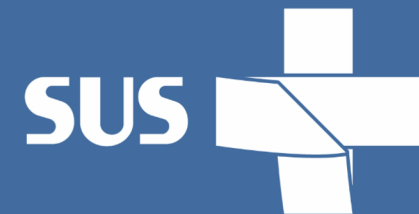


HIV & AIDS AMONG SEXUAL AND GENDER MINORITIES IN LATIN AMERICA

Mayara Secco Torres da Silva

Instituto Nacional de Infectologia Evandro Chagas, Fiocruz
Rio de Janeiro, Brasil



GLOBAL CONTEXT



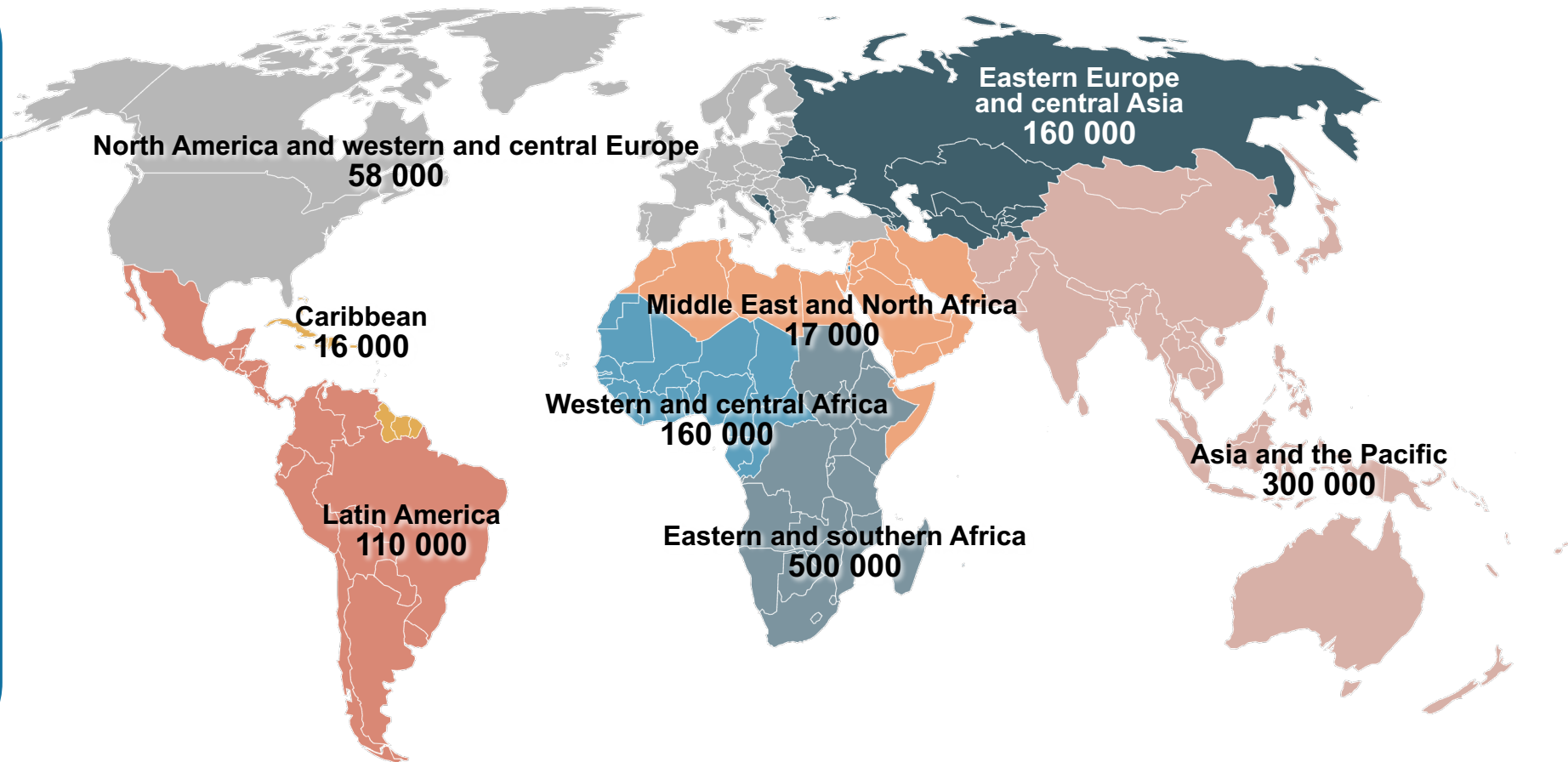
The HIV pandemic

New infections in adults and children (2022)

In 2022,
39 mi
people living
with HIV

1.3 mi
new infections

630,000
deaths



The HIV pandemic

Several vulnerabilities might contribute to the current global HIV situation



FOCUS ON LATIN AMERICA



HIV epidemic in Latin America

2.2
million
people living with HIV

72%
on ART



25%
late presentation

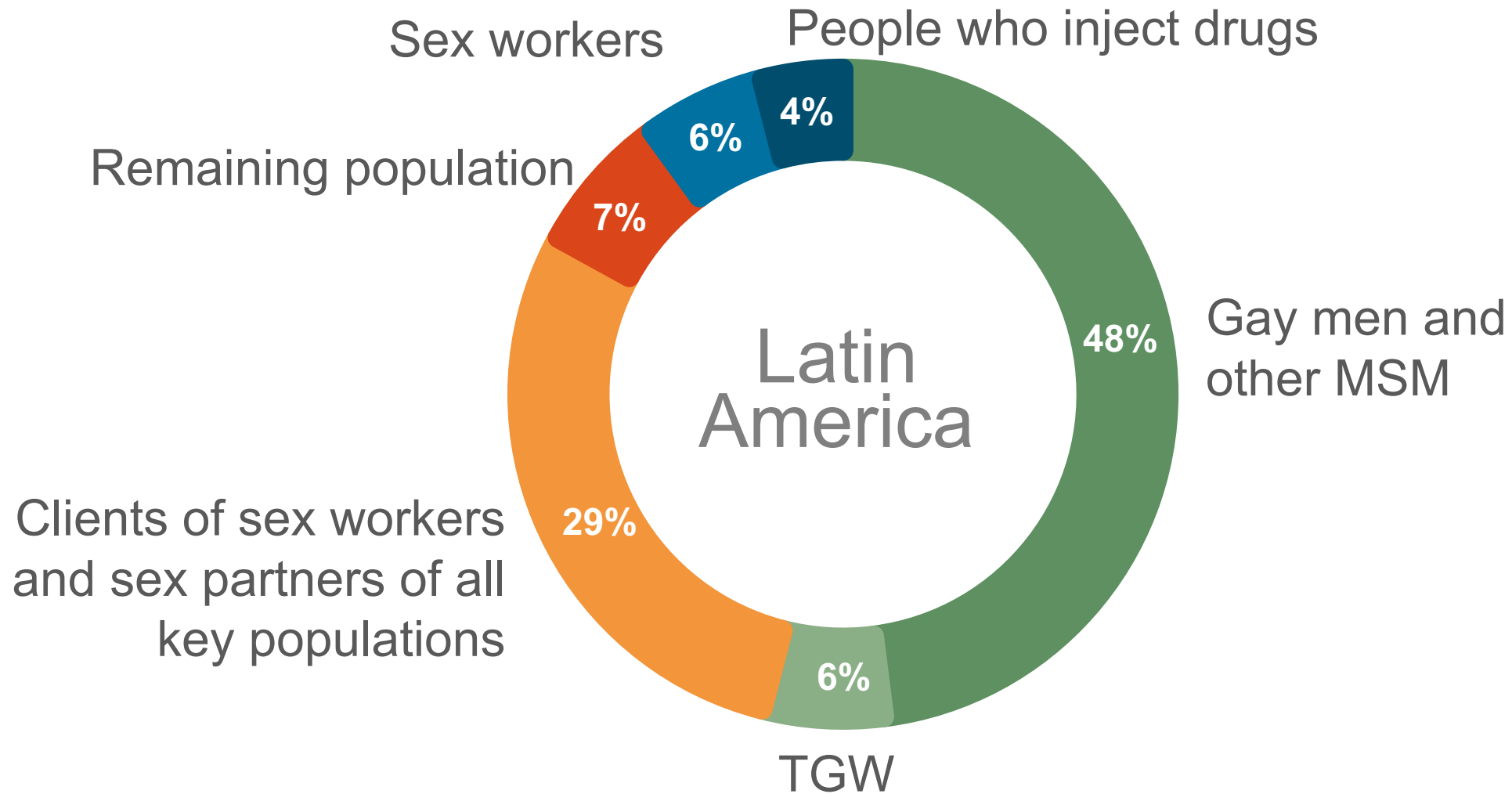
+8%
annual new infections*

-32%
annual deaths*

**relative to 2010*

HIV epidemic in Latin America

New HIV infections by population



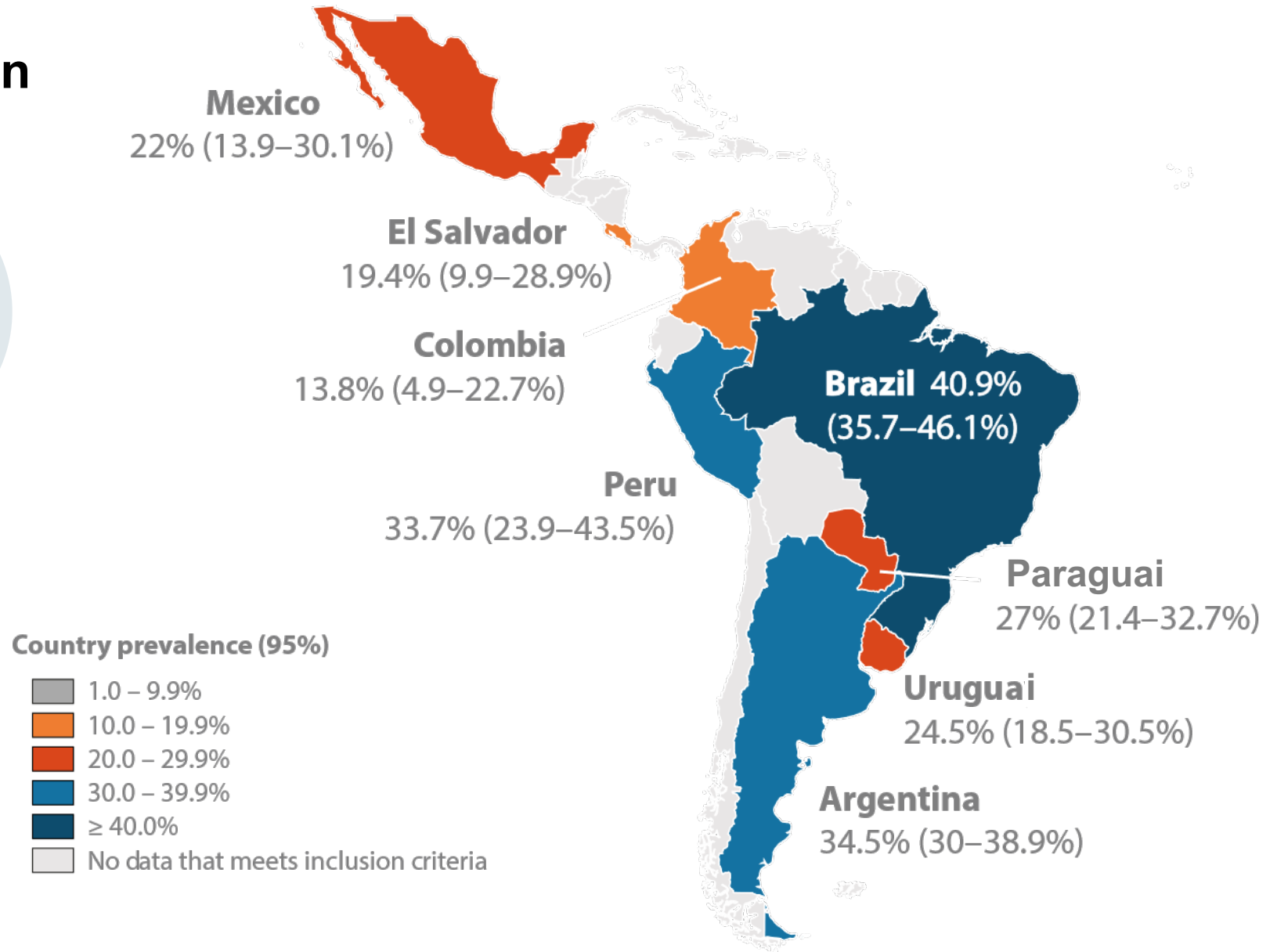
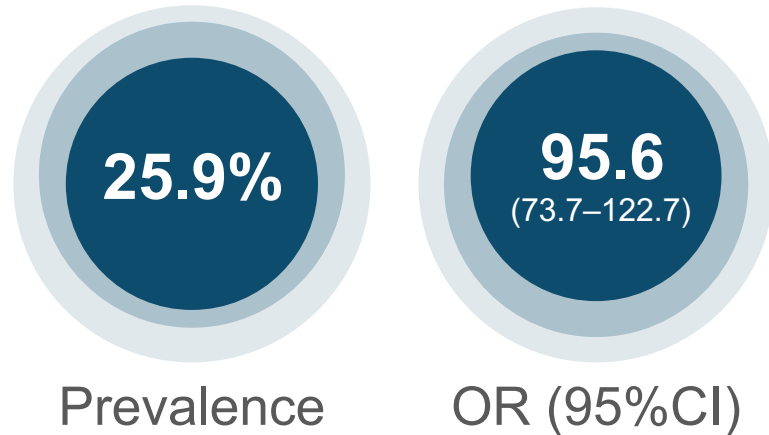
HIV epidemic in Latin America

HIV prevalence among men who have sex with men in Latin America

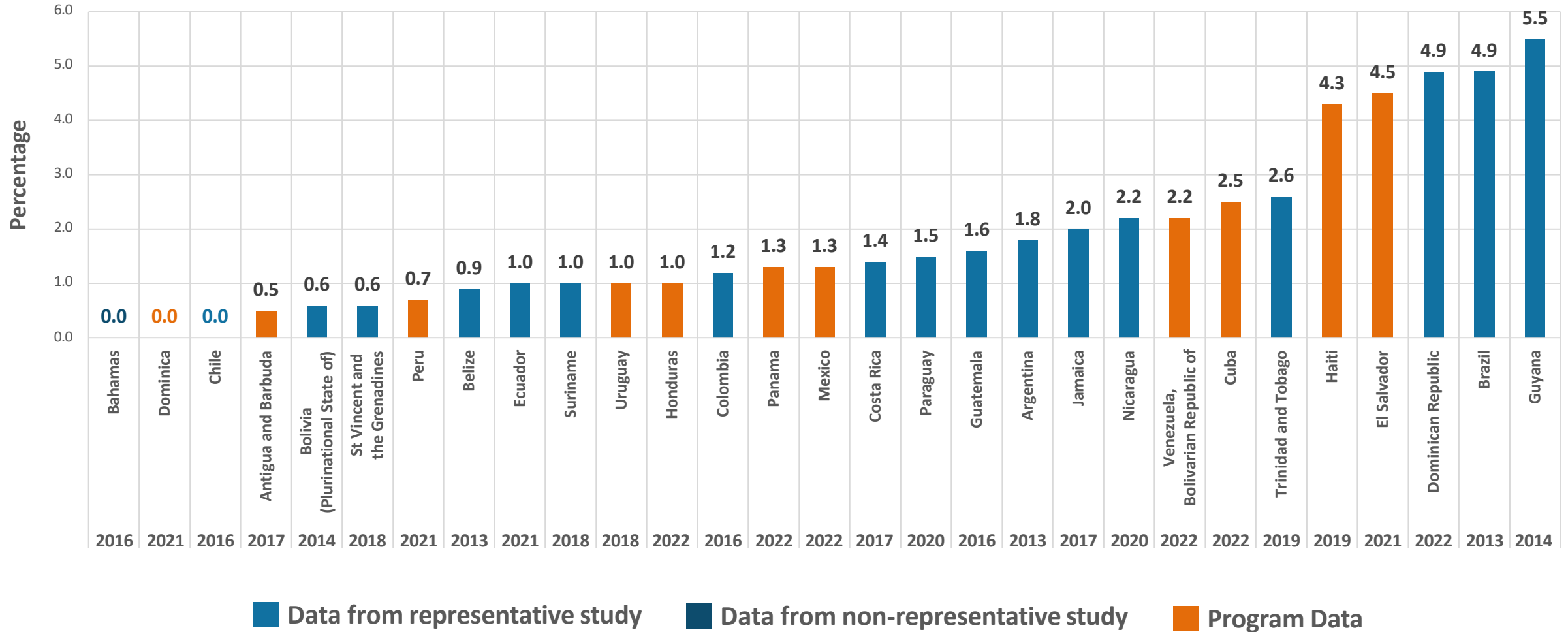


HIV epidemic in Latin America

HIV prevalence among transgender women in Latin America, 1999-2015



Prevalence of HIV infection in sex workers



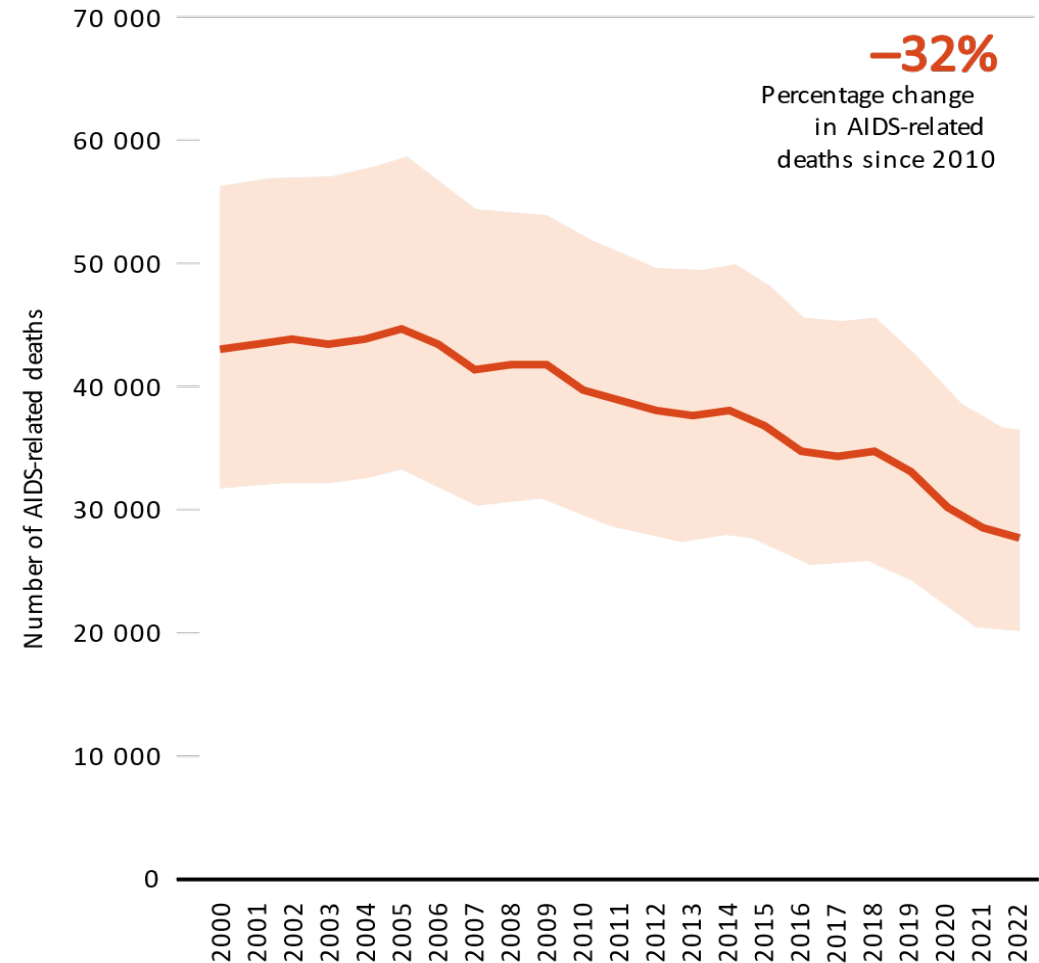
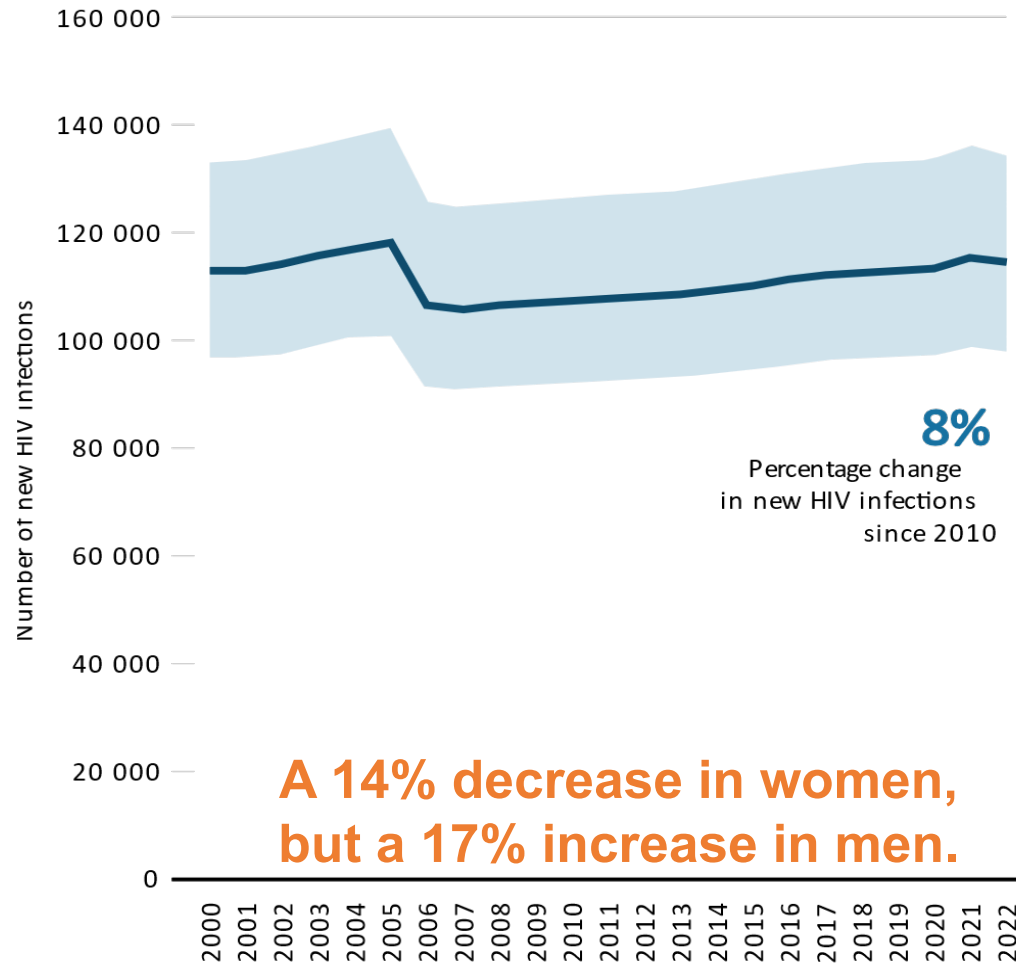
*latest reported data, 2016-2022

Source: PAHO, 2023. Global AIDS monitoring country responses, 2023.

HIV epidemic in Latin America

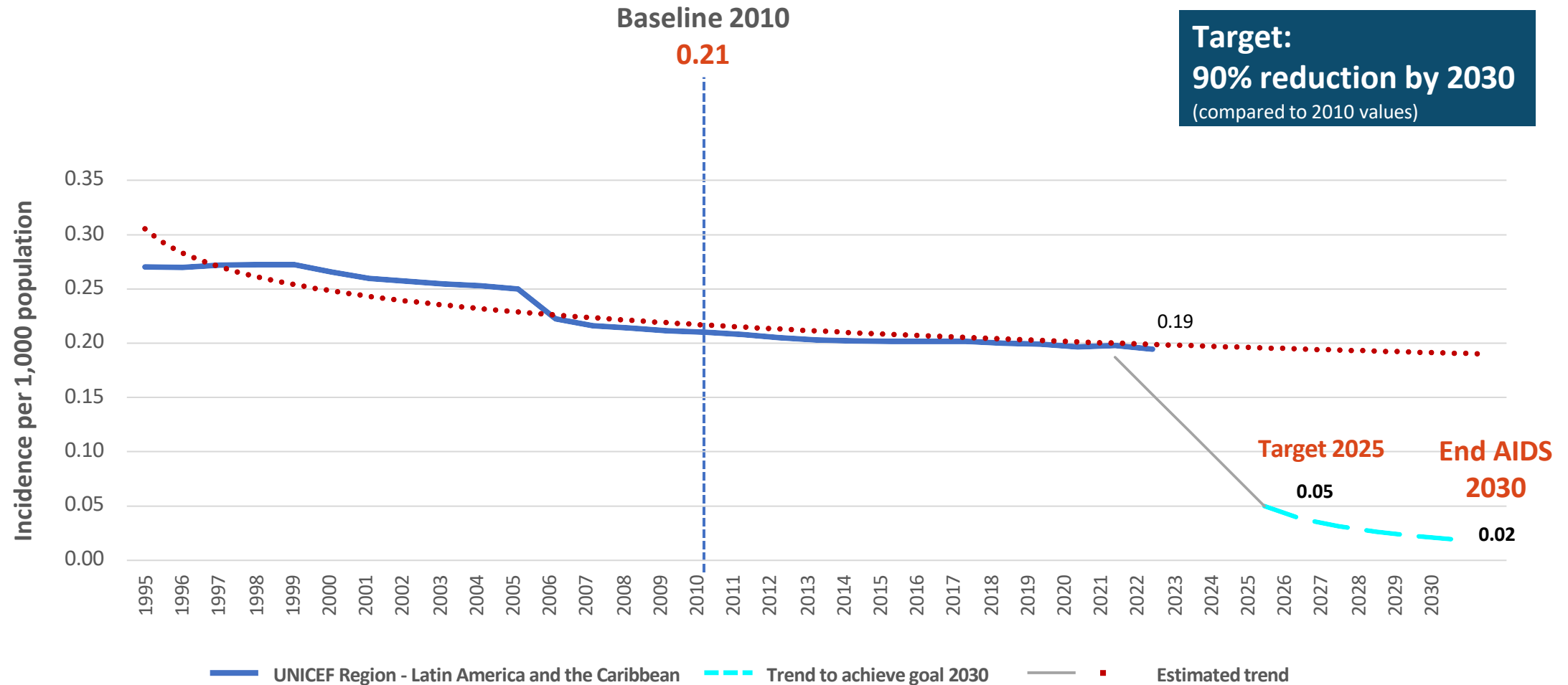
Latin America has made limited progress in reducing new HIV infections since 2000

New HIV infections and related deaths per year in Latin America, 2000-2022



HIV epidemic in Latin America

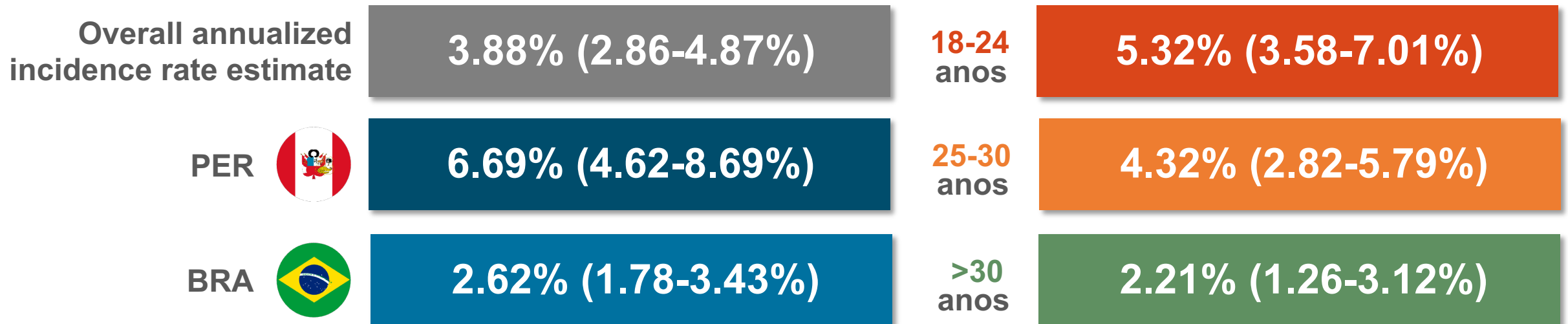
HIV incidence per 1000 population, 2030 forecast and targets for ending AIDS in Latin America and the Caribbean, 1995-2030



HIV epidemic in Latin America

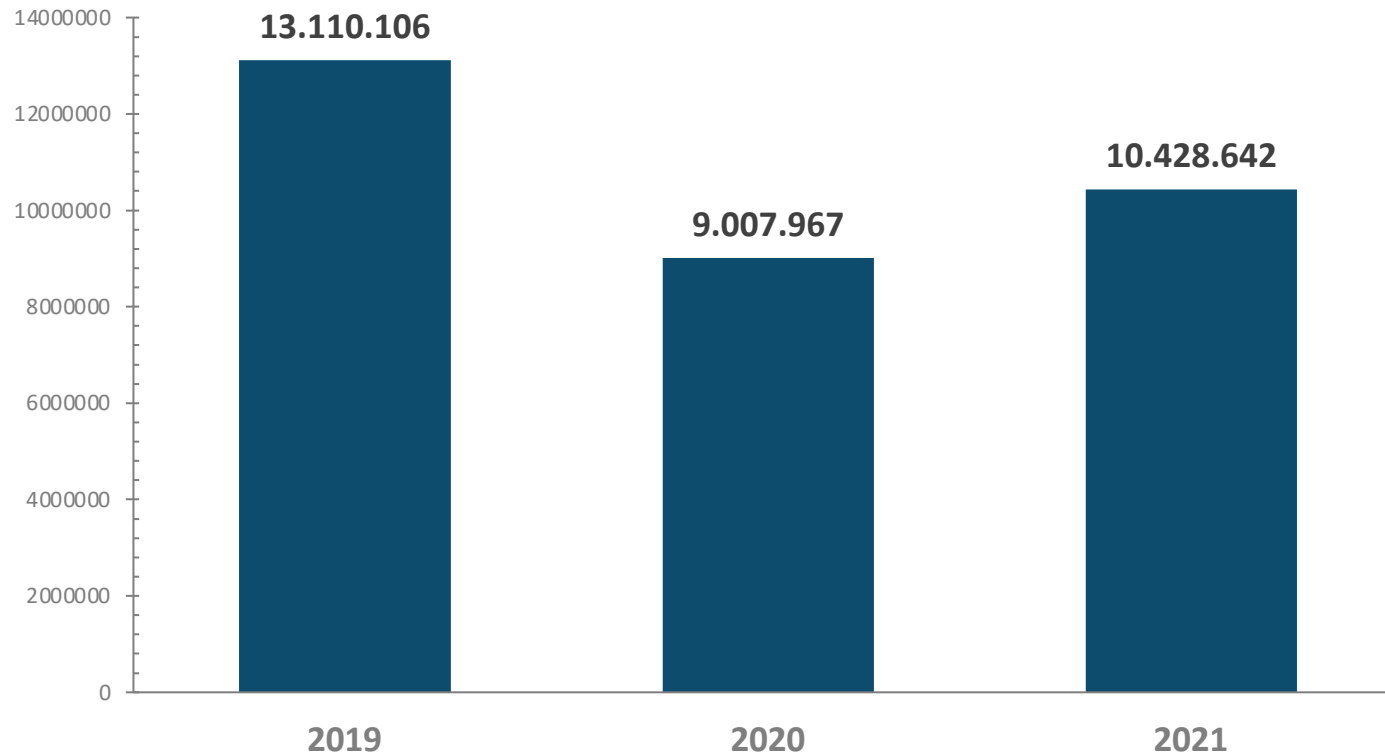
THE LANCET *Regional Health Americas*

Recent HIV infection and annualized HIV incidence rates among sexual and gender minorities in Brazil and Peru (ImPrEP seroincidence study): a cross-sectional, multicenter study



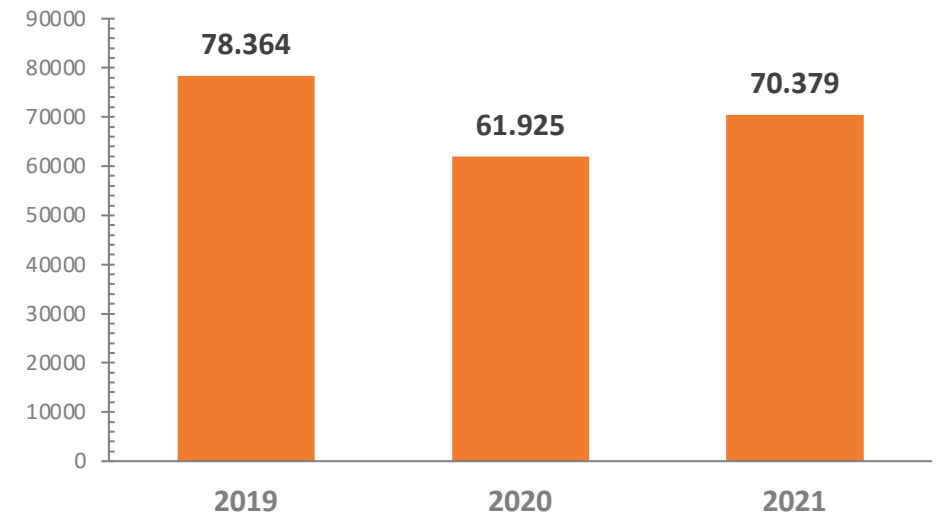
With over 660 million people, only 10 million (1.5%) HIV tests performed per year in the region

of HIV tests performed

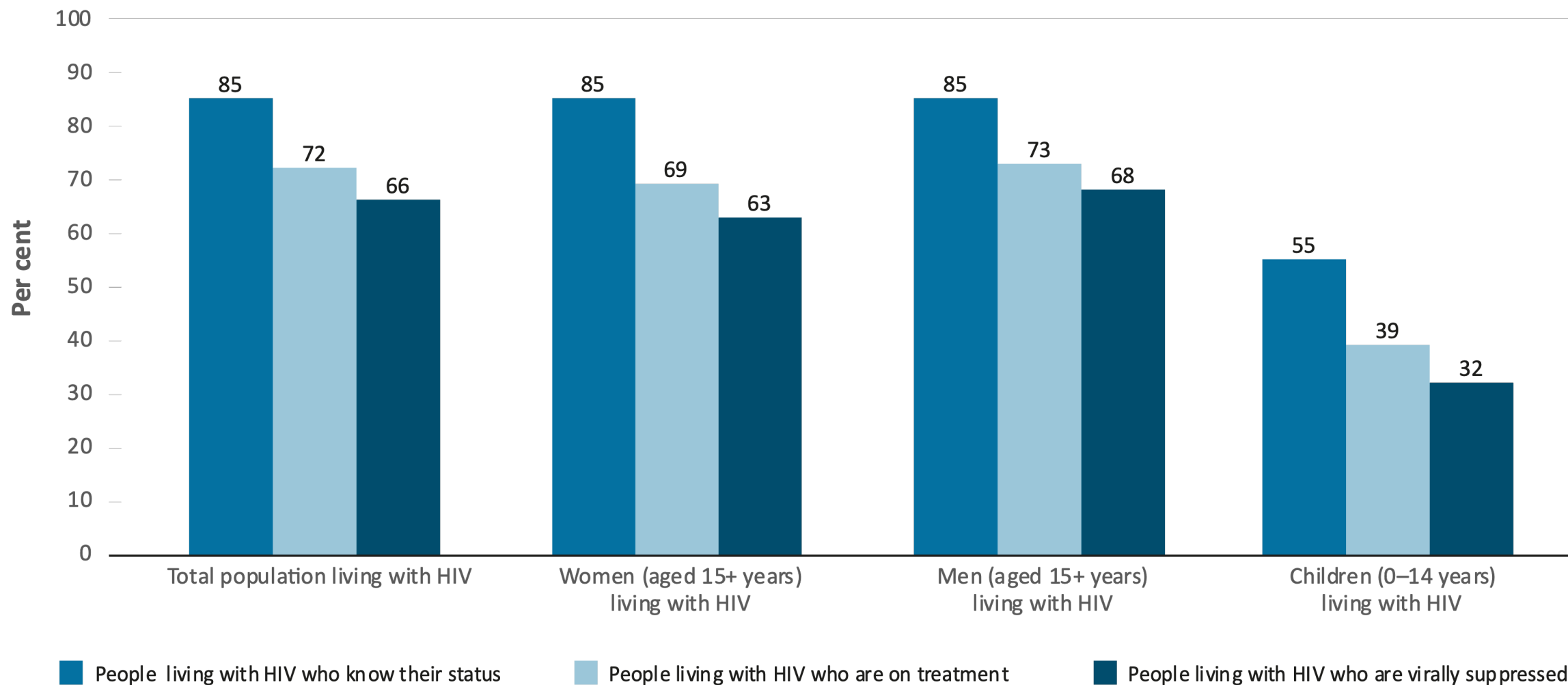


Positivity 0.67%

Positive HIV tests

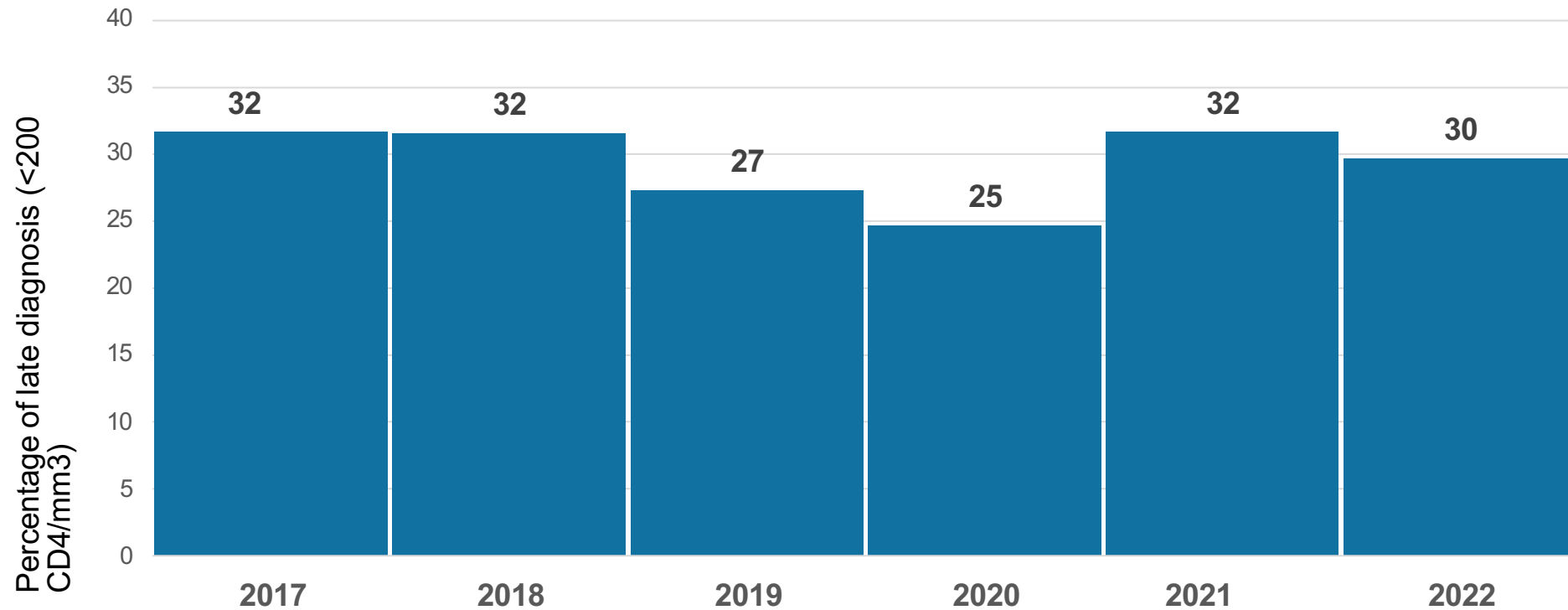


HIV testing and treatment cascade, by age and sex, Latin America, 2022



Late diagnosis of HIV (%) in Latin America and the Caribbean

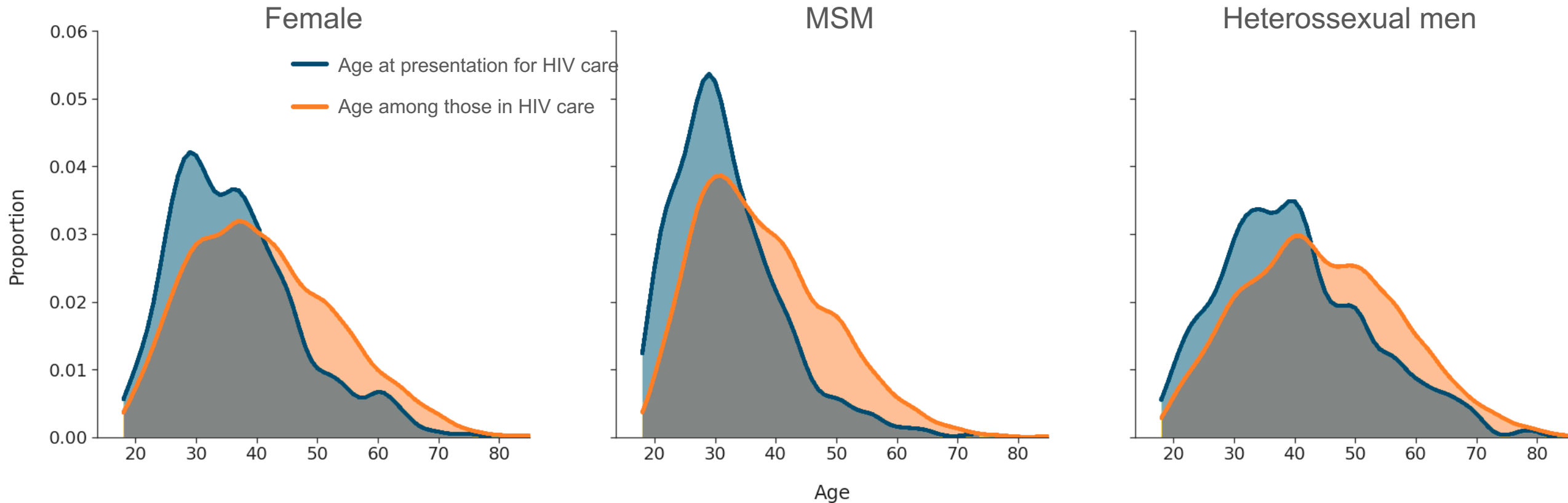
People with late diagnosis in Latin America and the Caribbean, 2017-2022



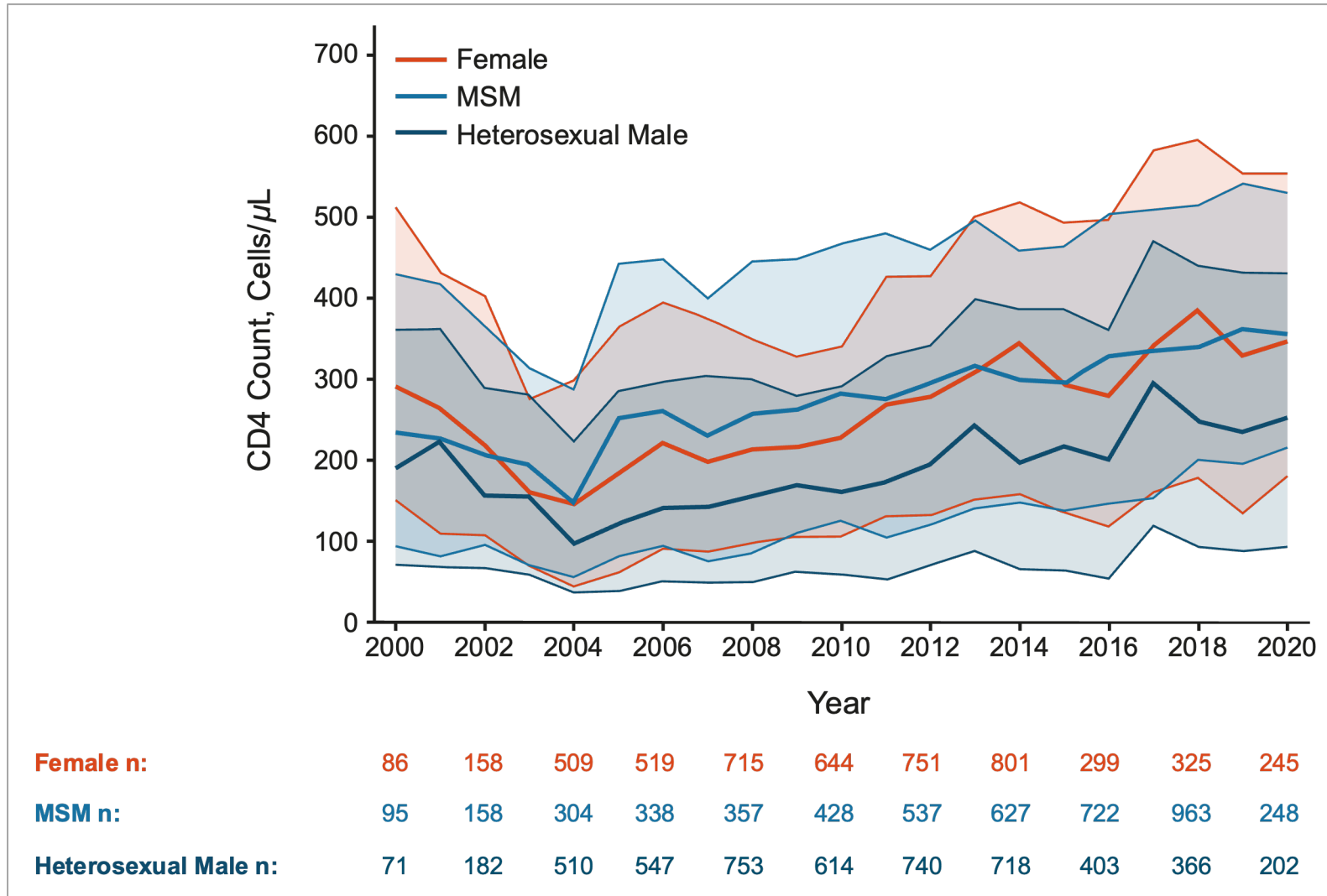
Note: Late diagnosis: basal CD4 <200 cells/mm³. Median value of 19 countries. The improvements correspond to 6 countries.

Age at presentation for HIV care and among all of those in HIV care

2020



CD4 at presentation for HIV care



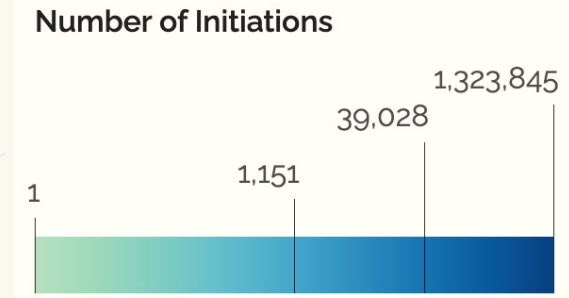
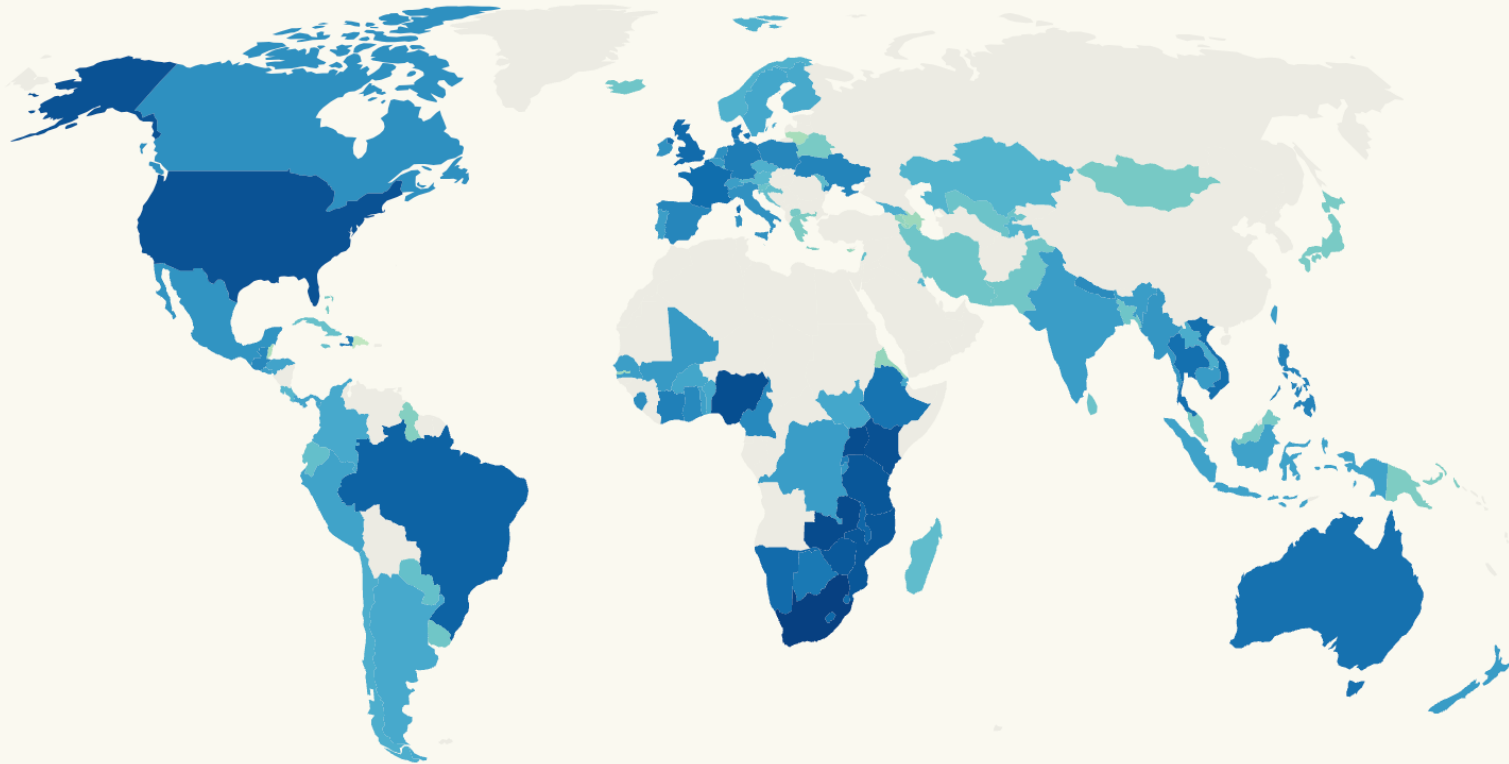
PREP IN LATIN AMERICA

Monitoring of oral PrEP access

Cumulative Number of PrEP Initiations

METHODS AND SOURCES

Q1 2024
6,725,116 initiations



101,964

6,725,116

2017

2018

2019

2020

2021

2022

2023

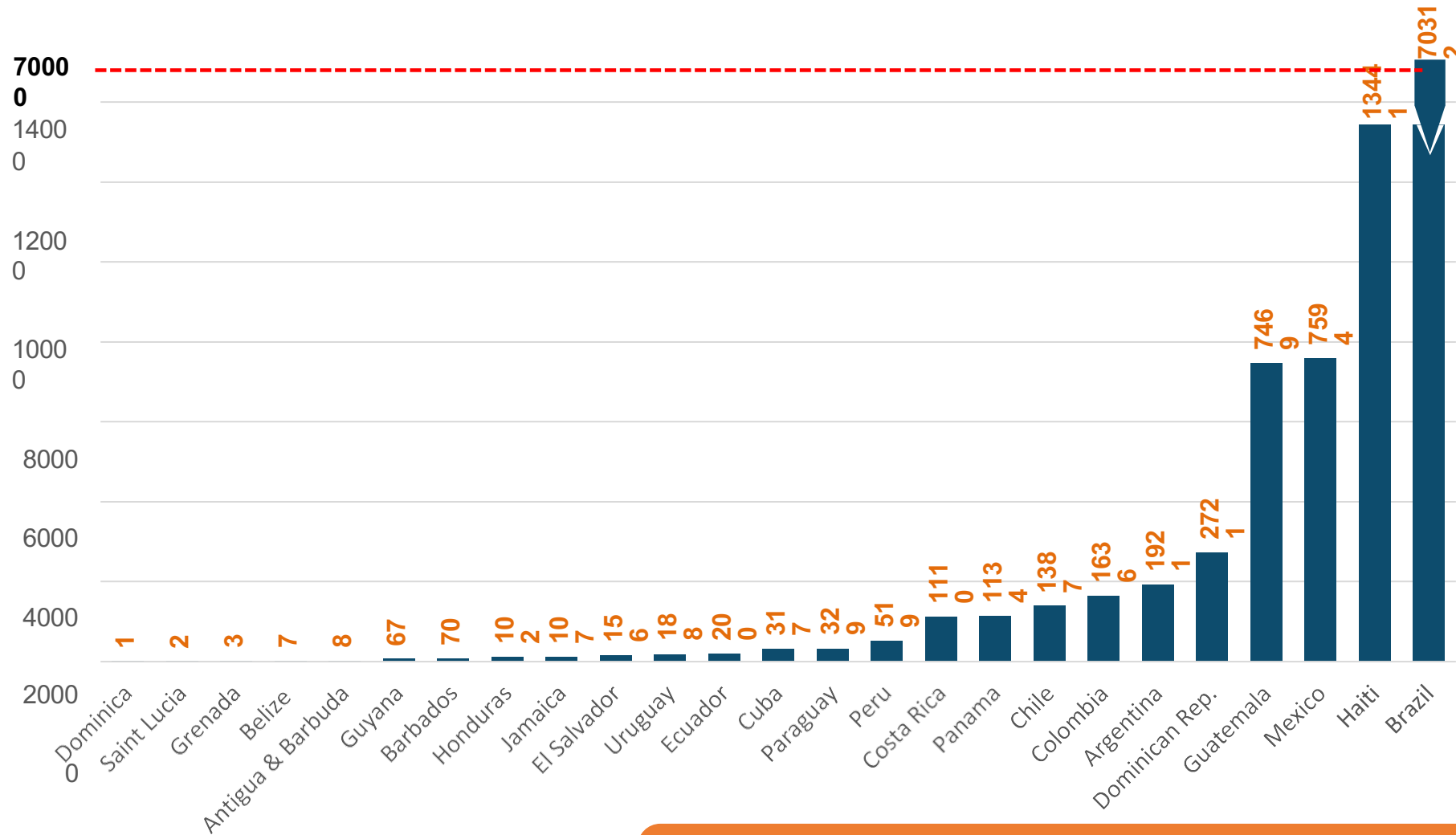
Q1 2024

Implementation of PrEP policies



Source: PAHO, 2023. Information reported by countries to the GAM and direct communication with countries.

People on PrEP in Latin America and the Caribbean, 2022



Person on PrEP in LAC		
2020	2021	2022
34,576	57,902	110,801

In 2022,
25 countries have PrEP users. Of
the 110,801 people on PrEP:

- **97,095** in Latin America
- **13,706** in the Caribbean

Despite improvements, there is still no coverage for even 5% of people who need it

Source: PAHO, 2023. Information reported by countries to the GAM and direct communication with countries.

Preparedness for the rollout of effective HIV prevention among key affected populations in Brazil, Peru and Mexico



- Multi-site prospective, open-label demonstration study
- 3 countries
- 30 sites
- 9,509 MSM/TGW
(BR 3,928 / MEX 3,288 / PER 2,293)

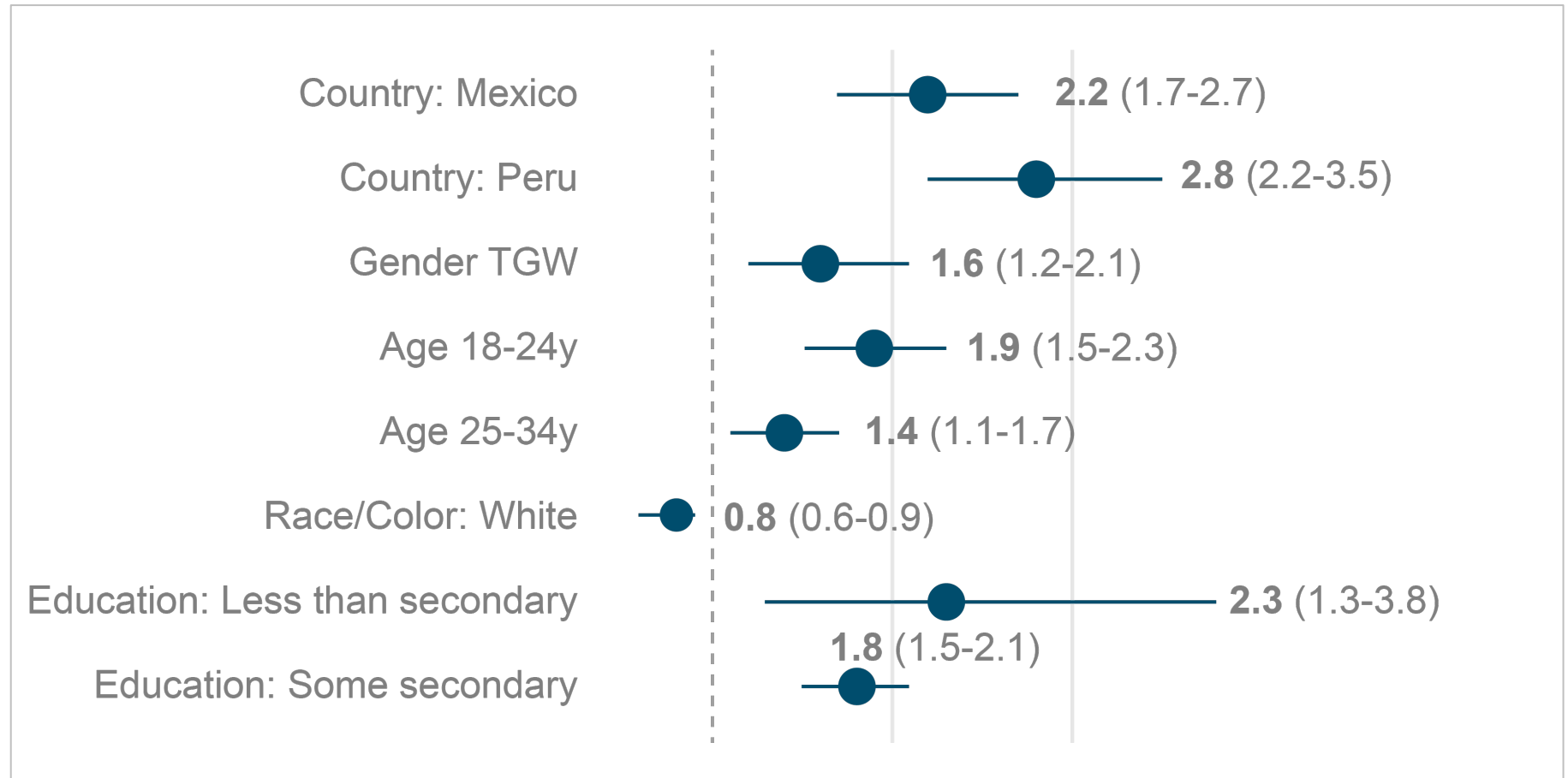


Early loss of follow-up

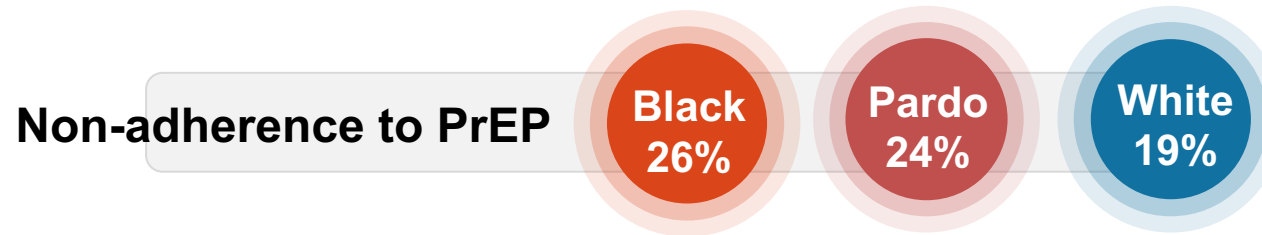
Factors associated with early loss of follow-up

8.4%

participants did not
show up after
enrollment



Racial disparities in HIV incidence among ImPrEP participants from Brazil

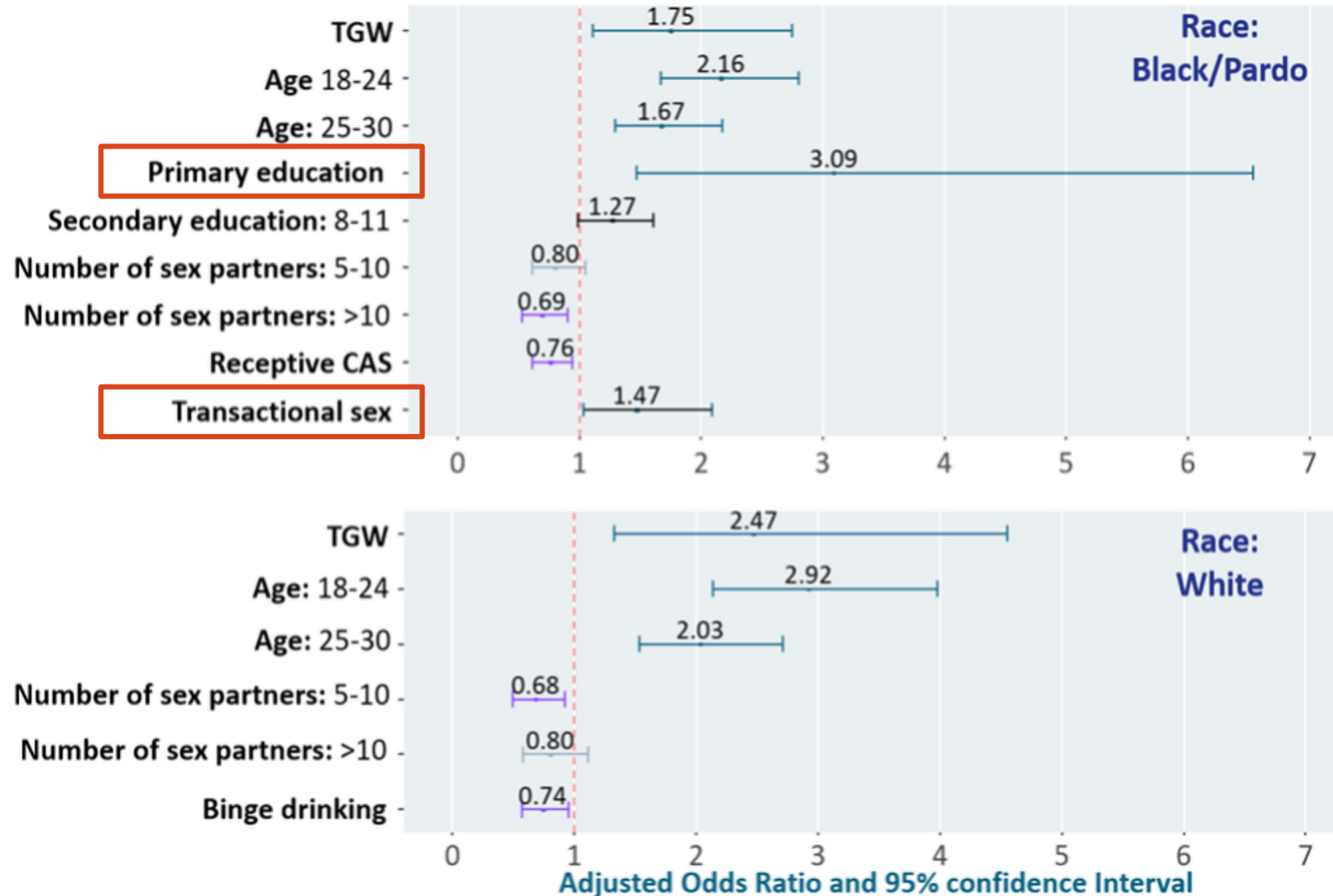


	Overall		Non-adherence to PrEP MPR<0.6	
	HIV infections	Incidence rate* *	HIV infections	Incidence rate* *
Overall	24	0,36 (0,24-0,54)	7	1,40 (0,67-2,93)
Race				
White	9	0,28 (0,15-0,55)	2	1,00 (0,25-4,01)
Mixed (Pardo)	10	0,43 (0,23-0,80)	3	1,49 (0,48-4,62)
Black	4	0,40 (0,15-1,06)	2	2,16 (0,54-8,63)
Indigenous	0	0,0 (0,0-14,76)	0	0,00 (0,00-2676,06)
Asian	1	1,42 (0,20-10,11)	0	0,00 (0,00-42,10)

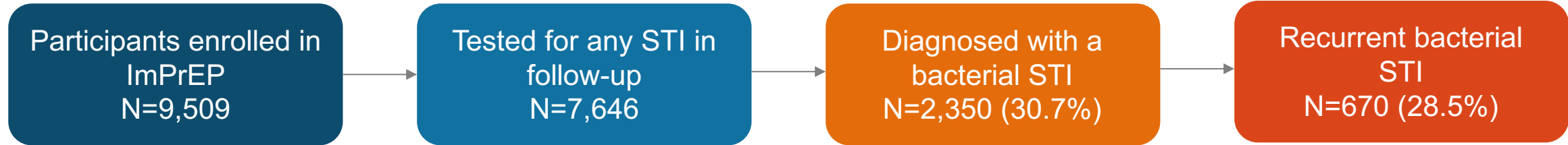
*por 100 pessoas-ano (95%IC)

Racial disparities among ImPrEP participants from Brazil

Factors associated with non adherence to PrEP



HIV prevention and care among MSM & TGW



BRA 3,478
MEX 2,543
PER 1,625

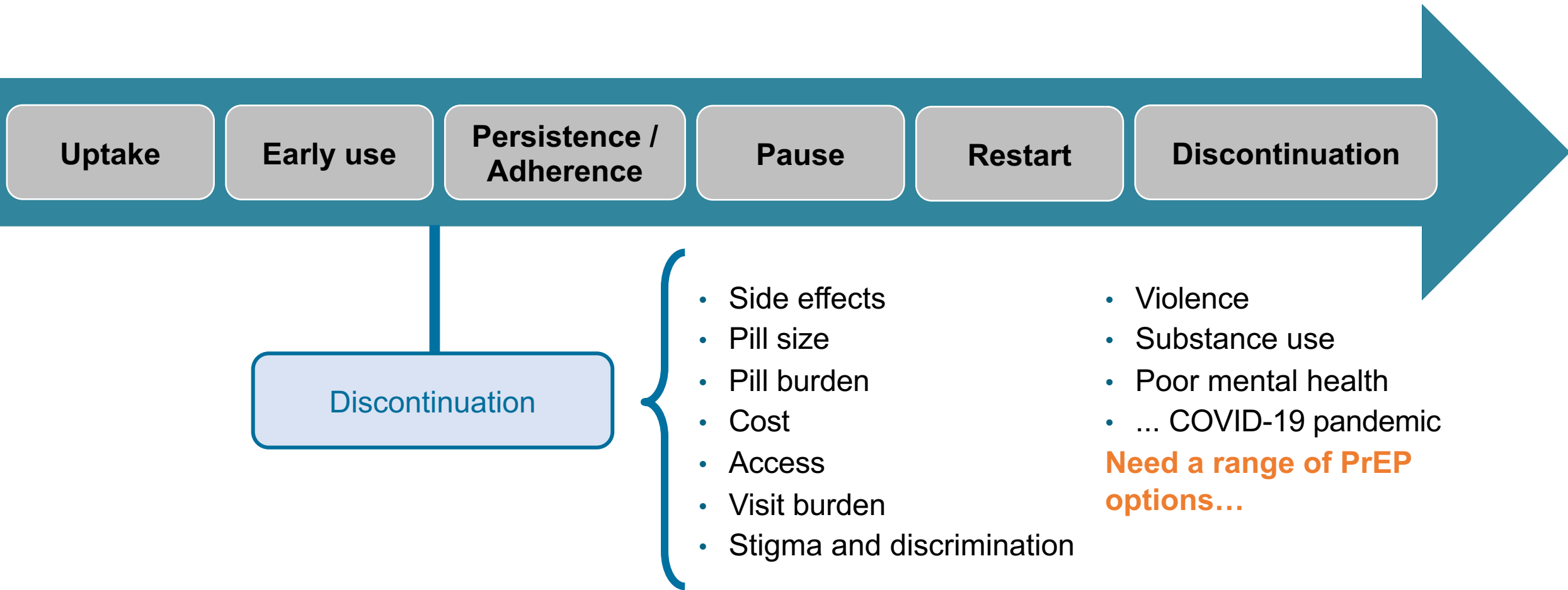
Behavioral characteristics of ImPrEP participants diagnosed with a bacterial STI at inclusion and during follow-up

	Enrollment	Visit of 1st STI diagnosis
N. sex partners ¹		
Median (IQR)	8 (3,20)	5 (2,12)
0-1	255 (10.9%)	362 (15.4%)
2-3	367 (15.6%)	485 (20.6%)
>3	1,728 (73.5%)	1,503 (64%)
Condomless receptive anal sex ²	1,731 (73.7%)	1,140 (48.5%)
Stimulants use ¹	503 (21.4%)	400 (17%)
Poppers use ¹	566 (24.1%)	430 (18.3%)
Binge drinking ¹	1,555 (66.2%)	1,276 (54.4%)

¹ In last 3m, ² In last 6 m at enrollment visit and 3 m in the visit of 1st STI diagnosis

Current challenges of oral PrEP

PrEP journey



HIV prevention and care among MSM & TGW

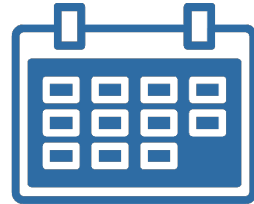
Latin-American MSM prefer long acting PrEP

2021



75%

Injectable



60%

Monthly oral PrEP



38%

On demand PrEP



33%

PrEP patch



30%

Monoclonal Ab
infusion



28%

PrEP implant

**HOWEVER, INJECTABLE
ANTIRETROVIRALS
ARE SCARCE IN
LATIN AMERICA...**

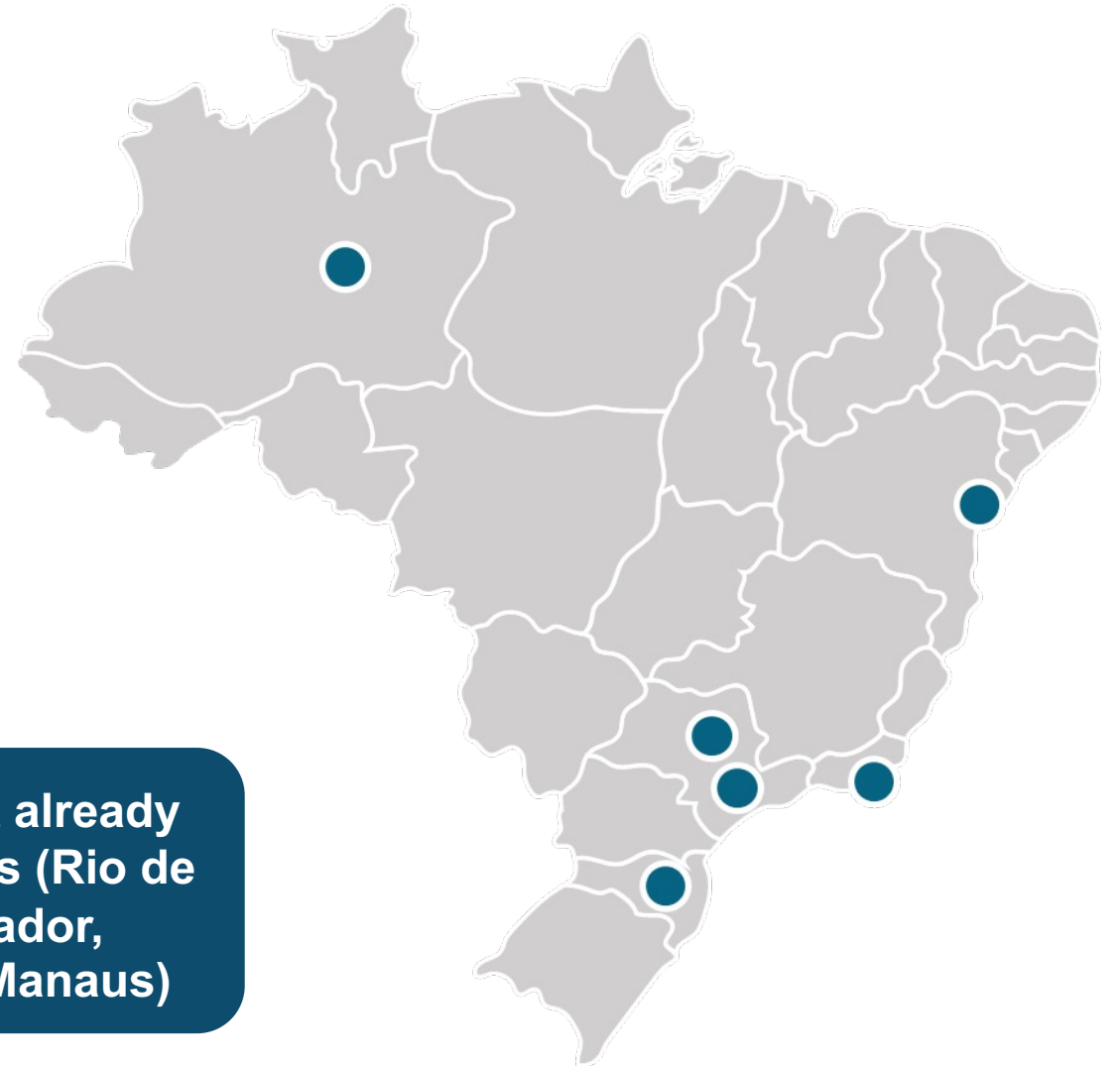
HIV prevention and care among MSM & TGW

ImPrEP CAB - Brasil

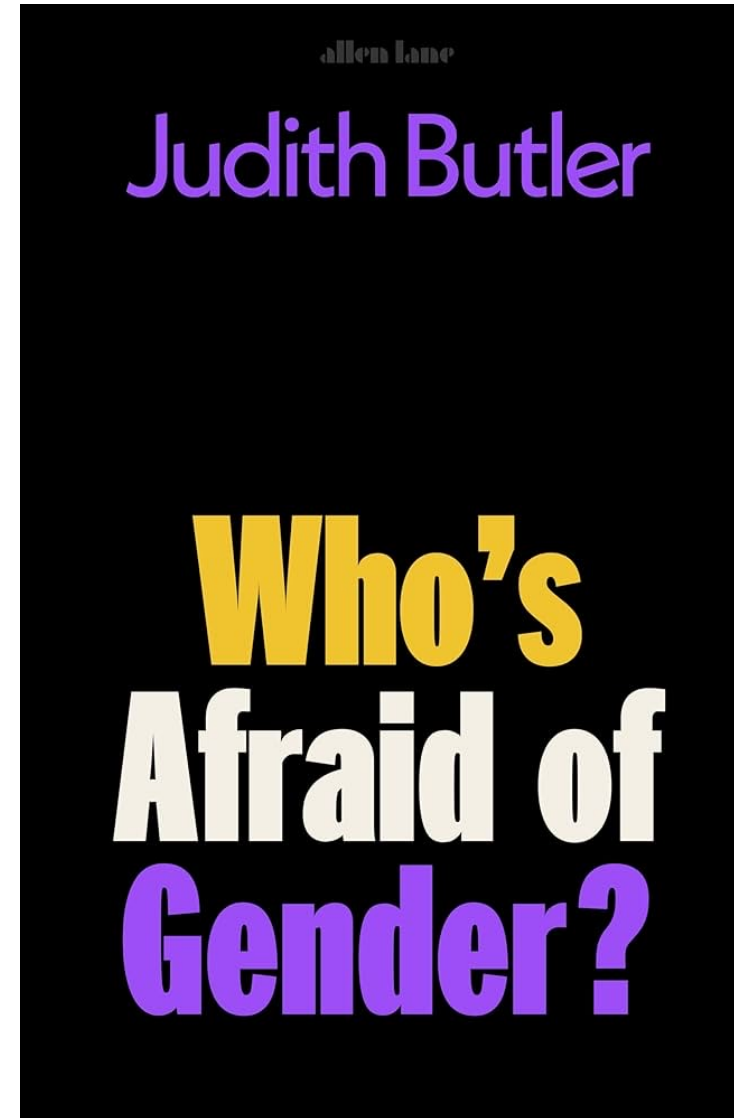


Implementation study to evaluate CAB-LA as PrEP among MSM, TGW and non-binary persons in Brazil

6 public health services that already offer PrEP in 6 Brazilian cities (Rio de Janeiro, São Paulo, Salvador, Campinas, Florianópolis e Manaus)



Stigma, LGBTQIAPN+phobia and discrimination



Stigma, LGBTQIAPN+phobia and discrimination

Protests in Peru after new insurance law deems transgender people mentally ill

Sexual diversity activists protest in Peru's capital in front of Health Ministry to demand that government repeal decree



Social injustice

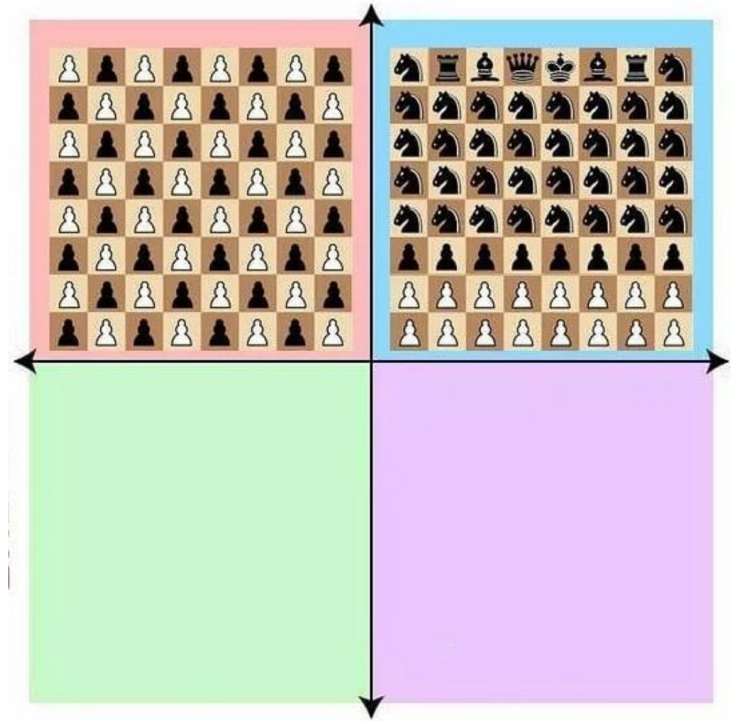


Reflections on the way forward...

Universal health systems



Community action!



Acknowledgements

- Beatriz Grinsztejn;
- Valdilea Veloso;
- Thiago Torres;
- Emilia Jalil;
- Sandra Wagner;
- Marcelo Alves;
- **The whole INI-Fiocruz team!**

Gratidão!



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