

# AHD in Zimbabwe: Hub and Spoke

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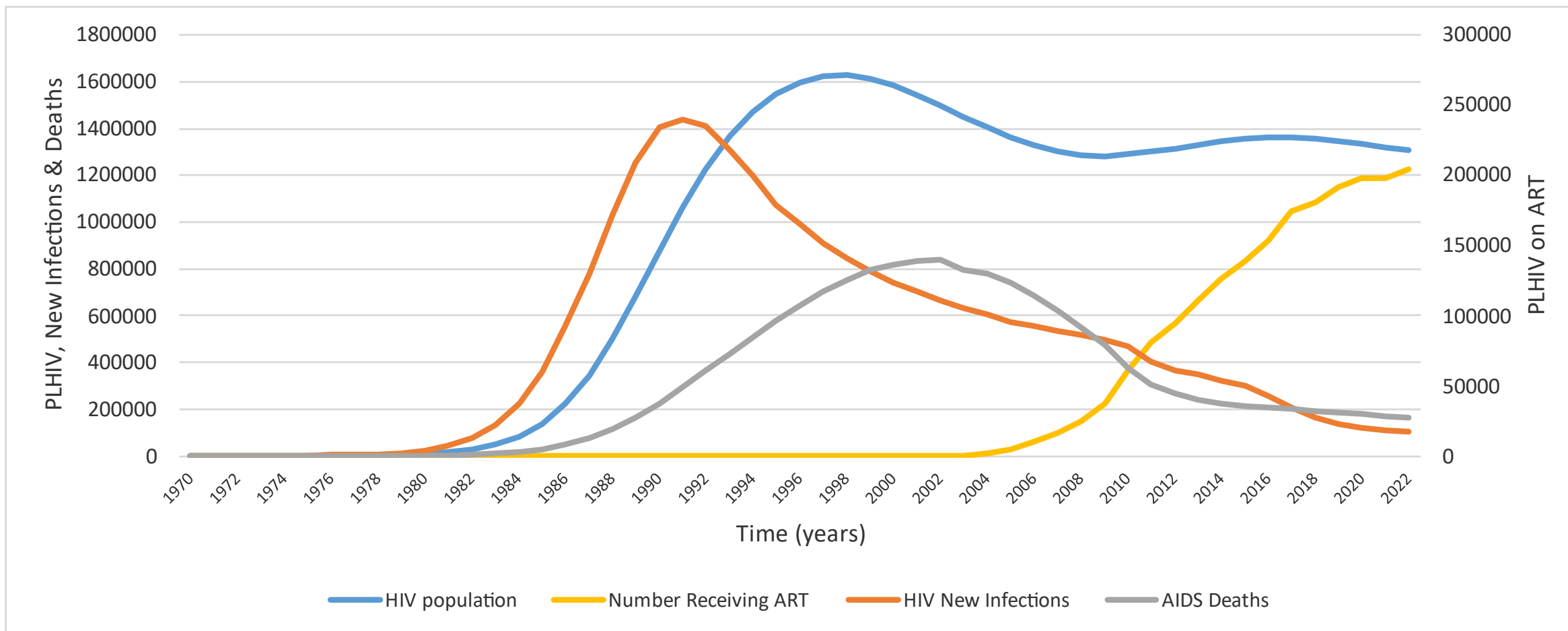


# Epidemiology of HIV in Zimbabwe

- **Zimbabwe has a high burden of HIV/AIDS & TB**
  - 1,3M PLHIV (2021 estimates)
  - 1,22 M Adults (15+ Years)
  - 77,000 Adolescents (10-19 Years)
  - 72,000 Children (0-14 Years)
- **HIV Prevalence: 11.8% (15-49 age group)**
  - Female 14.8%
  - Male 8.6%
- **HIV Incidence: 0.45% in 2020 (ZIMPHIA, 2020)**
  - Down from 1.42% in 2011, and 0.98% in 2013



# HIV Population, New Infections, AIDS Deaths and Number Receiving ART



**The country is on track to reach epidemic control**

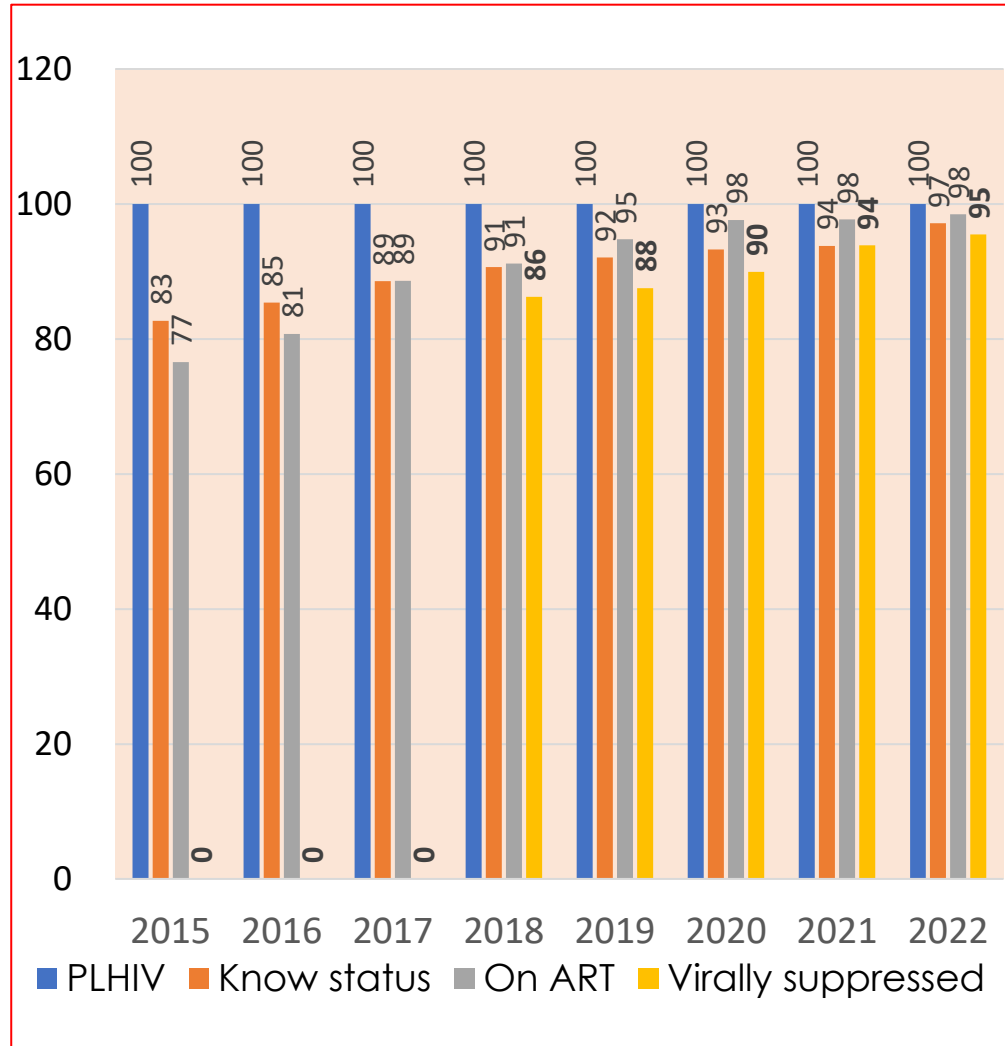
# Clients on ART by Regimen, June 2023

Output	Primary Care Level	District / Mission Hospitals	Provincial Hospitals	Central Hospitals	Total
Total HIV pts in Care	990,953	197,886	24,613	33,649	<b>1,247,101</b>
Number on ART	<b>990,267</b>	<b>197,726</b>	24,585	33,603	<b>1,246,181</b>
Number Newly initiated on ART	29,904	5,093	887	1,092	<b>36,976</b>
<b>Number of patients on:</b>					
First line	964,638	183,807	22,526	27,005	<b>1,197,976</b>
Second line	25,617	13,669	2,009	6,362	<b>47,657</b>
Third line	12	250	50	236	<b>548</b>

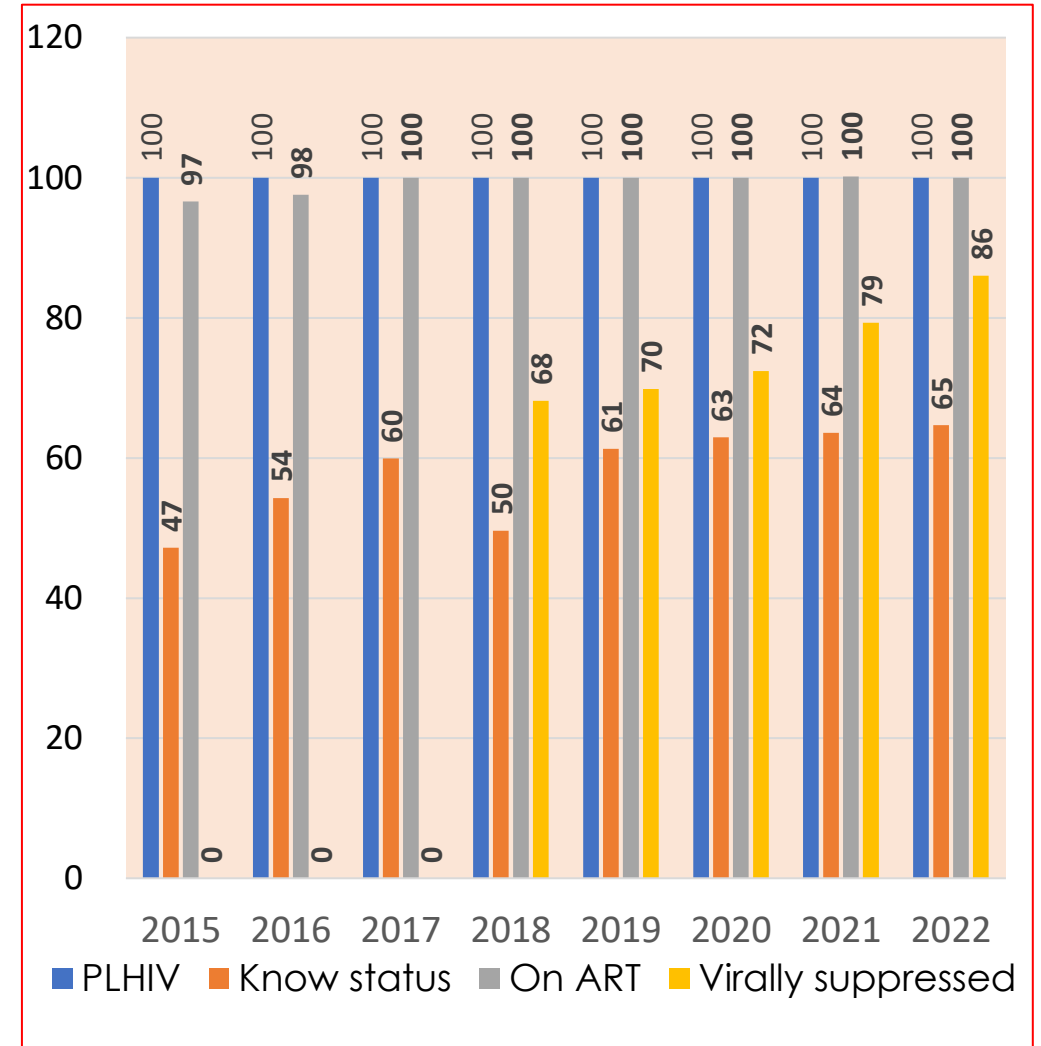
Source: DHIS 2, 2023

**79.5%** and **15.9%** on ART at Primary Care Level and District/Mission Hospitals respectively  
**548** on 3rd line ART

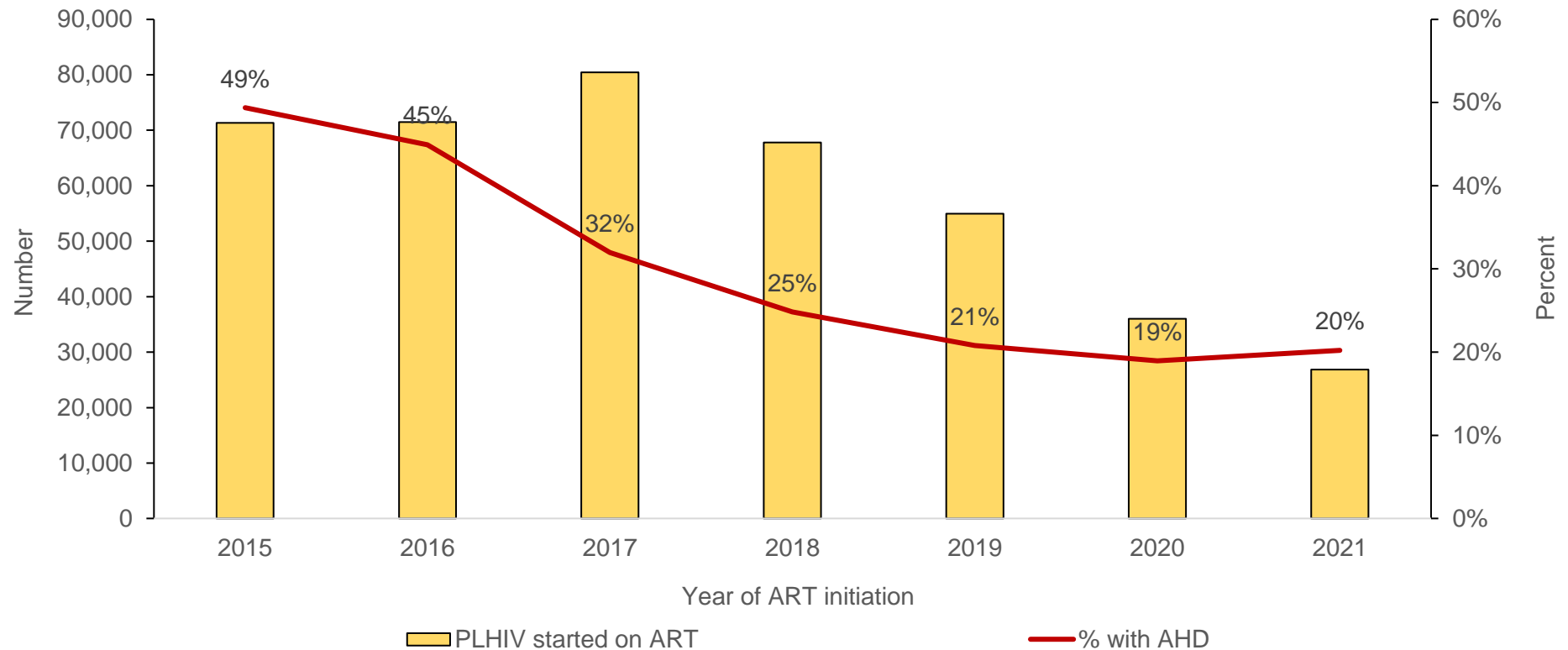
## National Treatment Cascade and Progress towards 95-95-95 Targets: Adults (97-98-95)



## National Treatment Cascade and Progress towards 95-95-95 Targets: Children (65-100-86)



## AHD among PLHIV initiating ART, 2015- 2021



- Declining trend in AHD prevalence from 2015 to 2021 among PLHIV.
- In 2021, about a fifth of PLHIV initiating ART had AHD using both CD4 testing (CD4 < 200) and WHO staging (WHO Stage 3 and 4)
- 95% of PLHIV have a recorded WHO clinical stage at initiation

# AHD Demonstration Projects 2021-2022



## Implementation:

**24 facilities** supported by CHAI and **10 sites** supported by EGPAF introduced the AHD package of care which included OI screening commodities (**VISITECT, CrAg test and TB-LAM**) in all the 34 facilities. Trainings and site support supervisory visits conducted regularly at these demonstration sites.



## Mentorship & Capacity Building

Supported the implementation of the mentorship and capacity building on AHD at the demonstration sites



## 5FC and L-Amp

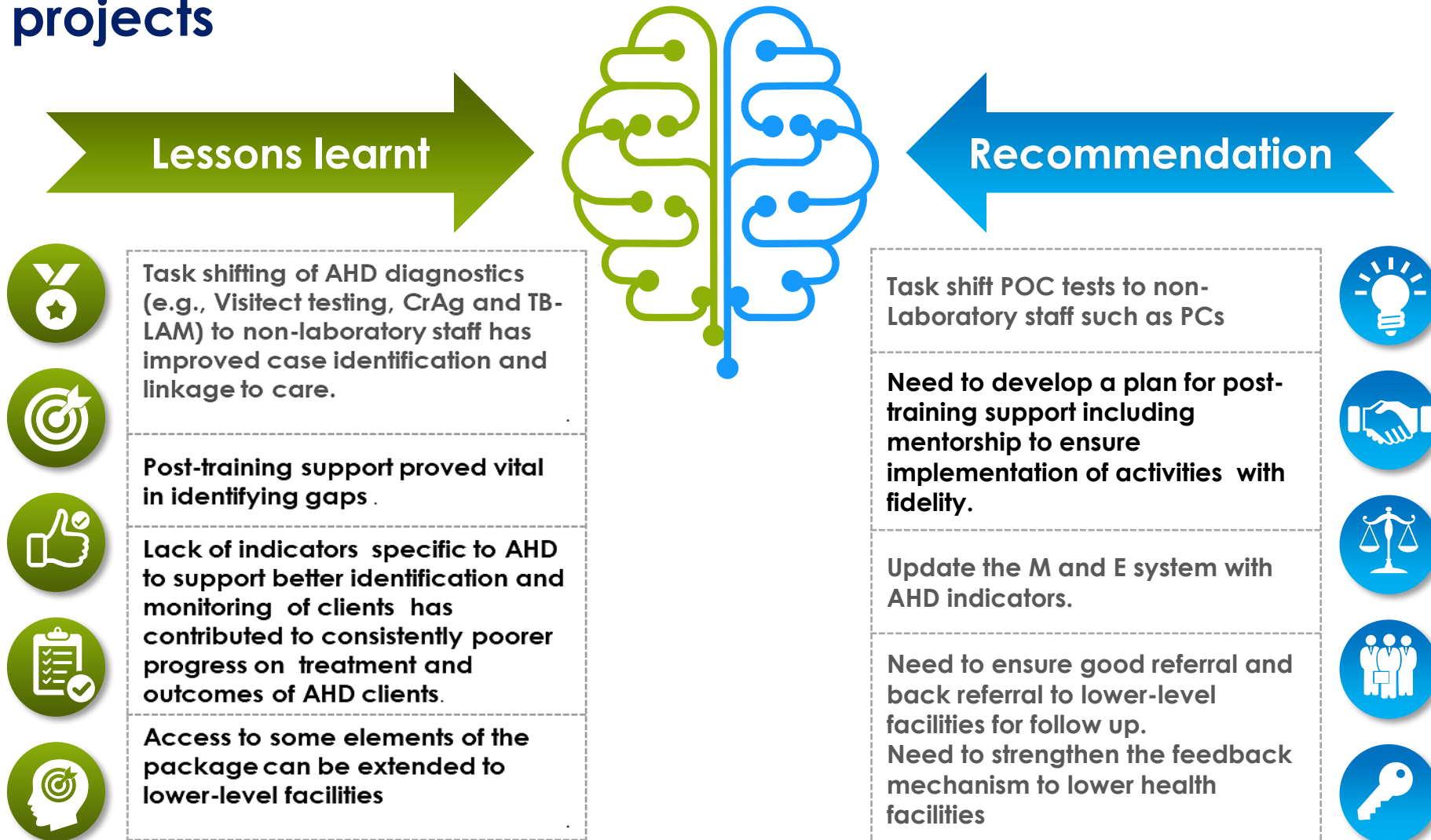
Procured 5FC and L-amp to be used at these demonstration sites



## M&E:

Provided commodities through an informed push system and monitored commodities consumption through direct reporting from sites.

# Lessons learnt and recommendations from demonstration projects





# Scale-up of the Advanced HIV POC in Zimbabwe in 2022-2023

## Healthcare worker capacity building

To date the AHD POC has been scaled up to **914 out of 1,800 (51%) health facilities**

There are **1,650 HCW** trained (doctors, nurses, primary counsellors, pharmacists, laboratory scientists)

Mentorship and support and supervision integrated with the routine HIV supervision

## Hub and Spoke

All 914 facilities were trained to offer CD4, CrAg and TB LAM

All primary level facilities act as the spokes while the district hospitals are the hub

Services offered at hub include CSF investigations for patients with CrAg positive results and management of patients with cryptococcal meningitis. Hub also has a conventional CD4 test machine. Average of 30-40 spokes per hub

## Challenges

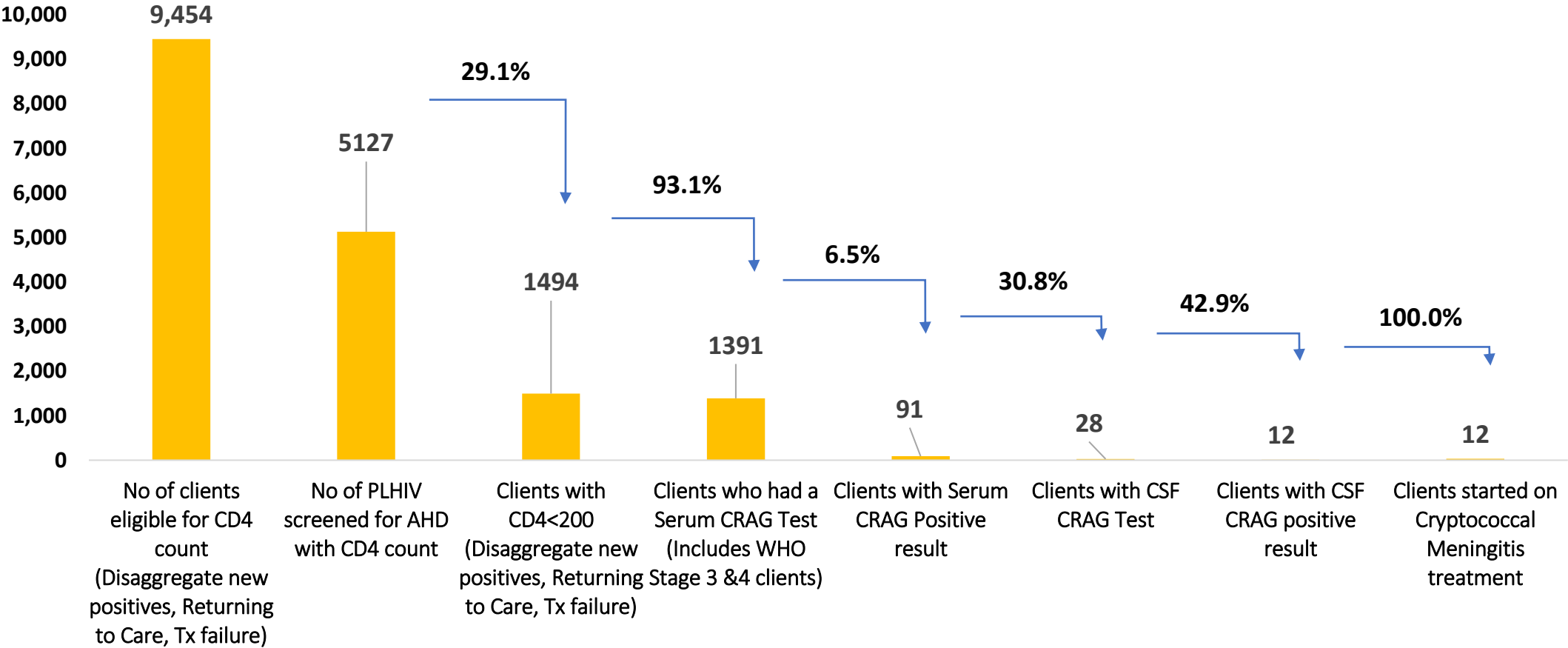
Stock outs of commodities (POC CD4)

Staff attrition (need for continuous training and mentorship)

Poor documentation of the AHD services

Electronic records not yet implemented in all facilities

# AHD Cascades in 189 facilities from September 2022-June 2023

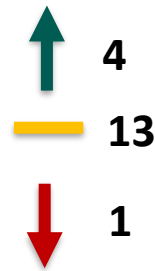


# AHD Capability Maturity Model Staging



# Zimbabwe AHD Dashboard 2023

AHD DOMAINS	2021	2023
Policies	Light Green	Light Green
Guidelines	Dark Green	Dark Green
AHD Scale-up Plan	Orange	Orange
SOPs	Yellow	Dark Green
Coordination	Dark Green	Dark Green
ROC Engagement	Dark Green	Dark Green
Training	Light Green	Light Green
Diagnostic Capability 1 (Identifying AHD)	Dark Green	Yellow
Diagnostic Capability 2 (Identifying OI)	Red	Yellow
Facility Coverage	Orange	Yellow
Client Coverage 1 (Testing for AHD)	Orange	Orange
Client Coverage 2 (OI screening)	Red	Light Green
Client Coverage 3 (OI prophylaxis)	Red	Red
Client Coverage 4 (OI management)	Red	Red
Supply Chain	Yellow	Yellow
M&E System	Yellow	Yellow
Quality	Orange	Orange
Impact	Red	Red



- Areas that improved include SOPs, diagnostic capability 2, client coverage 2 and facility coverage due to an increase of number of facilities trained and providing AHD services
- Client coverage 3 and 4 red due to insufficient information available: updated tools end of Q3 2023 and MOHCC is in process of expanding the eHR
- National AHD Quality Standards developed but have not been used in any evaluations

# Activities planned for AHD

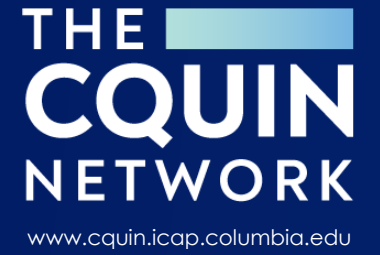
Scale-up the AHD package trainings to all facilities

Increase demand for AHD services by working with PLHIV

Mobilize resources for AHD commodities and medicines

Quality improvement for AHD services

Conduct AHD evaluation



Thank you!

