



# AWACC

## Data use in the Management and Improvement of Patient Outcomes

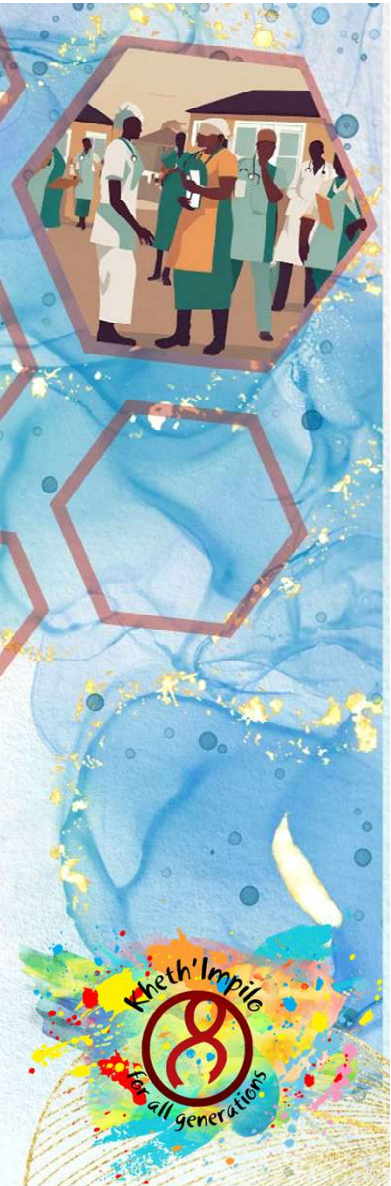


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Information Lead

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## Acknowledgement

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This has been made possible by

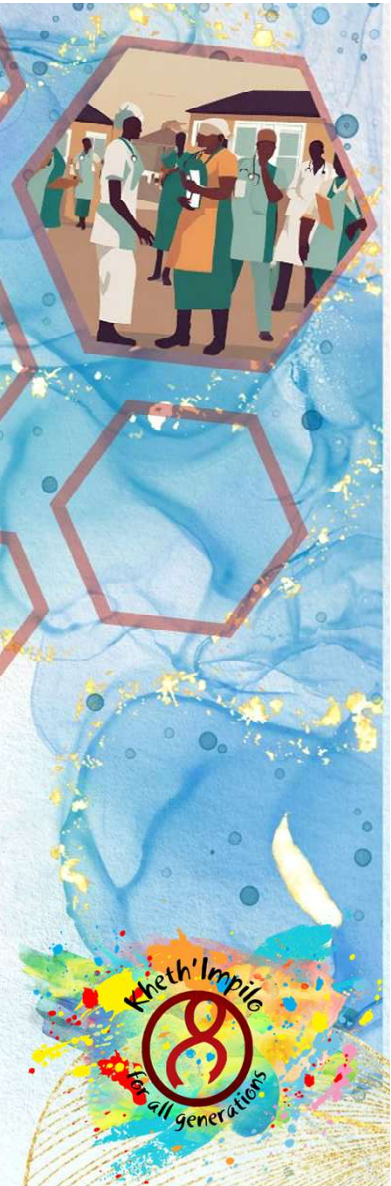


United States of America



U.S. CENTERS FOR DISEASE  
CONTROL AND PREVENTION

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# The ACC Model Explained

## WHAT

Provide innovative support to health care providers via virtual platforms and face-to face learning facilitated by expert clinicians.

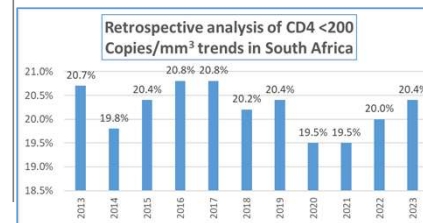


## WHO

- WHO clinical **Stage 3 or 4**
- **Children  $\geq 5$  years, Adolescents and adults with CD4 count  $< 200$  cells/mm<sup>3</sup>**
- **All CLHIV  $< 5$  years age (80% of all children starting ART have severe immunosuppression.**
- **Definition exclude All CLHIV  $< 5$  years established ART and stable for  $> 1$  year**

## WHY

- High-rate late HIV diagnosis according a 2024 study :
  - **20%** at CD4 count  $< 200$
  - **40%** at CD4 count  $> 500$
- High-rate Treatment Interrupters returning into care with AHD
- High number of Elevated VLs



\*\*Retrospective analysis of CD4 count trends in South Africa [Naseem Cassim](#), [Lindi-Marie Coetzee](#), [Manuel P da Silva](#), [Deborah K Glencross](#), [Wendy S Stevens](#)

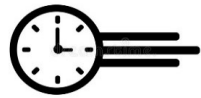
## HOW TO

- Refining existing protocols and guidelines for better utilization
- **Early recognition** of AHD patients using EWI (e.g. VL, CD4, WHO stage)
- Ensures *better* utilization of lab results/actioning and EAC
- Establish *strong* referral networks



# The ACC Model Explained

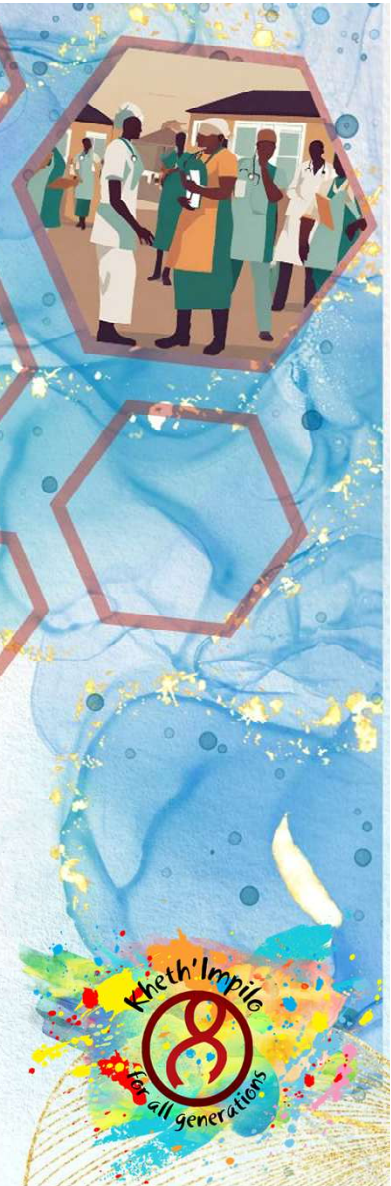
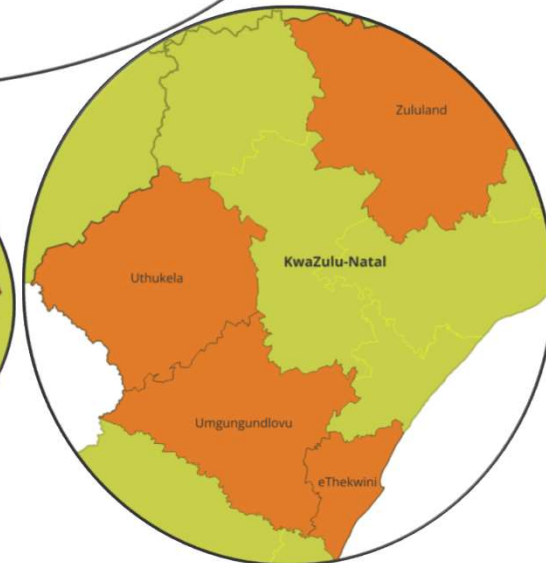
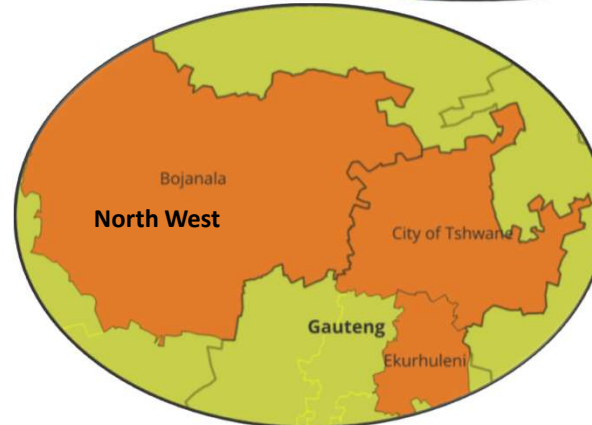
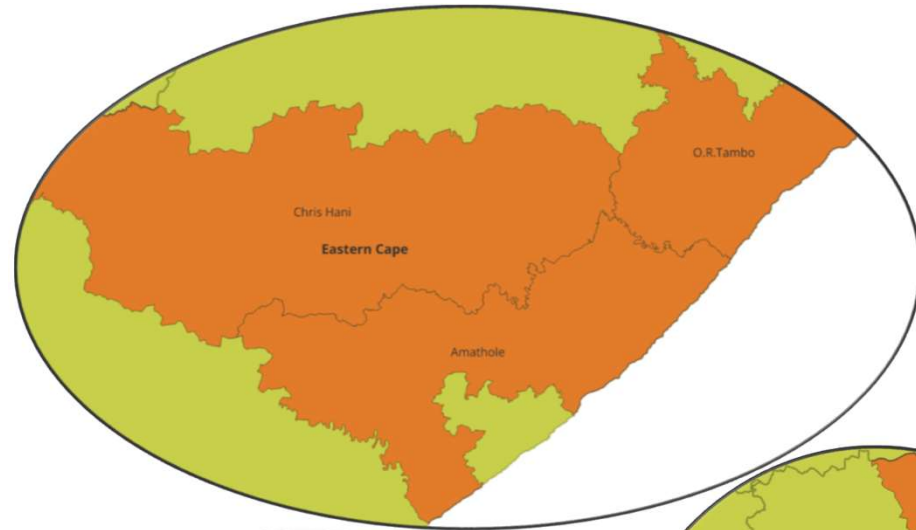
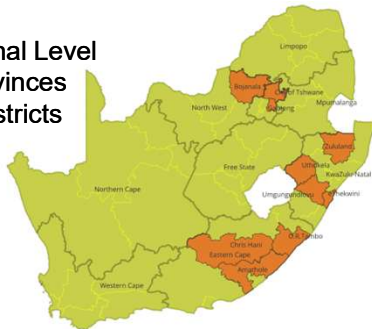
## WHERE & WHEN



Time-lines  
October 2020 to  
Sept 2026

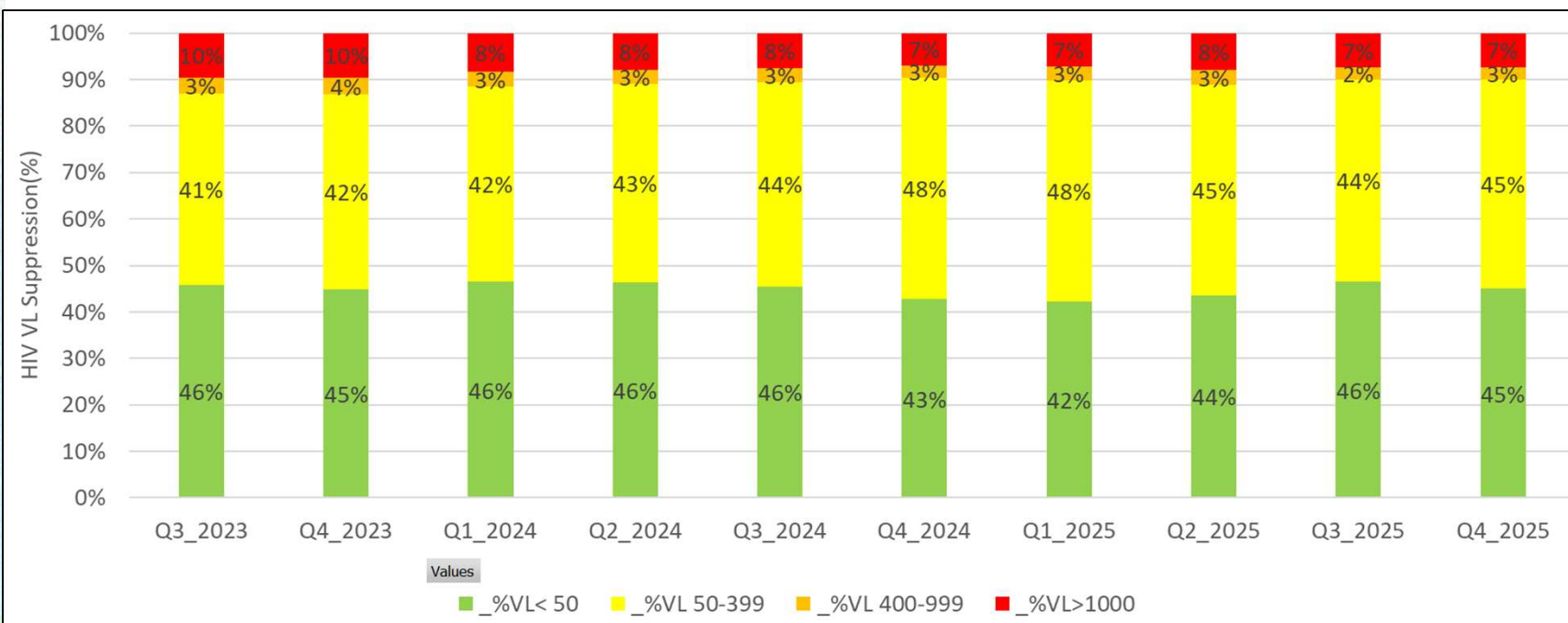


- At national Level
- In 4 provinces
- In 10 Districts

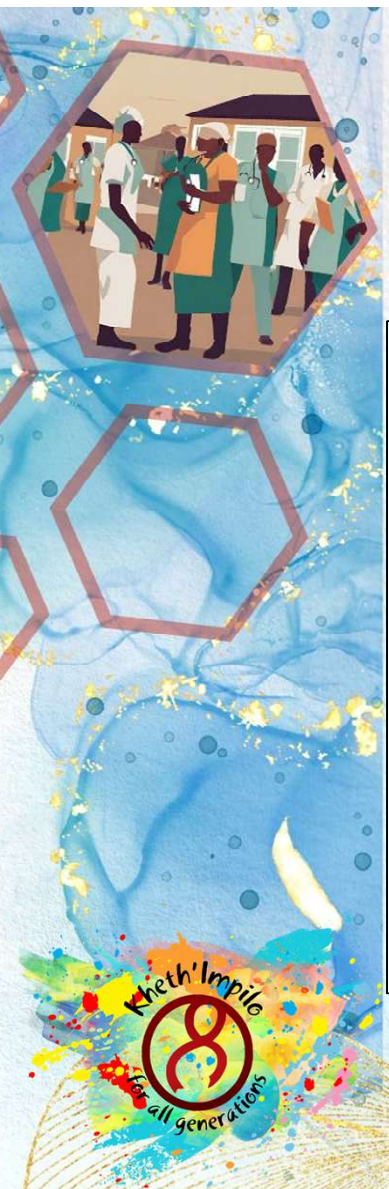


# All Supported Provinces, Apr-2023-August 2025, % HIV Viral Load Suppression

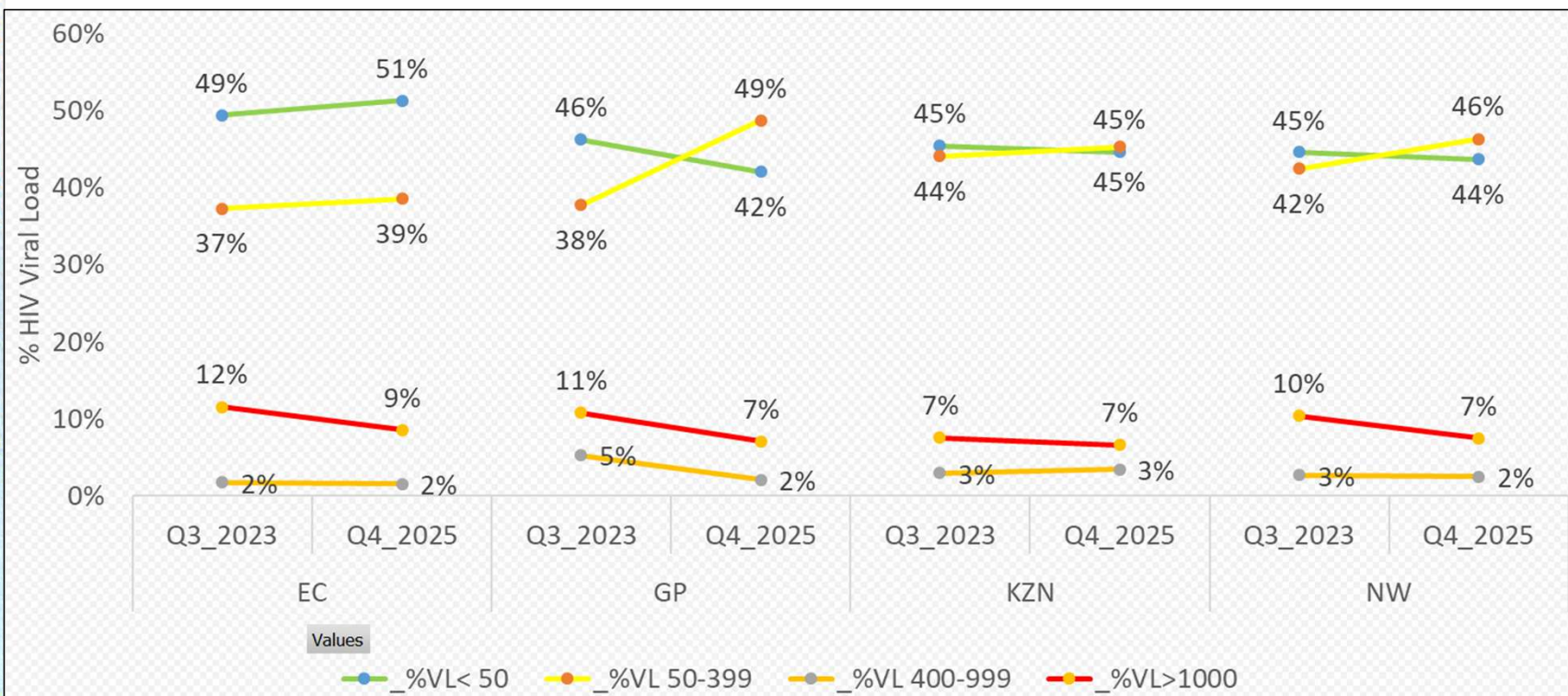
Quarter 1: Oct–Dec  
 Quarter 2: Jan–Mar  
 Quarter 3: Apr–Jun  
 Quarter 4: Jul–Sep



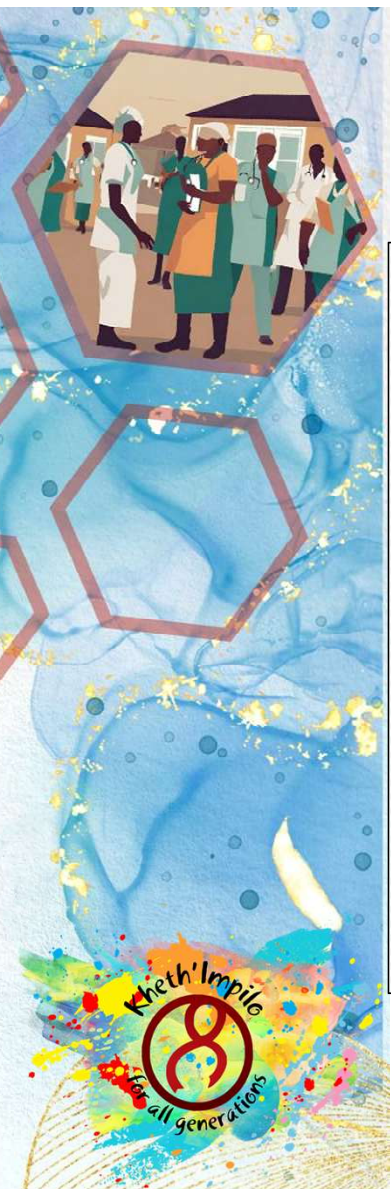
**\*\*Disclaimer:** This is not a reflection of the 95-95-95 but rather a percentage breakdown of the viral loads results by 0-49, 50-399, 400-1000 and >1000 based upon all viral loads done

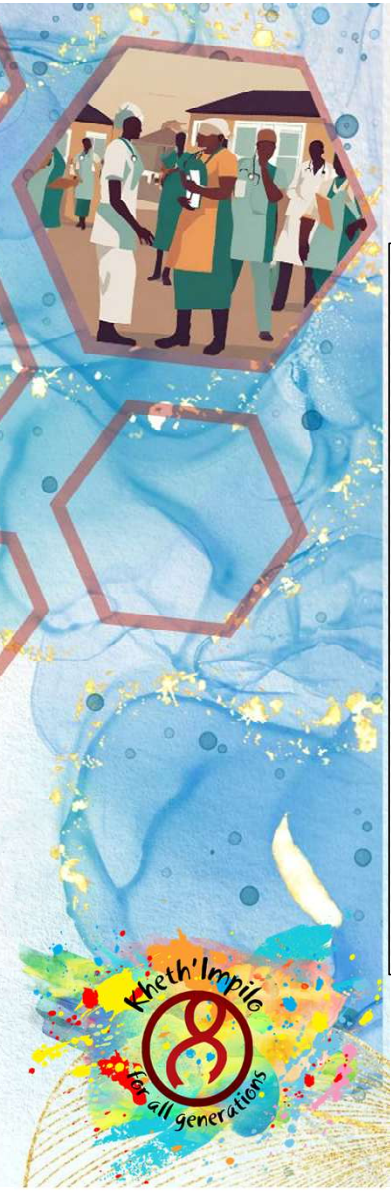


## Supported Provinces, Q3 2023 vs Q4\_2025, % HIV Viral Load Suppression

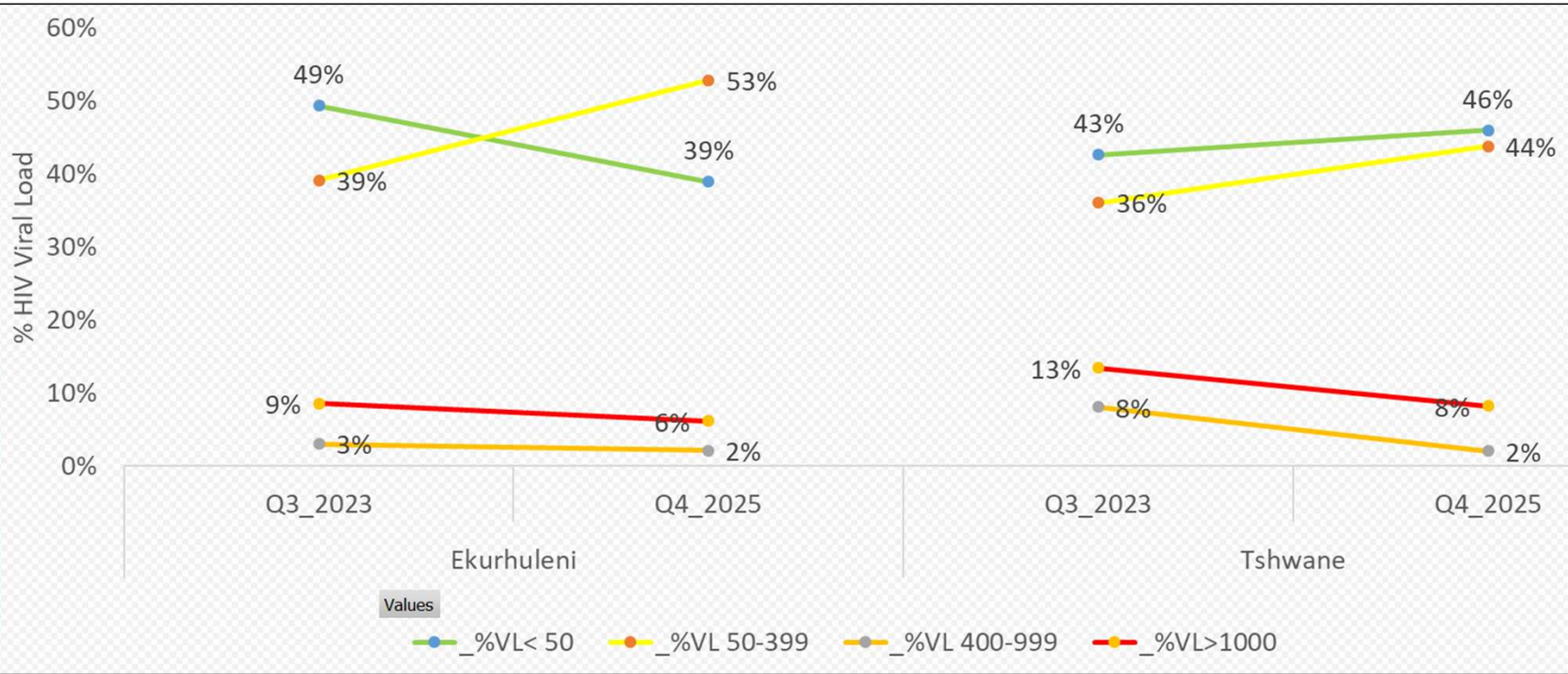


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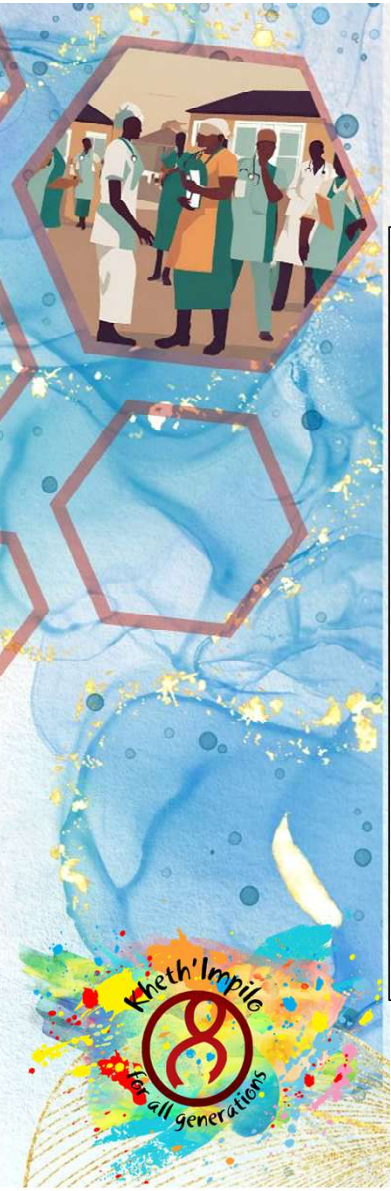




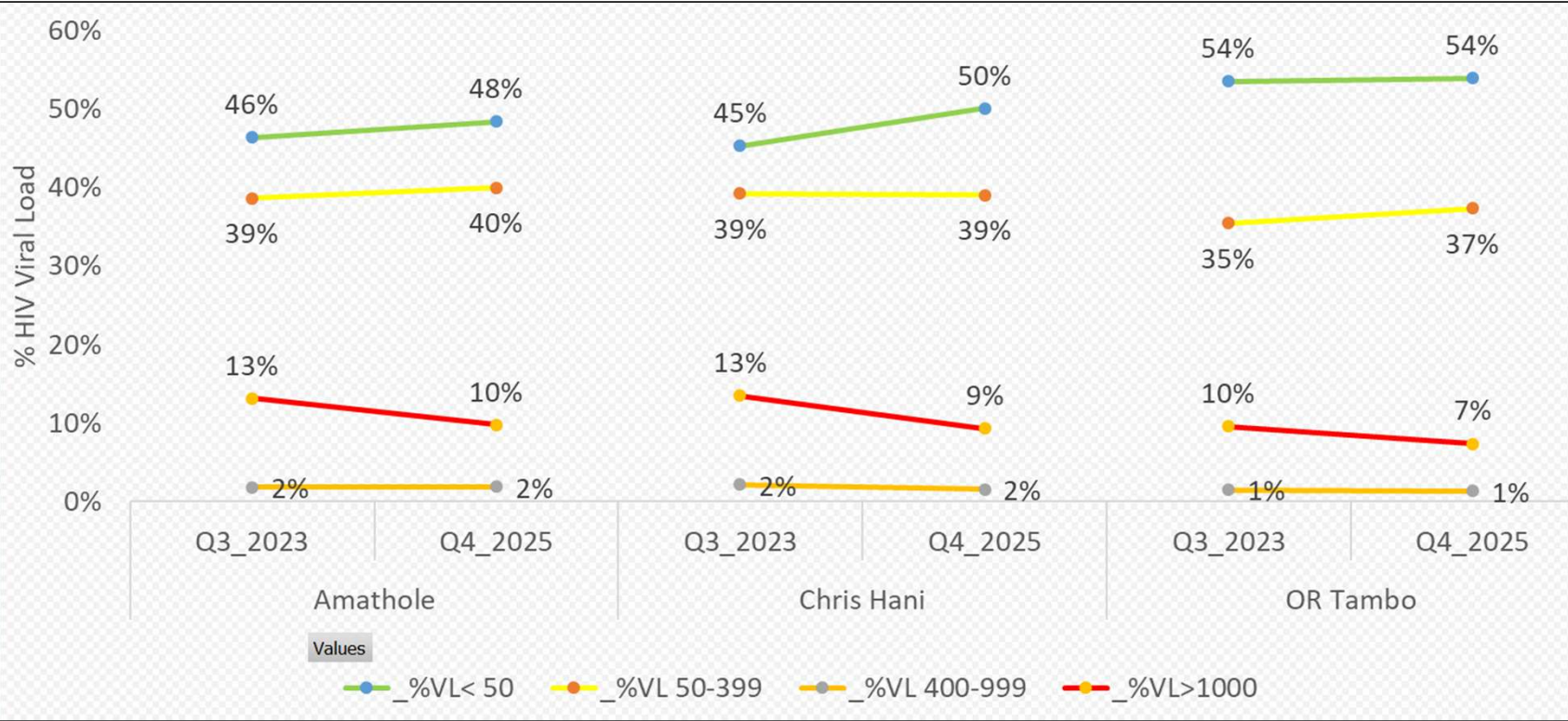
# Gauteng Province by District, Q3 2023 vs Q4\_2025, % HIV Viral Load Suppression



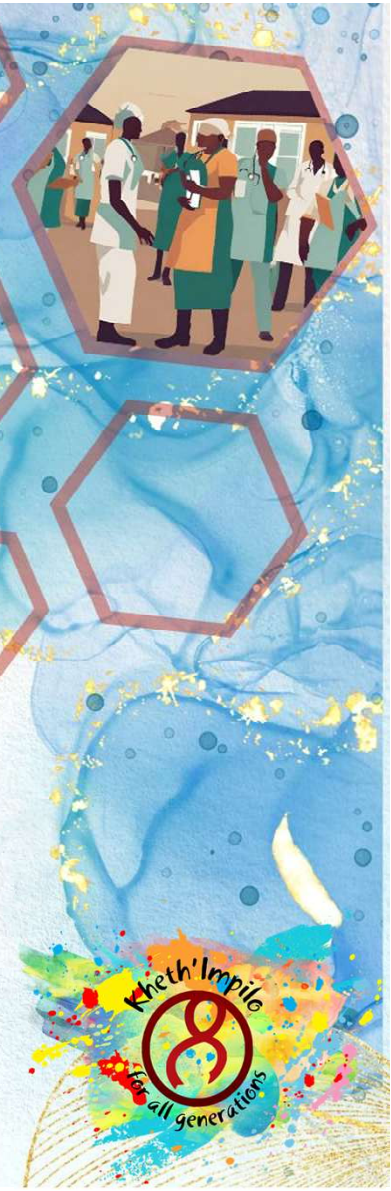
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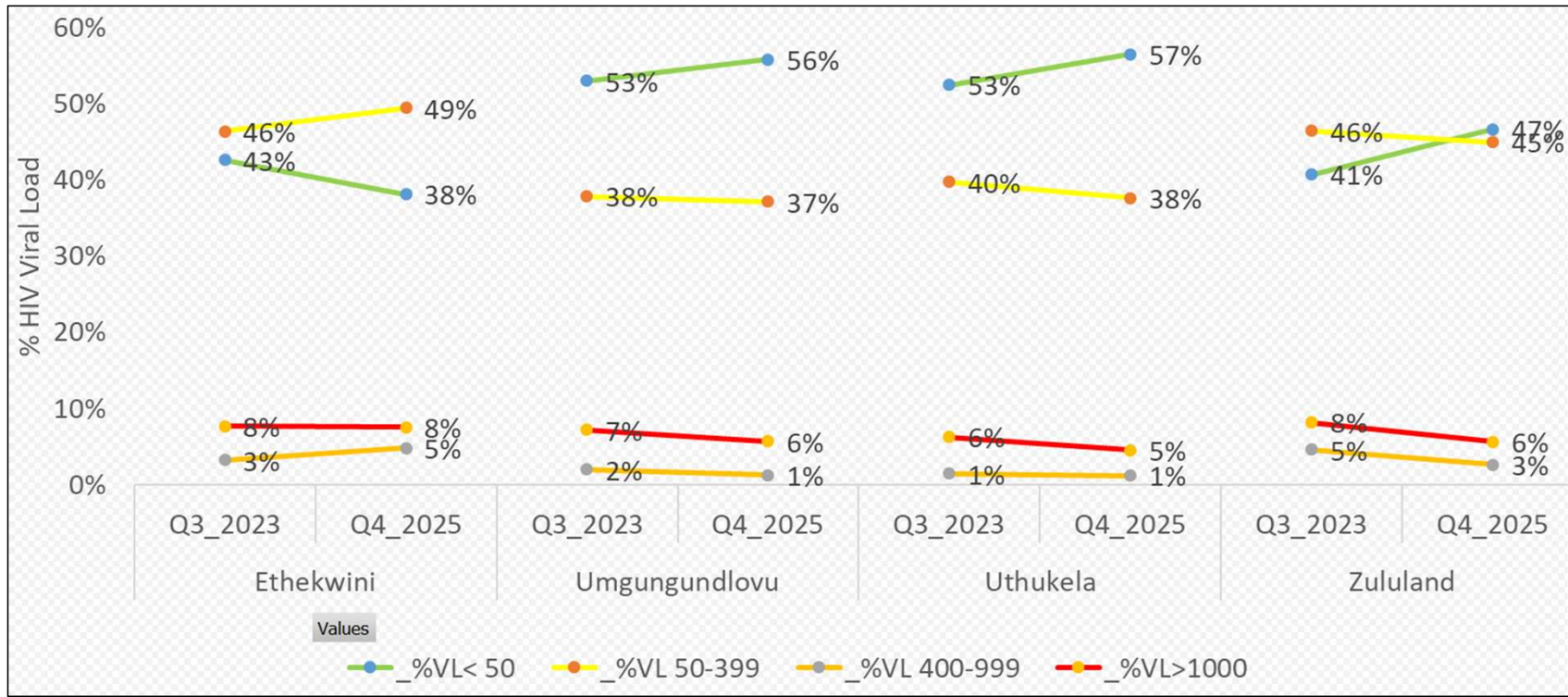
# Eastern Cape by District, Q3 2023 vs Q4\_2025, % HIV Viral Load Suppression



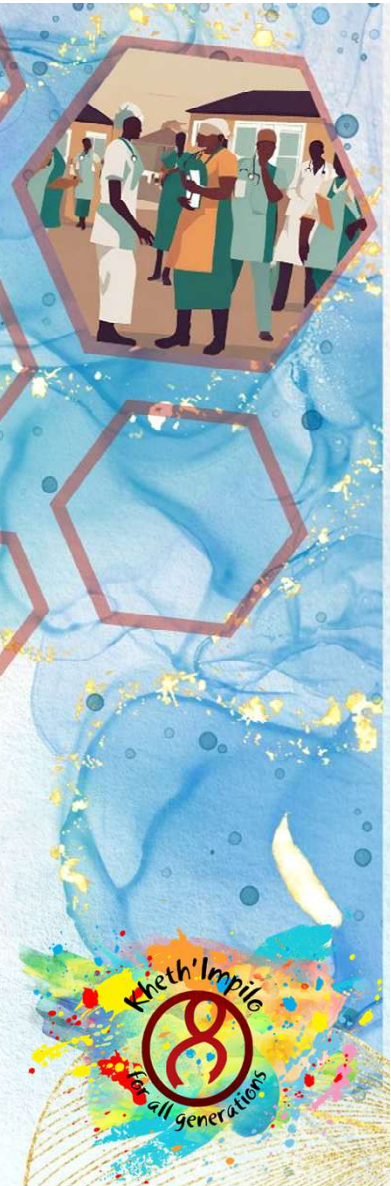
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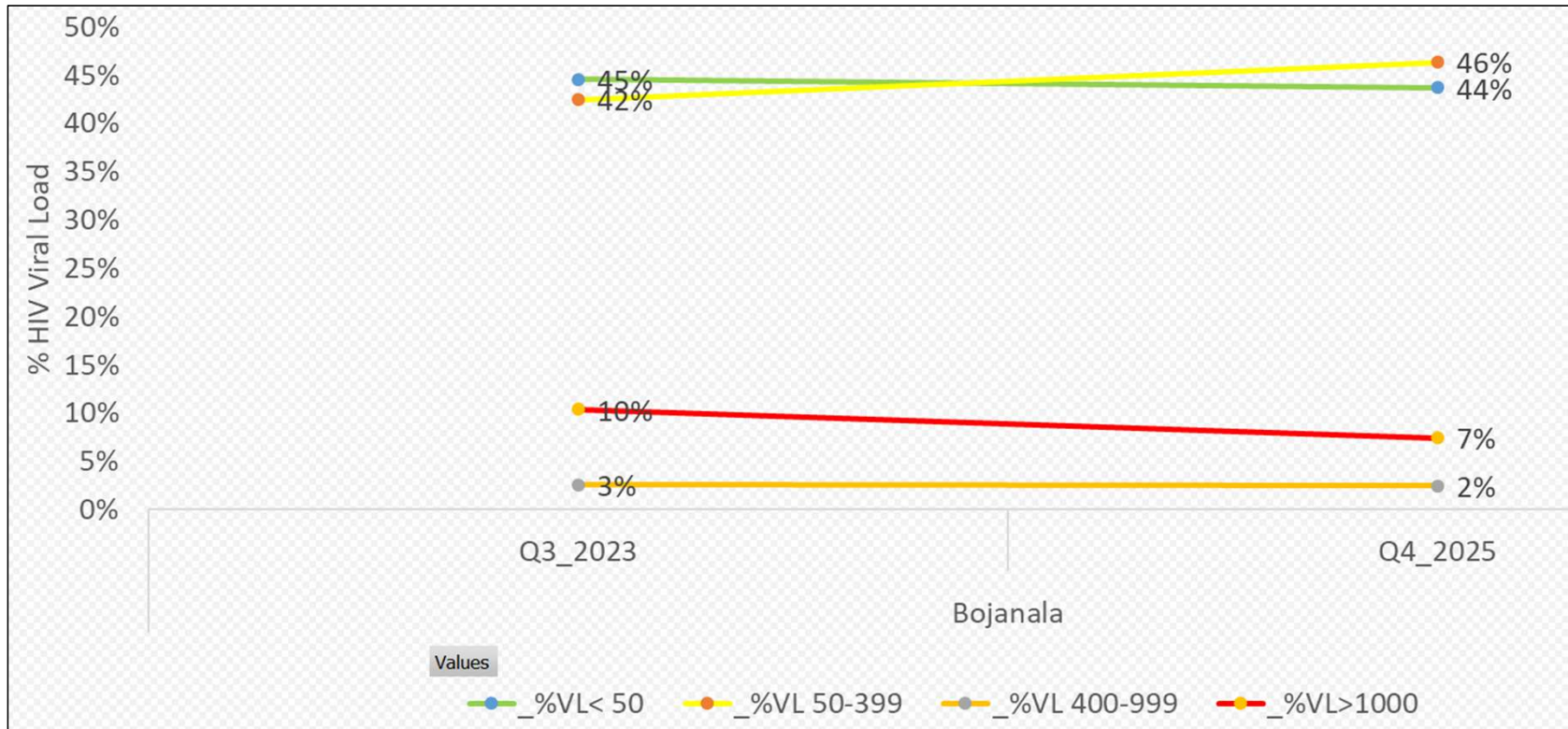
## Kwa-Zulu Natal Province by District, Q3 2023 vs Q4\_2025, % HIV Viral Load Suppression



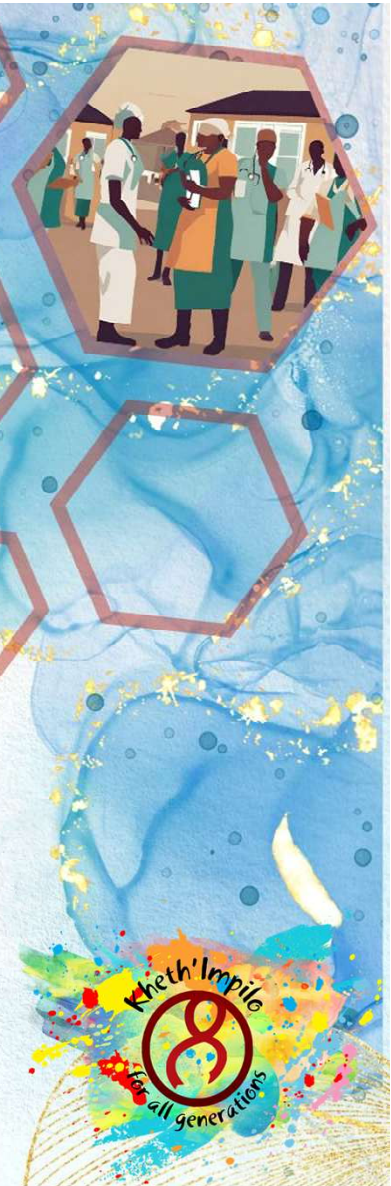
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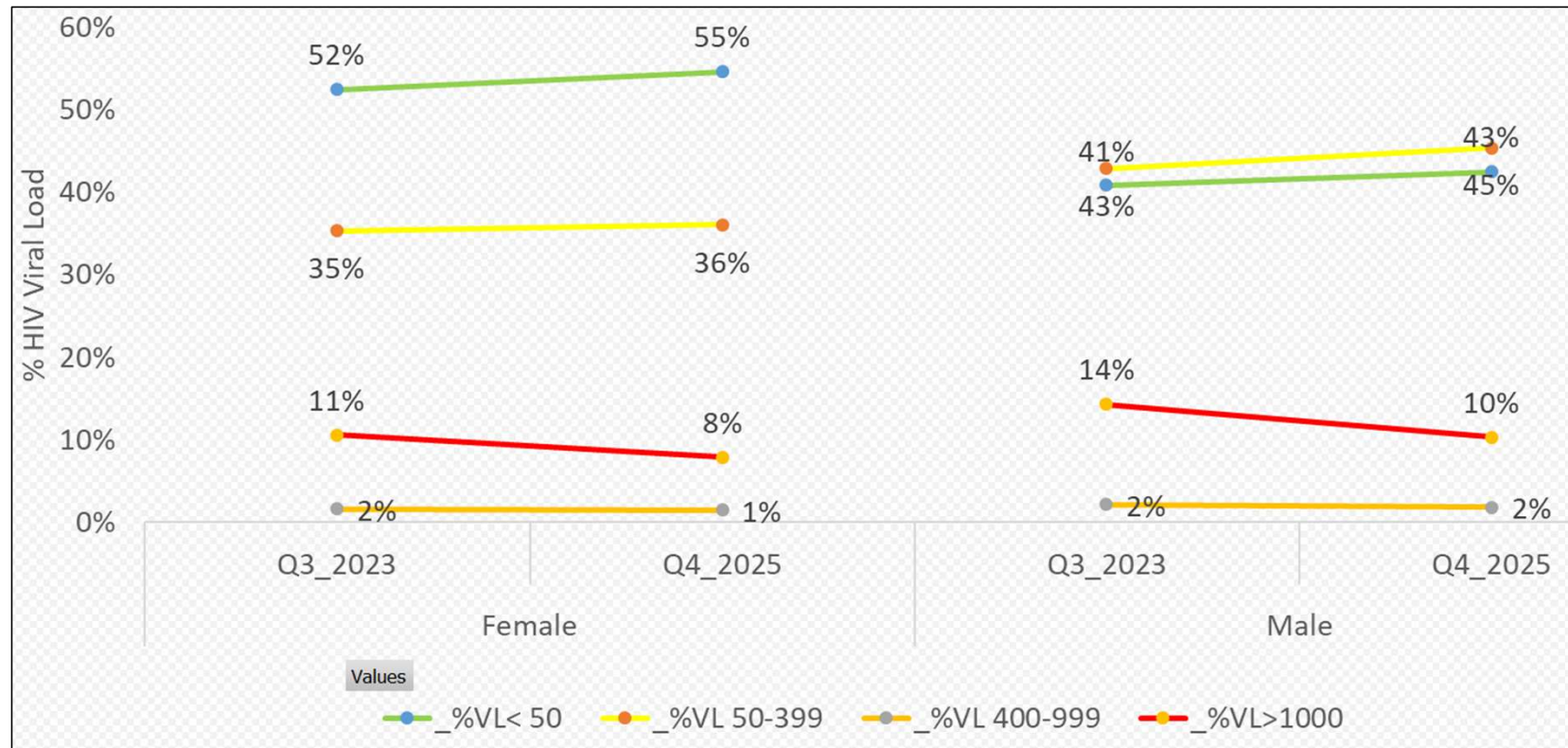
## North West Province by District, Q3 2023 vs Q4\_2025, % HIV Viral Load Suppression



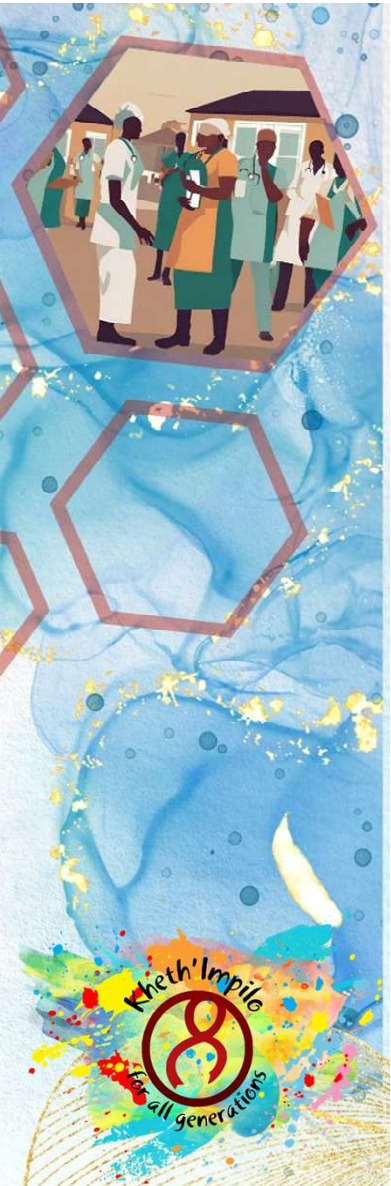
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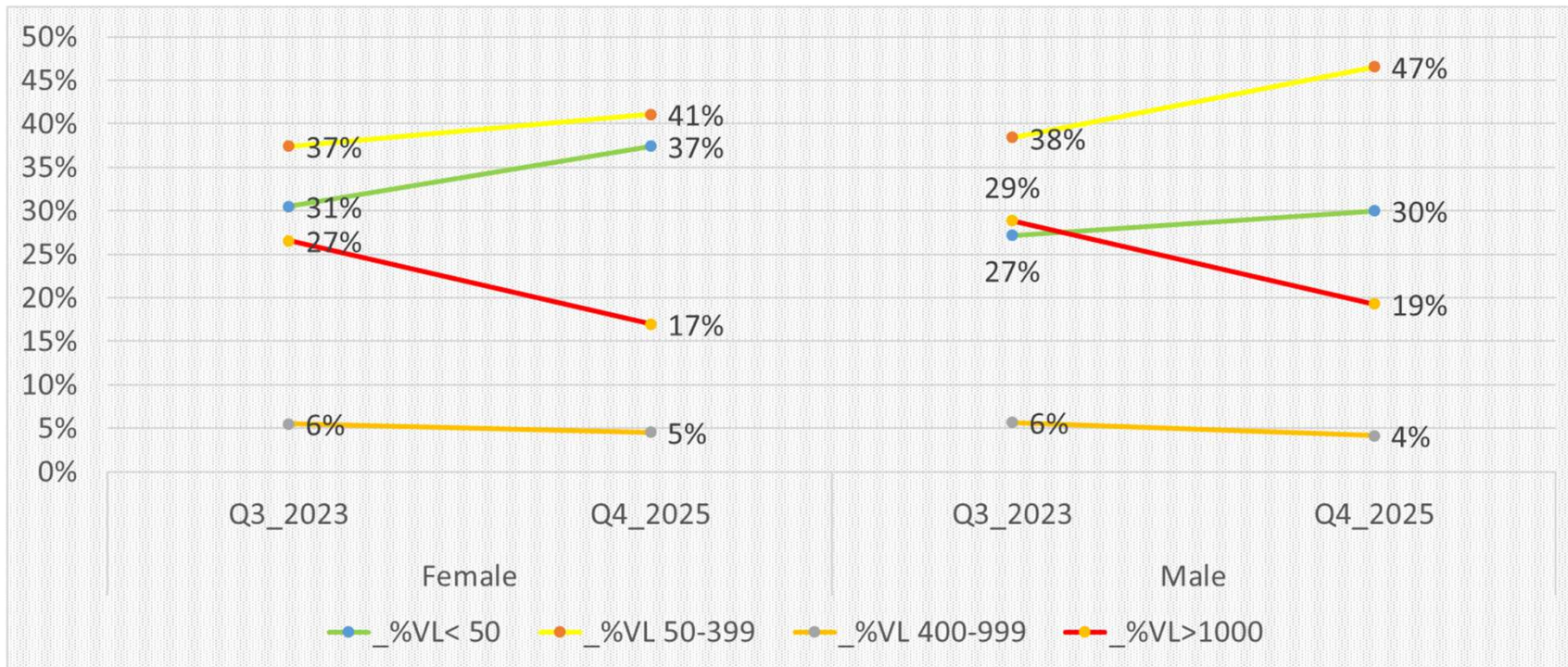
## All Supported Provinces ,Q3 2023 vs Q4\_2025, % HIV Viral Load Suppression by Gender



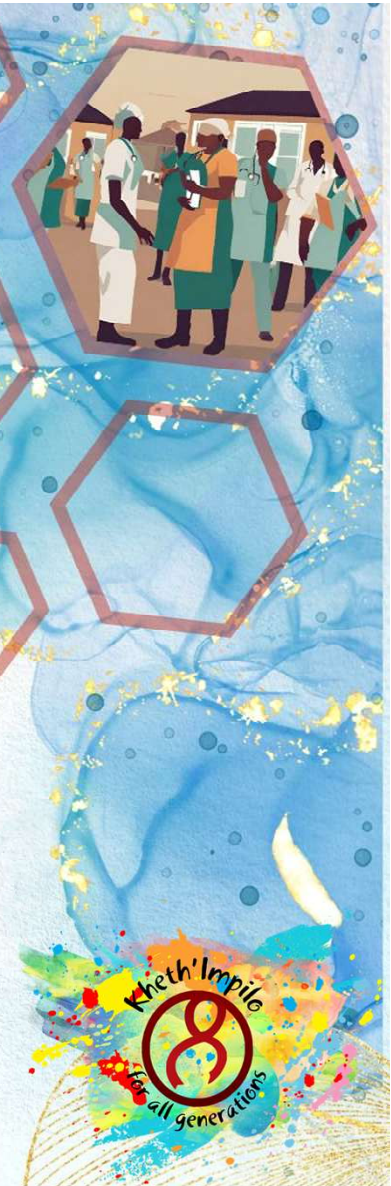
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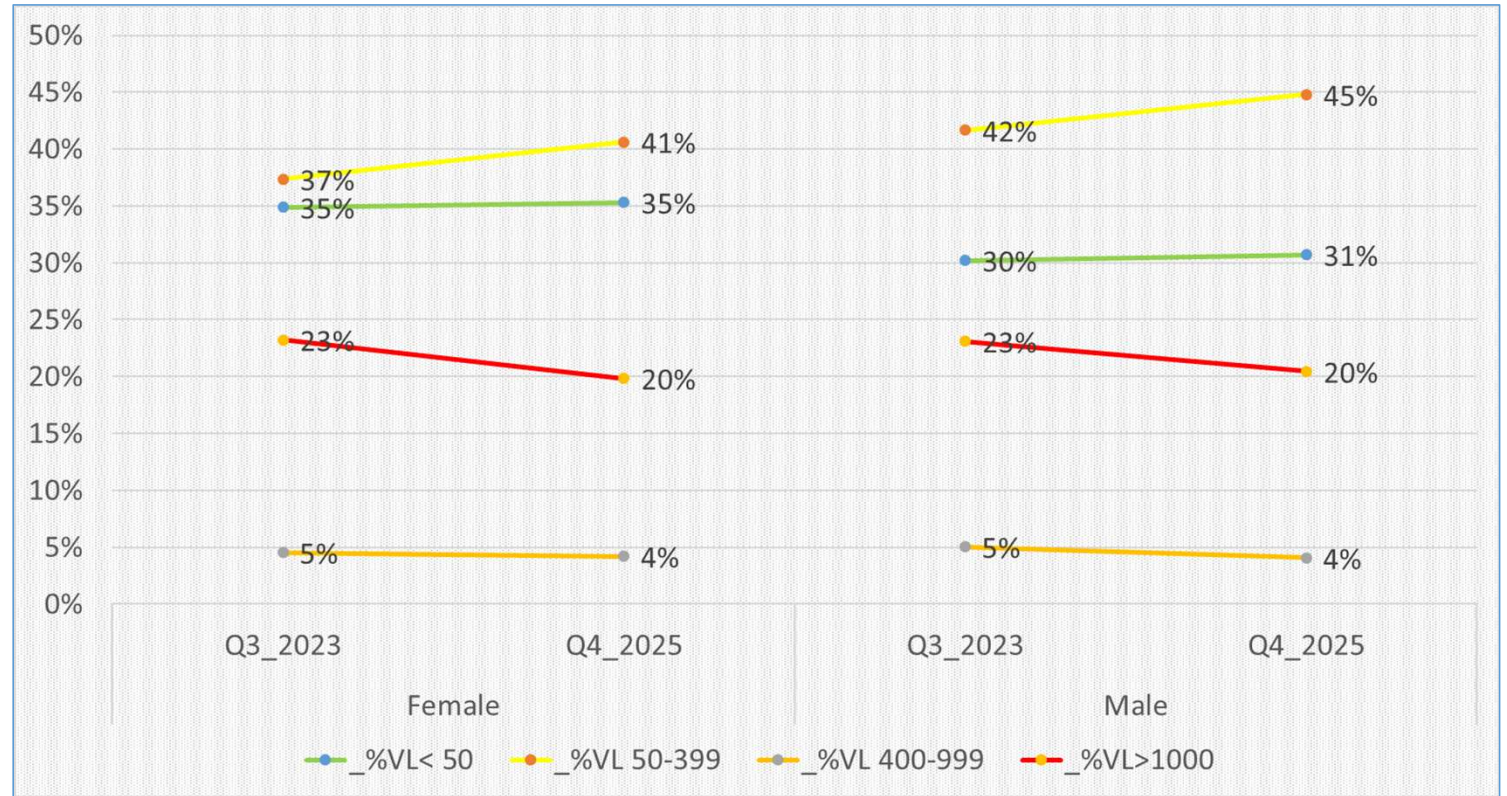
## All Supported Provinces ,Q3 2023 vs Q4\_2025, % HIV Viral Load Suppression By Age <15



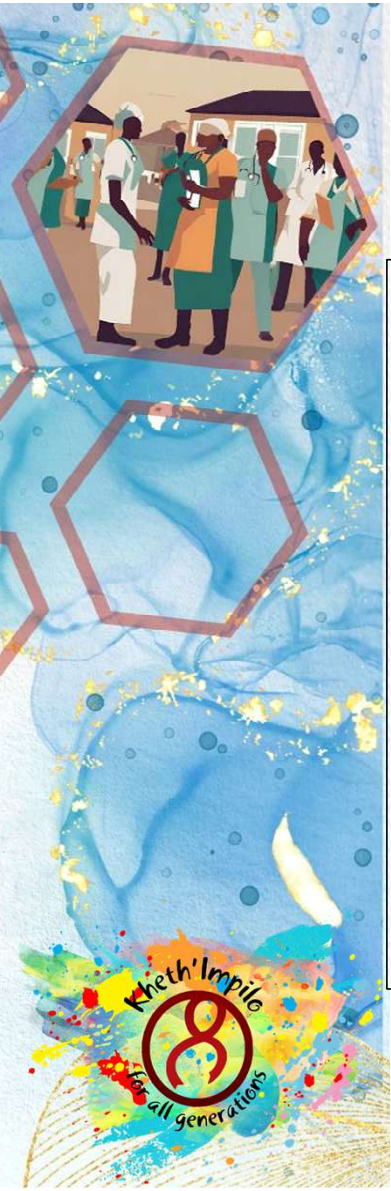
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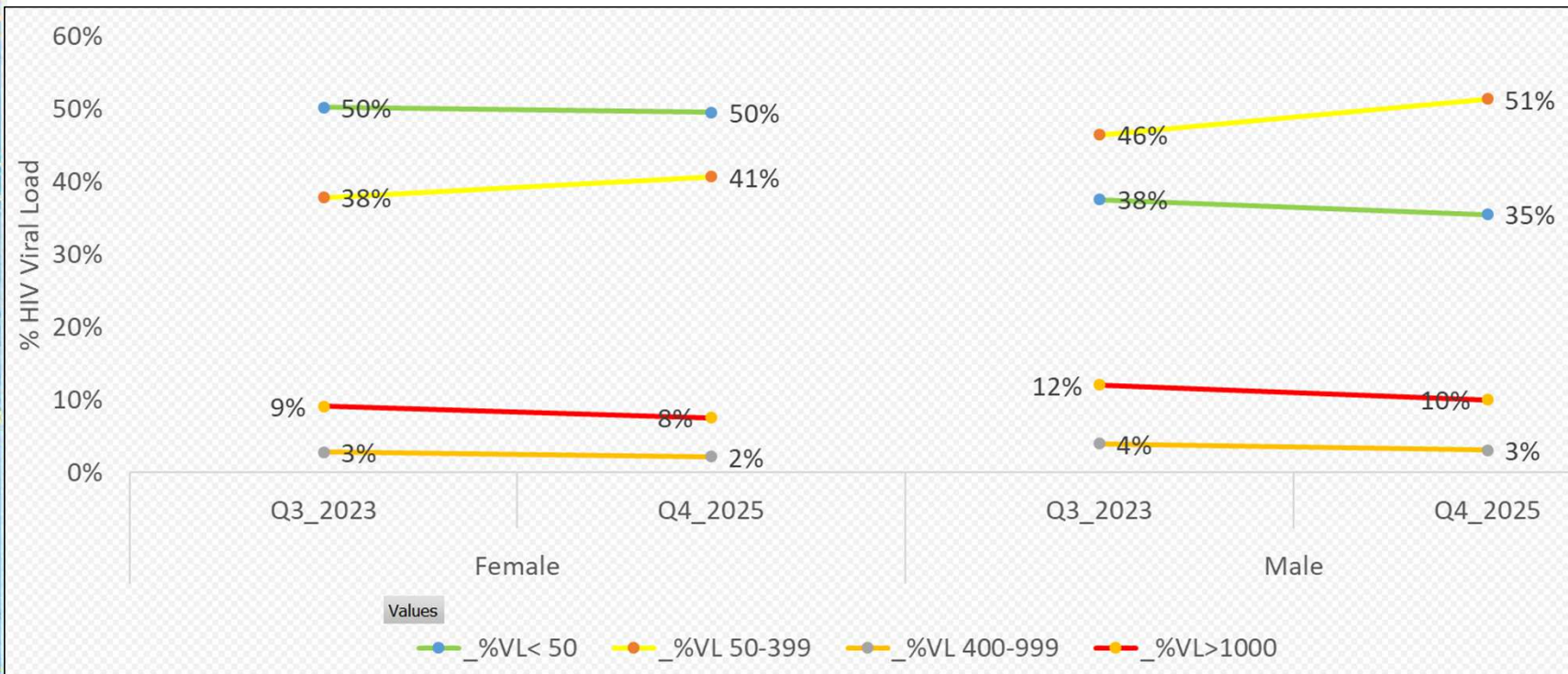
## All Supported Provinces ,Q3 2023 vs Q4\_2025, % HIV Viral Load Suppression By Age 15-19



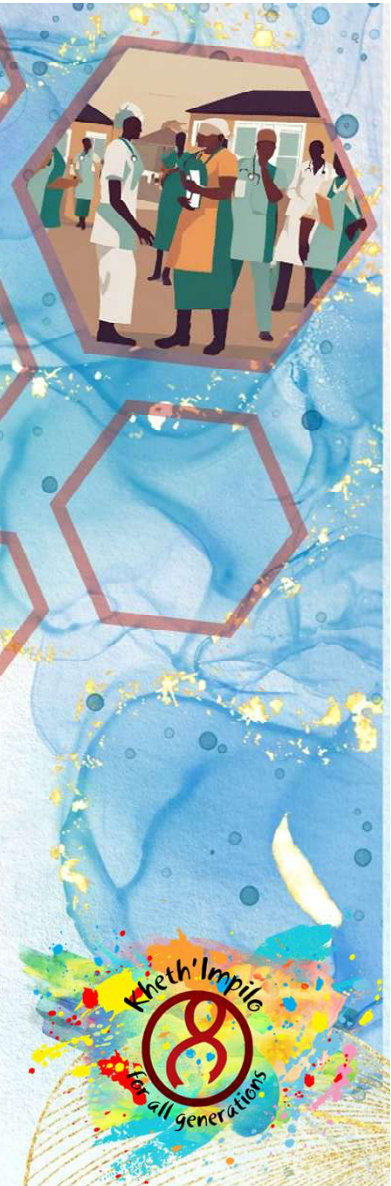
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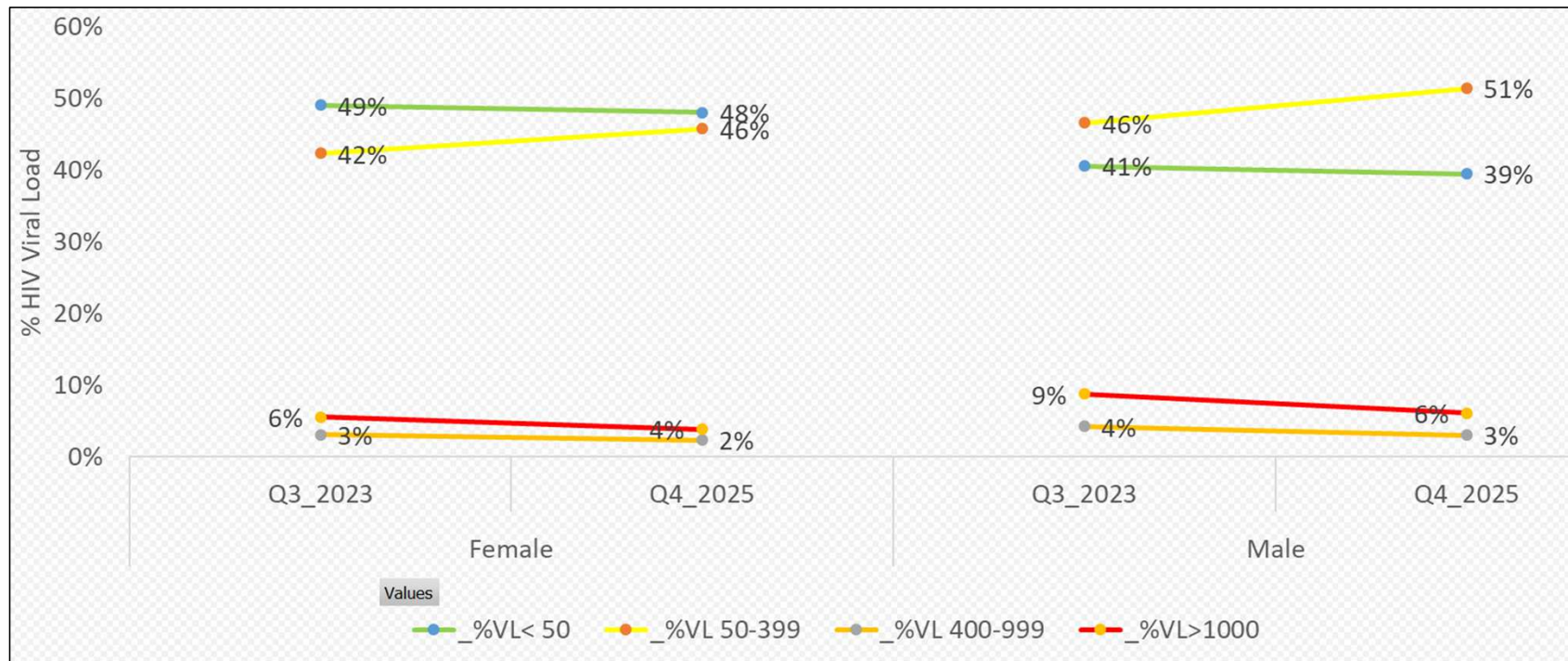
## All Supported Provinces ,Q3 2023 vs Q4\_2025, % HIV Viral Load Suppression By Age 20-44



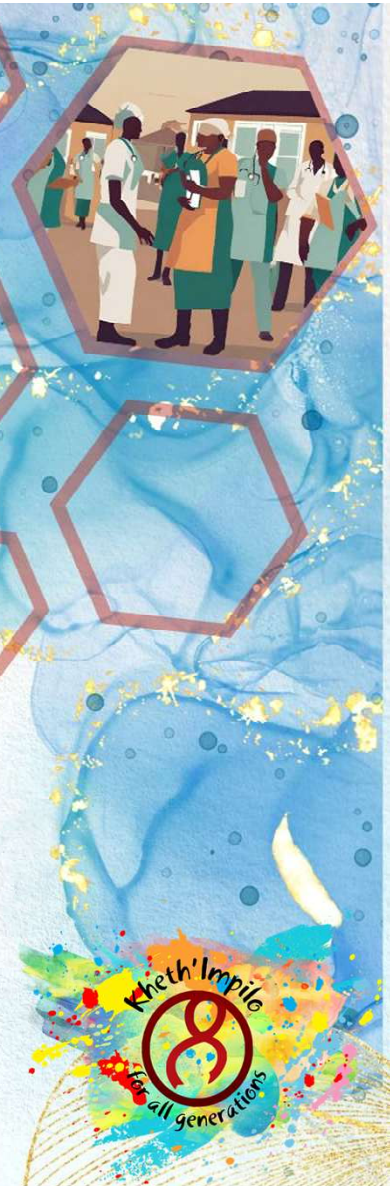
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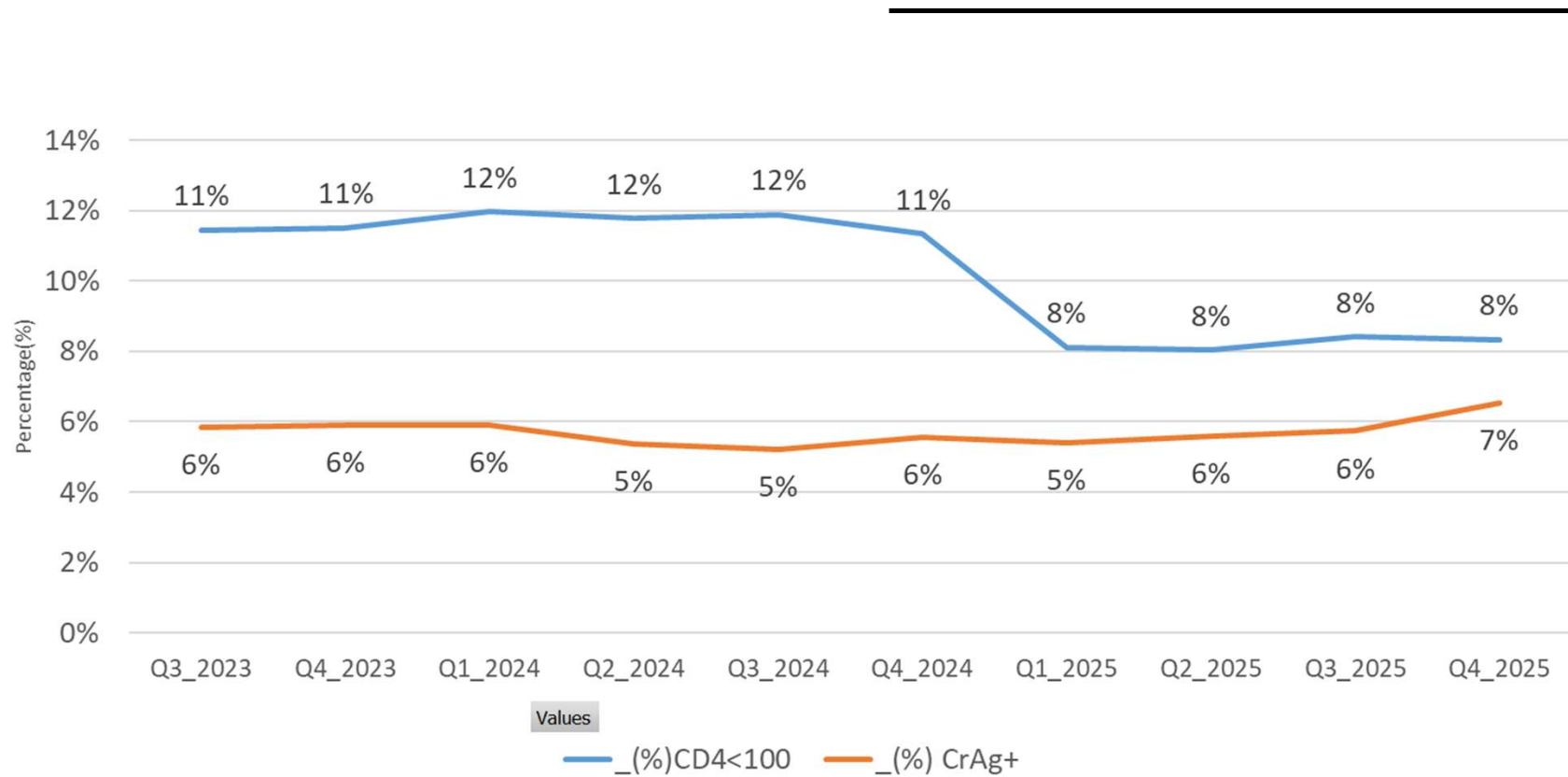
## All Supported Provinces ,Q3 2023 vs Q4\_2025, % HIV Viral Load Suppression By Age ≥45

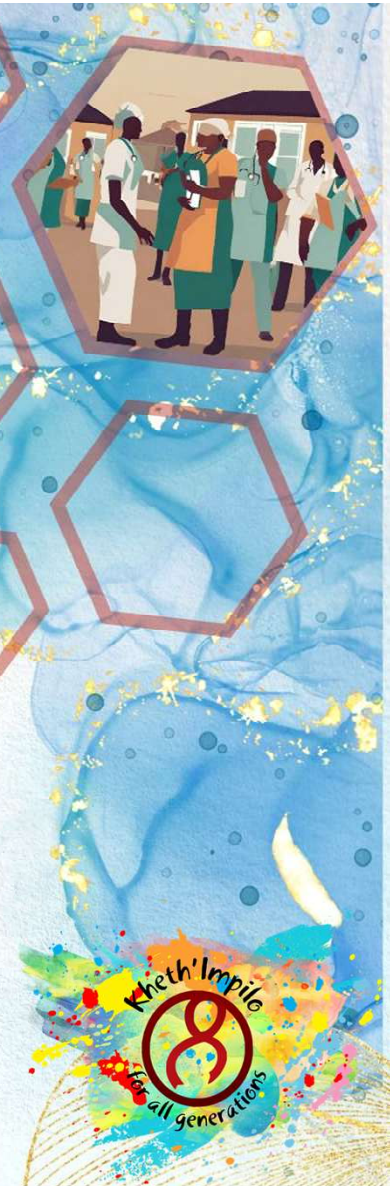


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## CD4 < 100 Copies/ml(%) and %CrAg+, All Supported Provinces





## Key Takeaways



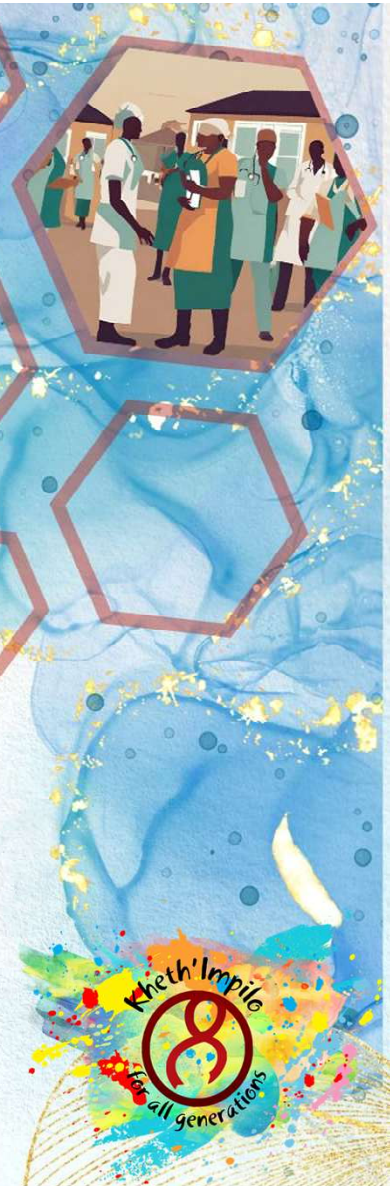
- Improvement noted across all supported Provinces
- Focus needs to be moved from <400 to LDL to Align with current guidelines



- Paediatric patients (<15)'s are more prone to have a detectable level
- Males are still more likely have a detectable than females in the 20-44 Age category



- Alignment and Integration of systems
- Training of HCW remains a critical component



## What to know more about the ACC ToolKit

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Scan the QR Code →

or visit

<https://linktr.ee/advancedhivdiseasesa>



# Thank you

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## Acknowledgments

- KI ACC Team
- DOH Staff
- ACC Champions
- HAST Teams
- Implementing partners.



United States of America



U.S. CENTERS FOR DISEASE CONTROL AND PREVENTION

