HIV Learning Network
The CQUIN Project for Differentiated Service Delivery

M&E of DSD

Setsabile Gulwako
National Monitoring and Evaluation Analyst
MoH Eswatini

CQUIN 6th Annual Meeting
December 6 – 9, 2022 | Durban, South Africa

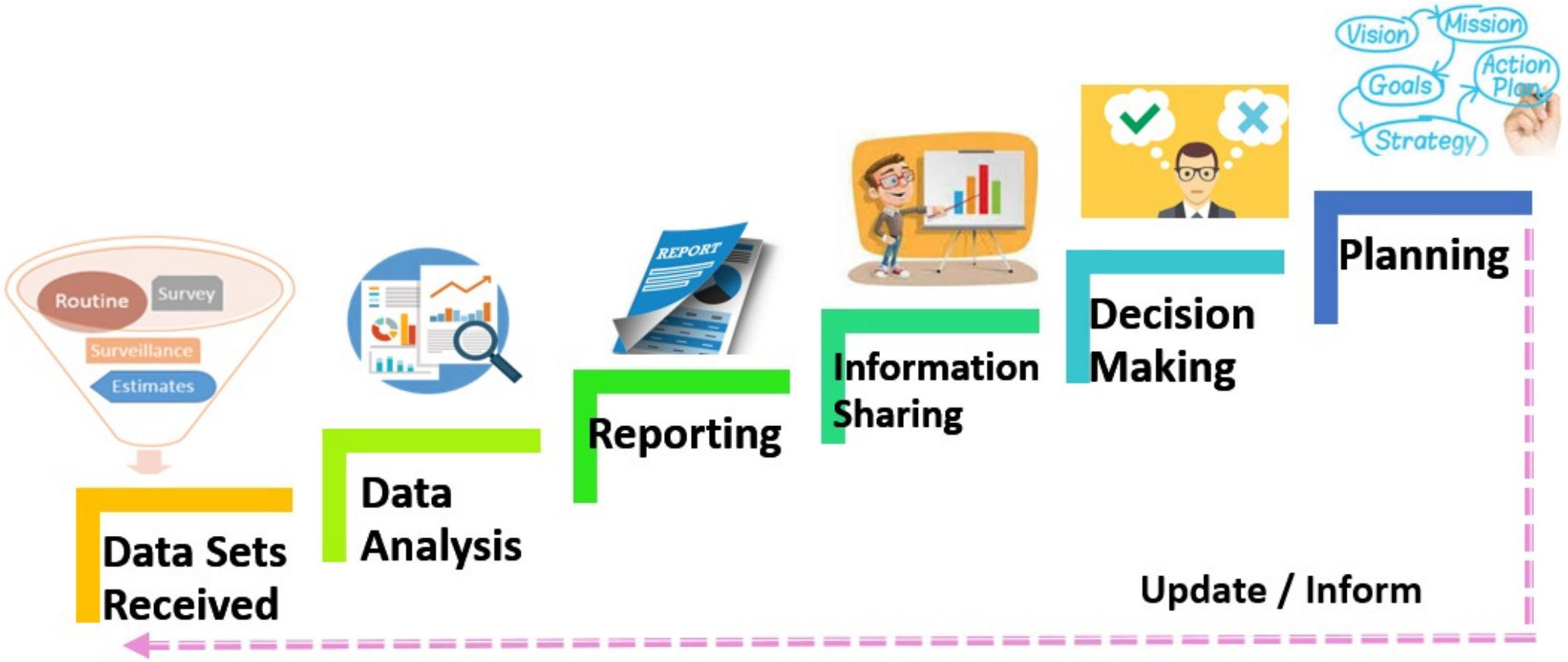
Outline

- Introduction
  - Differentiated Services Delivery in Eswatini
- Reporting & Monitoring Systems of Eswatini
  - M&E processes
  - Current data flow
  - Proposed data flow
- Use of paper-based and electronic systems (CMIS)
- Visualization of Eswatini DSD data on DHIS 2
- What is next?

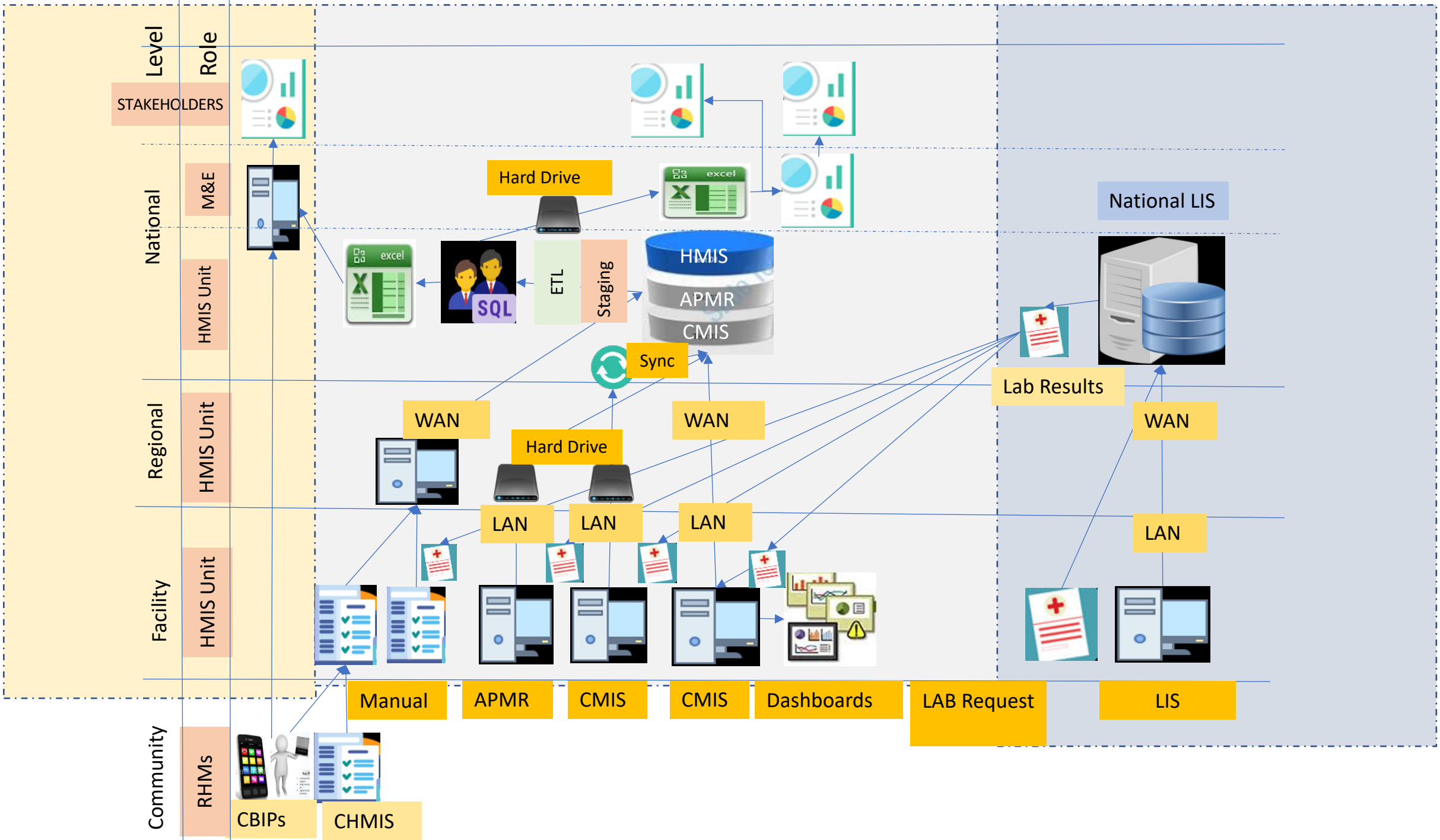
INTRODUCTION- DSD IN ESWATINI

- The increased number of PLHIV on ART in Eswatini due to change in eligibility criteria for ART initiation, resulted in the need to introduce Differentiated Services Delivery (DSD) models.
  - PLHIV on ART increased from 177,156 in 2018 to 207, 513 (Sep. '22)
- To reduce client waiting time, the burden on clinicians due to long queues and maintain quality standard of care, DSD models were introduced.
- In Eswatini, DSD was first introduced in 2014, and in 2017 when the support through CQUIN began.
- As of June 2022, more than 70% of PLHIV on ART were on an appointment spacing either with (31%) or without fast-track (41%).

MONITORING & EVALUATION PROCESSES

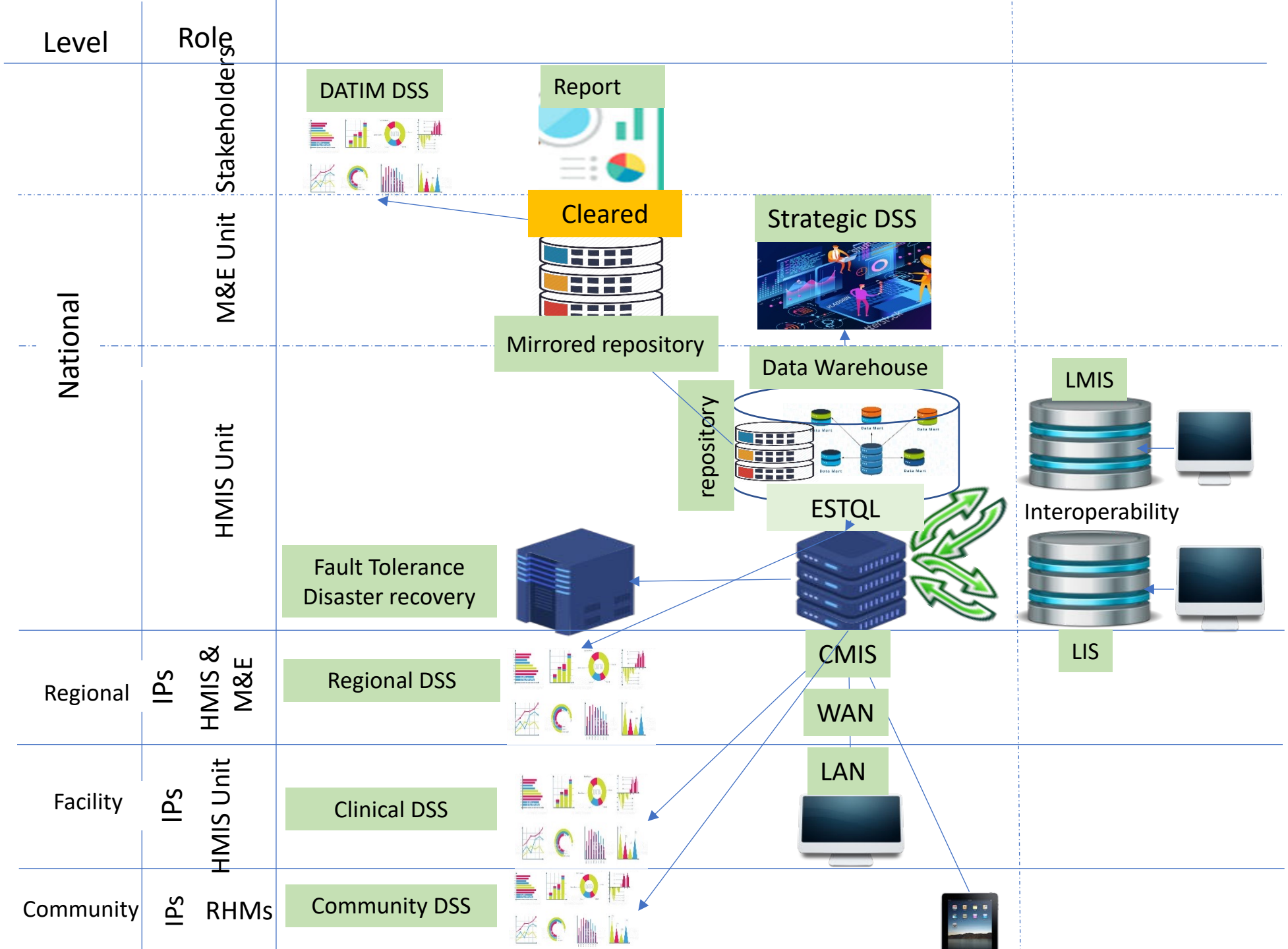


Current Country Data Flow


Level
Role
STAKEHOLDERS
National
M&E
HMIS Unit
Regional
HMIS Unit
Facility
HMIS Unit
Community
RHMs
Hard Drive
excel
SQL
ETL
Staging
HMIS
APMR
CMIS
Sync
National LIS
Lab Results
WAN
WAN
WAN
Hard Drive
LAN
LAN
LAN
LAN
Manual
APMR
CMIS
CMIS
Dashboards
LAB Request
LIS
CBIPs
CHMIS

Proposed Data Flow

Proposed data flow and Feedback



MONITORING & REPORTING SYSTEMS _ PAPER-BASED TOOLS

Facility Treatment Clubs Register

Treatment Club No.:	Treatment Club Name:	Treatment Club Start Date:

Serial Number	Patient Information				Clinical Data at Enrolment			
	Full Name	Gender	Age	ART Number	ART Start Date	Date Joined Club	ART Regimen at Enrolment	VL Date / VL Results
1					dd/mm/yyyy	dd/mm/yyyy		
2					dd/mm/yyyy	dd/mm/yyyy		
3					dd/mm/yyyy	dd/mm/yyyy		
4					dd/mm/yyyy	dd/mm/yyyy		
5					dd/mm/yyyy	dd/mm/yyyy		
6					dd/mm/yyyy	dd/mm/yyyy		
7					dd/mm/yyyy	dd/mm/yyyy		
8					dd/mm/yyyy	dd/mm/yyyy		
9					dd/mm/yyyy	dd/mm/yyyy		
10					dd/mm/yyyy	dd/mm/yyyy		
11					dd/mm/yyyy	dd/mm/yyyy		
12					dd/mm/yyyy	dd/mm/yyyy		
13					dd/mm/yyyy	dd/mm/yyyy		

Community ART Groups Register

COMMUNITY ART GROUP REGISTRATION

Group Details			Group Member's Enrollment Data								
CAG No: (CAG Name)	Date Group Formed	Group Relationship (Closest)	Client No.	Client Name	Gender	Age	Group leader (tick one per group)	ART Number	ART Regimen at Enrolment	VL at Enrolment / Date VL done	Date member joined group (dd/mm/yyyy)
	dd/mm/yyyy	☐ Homestead ☐ Church ☐ Work ☐ Family ☐ Friends ☐ Other	1				☐				dd/mm/yyyy
			2				☐				dd/mm/yyyy
			3				☐				dd/mm/yyyy
			4				☐				dd/mm/yyyy
			5				☐				dd/mm/yyyy
			6				☐				dd/mm/yyyy
	dd/mm/yyyy	☐ Homestead ☐ Church ☐ Work ☐ Family ☐ Friends ☐ Other	1				☐				dd/mm/yyyy
			2				☐				dd/mm/yyyy
			3				☐				dd/mm/yyyy
			4				☐				dd/mm/yyyy
			5				☐				dd/mm/yyyy
			6				☐				dd/mm/yyyy

MONITORING & REPORTING SYSTEMS _ PAPER-BASED TOOLS

HIV Care File

DBS Barcode No.:.....

HIV Care No.:		National ID No:	
Surname:		First Name:	
DOB:	Age:	Sex: M F	
Physical Address: Include details on how to find the home e.g. nearest school, shop, church, river... [Home1/ main/village residence]			
Physical address: Including details on how to find the home e.g nearest school, shop, church, river [Home 2/ rented residence]			
Tel/Cell (own):		Occupation:	
Tel (work):		Work Address:	
Marital Status:	Married	Single / Widowed / Divorced	
Orphan: Yes☐ No☐	Living Parent (tick appropriate)	Mother / Father / None	
Religion:		Education Level:	
Nearest Clinic:		Nearest School:	
Date Tested:	Enrolled Date:	ART Start Date:	

Treatment Support

Treatment Supporter 1	Treatment Supporter 2
Name:..... Relation:..... Tel:..... Cell:.....	Name:..... Relation:..... Tel:..... Cell:.....
Address	Address
RHM Particulars	**Support Group**
Name:..... Tel:..... Cell:.....	Member Yes No Support Group Name:..... Telephone Number:.....

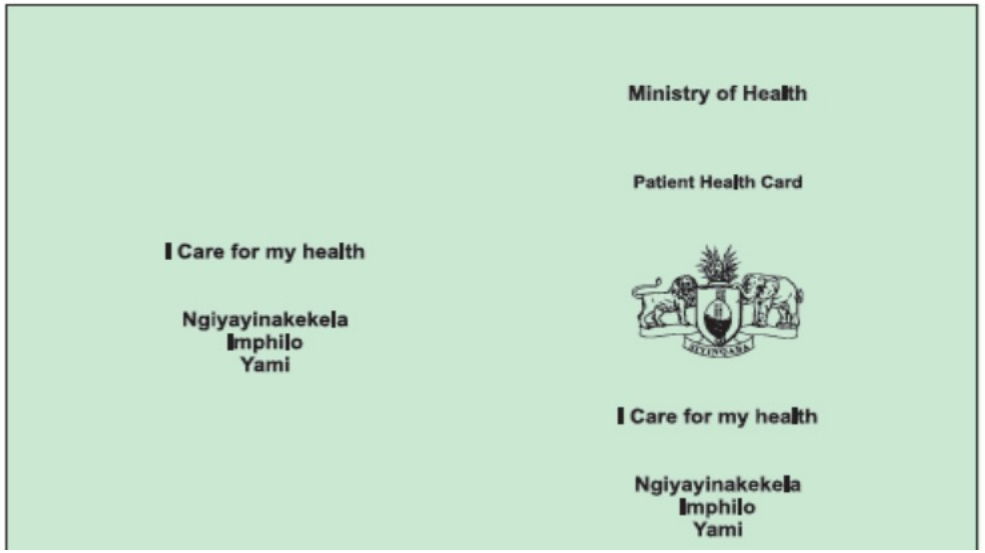
Transfer-In

Transferred-in Yes No From:..... Date:.....

Outcome

☐ Transfer-out	Date:.....	☐ Dead	Date:.....
☐ Lost to follow-up	Date:.....	☐ Stopped	Date:.....

Care entry point: VCT [ ]; PMTCT [ ]; TB [ ]; STI [ ]; U5 Clinic [ ]; OBS [ ]; OPD [ ]; Ward [ ]; Outreach [ ];



Ministry of Health

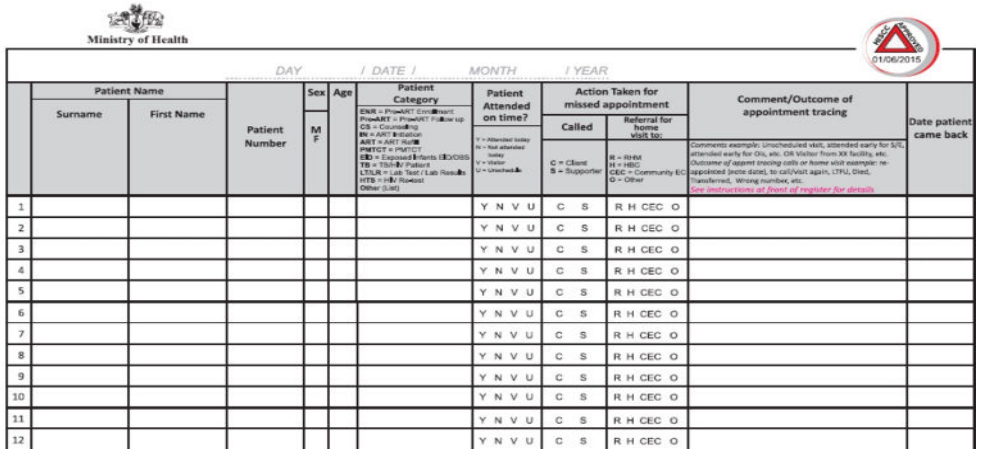
Patient Health Card

I Care for my health

Ngiyayinakekela
Imphilo
Yami

I Care for my health

Ngiyayinakekela
Imphilo
Yami



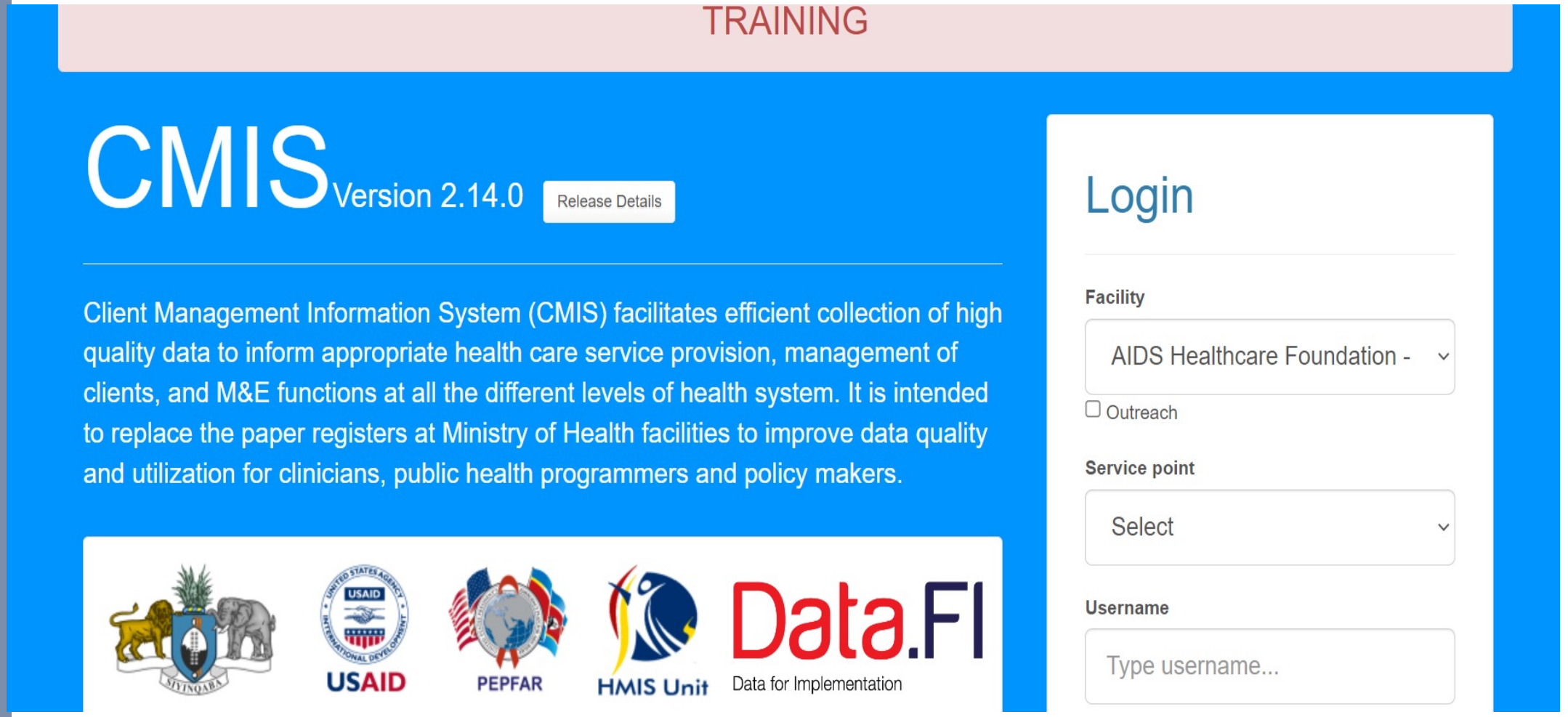
Ministry of Health

01/06/2015

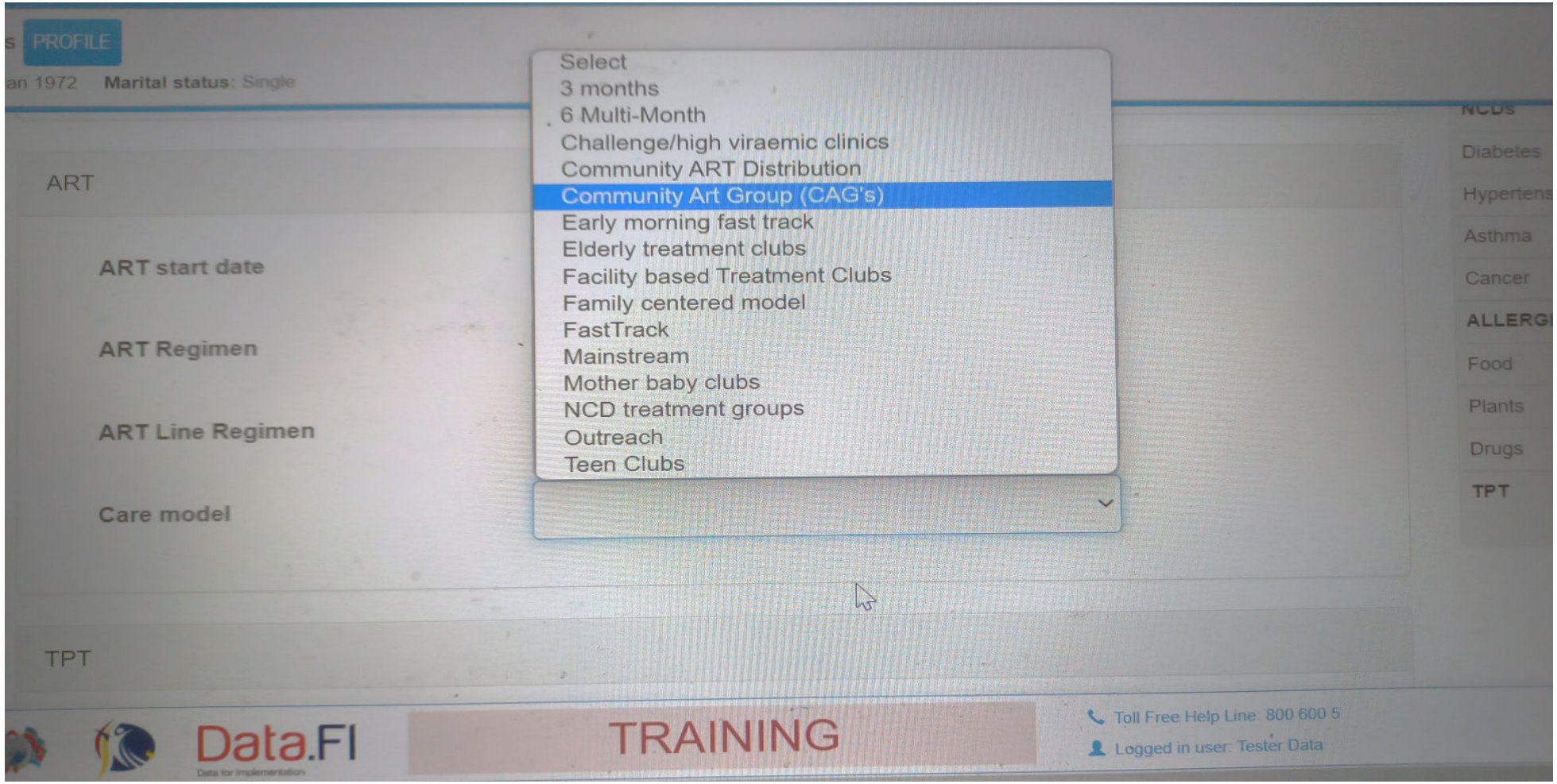
DAY / DATE / MONTH / YEAR

	Patient Name: Surname	Patient Name: First Name	Patient Number	Sex: M F	Age	Patient Category	Patient Attended on time?	Action Taken for missed appointment: Called	Action Taken for missed appointment: Referral for home visit to:	Comment/Outcome of appointment tracing	Date patient came back
1							Y N V U	C S	R H CEC O		
2							Y N V U	C S	R H CEC O		
3							Y N V U	C S	R H CEC O		
4							Y N V U	C S	R H CEC O		
5							Y N V U	C S	R H CEC O		
6							Y N V U	C S	R H CEC O		
7							Y N V U	C S	R H CEC O		
8							Y N V U	C S	R H CEC O		
9							Y N V U	C S	R H CEC O		
10							Y N V U	C S	R H CEC O		
11							Y N V U	C S	R H CEC O		
12							Y N V U	C S	R H CEC O		

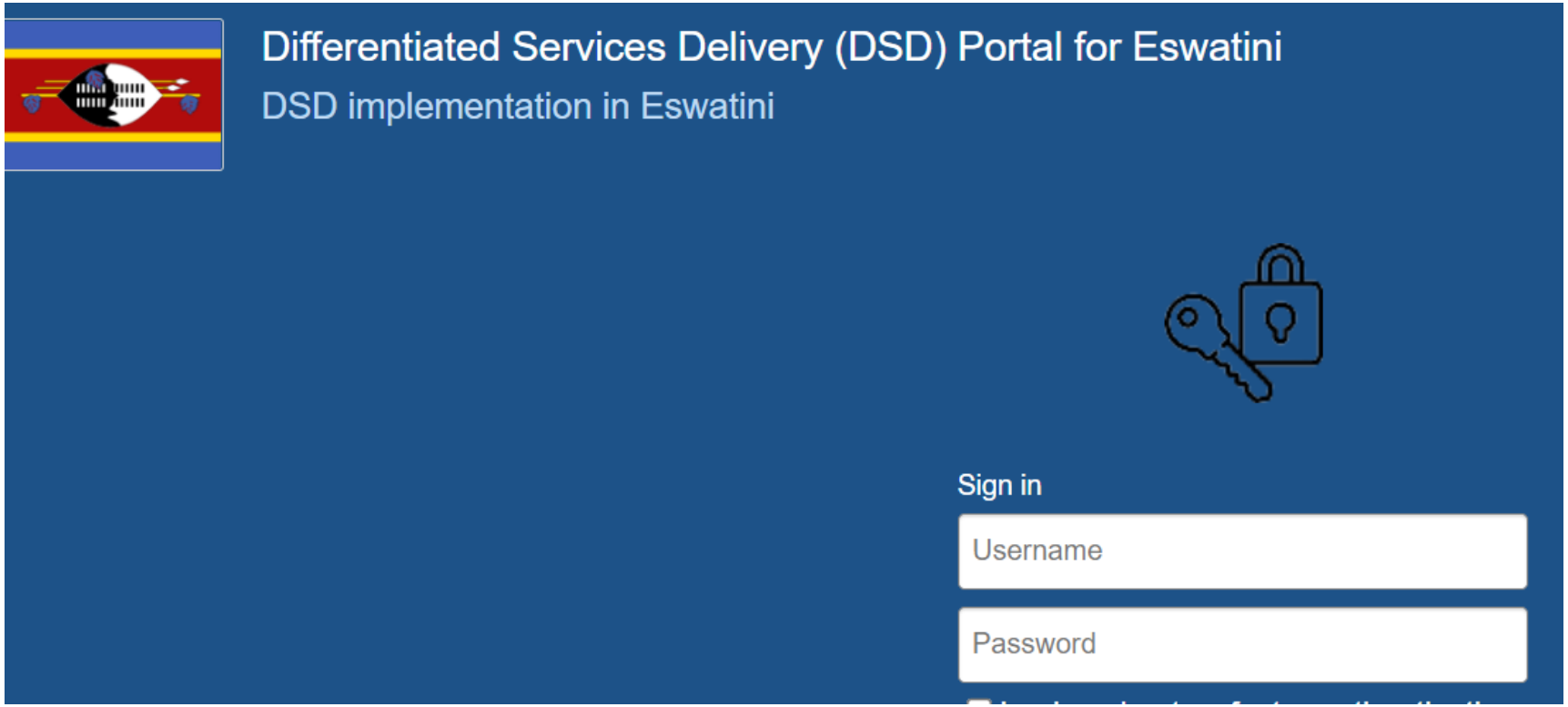
ELECTRONIC SYSTEM _ CLIENT MANAGEMENT INFORMATION SYSTEM



CMIS_ DOCUMENTATION OF DSD/ART CARE MODELS



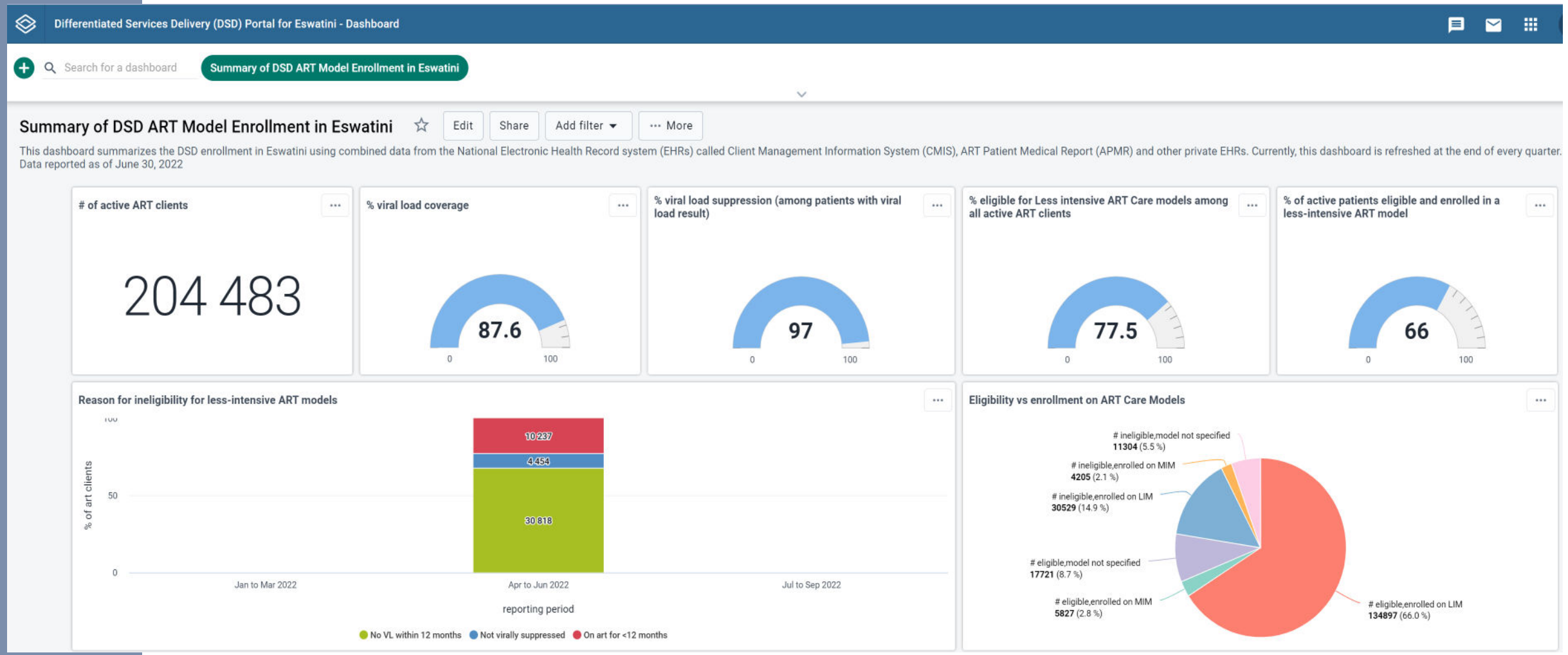
ESWATINI DSD DASHBOARDS ON DHIS 2



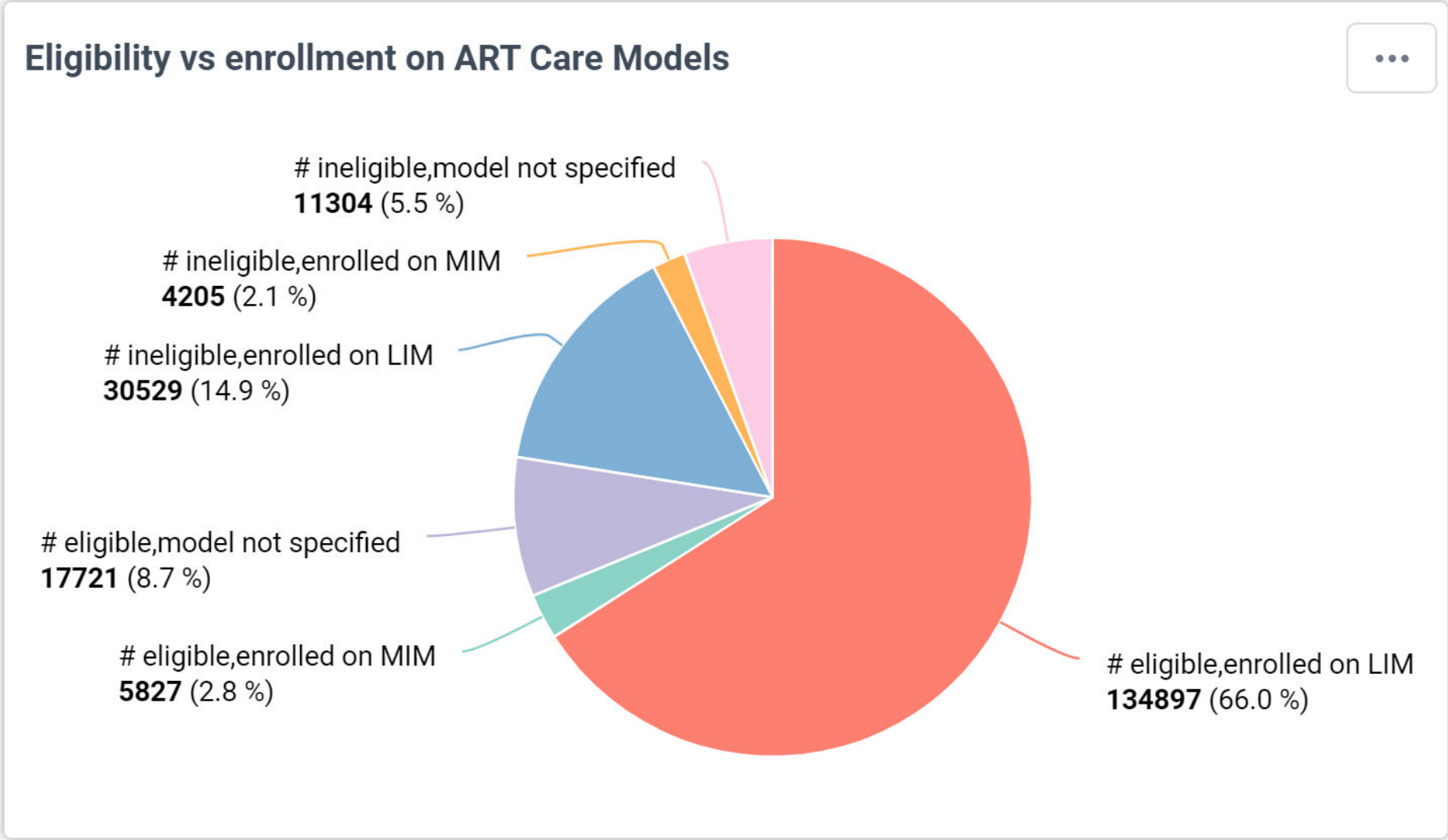
HOW IS DATA EXPORTED TO DSD DASHBOARD ON DHIS 2

- Initially only data from CMIS supported health facilities was used for visualization thus only providing ~ 80% of national picture
- As of 2022, consolidated dataset with CMIS, APMR, Paper-based etc. Is used which provides entire national performance (with some limitations).
- Indicators visualised include but not limited to ;
  - DSD enrolment by category / type
  - Eligibility by DSD model
  - PLHIV on ART at reporting period
  - VL coverage among active PLHIV clients
  - ART drug pick-up

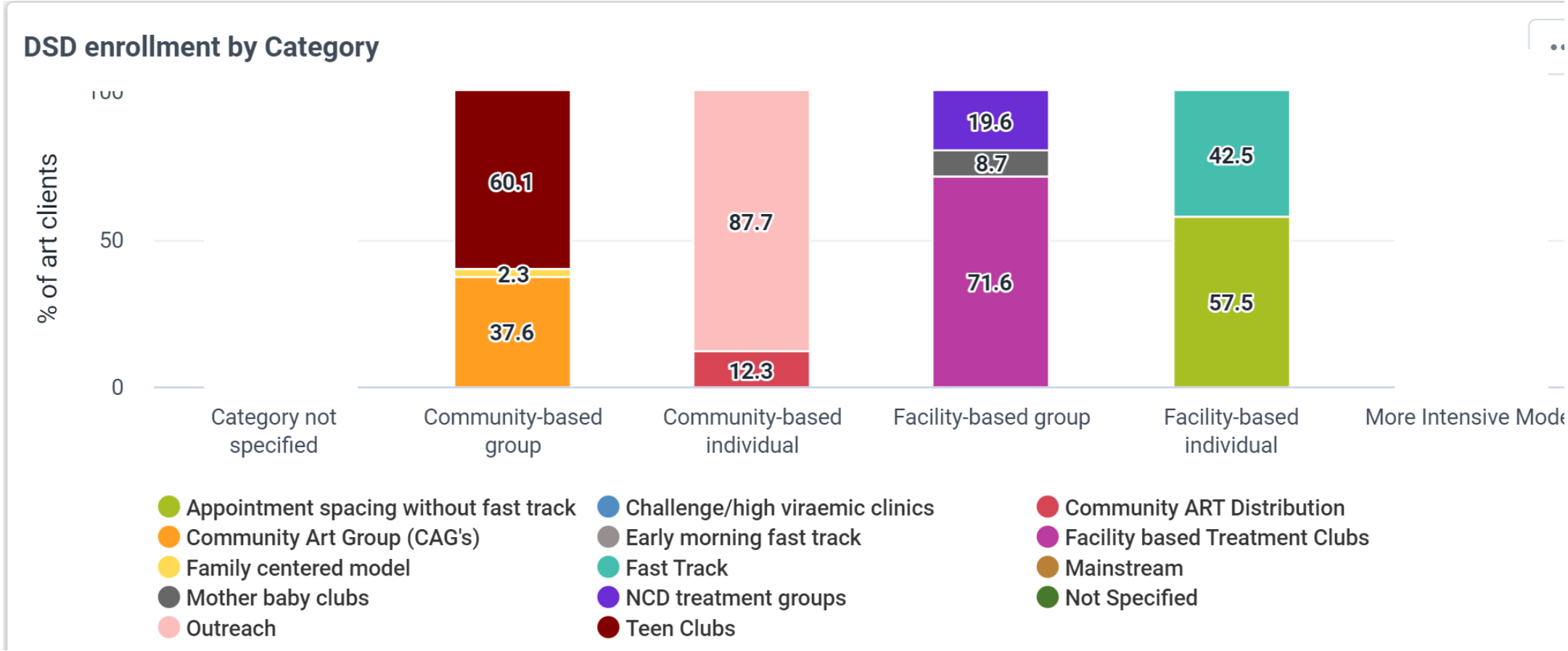
SCREENSHOTS OF ESWATINI DSD DASHBOARDS



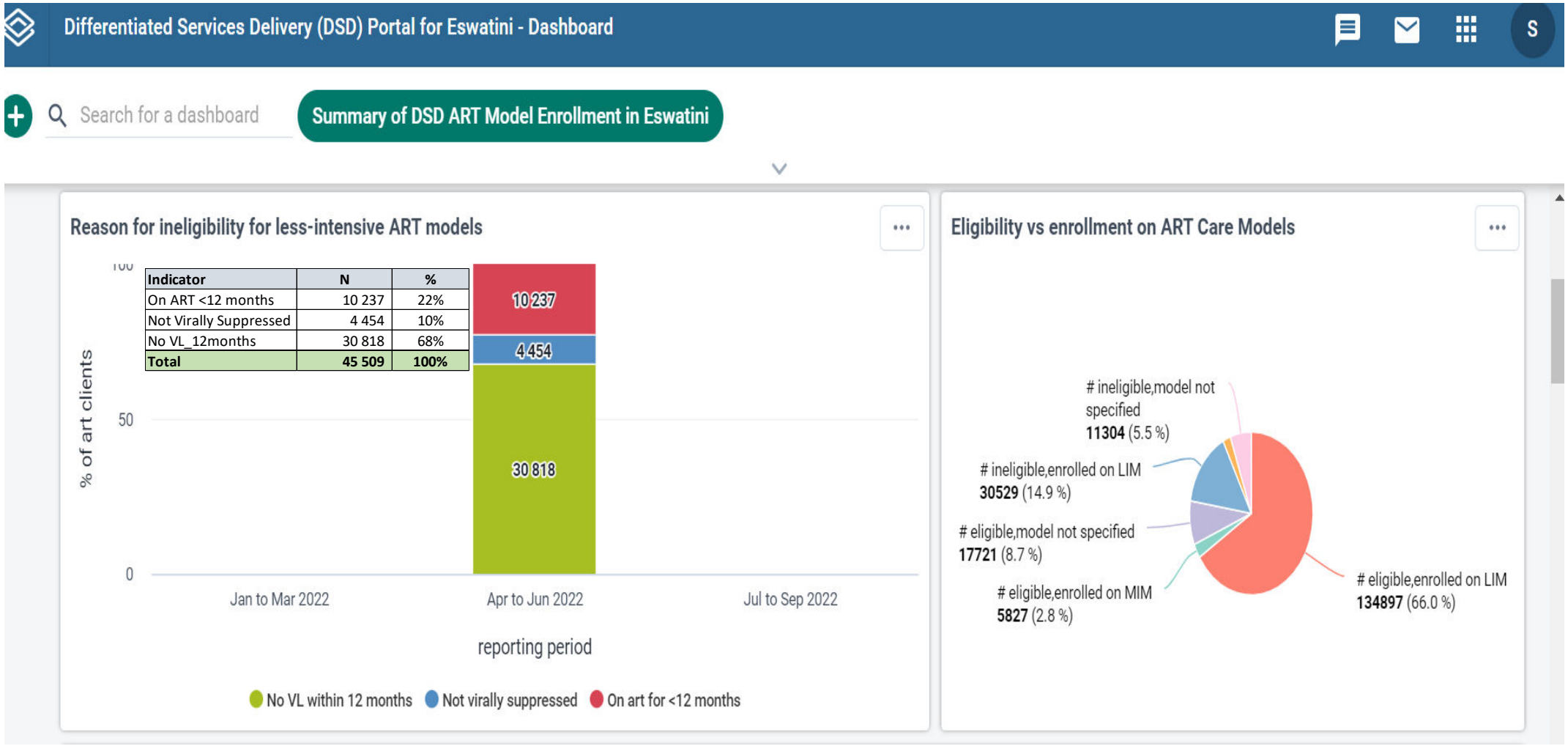
SCREENSHOTS OF ESWATINI DSD DASHBOARDS



SCREENSHOTS OF ESWATINI DSD DASHBOARDS



SCREENSHOTS OF ESWATINI DSD DASHBOARDS



WHAT IS NEXT?

- Include more indicators such as retention in care vs ART care model
- Updating with additional data so as to create trends
- Once final, share dashboards and provide user rights to Officers within national AIDS Program.

Thank you!