

# Kenya Country Update

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July 10, 2024

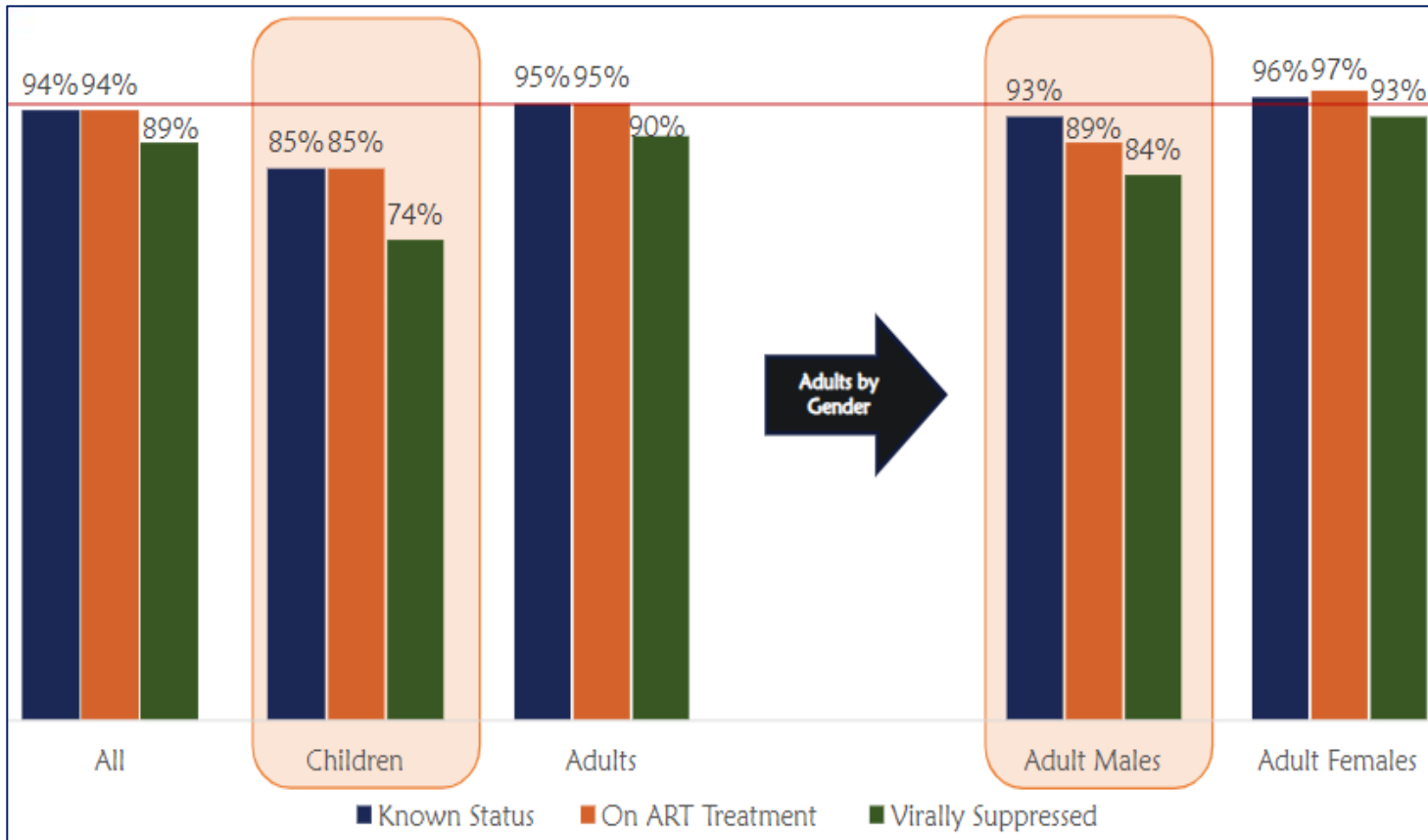


# Presentation Outline

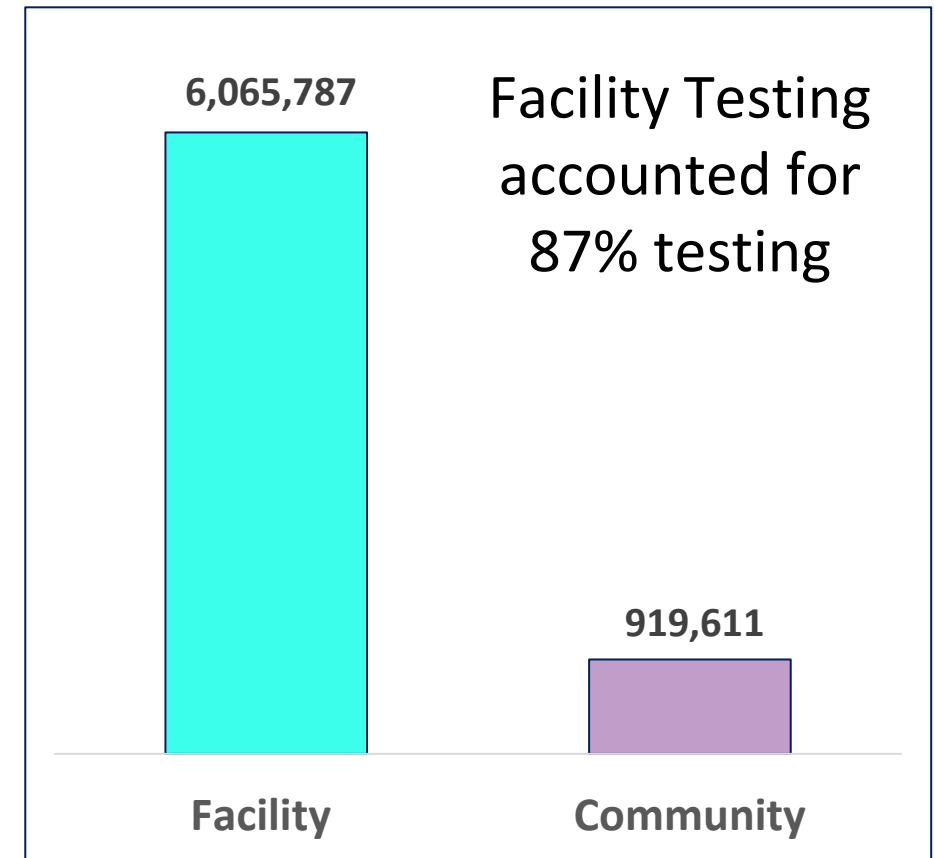
- Country background
- Progress on implementing 2023 action plans
- 2024 dHTS CMM self-staging results
- DHTS CMM results – 2023 vs 2024
- Activities that influenced the 2024 CMM results - engagement with CQUIN and other stakeholders on dHTS
- 2025 dHTS CMM priority activities and projected scores
- Cross-learning topics of interest in 2024
- Acknowledgements

# Kenya Country Background - Apr 2023-Mar 2024

Kenya 95-95-95 Cascade (Source - Estimates, KHIS)

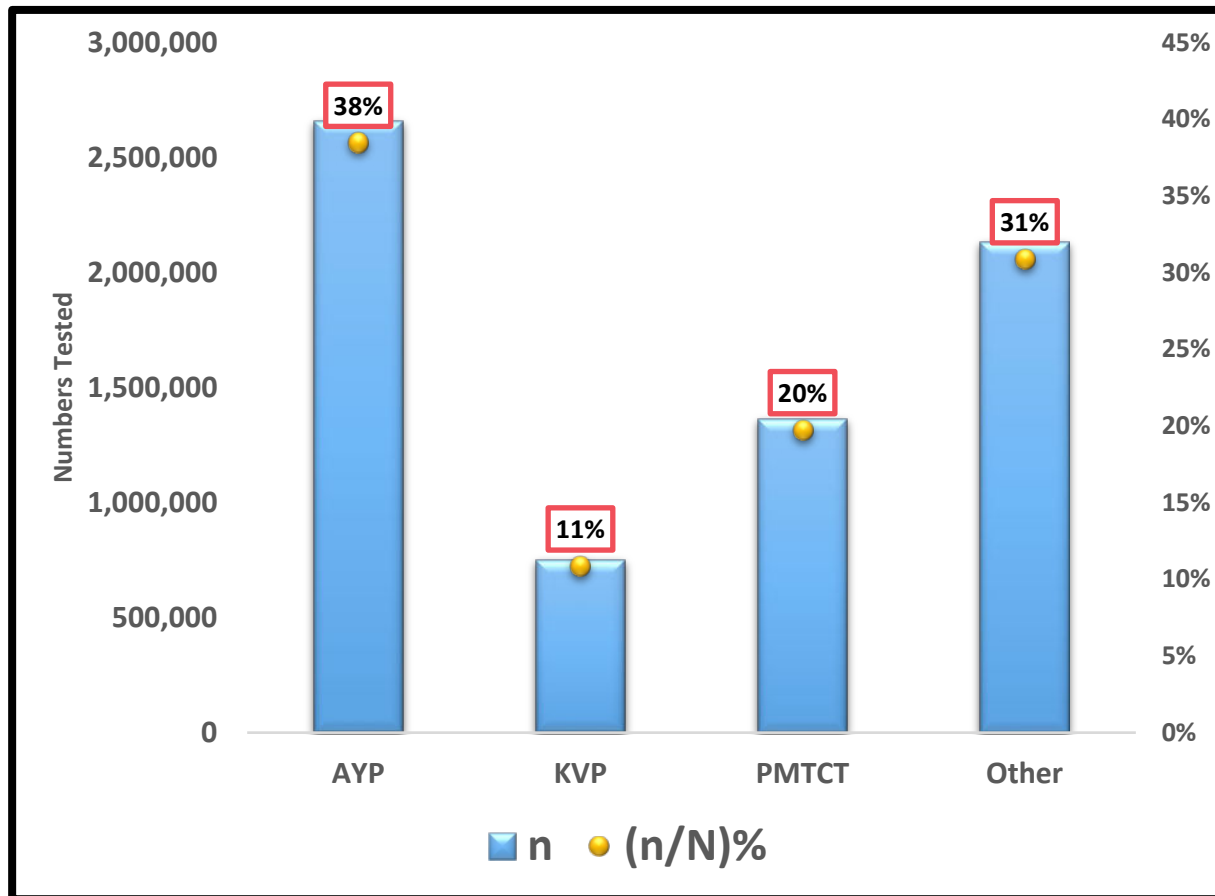


Country Testing Model Mix (Source - KHIS)

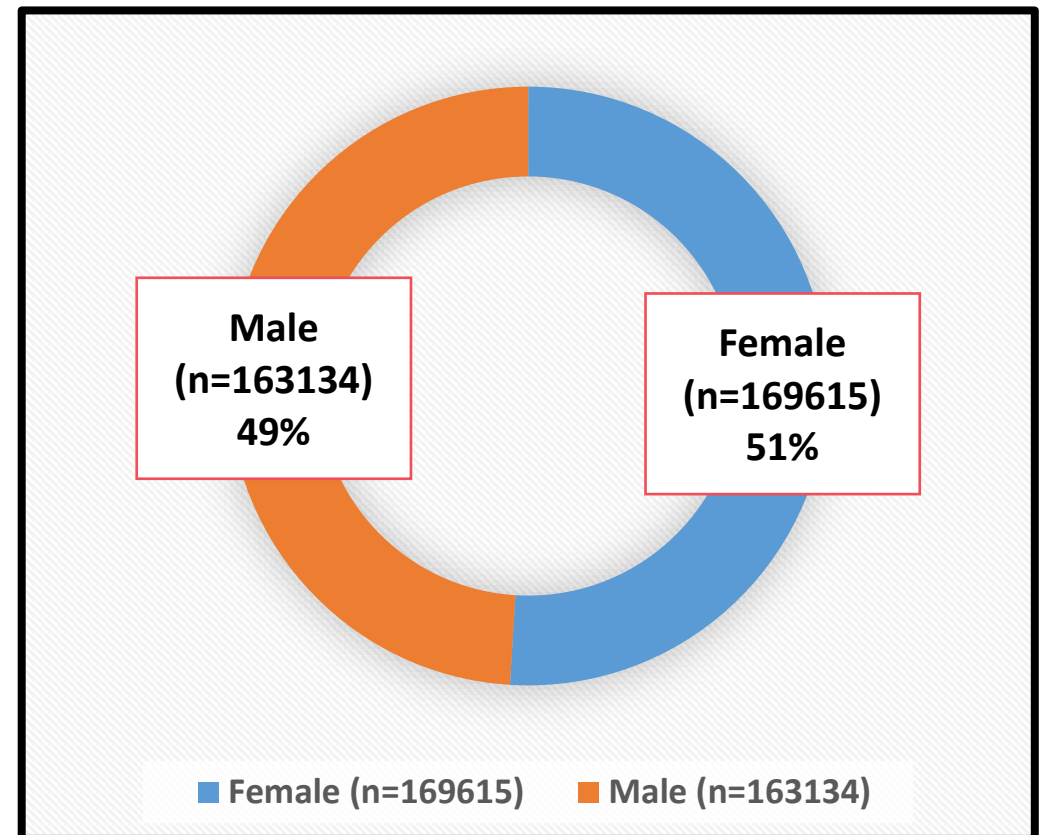


# Kenya Country Background - Apr 2023-Mar 2024, cont'd

Testing Among Priority Sub-populations (N=6,908,231)  
(Source KHIS)



HIV Self-Testing (N=332,749)  
(Source DATIM)



# Kenya Country Background - Apr 2023-Mar 2024, cont'd

Modality (Source - DATIM)	No. Tested	% of Total Tests	No. Pos	% Pos
Index	257,775	4.4%	27,447	10.6%
TB Clinic	60,759	1.0%	5,111	8.4%
SNS	117,606	2.0%	3,760	3.2%
Emergency Ward	4,380	0.1%	114	2.6%
SNS Mod	1,442	0.0%	35	2.4%
Inpat	104,731	1.8%	2,094	2.0%
Other PITC	2,186,167	37.2%	31,955	1.5%
STI Clinic	5,189	0.1%	70	1.3%
VCT	492,731	8.4%	6,642	1.3%
Pediatric	3,443	0.1%	37	1.1%
PMTCT ANC	994,329	16.9%	10,334	1.0%
VCT Mod	18,551	0.3%	87	0.5%
Mobile Mod	98,666	1.7%	273	0.3%
Post ANC1	608,244	10.3%	1,496	0.2%
PMTCT Post ANC1 Pregnant/L&D	427,457	7.3%	731	0.2%
PMTCT Post ANC1 Breastfeeding	362,299	6.2%	581	0.2%
OtherMod	117,752	2.0%	150	0.1%
VMMC	17,366	0.3%	3	0.0%
Malnutrition	189	0.0%	-	
	<b>5,879,076</b>	<b>100%</b>	<b>90,920</b>	

**Testing Disaggregated by Modality**  
(Source - DATIM)

# Progress on implementing 2023 action plans: Activities where progress was achieved

Domain	Activity	Progress made by March 31, 2024
Coordination	<ul style="list-style-type: none"> <li>Review national HTS TWG TOR to include recipients of care /services to enhance coordination, planning</li> </ul>	<ul style="list-style-type: none"> <li>Completed</li> </ul>
Policy - Optimizing HIV Testing	<ul style="list-style-type: none"> <li>Roll out of national 3-test HTS algorithm</li> </ul>	<ul style="list-style-type: none"> <li>Post validation - TOT training completed, HCWs trainings started</li> </ul>
Private Sector Engagement	<ul style="list-style-type: none"> <li>Finalization and dissemination of Kenya Private Sector Engagement Framework (PSEF)</li> </ul>	<ul style="list-style-type: none"> <li>Finalized and disseminated</li> </ul>
Training	<ul style="list-style-type: none"> <li>Finalization and dissemination of NASCOP HTS Operational Manual</li> </ul>	<ul style="list-style-type: none"> <li>Finalized, dissemination began</li> </ul>

# Progress on implementing 2023 action plans: Activities where progress/implementation has delayed

Domain	Activities Prioritized	Reasons for implementation delay	Plans for remediation
Monitoring and Evaluation	<ul style="list-style-type: none"> <li>Review the eHTS module (EMR) to capture linkage to prevention</li> </ul>	<ul style="list-style-type: none"> <li>Process began but not completed due ongoing customization</li> </ul>	<ul style="list-style-type: none"> <li>Plans to fast track, re-prioritize</li> </ul>
Scale up plan	<ul style="list-style-type: none"> <li>Development of Country DHTS action plan</li> </ul>	<ul style="list-style-type: none"> <li>Country consensus on development of scale up plan</li> </ul>	<ul style="list-style-type: none"> <li>Prioritized in 2024</li> </ul>
Quality of HTS	<ul style="list-style-type: none"> <li>Inclusion of dHTS elements in DSD Performance Review</li> </ul>	<ul style="list-style-type: none"> <li>Delay of DPR implementation - approval of resources</li> </ul>	<ul style="list-style-type: none"> <li>Completion in July 2024</li> </ul>

# 2024 dHTS CMM Results

	Community Engagement			
Policy: Strategic Model Mix	Procurement/supply chain			
Policy: Optimizing HIV Testing <sup>2</sup>	Population Coverage			
Policy: Linkage	Linkage to Tx: Timely Linkage		Scale-up Plan	Private Sector Engagement
Finance/resource allocation	Linkage to Prevention		dHTS Training	Impact: Knowledge of Status
Coordination	EQA/IQC		M&E	Impact: Linkage to Tx
Clinical Services	Proficiency Testing	SOPs	Linkage to Tx: Verification	Impact: Linkage to Prevention
Most mature domains			Least mature domains	

## Observations

- 5 domains scored dark green while 7 scored light green
- Progress currently being made to improve the domains scored yellow/Orange (SOPs – finalization of DSD manual, training - ongoing, M&E - leveraging on EMR systems, Scale up plan – prioritized)
- 4 domains scored red : Country will continue prioritizing availability of data as well as interventions to optimize coverage for all



# dHTS CMM Results - 2023 vs 2024

	Kenya	
	2023	2024
Policy: Strategic Model Mix	Green	Green
Policy: Optimizing HIV Testing	Green	Green
Policy: Linkage	Green	Green
Finance/Resource Allocation	Green	Green
SOPs	Yellow	Yellow
Scale-up Plan	Orange	Orange
Community Engagement	Red	Light Green
Private Sector Engagement	Red	Red
Coordination	Yellow	Green
dHTS Training	Orange	Orange
M&E	Orange	Orange
Procurement/Supply Chain	Yellow	Light Green
Population Coverage	Yellow	Light Green
Linkage to Tx: Timely Linkage	Orange	Light Green
Linkage to Tx: Verification	Orange	Orange
Linkage to Prevention	Orange	Light Green
EQA/IQC	Yellow	Light Green
Proficiency Testing	Green	Light Green
Clinical Services	Green	Green
Impact: Knowledge of Status	Red	Red
Impact: Linkage to Tx	Red	Red
Impact: Linkage to Prevention	Red	Red

## Observations

- Improvement noted across 7 domains between the CMM of 2023 & 2024
- Country has continued prioritizing the domains that have stagnated

# Key Lessons Learned over the Past Year

## Facilitators and Barriers/Challenges

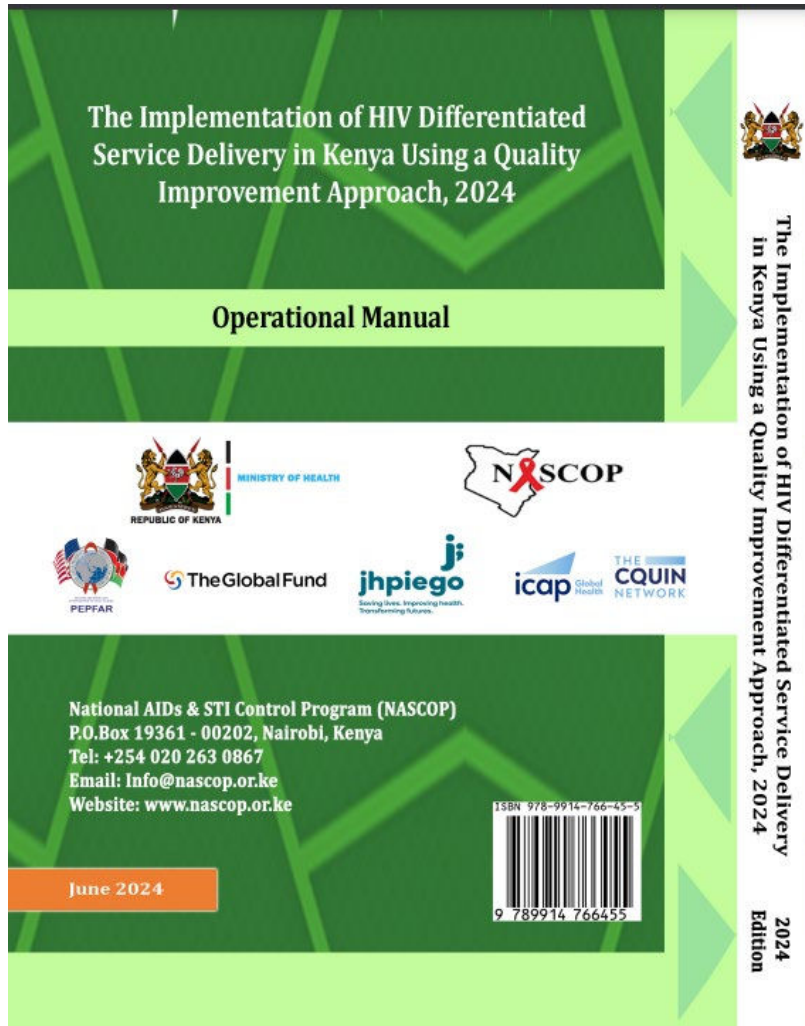
### Facilitators

- Strong policy
- MoH leadership and coordination
- Stabilized supply chain of HIV testing commodities
- HRH capacity - well trained staff
- Processes for quality management
- Active and vibrant TWG
- Good collaboration with communities esp. KVP

### Barriers/Challenges

- Children, AYP and men lagging in the 1st 95 coverage
- Missed testing opportunities - index testing for all ages, men, AYP retesting in PMTCT program
- Sub-optimal linkage to treatment and prevention
- Intermittent availability of prevention commodities (condoms & STI drugs)
- Suboptimal uptake of available digital systems – eHTS, ML, UPI
- Data quality gaps – reporting gaps, accuracy, PEP

# Engagement with CQUIN and Other Stakeholders on dHTS



- Kenya is an active member of the dHTS Community of Practice (COP)
- CQUIN technical assistance for finalization of Kenya DSD operational manual (includes dHTS and PrEP)
- CQUIN technical assistance during dHTS CMM sensitization and staging
- Participation in quarterly webinars
- No Country-to-Country visits were undertaken during the last year

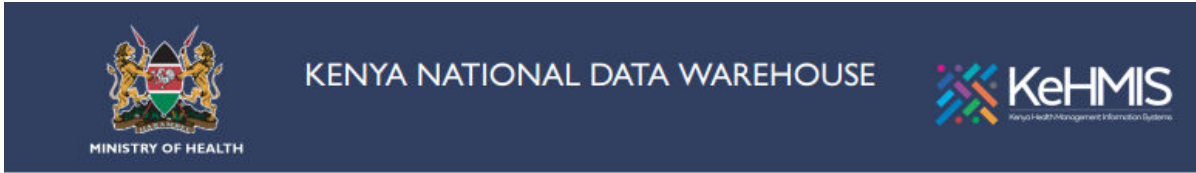
# 2025 dHTS CMM Priority Activities and Projected Scores

Domain	2024 score	2025 Aspirational score	Planned actions
SOPs	Yellow	Dark Green	<ul style="list-style-type: none"> <li>Dissemination of the Kenya DSD Operational Manual</li> </ul>
Scale Up Plan	Orange	Dark Green	<ul style="list-style-type: none"> <li>Engage stakeholders to develop and implement a dHTS scale up plan</li> </ul>
Linkage to Treatment & Prevention	Red	Light Green	<ul style="list-style-type: none"> <li>Optimize M&amp;E systems by sup-population</li> <li>Prioritize interventions by sub-population with low coverage</li> </ul>

# Cross-Learning Topics of Interest in 2024

- Engagement of caregivers-self-testing to optimize testing in children
- Strategies to optimize testing and linkage to prevention/treatment for men
- Utilization of machine learning in EMR systems for risk assessment for prevention

# Leveraging on Kenya EMR Machine Learning – Risk Stratification for Linkage to Prevention



## SUBJECT IN FOCUS: Machine learning (ML) features that identify high risk negative clients for preventive services

Data as received at The National Data Warehouse from HIV clinics in Kenya as of 15th April

- Outline**
- Introduction
  - Value Proposition
  - Results
  - Recommendations



	Highest risk	High risk	Medium risk	Low risk	Total
No. of Tests	54,756	137,365	385,255	521,174	1,098,550
No. of negatives	49,812 (90.97%)	132,059 (96.14%)	377,835 (98.07%)	517,328 (99.26%)	517,328 (99.26%)
No. of negatives (higher risk categories)	559,706 (96.94%)				
Enrolled in PrEP (%)	3,666 (7.36%)	7,569 (5.73%)	16,966 (4.49%)	13,941 (2.69%)	42,142 (3.91%)
Enrolled in PrEP (higher risk categories)	28,201 (5.04%)				

**Table 3: Clients enrolled in prevention services under each risk category by county**

County	Negatives within the higher risk categories	Enrolled in PrEP	% Enrolled
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# Kenya adopts three-test HIV diagnosis

A three-test HIV diagnosis typically involves a sequential process of conducting three different types of tests to accurately detect the presence of the HIV virus in an individual's body.



BY SPECIAL CORRESPONDENT – JUNE 3, 2024 – UPDATED: JUNE 6, 2024 – NO COMMENTS – 4 MINS READ

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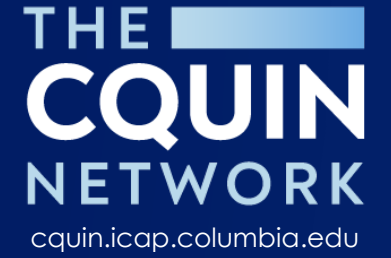
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# Acknowledgements







# Thank You!

