



# 90-90-90 Targets Update

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# Urban-Level 90-90-90 Targets: Progress and Experience from Thailand

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Centre

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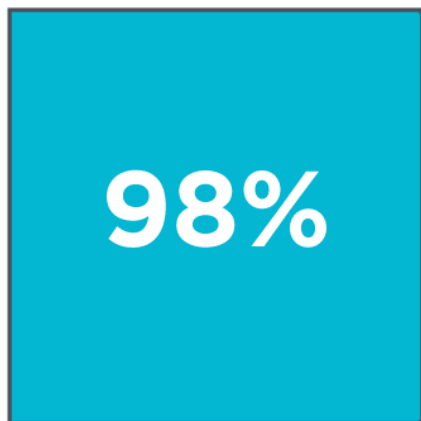


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# Thailand Treatment Cascade: 2017

1<sup>st</sup> 90



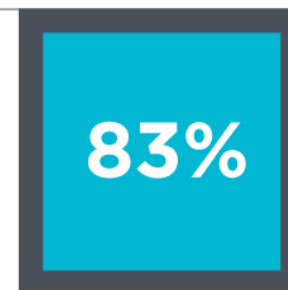
of all people living with HIV  
will **know their HIV status**

2<sup>nd</sup> 90



of all people diagnosed with  
HIV will **receive sustained  
antiretroviral therapy**

3<sup>rd</sup> 90



of all people receiving  
antiretroviral therapy  
will **have viral suppression**

Bangkok: 91

70

76

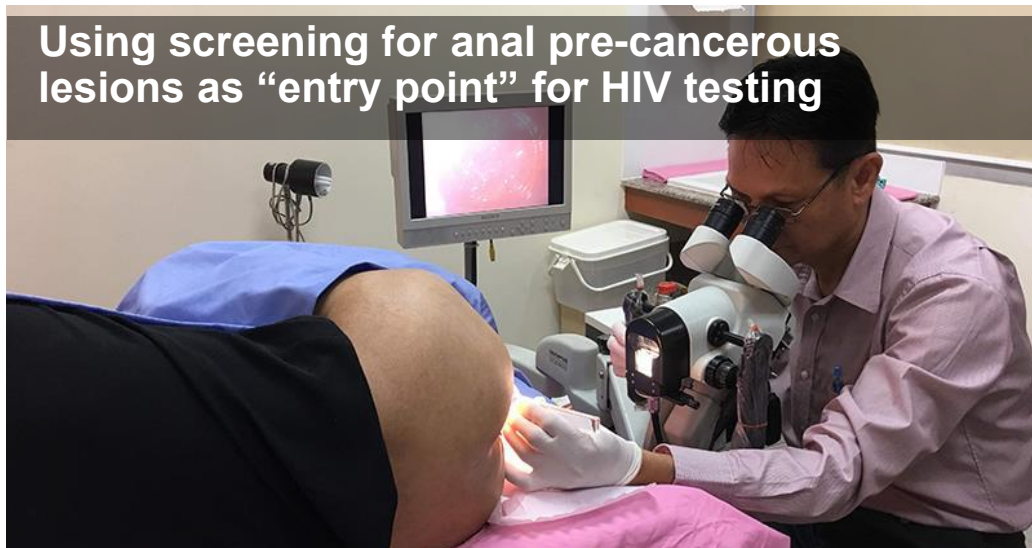
# We still need to do more to find those who are not yet diagnosed

- The strategies of the Thai Red Cross AIDS Research Centre in reaching difficult-to-reach populations (key population) for HIV testing, prevention and care in **Bangkok**
  - Men's (MSM) health clinic using anal Pap smear as induction
  - Transgender health clinic (Tangerine Clinic) using sex hormones monitoring as induction
  - Key population-LED health services (KPLHS) using key population as induction

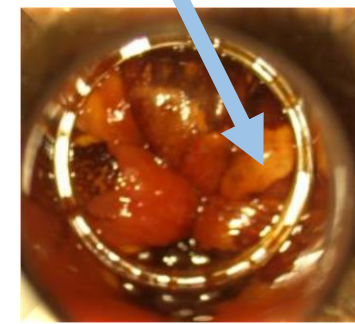
# Using Anal Pap and STI service as entry point for HIV testing for MSM: Example of PICT

- Among 1,429 MSM clients in 2009
  - 52% known HIV+ve, 35% known HIV-ve, &13% never tested

Previous HIV status	STI MSM clients		Anal Pap MSM clients	
	HIV-ve	Unknown	HIV-ve	Unknown
Acceptance of HIV testing	34%	98%	77%	85%
% tested +ve for HIV	8%	13%	13%	33%



High-grade anal pre-cancerous lesions



# “Tangerine Community Health Center”:

## Trans-led, integrated, hormone and sexual health services

*“At the Thai Red Cross Tangerine Community Health Center, we are committed to provide highest attainable standard of health in affordable and accessible manners for all transgender people with respect to their rights to health and human dignity.”*



**Professor Emeritus Praphan Phanuphak, M.D., Ph.D.**  
*Director, The Thai Red Cross AIDS Research Centre, November 27, 2015*



# Tangerine Clinic clients, up to December 2018 (3 yrs.)



**2,038** TRANSGENDER  
WOMEN CLIENTS



**1,886**  
RECEIVED  
HIV TESTING



**227**  
TESTED  
HIV-POSITIVE



PrEP USERS



PEP USERS



**1,041**  
RECEIVED  
SYPHILIS TESTING



**144**  
TESTED  
SYPHILIS  
REACTIVE

## HORMONE SERVICES



Received  
hormone  
services



Did not  
receive  
hormone  
services

Subsequent visits →

44%

34%

Repeat HIV testing 🧪

32%

24%

Repeat Syphilis  
testing 🧪

26%

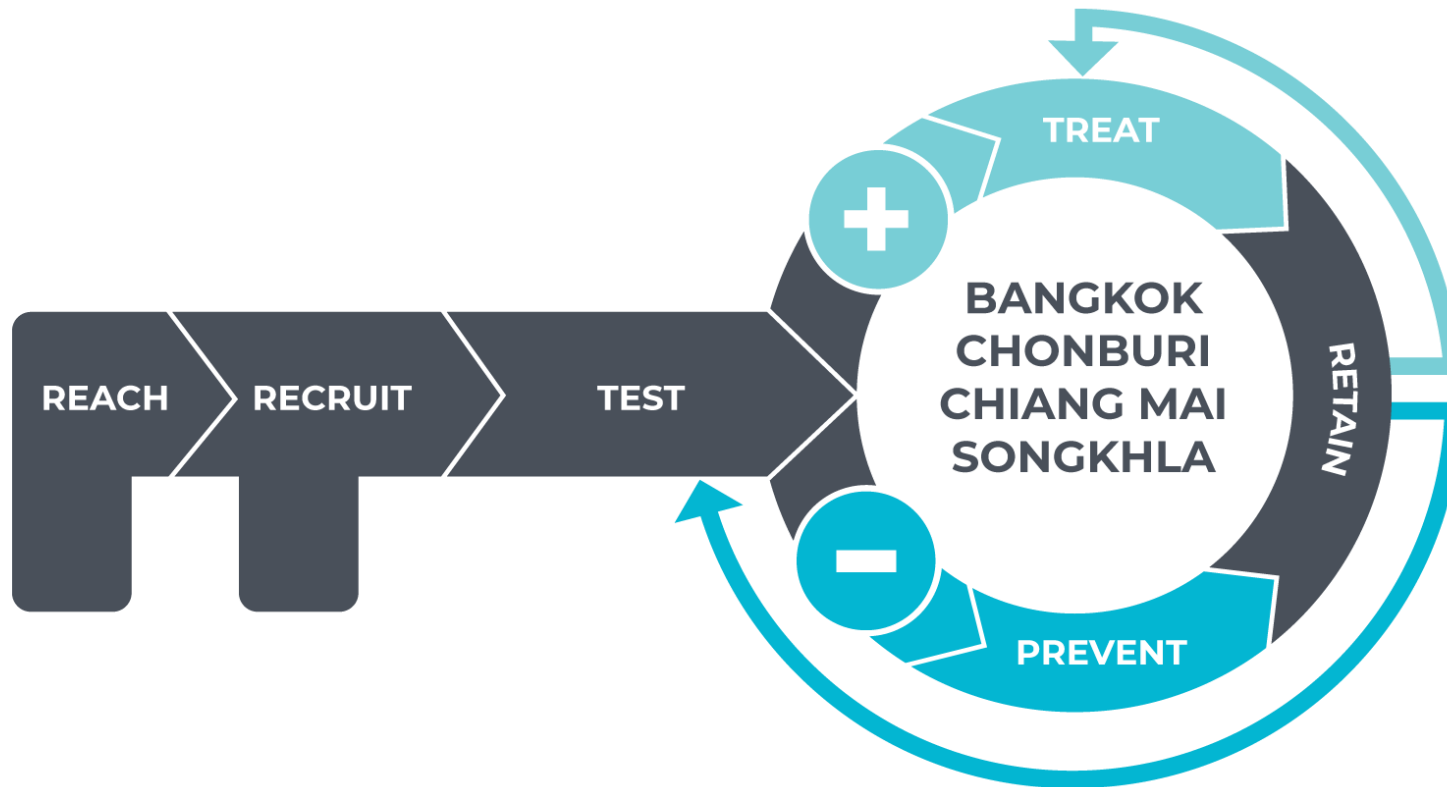
16%

Received PrEP 💊

12%

7%

# KP-led health services: Differentiated service delivery along the Reach-Recruit-Test-Treat-Prevent-Retain cascade



**42%** of MSM & TGW tested for HIV nationwide in 2016

**35%** of MSM & TGW newly diagnosed HIV cases nationwide in 2016

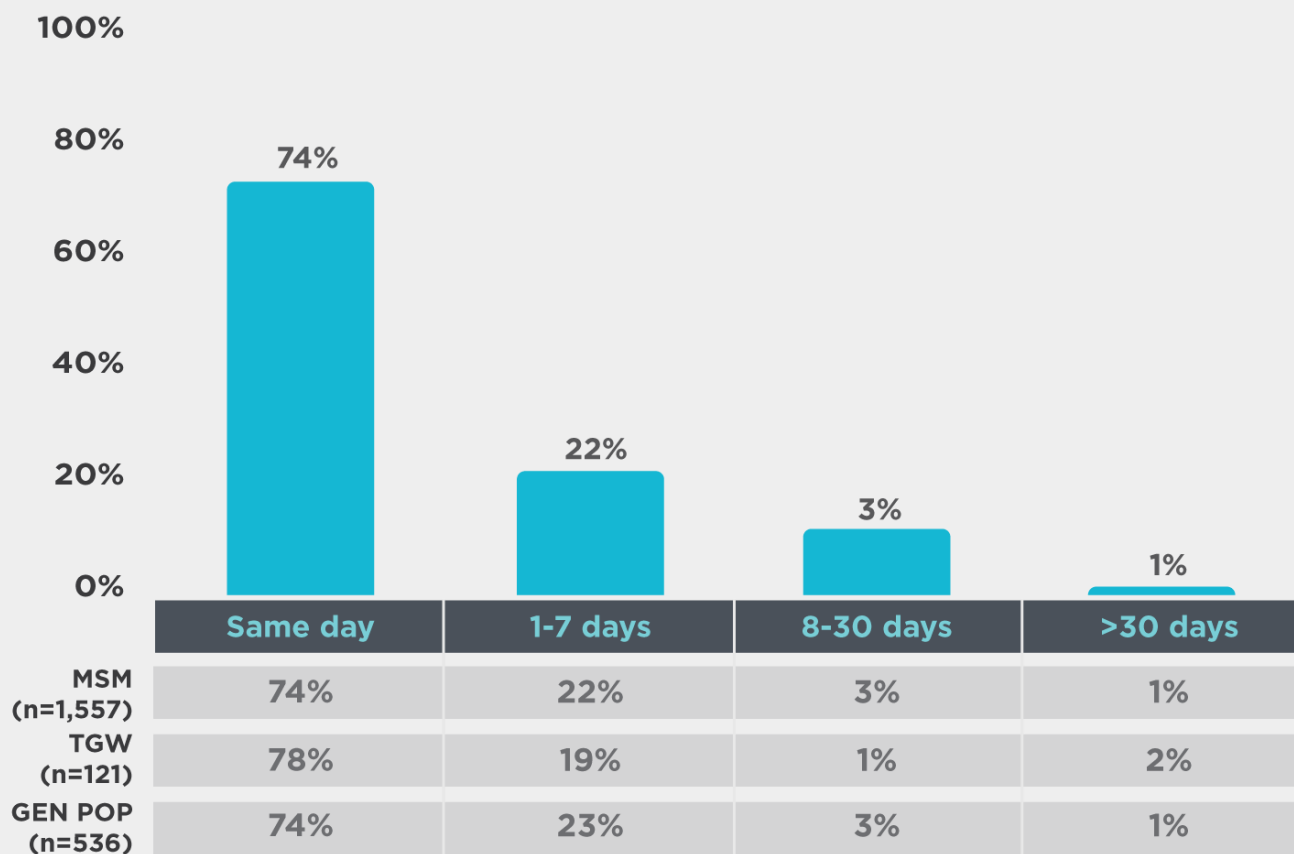
**55%** of Thai PrEP users by December 2018

received services at  
7 community health centers

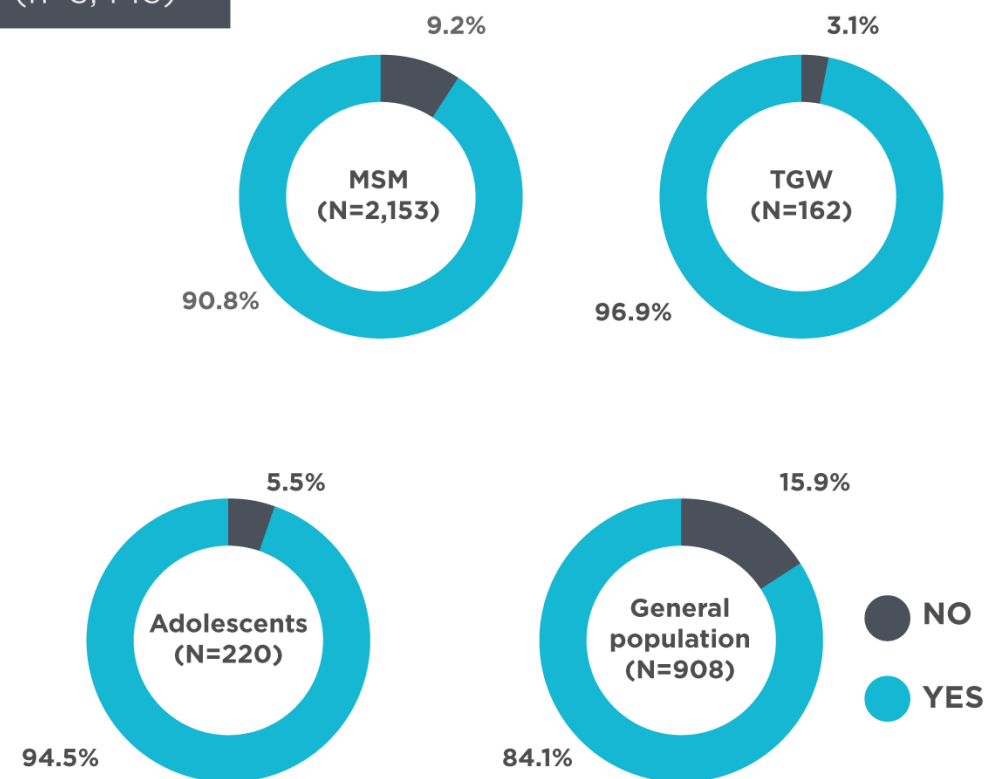
# Same-Day ART Initiation to improve the 2<sup>nd</sup> 90



# Same-Day ART: Time to ART initiation

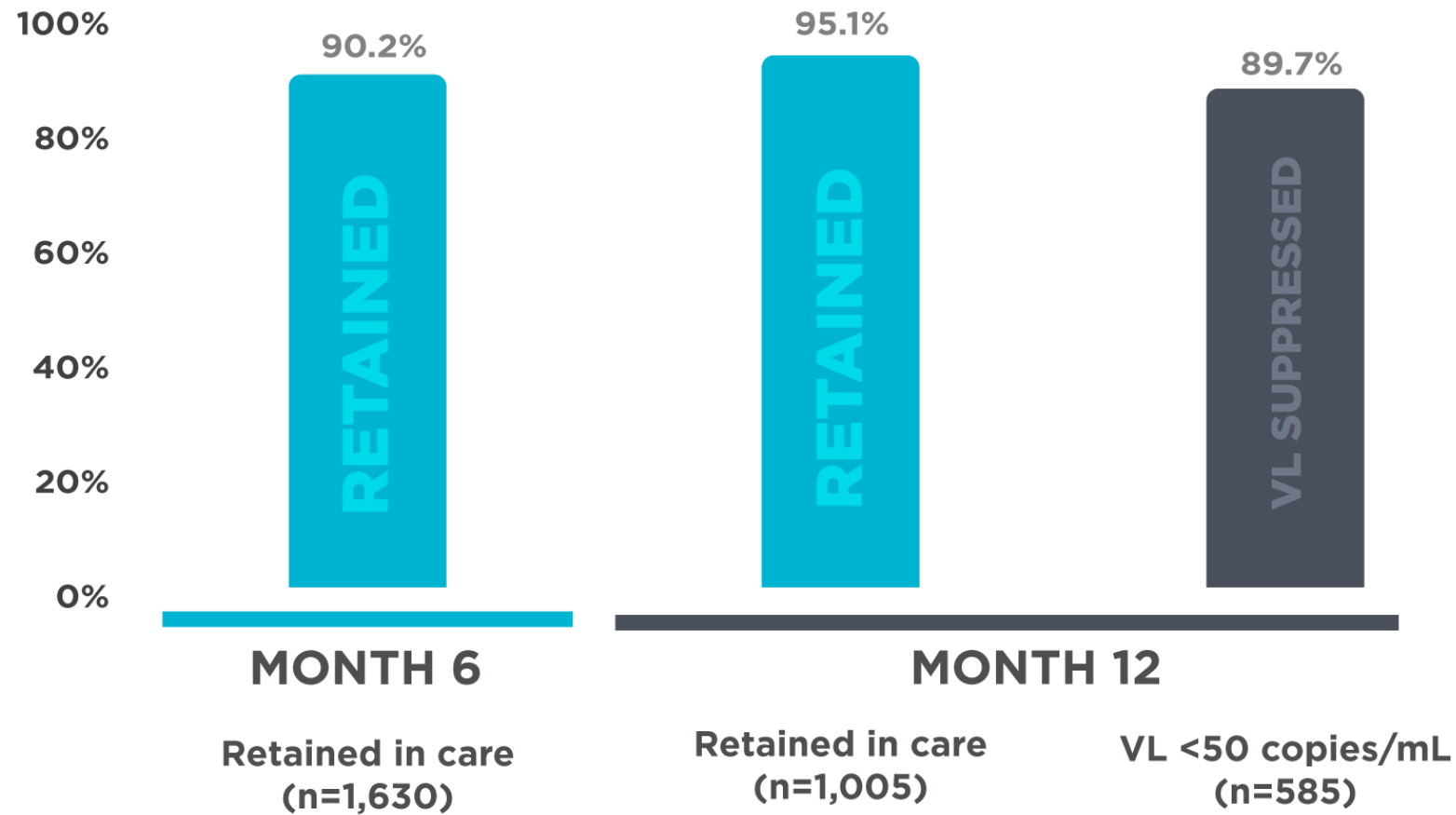


Population  
(n=3,443)



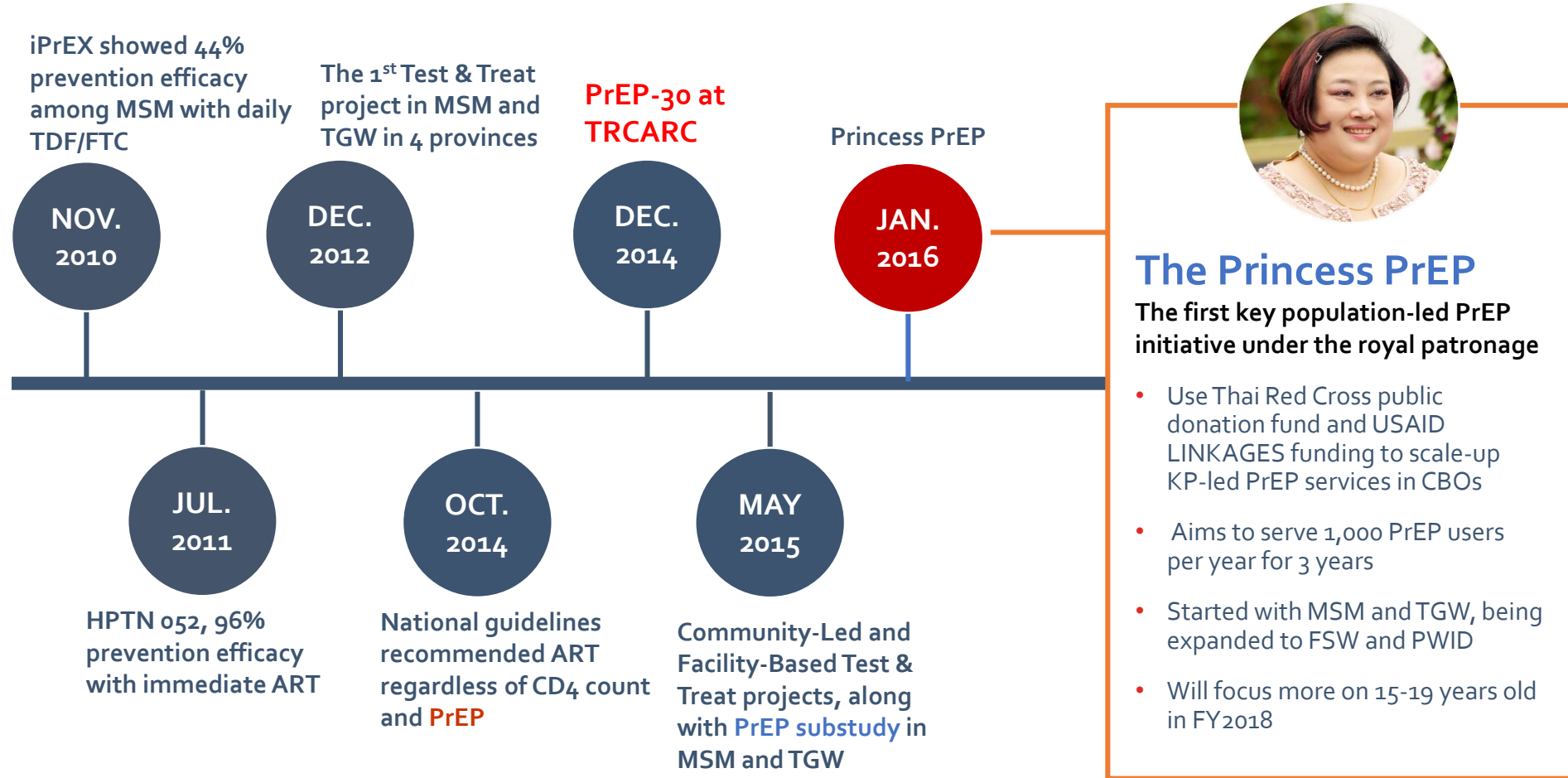
Source: Same-Day ART database, Thai Red Cross Anonymous Clinic (July 2017-April 2019).

# Same-Day ART: Retention and viral load suppression



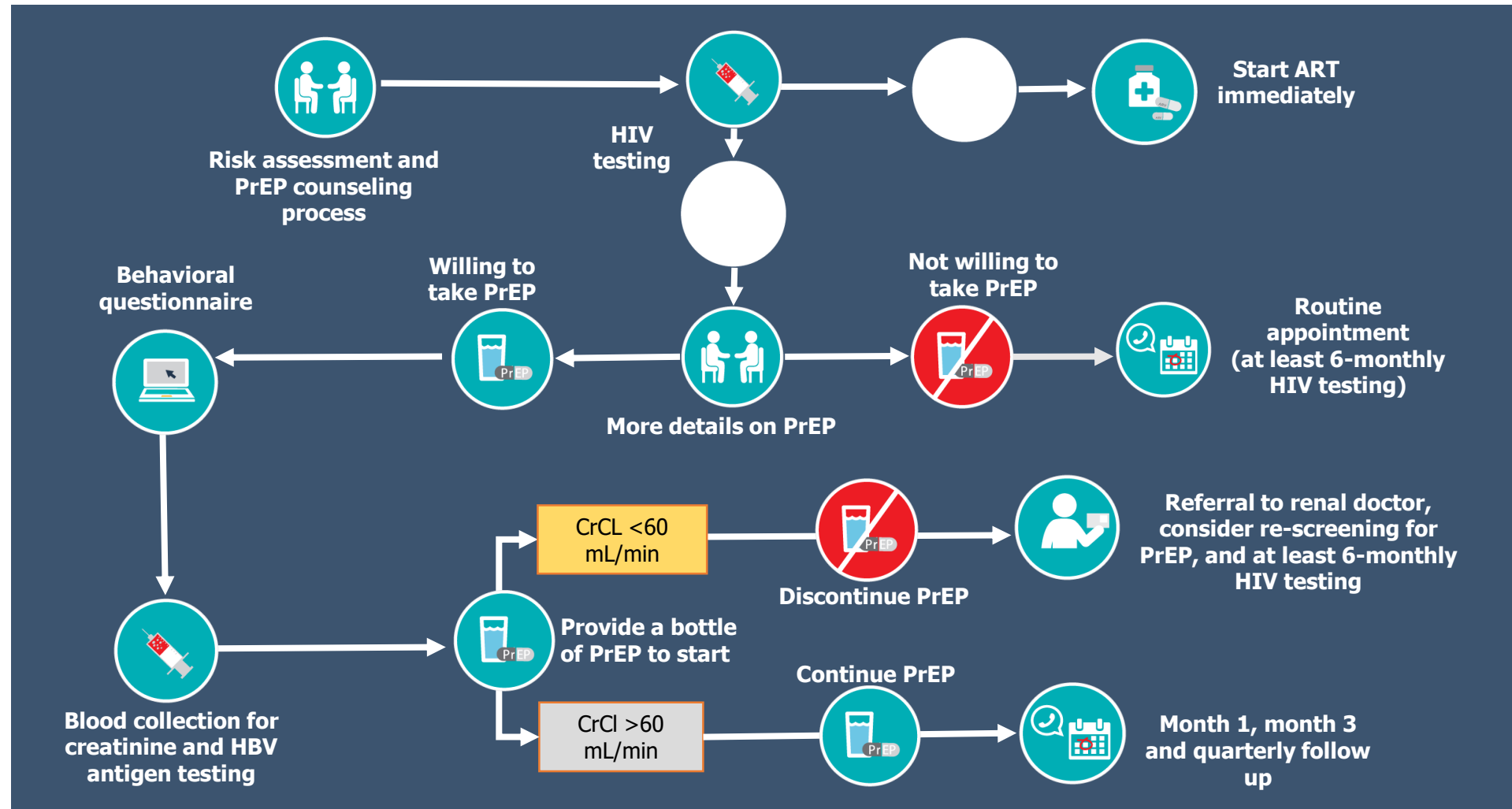
Source: Same-Day ART database, Thai Red Cross Anonymous Clinic (July 2017-April 2019).

# Thailand's PrEP Programs

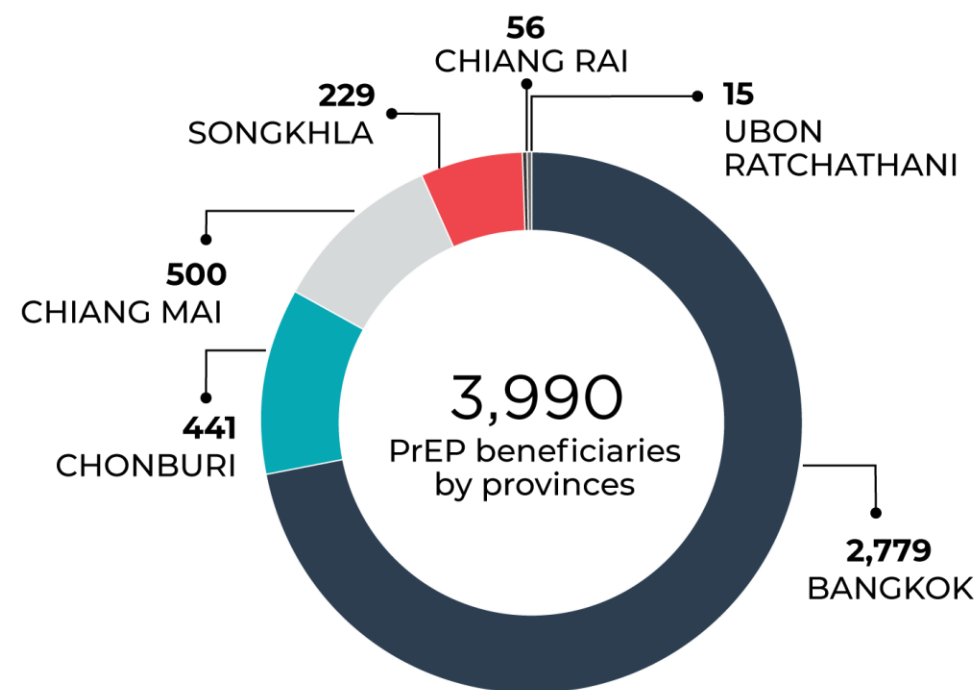
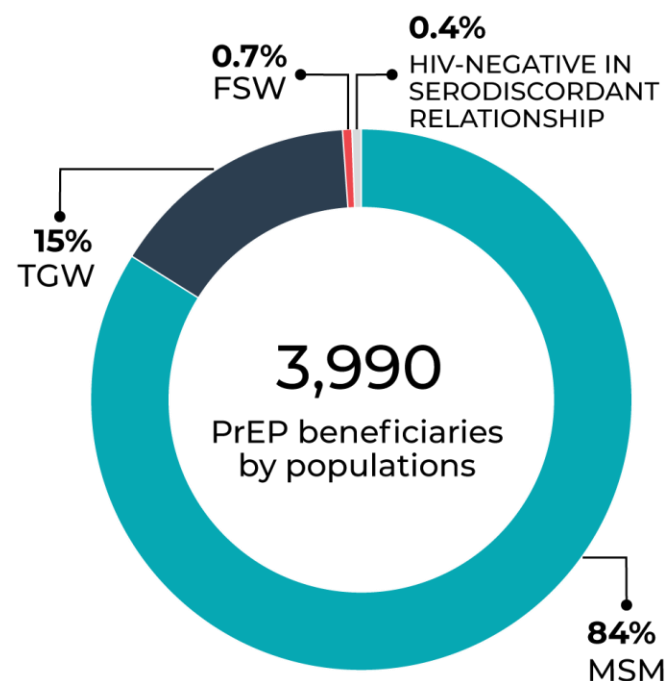
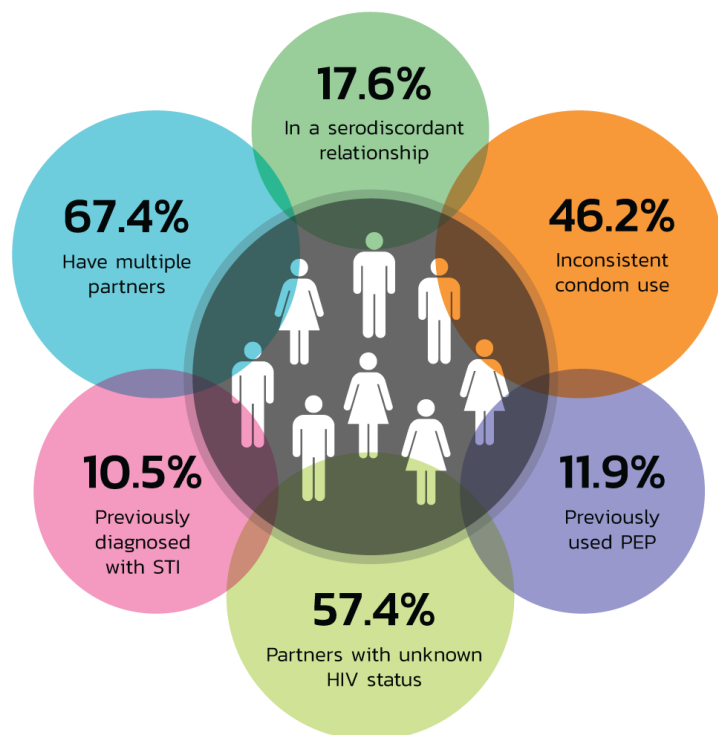


PrEP will be included in Thailand UHC starting October 2019

# Key Population-Led Same-Day PrEP Services



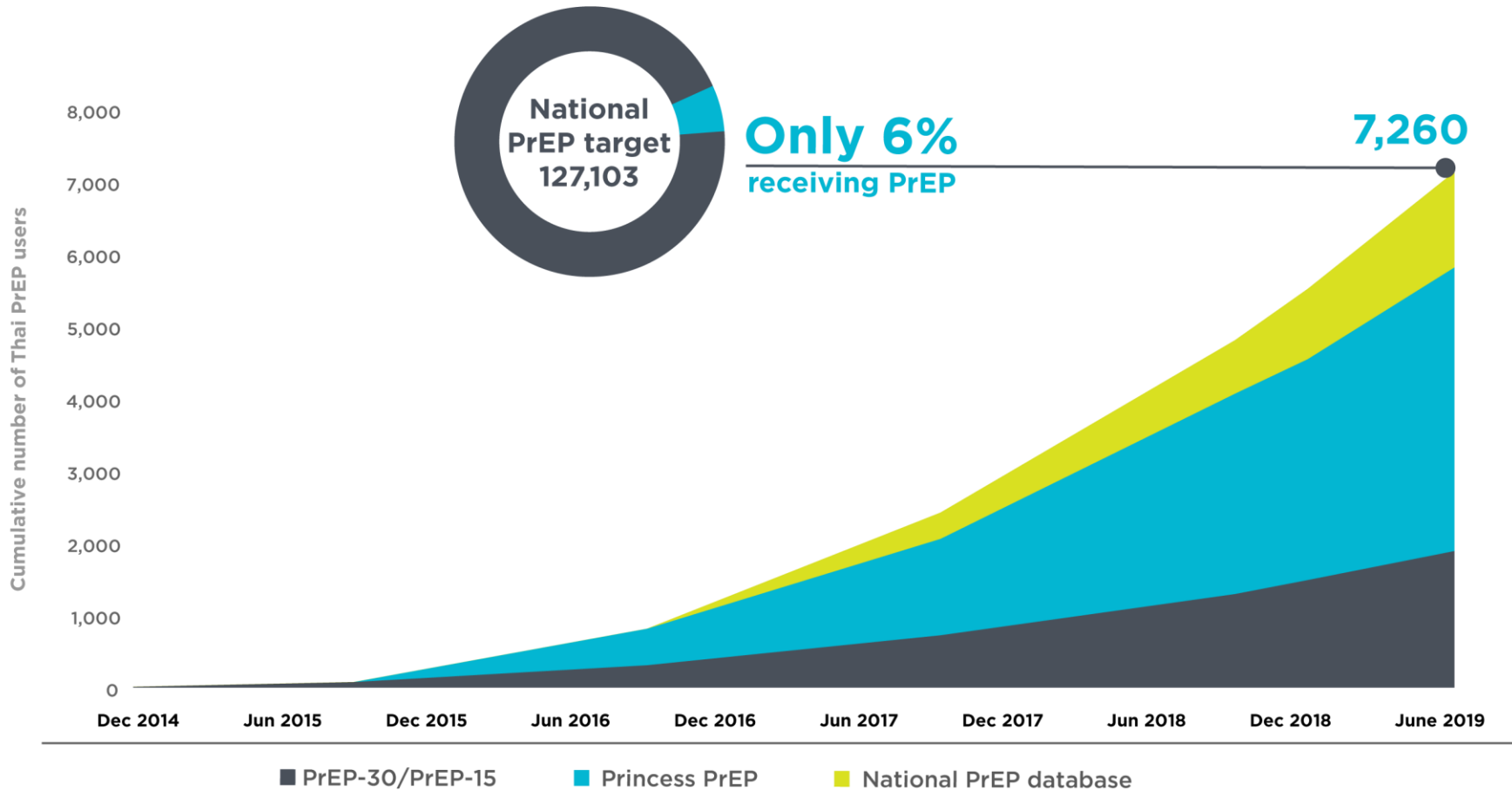
# Princess PrEP, dispensed through KPLHS (as of June 12, 2019)



# Thailand's PrEP Programs

**UNAIDS  
Goodwill  
Ambassador  
for HIV Prevention  
in Asia-Pacific  
(2019-2020)**

Trained KP lay providers  
dispense free PrEP from  
the Princess Soamsawali  
Prevention Fund, covering  
half of all current PrEP users



# Challenges in ending AIDS in Bangkok

- Most innovative work in BKK and most of the BKK data came from NGO (TRCARC, SWING, RSAT) which is only a small fraction of the overall healthcare facilities in Bangkok (BMA clinics & hospitals, central government hospitals, university and private hospitals) which means **still a lot more can be done.**
- But, it has not been done or rapidly done, WHY ??
  - City politicians seem to be committed but their first and second management levels do not follow it through either because they are too busy or afraid to work hard (since it is 12 years far away) and they are not made accountable to either by their boss or by the central government (since politicians will come and go).
  - Too many players or TA's in BKK with conflicting interest and territory and no 'CHIEF' wants to nail it down because of 'threat' by the imperial player.

# Acknowledgements

