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FAST-TRACK CITIES 2020

September 9-10, 2020

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Case-Study- Asia-Pacific: Bangkok

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BMA Health Department

Content

- COVID-19 Status In Thailand
- Bangkok TB/HIV/STI Situation and Policy
- Disruption in TB/HIV/STI Services
- BMA Responses
- Lessons Learned

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COVID-19 Status In Thailand

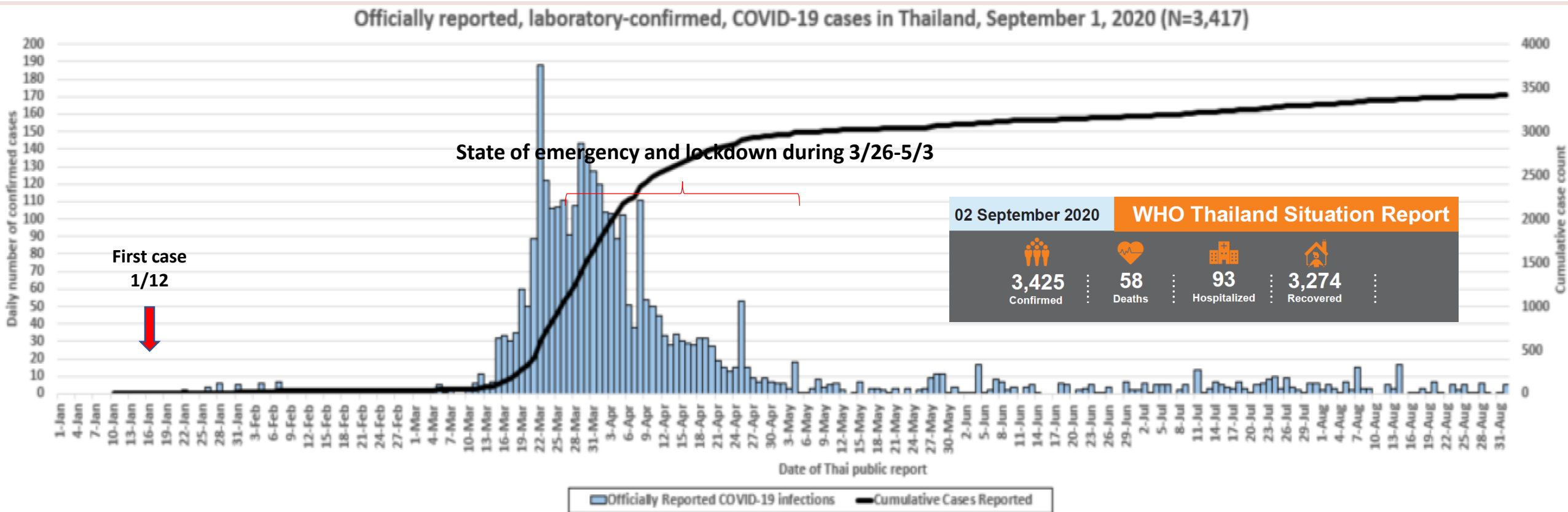
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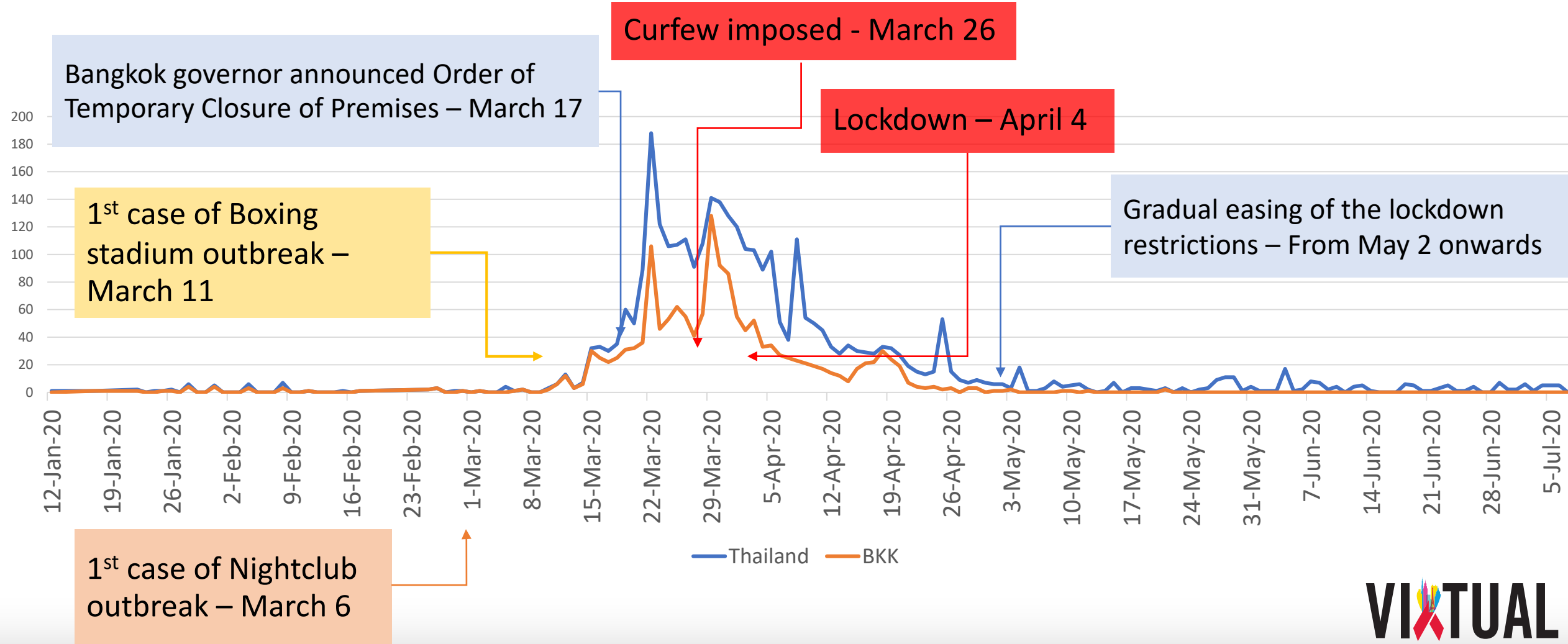
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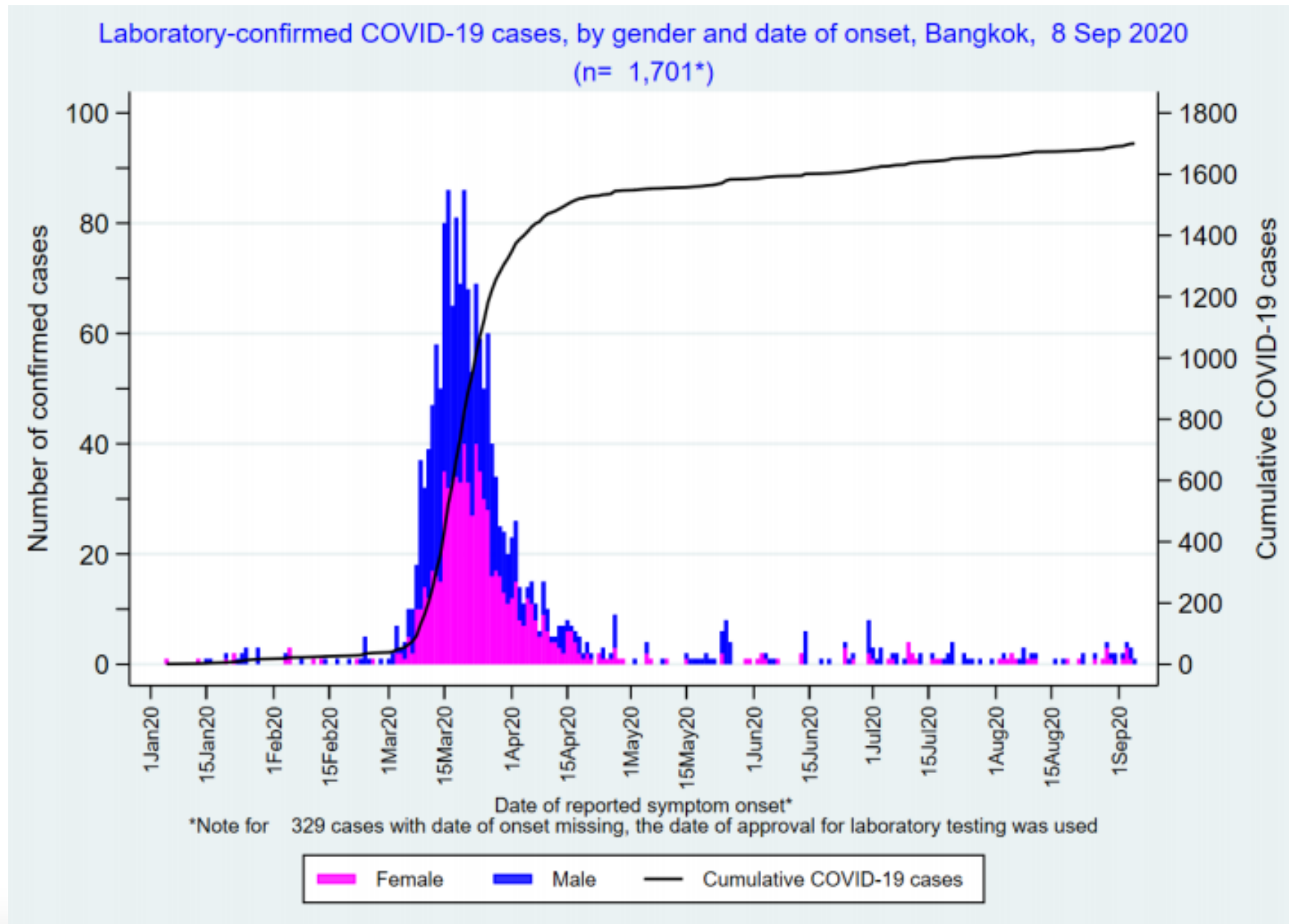


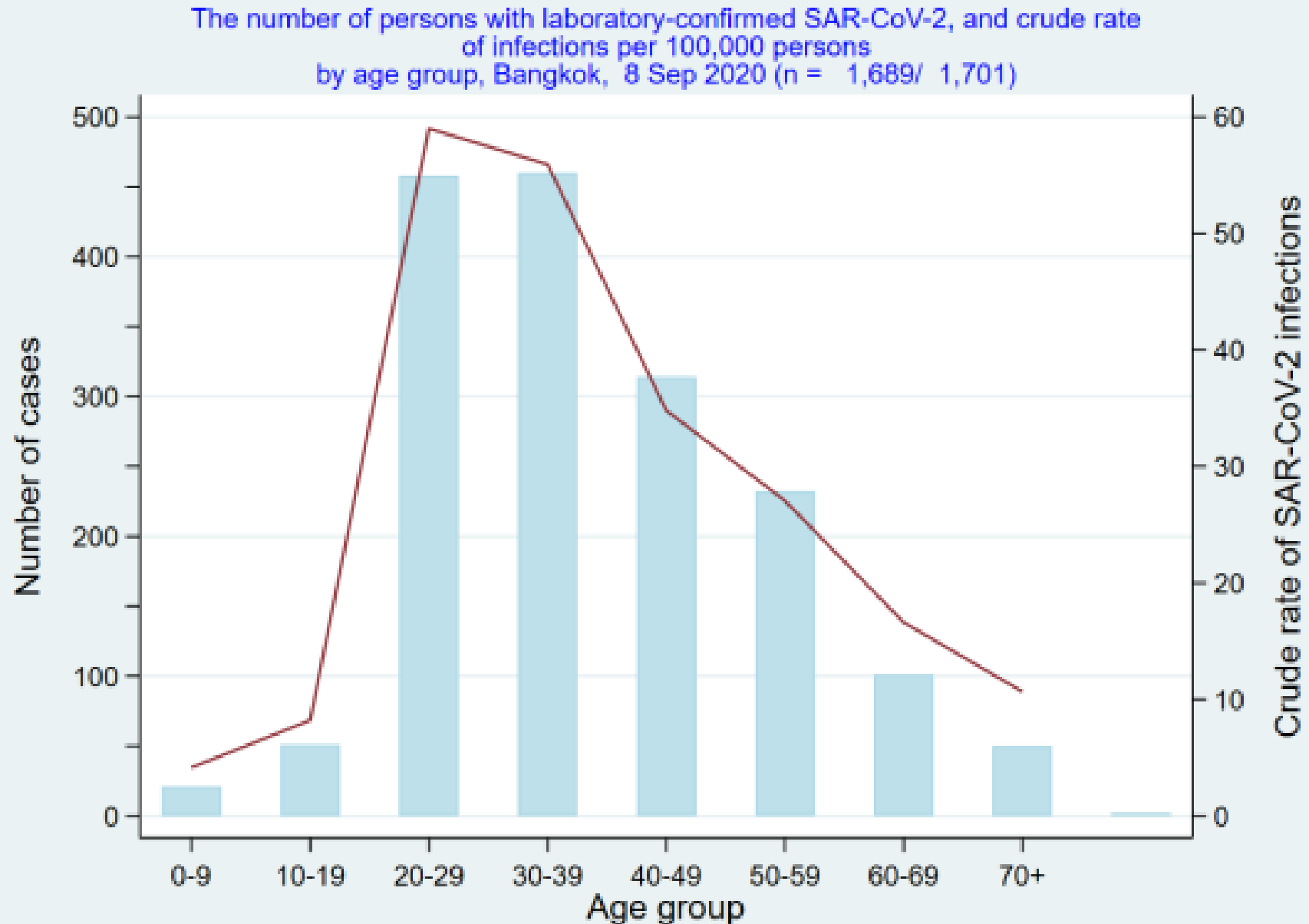
Thailand COVID-19 Status – Case Counts (Sep 2, 2020)

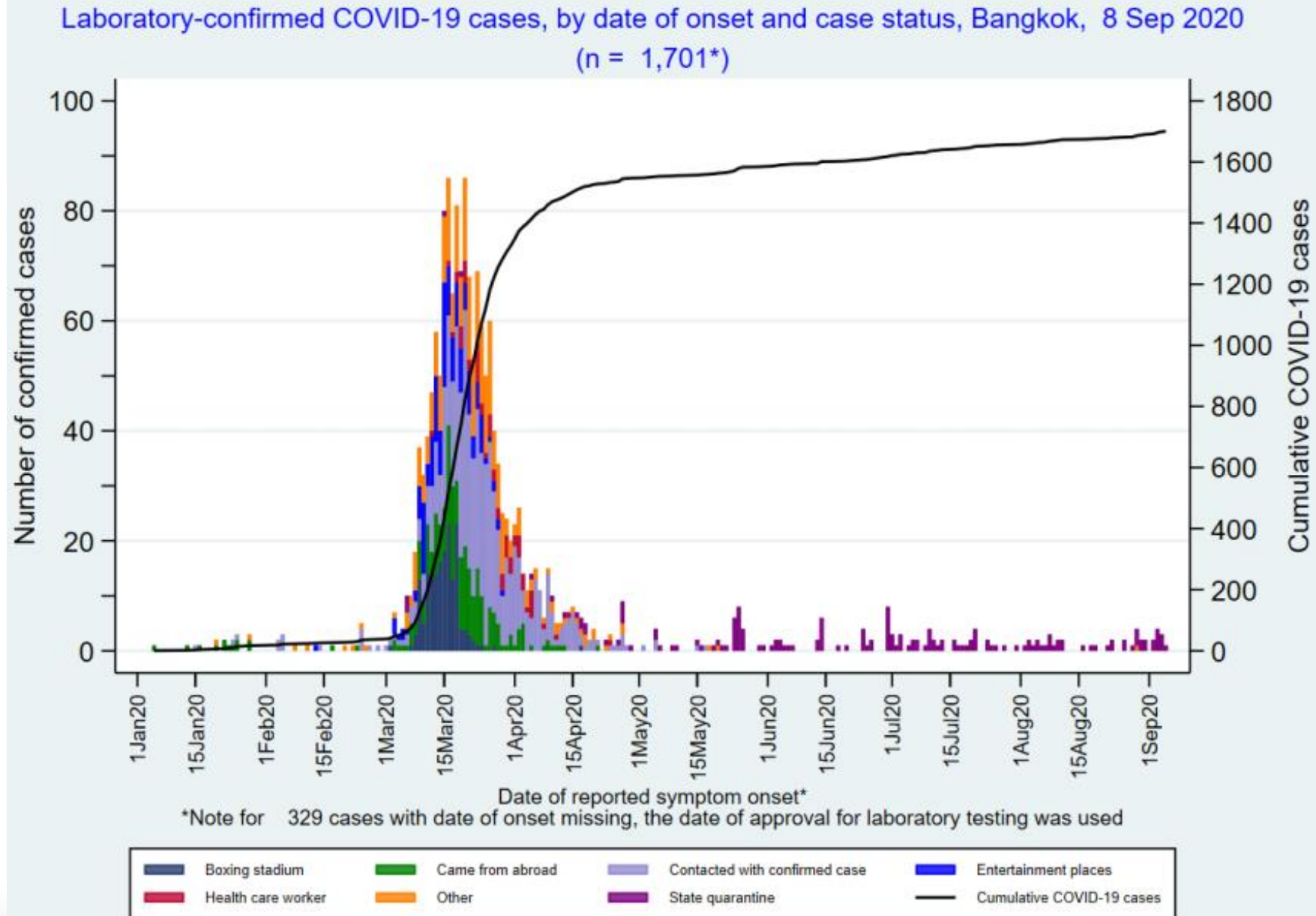


Bangkok COVID-19 Timeline









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Bangkok TB/HIV/STI Situation and Policy

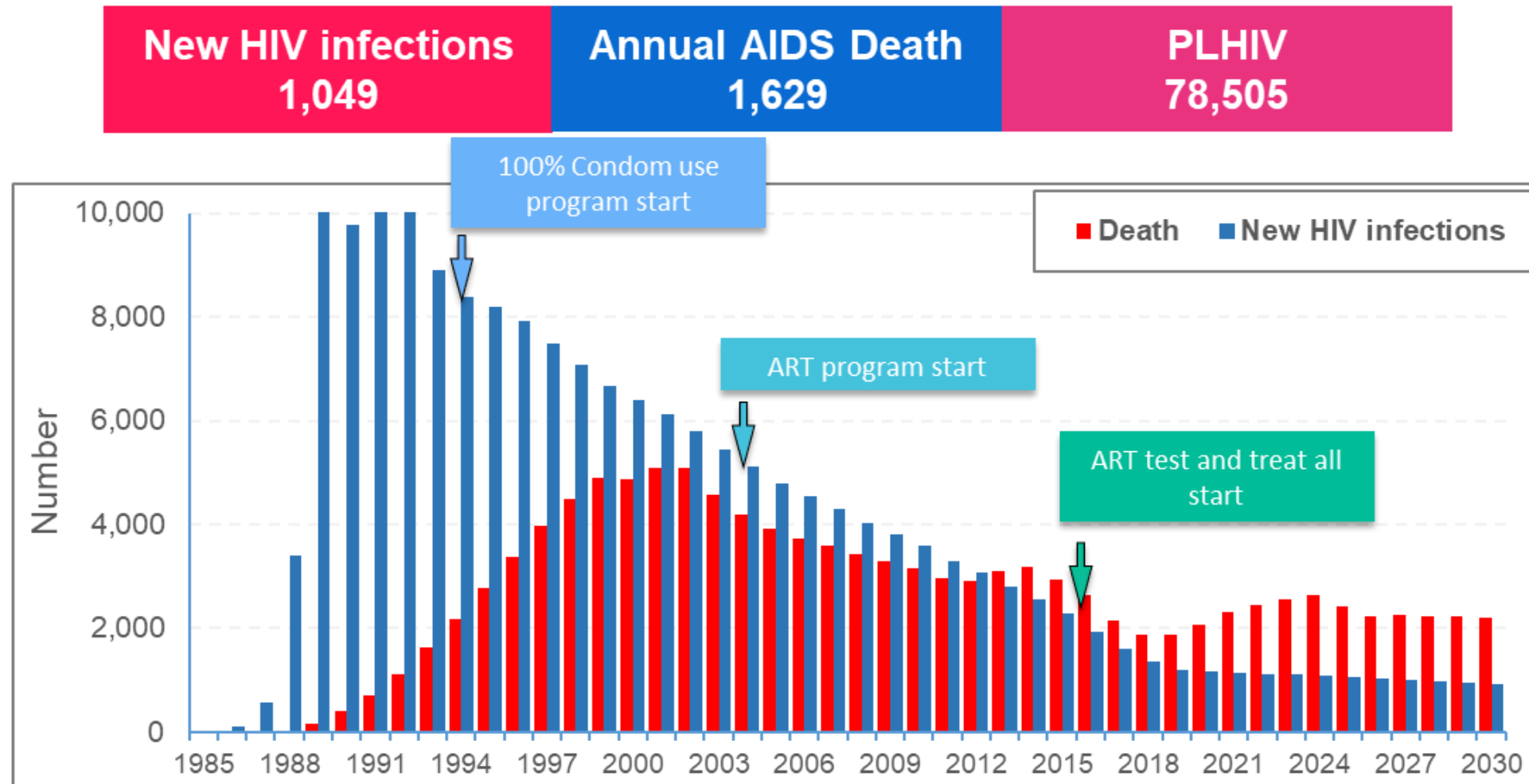
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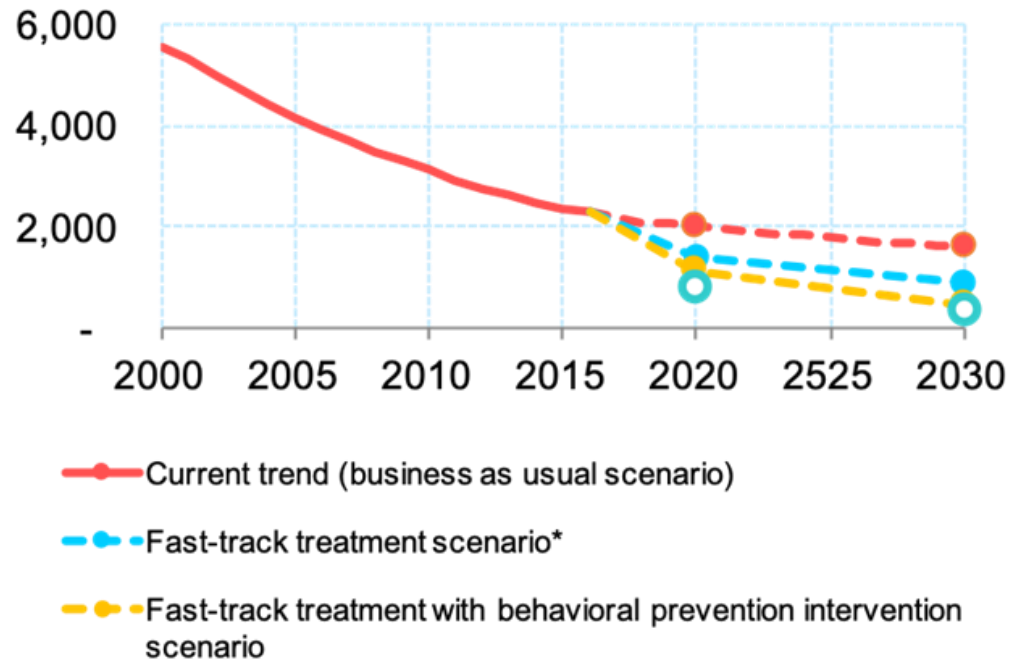


HIV Epidemic in Bangkok 2020



Source: Working group on AIDS Epidemic Models by June, 2019

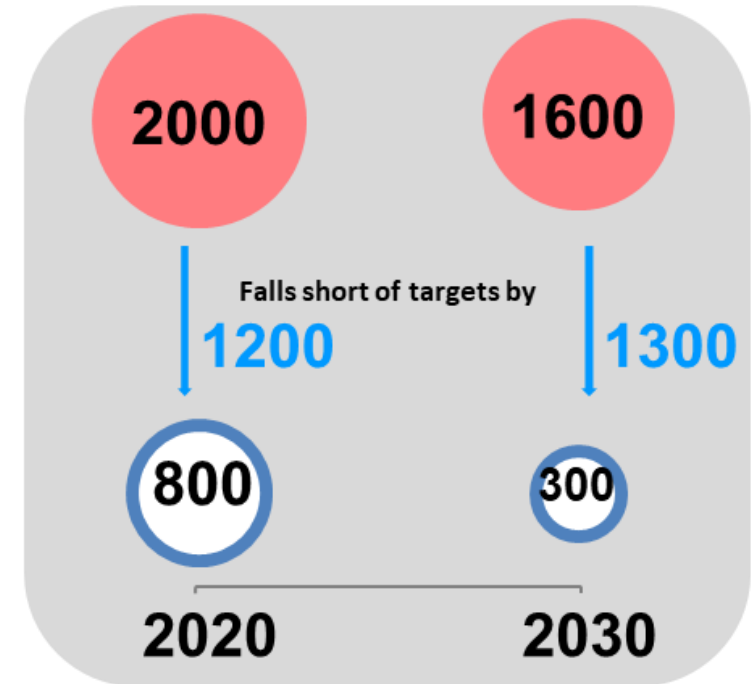
Estimated new HIV infections in Bangkok by scenario and ending AIDS targets



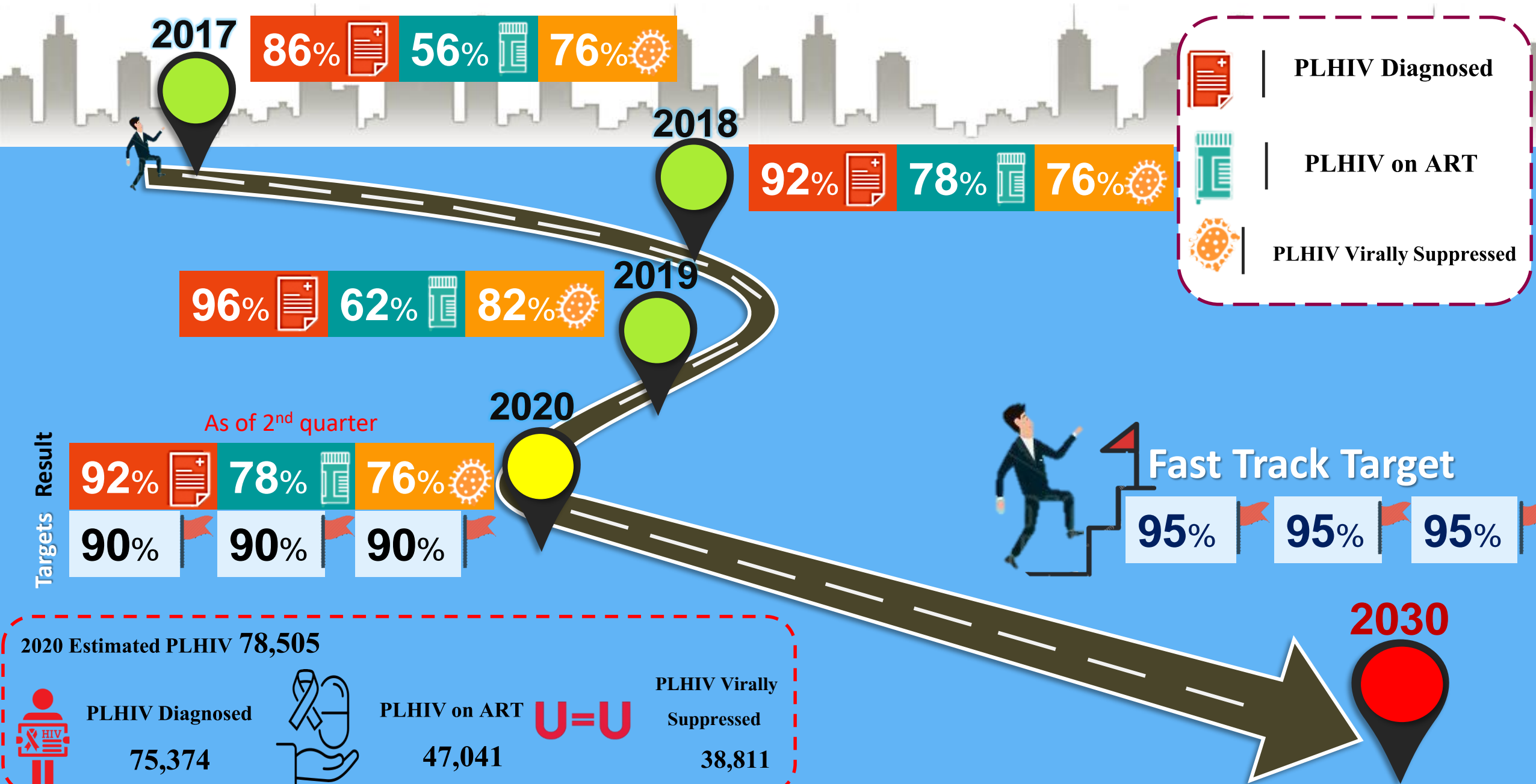
* 90-90-90 treatment coverage in 2020 and 95-95-95 in 2030

Source: Prepared by www.aidsdatahub.org based on Bangkok HIV/AIDS Estimation and Projection 2016-2030, Bangkok AEM Baseline and intervention Scenarios AIDS and STI section, Bangkok Metropolitan Administration (BMA)

2020 and 2030 zoom-in

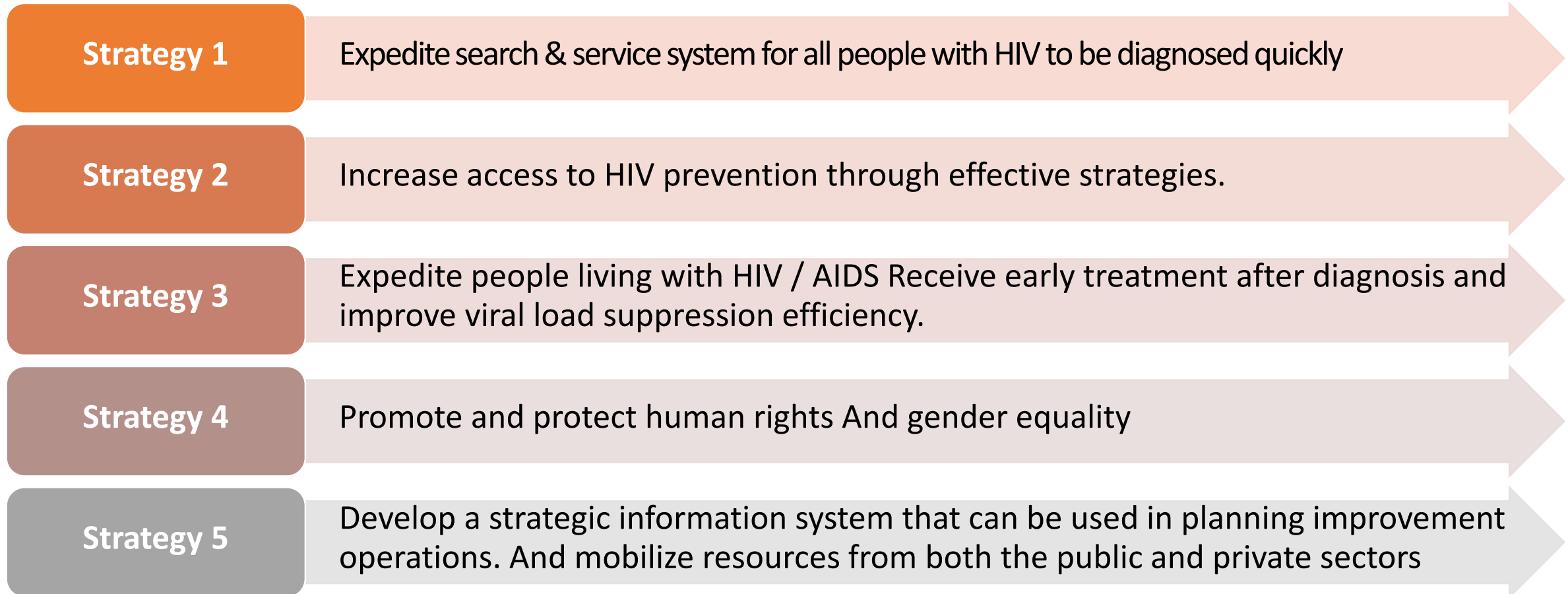


Progress Towards The 90–90–90 Targets In Bangkok, 2020





Strategic Plan to Ending AIDS In Bangkok, 2021 - 2030



Goal to Ending AIDS



95%

**Tested &
Knew Status**



95%

**KP being
prevented**



90%

**PLHIV had
VL-suppressed**



<10%

**Stigma &
Discrimination**

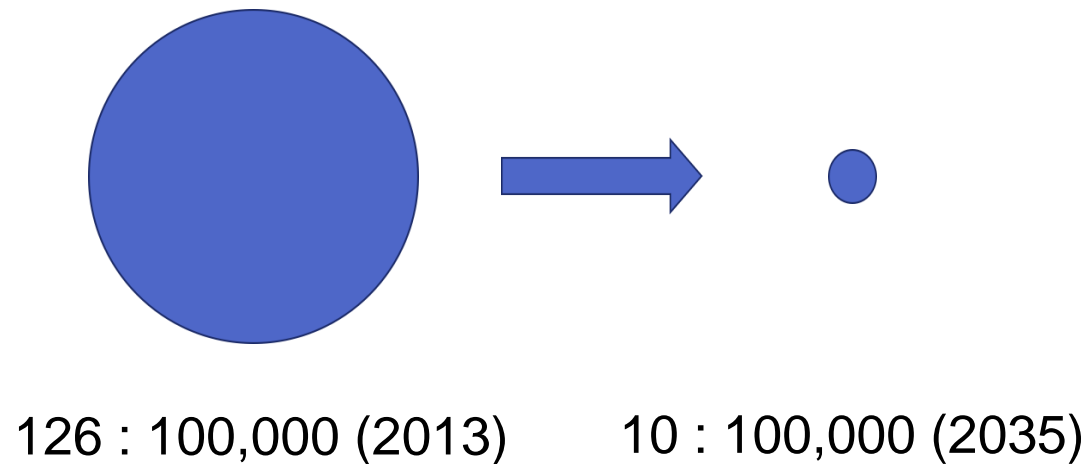


**Data-driven
quality
improvement**



TB Situation in Bangkok

WHO : End TB Strategy 2016-2035



Reach at least

90%
OF ALL PEOPLE
WITH TB

and place all of them
on appropriate therapy—
first-line, second-line and
preventive therapy as
required

As a part of this approach,
reach at least

(90)%
OF THE KEY
POPULATIONS

the most vulnerable,
underserved, at-risk
populations

Achieve at least

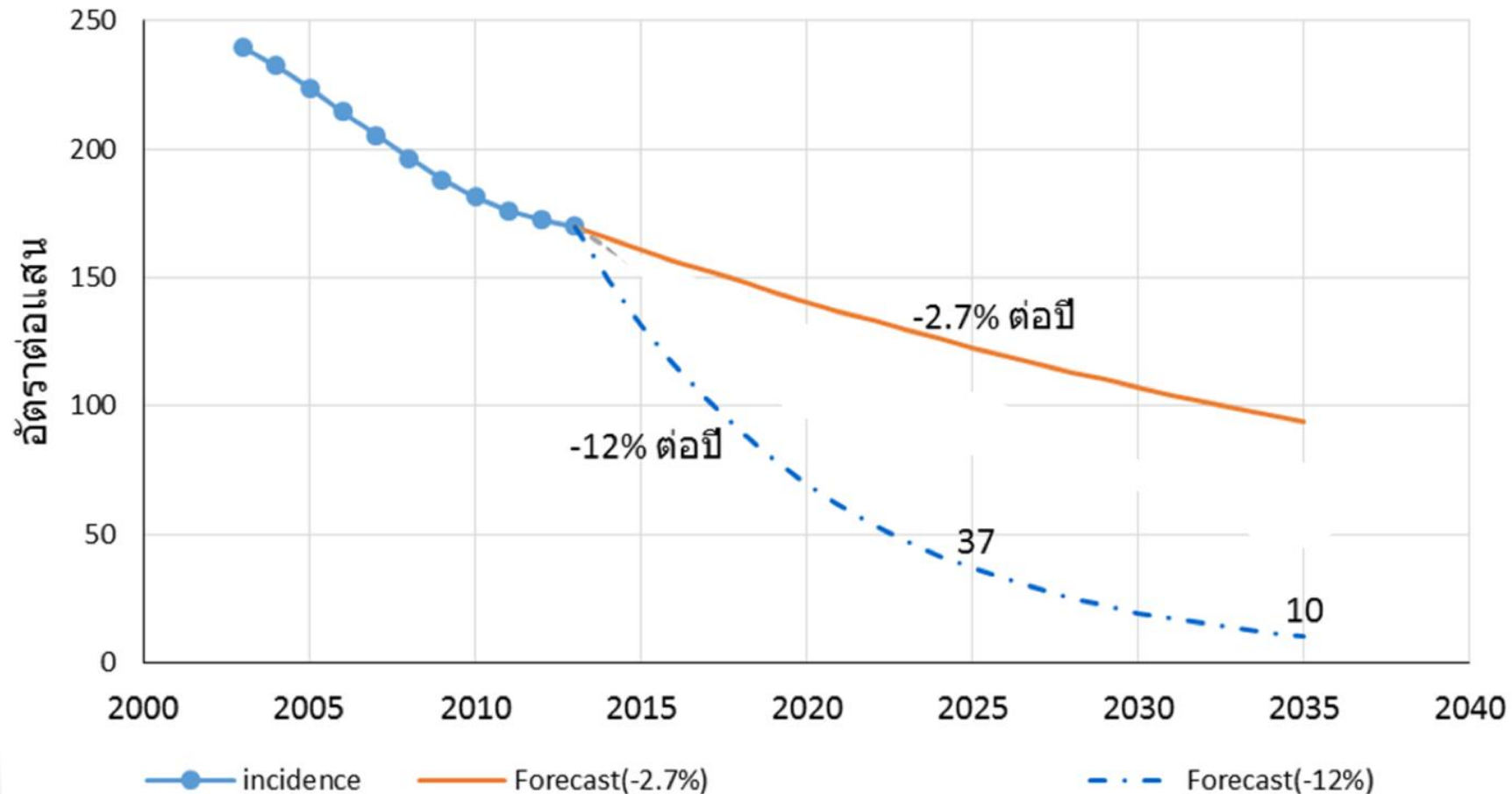
90%
TREATMENT
SUCCESS

for all people diagnosed
with TB through
affordable treatment
services, adherence to
complete and correct
treatment, and social
support.

TB Situation in Bangkok

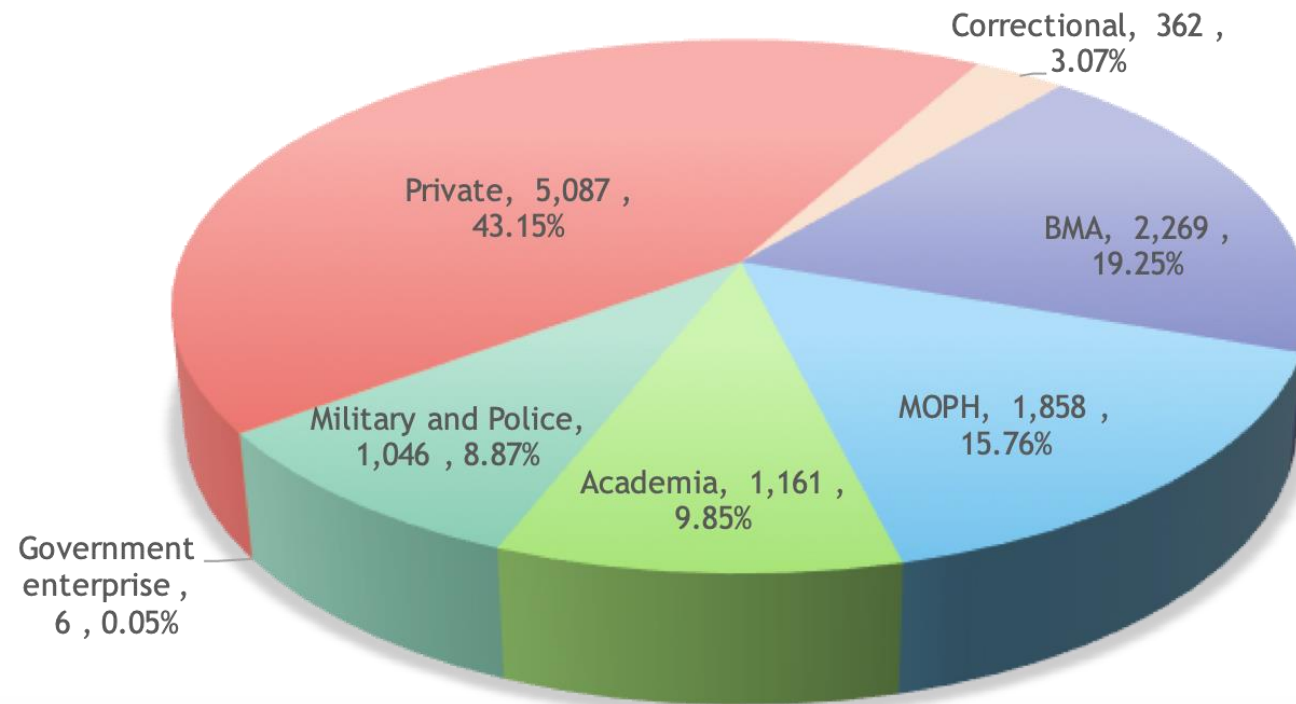
To achieve the target in 2035 ...

อัตราการับดีการณวัณโรคในประเทศไทย และการคาดประมาณ



TB Situation in Bangkok

TB Cases Reported in Bangkok, 2019



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Disruption in TB/HIV/STI Services

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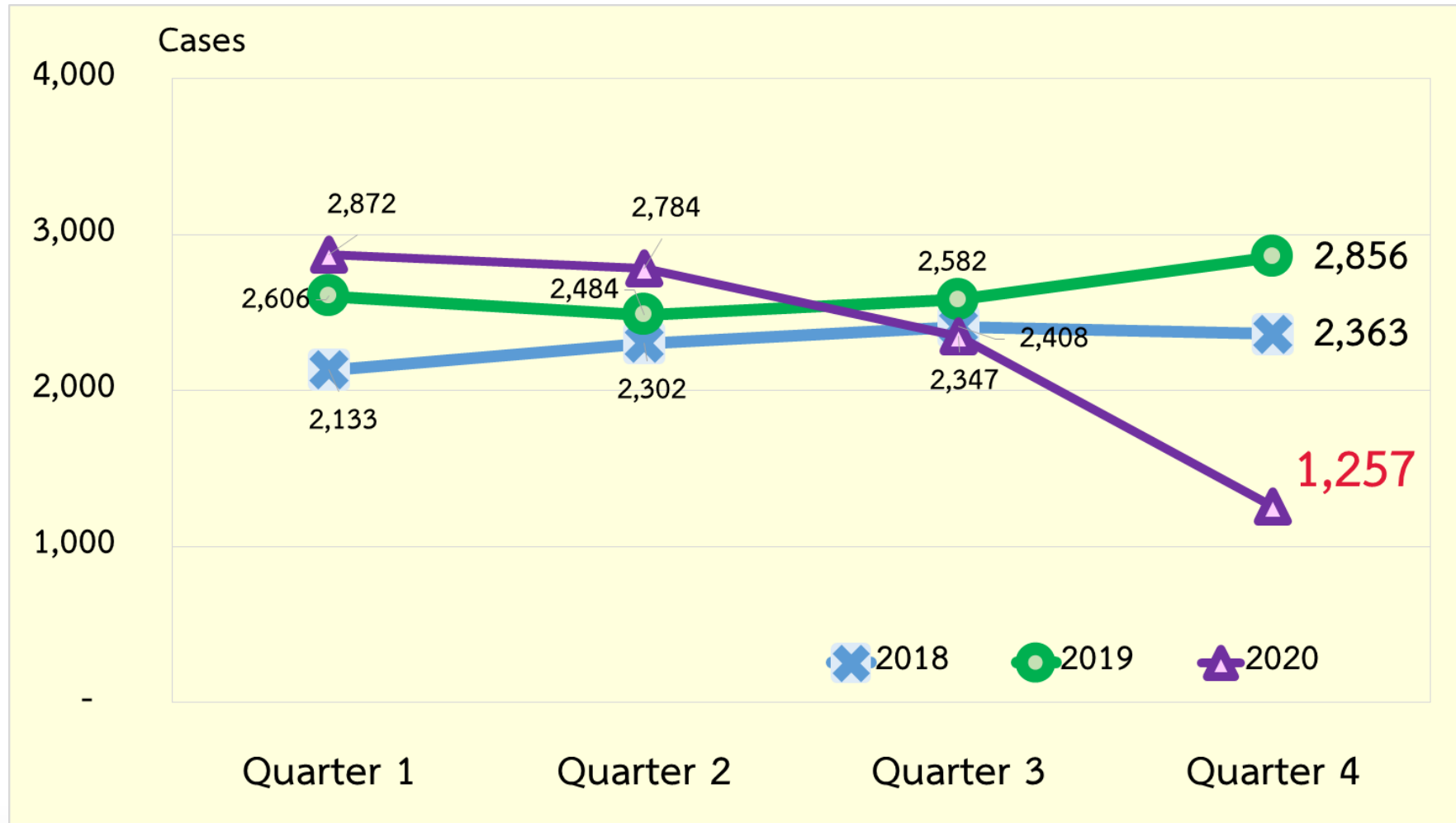
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Disruption in TB/HIV/STI Services

- Reduction in outreach services and active case findings such as TB/HIV/STI testing among key populations during COVID-19 outbreak
- Diversion of health systems capacity

Active TB Case Finding



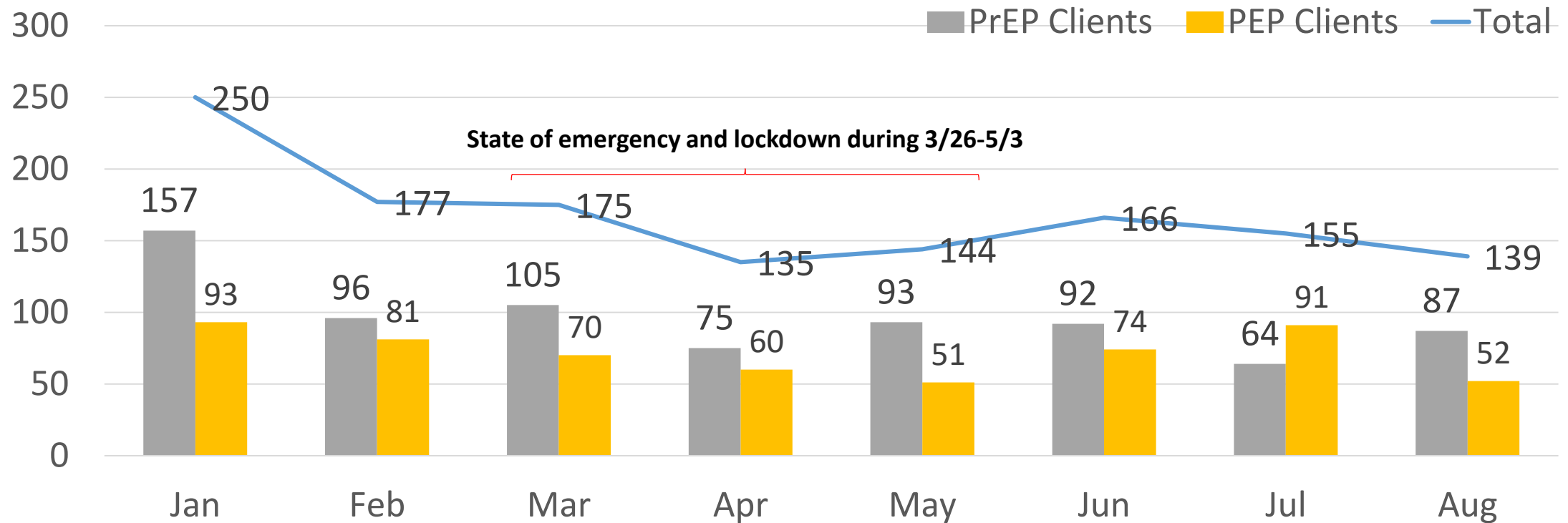
Disruption in TB/HIV/STI Services

- Reduction in number of patients seeking TB/HIV/STI treatment
 - Slightly decrease in number of PrEP clients (Maybe due to changed in social/sexual behaviors)
- More time with patients, faster services in some cases

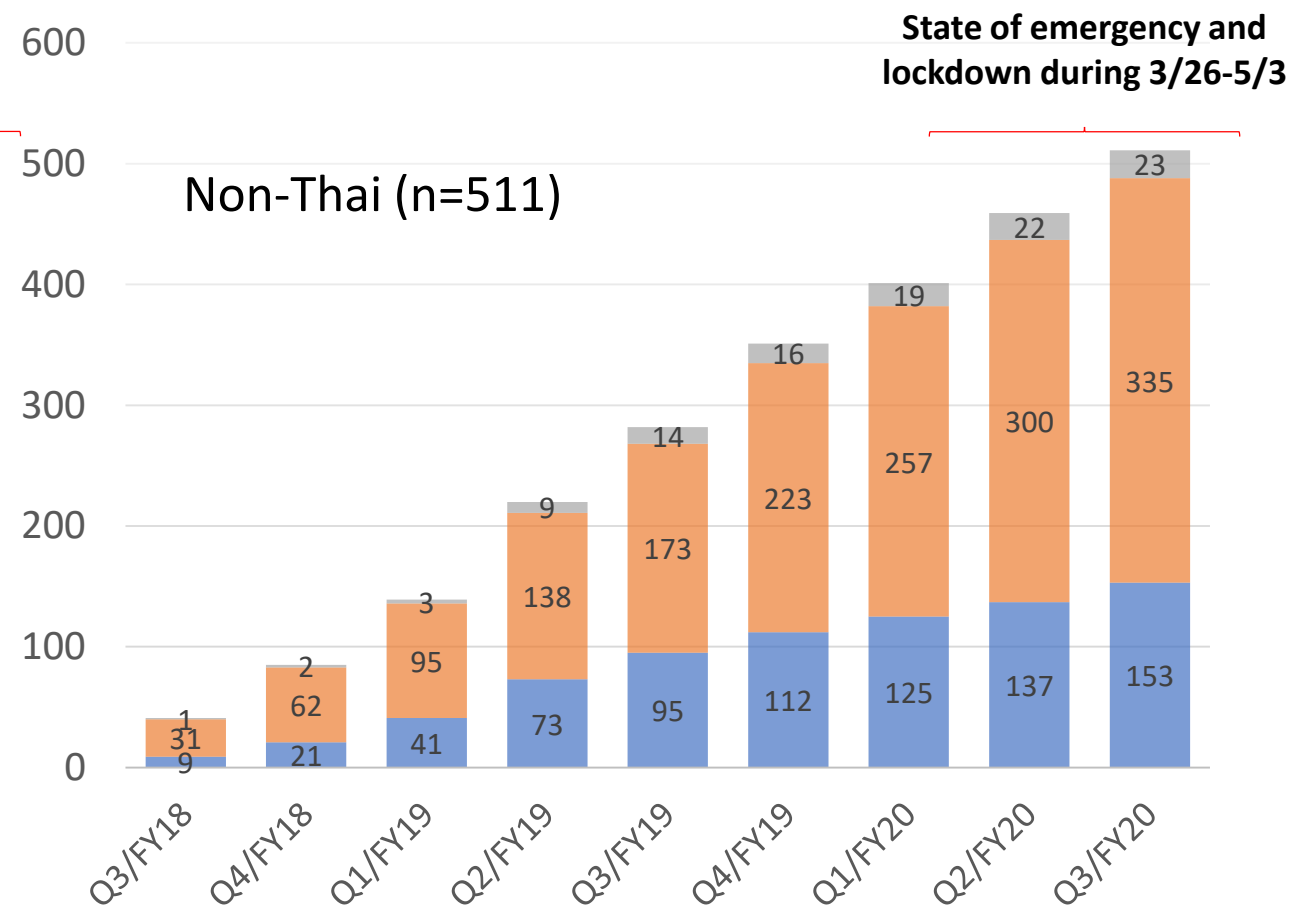
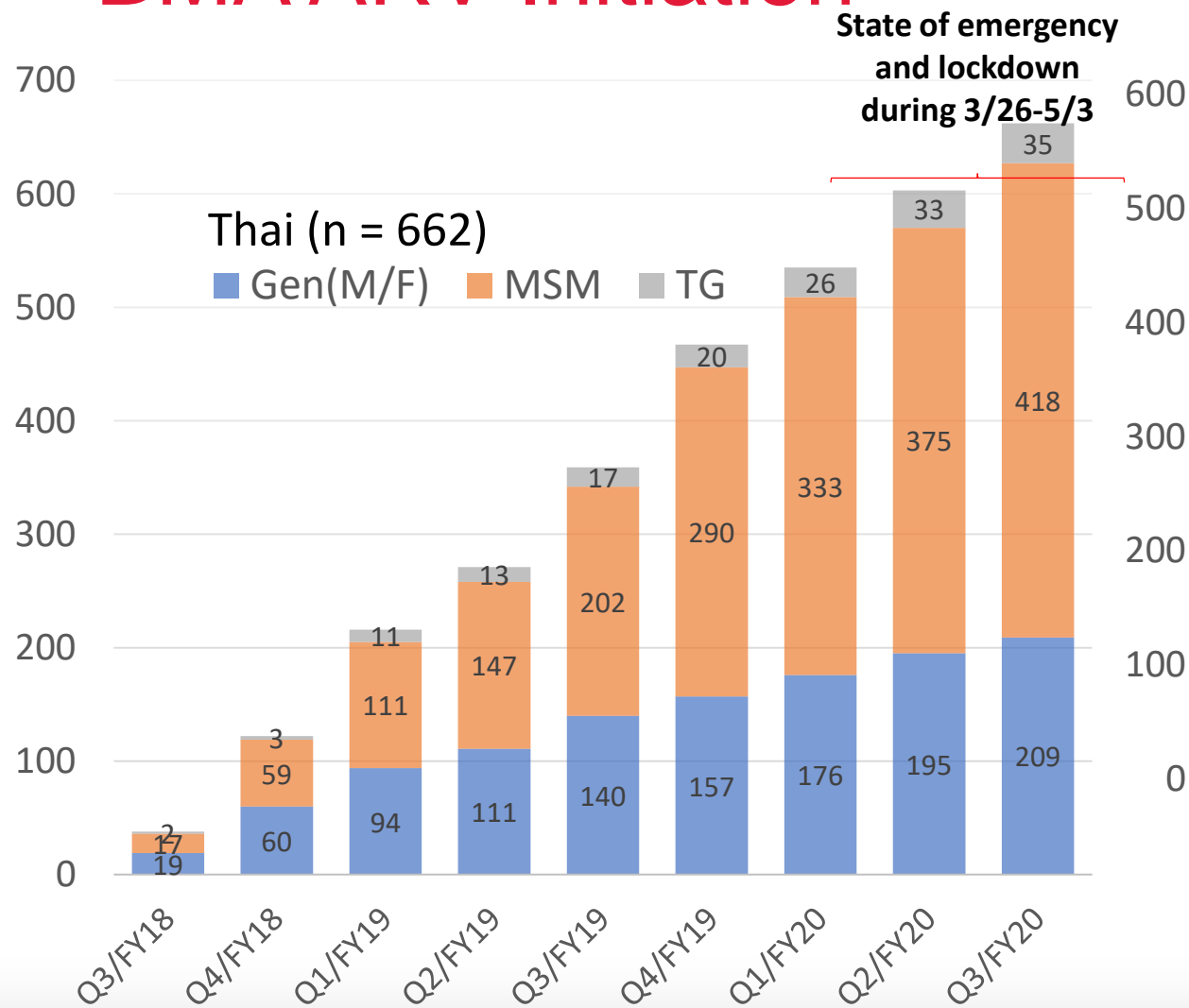
Disruption in TB/HIV/STI Services

- Increased risk for non-continuous TB/HIV/STI treatment or LTFU due to Restriction of Movement Order (curfew, border closure, air travel restriction)

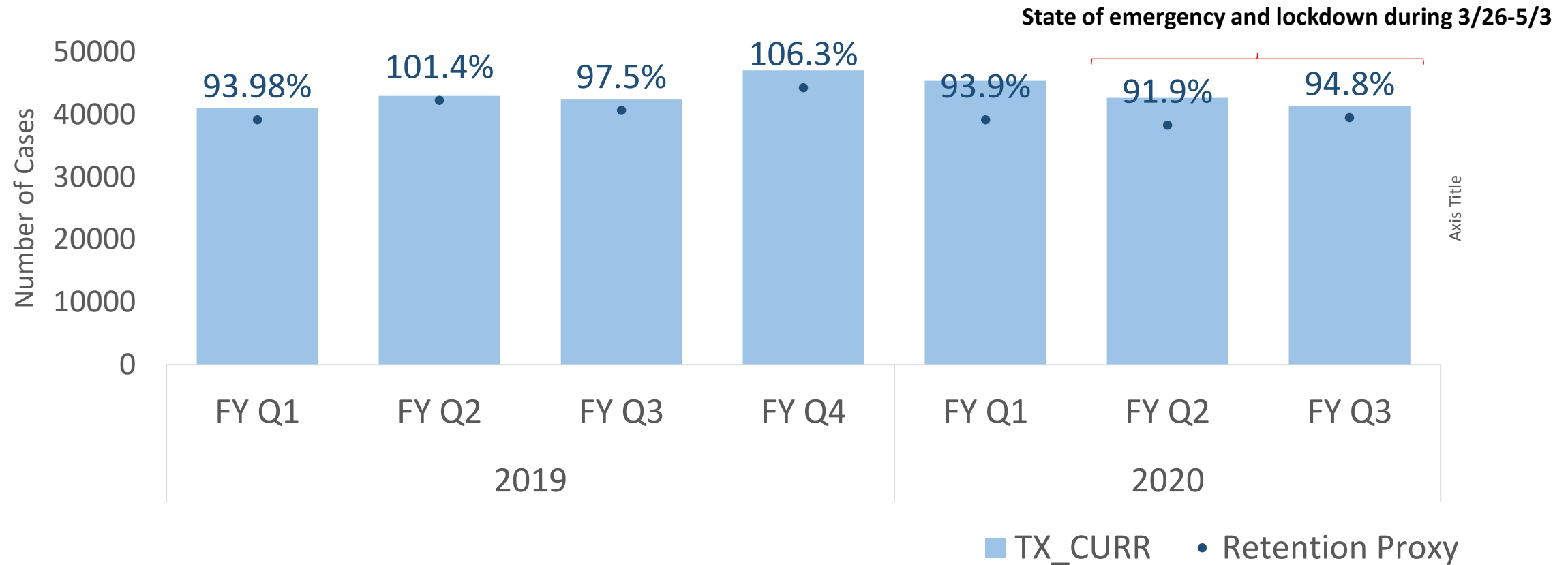
Number of New PEP/PrEP Client Visits at BMA Public Health Centers (Aug 2020)



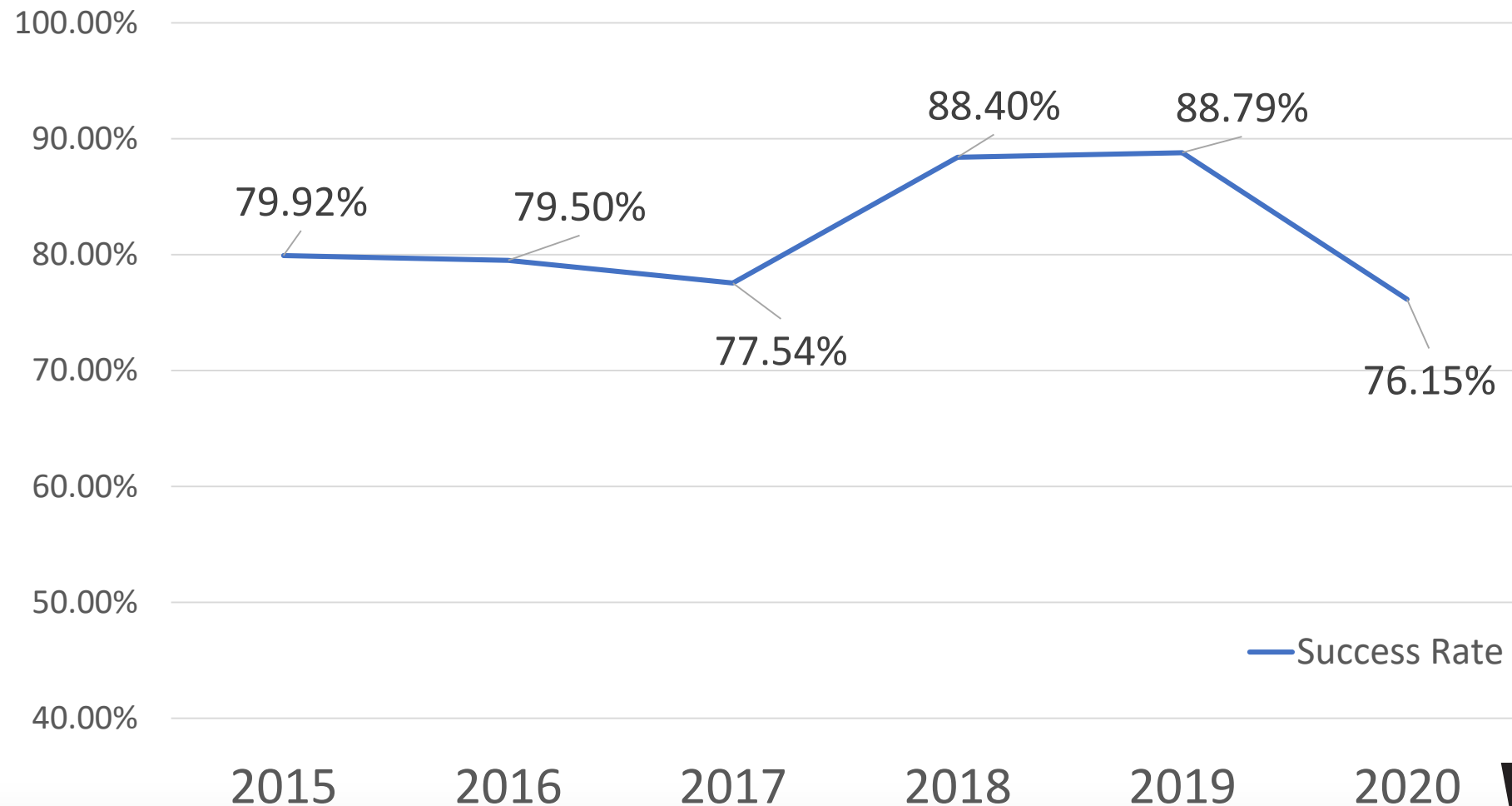
BMA ARV Initiation



BMA HIV Treatment Retention Proxy (2019-2020)



BMA TB Treatment Success Rate



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BMA Responses

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BMA Responses for TB patients

- Decongesting healthcare facilities
 - Extended appointment. (from 1 week to 1-2 months)
 - To align with Thai government policy: Social distancing and stay home order
 - Promote using communication through existing communication platforms ex. Line, Facebook etc.

BMA Responses for TB patients

- Move to VOT
- Increase home-visits and anti-TB medication delivered by HCWs



BMA Responses for PLHIV

- Decongesting healthcare facilities
- Differentiated Services Delivery in the context of COVID-19 pandemic



Zoom Session on HIV-COVID19 Management with HCWs

The screenshot displays a Zoom meeting interface. The main window shows a grid of 25 video thumbnails. The top-left thumbnail is highlighted with a green border and contains the text "วพ.ศิริราช-ฉกัทว...". Other thumbnails show various participants, including one with a "YouCam 5" logo and another with a beach scene. The bottom-right thumbnail shows the text "iPhone".

On the right side, there is a sidebar with the following sections:

- Participants (65)**: A list of participants with their names and initials. The list includes: Pattra Raksakham (PR), Pattra Raksakham (PR), Pomnipa Harnlakorn (PH), Sukanda Denjanta (SD), vivo 1724 (V1), and ศรรุณ อนันชัย. Below the list are buttons for "Mute All" and "Unmute All".
- Zoom Group Chat**: A section for group chat messages. It includes a search bar "Find a participant" and a list of messages. The messages are: "สวัสดีครับ หลังจากประชุมจะเข้าร่วมแชทการอบรมก่อนหลังได้ไหมครับ", "From รพ.สัวป่าดง to Everyone: ชัดเจนครับ", "From สสจ.นนทบุรี to Everyone: ชัดเจน", "From โรงพยาบาลขอนแก่น to Everyone: ชัดเจนครับ", and "From dell to Everyone: รพ.นนทบุรี/ชัดเจน".
- To: Aon Thana (Privately)**: A section for private messages.
- Type message here...**: A text input field for sending messages.

BMA Responses for PLHIV

- Balancing ARV stock levels with move to MMD
 - Shortage of first-line single-tablet ARV - Teevir (TDF/FTC/EFV) due to India ARVs export restrictions -> Switched to multi-tablet regimen
 - Intensified MMD (up to 6 months)

BMA ONE-STOP SERVICES

BMA ONE-STOP SERVICES has been scaled-up all over Bangkok to enhance access to HIV-TB-STI, including PrEP and same-day antiretroviral treatment.



One Stop Service (Testing, ARV, PrEP, STI, TB)

- Testing, PrEP
- Testing, ARV
- Testing



QR CODE for Service Delivery Access



ART HUB & ONE-STOP SERVICES

Antiretroviral treatment for all at 36 BMA facilities, regardless of health insurance coverage and nationalities



BMA Responses for HIV Control

- Ensuring home delivery of PrEP, condoms, and STI medications via courier & NGOs
- Provide TB/HIV/STI/PrEP service in extended-hours clinics



BMA Responses for HIV Control

- Utilizing ICT innovations and online platforms for health promotion

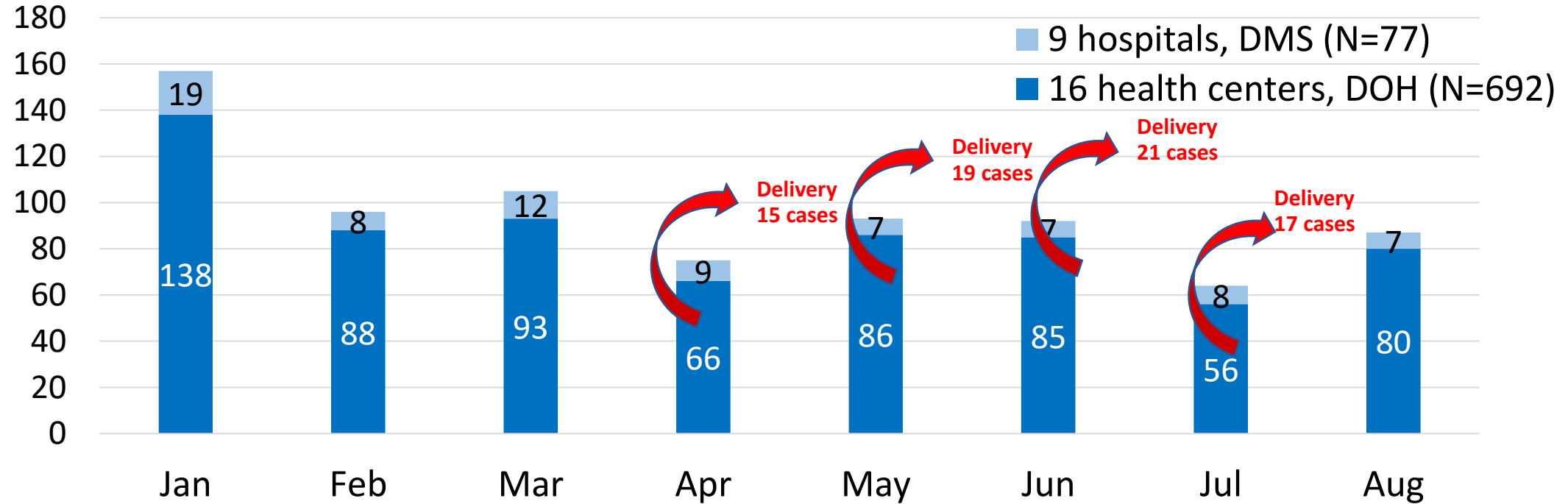


PrEP Bangkok
@prepbangkok



Number of New PrEP Clients in BMA Public Health Centers And Hospitals, in 2020

Clients



BMA Responses

- Remote consultation (telemedicine)
 - Existing social media and chat platforms.
- LTFU case management: Telephone call to F/U missed appointment at day 0, 3, 7, 30



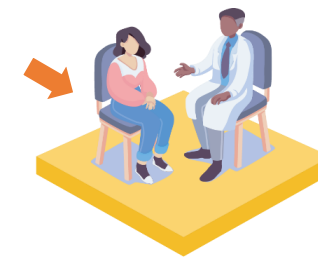
BMA Responses



- Strengthened out outreach intervention through combining COVID-19 mobile swab units with HIV/STD testing services for target groups such as sex workers

BMA Responses

- In August, BMA launched a new 12-month HIV self-test program in the Bangkok area, targeting MSM and TG population



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Lessons Learned

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Lessons Learned

- COVID-19 impacted to TB/HIV/STI healthcare services
- Flexible, uncomplicated and comprehensive services can be a solution
- Expansion of healthcare services through ICT services

Acknowledgment

- Division of Global HIV and TB Program (DGHT) PEPFAR US. CDC
- UNAIDS, Thailand