



# PEPFAR

U.S. President's Emergency Plan for AIDS Relief

## PEPFAR South Africa FY21Q4 PCA – KZN

PEPFAR SA | Date, 2022

**18 YEARS OF SAVING LIVES THROUGH AMERICAN GENEROSITY AND PARTNERSHIPS**

# PEPFAR Partners in KZN

PARTNER	PROGRAM AREA	DISTRICTS and AGENCY
<b>Trust for Health System Planning &amp; Development IT (HST)</b>	Care & Treatment Case Finding and Case Management	CDC – eThekwini, uMgungundlovu, uThukela, Zululand Districts
<b>MatCh Institute</b>	Care & Treatment, Case Finding and Case Management	USAID – Harry Gwala District
<b>BroadReach Healthcare (PTY) LTD</b>	Care & Treatment, Prevention (PrEP)	USAID – uGu and KCD
TB HIV CARE ASSOCIATION	Care and Treatment, Case Finding, Community-based case Finding, Prevention (Comm- mobilization,behaviour and norms change	CDC – eThekwini, uMgungundlovu, uThukela, Zululand
JHPIEGO CORPORATION	Prevention – Voluntary Medical Male Circumcision (VMMC)	CDC – eThekwini, uThukela, uMgungundlovu, Zululand, uGu, KCD, Umkhanyakude
Children-In-Distress Network (CINDI)	Orphans and Vulnerable Children (OVC)	USAID - eThekwini, uMgungundlovu.
Family Health International (FHI360)	Prevention – Orphans and Vulnerable Children	uGU and KCD



# PEPFAR Partners in KZN (continued)

PARTNER	PROGRAM AREA	DISTRICTS and AGENCY
Population Services International (PSI)	Prevention - VMMC	eThekwini, uMgungundlovu and Harry Gwala
WitsRHI	Prevention – DREAMS, PrEP, SRH	USAID – uGU and KCD
Education Development Centre (EDC)	Prevention – School-Based Intervention	USAID – uGU and KCD
NACOSA	Prevention – Gender-Based Violence Prevention and Support	USAID – uGu and KCD
Pact Inc	Prevention – Orphans and Vulnerable Children	USAID - Zululand
Department of Social Development (G2G) Agreement	Orphans and Vulnerable Children	USAID - Provincial
South Africa Partners Institute INC	Comms. Mobilization, behaviour and norms change	CDC - Provincial



# Program Performance Overview of Treatment Cascade in KZN

- In FY21Q4, we saw a significant increase in index testing and self-screening
- HTS yield was down slightly in Q4 at 3%
- Overall TX\_CURR increased for the year. For the year's progress towards target, HIV positive clients identified were 92% , whilst new initiations were 83% and the TX\_CURR reach was 84%. Viral load suppression remained at 95%.

Indicator	FY20 Total	FY21Q1	FY21Q2	FY21Q3	FY21Q4	Trend From Last Quarter	FY21 Total	FY21 Targets	FY21 Achievement
HTS_INDEX	149,565	36,302	41,758	44,437	52,854	▲ Up by 19%	175,351	126,979	● 138%
HTS_SELF	49,266	44,363	59,735	97,712	108,275	▲ Up by 11%	310,085	186,016	● 167%
HTS_TST	3,096,048	764,925	798,407	811,594	787,439	▼ Down by 3%	3,162,365	2,009,557	● 157%
HTS_TST_POS	141,366	29,985	31,931	29,925	24,483	▼ Down by 18%	116,324	125,782	● 92%
TX_NEW	126,643	26,282	28,553	26,987	22,950	▼ Down by 15%	104,772	126,001	● 83%
TX_CURR	1,102,566	1,107,163	1,138,903	1,147,715	1,148,462	▲ Up by 0%	1,148,462	1,374,707	● 84%
Yield	5%	4%	4%	4%	3%	▼ Down by 0.6%	4%		
Linkage	90%	88%	89%	90%	94%	▲ Up by 3.6%	90%		
Growth	-70%	0%	3%	1%	0%	▼ Down by 0.7%	4%		
TX_PVLS (N)	816,467	819,573	817,116	818,094	830,512	▲ Up by 2%	830,512		
TX_PVLS (D)	865,900	866,089	862,099	861,256	871,138	▲ Up by 1%	871,138		
VL <1,000 cp/mL	94%	95%	95%	95%	95%	▲ Up by 0%	95%		

Data source: POART Shell (Dec 20th)



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- 90%+
- 75-90%
- <75

# Program Performance Overview of PMTCT and TB in KZN

- There have been slight increases on the PMTCT as well as the TB\_STAT indicators
- Saw a slight decline on the TB\_ART indicators this quarter

Indicator	FY20 Total	FY21Q1	FY21Q2	FY21Q3	FY21Q4	Trend From Last Quarter	FY21 Total
PMTCT_STAT (N)	163,537	41,308	45,098	40,109	42,420	▲ Up by 6%	168,935
PMTCT_STAT (D)	163,974	41,546	45,157	40,125	42,503	▲ Up by 6%	169,331
PMTCT_STAT Coverage	100%	99%	100%	100%	100%	▼ Down by 0%	100%
PMTCT_ART (N)	52,258	14,120	14,372	12,622	12,955	▲ Up by 3%	54,069
PMTCT_ART (D)	52,273	14,156	14,364	12,638	12,910	▲ Up by 2%	54,068
PMTCT_ART Coverage	100%	100%	100%	100%	100%	▲ Up by 0%	100%
TB_STAT (N)	36,171	8,000	7,418	8,251	8,263	▲ Up by 11%	31,932
TB_STAT (D)	36,909	8,748	7,657	8,441	8,370	▲ Up by 10%	33,216
TB_STAT Coverage	98%	91%	97%	98%	99%	▲ Up by 1%	96%
TB_ART (N)	18,614	4,047	3,907	4,232	3,986	▼ Down by 6%	16,172
TB_ART (D)	19,453	4,407	4,063	4,295	4,111	▼ Down by 4%	16,876
TB_ART Coverage	96%	92%	96%	99%	97%	▼ Down by 2%	96%

Data source: POART Shell (Dec 20th)



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- 75-90%
- <75

# Program Performance Overview of Prevention in KZN

- PEPFAR IPs performed very well this quarter with most indicators meeting and surpassing their targets.
- Prevention programs are on an upward trajectory, huge gains seen with the DREAMS expansion
- New PrEP Initiations in KZN was impacted by civil unrest
- The VMMC program continues to be impacted by COVID-19 and was not able to meet targets for FY21

Indicator	FY20 Total	FY21Q1	FY21Q2	FY21Q3	FY21Q4	Trend From Last Period	FY21 Total	FY21 Targets	FY21 Achievement %
GEND_GBV	4,070	-	3,943	-	4,126	▲ Up by 5%	8,069	6,805	● 119%
KP_PREV	28,701	-	22,053	-	22,243	▲ Up by 1%	44,296	40,718	● 109%
PP_PREV	234,884	-	93,145	-	157,257	▲ Up by 69%	250,402	215,361	● 116%
PrEP_NEW	29,721	10,111	27,256	21,424	16,188	▼ Down by 21%	74,979	64,606	● 116%
PrEP_CURR	31,948	25,339	53,843	73,943	91,186	▲ Up by 37%	91,186	65,674	● 139%
OVC_SERV	206,013	-	119,637	-	138,649	▲ Up by 14%	138,649	136,730	● 101%
OVC_SERV_OVER_18	27,435	-	11,800	-	12,615	▲ Up by 6%	12,615	15,341	● 82%
OVC_SERV_UNDER_18	178,578	-	107,837	-	126,034	▲ Up by 14%	126,034	121,389	● 104%
VMMC_CIRC	71,478	12,995	9,806	16,443	10,929	▲ Up by 68%	50,173	103,440	● 49%

Data source: POART Shell (Dec 20th)

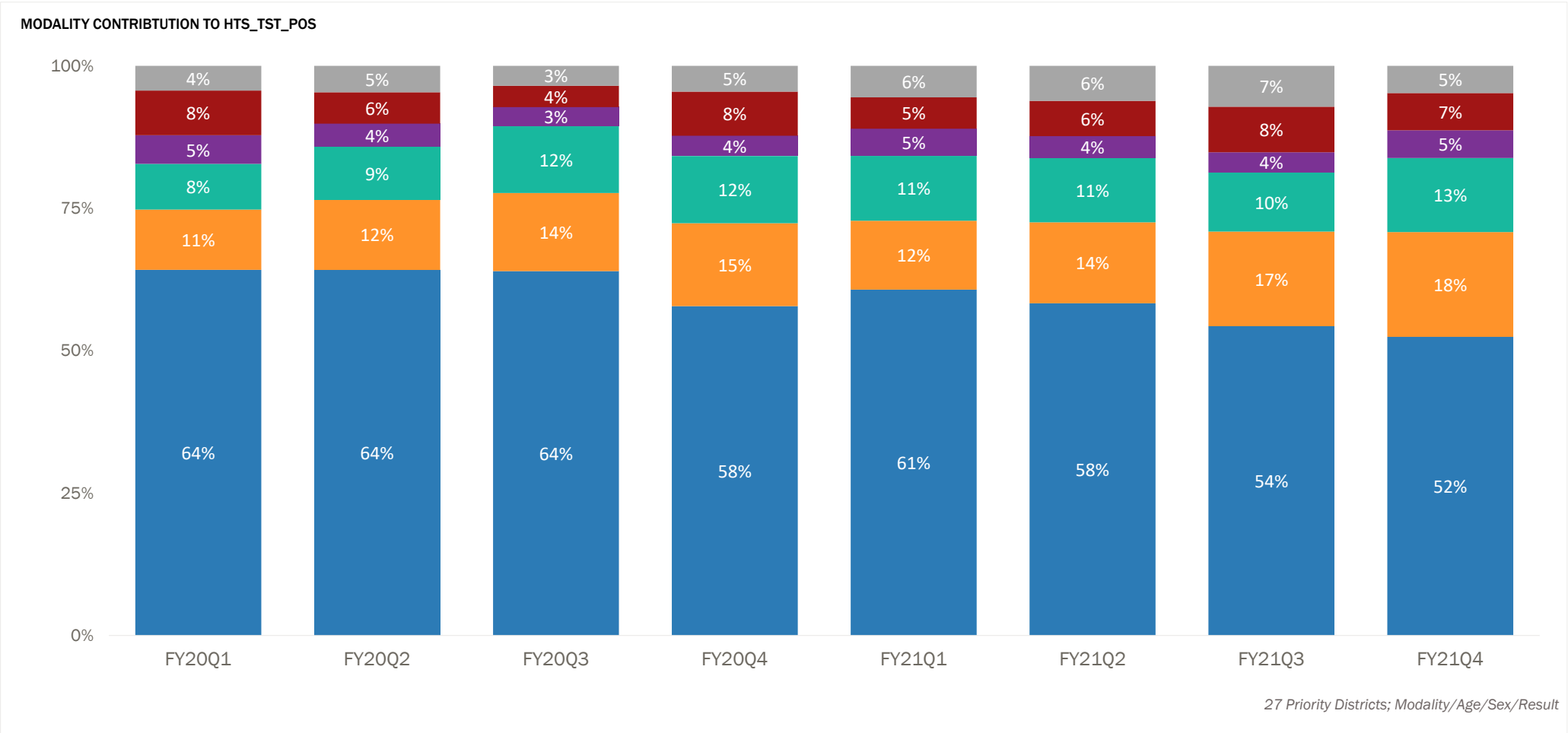


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- 75-90%
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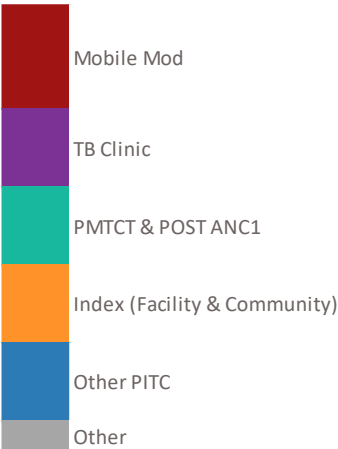


# 18% Of HTS\_TST\_POS Identified Through Index Testing in Q4



Most positive cases are identified from:

- 1. PICT
- 2. PMTCT
- 3. Index testing



Data source: POART Shell (Dec 20th)

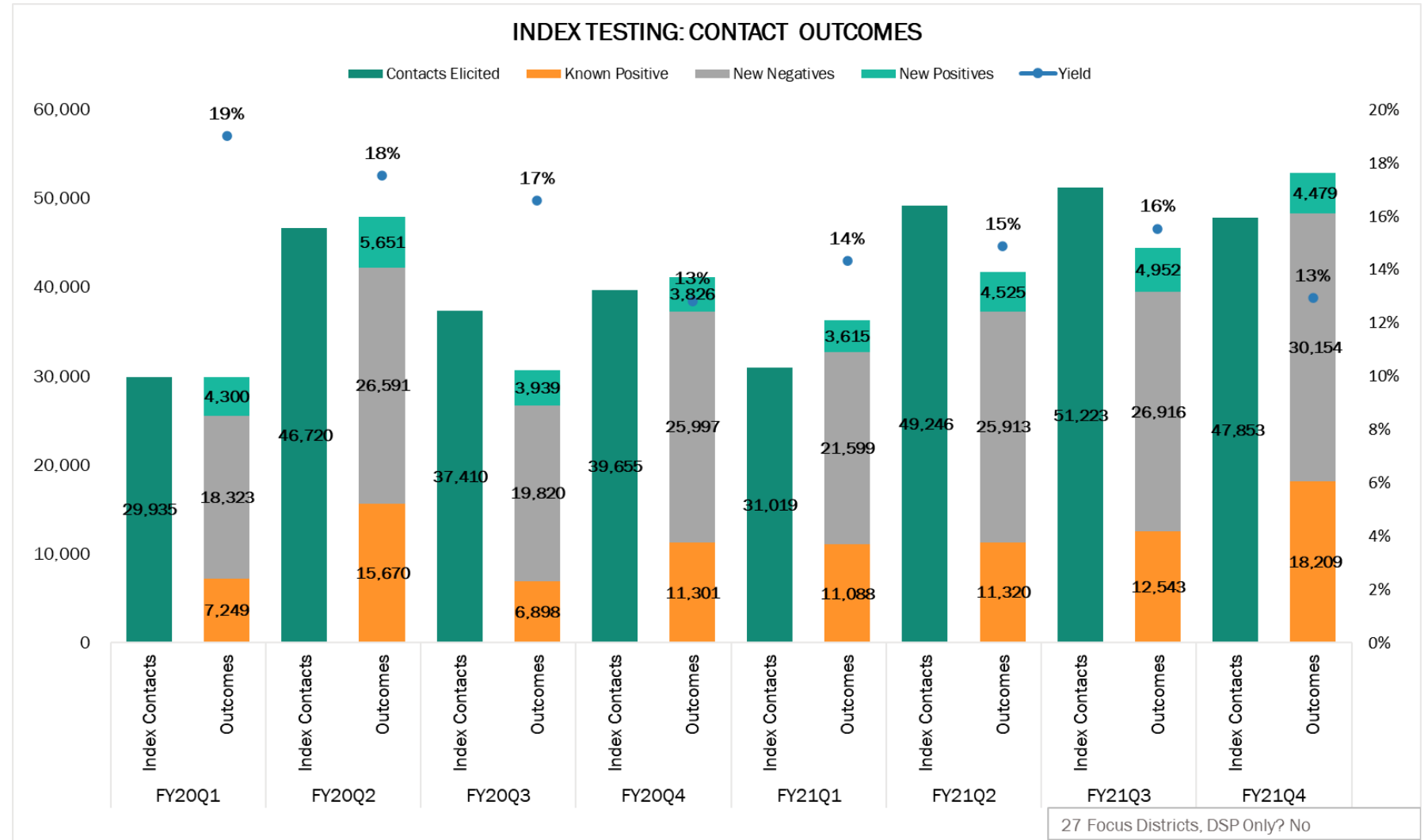


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# Index Testing Yields Decreased in Q4 to 13% but identified more known positives

Index testing not only identifies new positives but assists with identifying those known positive.

Moving forward, it will be key to ensure linkage of known positives not already on treatment.



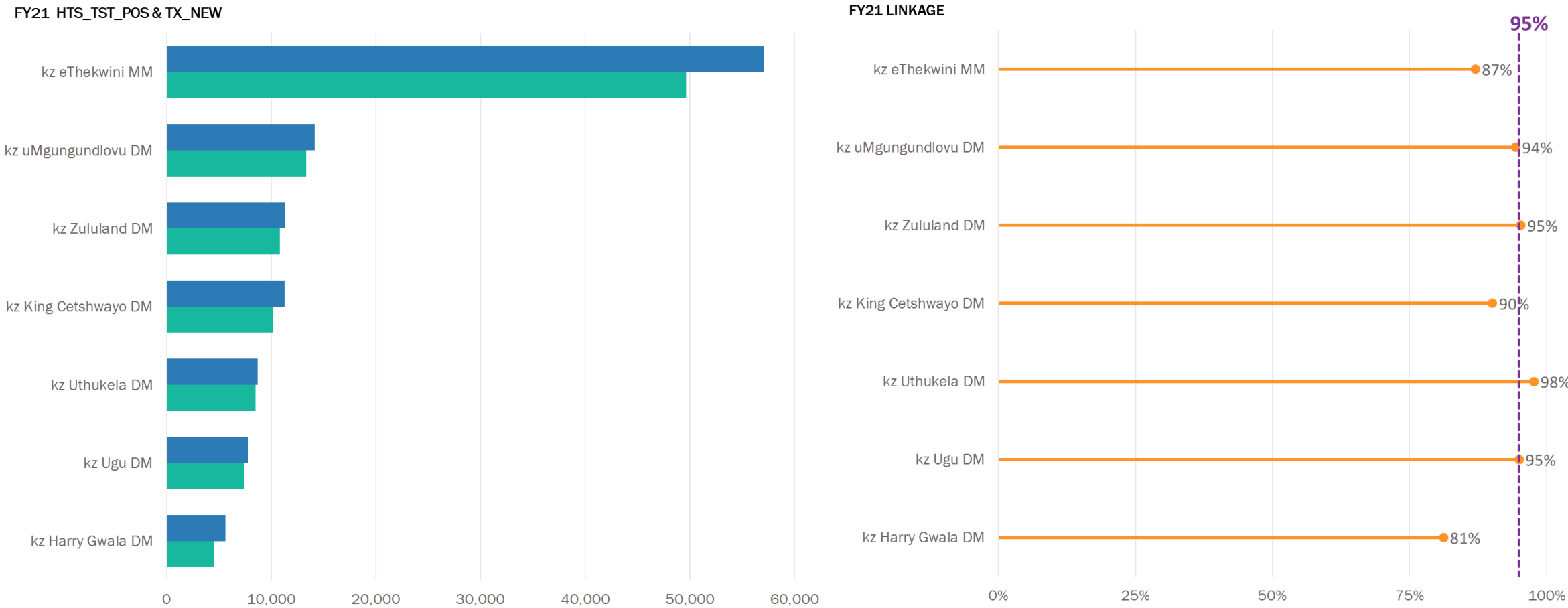
Data source: POART Shell (Dec 20th)



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# 3 of 7 PEPFAR Supported Districts in KZN Achieved At Least 95% Proxy Linkage in FY21



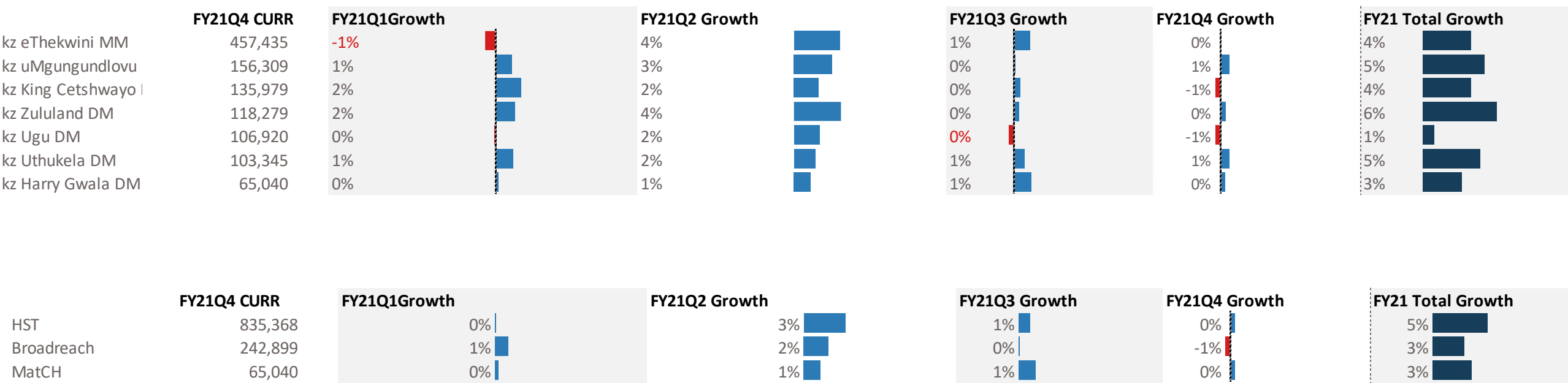
Data source: POART Shell (Dec 20th)



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# TX\_CURR Growth Was Seen In All PEPFAR Supported KZN Districts and Partners

- The largest growth for the Q4 period was in Zululand, uMgungundlovu, Uthukela, and eThekwini



Data source: POART Shell (Dec 20th



# ART Coverage Increased In All 7 PEPFAR Supported KZN Districts

- ART Coverage increased between 1-3% in Q4
- The largest growth was seen in eThekweni
- Maintaining this growth in KZN during the 3rd wave of COVID-19 and the unrest experienced in the province during the Q4 period exemplifies the resilience and hard work of all PEPFAR partners and the KZN PDOH.

	FY21Q4 TX_CURR	FY21Q1 ART Coverage	FY21Q2 ART Coverage	FY21Q3 ART Coverage	FY21Q4 ART Coverage	FY Total Change in ART Coverage
kz eThekweni MM	457,435	71%	73%	74%	74%	3%
kz Zululand DM	118,279	77%	79%	80%	80%	3%
kz Harry Gwala DM	65,040	86%	87%	88%	88%	3%
kz uMgungundlovu DM	156,309	70%	72%	72%	73%	2%
kz Uthukela DM	103,345	81%	83%	83%	84%	3%
kz King Cetshwayo DM	135,979	75%	76%	77%	76%	1%
kz Ugu DM	106,920	79%	80%	80%	80%	1%

Data source: POART Shell (Dec 20th)

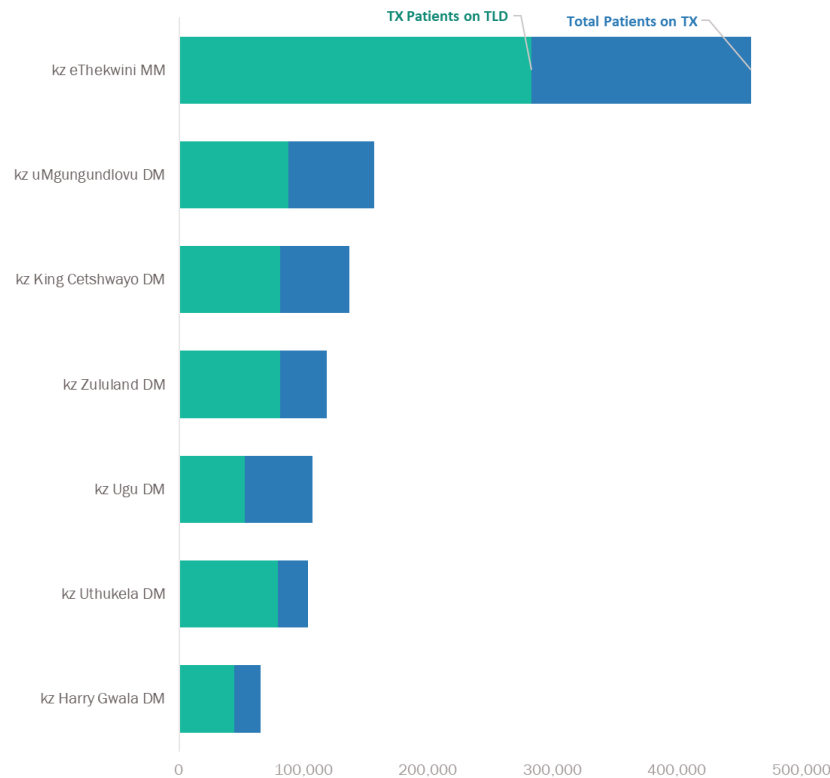


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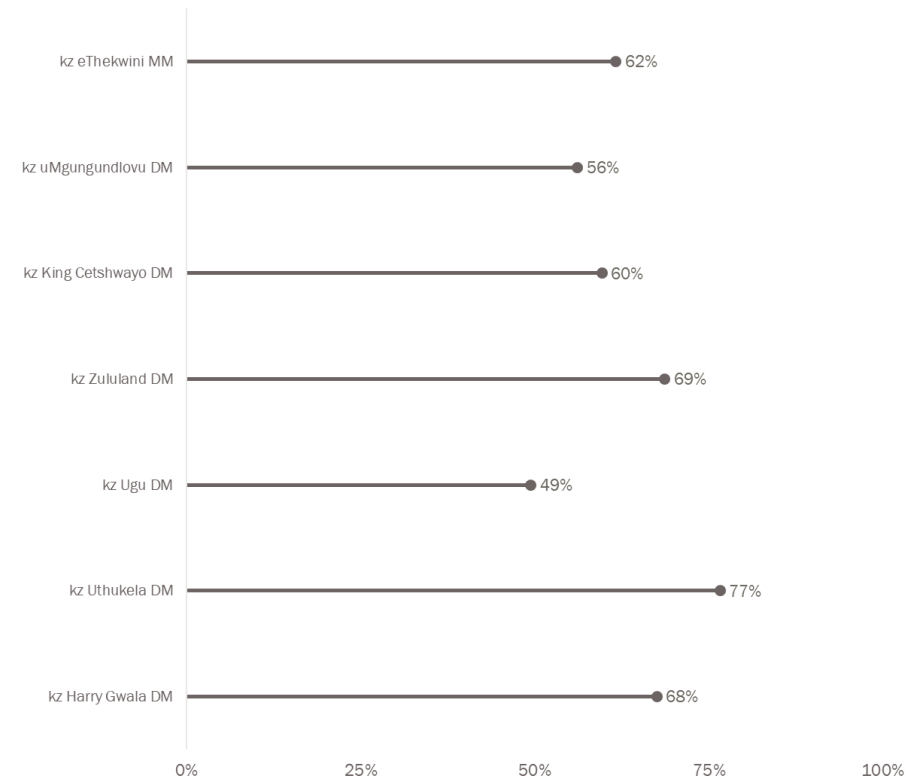
# TLD Transition At 62% Overall In KZN But Varies Across Districts (49%-77%)

- Uthukela is furthest along at 77%
- Ugu is at 49%
- eThekwini has the largest volume of patients on TLD at ~283,000

TX\_CURR AND PATIENTS ON TLD | FY21Q4



% OF TX\_CURR ON TLD



Data source: POART Shell (Dec 20th)

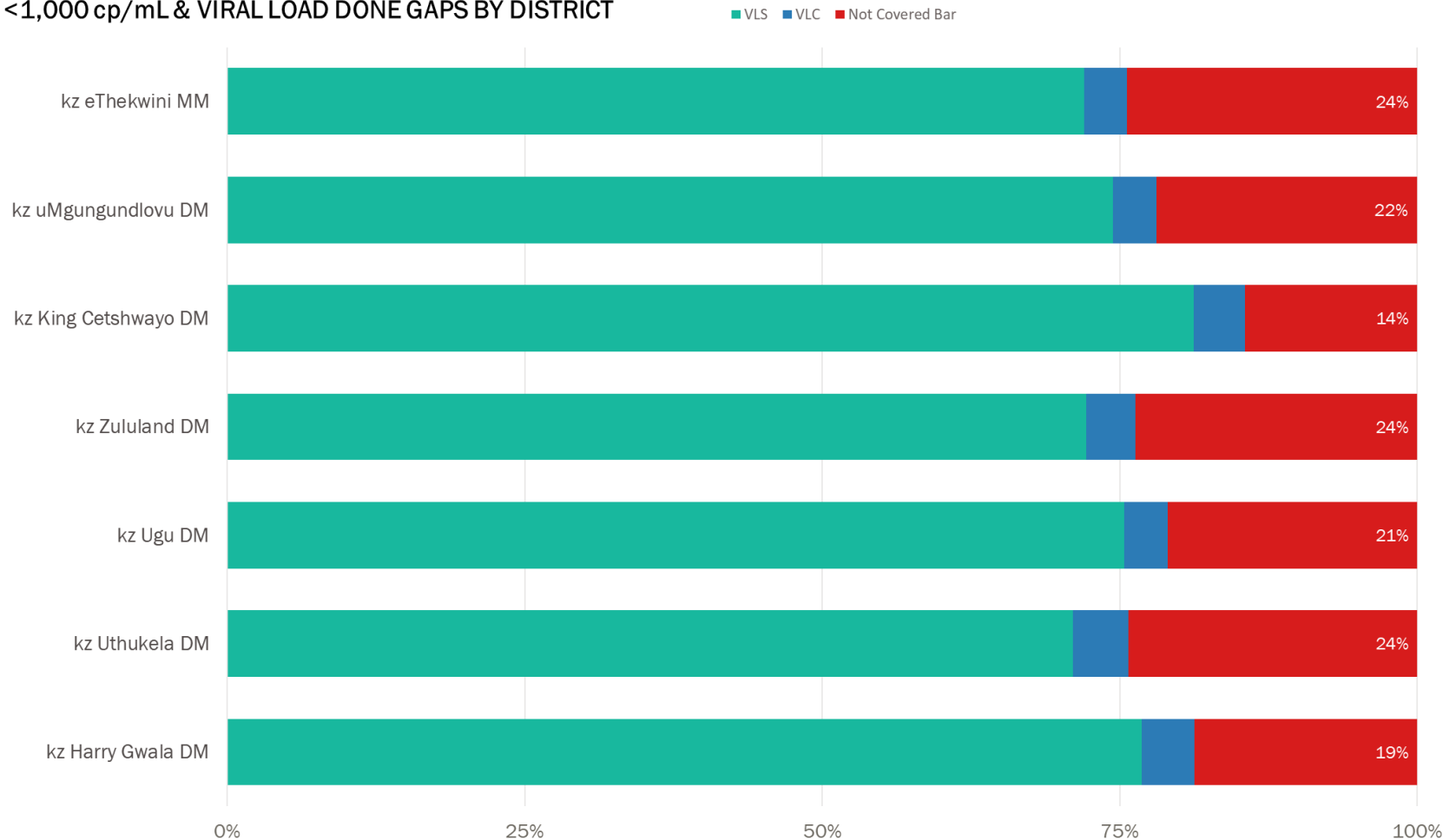


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# VL <1,000 cp/mL & Viral Load Done Gaps Vary By District

- King Cetshwayo has the smallest VL <1000 cp/mL Done gap at 14%
- eThekweni and Zululand have the largest gap in VL <1000 cp/mL coverage

VL <1,000 cp/mL & VIRAL LOAD DONE GAPS BY DISTRICT



Data source: POART Shell (Dec 20th)



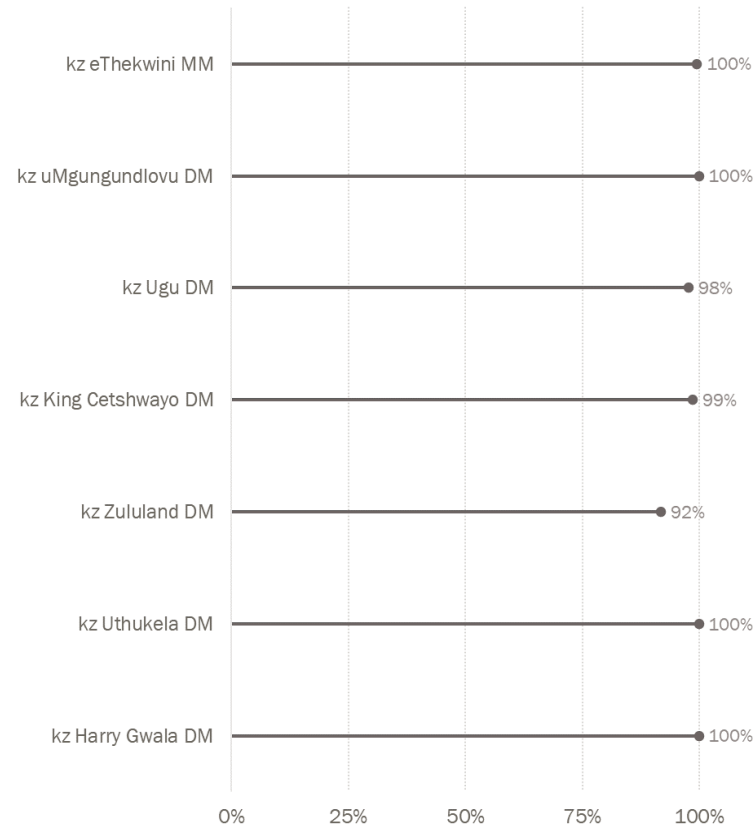
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# Intensified Focus On Improving Capturing Of HIV Results And ART Start Date In TIER.Net For Districts With Sub-optimal Performance

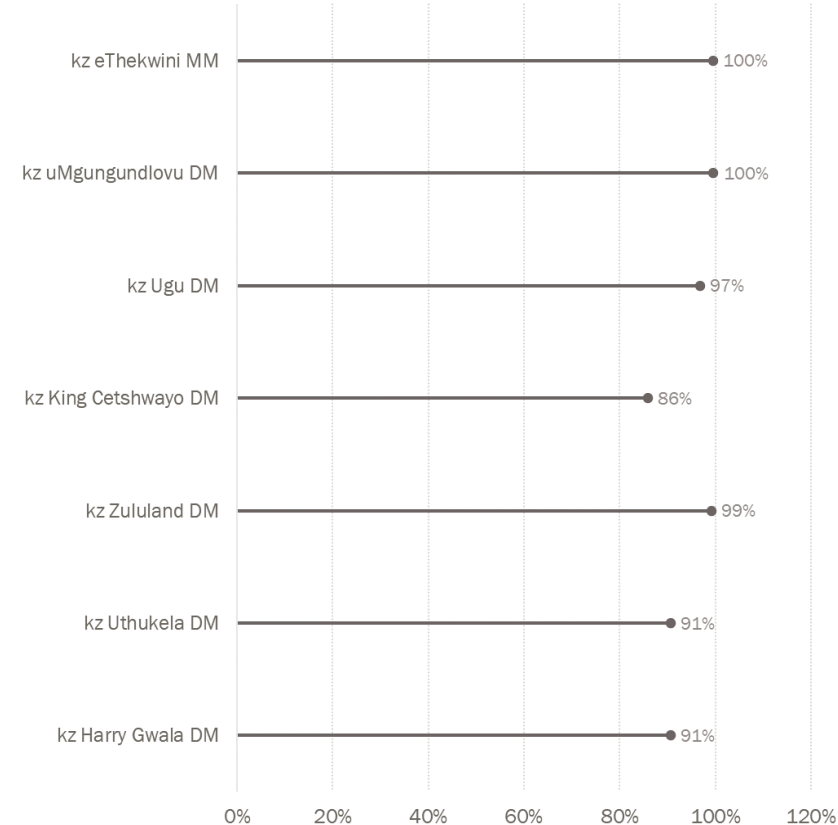
## Highlights

- 4 districts achieved 100% TB\_STAT coverage
- 4 Districts Achieved 100% TB\_ART Coverage
- **Key interventions**
  - **Immediate**
    - Data mop up in districts with coverage <98% is underway
    - Follow up for all patient initiated TB treatment and/or ART in hospital
  - **Long term**
    - Assess if line lists are routinely used at facility level
    - Jointly develop and implement an intervention plan with District management to address low coverage in under-performing districts

% TB CASES WITH DOCUMENTED HIV STATUS BY DISTRICT



% OF HIV+ TB CASES ON ART DURING TB TREATMENT



Data source: POART Shell (Dec 20th)



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# The Need For More Sensitive TB Screening Tools For PLHIV

## Programmatic & data issues:

- The 4 WHO symptom screen has poor sensitivity, especially among patients Already on ART
- Poor documentation of TB screening
- TB screening more feasible in the facility than in the community

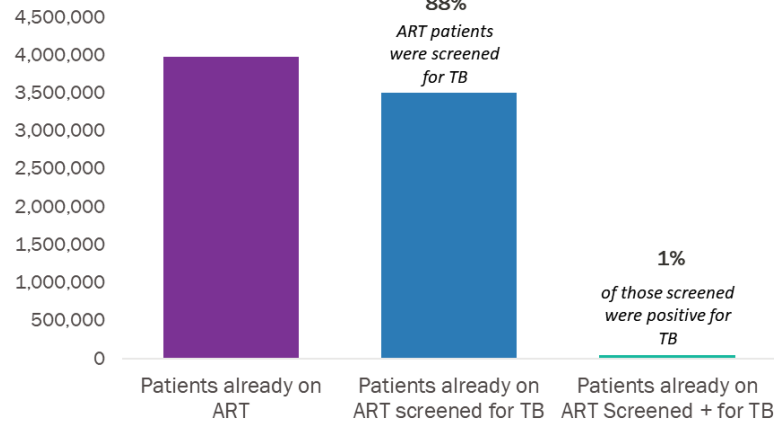
## Remedial actions:

- Support implementation of the new systematic TB screening SOP (TUTT)
- Improve TB screening documentation
- Integrate TB screening in community activities

Data source: POART Shell (Dec 20th)

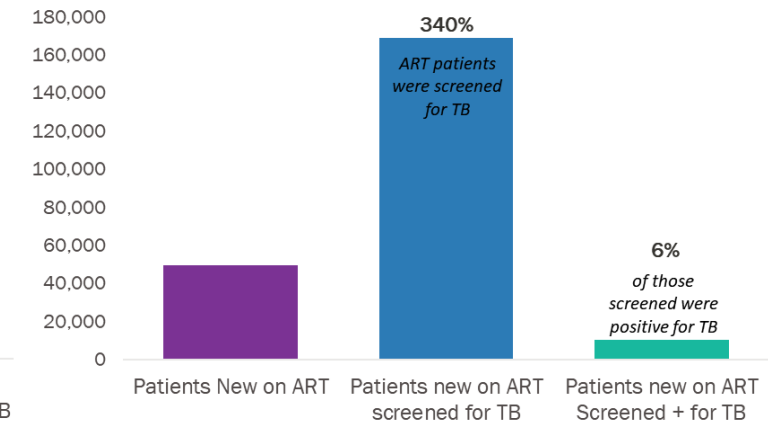


TB SCREENING CASCADE : ALREADY ON ART



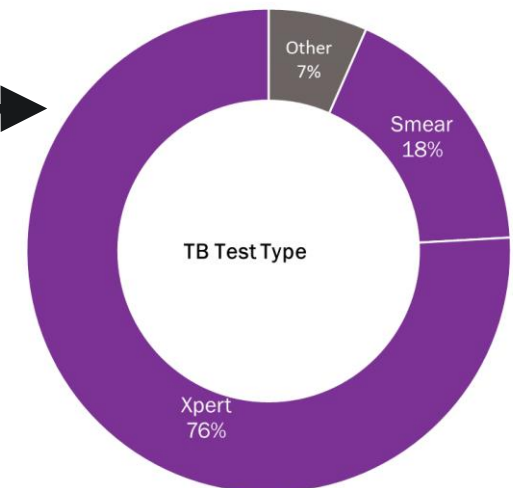
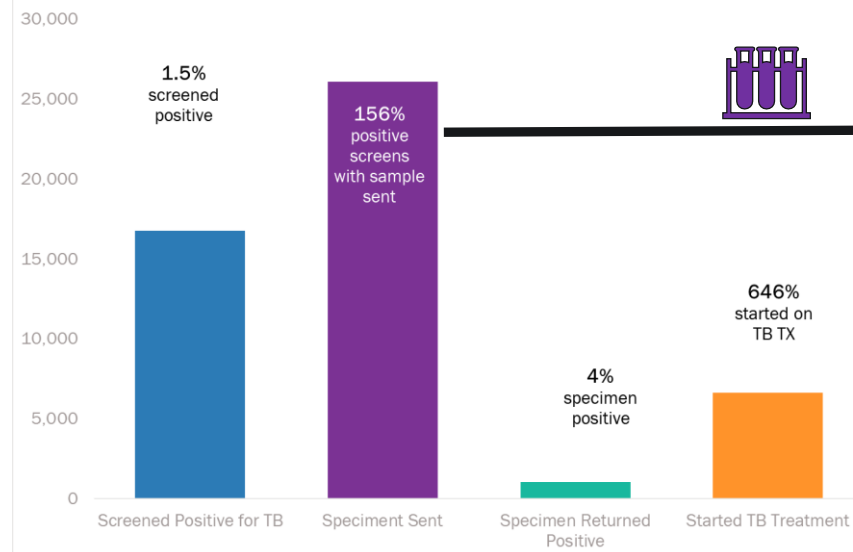
27 focus districts

TB SCREENING CASCADE : NEW ON ART



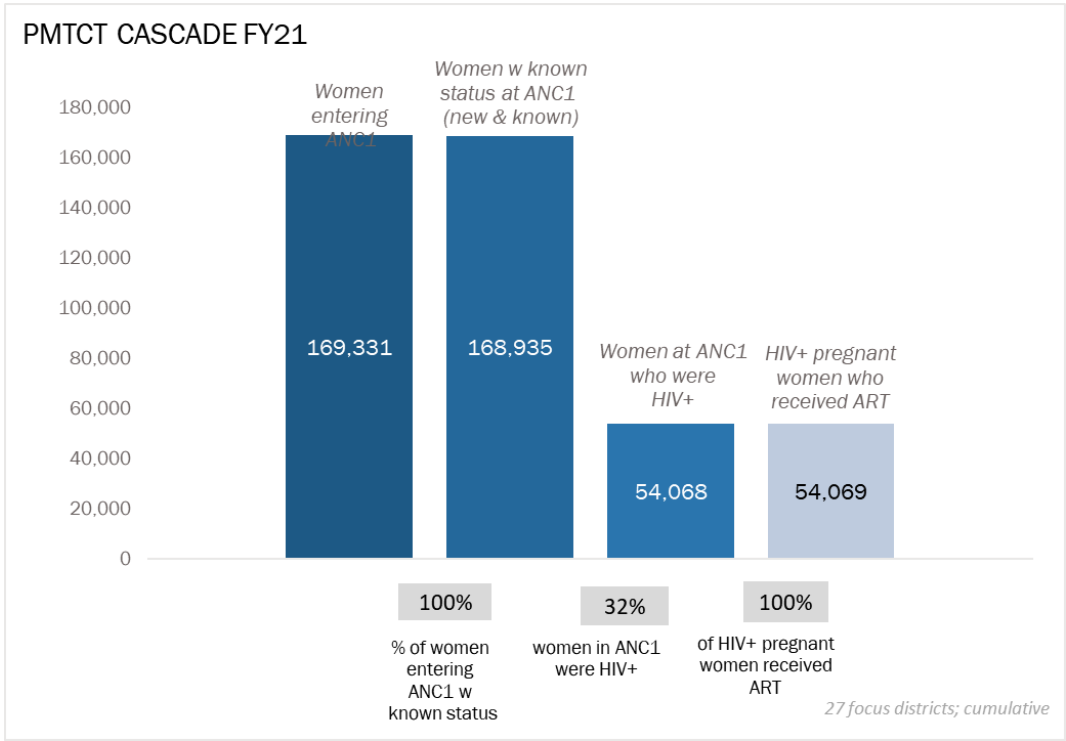
27 focus districts

TB SCREEN POSITIVE CASCADE | FY21Q4

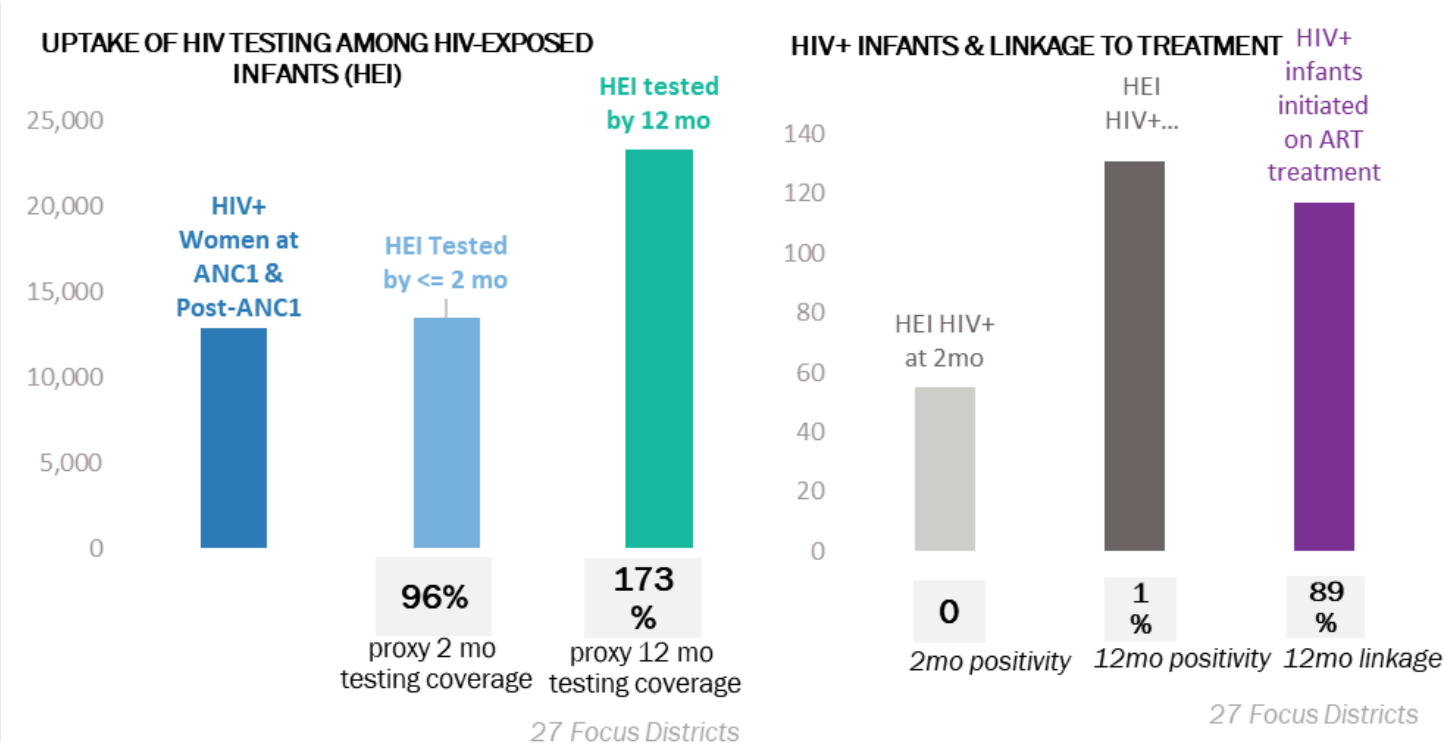


# Strong Performance By PMTCT Program Maintained

- Successes in FY21
  - 100% of pregnant women know their status at the 1st ANC visit
  - 100% ART coverage during pregnancy
- HEI Cascade FY21Q4: Improvement In Linkage Trends To ART
- Testing coverage  $\leq 2$  months at 96%



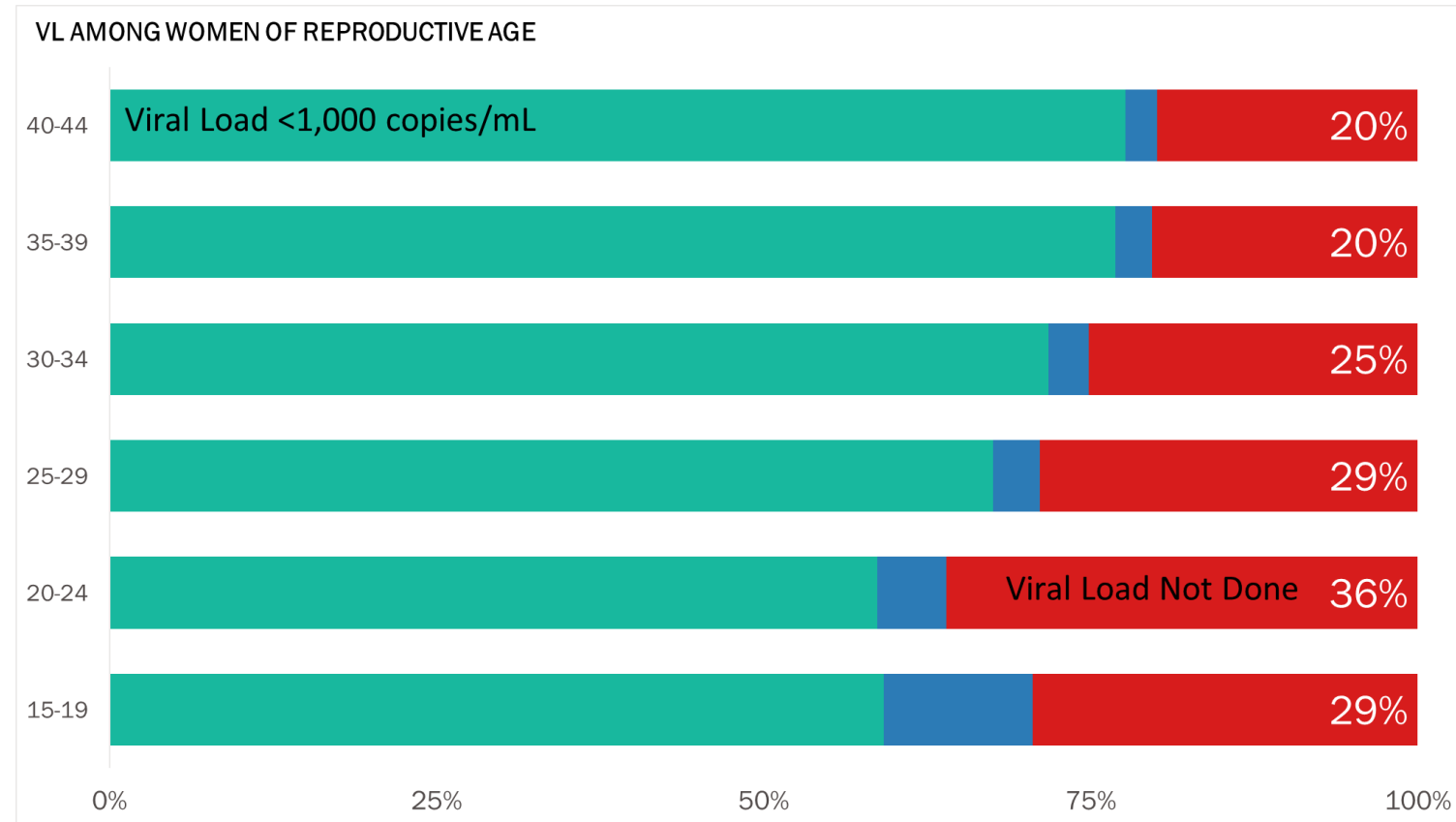
Data source: POART Shell (Dec 20th)



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# Viral Load Coverage And Suppression (<1000copies/ml) Among Women Of Reproductive Age

- Significant Improvement in Viral Load Coverage from FY20Q4 to FY21Q4
- Viral load Suppression <1000 copies/ml improved in all age groups from FY20Q4 to FY21Q4



Data source: POART Shell (Dec 20th)

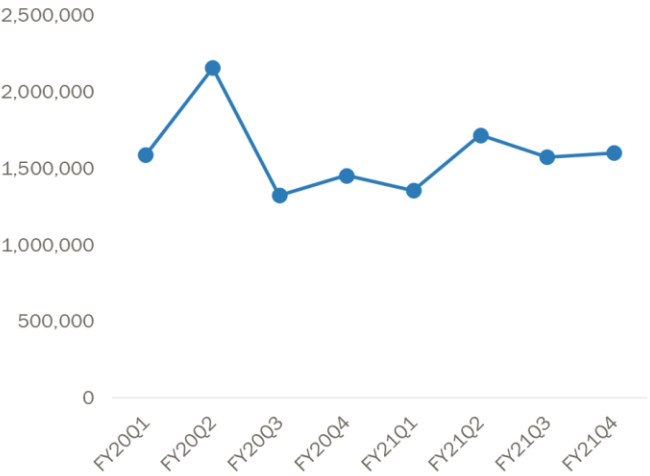


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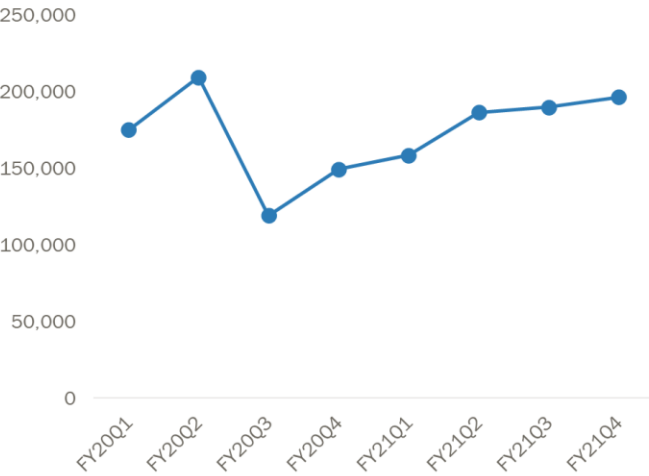
# Testing Improved FY21Q4, But Positive Yields Decreasing/Stagnating Highlights Need For Targeted Testing

Ages 1-9

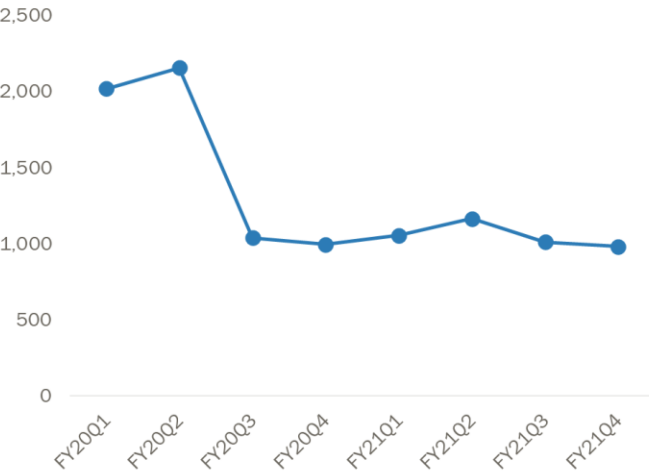
PHC headcount



HTS\_TST

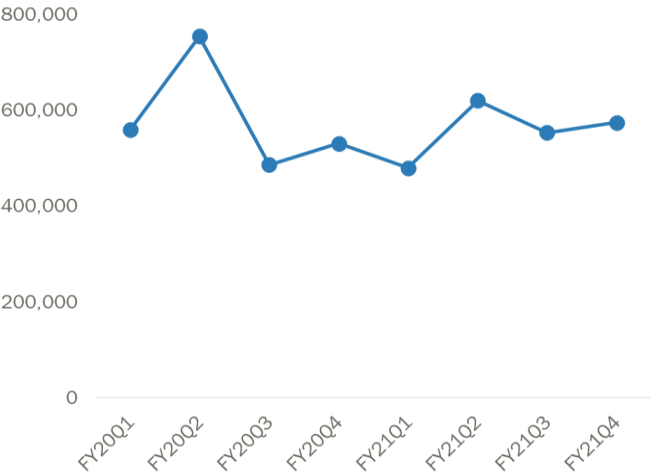


HTS\_TST\_POS

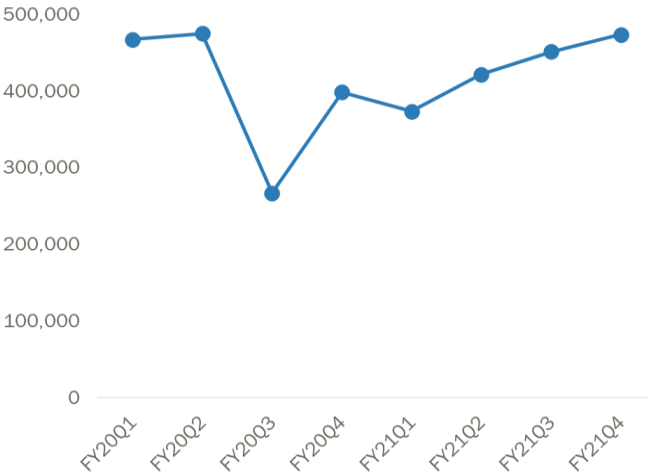


Ages 10-19

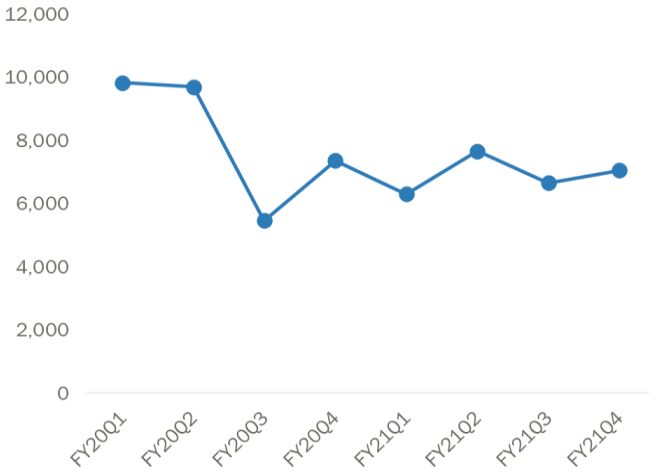
PHC headcount



HTS\_TST



HTS\_TST\_POS

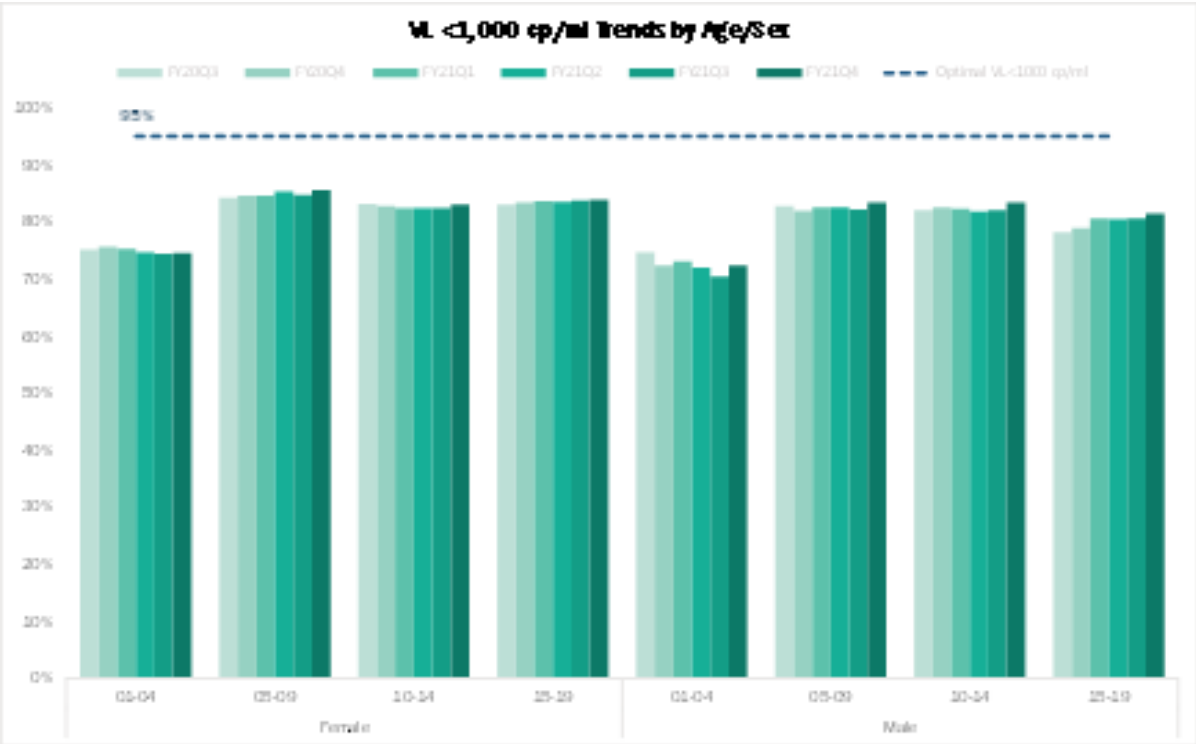
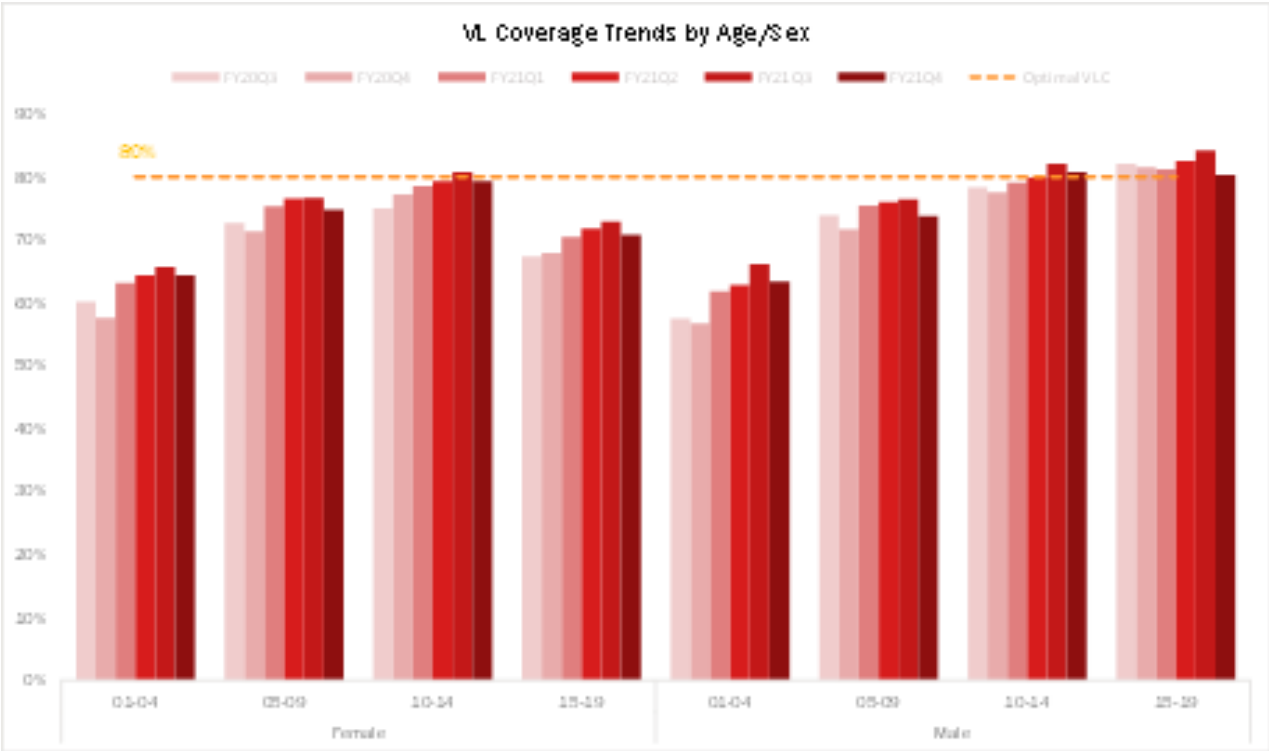


Data source: POART Shell (Dec 20th)



# CLHIV Viral Load Coverage and VL <1,000 cp/mL Trends

- 01-09 year Age groups remain below the targeted thresholds in KZN



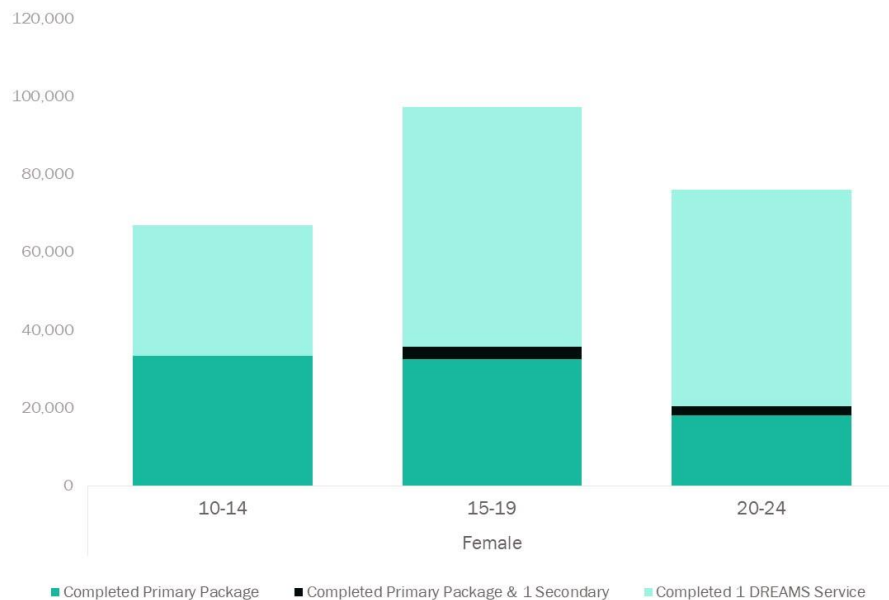
Data source: POART Shell (Dec 20th)



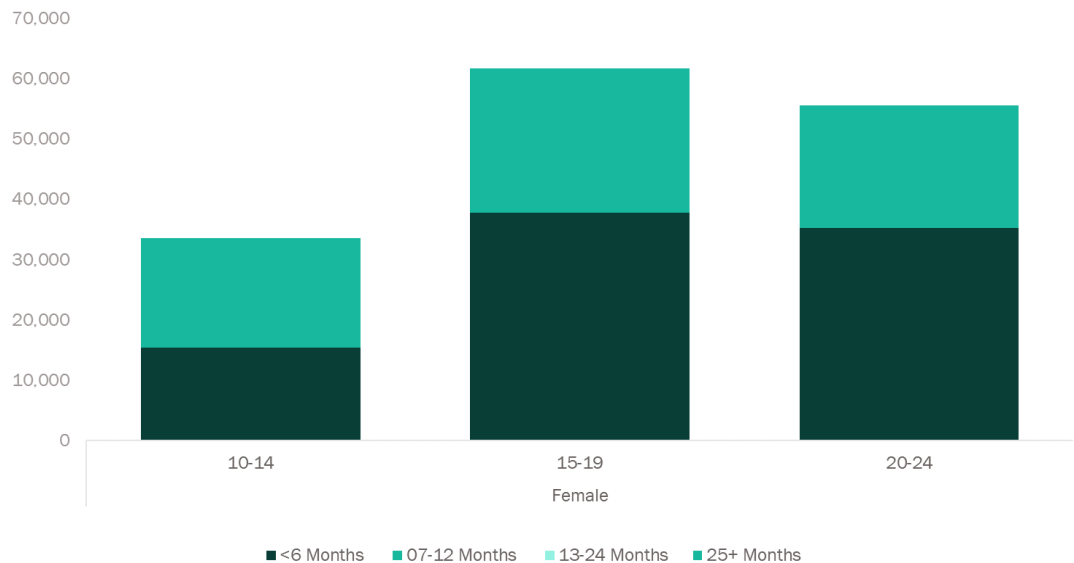
# Majority Of AGYW Completed 1 Service

Integration and co-location of multiple services (one-stop shops) **WORKS!**  
Digital platforms and social media, intensified follow-up (e.g., call centres), and limited incentives (e.g., WiFi access, computer access, loyalty programs, etc.) **WORK!**

PACKAGE COMPLETION BY AGE



SERVICE COMPLETION BY TIME IN DREAMS



Data source: POART Shell (Dec 20<sup>th</sup>)



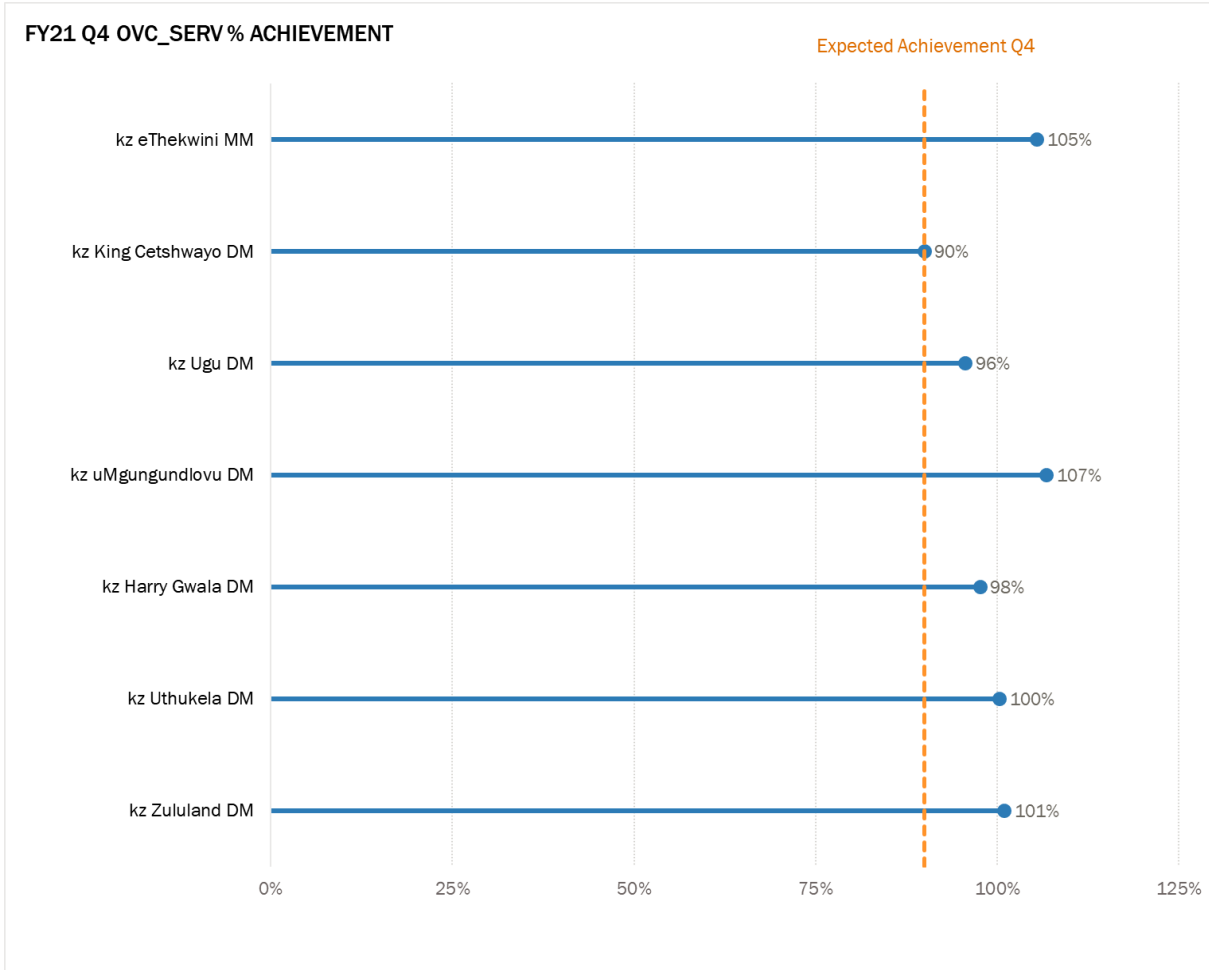
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# FY21 Q4 OVC\_SERV: 101% Achievement Across 3 OVC Models

At Q4 of FY21, the OVC program in KZN achieved 101% of the overall target, and achieved 51% of its graduation targets for households in the OVC Comprehensive Model

	FY21 TOTAL	FY21 TARGETS	FY21 ACHIEVEMENT
<b>OVC_SERV</b>	<b>138,649</b>	<b>136,730</b>	<b>101%</b>
<i>Active</i>	123,815	129,959	95%
<i>Graduated</i>	3,463	6,771	51%
<b>OVC_SERV_OVER_18</b>	<b>12,615</b>	<b>15,341</b>	<b>82%</b>
<b>OVC_SERV_UNDER_18</b>	<b>126,034</b>	<b>121,389</b>	<b>104%</b>
<b>OVC_HIVSTAT</b>	<b>117,283</b>	<b>121,348</b>	<b>97%</b>
<i>Receiving ART</i>	32,688		
<i>Not Receiving ART</i>	1		
<i>No HIV Status</i>	6,750		
<i>Test Not Required</i>	4,231		



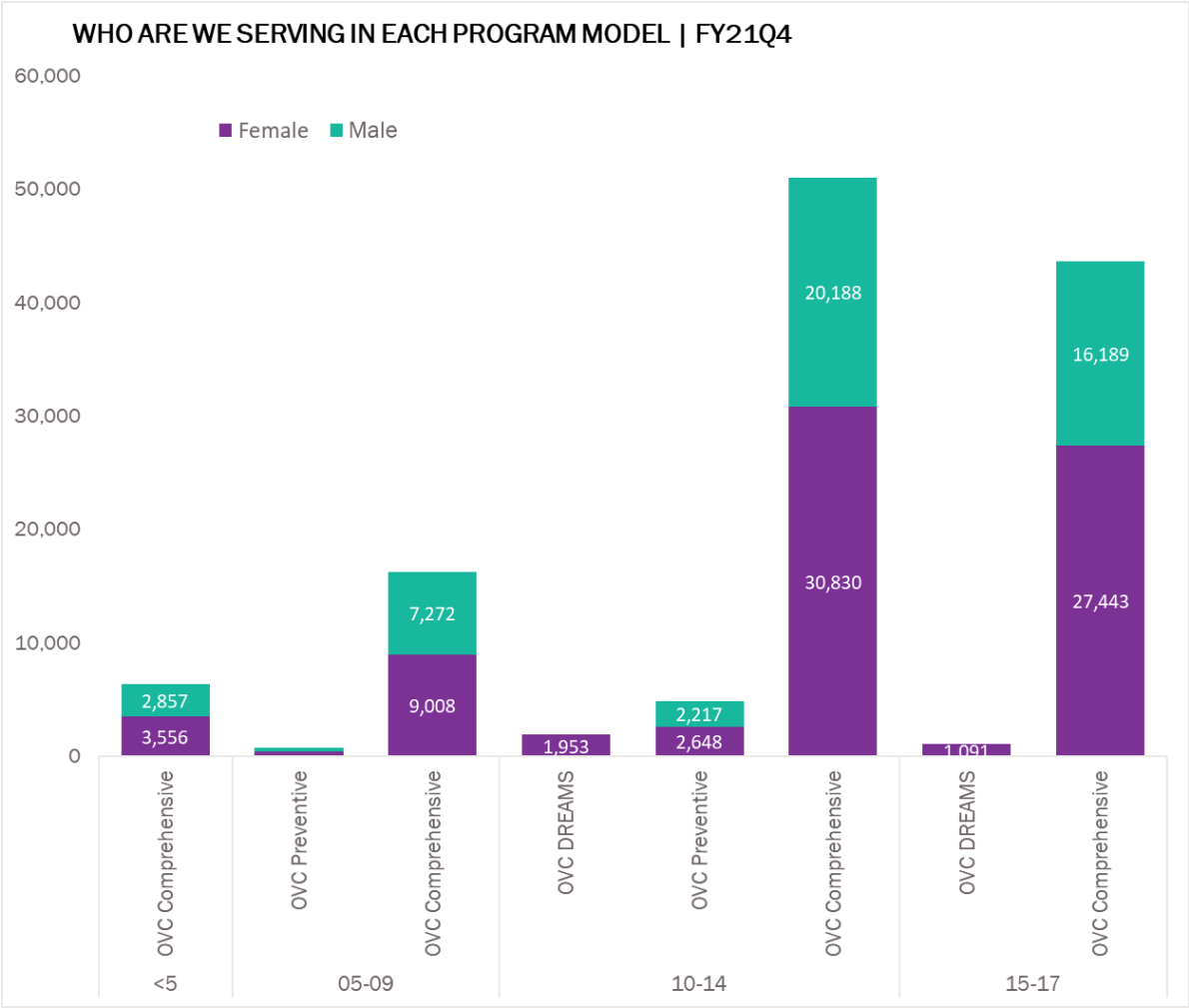
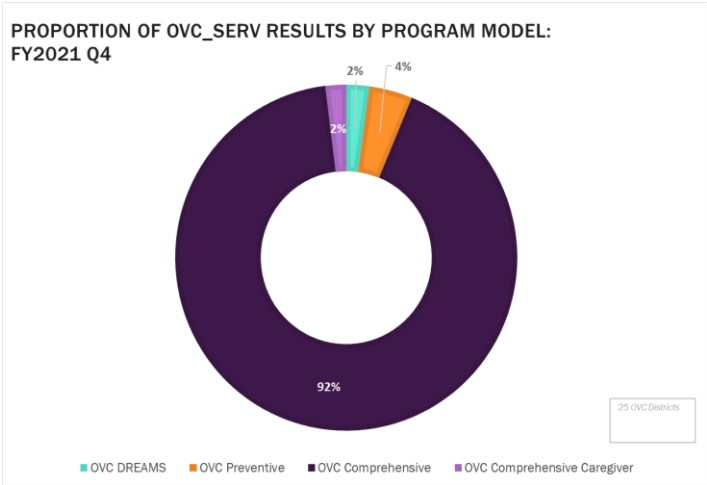
Data source: POART Shell (Dec 20th)



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# OVC\_SERV Program Model 92% Focused On Comprehensive Model in KZN

- The OVC Preventive stream contributed 4%
- OVC DREAMS FS contributed 2% of the overall result for OVC\_SERV.
- These results are largely due to the challenges in administering group-based multi-session interventions within the stricter COVID-19 restrictions.



Data source: POART Shell (Dec 20th)



# FY21 Q4 OVC\_HIVSTAT Cascade: 94% Known Status

- In quarter 4 of FY21, 94% of enrolled children **in the OVC Comprehensive program** had a known status reported to the implementing partners (as tracked in the OVC\_HIVSTAT indicator) and **22% of the children and adolescents in the Comprehensive program are living with HIV**

OVC\_HIVSTAT CASCADE FY21Q4



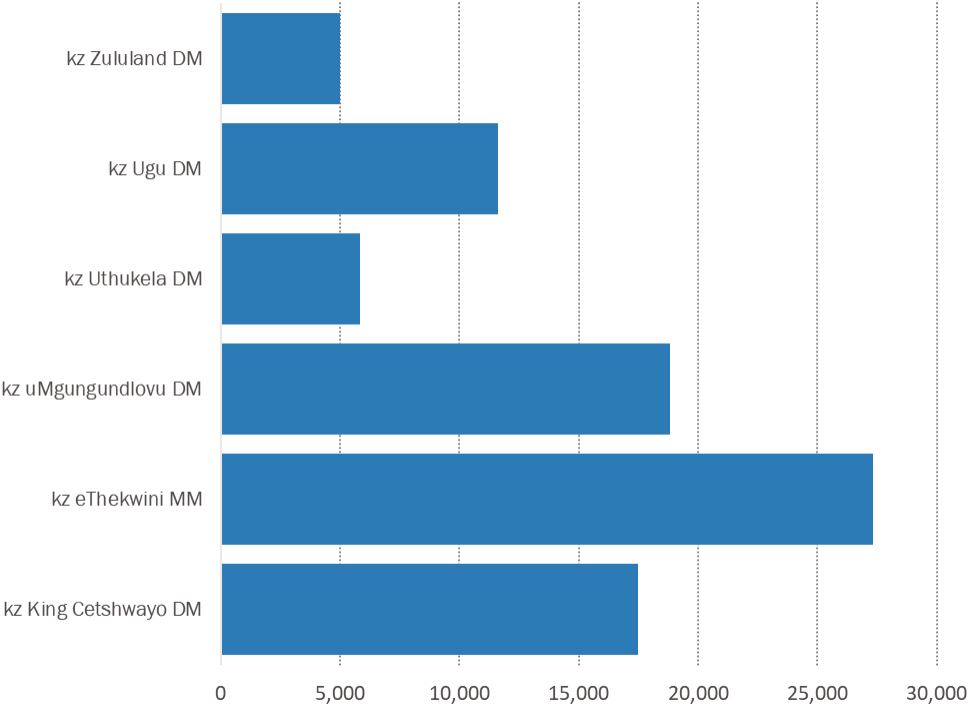
Data source: POART Shell (Dec 20<sup>th</sup>)



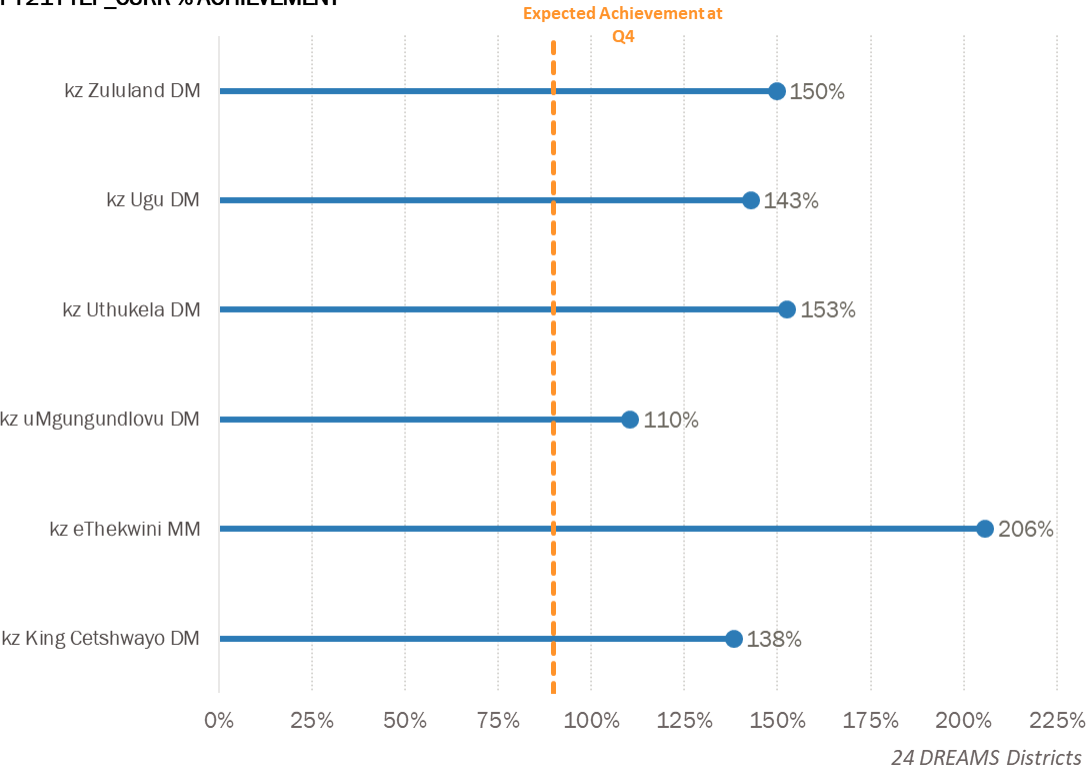
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# PrEP\_CURR Targets Exceeded in All Districts

FY21 PrEP\_CURR RESULTS V TARGETS



FY21 PrEP\_CURR % ACHIEVEMENT

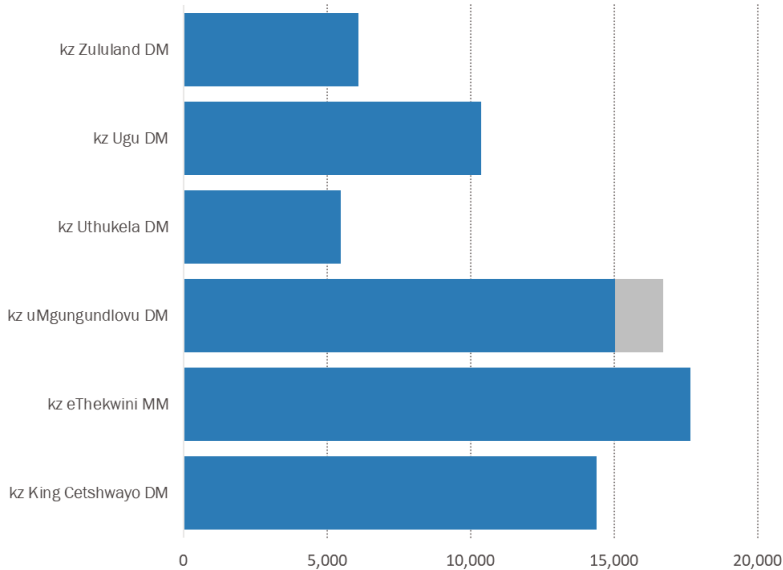


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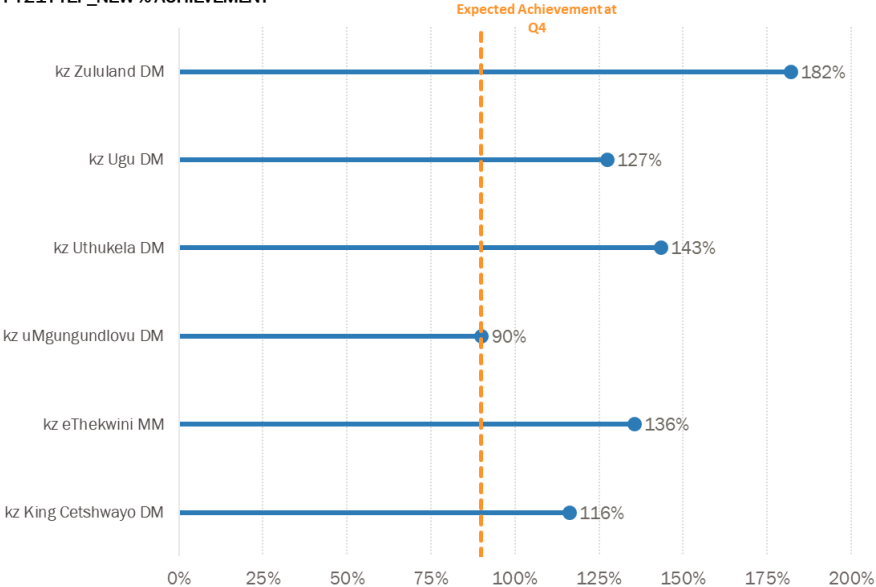
Data source: POART Shell (Dec 20<sup>th</sup>)

# PrEP\_NEW Targets Reached in All Districts

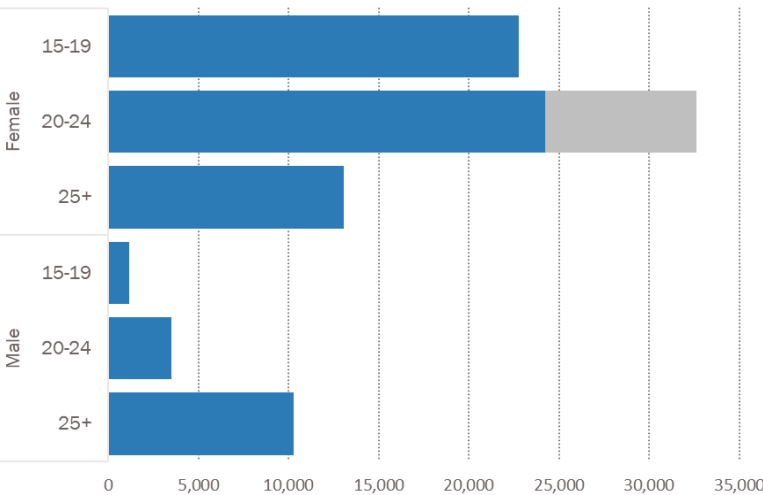
FY21 PrEP\_NEW RESULTS V TARGETS



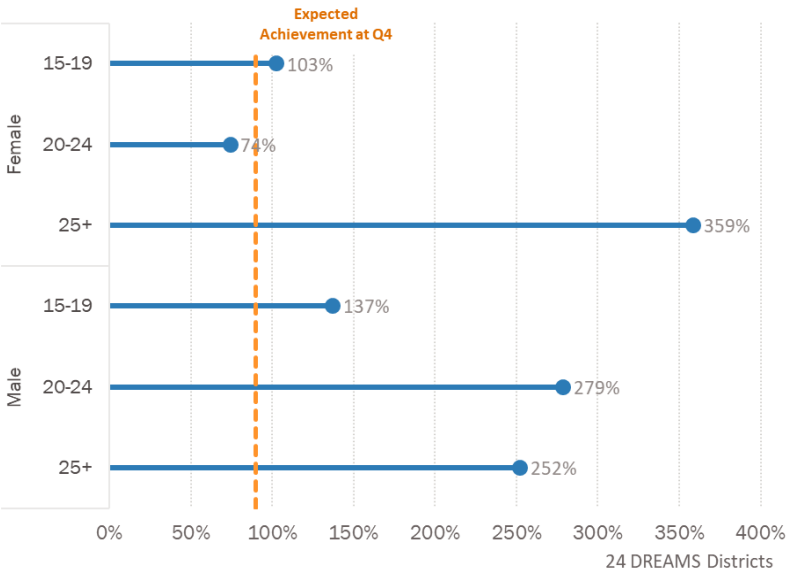
FY21 PrEP\_NEW % ACHIEVEMENT



FY21 PrEP\_NEW RESULTS V TARGETS



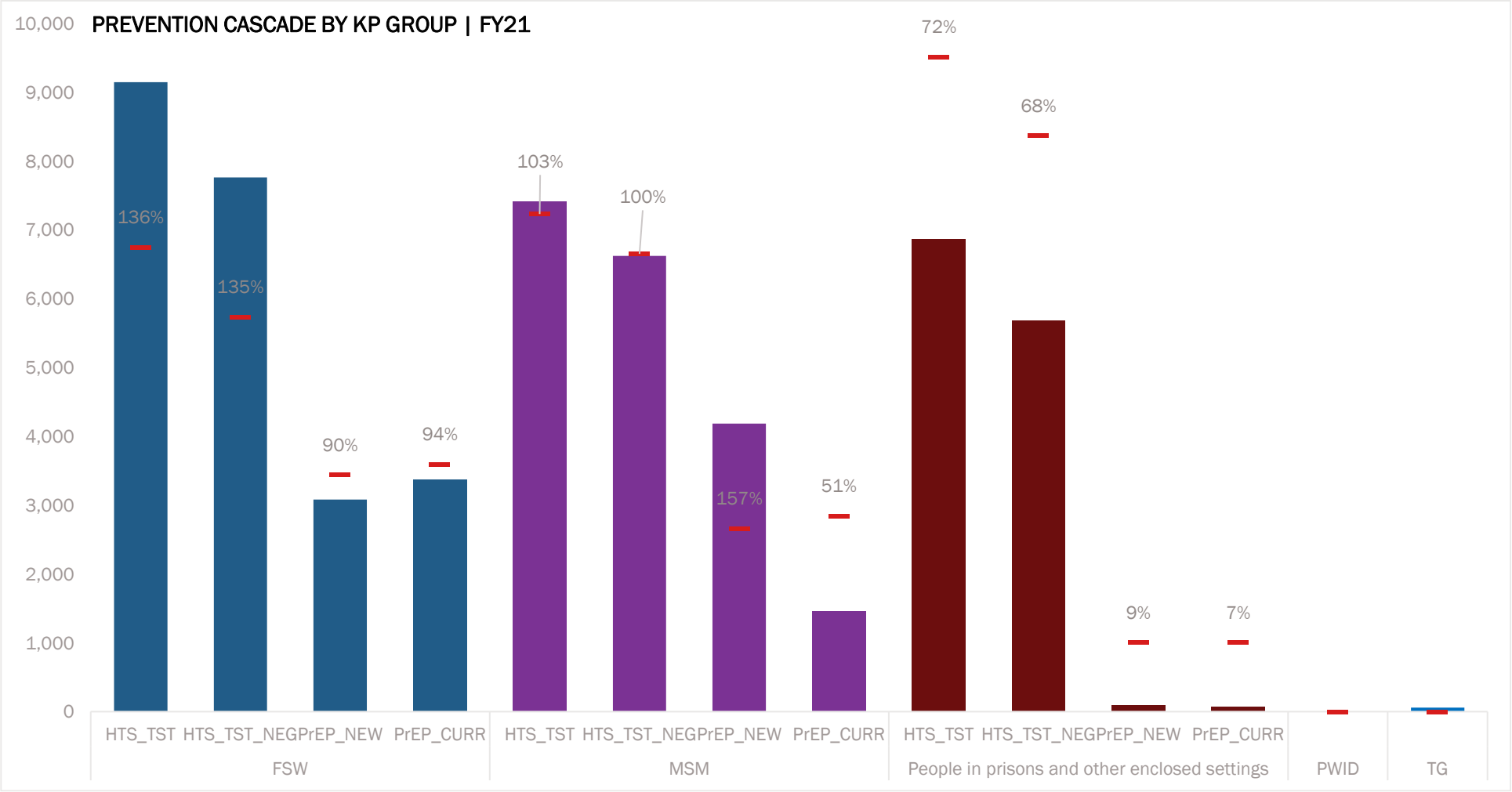
FY21 PrEP\_NEW % ACHIEVEMENT



Data source: POART Shell (Dec 20<sup>th</sup>)



# KP Prevention Cascade

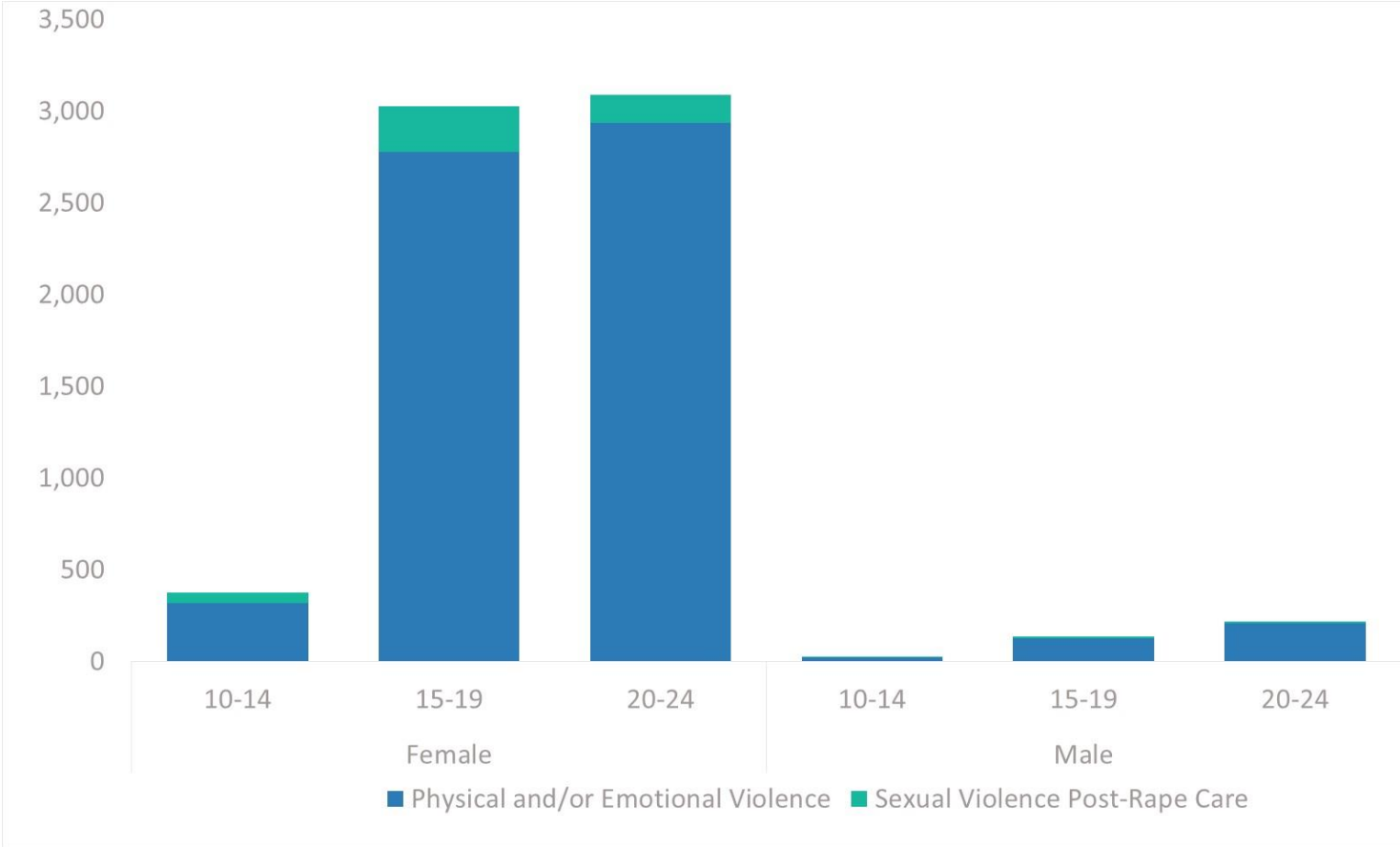


Data source: POART Shell (Dec 20<sup>th</sup>)



**18 YEARS OF SAVING LIVES THROUGH AMERICAN GENEROSITY AND PARTNERSHIPS**



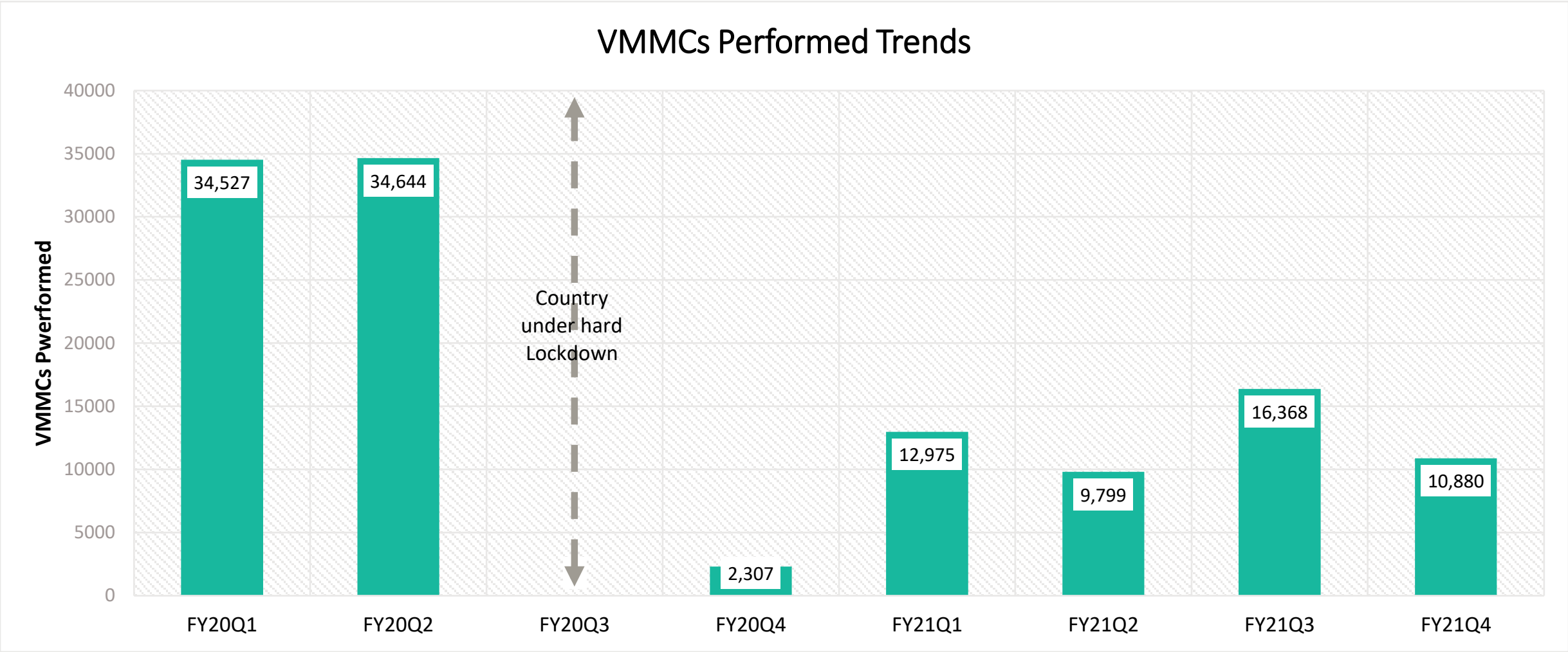


Data source: POART Shell (Dec 20<sup>th</sup>)



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# VMMC Program Rebound Remains Challenging



Data source: POART Shell (Dec 20<sup>th</sup>)



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# PEPFAR

U.S. President's Emergency Plan for AIDS Relief



# Thank You!

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