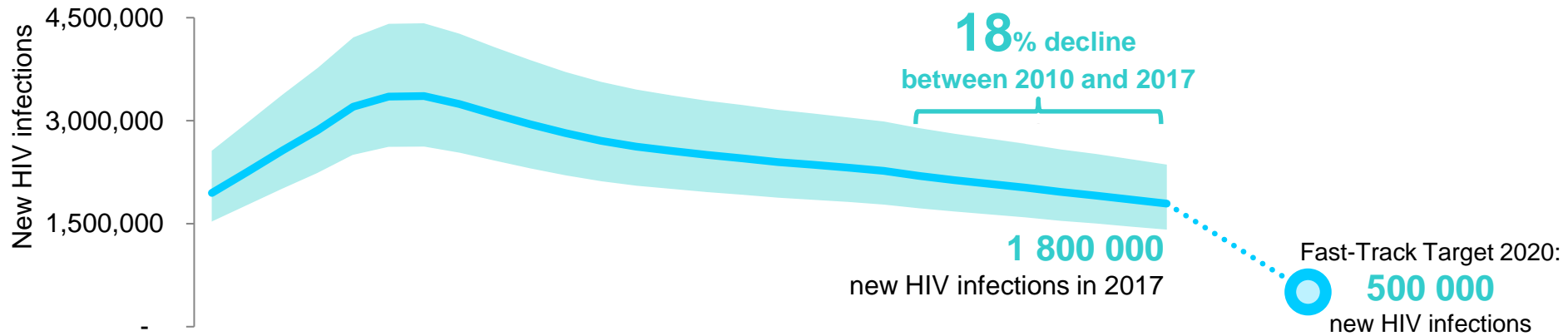


The HIV epidemic and response in Asia and the Pacific

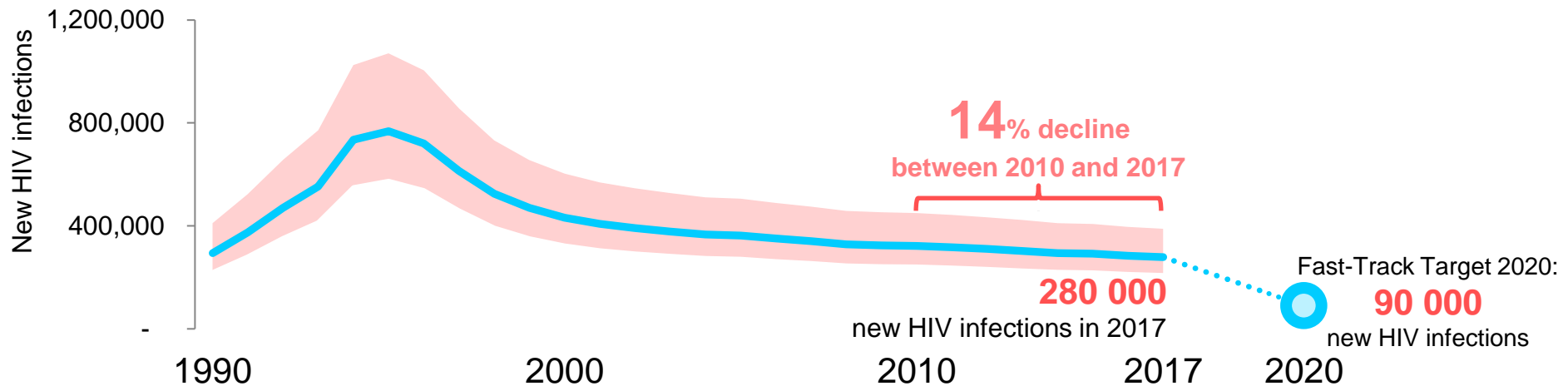


During the past 7 years the decline in new HIV infections has stalled

Global



Asia and the Pacific



— New HIV infections ● 2020 Fast-Track target*

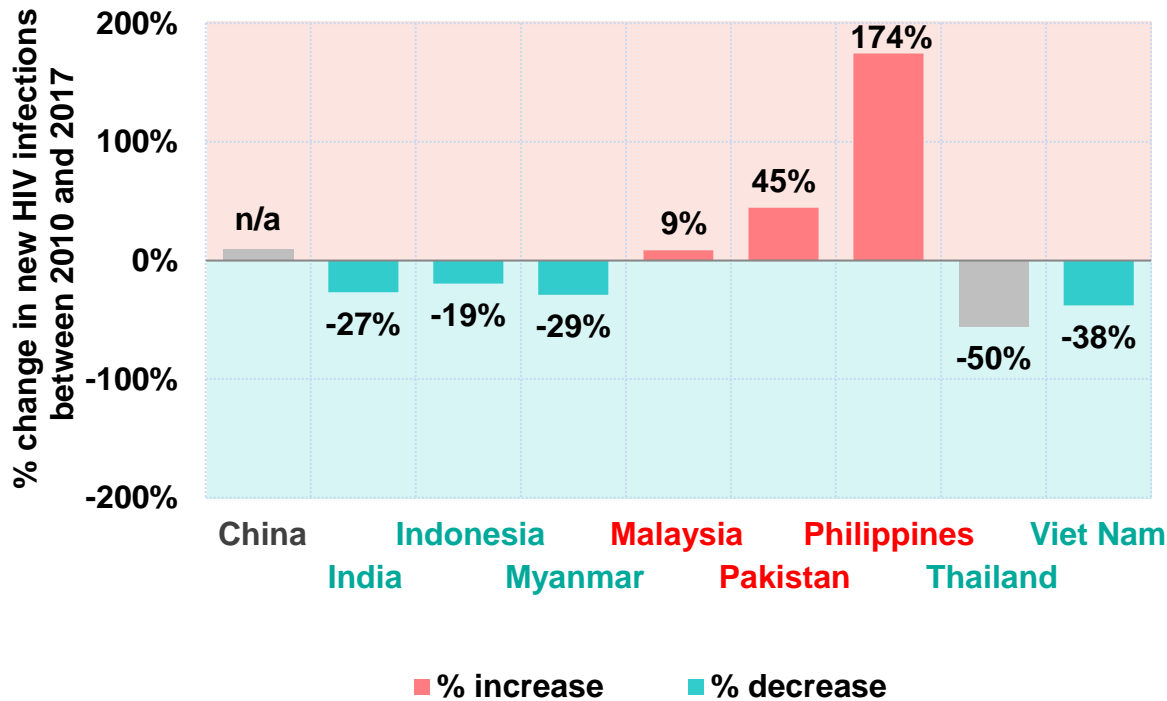
*The 2020 target is equivalent to a 75% reduction since 2010.



Source: Prepared by www.aidsdatahub.org based on UNAIDS 2018 HIV Estimates

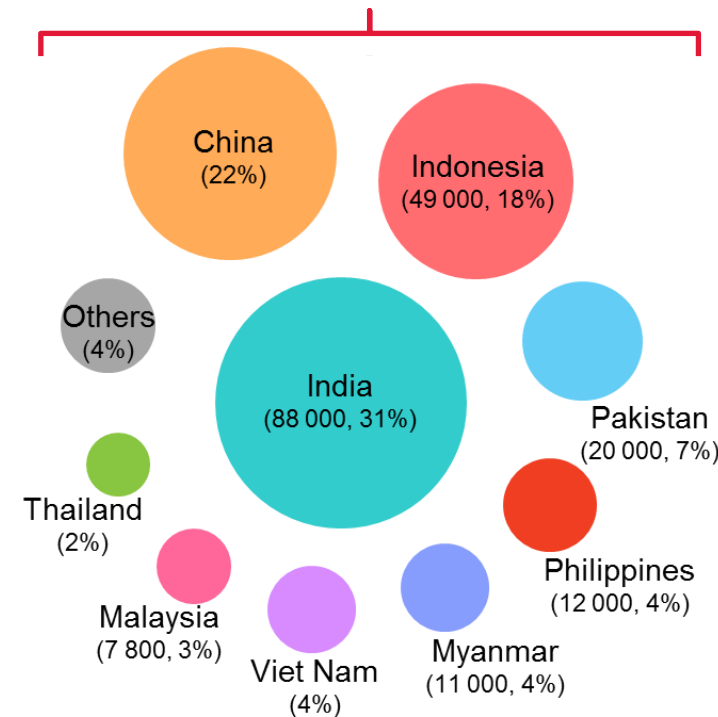
A significant variation in new HIV infections trends in Asia and the Pacific countries

Percent change in new HIV infections between 2010 and 2017



Distribution of new HIV infections by country, 2017

280 000 new HIV infections in Asia and the Pacific in 2017

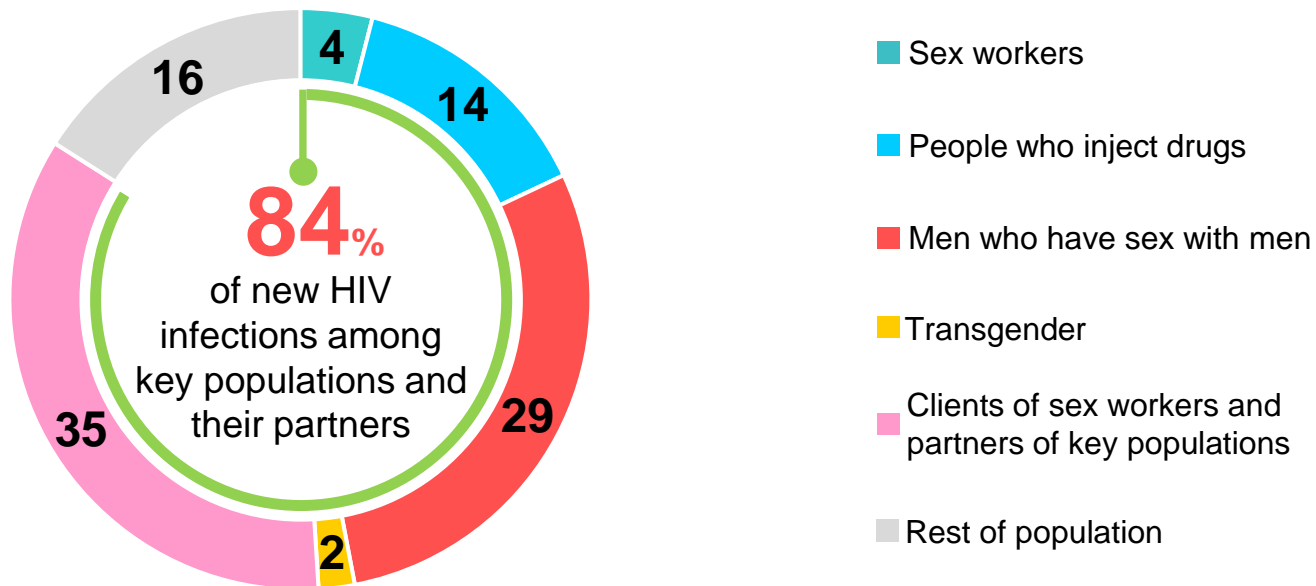


Getting to zero



84% of new HIV infections in Asia and the Pacific are concentrated among key populations and their sexual partners

Distribution of new HIV infections by population, 2017

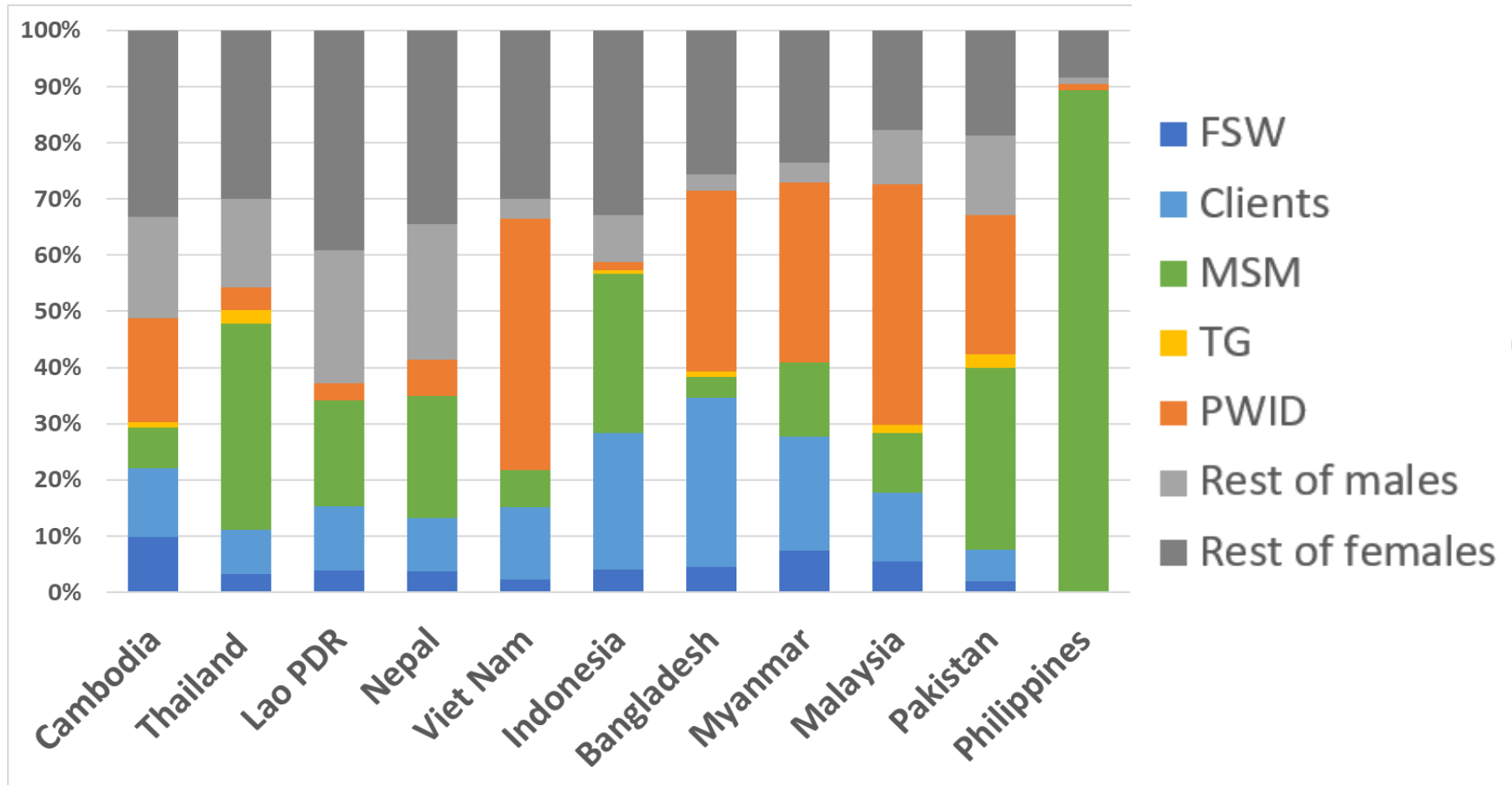


Getting to zero

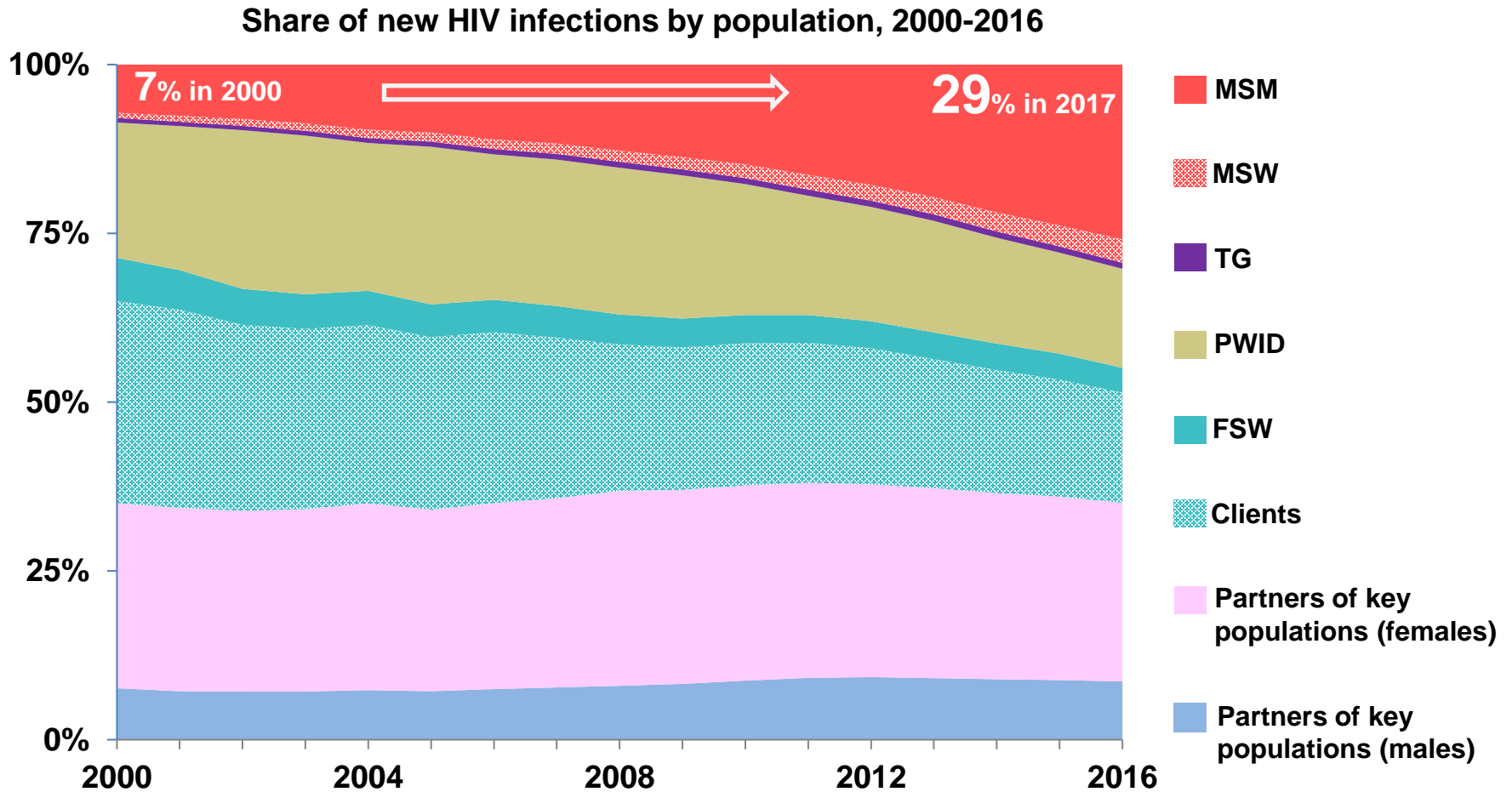


Diverse epidemic dynamics

Proportion of new HIV infections by risk groups



Expanding share of new HIV infections among men who have sex with men



Based on data from 11 countries: Bangladesh, Cambodia, Indonesia, Lao PDR, Malaysia, Myanmar, Nepal, Pakistan, Philippines, Thailand, Viet Nam

Digitalization and its consequences: changing pattern of meeting and finding sex partners

% of MSM who used internet to find sex partners

(among those who are physically recruited through Integrated Biological and Behavioural surveys)

23% in **Papua New Guinea**



33% in **Sri Lanka**



38% in **Philippines**



50% in **Timor-Leste (Bacau)**

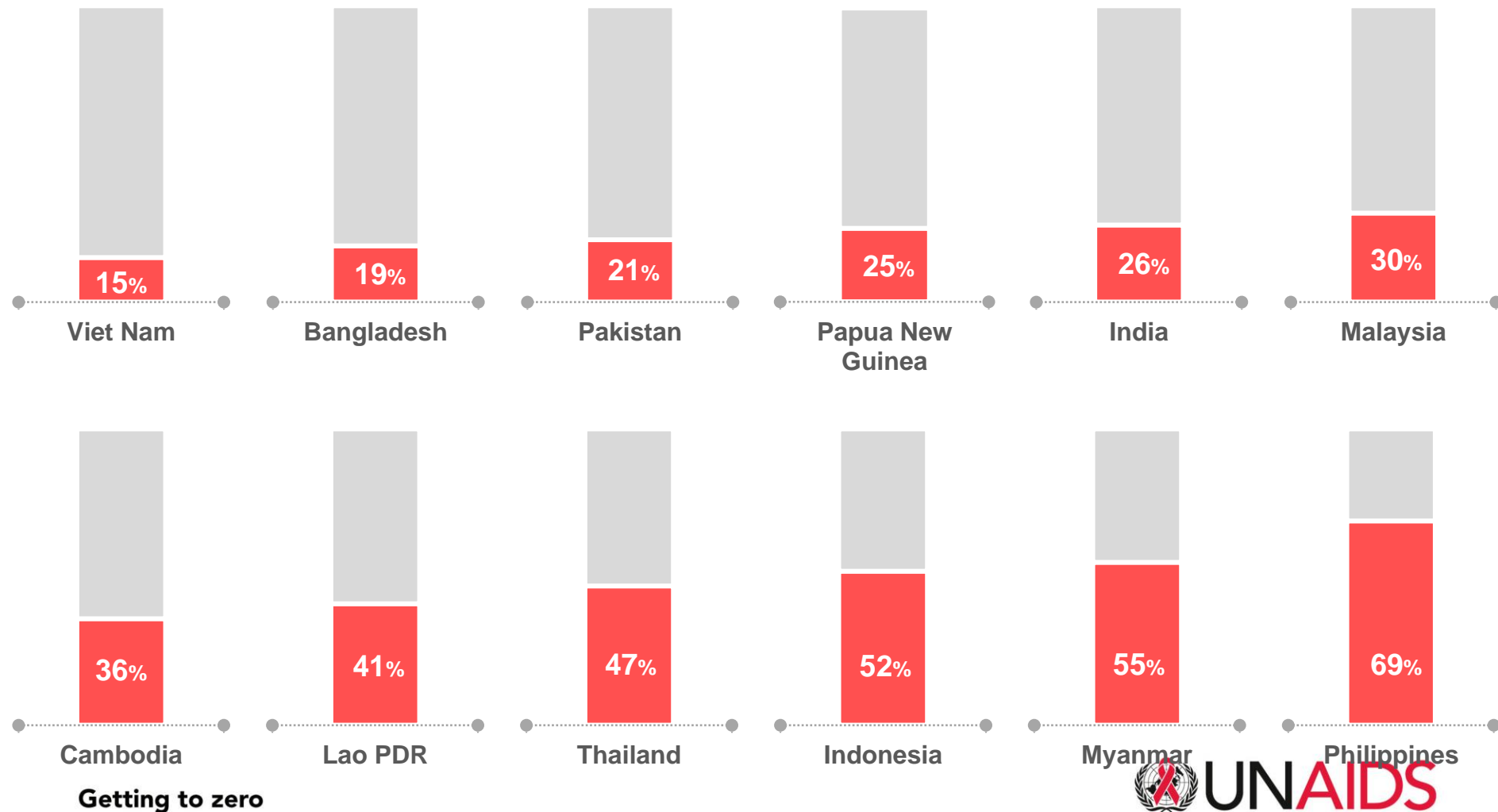


Getting to zero



Significant proportion of new infections are among young people (15-24)

Young people (15-24) as proportion of total new HIV infections, 2017

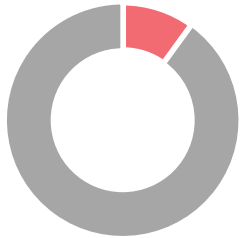


Getting to zero



Young key populations are less accessible to HIV testing services

In Pakistan...

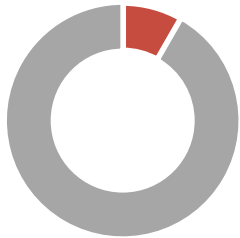


1 in 10

Young sex workers

know their HIV status that is **3 times lower** than their older counterparts

In Lao PDR...



Less than **1 in 10**

Young MSM

know their HIV status that is **2 times lower** than their older counterparts

In Malaysia...



Less than **1 in 3**

Young TG

know their HIV status that is **two-third** of the testing coverage of their older counterparts

In Pakistan...



1 in 6

Young PWID

know their HIV status that is **3 times lower** than their older counterparts

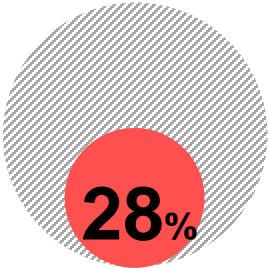
Get



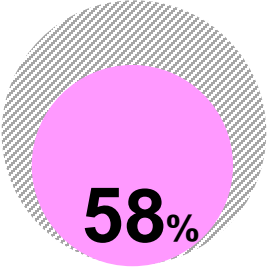
Mind the gap: use innovations to maximize prevention effect

Prevention gap, select countries and populations

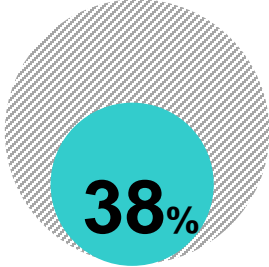
Philippines,
Men who have sex
with men



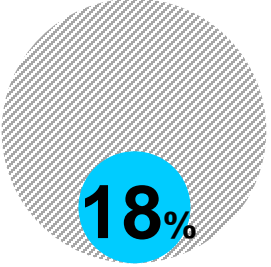
Malaysia,
Transgender women



PNG, Port Moresby,
Female sex workers

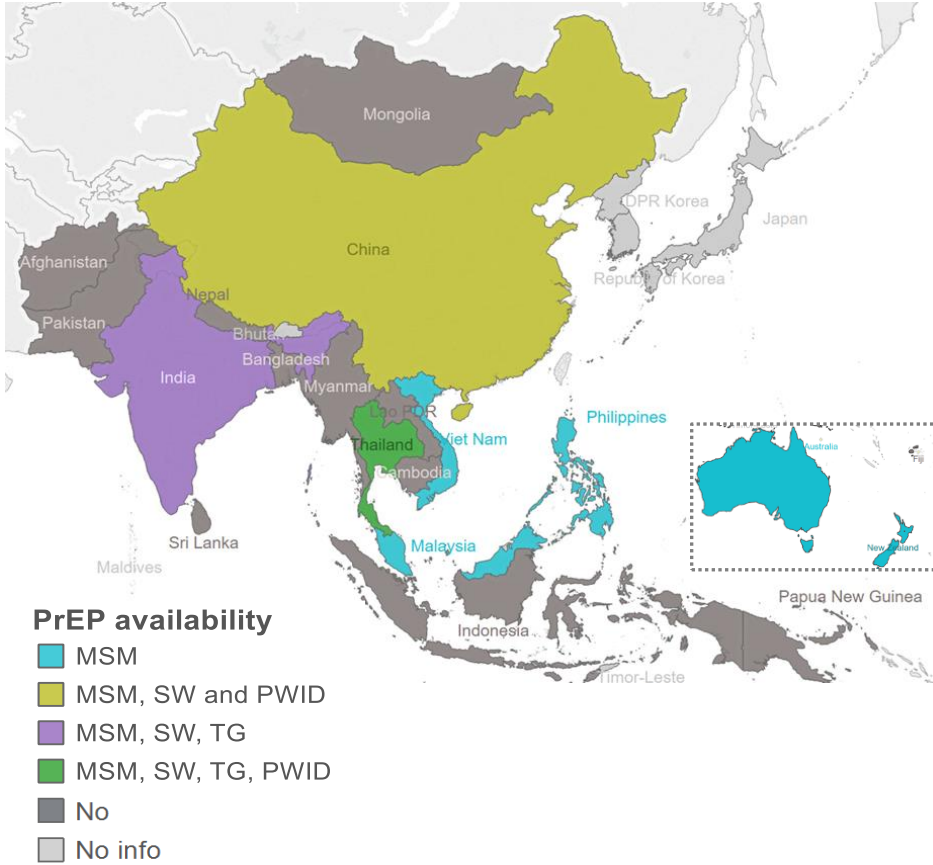


Viet Nam,
People who inject drugs



* any 2 out of 3 services -
condom and lubricants,
counselling, and STI
screening/ needles and
syringes for PWID

PrEP availability through pilot/demonstration sites by key populations, March 2018



Note: Although PrEP demonstration and pilot projects are available for key populations in the region, only Australia, New Zealand, and Thailand provide/have planned to provide PrEP at national scale.

Key populations prevention gap



Female sex workers

Men who have sex with men

People who inject drugs

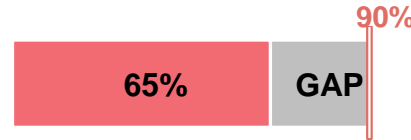
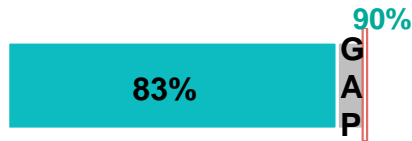
Key populations size

4.6 M

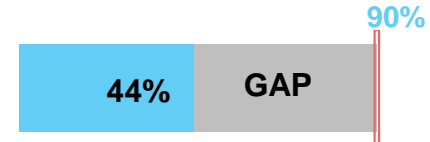
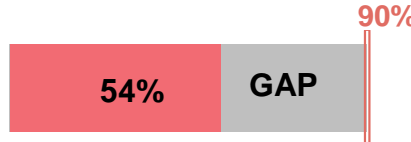
11.7 M

4.1 M

Condom use at last sex



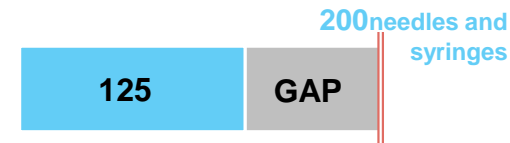
HIV testing coverage



Needles and syringes

(...)

(...)



PrEP

3

countries have PrEP projects for FSW

8

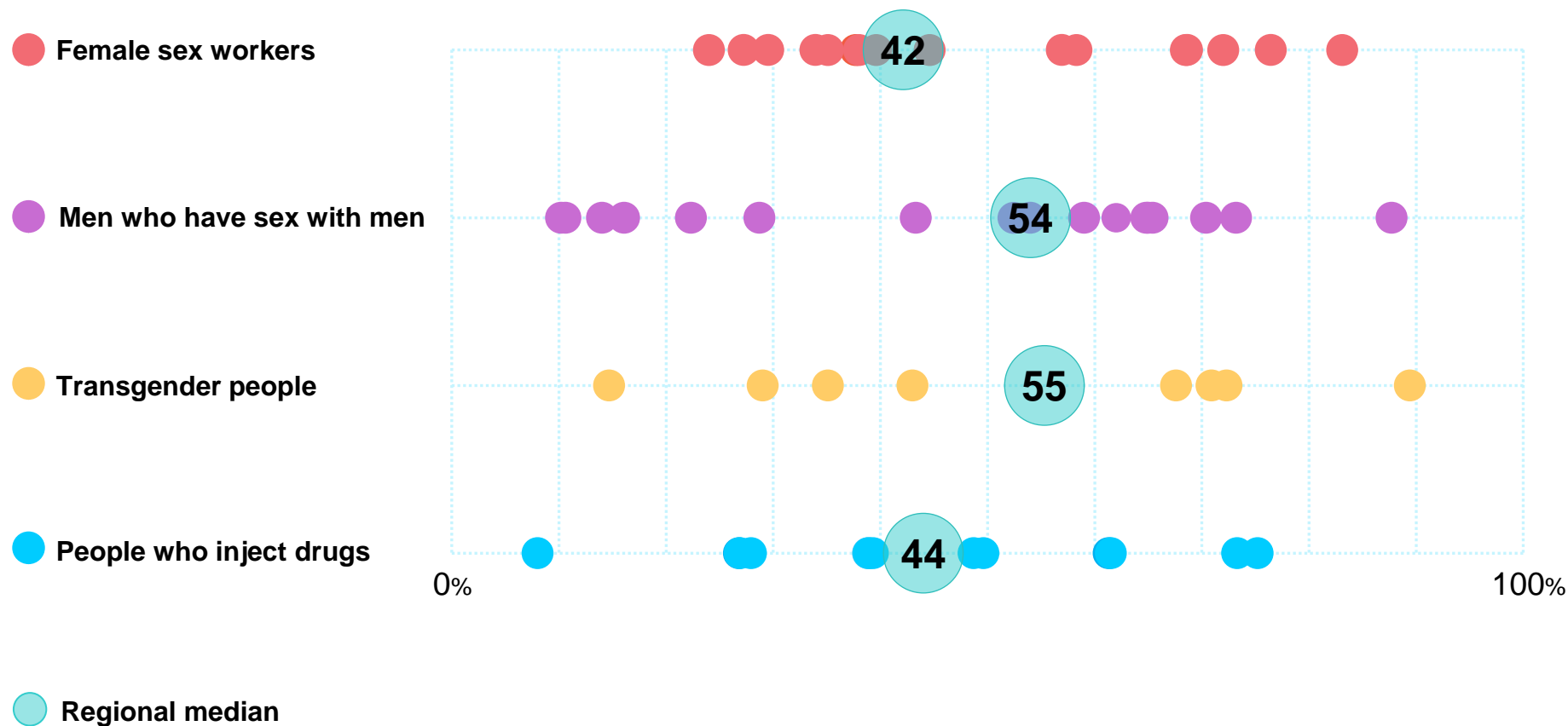
countries have PrEP projects for MSM

2

countries have PrEP projects for PWID

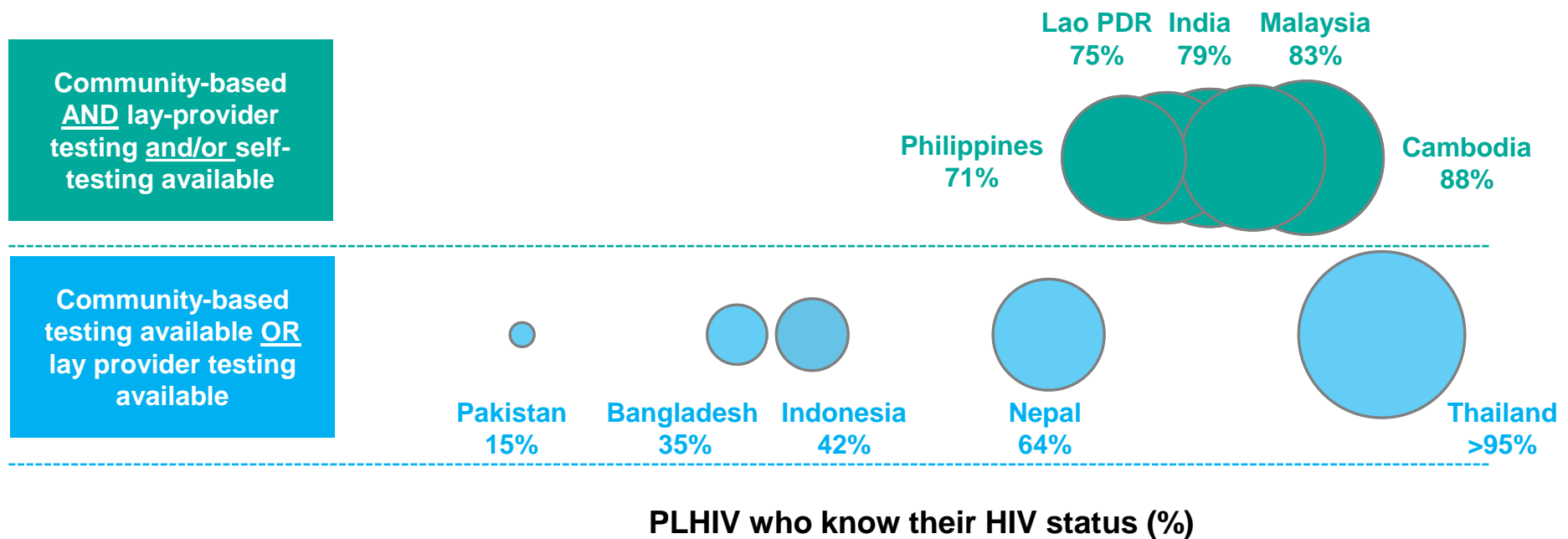
HIV testing is the entry point for prevention and treatment but about half of key populations do not know their HIV status

HIV testing coverage among key populations, 2014 - 2017



Testing strategies have Clear effect on the 1st 90

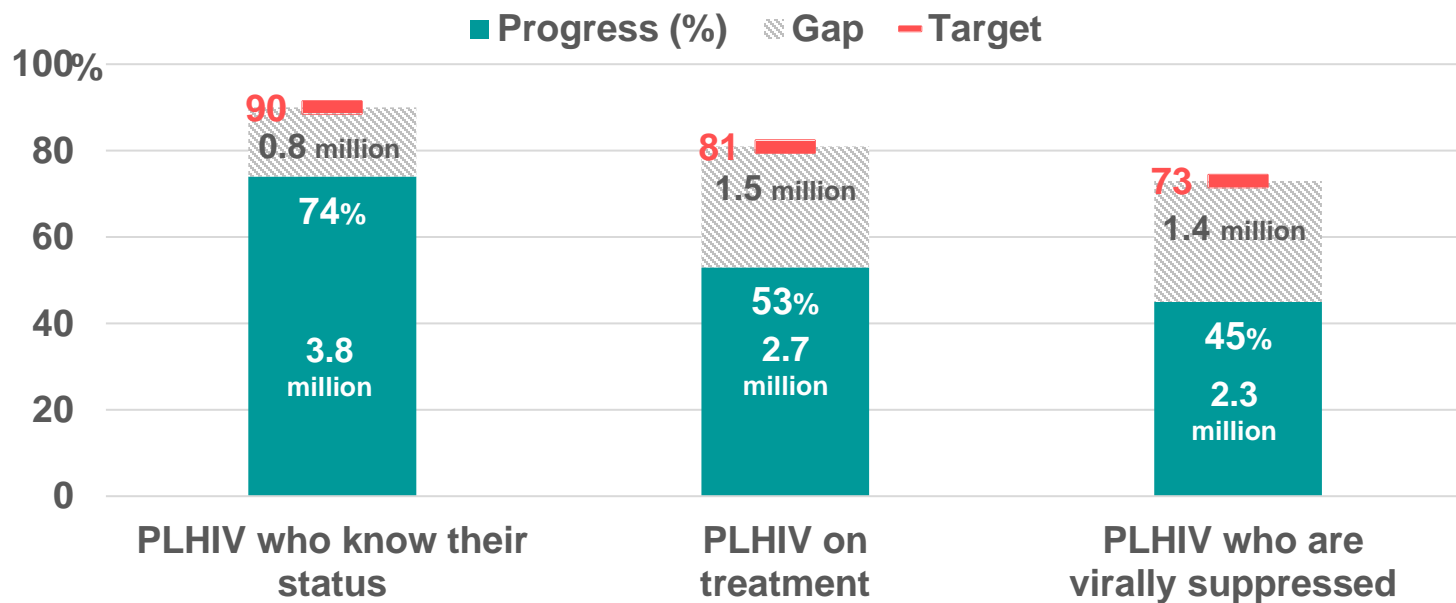
Proportion of PLHIV who know their HIV status by HIV testing approaches, 2017



Know the status data is not available for China, Myanmar, Papua New Guinea and Viet Nam

Regional overview: 90-90-90 target and gaps

HIV testing and treatment cascade, Asia and the Pacific, 2017

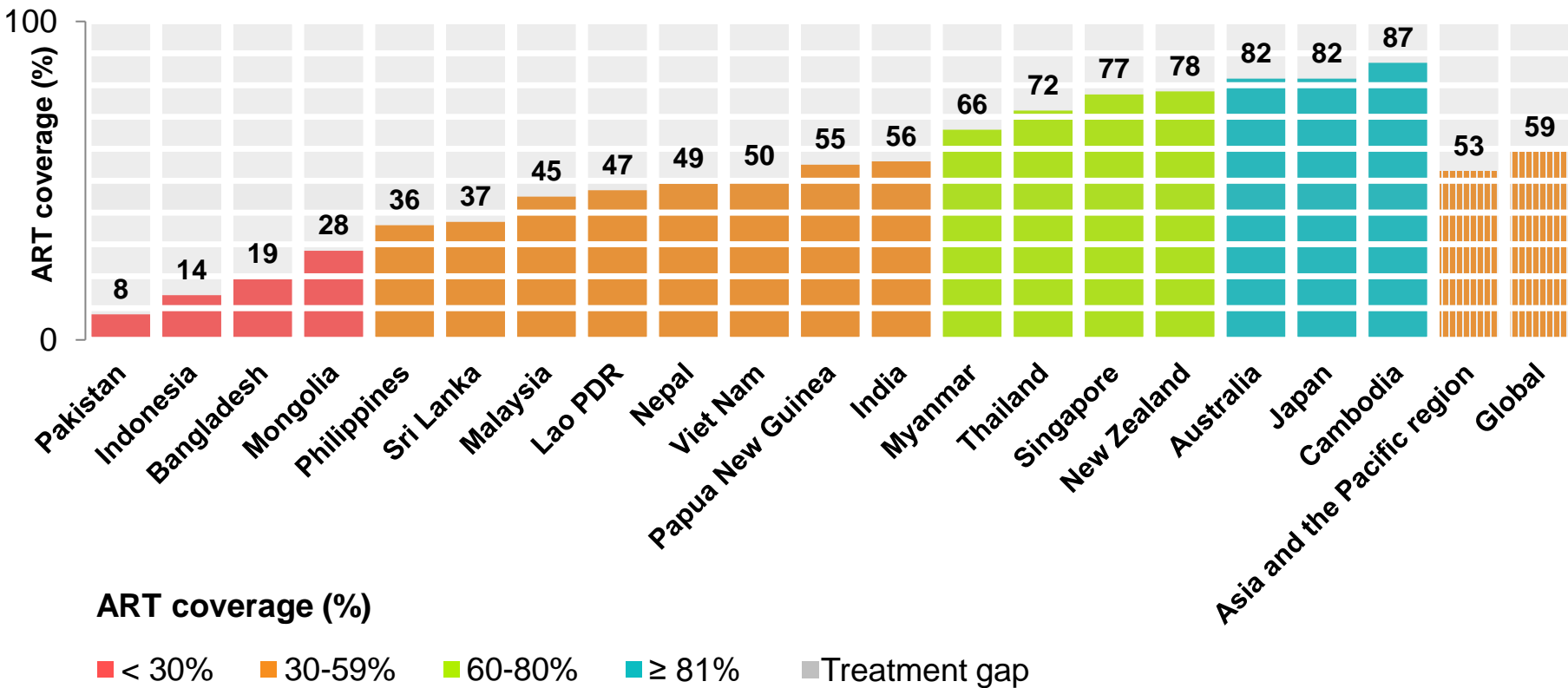


Getting to zero



Current treatment scale-up has made significant achievement but the region is lagging behind the global trend

ART coverage and treatment gap, Asia and the Pacific, 2017



Getting to zero



Countries need to put in place guarantees against discrimination in law, policies, and regulations

Legal barriers to HIV response remain in 38 UN Member States in Asia Pacific

Recent ground-breaking decision by India's Supreme Court strikes down law criminalizing LGBTI people



REPORTABLE

IN THE SUPREME COURT OF INDIA
CRIMINAL ORIGINAL JURISDICTION
WRIT PETITION (CRIMINAL) NO. 76 OF 2016

NAVTEJ SINGH JOHAR & ORS. ...Petitioner(s)

VERSUS

UNION OF INDIA
THR. SECRETARY
MINISTRY OF LAW AND JUSTICE ...Respondent(s)

WITH

WRIT PETITION (CIVIL) NO. 572 OF 2016
WRIT PETITION (CRIMINAL) NO. 88 OF 2018
WRIT PETITION (CRIMINAL) NO. 100 OF 2018
WRIT PETITION (CRIMINAL) NO. 101 OF 2018
WRIT PETITION (CRIMINAL) NO. 121 OF 2018

J U D G M E N T

Dipak Misra, CJI (for himself and A.M. Khanwilkar, J.)



TB snapshot

Globally...

10.4 million new TB infections of which

0.6 million are MDR/RR-TB infections

1.7 million TB deaths

In Asia and the Pacific...

7.1 million new TB infections (+2/3)

0.4 million are MDR/RR-TB infections (2/3)

0.8 million TB deaths (1/2)

Getting to zero

MDR/RR-TB = Rifampicin Resistant (RR) -TB cases including MDR-TB cases



11 out of 12 high TB burden countries in Asia and the Pacific also have high MDR-TB burden, 2016

	High TB burden	High MDR-TB burden
Bangladesh	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cambodia	<input checked="" type="checkbox"/>	<input type="checkbox"/>
China	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
DPR Korea	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
India	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Indonesia	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Myanmar	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Pakistan	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Papua New Guinea	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Philippines	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Thailand	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Viet Nam	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Getting to zero

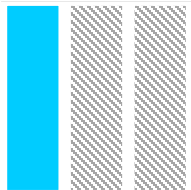


But... a lot of missed opportunities



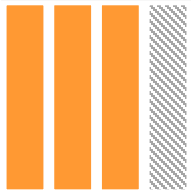
2 in 3

People co-infected with TB-HIV DO NOT know their HIV status



1 in 3

ART service providers DO NOT provide TB treatment in ART settings



3 in 4

TB service providers DO NOT provide antiretroviral therapy in TB clinics

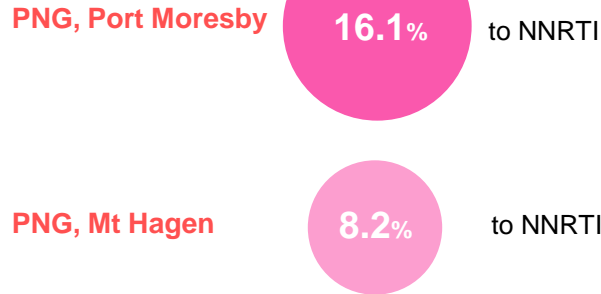
Getting to zero



Snapshot of HIV and TB drug resistance in Asia Pacific

HIV drug resistance prevalence

Transmitted drug resistance
(2013-14 study)



Pre-treatment drug resistance
(2014-17 study)

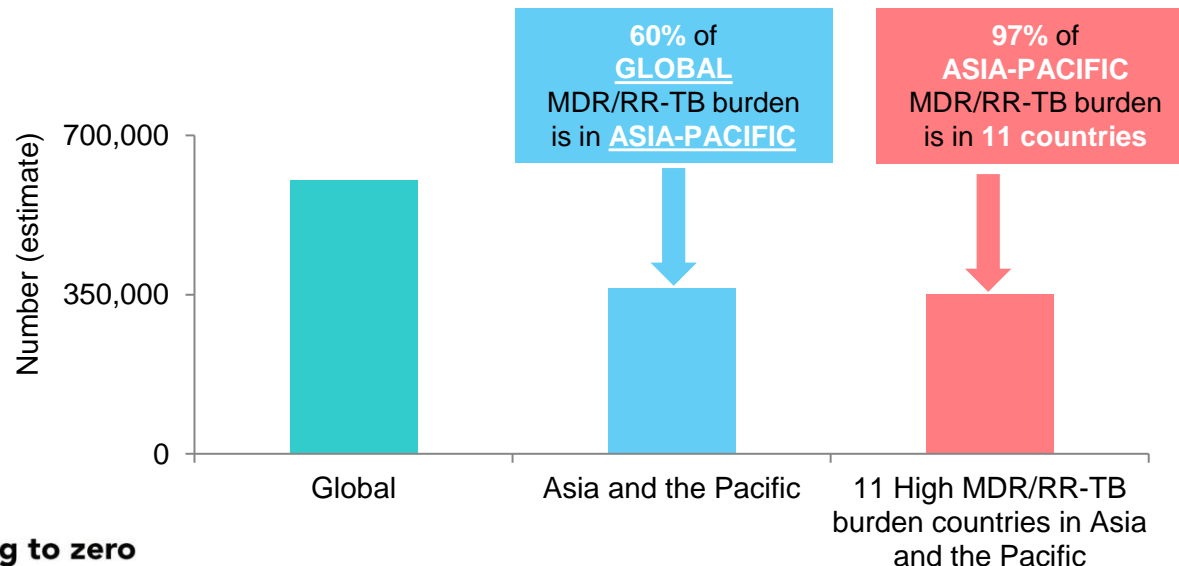


Acquired drug resistance
(2014-17 study)



NNRTI - ARV that works as non-nucleoside reverse transcriptase inhibitor

Tuberculosis drug resistance

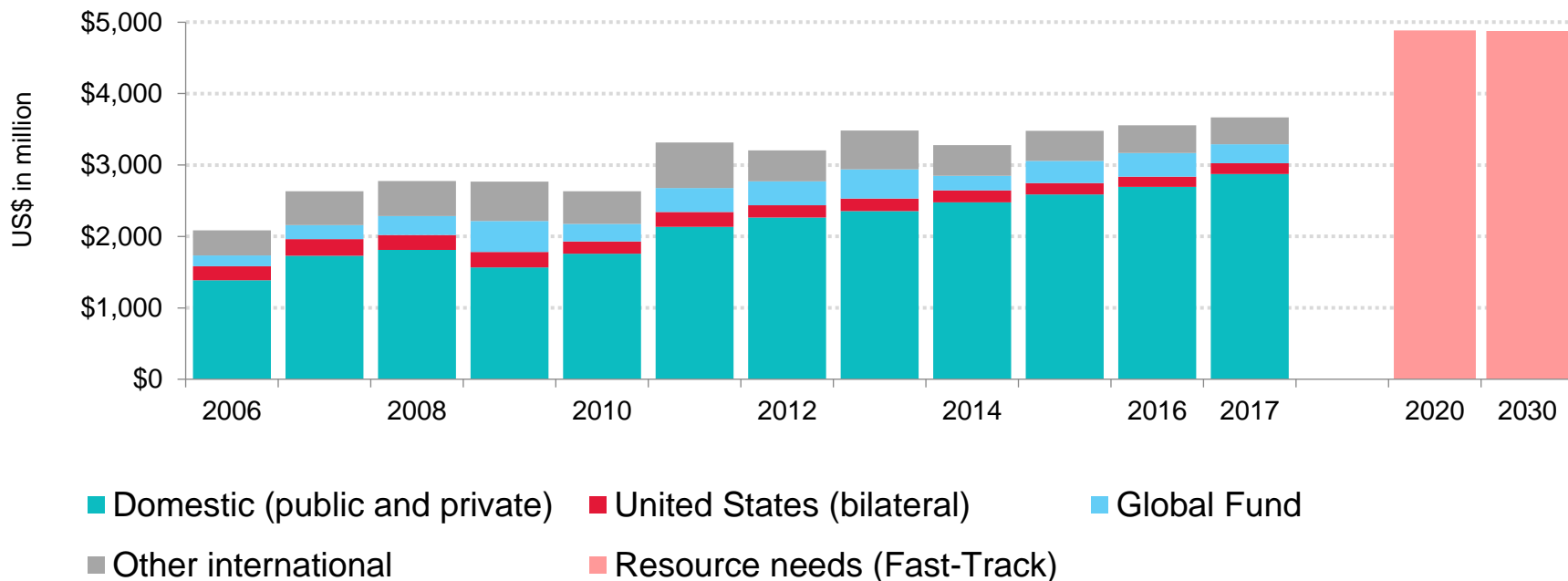


MDR/RR-TB = Rifampicin Resistant (RR) -TB cases including MDR-TB cases



Getting to zero

AIDS spending by financing source and resource needs in Asia and the Pacific, 2006-2030



Prepared by www.aidsdatahub.org based on UNAIDS 2018 Estimates on HIV resource availability

Getting to zero

