



UNITED FOR A STRONGER COMMUNITY

Napneung Symposium

**HIV Testing and Enhanced Prevention To End the HIV Epidemic  
Bangkok, 23 June 2023**

# **Access to HIV-syphilis Testing in Cambodia: Experience from Community-Based Non- Governmental Organization**

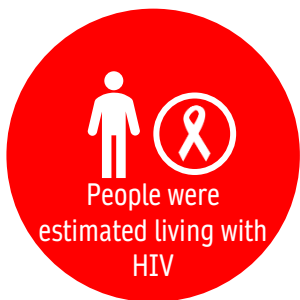
**Presented by: Sovannary Tuot**  
*Deputy Chief of Party/Research Manager*  
KHANA

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- Snapshot of HIV epidemic in Cambodia
- Key strategy for HIV epidemic control
- History and guidelines of HIV testing in Cambodia
- HIV testing coverage
- HIV testing procedure
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- Challenges/overcome

# Snapshot of HIV epidemic in Cambodia | 2023

**76,000**



**86%**



**99%**



**97%**



## Cambodia HIV Prevalence

 **0.5%**

Adult population aged 15-49 AEM 2023



**4.9%**

EW IBBS 2022



**4.0%**

MSM IBBS 2019



**9.6%**

TG IBBS 2019



**5.7%**

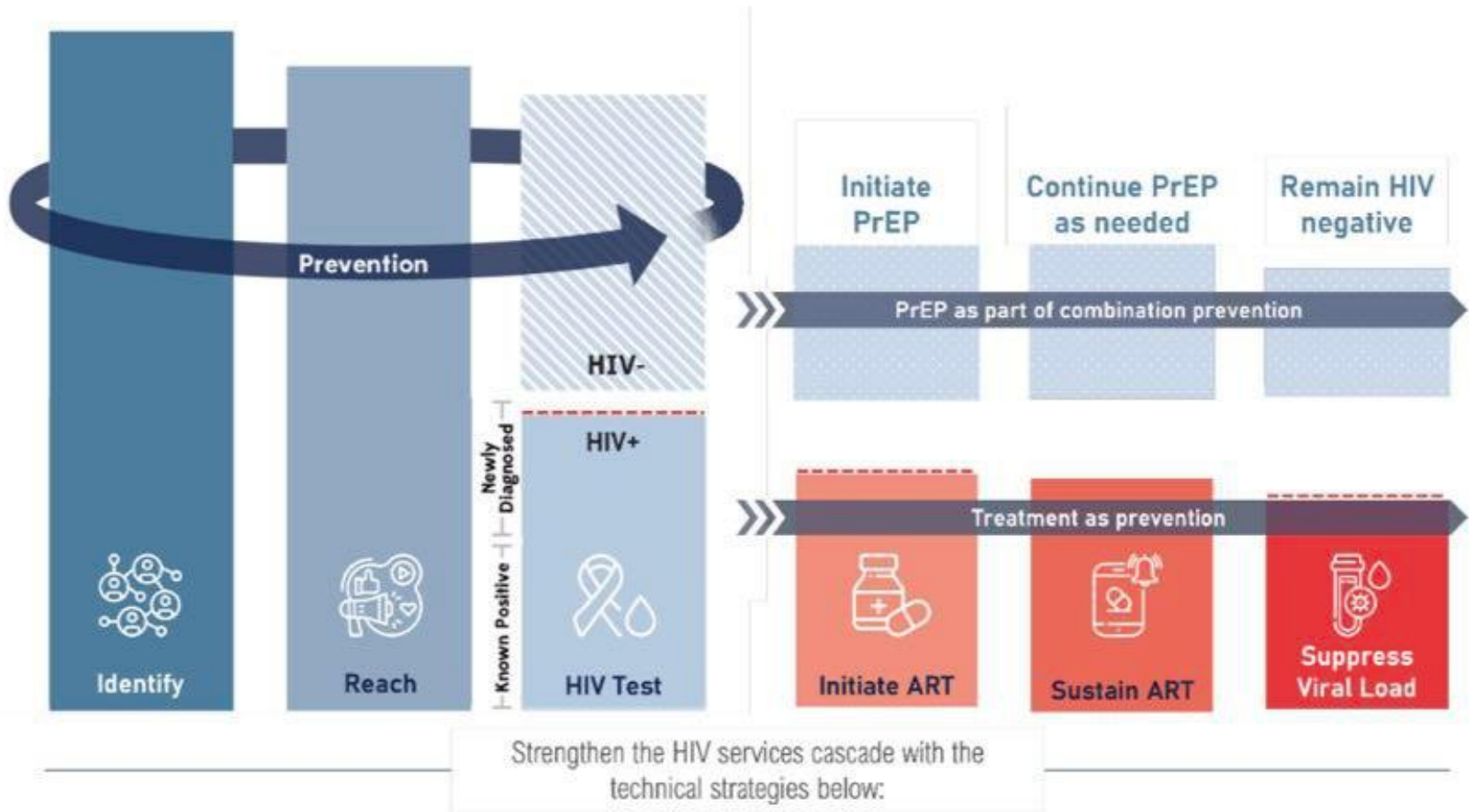
PWUD IBBS 2017



**15.2%**

PWID IBBS 2017

# Key Strategy for HIV Epidemic Control



# Current guidelines

និយាមបែបបទសម្រាប់អនុវត្តយុទ្ធវិធី  
ជំរុញខ្លាំងក្លាសេវាបង្ការ ថែទាំ និងព្យាបាលបន្ត  
ដល់ក្រុមប្រឈមទៅនឹងការឆ្លងមេរោគអេដស៍នៅកម្ពុជា



ក្រសួងសុខាភិបាល

គោលការណ៍ណែនាំជាតិរួមបញ្ចូលគ្នាស្តី  
អំពីសេវាធ្វើតេស្តឈាមរកមេរោគអេដស៍  
នៅប្រទេសកម្ពុជា



Ministry of Health

## STANDARD OPERATIONAL PROCEDURE FOR

### PARTNER NOTIFICATION SERVICES AND OTHER FORMS OF INDEX CLIENT TESTING

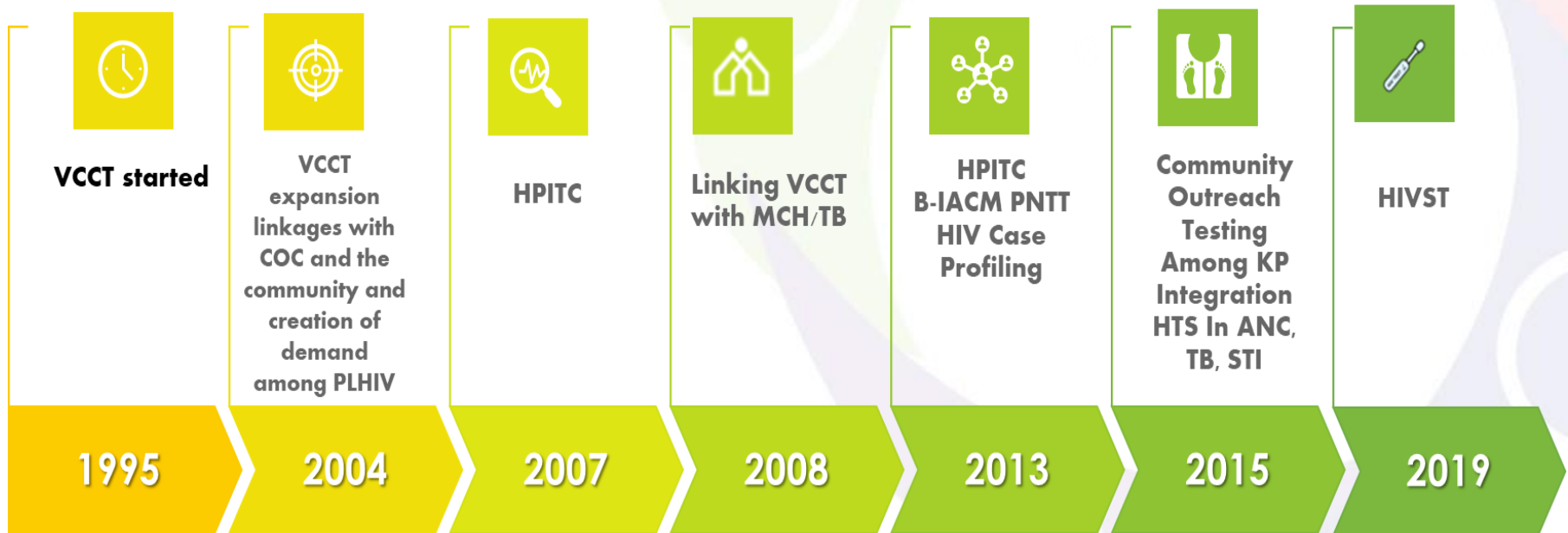


Ministry of Health

Guidance Note for  
the Implementation of HIVST in Partner Notification,  
Tracing and Testing Approach at ART Services

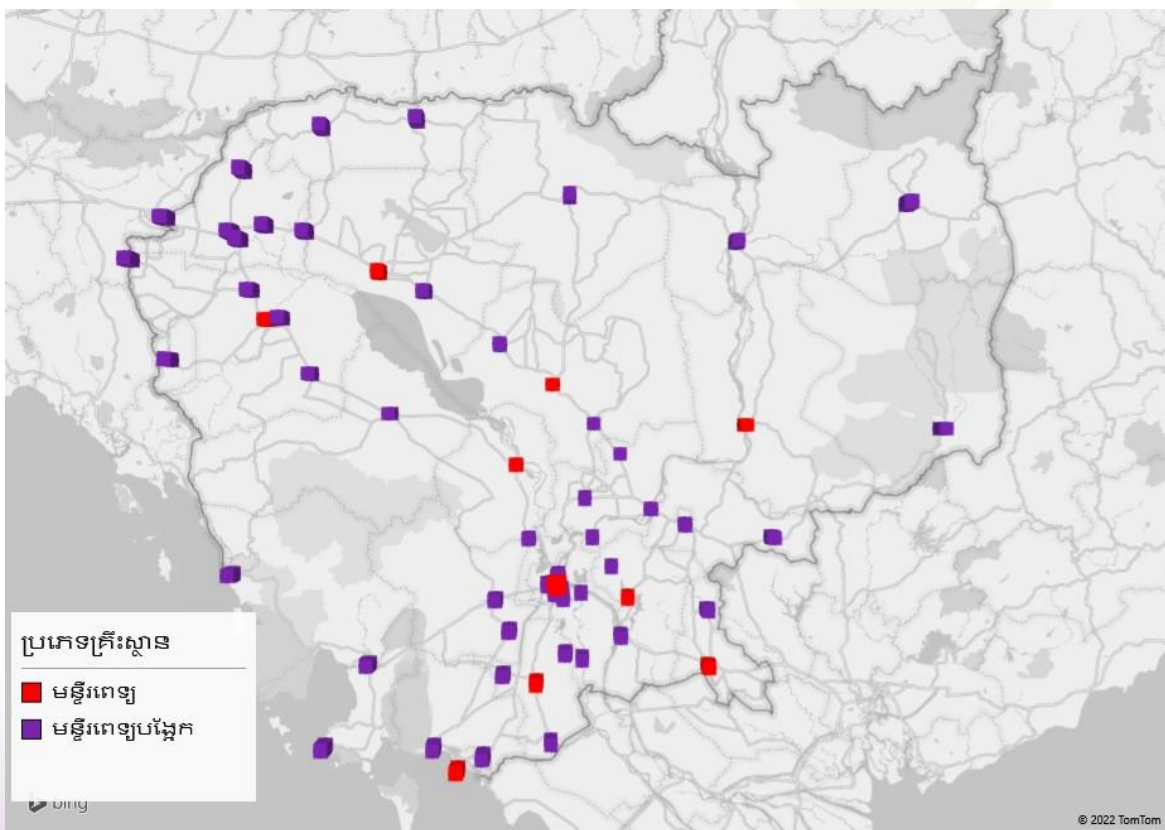
June 2021

# History of HIV testing in Cambodia (1995-2023)



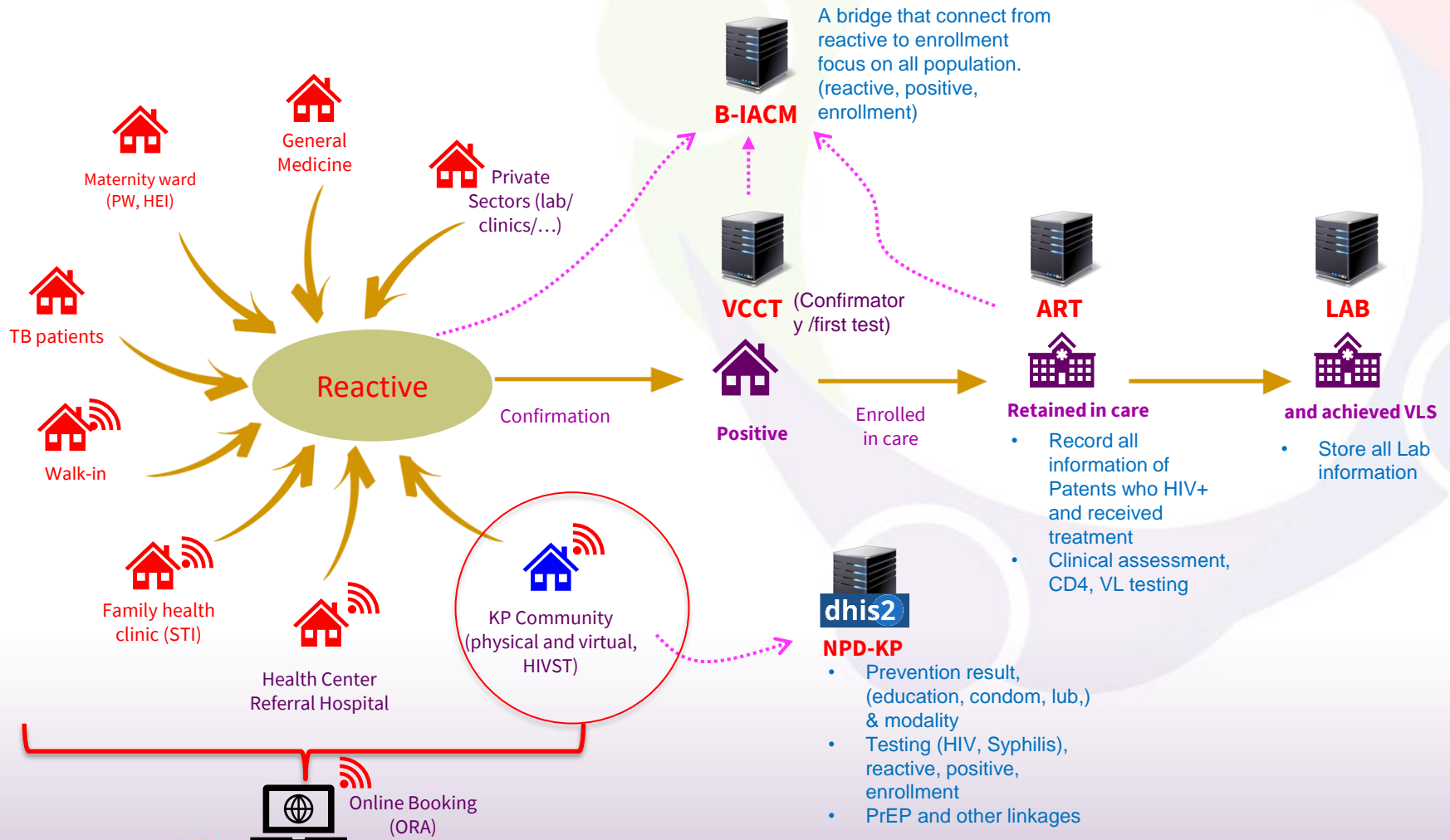
Source: NCHADS, 2023

# HIV testing coverage: public health facilities and community in Cambodia, 2023



In addition, Community-based and Mobile Testing using finger prick and HIV self-test among key population operate in 23/25 provinces

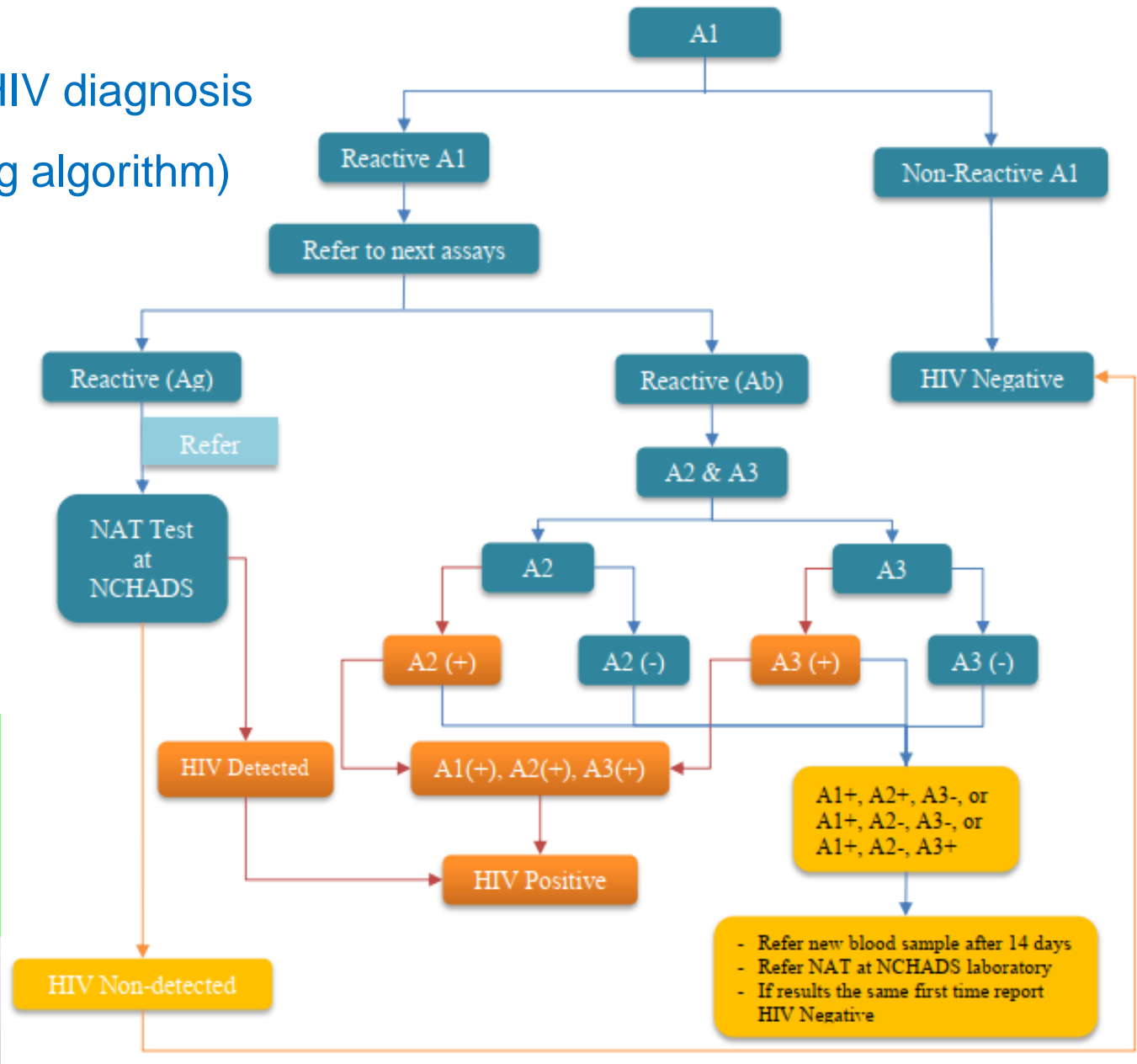
# HIV Test Procedure



Source: NCHADS, 2023



# Testing strategy for HIV diagnosis (National HIV testing algorithm)



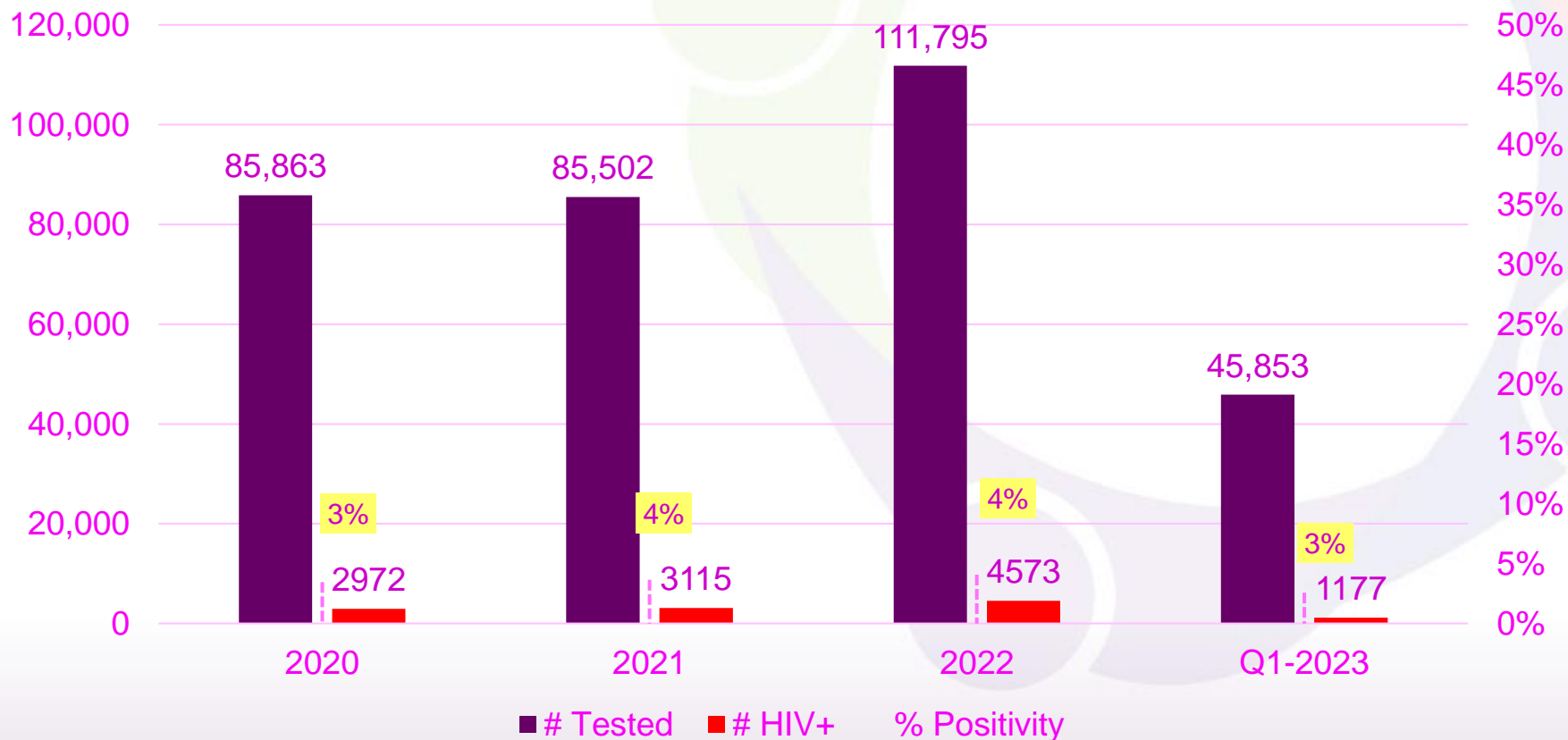
A1= Abbott DETERMINE™  
HIV EARLY DETECT  
A2: HIV1/2 STAT-PAK®  
A3: Uni-Gold™ HIV

# National HIV Testing and Reagents Guideline

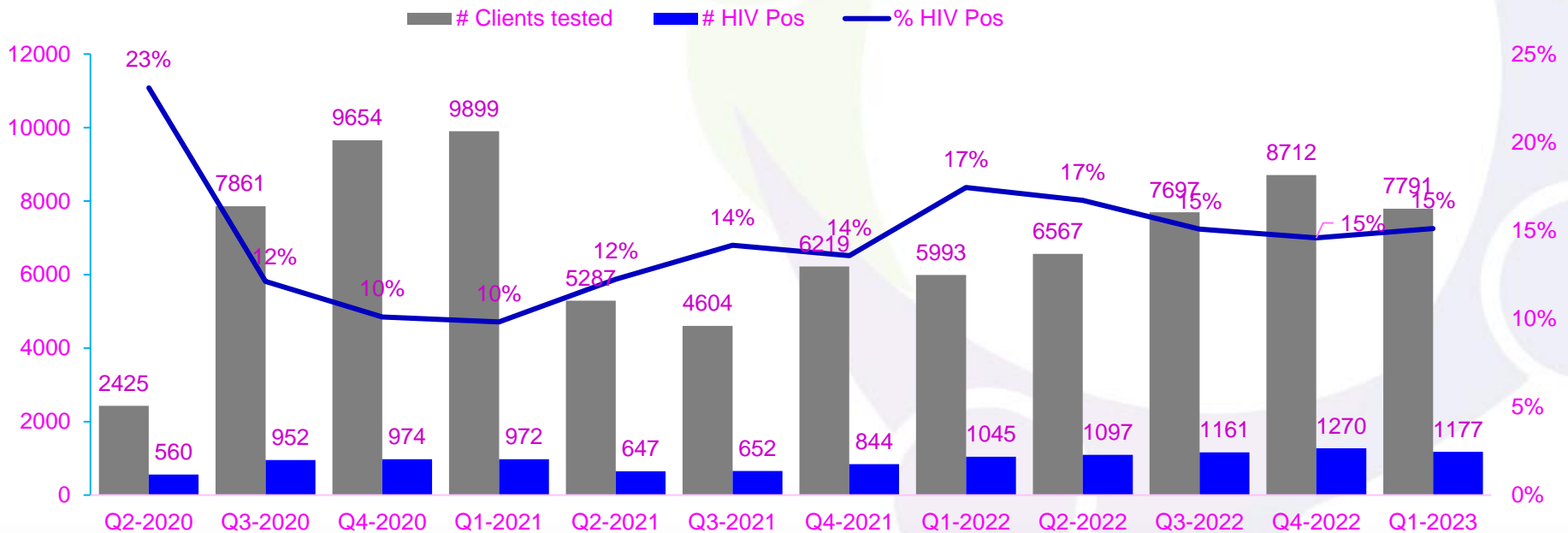
- **HTS at Health Center Level**
  - Bioline™ HIV/Syphilis Duo for pregnant women and STI
  - Abbott DETERMINE™ HIV EARLY DETECT for general population, TB and pregnant women's partner
  - HIVST HIV ½ “for KPs and partner
  - HIVST HIV ½ for HIV Positive partner
- **HTS for Community for Key Populations**
  - Bioline™ HIV/Syphilis Duo
  - HIVST HIV ½ [ORAQUICK® HIV Self-Test]
- **HTS for ART(VCCT)**
  - Alere Combo HIV1/2 ∩ Abbott™ DETERMINE HIV EARLY DETECT (Reactive: A1)
  - Stat Pak HIV1/2 (Reactive: A2)
  - Uni Gold HIV1/2 (Reactive: A3)
  - Recency [Asente™ HIV-1 Rapid Recency™ Assay ]

*\*Note: Abbott™ DETERMINE HIV EARLY DETECT | Alere Combo HIV1/2  
Bioline™ TM HIV/Syphilis Duo | SD HIV/Syphilis Duo*

# Key achievements: HIV Testing Results (2020 – Q1-2023)-National



# HIV Testing Result by quarter 2020 – 2023



Source: NCHADS, 2023

**Still with differentiated models: physical, virtual, HIV Self-test, PrEP, Chatline**



**PrEP មួយថ្ងៃមួយគ្រាប់ តាមរយៈអ្នកពីការឆ្លងមេរោគអេដស៍**

**តេស្តរកមេរោគអេដស៍ ដើម្បីធានាថាអ្នកមានសុខភាពល្អ និងរៀបចំផែនការជីវិតបានកាន់តែប្រសើរ!**

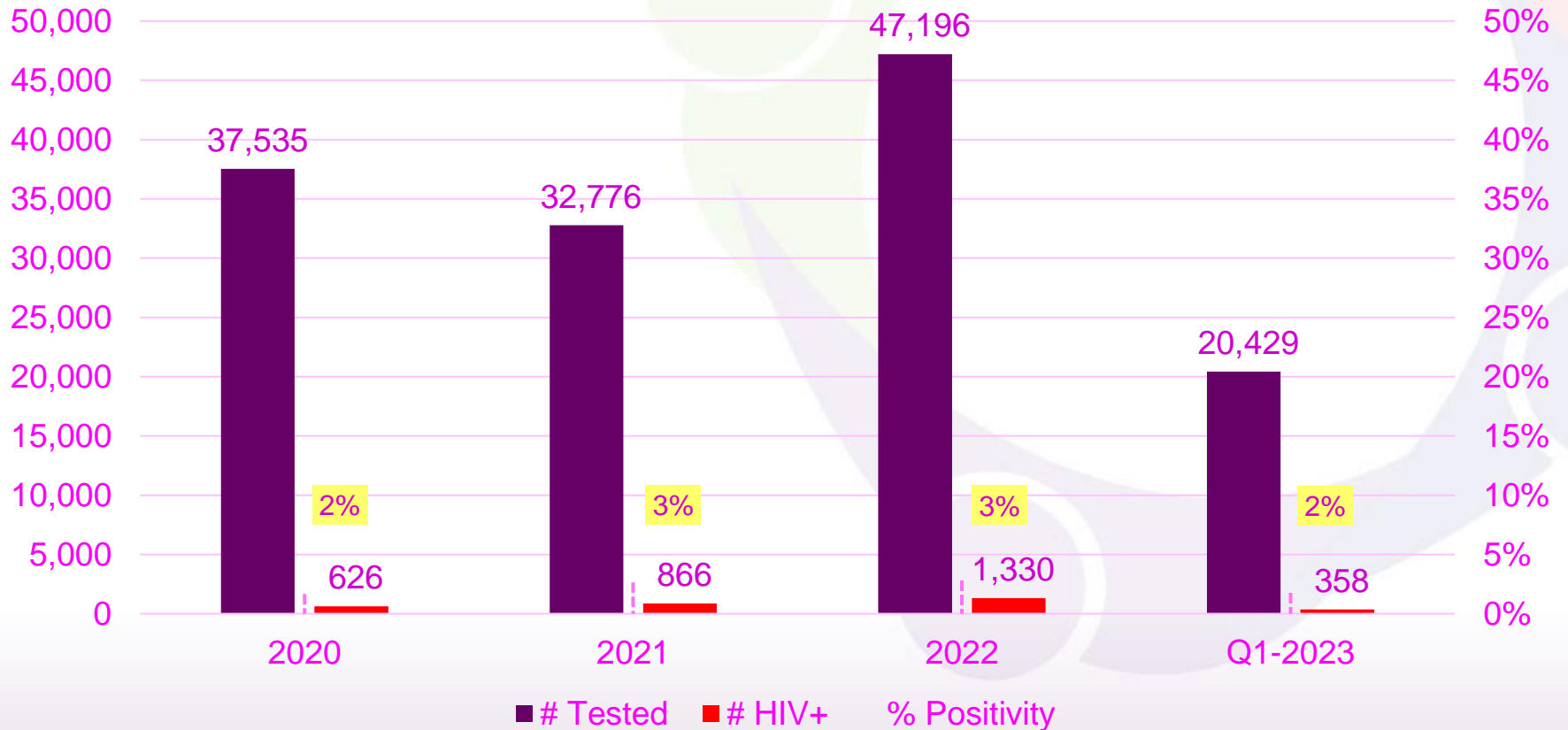
មិនមានការឈឺចាប់  
តាមវគ្គ  
ដឹងស្ថានភាពរបស់អ្នក ក្នុងរយៈពេល២០នាទី  
រក្សាភាសេម្ងាត់

**ធ្វើតេស្តរកមេរោគអេដស៍ ដោយខ្លួនឯងឥឡូវនេះ!** សម្រាប់ព័ត៌មានបន្ថែម សូមទូរស័ព្ទមកកាន់លេខ : 069 466 272

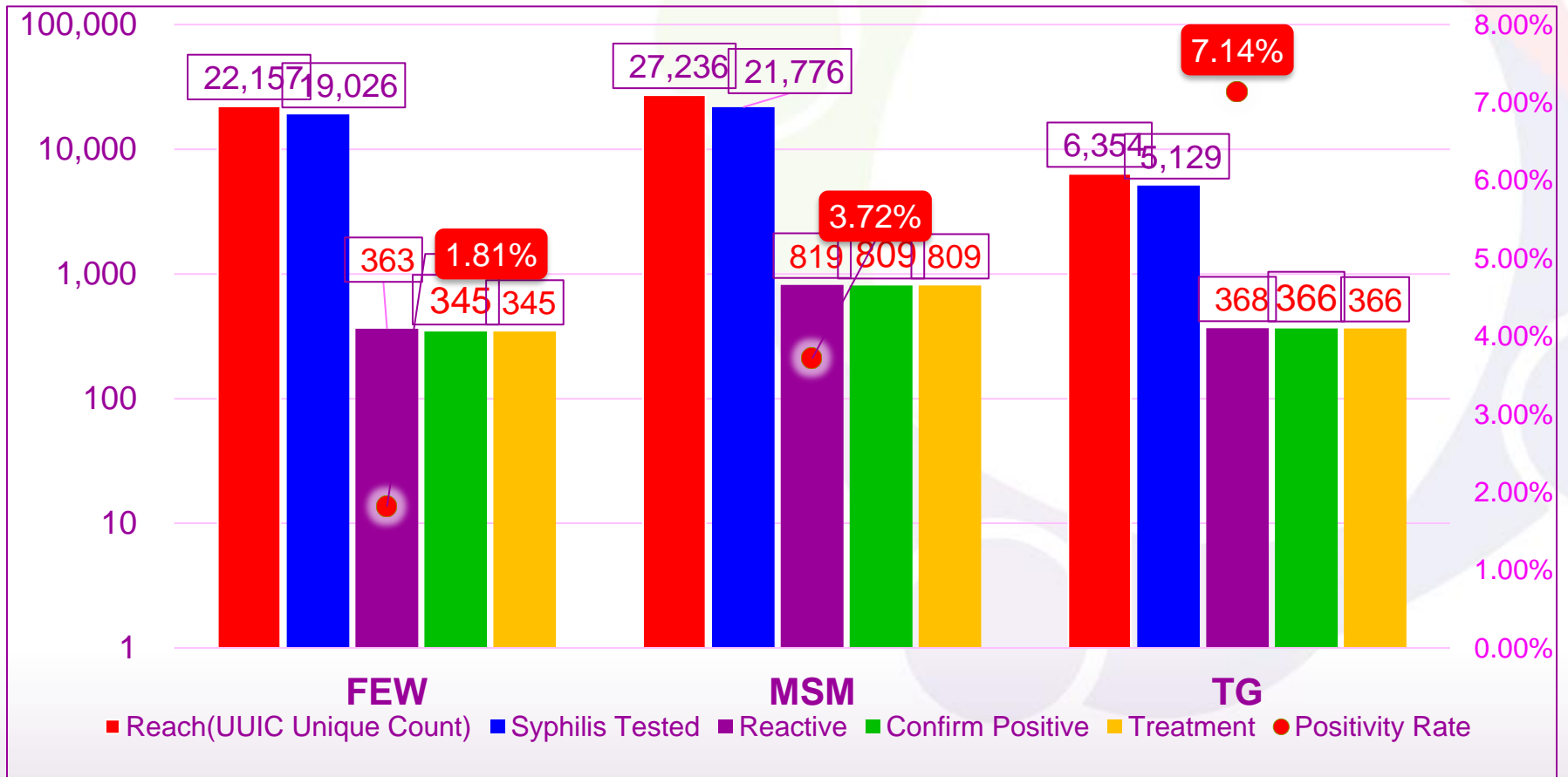
**អ្នកខ្លាចឆ្លងមេរោគអេដស៍! ប៉ុន្តែសូមអ្នកកុំខ្លាចលទ្ធផលតេស្តរកមេរោគអេដស៍ តេស្តរកមេរោគអេដស៍នៅថ្ងៃនេះ!**

**069 803 700 / 016 854 555 / 016 908 124**

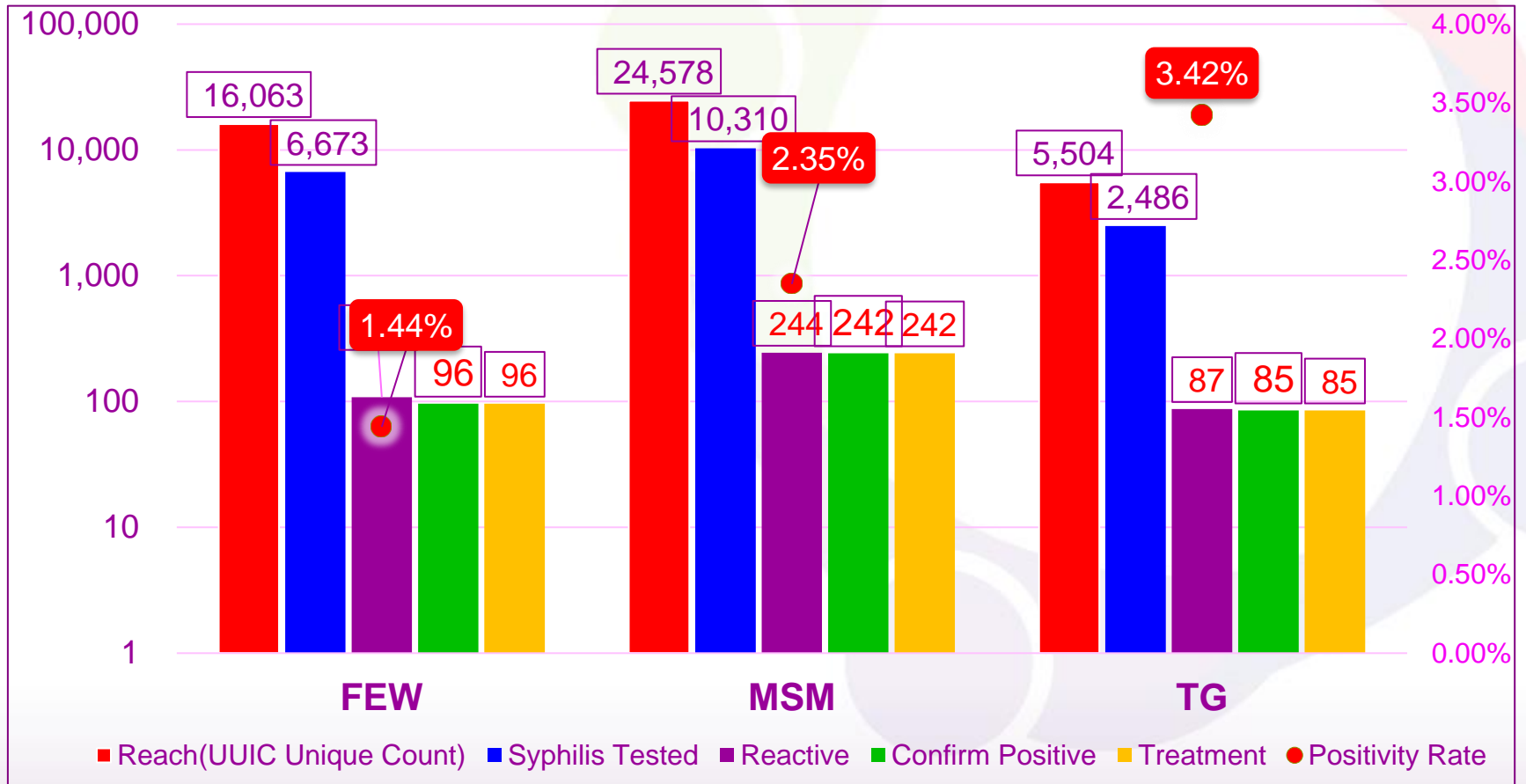
# HIV Testing Result among Key Populations (2020 – Q1-2023)



# Syphilis Cascade by Key Population in 2022



# Syphilis Cascade by Key Population from Jan-Mar 2023





# Key Challenges and Overcome

- Hard to reach and test Key Population (KP) during COVID-19 outbreak
  - Reach them through social media
  - Promote HIVST
- Temporary shortfall of test kits
  - Maximize HIVST
  - Determine Test (Alere Combo)



**Thank You for Your Attentions!**

**Q&A**