Junior Community Health Extension Workers (JCHEWS)/CHEWS
- Community Health Influencers and Promoters Scheme (CHIPs) Agents
- 3. Community Pharmacists (CPs)
- 4. Proprietary and Patent Medicine Vendors (PPMVs)
- 5. Community Engagement Focal Persons (CEFPs)
- 6. Traditional Birth Attendants (TBAs)

Each of these categories of CHWs report according to the training given to them which is based on what the laws allow them to do

Data Collection Tools for Family Planning

- 1. FP Client Record Folder basic information on the FP Client
- Community-based Daily FP Register (CFPR) information on FP Clients and the FP services provided to them in the community. Data on CFPR are aggregated into CHMIS Monthly Summary Forms
- **3.** CHMIS Monthly Summary Forms (CMSF) summarizing & sharing information about all services provided in a month including FP
- On one hand, the CHW can complete the CMSF at end of each month and forward the original copy to the Local Government Health Office through the Ward Focal Person (WFP)
- On the other hand, the WFP can complete one CMSF thereby providing a single Ward-level data summary for all services and activities carried out in the communities (involving all CHWs) in the same ward during a given month
- Data could be uploaded into the CHMIS Platform based on the above two scenarios on no. 3 above

Categories of FP Indicators Collected

- 1. Counseling-
 - FP
 - PPFP
- **2. FP Service Provision** disaggregated according to:
 - New FP Acceptors in the Community
 - Commodities given to clients in the community (Commodities are fully disaggregated)
 - Age of the clients
- 3. Referral
- Oral Contraception
- Injectable Contraception
- Contraceptive Implant
- IUD
- Surgical Procedures including Sterilization and Implant Removal
- Medical Consultation related to FP, STI, ART, PMTCT, etc.

Integration of CHMIS into DHIS2 Platform

1. Data elements collected and indicators reported through the CHMIS Platform largely align with those on the NHMIS/DHIS2 Platform

2. The CHMIS Platform however operated independently from the DHIS2 Platform and data elements could be traced to any given CHW through their wards

3. Expected integration of the two servers (DHIS2 and CHMIS) has not happened as stakeholders' engagement meeting to work out modalities for rollout/scale up of the piloted system is yet to take place



- Federal Ministry of Health and Social Welfare to convene a Stakeholders' Meeting
- 2. Mobilize resources for roll out/scale up of the piloted system to be supported with an Annual Operational Plan
- 3. Secure funding support for payment of fees for license and maintenance

Thank you for listening





Rogers Kagimu

M&E Officer, Ministry of Health, DHIM & R&IH Uganda



Zénon Mujani Ndembu

Family Planning M&E Officer, Ministry of Health

Track20 M&E Officer

DRC

Breakout group discussions



Objectives and instructions

 Advance discussion on ideal indicators for global monitoring of HIPs, including any recommended changes to existing globally recommended indicators, and identify action steps.

Instructions:

- You will be assigned to the room corresponding to the HIP that you pre-selected.
- Facilitator will guide discussion.
- Note-taker will capture key points via a Google slide
- Select someone to report out

Report out

Next steps & closing



Erica Lokken

Senior Program Officer Bill & Melinda Gates Foundation



Thank you!

This presentation is made possible by the support of the American People through the United States Agency for International Development (USAID). Research for Scalable Solutions (R4S) is a global project funded by USAID and led by FHI 360 in partnership with Evidence for Sustainable Human Development Systems in Africa (EVIHDAF), Makerere University School of Public Health in Uganda (MakSPH), Population Services International (PSI), and Save the Children (STC). The contents of this presentation are the sole responsibility of FHI 360 and do not necessarily reflect the views of USAID or the United States Government.