

**PAHO**



# HIV epidemic and response in Latin America and the Caribbean

October 2022



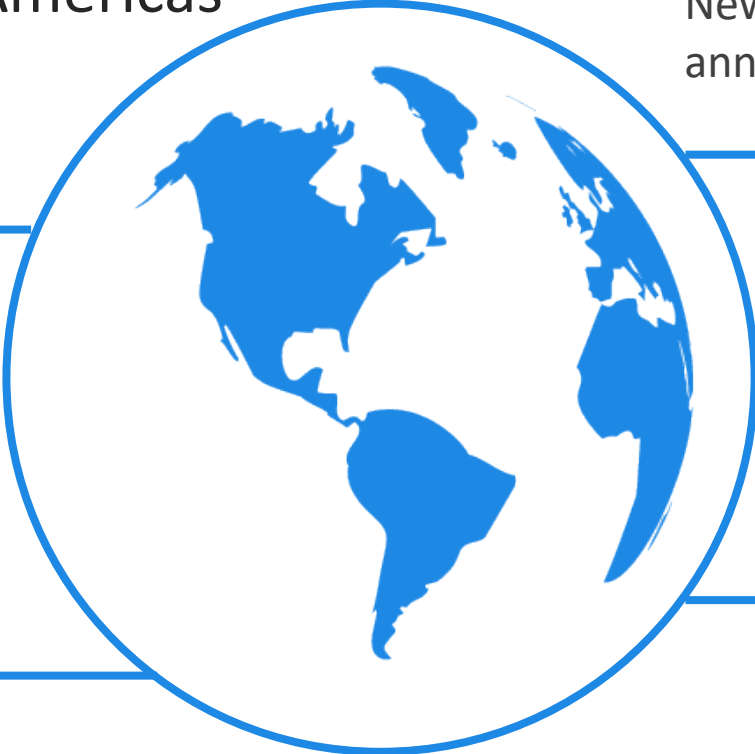
# Summary of HIV epidemic in the Americas, 2021

WHO Region of the Americas

**3.8 million**

People living with HIV

Of these, **2.5 million** live in Latin America and the Caribbean



**-3.6**  
New infections annually, relative to 2010



**-35%**  
Deaths annually relative to 2010



Source: UNAIDS/WHO estimates, 2022

# New HIV infections and AIDS-related deaths 2010-2021

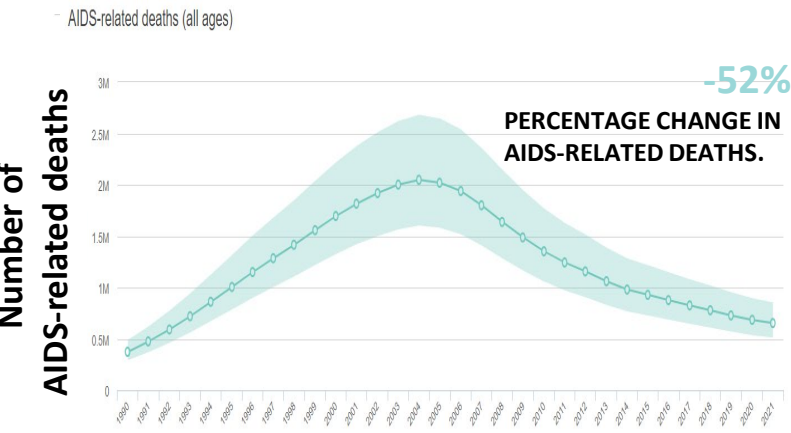
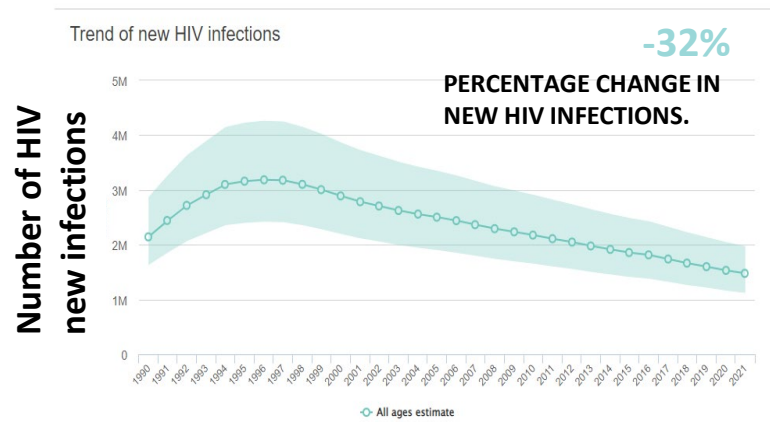
New HIV Infections			
Region	Baseline 2010	2021	Percent difference with baseline (2021-2010)
Caribbean	19 000	14 000	-28.0%
Latin America	100 000	110 000	+4.7%
Latin America and the Caribbean	120 000	120 000	-0.3%
Region of the Americas	160 000	160 000	-3.6%
Global	2 200 000	1 500 000	-32.2%

AIDS Deaths			
Region	Baseline 2010	2021	Percent difference with baseline (2021-2010)
Caribbean	12 000	5 700	-50.3%
Latin America	40 000	29 000	-27.6%
Latin America and the Caribbean	52 000	35 000	-32.7%
Region of the Americas	65 000	43 000	-34.5%
Global	1 400 000	650 000	-51.7%

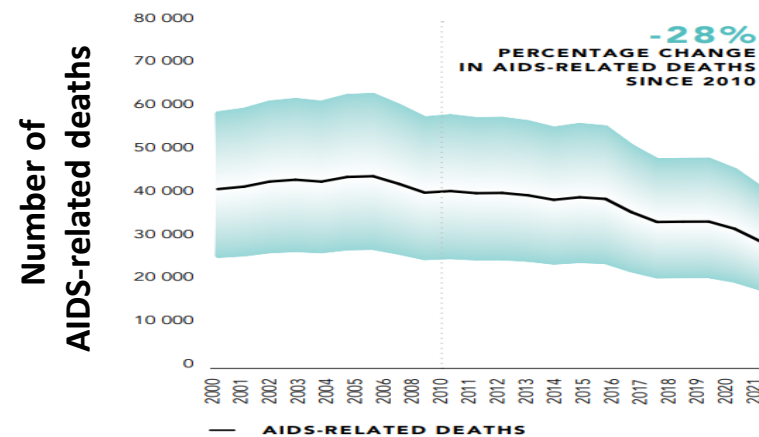
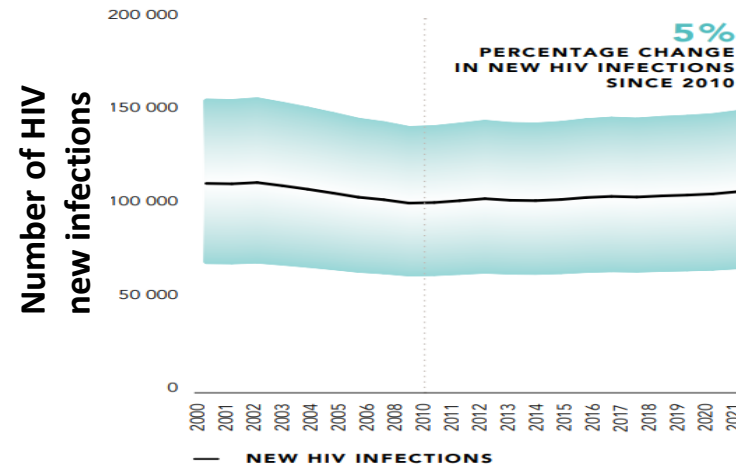
Source: UNAIDS/WHO Spectrum HIV estimates, 2022. **Note:** Values correspond to point estimates that have associated uncertainty intervals.

# Progress towards AIDS elimination by 2030 at global level, Latin America and the Caribbean, 2021

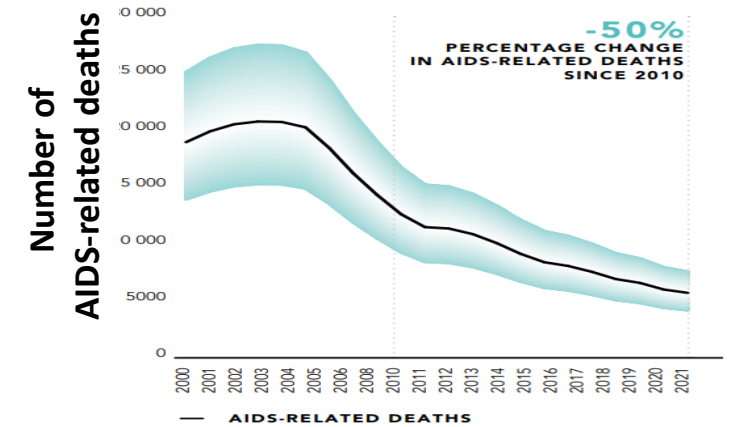
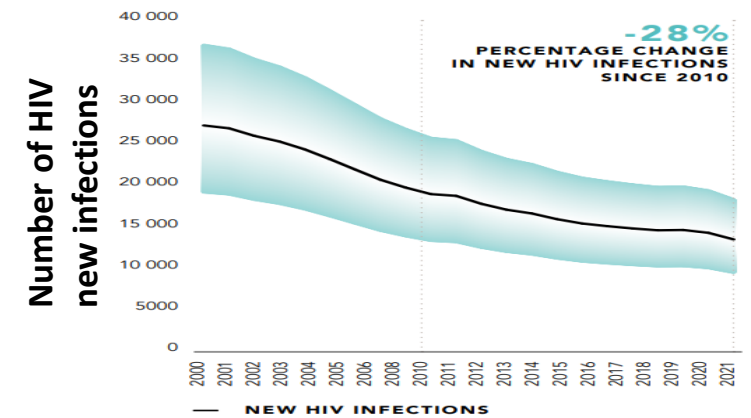
## Global



## Latin America

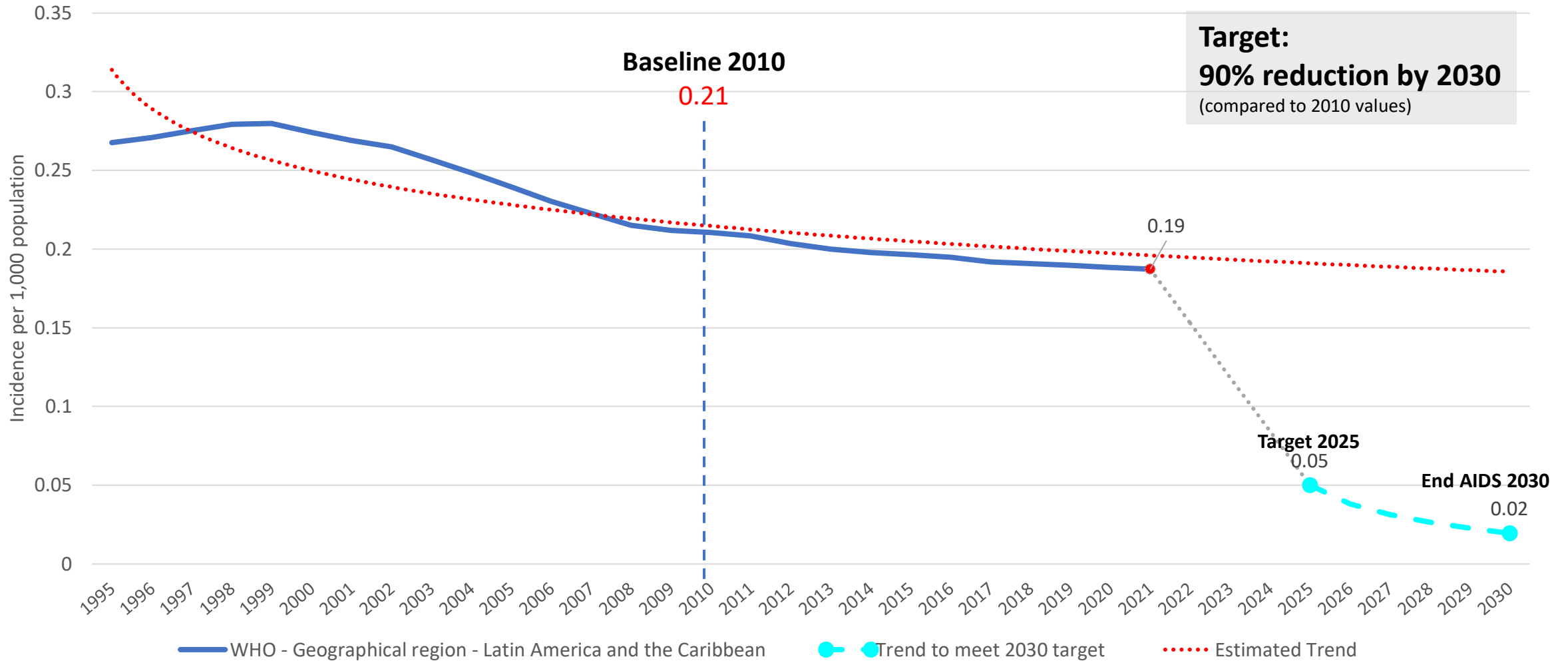


## The Caribbean



Source: UNAIDS/WHO estimates, 2022

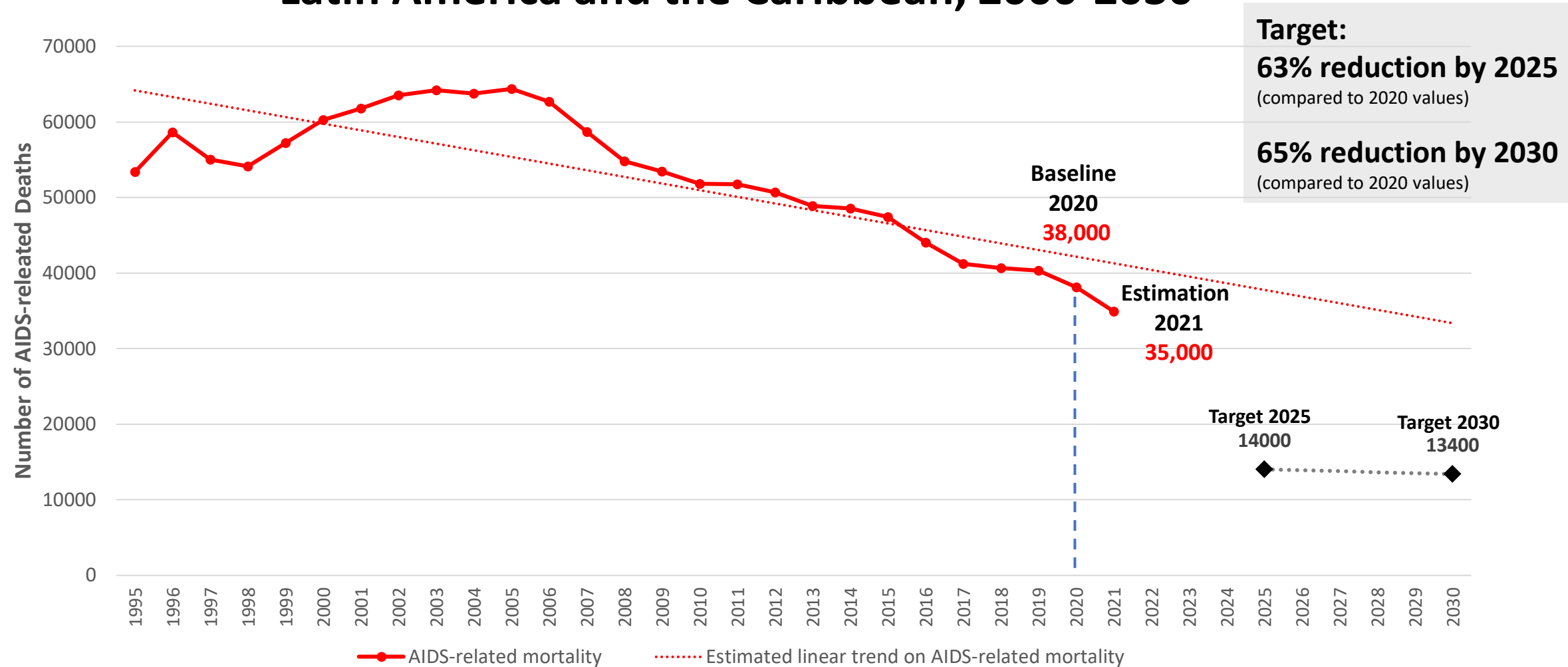
# HIV incidence per 1000 population, 2030 forecast and targets for Ending AIDS, in Latin America and the Caribbean, 1995-2030



Source: PAHO, 2022. Developed from UNAIDS Spectrum HIV estimates 2022.

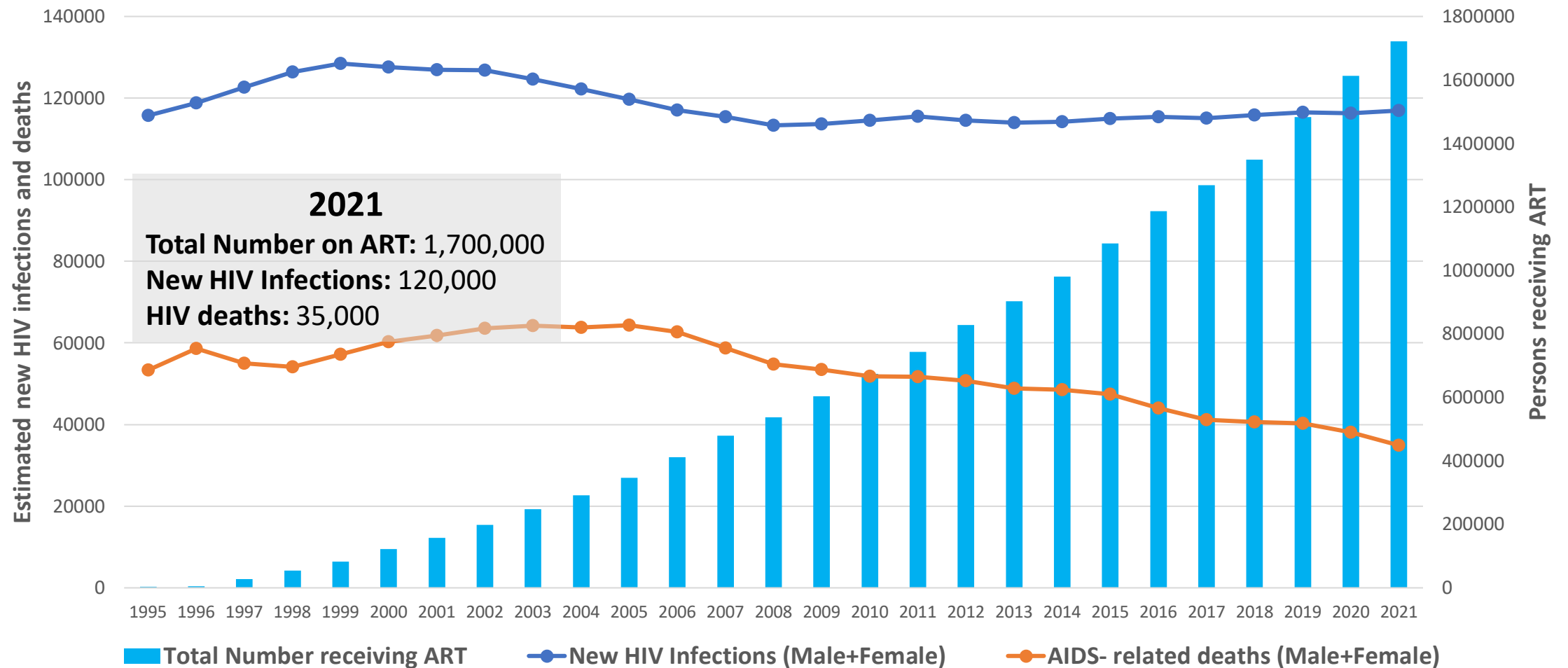


# AIDS mortality estimates, 2030 forecast, and targets for Ending AIDS in Latin America and the Caribbean, 2000-2030



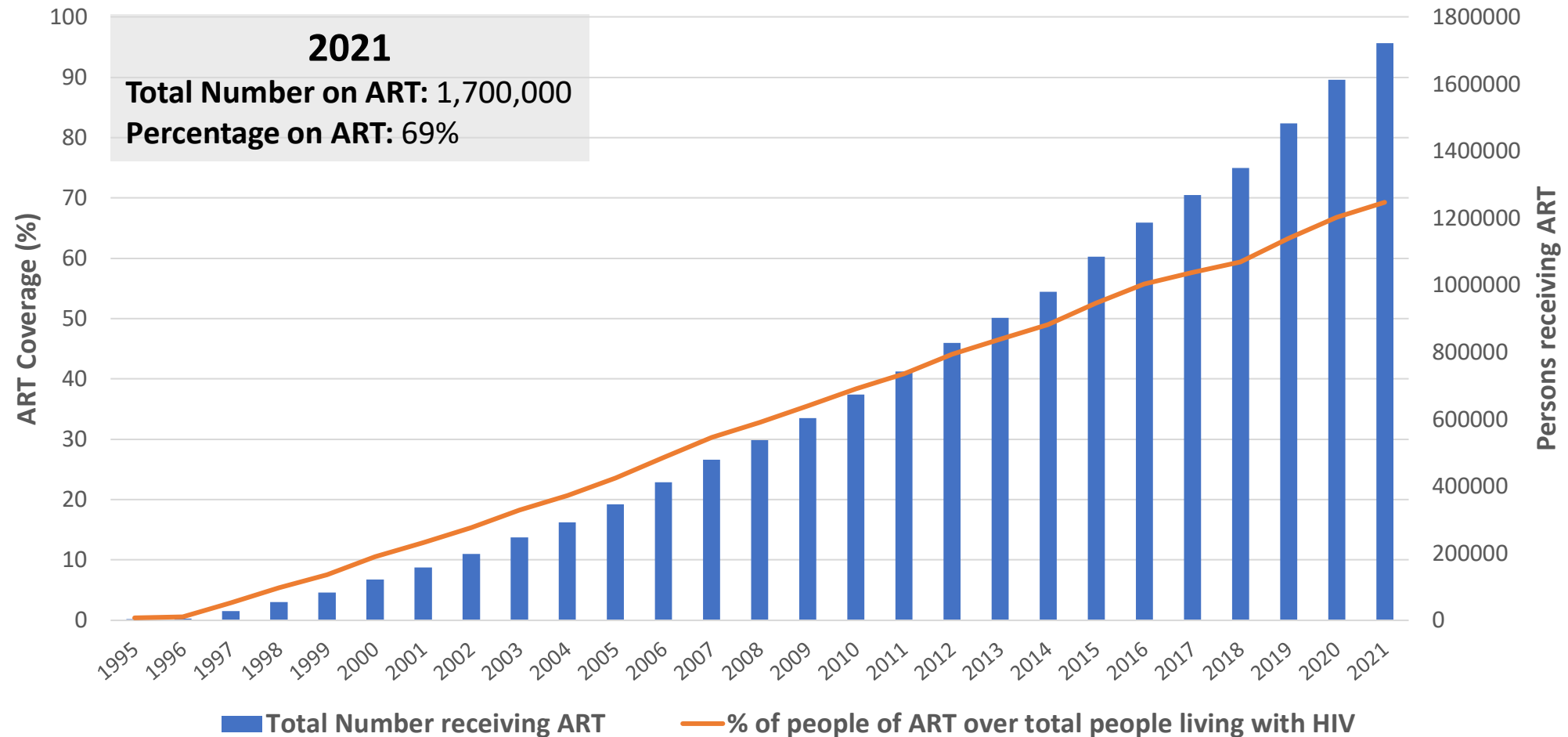
Source: PAHO, 2022. Developed from UNAIDS Spectrum HIV estimates 2022. **Note:** Provisional regional targets proportionally to global targets

# New HIV infections, deaths and persons living with HIV receiving ART in Latin America and the Caribbean, 1995-2021



Source: PAHO, 2022. Based on the following data: UNAIDS. Spectrum HIV estimates 2020 and WHO/UNAIDS. GARPR and GAM country reports 2000-2021.

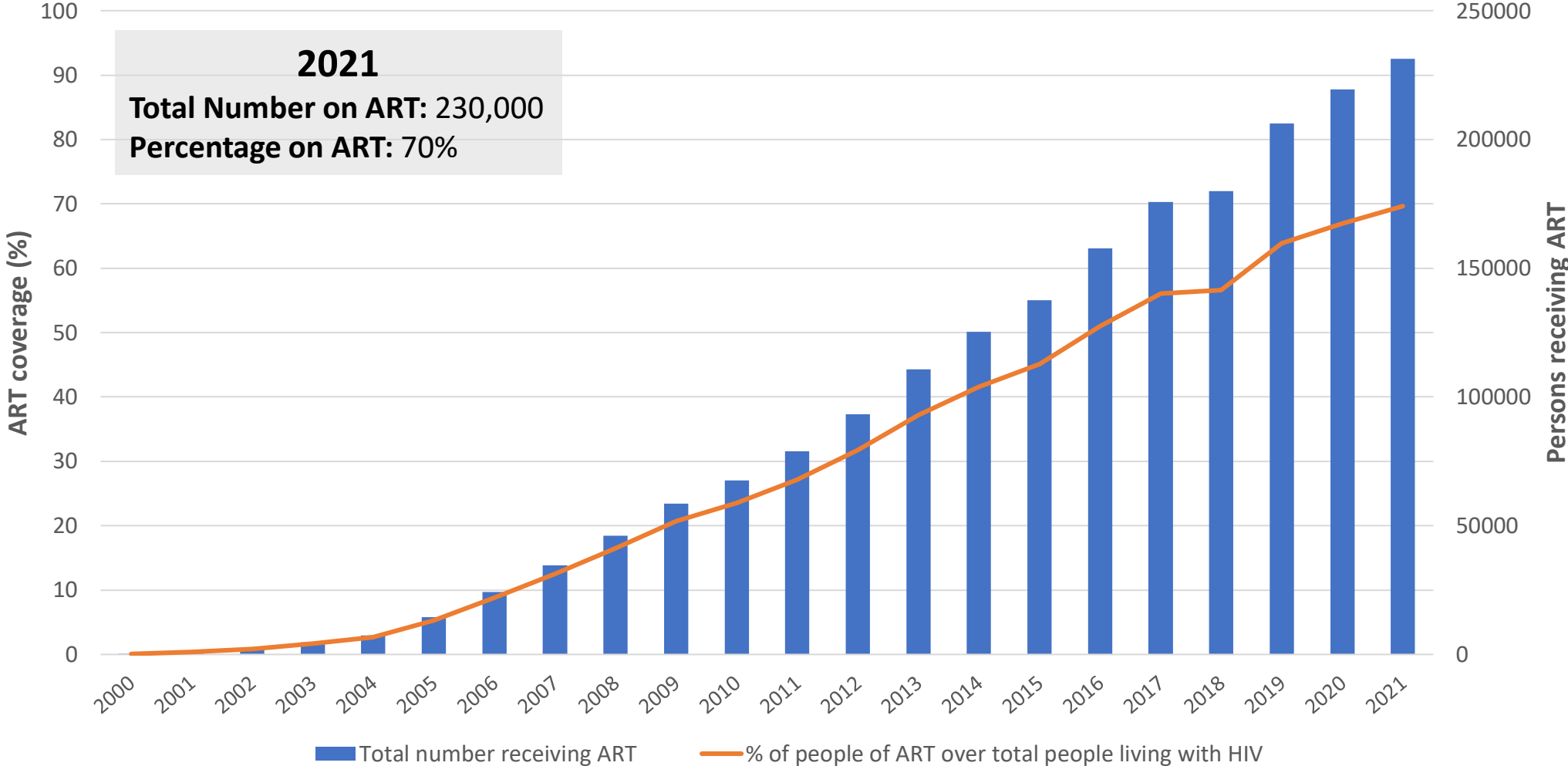
# Antiretroviral treatment coverage in Latin America and the Caribbean, 1995-2021



Source: PAHO, 2022. Based on the following data: UNAIDS. Spectrum HIV estimates 2020 and WHO/UNAIDS. GARPR and GAM country reports 2000-2021.

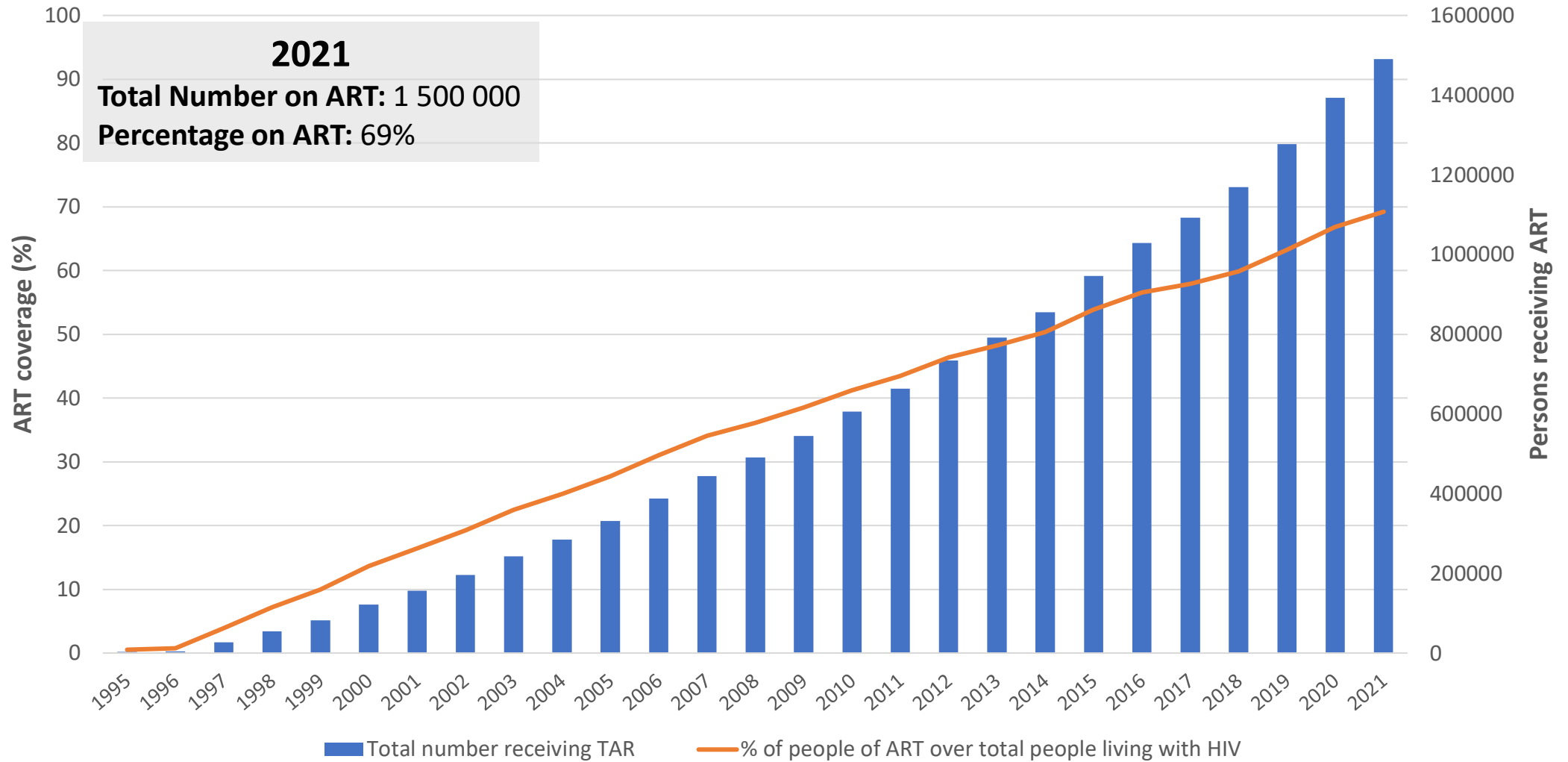


# Antiretroviral treatment coverage in the Caribbean, 2000-2021



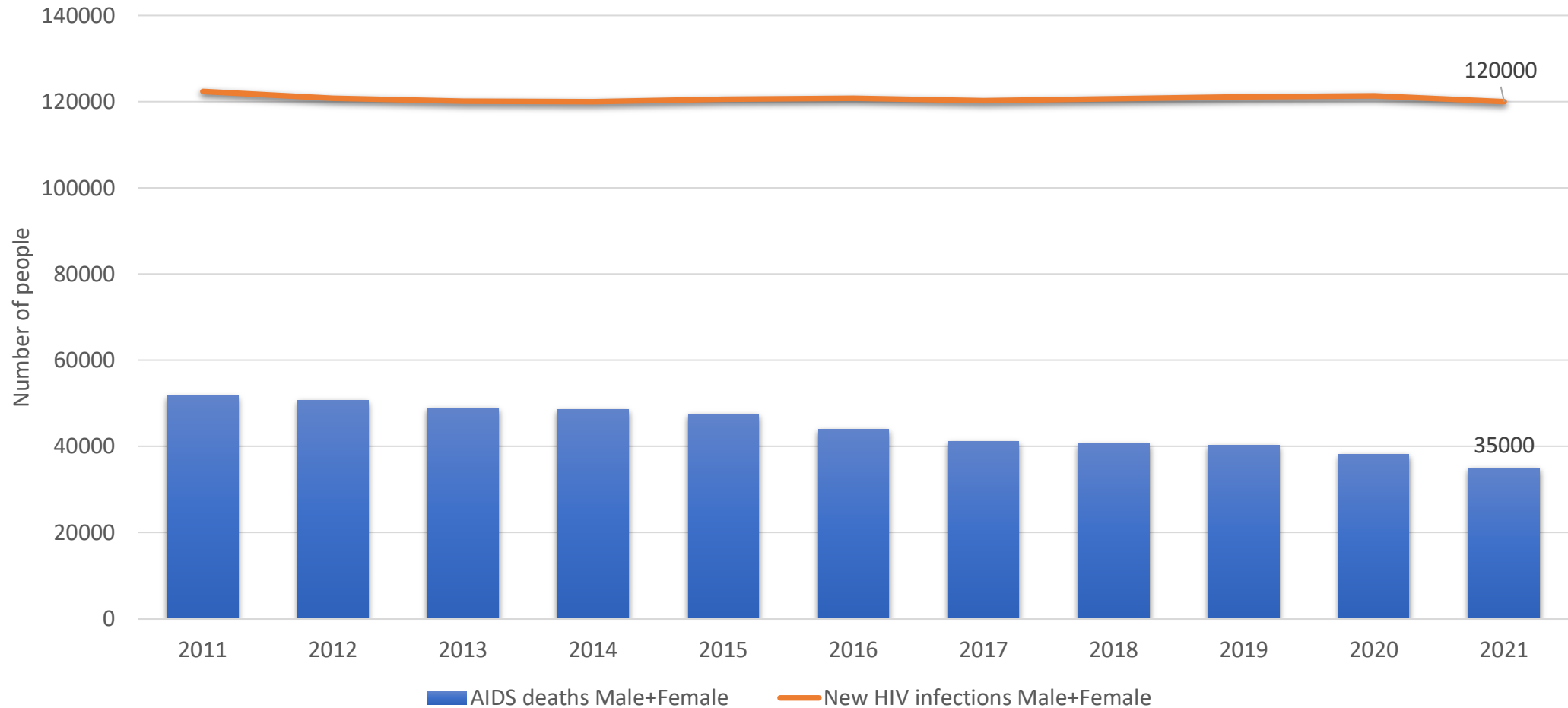
Source: PAHO, 2022. Based on the following data: UNAIDS. Spectrum HIV estimates 2022 and WHO/UNAIDS. GARPR and GAM country reports 2000-2021.

# Antiretroviral treatment coverage in Latin America, 1995-2021



Source: PAHO, 2022. Based on the following data: UNAIDS. Spectrum HIV estimates 2022 and WHO/UNAIDS. GARPR and GAM country reports 1995-2021.

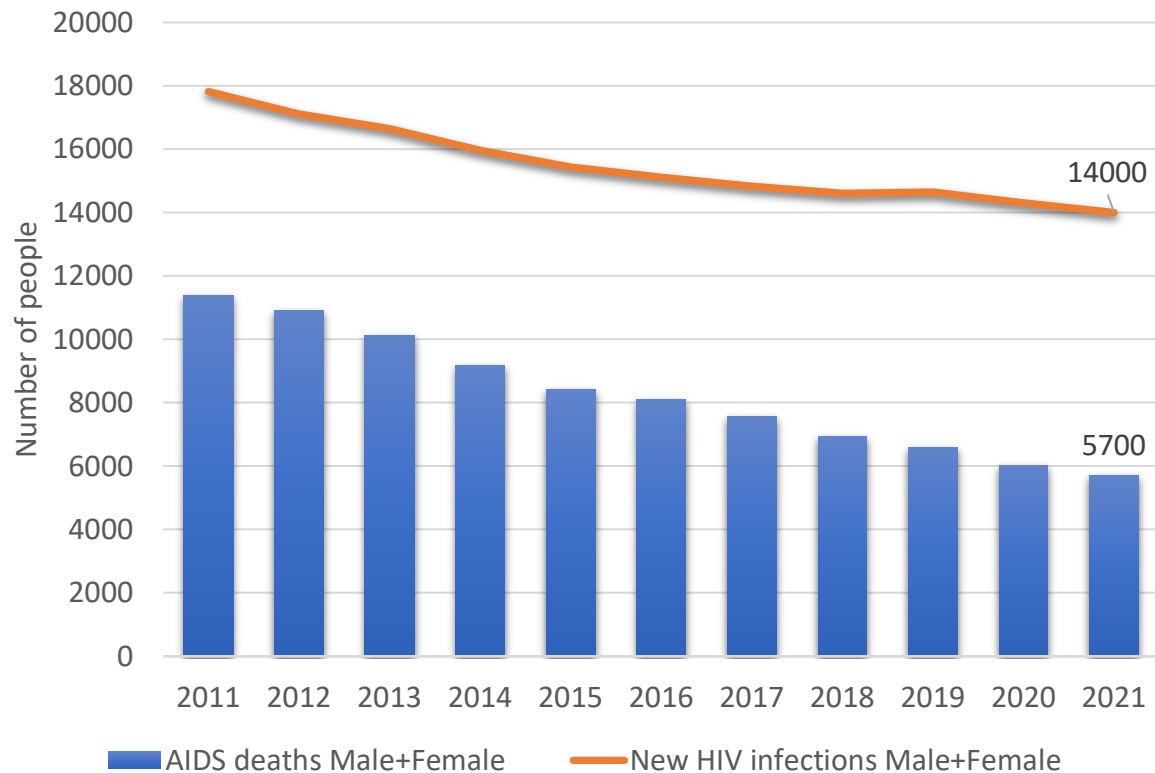
# Estimated new HIV infections and AIDS deaths in Latin America and the Caribbean, 2011-2021



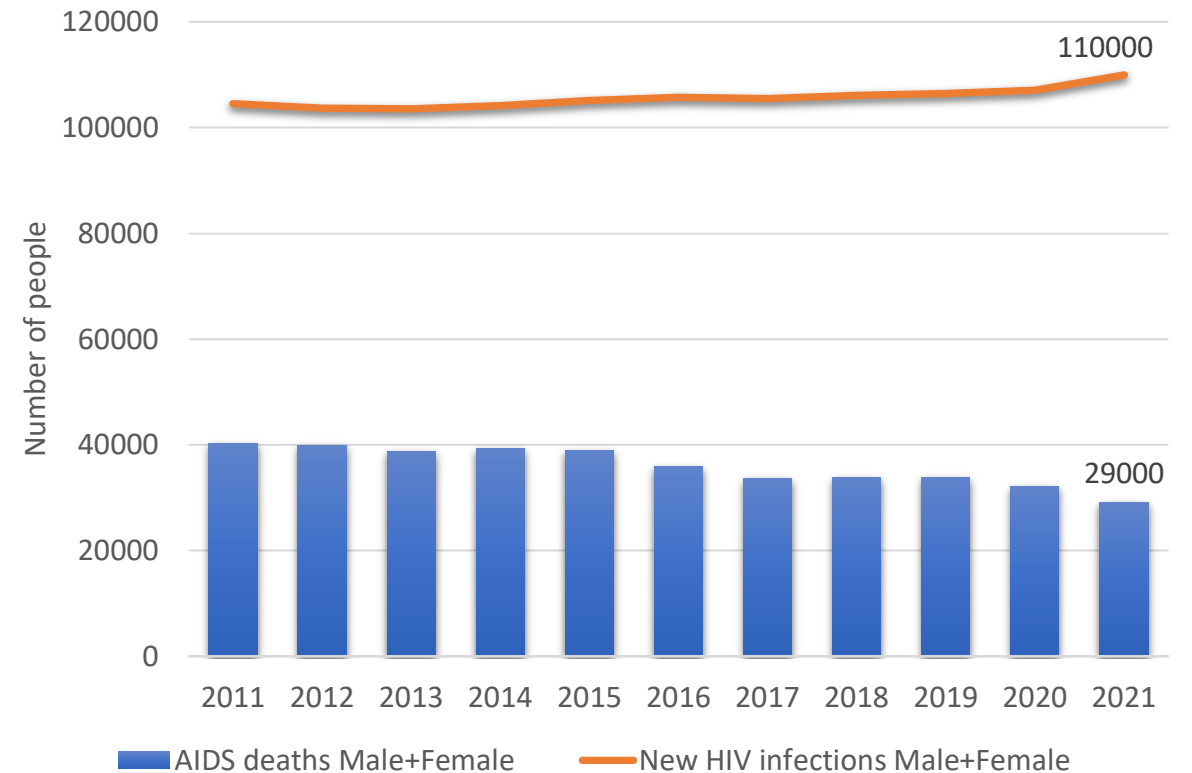
Source: PAHO 2022. Developed from data from UNAIDS/WHO Spectrum HIV estimates 2022. Global AIDS monitoring country responses, 2022.

# Estimated new HIV infections and AIDS deaths by subregion, 2011-2021

## The Caribbean



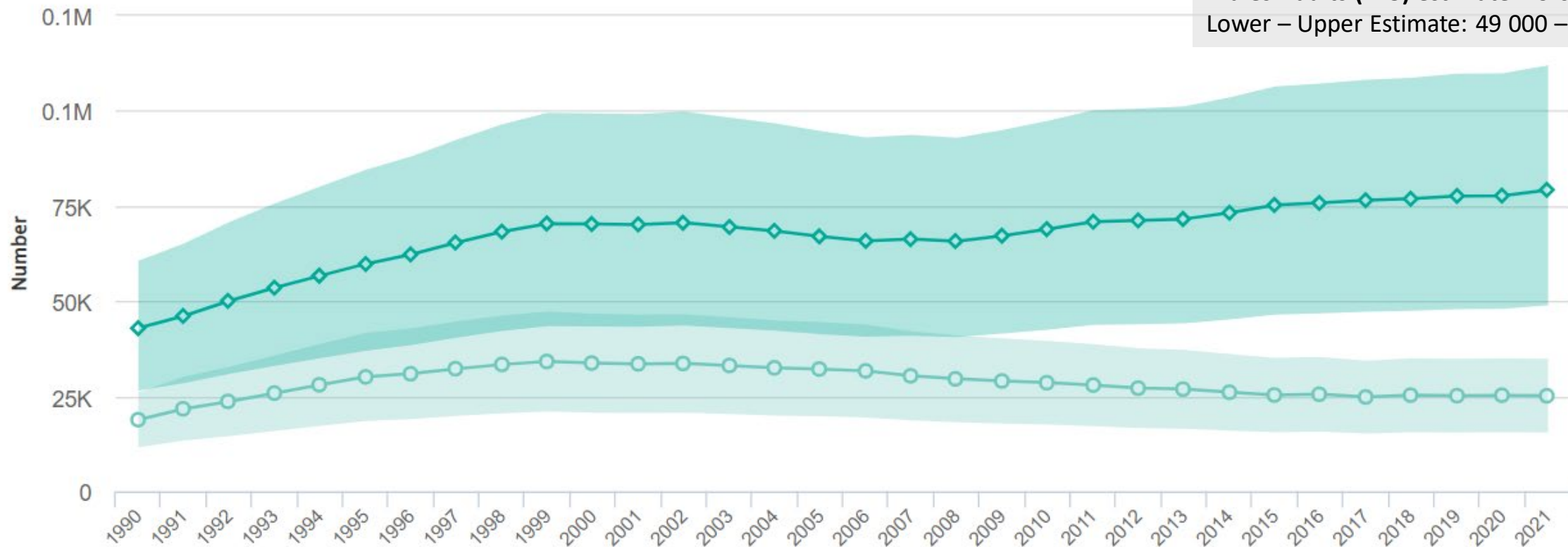
## Latin America



Source: PAHO 2022. Developed from data from UNAIDS/WHO Spectrum HIV estimates 2022. Global AIDS monitoring country responses, 2022.

# New HIV infections among adults in Latin America (15+) by sex

New HIV Infections among adults (15+) - by sex



**2021**  
**Females Adults (+15) estimate: 25 000**  
 Lower – Upper Estimate: 15 000 – 35 000  
**Males Adults (+15) estimate: 79 000**  
 Lower – Upper Estimate: 49 000 – 110 000

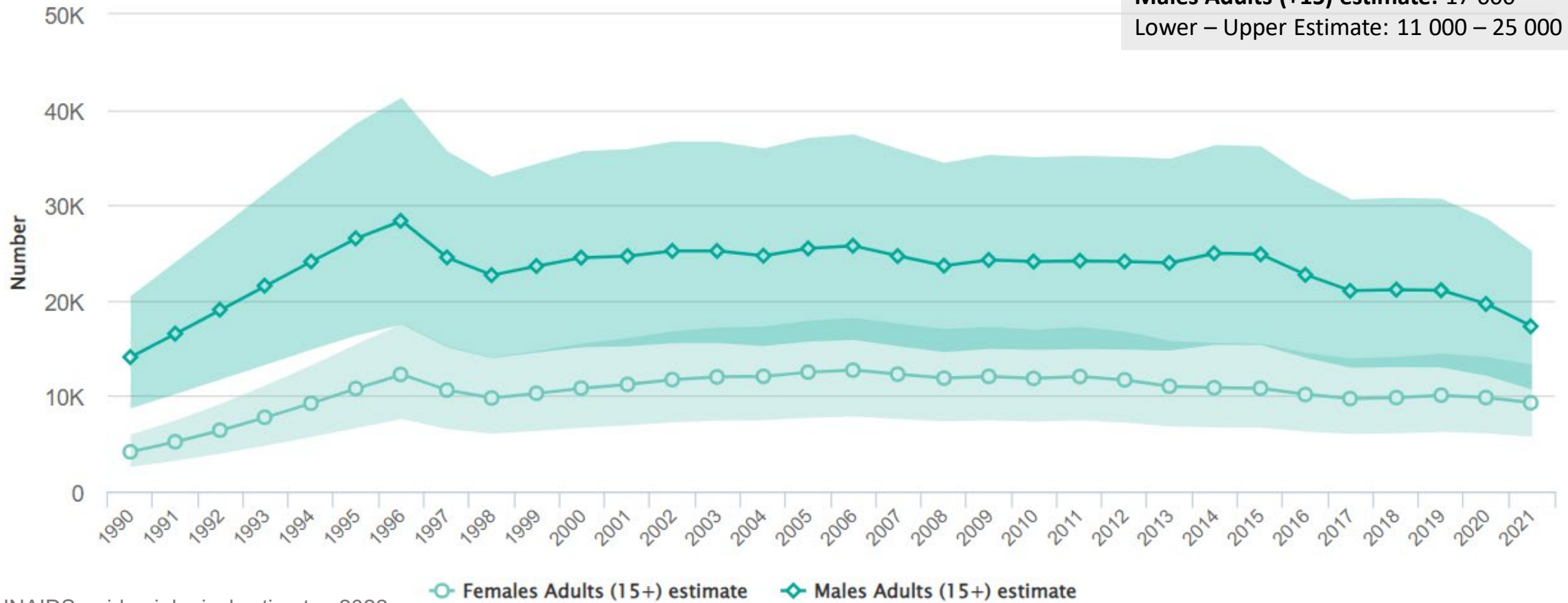
○ Females Adults (15+) estimate    ◇ Males Adults (15+) estimate

Source: UNAIDS epidemiological estimates 2022.

# AIDS related deaths among adults in Latin America (15+) by sex

AIDS-related deaths among adults (15+) - by sex

**2021**  
**Females Adults (+15) estimate:** 9300  
 Lower – Upper Estimate: 5700 – 13 000  
**Males Adults (+15) estimate:** 17 000  
 Lower – Upper Estimate: 11 000 – 25 000



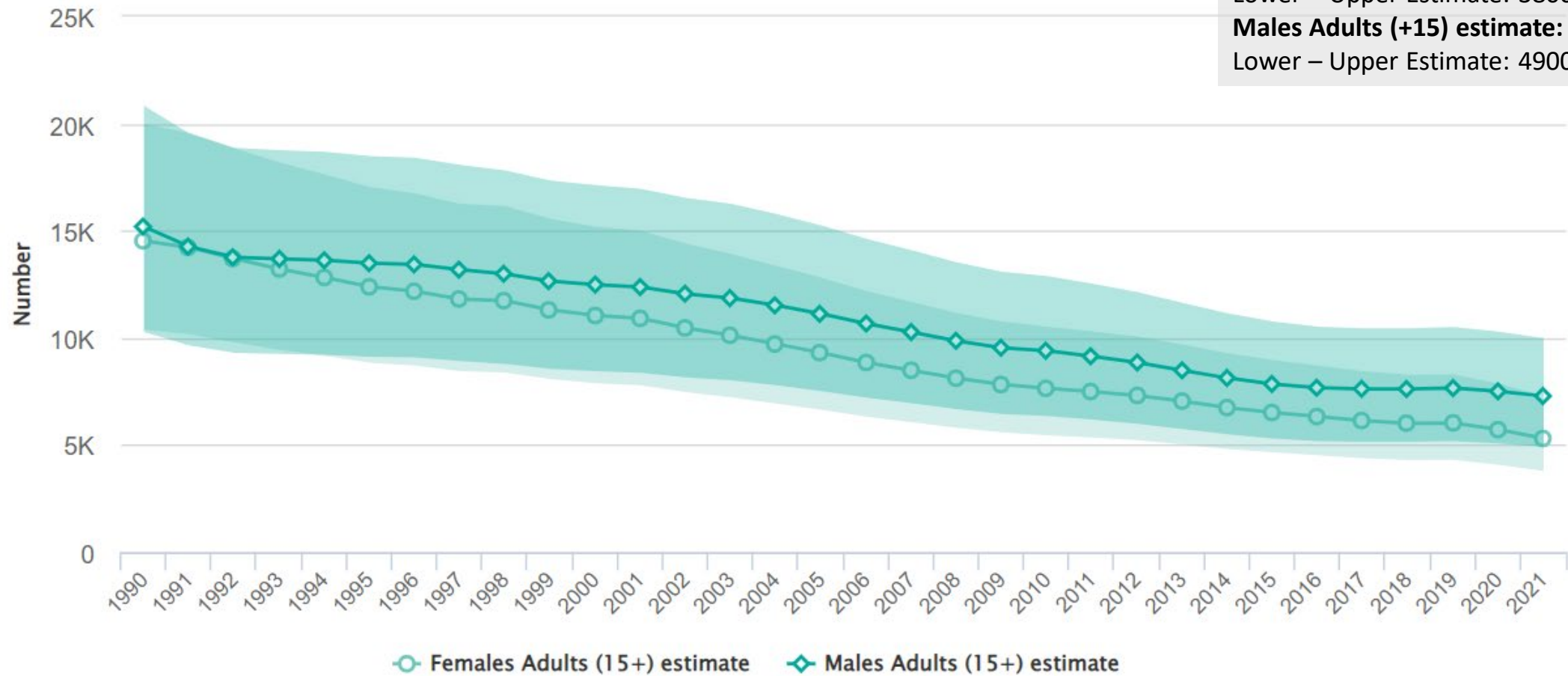
Source: UNAIDS epidemiological estimates 2022.



# New HIV infections among adults in The Caribbean (15+) by sex

New HIV Infections among adults (15+) - by sex

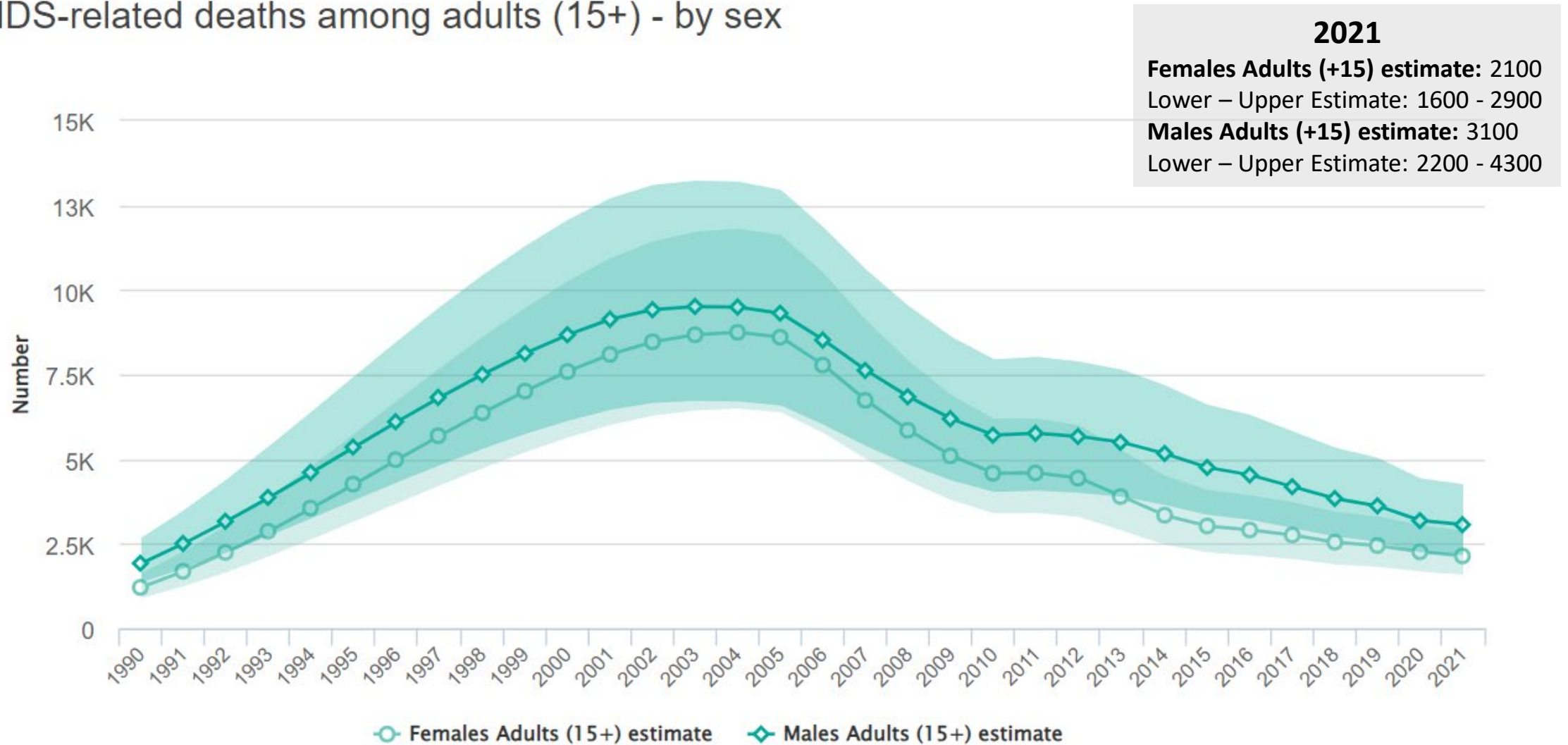
**2021**  
**Females Adults (+15) estimate:** 5300  
 Lower – Upper Estimate: 3800 – 7300  
**Males Adults (+15) estimate:** 7300  
 Lower – Upper Estimate: 4900 – 10 000



Source: UNAIDS epidemiological estimates 2022.

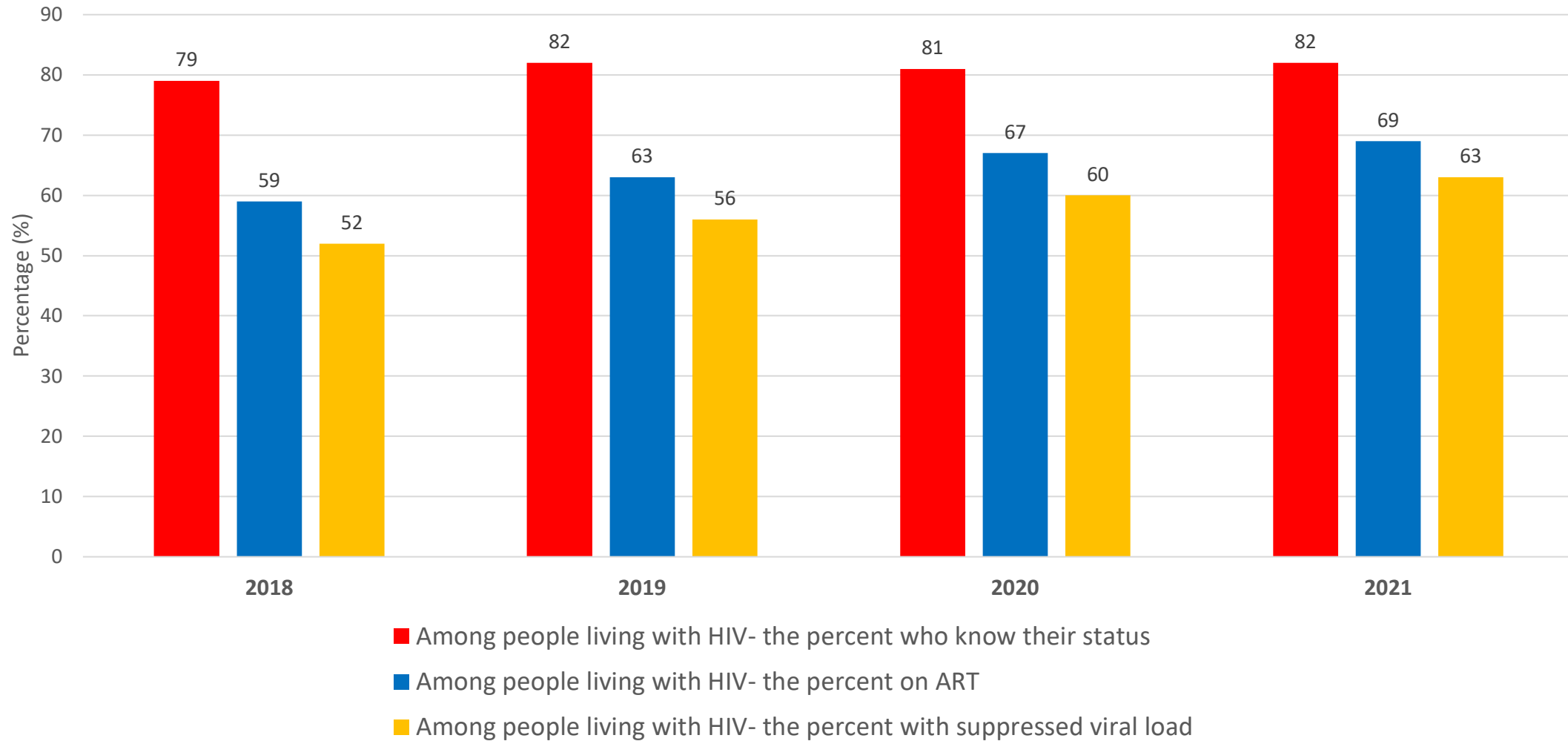
# AIDS related deaths among adults in The Caribbean (15+) by sex

AIDS-related deaths among adults (15+) - by sex



Source: UNAIDS epidemiological estimates 2022.

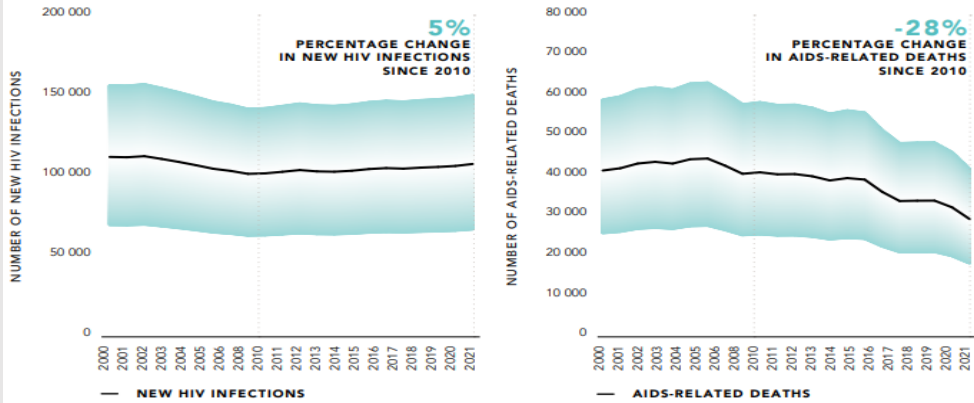
# HIV cascade of care in Latin America and the Caribbean, 2018-2021



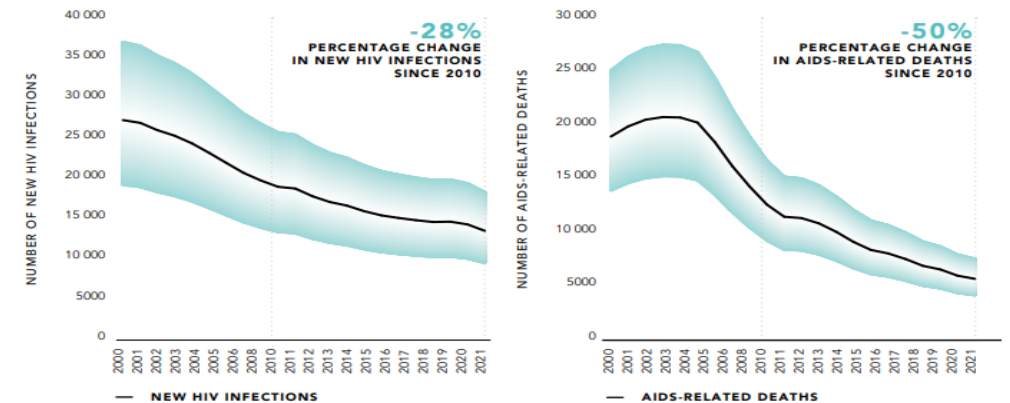
Source: PAHO, 2022. Developed from UNAIDS/WHO Spectrum HIV estimates, 2022.

# Overview of the HIV epidemic in Latin America and the Caribbean

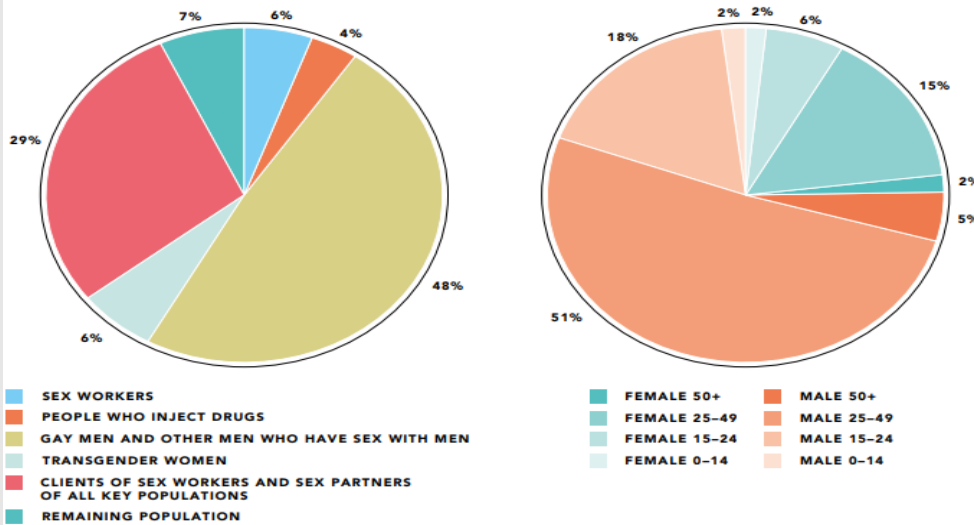
Number of new HIV infection and AIDS related deaths, 2000-2021



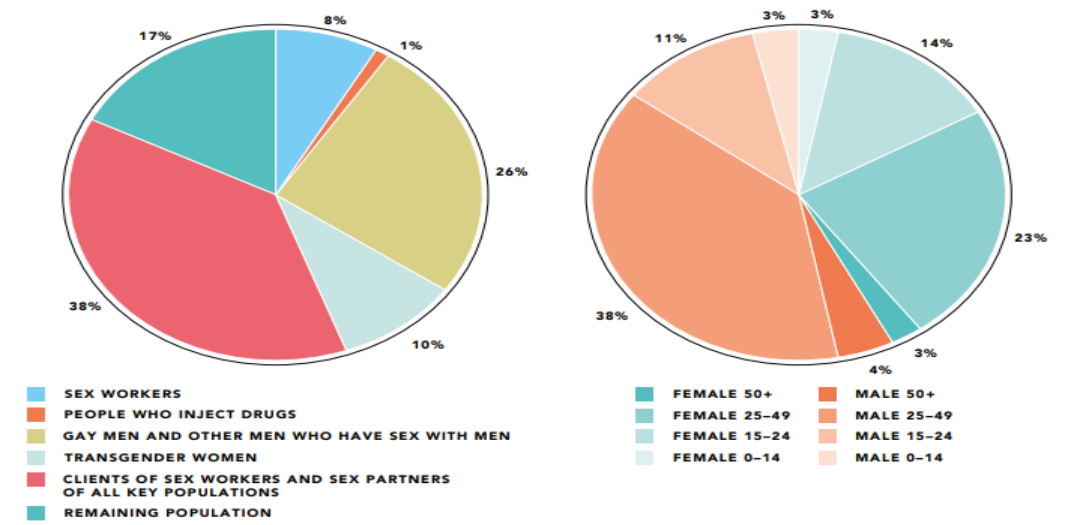
Number of new HIV infection and AIDS related deaths, 2000-2021



Distribution of new infections by population and sex, 2021

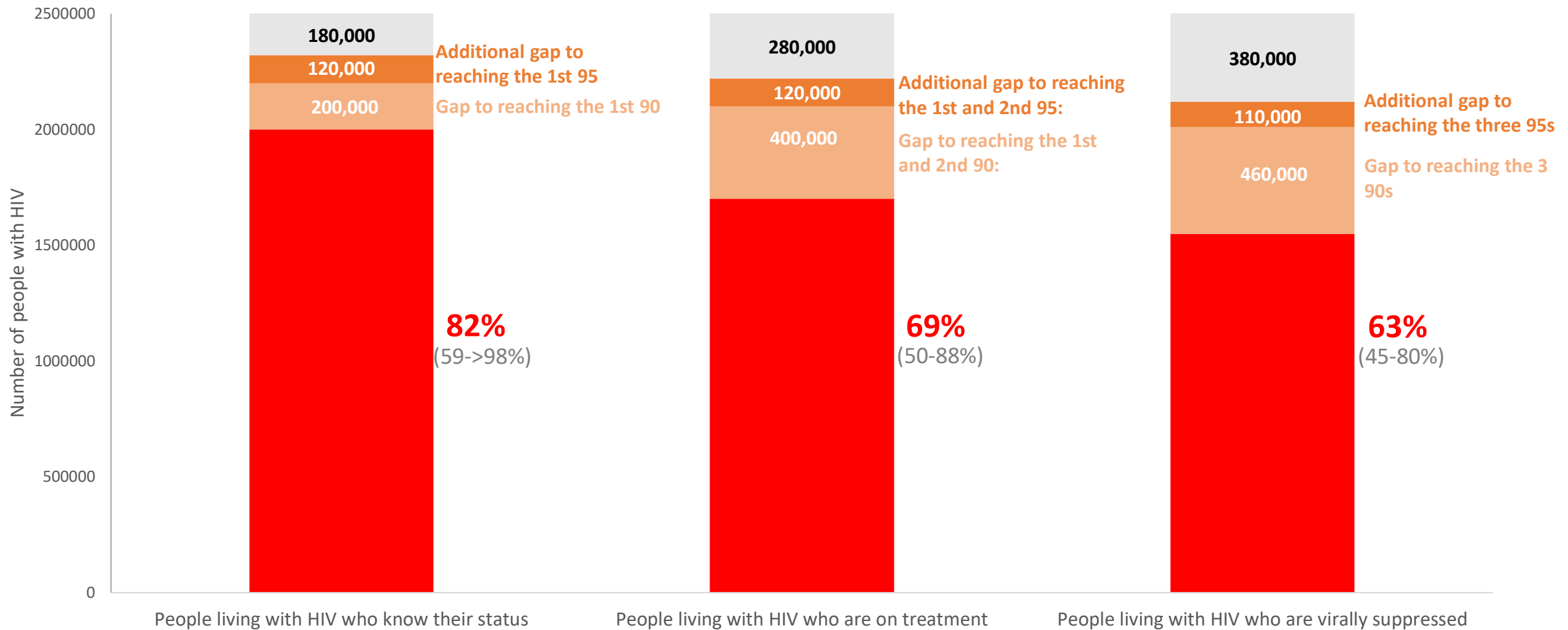


Distribution of new infections by population and sex, 2021



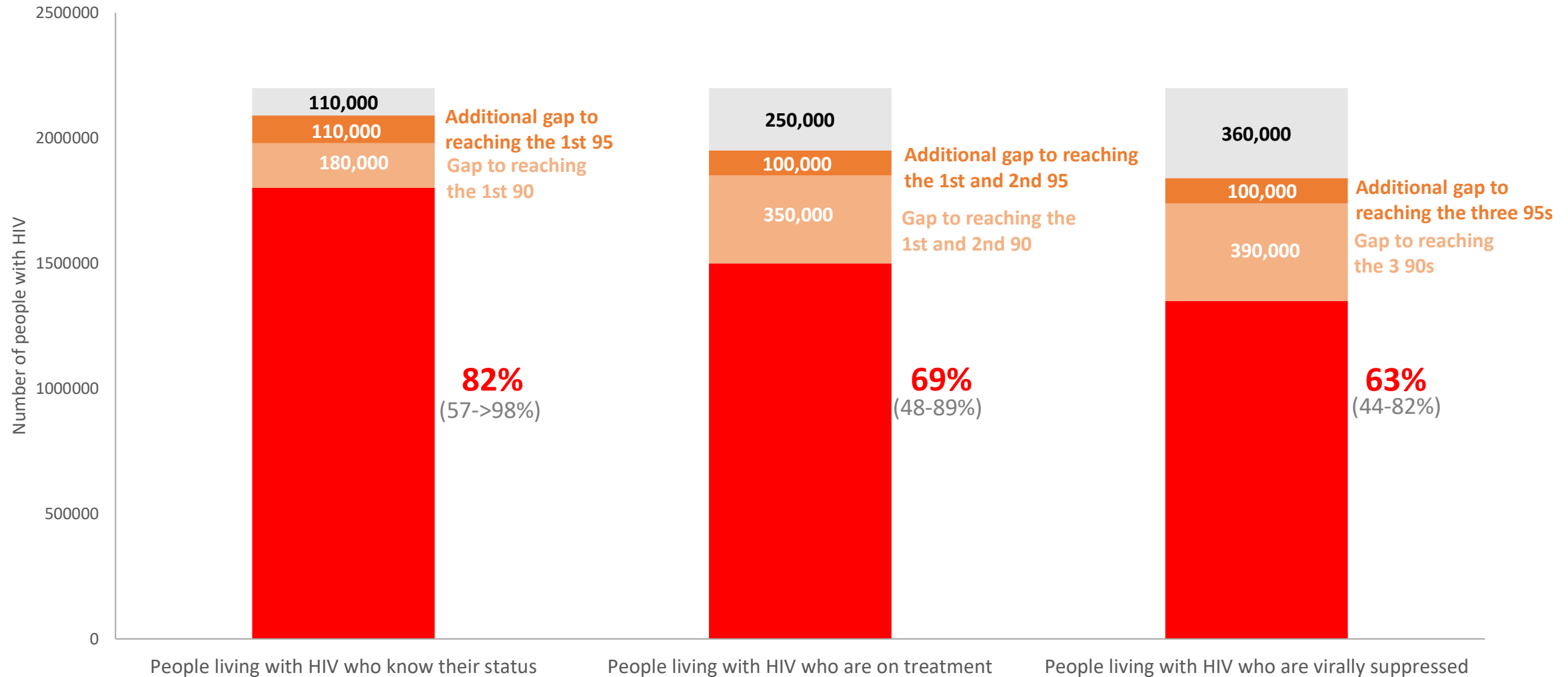
Source: UNAIDS epidemiological estimates 2022.

# HIV cascade in Latin America and the Caribbean, 2021



Source: PAHO 2022. UNAIDS epidemiological estimations, 2022 (see <https://aidsinfo.unaids.org/>).

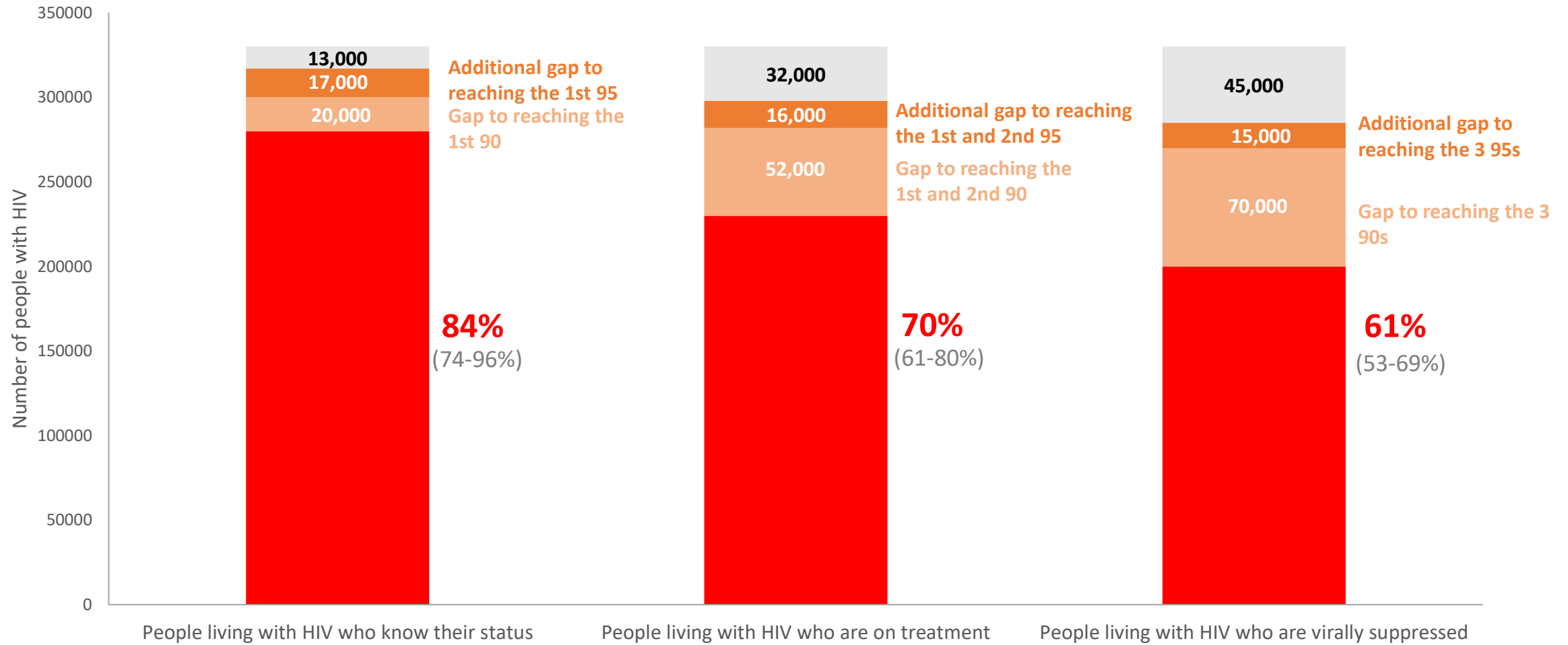
# HIV cascade Latin America, 2021



Source: PAHO 2022. UNAIDS epidemiological estimations, 2022 (see <https://aidsinfo.unaids.org/>).

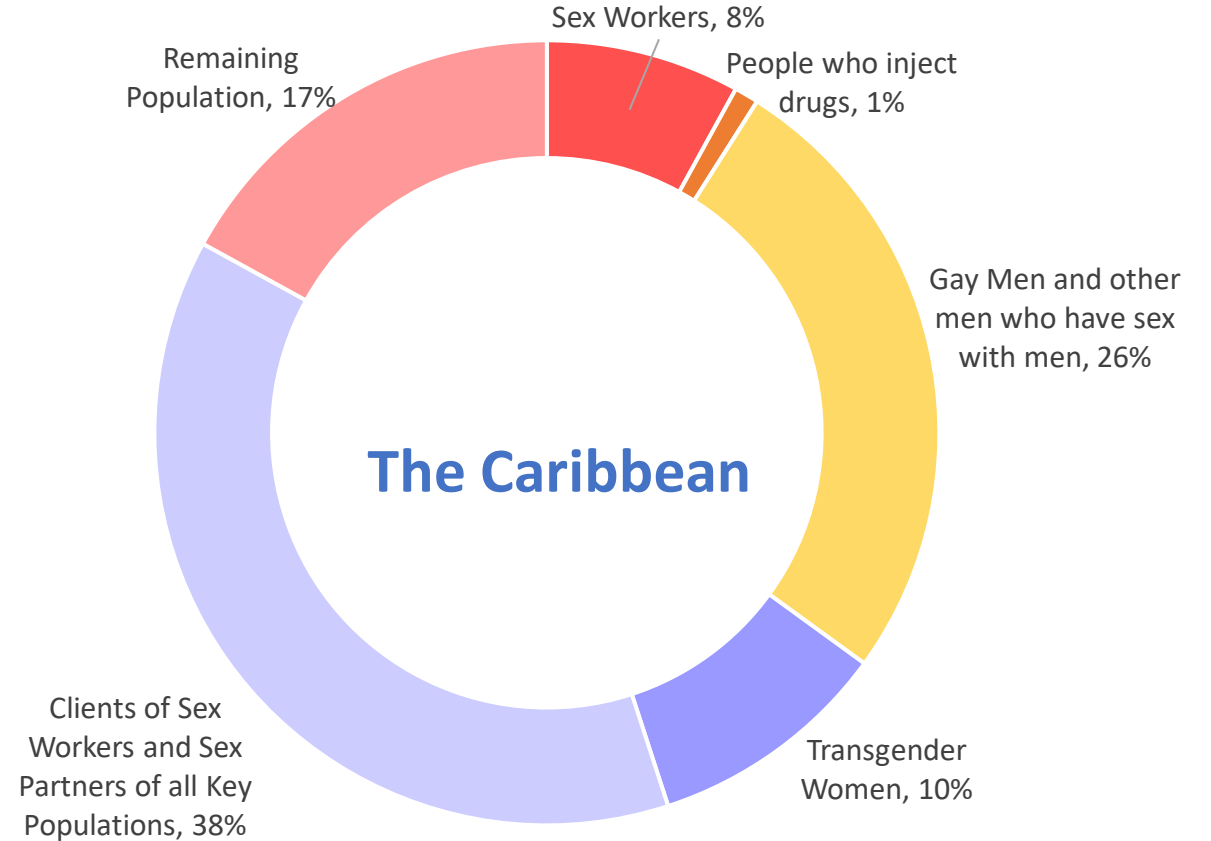
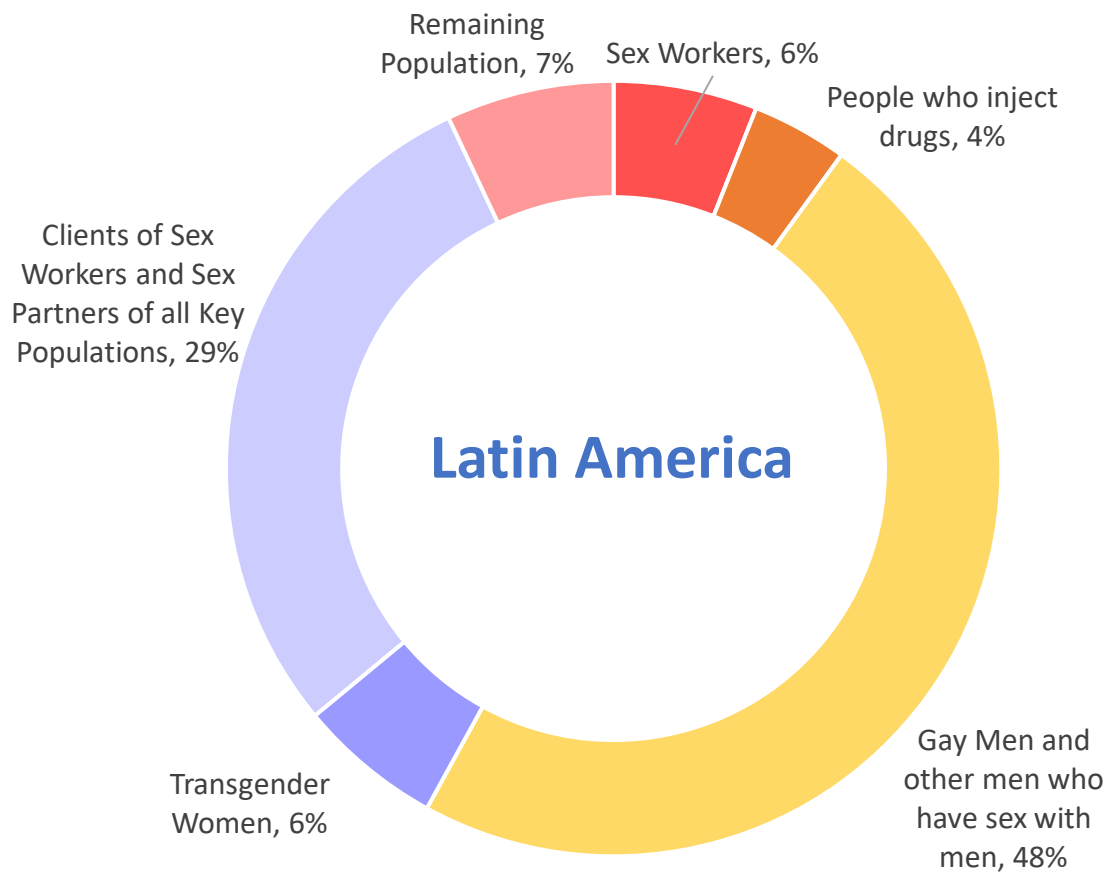


# HIV cascade in the Caribbean, 2021



Source: PAHO 2022. UNAIDS epidemiological estimations, 2022 (see <https://aidsinfo.unaids.org/>).

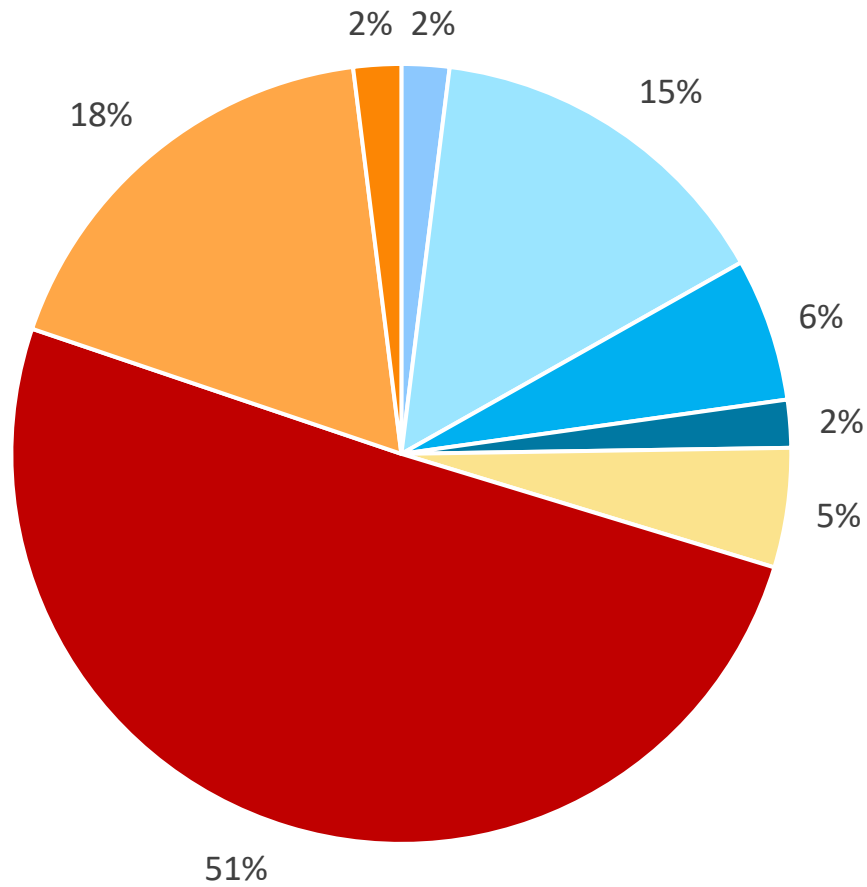
# Distribution of new HIV infections (aged 15–49 years), by population group, Latin America and the Caribbean, 2021



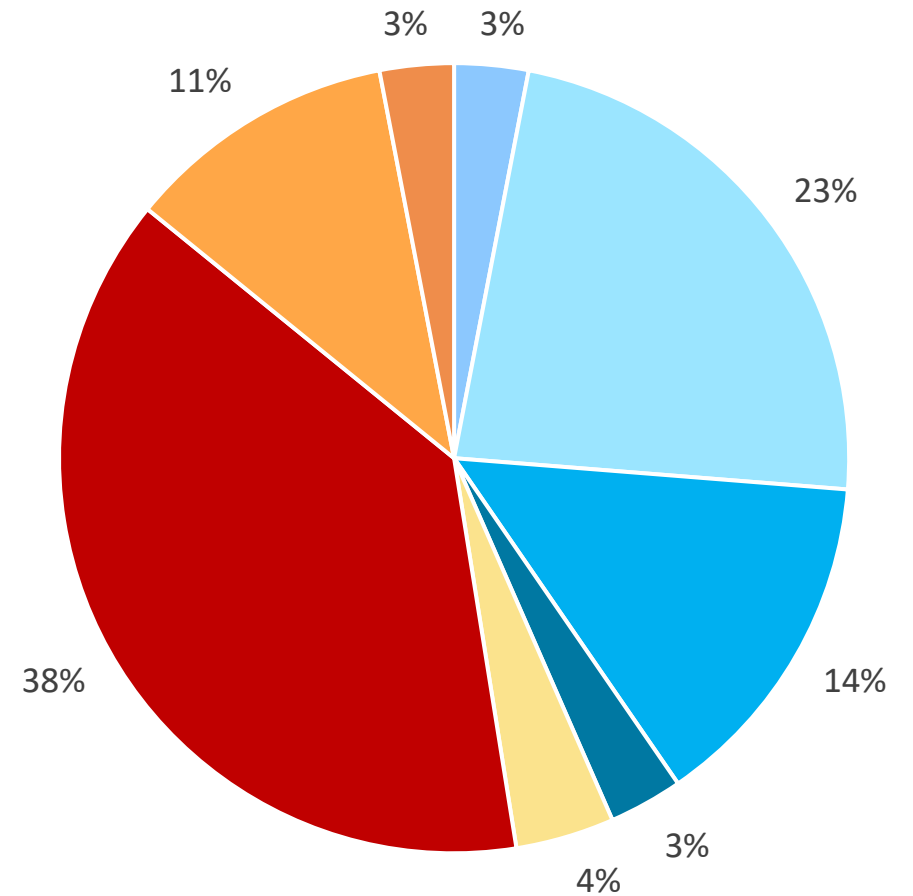
Source: UNAIDS Special analysis, 2022

# Distribution of new HIV infections, by age group, Latin America and the Caribbean, 2021

## Latin America



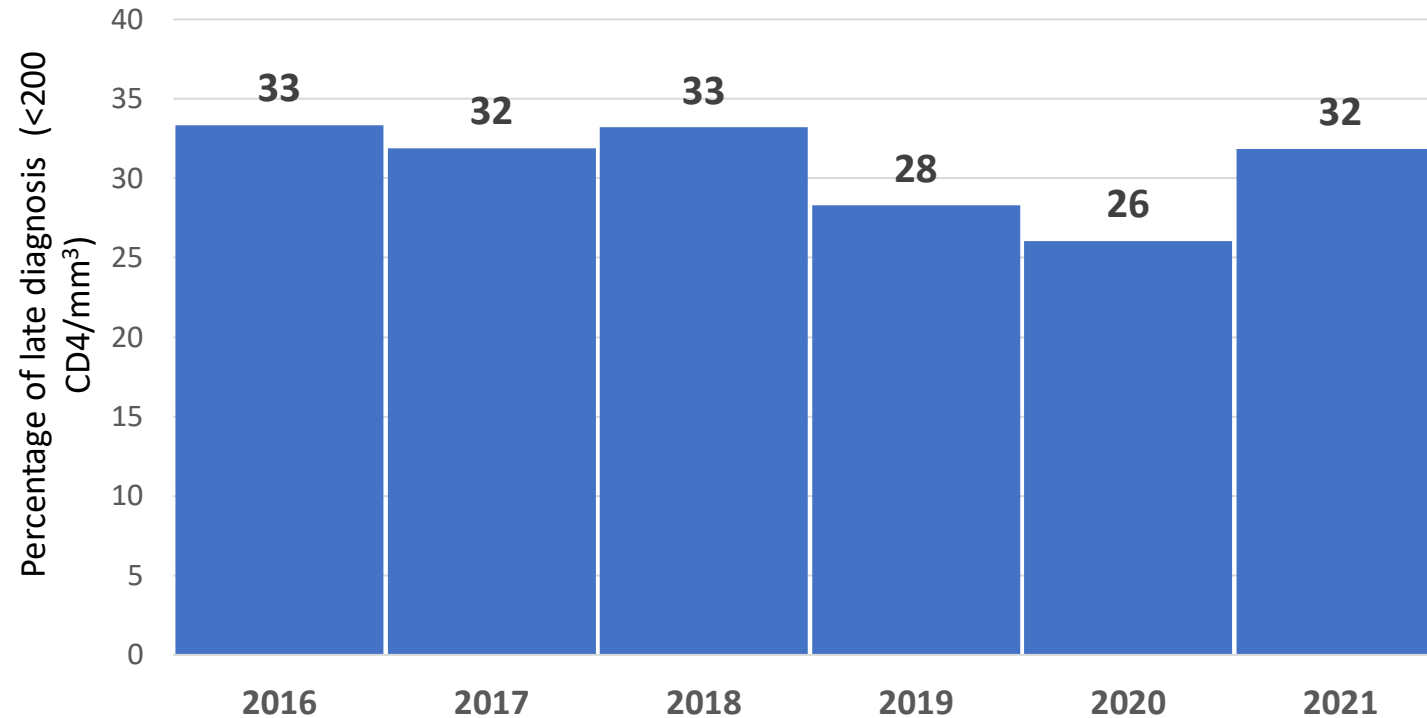
## The Caribbean



- Female 50+
- Female 25 - 49
- Female 15 - 24
- Female 0 - 14
- Male 50+
- Male 25 - 49
- Male 15 - 24
- Male 0 - 14

Source: UNAIDS Special analysis, 2022

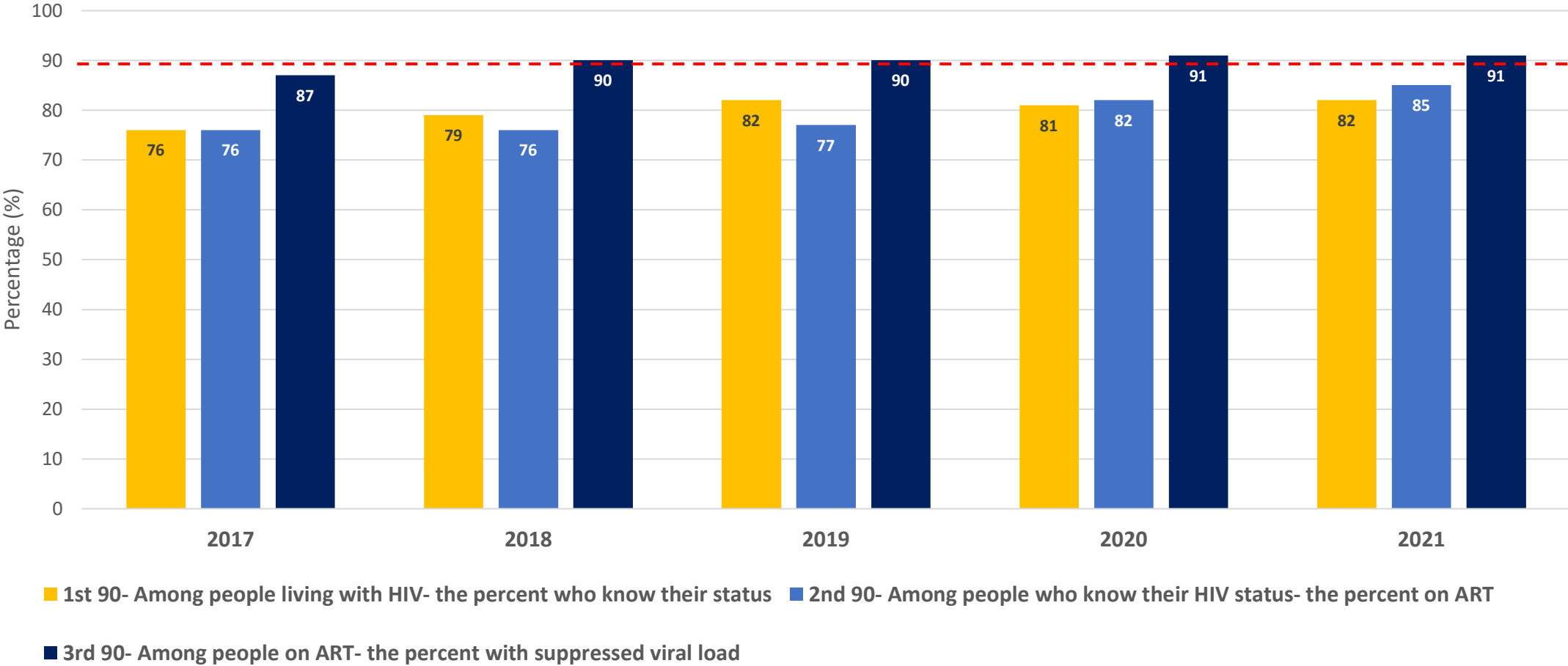
# Persons with late HIV diagnosis (%) in Latin America and the Caribbean, 2016-2021



**Source:** PAHO, 2022. Based on data reported by countries in GAM country reports 2016-2021.

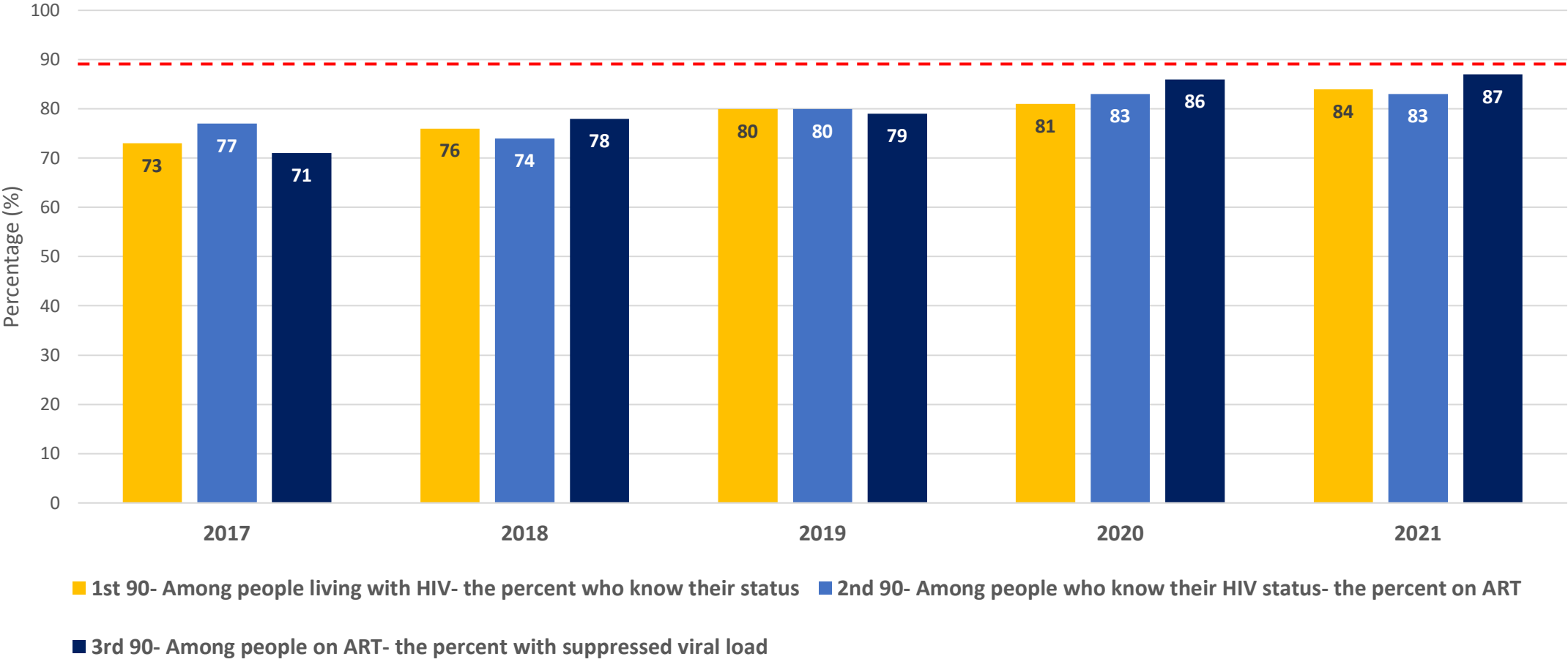
**Note:** Late HIV diagnosis: First CD4 < 200 cells/mm<sup>3</sup>. Median values from 18 reporting countries. Increases corresponds to 5 countries.

# Situation of the 90-90-90 targets in Latin America, 2016-2021



Source: PAHO, 2022. Obtained from GAM country reported data and UNAIDS/WHO estimates, 2021.

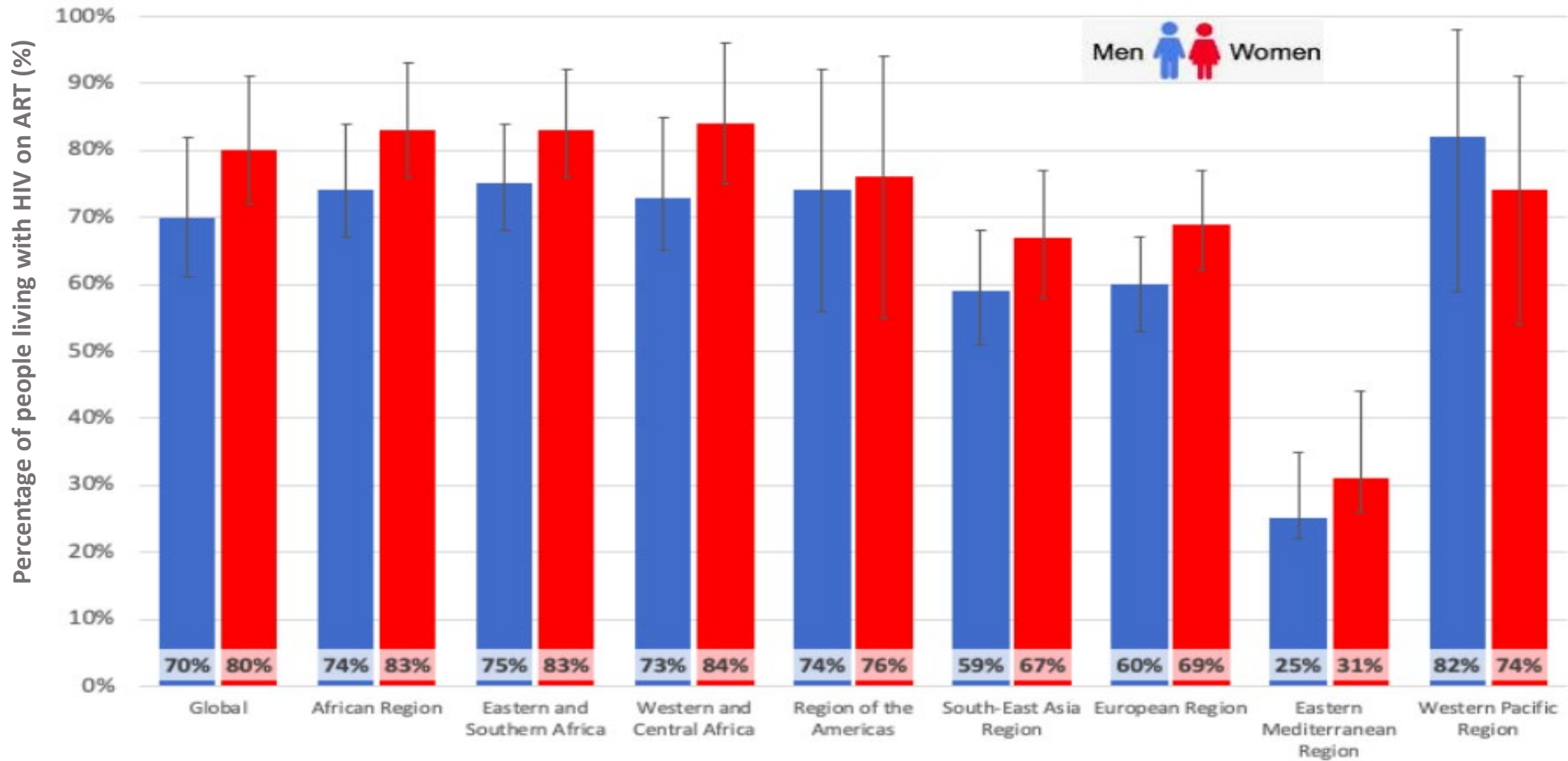
# Situation of the 90-90-90 targets, The Caribbean, 2017 -2021



Source: PAHO, 2022. Obtained from GAM country reported data and UNAIDS/WHO estimates, 2021.

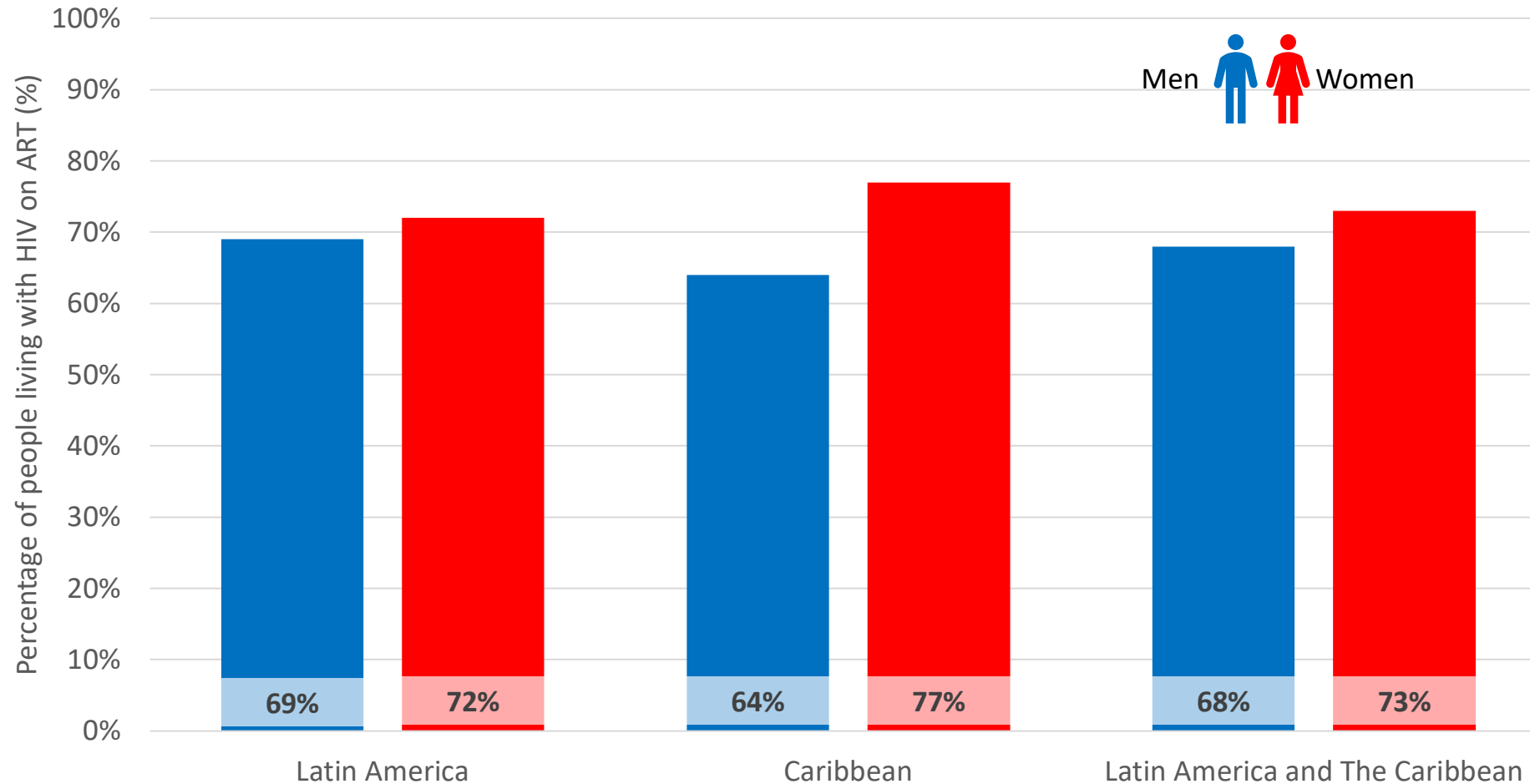


# ART coverage by sex among adults per WHO Region, 2021



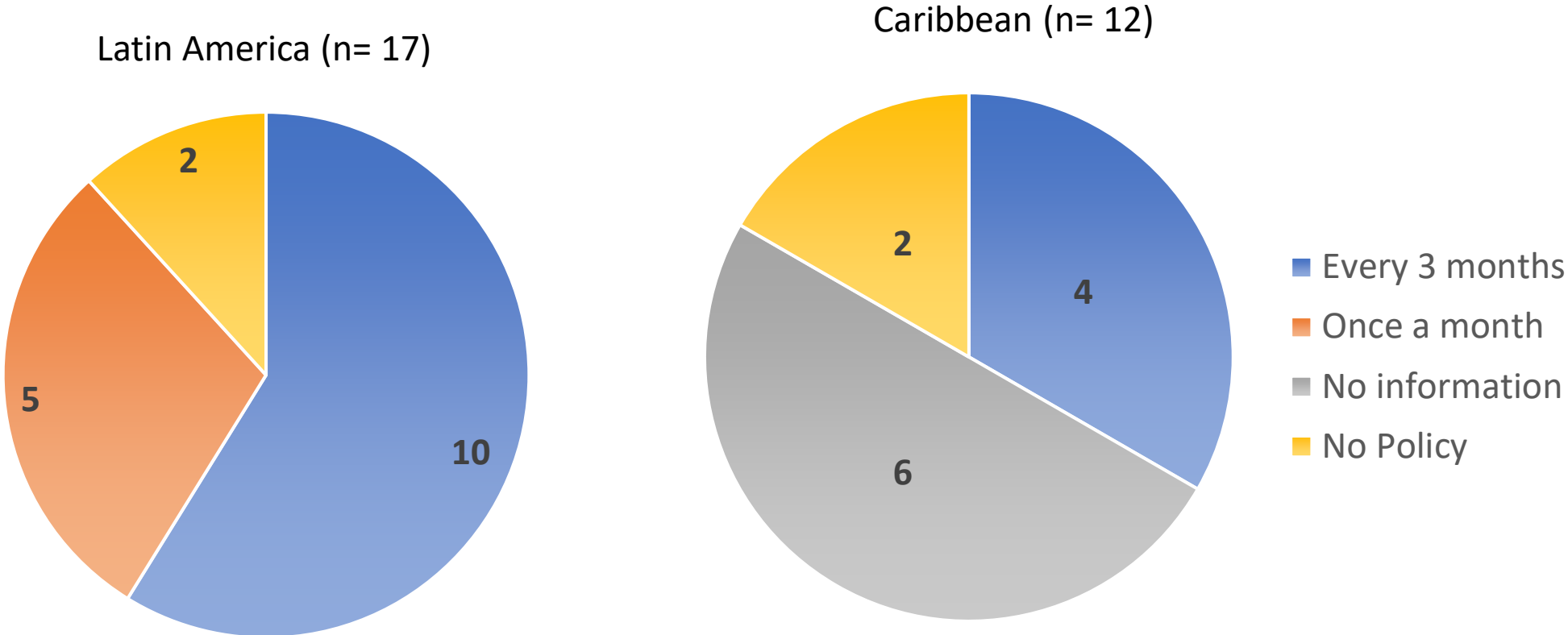
Source: WHO. Latest estimates and updates on HIV policies uptake, July 2022.

# ART coverage by sex among adults in Latin America and in The Caribbean



Source: PAHO, 2022. Obtained from GAM country reported data and UNAIDS/WHO estimates, 2022.

# Multi-month dispensing of ARVs available, Latin America and The Caribbean, 2021



Source: PAHO, 2022. GAM 2021 country reports and direct country communication.

# Status of HIV self-testing (HIVST) in national policies, updated October 2022

## Countries with policy

Argentina, Brazil, United States, El Salvador, Jamaica, Haiti, Paraguay, Canada, Trinidad and Tobago Guyana, Mexico, Belize, Colombia, Cuba  
(14)

## Countries with policy in development

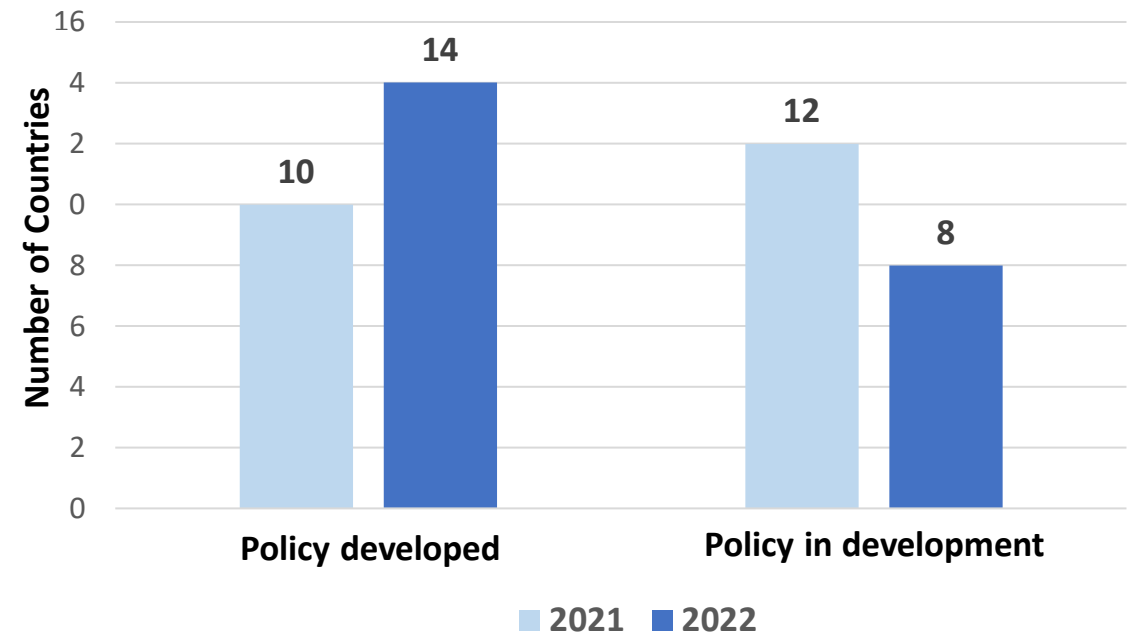
Bahamas, Ecuador, Guatemala, Honduras, Peru, Chile, Suriname, Uruguay  
(8)

## Countries with self-test kits available\*

Argentina, Belize, Brazil, Canada, Cuba, United States, Ecuador, Guyana, Nicaragua, Jamaica, Peru, OECS (4 countries) (15)

\*It includes only those countries that have the self-test kits available to the general public, either through public or private health services or through purchase in pharmacies.

### Comparison HIVST implementation in the Americas, 2021 and 2022



Source: PAHO, 2022. GAM country reports and direct country communication.

# Status of HIV self-testing (HIVST) implementation, updated October 2022

## Latin America

COUNTRY	POLICY AVAILABLE	SELF TEST KITS AVAILABLE*
Argentina	Yes	Yes
Brazil	Yes	Yes
Colombia	Yes	Yes
Cuba	Yes	Yes
El Salvador	Yes	Yes
Guatemala	No	Yes
Mexico	Yes	Yes
Paraguay	Yes	No
Peru	No	Yes

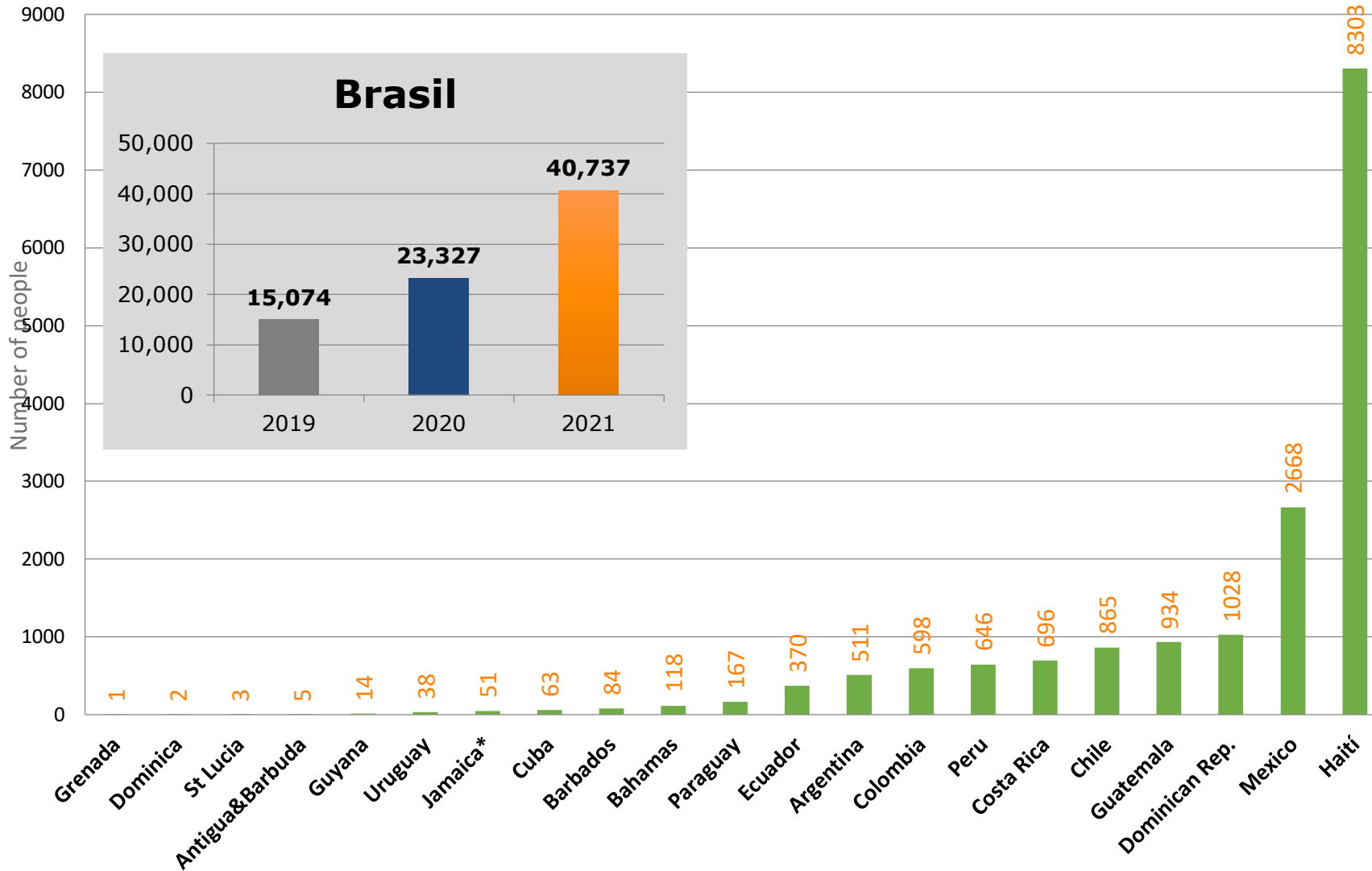
## The Caribbean

COUNTRY	POLICY AVAILABLE	SELF TEST KITS AVAILABLE*
Bahamas	No	Yes
Belize	Yes	Yes
Guyana	Yes	No
Haiti	Yes	Yes
Jamaica	Yes	Yes
Trinidad & Tobago	Yes	Yes

\*Countries that have the self-test kits available to the general public, either through public or private health services or through purchase in pharmacies.

**Source:** PAHO, 2022. GAM country reports and direct country communication. **Note:** Countries not included have neither policy nor availability of HIV self test kits.

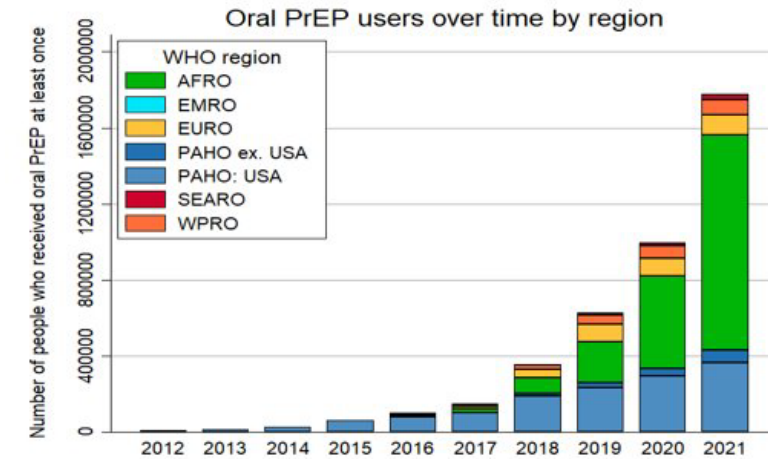
# Number of people in Latin America and the Caribbean receiving PrEP, 2019-2021



Total receiving PrEP		
2019	2020	2021
19,783	34,576	57,902

By end-2021,  
22 countries report users on PrEP

of 57,902 persons on PrEP:  
- 48,230 people in Latin America  
- 9,672 people in the Caribbean.



Source: PAHO, 2022. Information reported by countries to the GAM and direct communication with countries.



# Availability of PrEP services and policies in Latin America and the Caribbean, 2022

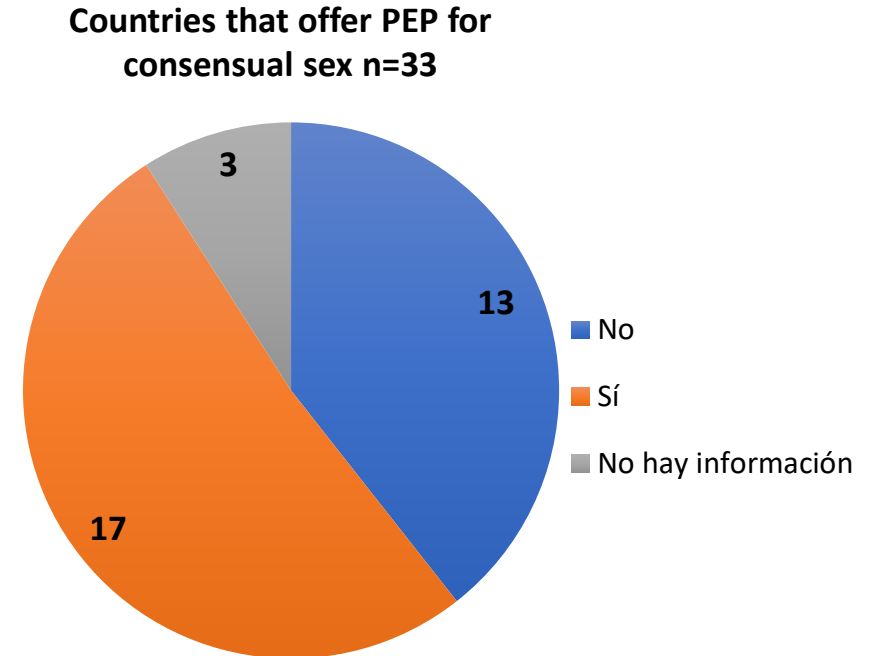
2022
<b>PrEP policy (21)</b>
Argentina, Bahamas, Barbados, Brazil, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, El Salvador, Guyana, Haiti, Panama, Paraguay, Uruguay, OECS (6)
<b>PrEP project (6)</b>
Belize, Ecuador, Guatemala, Jamaica, Mexico, Peru
<b>Planning policy/project (3)</b>
Bolivia, Colombia, Venezuela
<b>Countries reporting PrEP users (22)</b>
Antigua & Barbuda, Argentina, Bahamas, Barbados, Brazil, Chile, Colombia, Costa Rica, Cuba, Dominica, Dominican Republic, Ecuador, Guatemala, Grenada, Guyana, Haiti, Jamaica, Mexico, Paraguay, Peru, Saint Lucia, Uruguay



Source: PAHO, 2022. GAM country reports and direct country communication.

# Availability of Post Exposure Prophylaxis (PEP) for Consensual Sex in Latin America and the Caribbean, 2020

- **52% (17/33)** of the countries (**4/14** in the Caribbean) offer PEP in case of exposure through consensual sexual relations.
- During 2020 **6/17** countries that offer non-occupational PEP reported interruptions in these services due to the pandemic.



Source: PAHO, 2020. Results from a survey, July 2020.

# Rapid Initiation of Treatment in National Policies, Latin America and the Caribbean, 2021

## Countries not visible in the map

**Policy on rapid initiation and/or same day start:**

Barbados, Saint Lucia, Trinidad and Tobago.

**No policy:** Antigua and Barbuda, Bahamas, Saint Kitts and Nevis

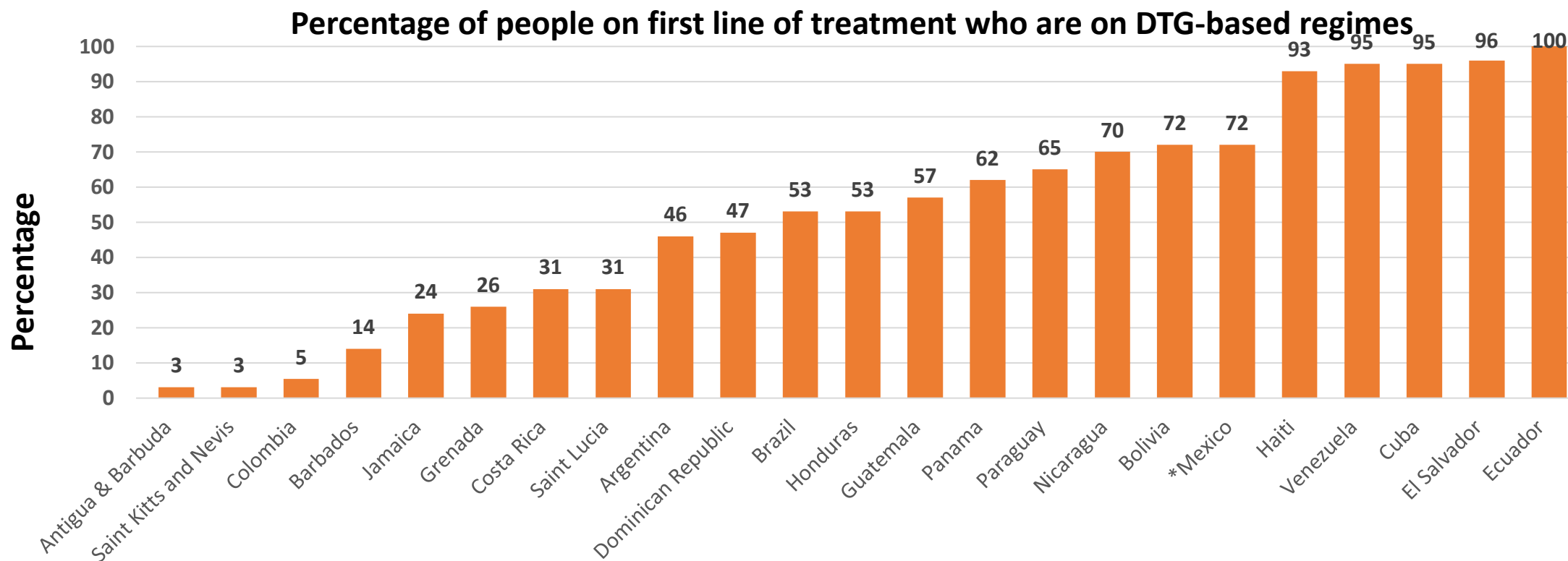


- No information
- Policy on rapid initiation and/or same day start
- No Policy

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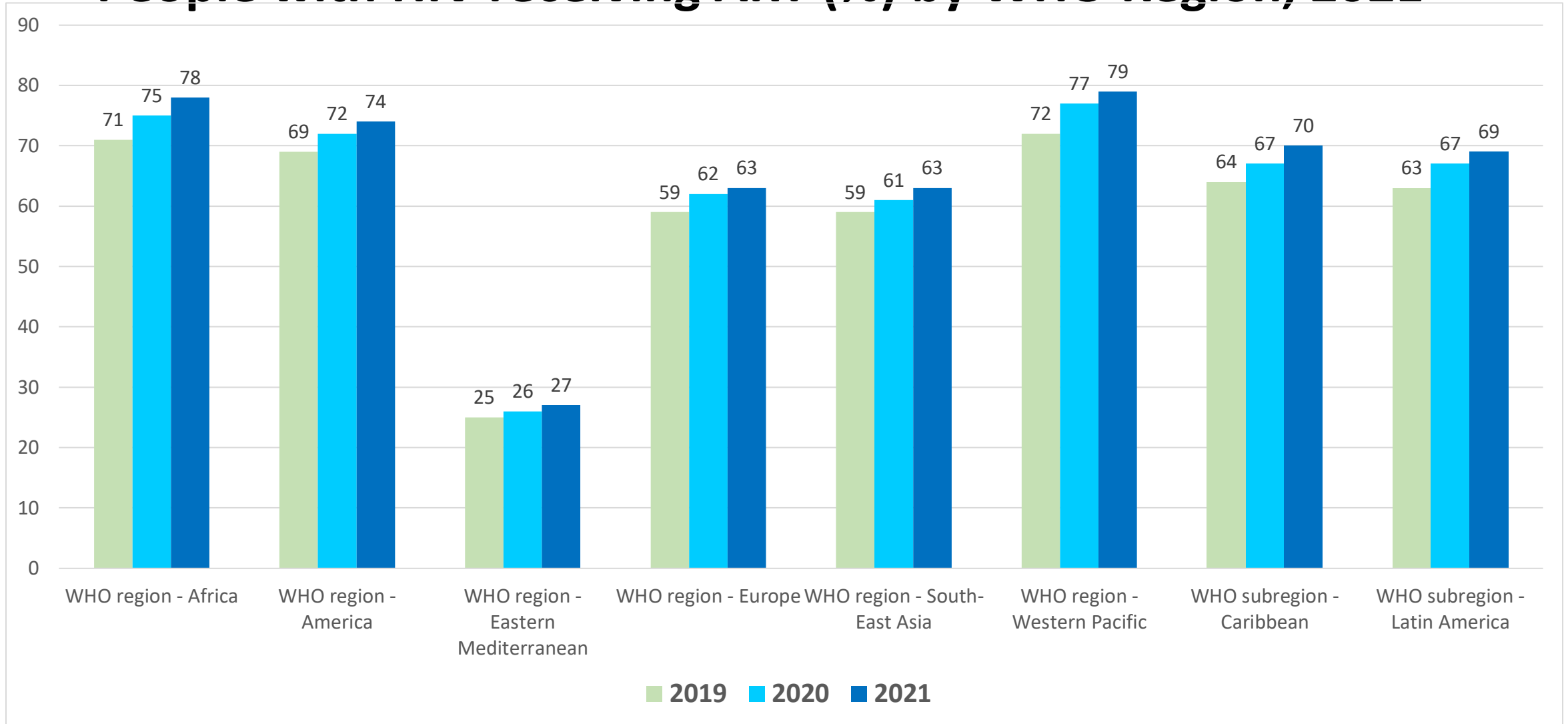
Source: PAHO, 2022. GAM country reports and direct communication with countries, 2022.

# Dolutegravir (DTG) as first-line treatment for HIV, Latin America and the Caribbean, 2021



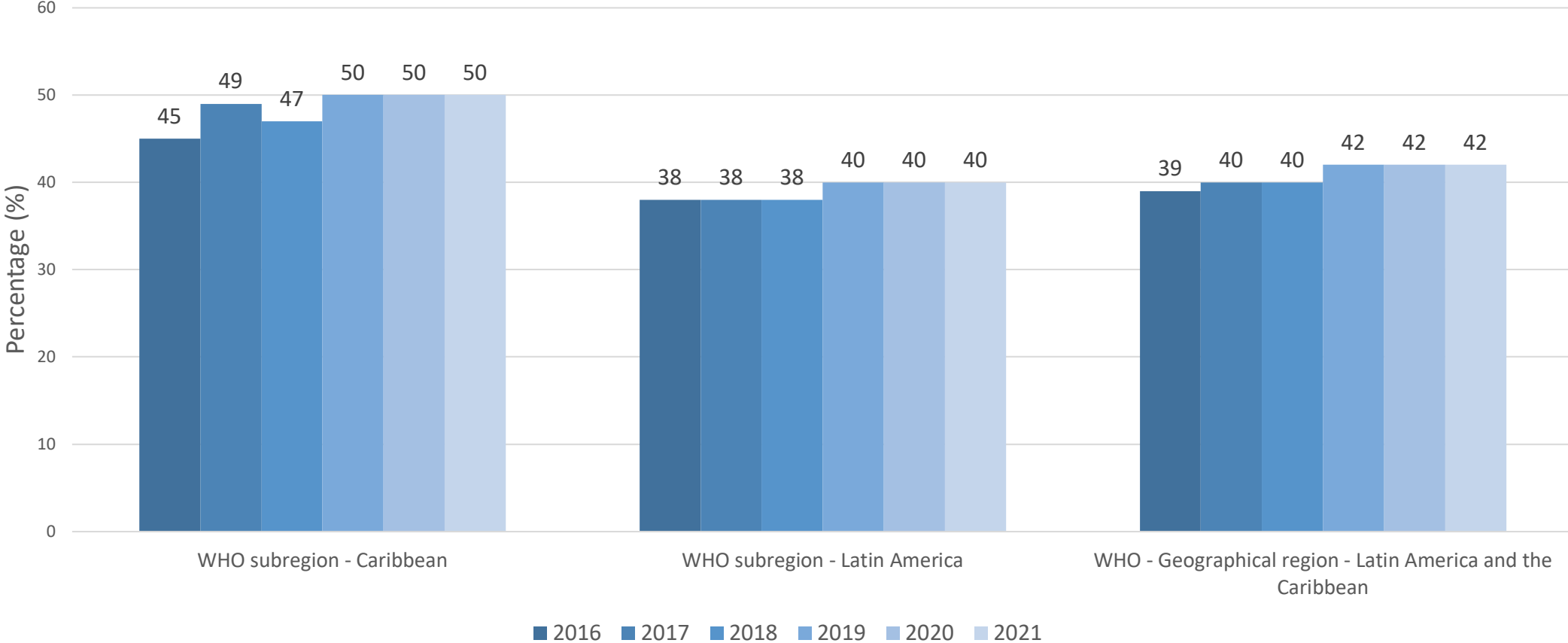
**Source:** PAHO, 2022. Global AIDS Monitoring (UNAIDS/WHO/UNICEF) and PAHO direct communication with countries. **Note:** Bahamas, Belize, Chile, Dominica, Guyana, Peru, Saint Vicent & the Grenadines, Suriname, Trinidad & Tobago, and Uruguay did not report this information to GAM. **Note:** \*Values in Mexico correspond to bictegravir-based regimes.

# People with HIV receiving ART (%) by WHO Region, 2021



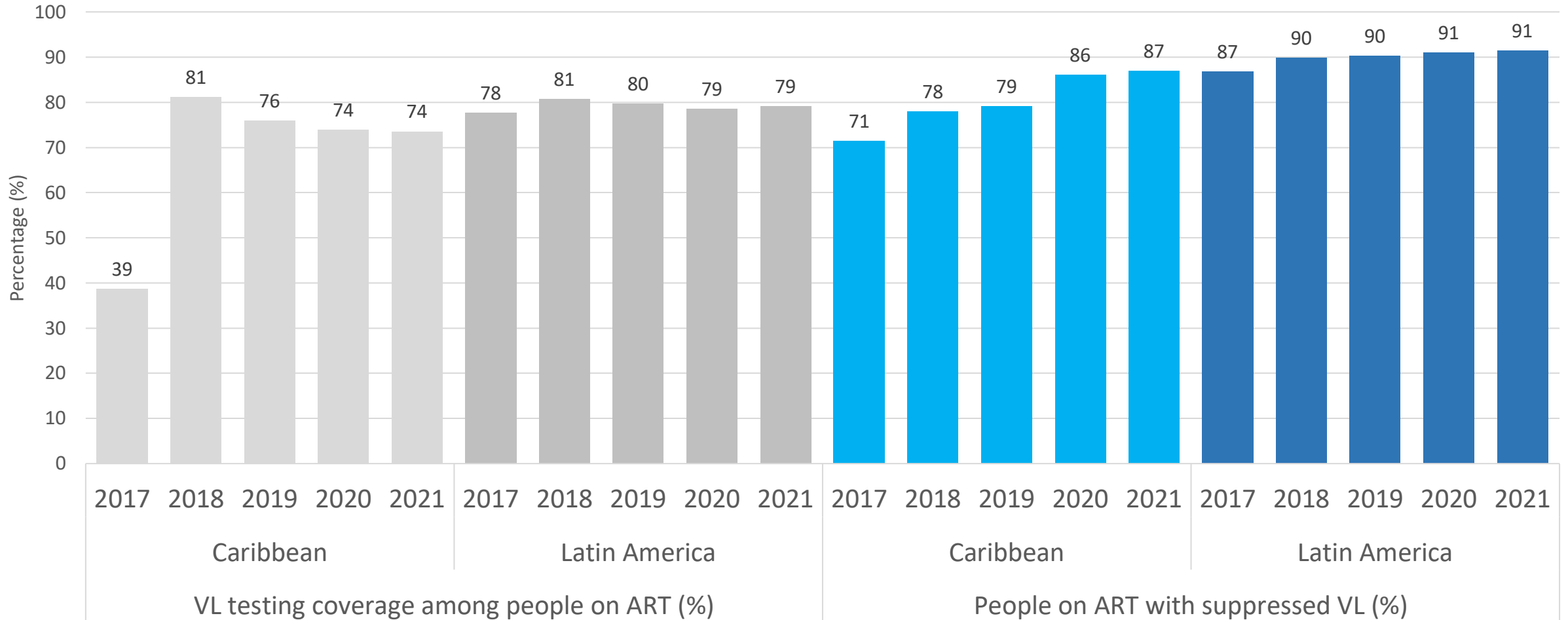
Source: PAHO, 2022. Developed from UNAIDS Spectrum HIV estimates 2022.

# Percentage of children (0-14 years) with HIV receiving antiretroviral treatment, by subregion in Latin America and the Caribbean, 2016-2021



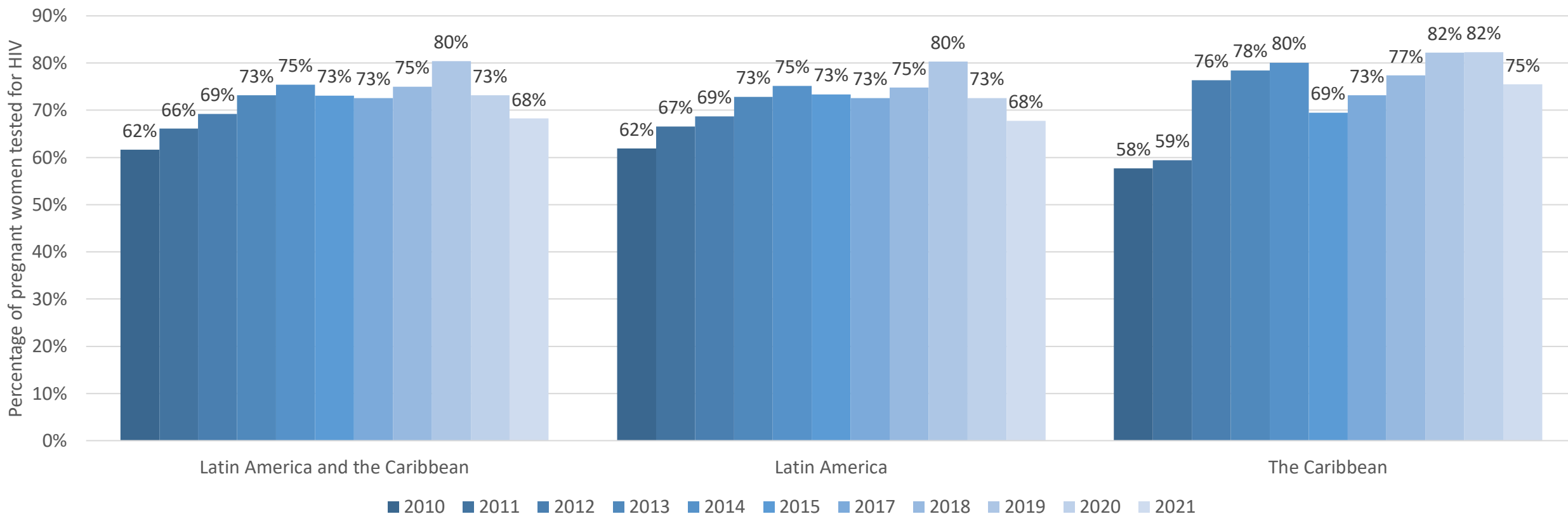
Source: PAHO 2022. Developed from data from UNAIDS/WHO Spectrum HIV estimates 2022. Global AIDS monitoring country responses, 2022.

# Viral load testing and suppression, in Latin America and the Caribbean, 2016-2021



Source: PAHO, 2022. UNAIDS. Spectrum HIV estimates 2022 and UNAIDS/WHO. Global AIDS monitoring country responses, 2022.

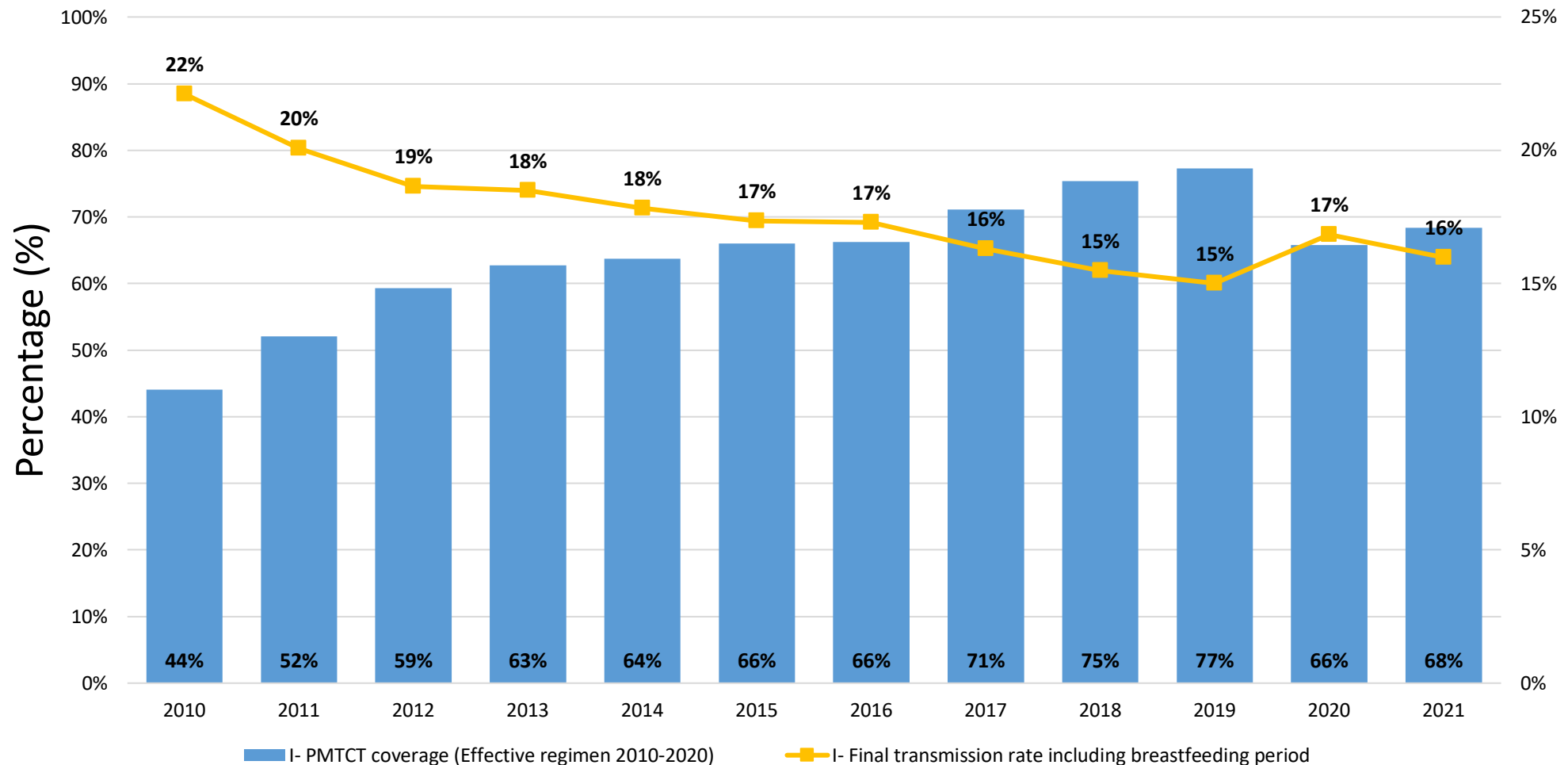
# HIV testing coverage among pregnant women by subregion, 2010-2021



Source: PAHO, 2022. Developed from data country Global AIDS monitoring responses to UNAIDS/WHO, 2022.



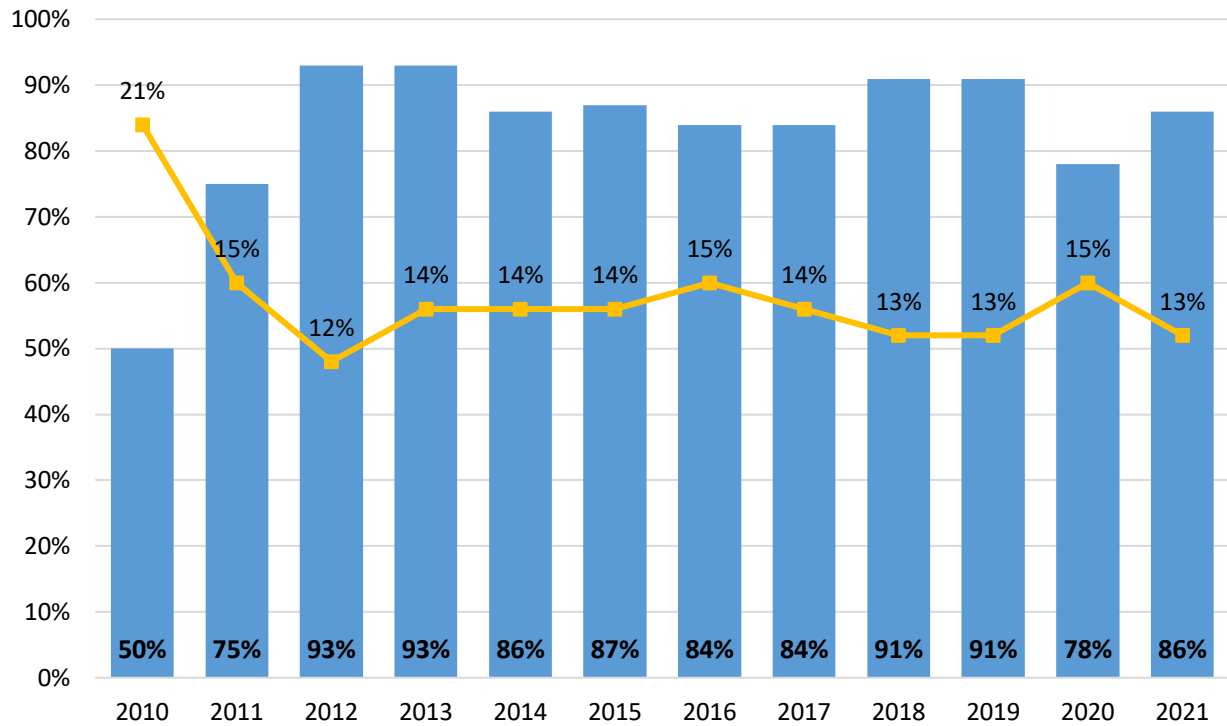
# Antiretroviral coverage among pregnant women with HIV and final MTCT transmission rate. Latin America and the Caribbean, 2010-2021



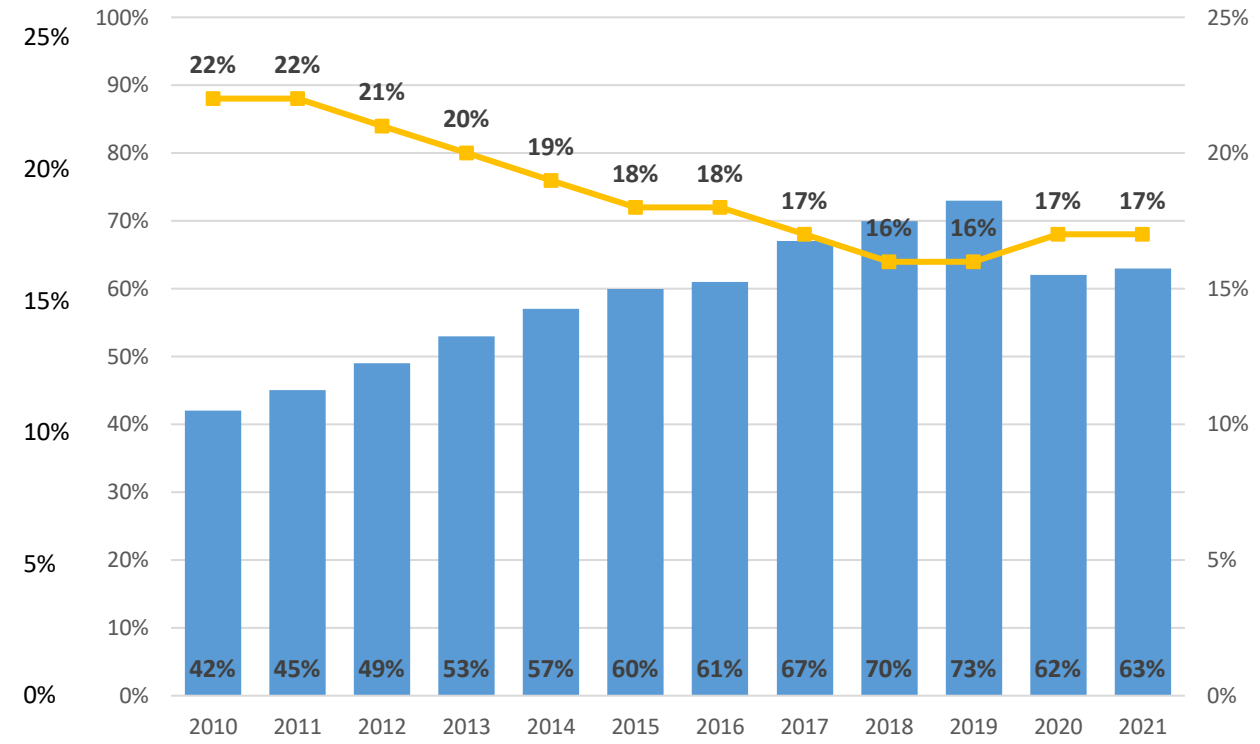
Source: PAHO, 2022. Developed based on Spectrum HIV estimates 2022 and UNAIDS/WHO. Global AIDS monitoring country responses, 2022.

# Antiretroviral coverage among pregnant women with HIV and final MTCT transmission rate, by subregion, 2010-2021

## The Caribbean



## Latin America

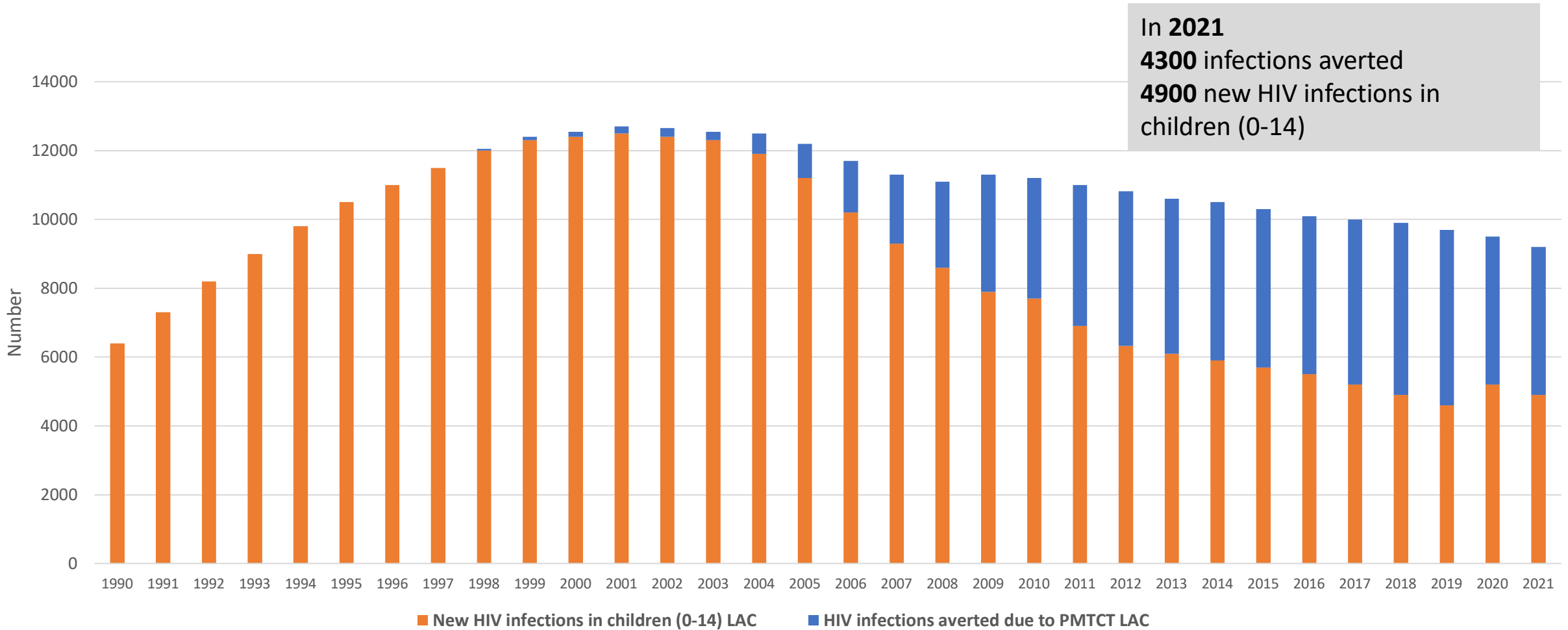


■ I- PMTCT coverage (Effective regimen 2010-2020)

—■ I- Final transmission rate including breastfeeding period

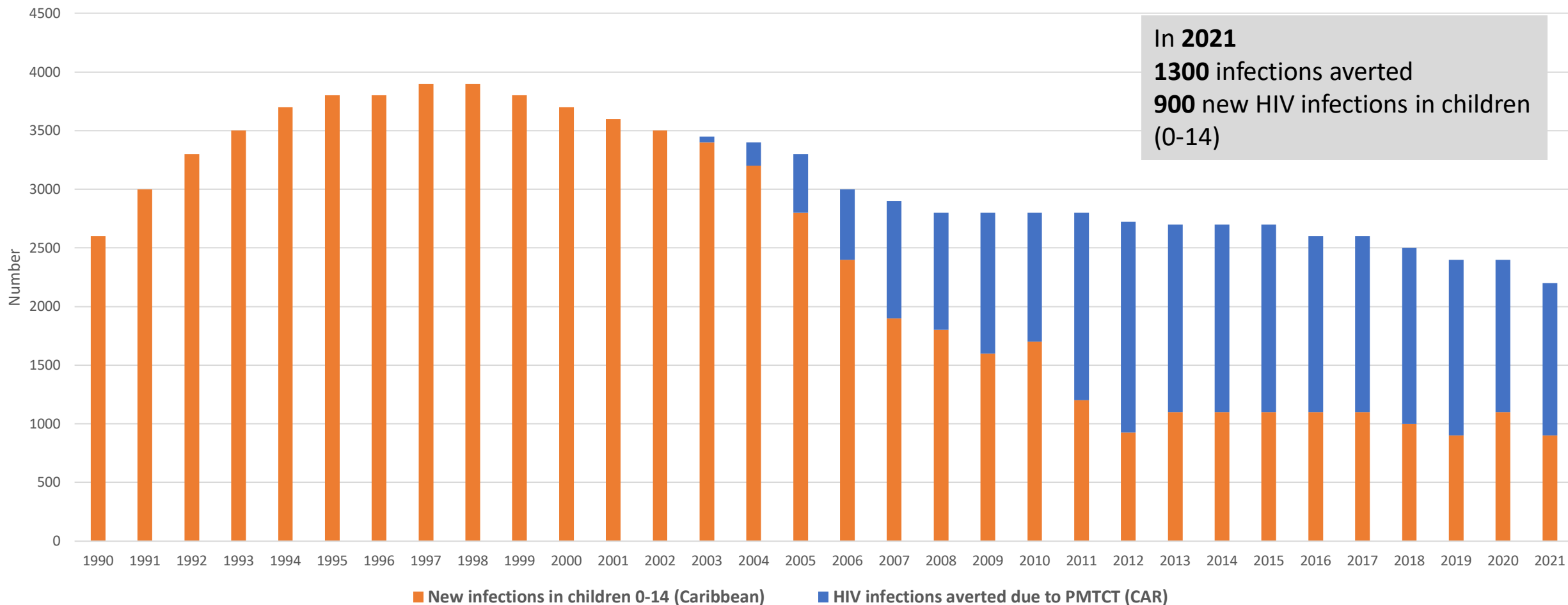
Source: PAHO, 2022. Developed based on Spectrum HIV estimates 2022 and UNAIDS/WHO. Global AIDS monitoring country responses, 2022.

# Number of new child HIV infections and infections averted due to PMTCT in Latin America and the Caribbean, 1990-2021



Source: UNAIDS. Spectrum HIV estimates, 2022.

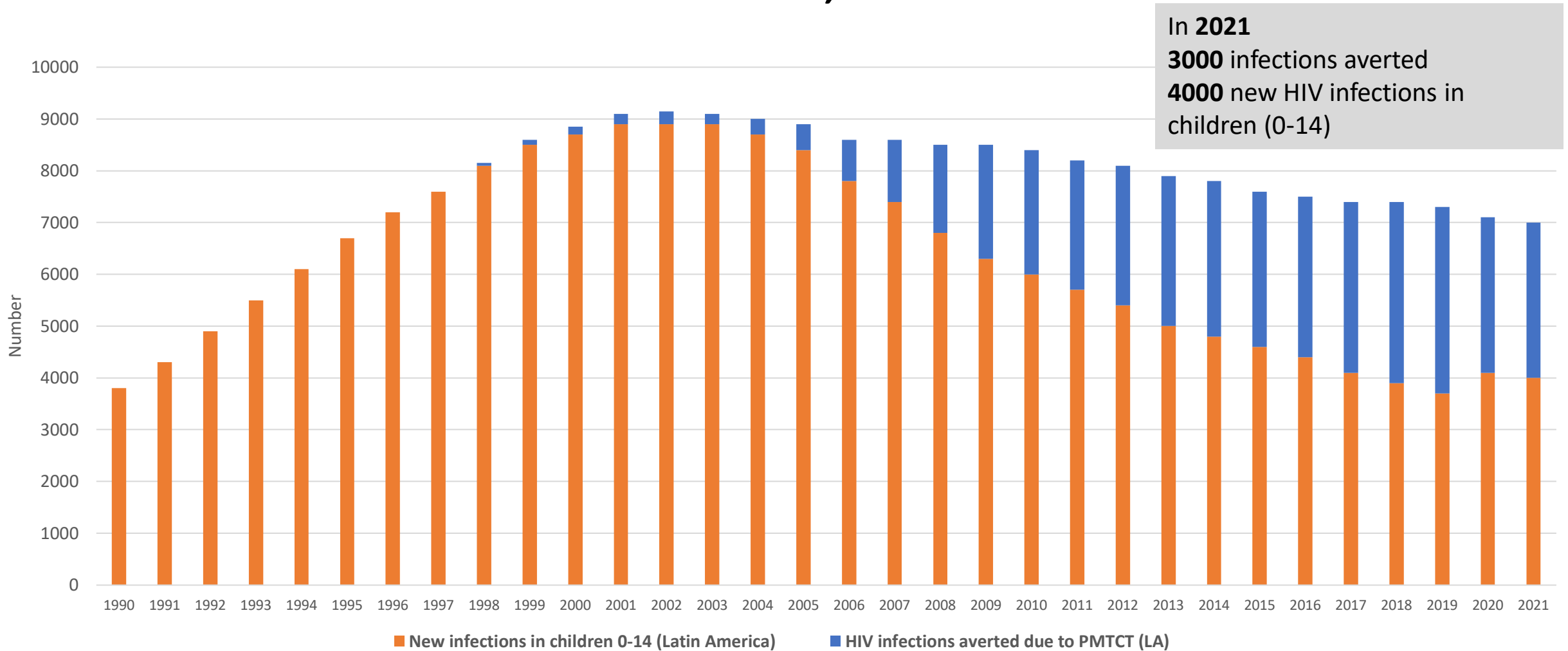
# Number of new child HIV infections and infections averted due to PMTCT in The Caribbean, 1990-2020



In 2021  
**1300** infections averted  
**900** new HIV infections in children (0-14)

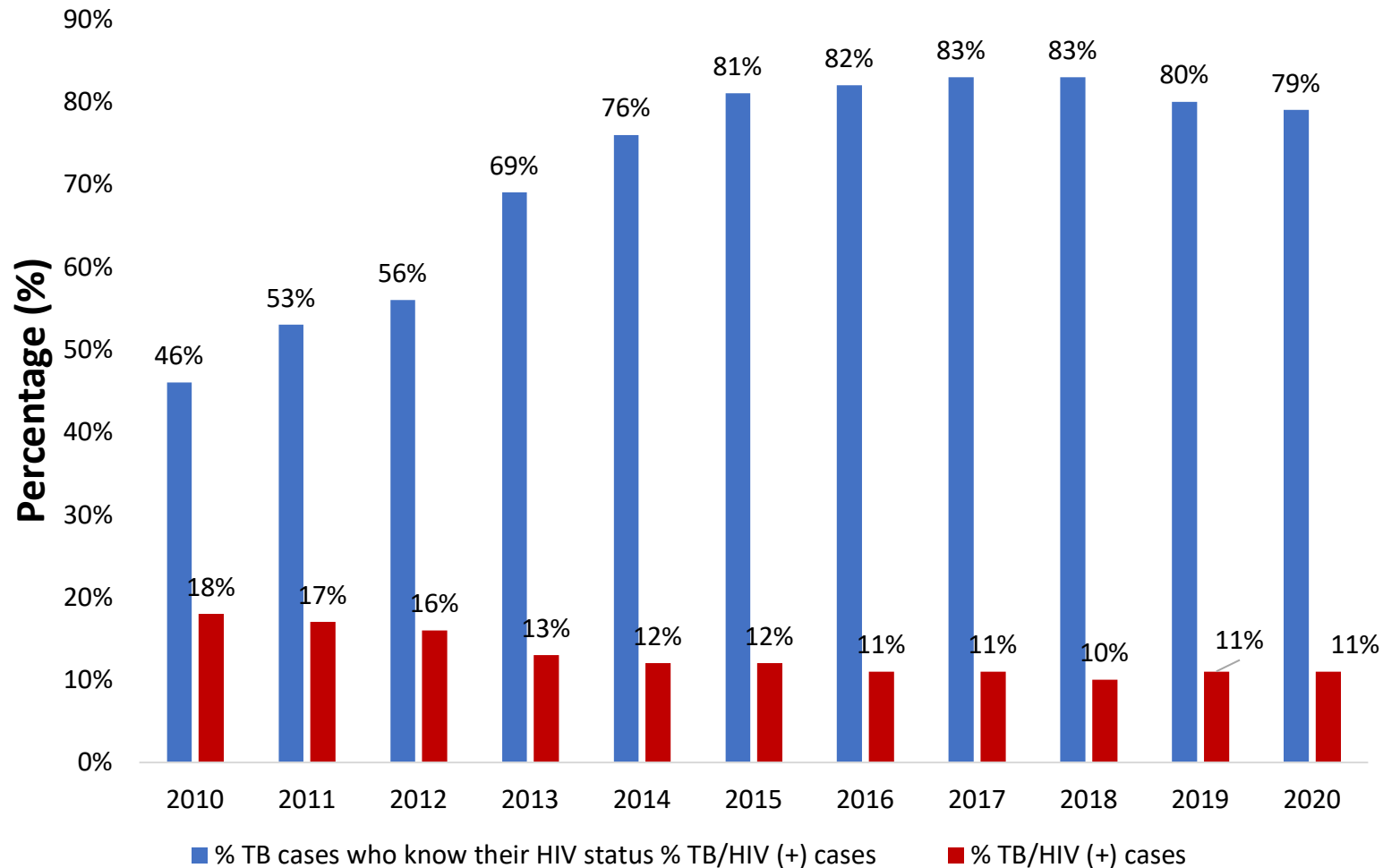
Source: UNAIDS. Spectrum HIV estimates, 2022.

# Number of new child HIV infections and infections averted due to PMTCT in Latin America, 1990-2020



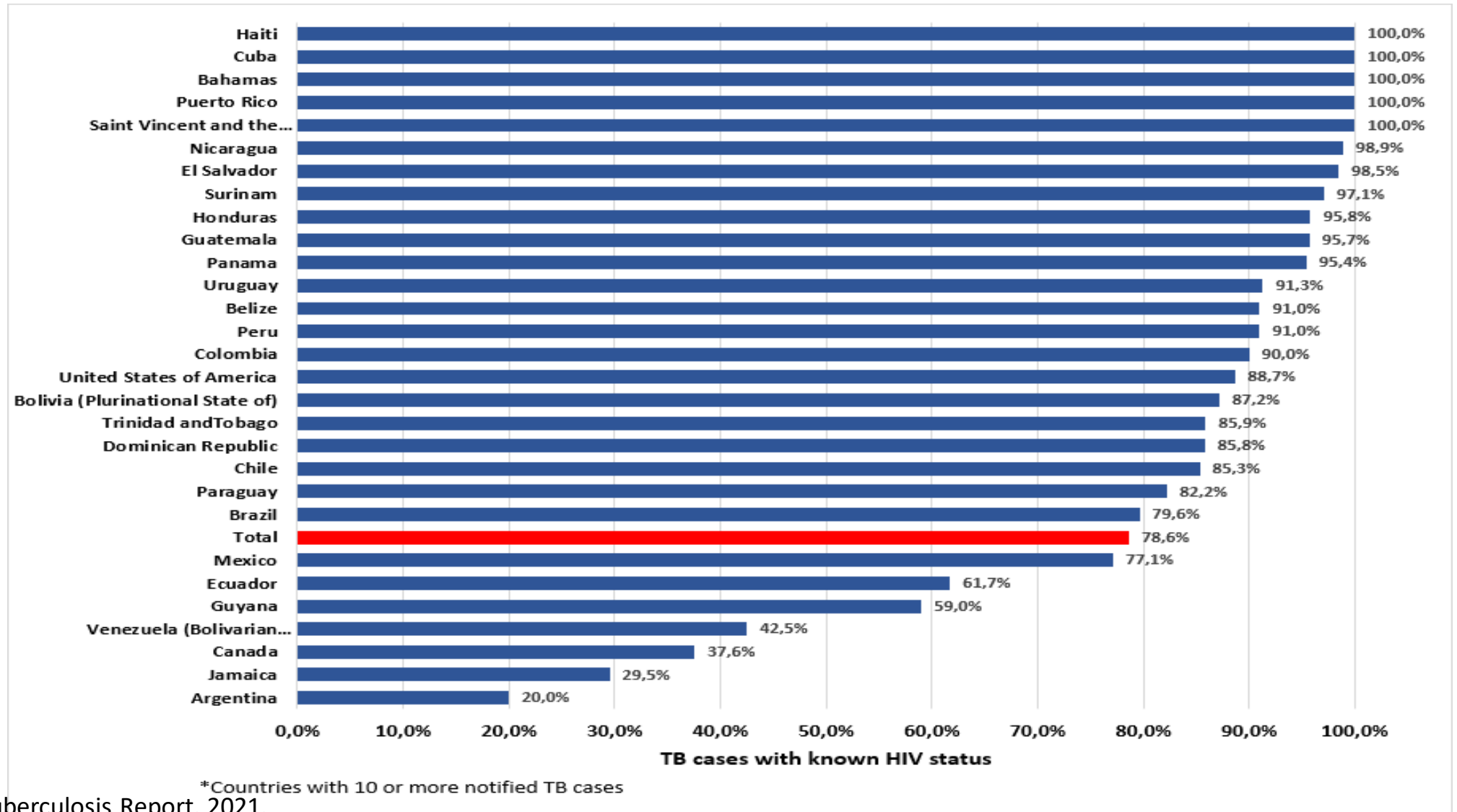
Source: UNAIDS. Spectrum HIV estimates, 2022.

# Proportion of TB patients who know their HIV status and their HIV positivity in the Americas, 2010-2020



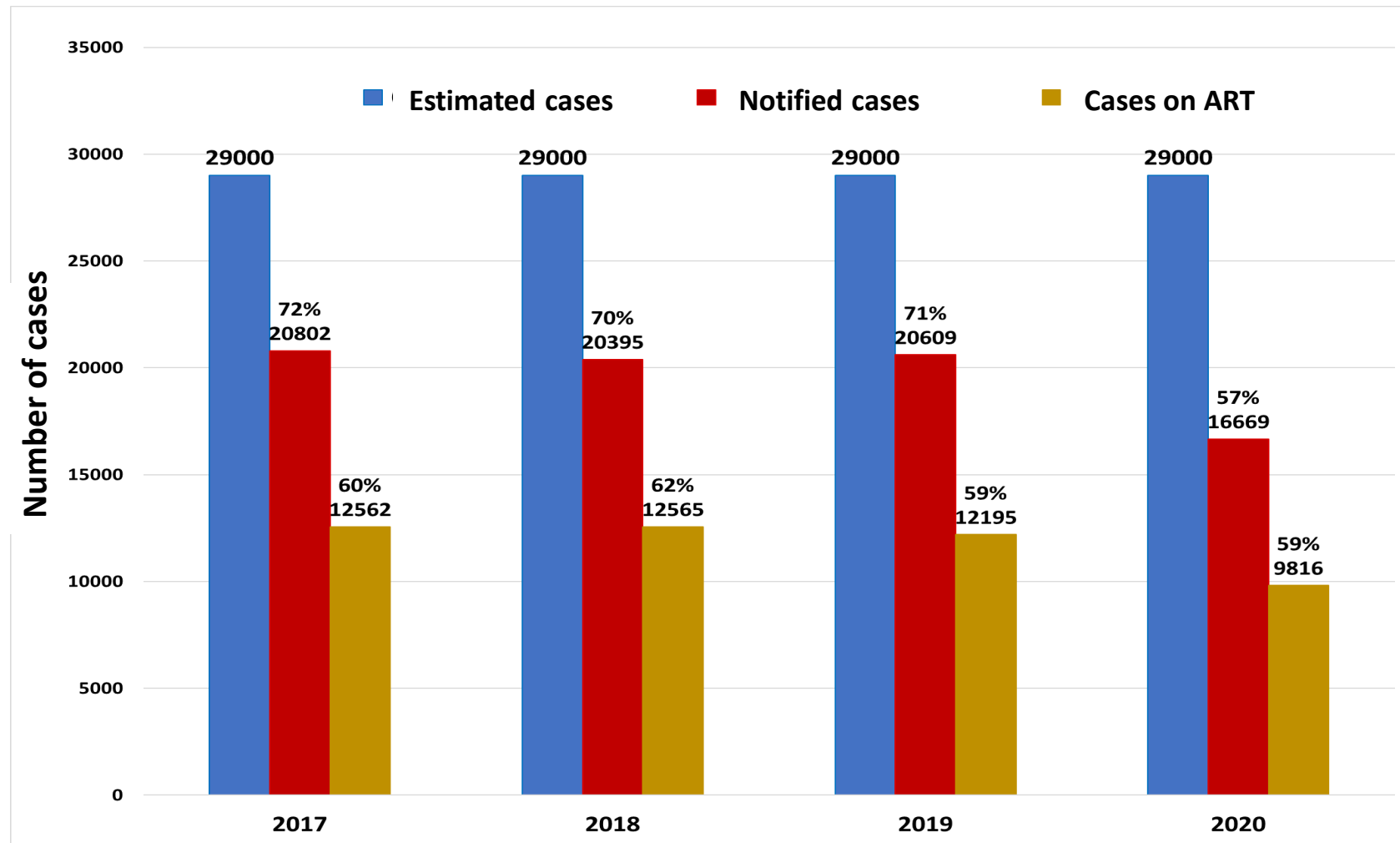
Source: WHO. Global Tuberculosis Report, 2021.

# Proportion of TB cases with documented HIV situation in the countries\*



Source: WHO. Global Tuberculosis Report, 2021.

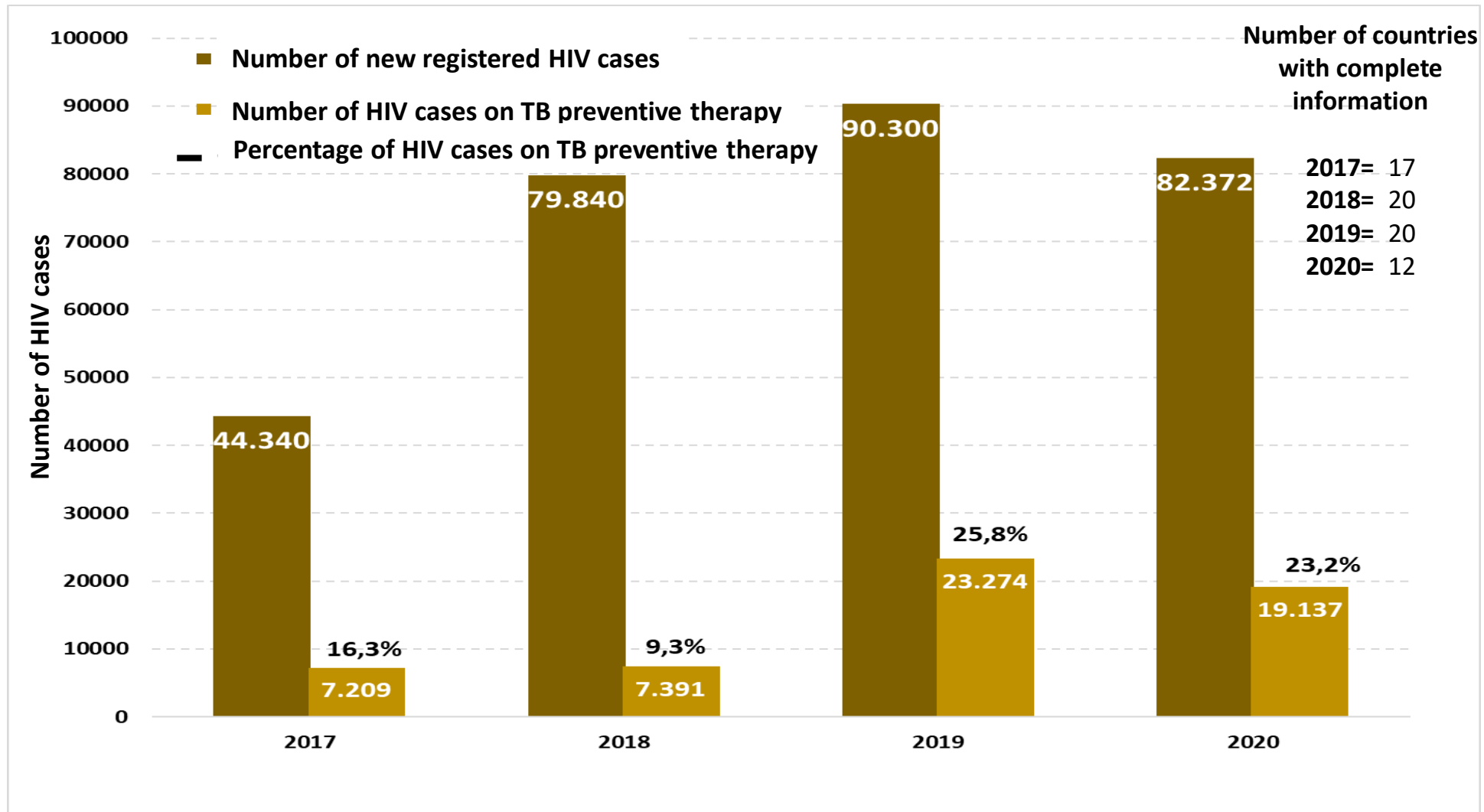
# TB/HIV: number of cases estimated , notified and on ART in the Americas, 2017-2020



Source: WHO. Global Tuberculosis Report, 2021.

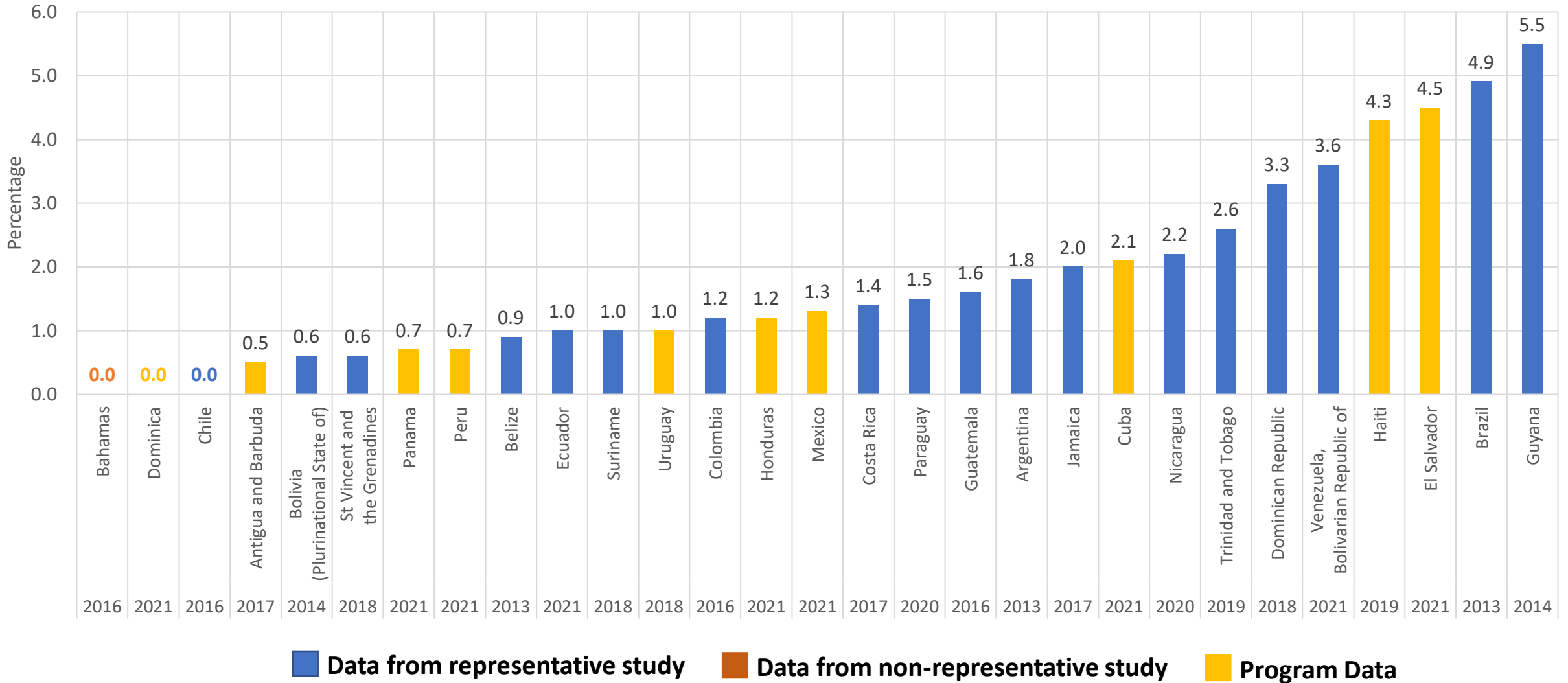


# Treatment of TB latent infection among people with HIV in the Americas. 2017-2020



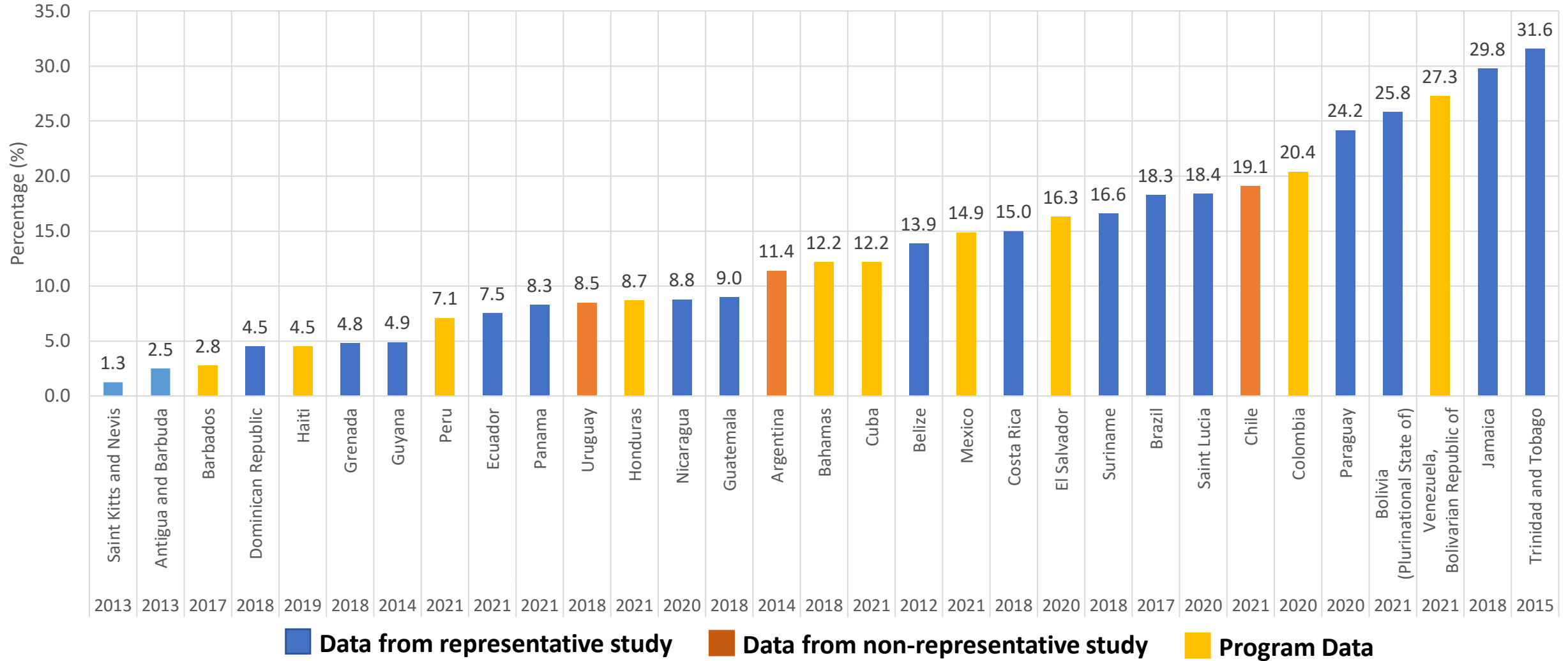
Source: WHO. Global Tuberculosis Report, 2021.

# Prevalence of HIV infection in sex workers, latest reported data, 2016-2021



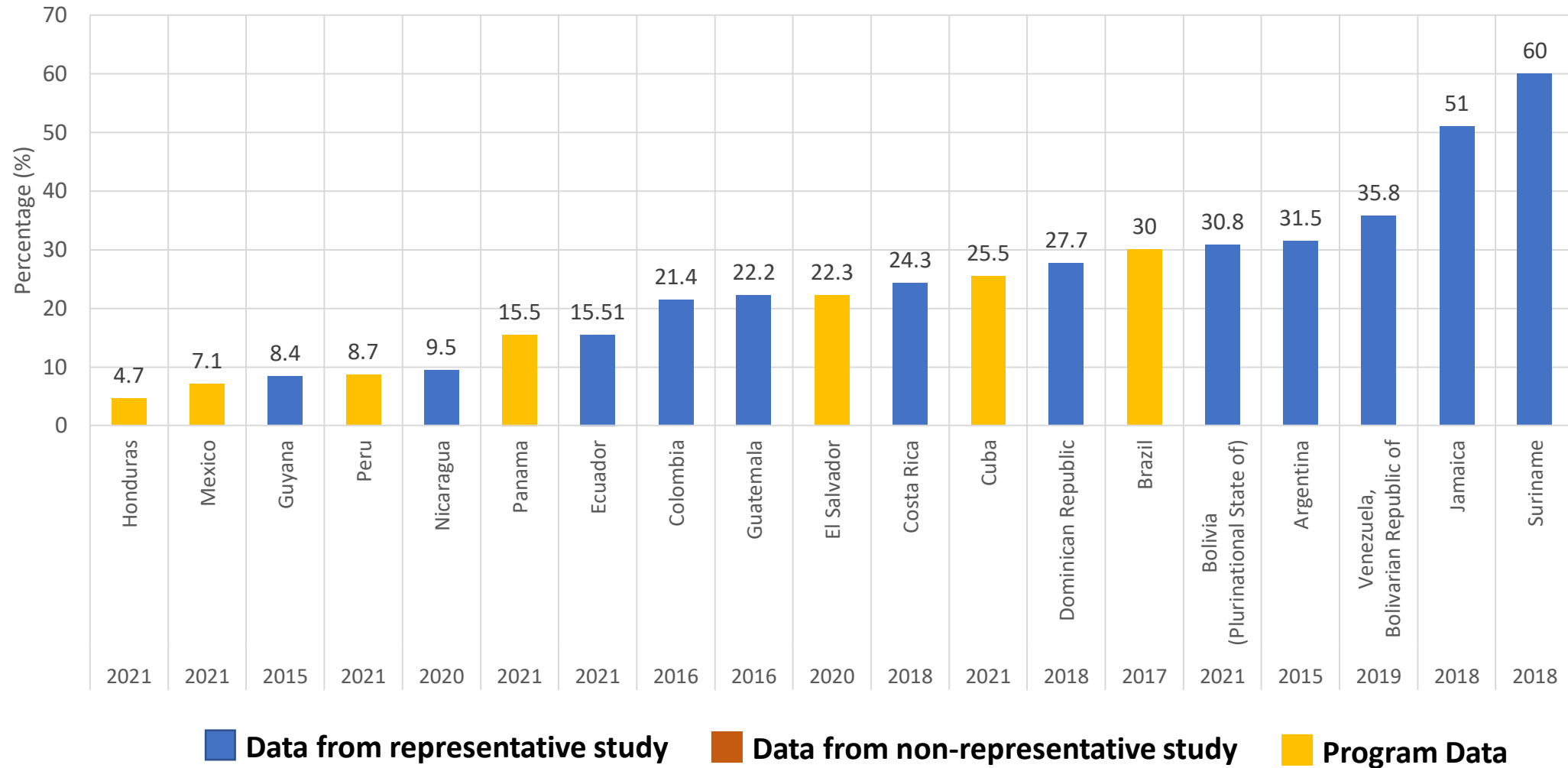
Source: PAHO, 2022. Global AIDS monitoring country responses, 2022.

# Prevalence of HIV infection in MSM, latest reported data, 2016-2021



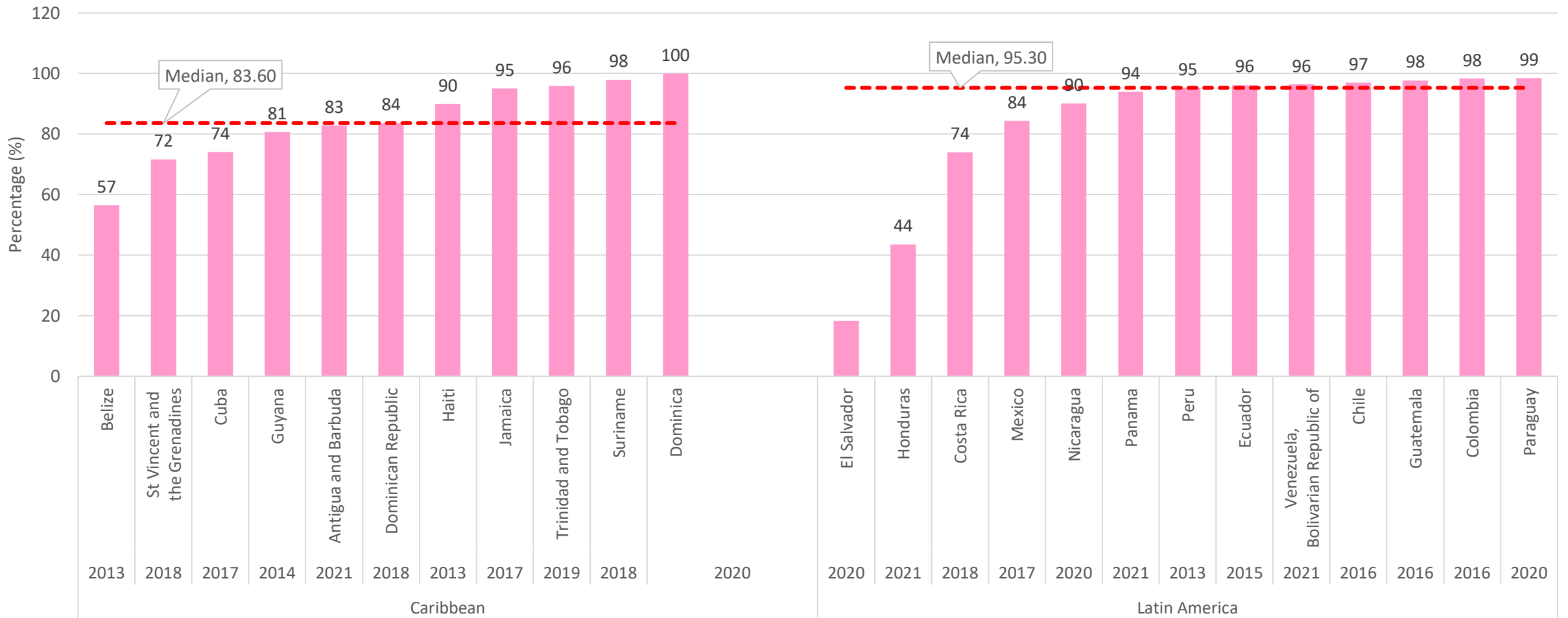
Source: PAHO, 2022. Global AIDS monitoring country responses, 2022.

# Prevalence of HIV infection in transgender women, latest reported data 2015-2021



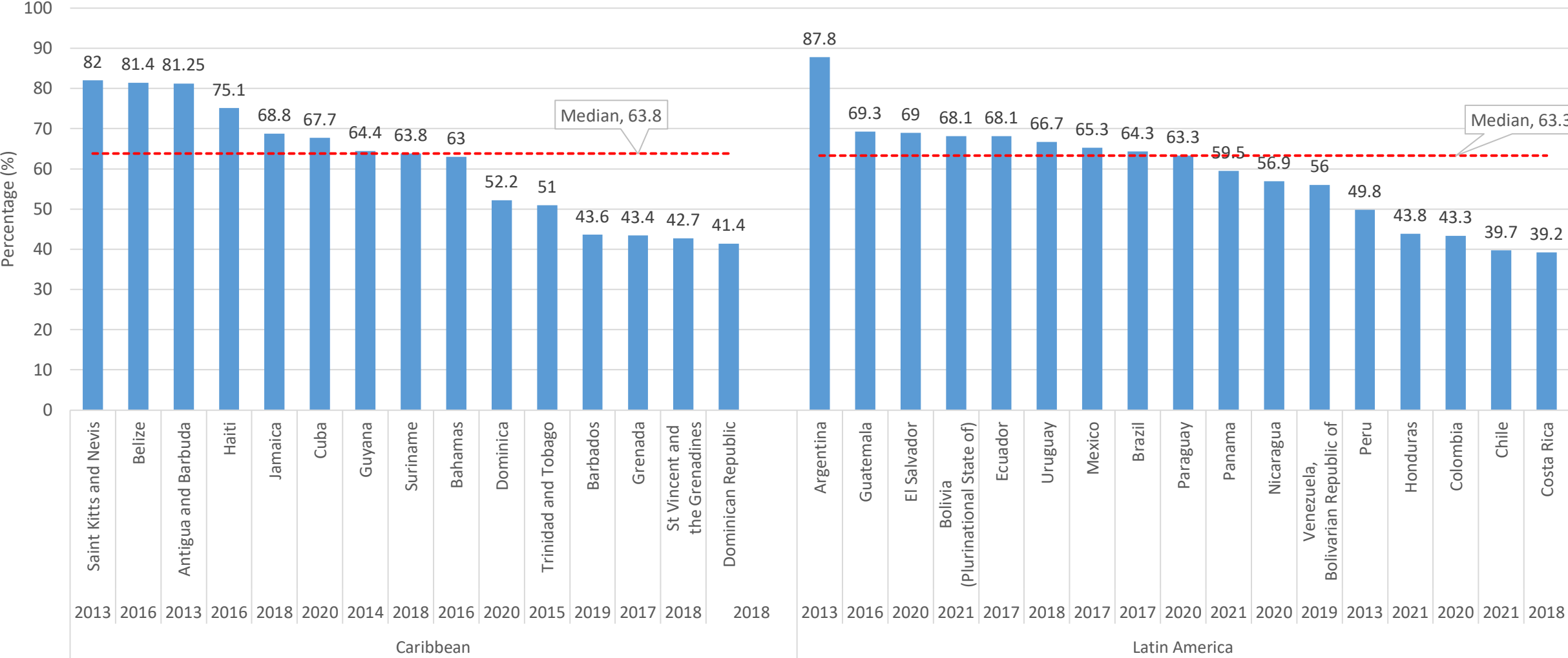
Source: PAHO, 2022. Global AIDS monitoring country responses, 2022.

# Condom use among sex workers in Latin America and the Caribbean, by subregion, latest year available (2011-2021)



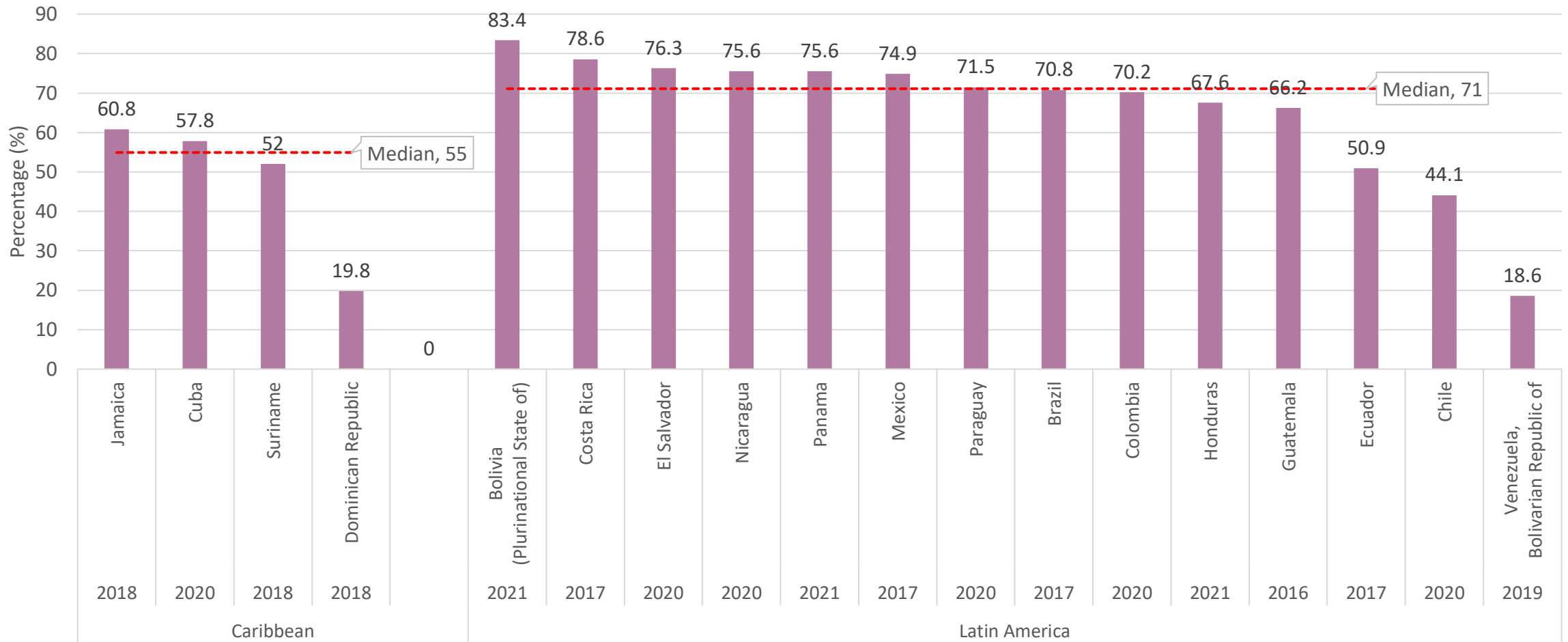
Source: PAHO, 2022. Global AIDS monitoring country responses, 2022.

# Condom use among MSM in Latin America and the Caribbean, by subregion, latest year available (2011-2021)



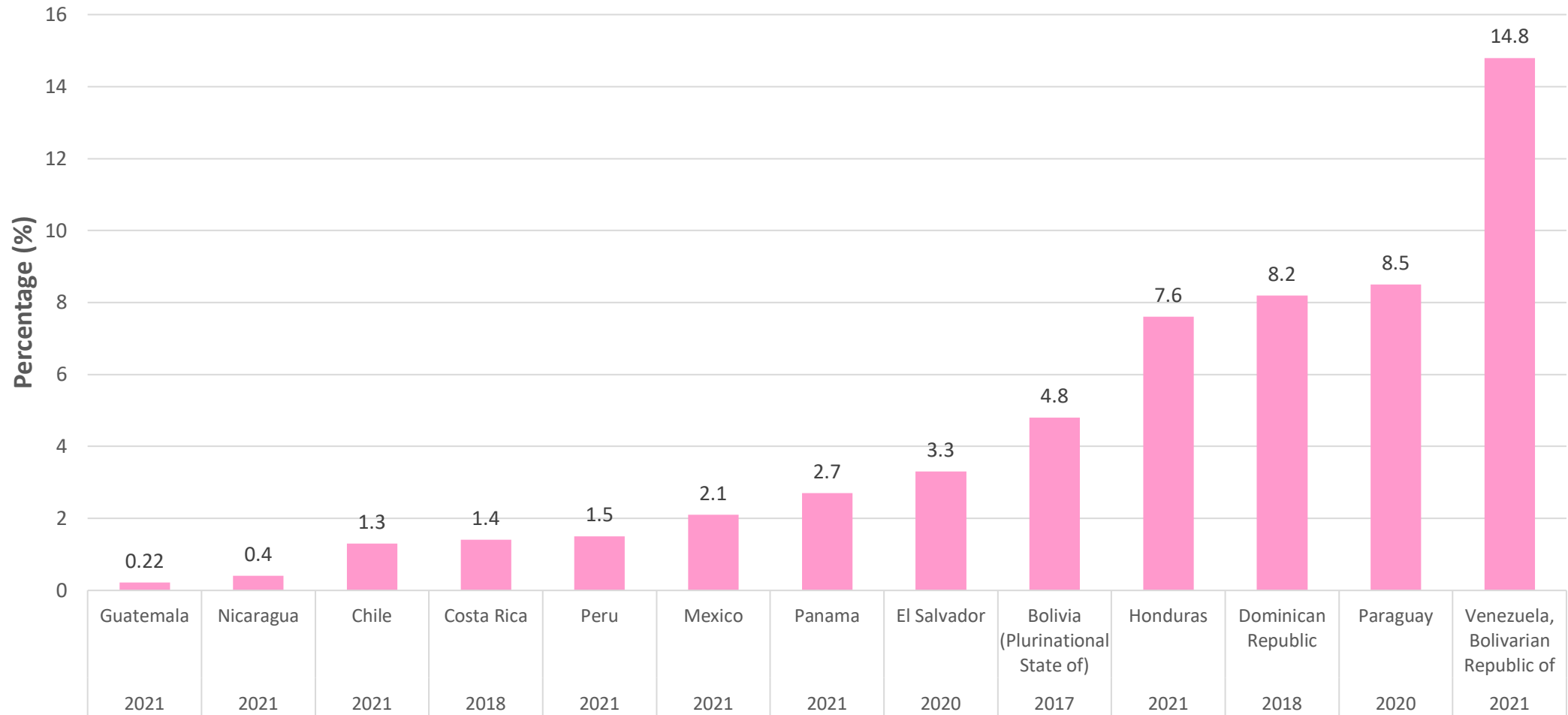
Source: PAHO, 2022. Global AIDS monitoring country responses, 2022.

# Condom use among transgender women Latin America and the Caribbean, by subregion, latest year available (2016-2021)



Source: PAHO, 2022. Global AIDS monitoring country responses, 2022.

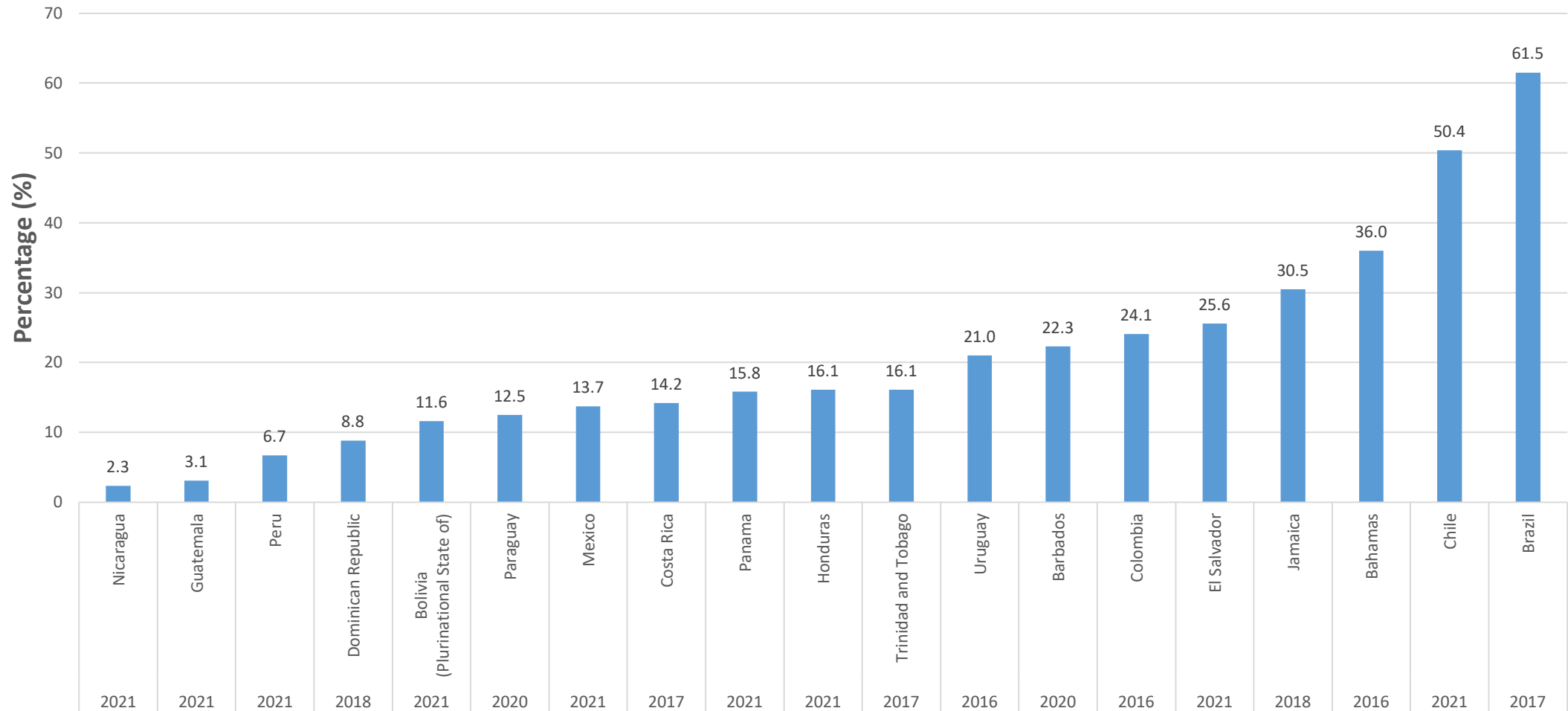
# Active syphilis among female sex workers, latest reported data - 2017-2021



Source: PAHO, 2022. Global AIDS monitoring country responses, 2022.



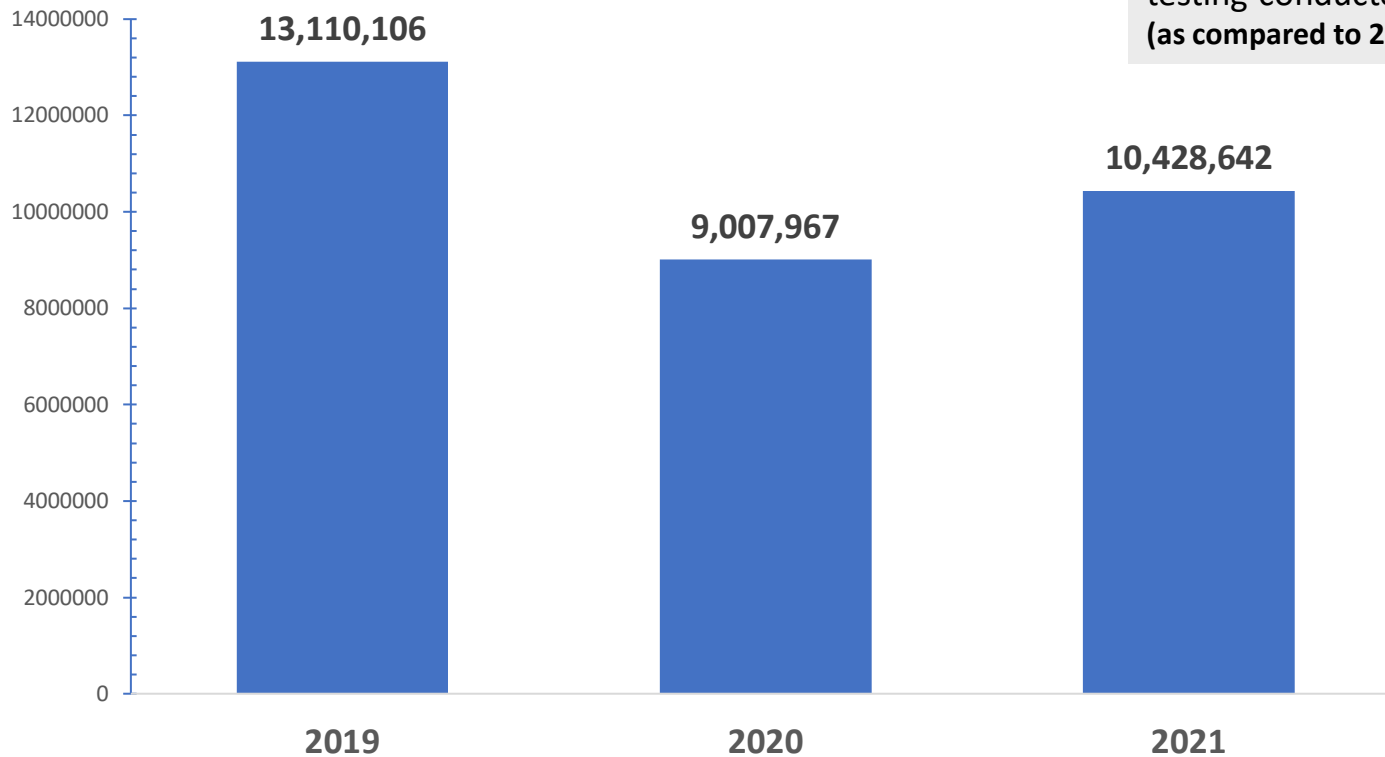
# Active syphilis among MSM, latest reported data -2016-2021



Source: PAHO, 2022. Obtained from Spectrum HIV estimates 2020 and UNAIDS/WHO. Global AIDS monitoring country responses, 2022.

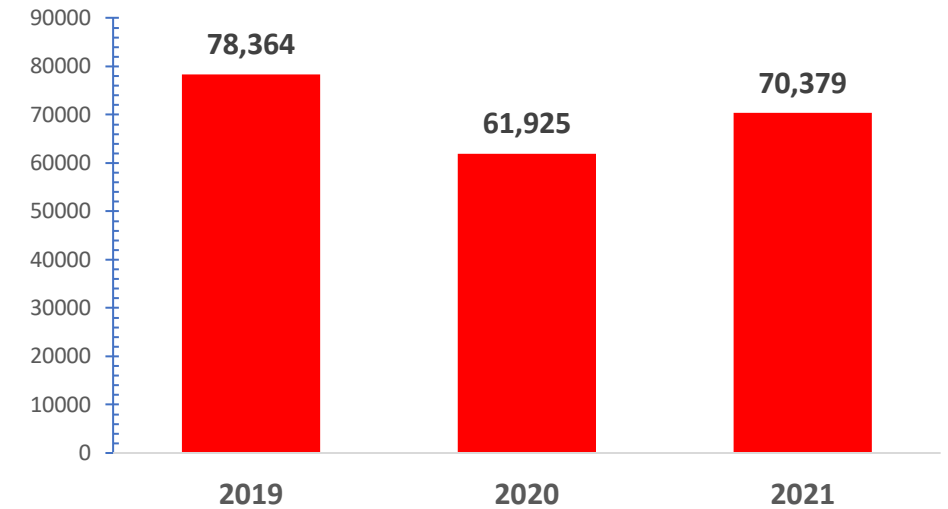
# HIV testing and diagnosis, Latin America and the Caribbean, 2019-2021

Total number of HIV tests conducted



**2021**  
**20% less** of HIV testing conducted (as compared to 2019)

HIV tests with a positive result

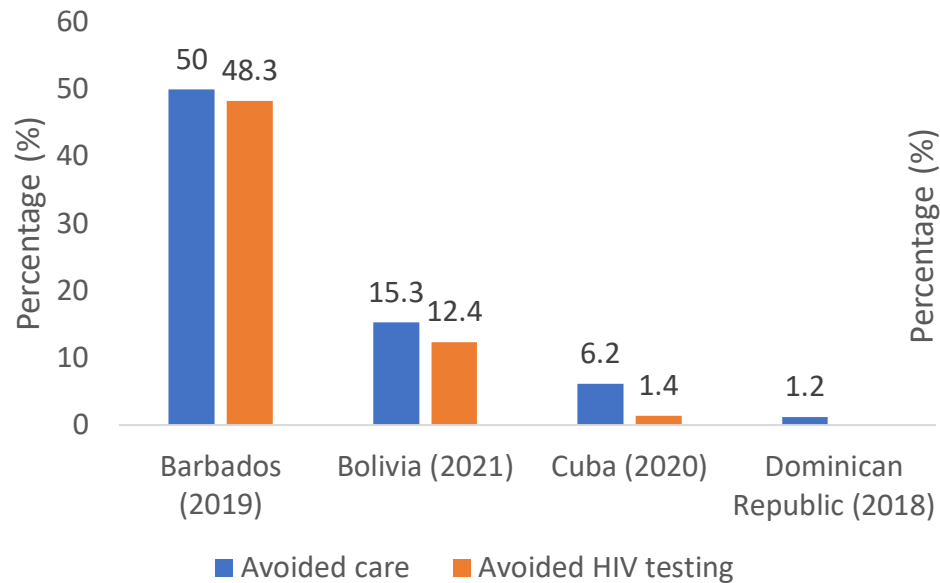


**2021**  
**10% less** in the number of people with a positive result in an HIV test in 2020 (as compared with 2019)

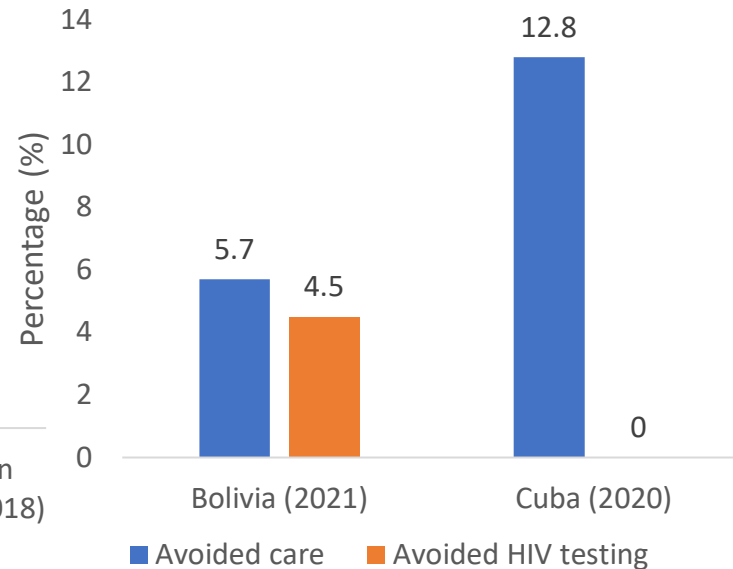
Source: PAHO, 2022. Developed from data country Global AIDS monitoring responses to UNAIDS/WHO, 2021. Data reported from 17 countries

# Stigma and discrimination experienced by key populations in health services

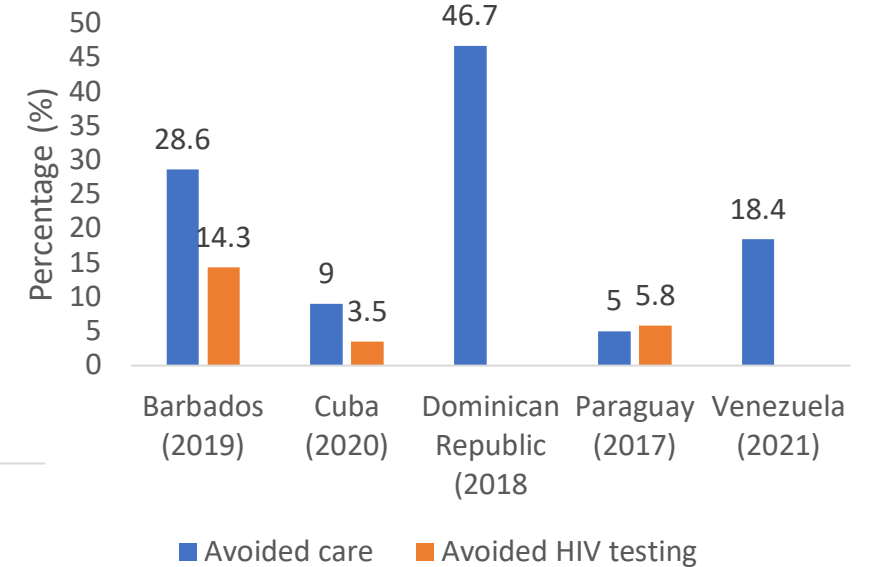
MSM who avoided attending health services in previous 12 months



Transgender who avoided attending health services in previous 12 months

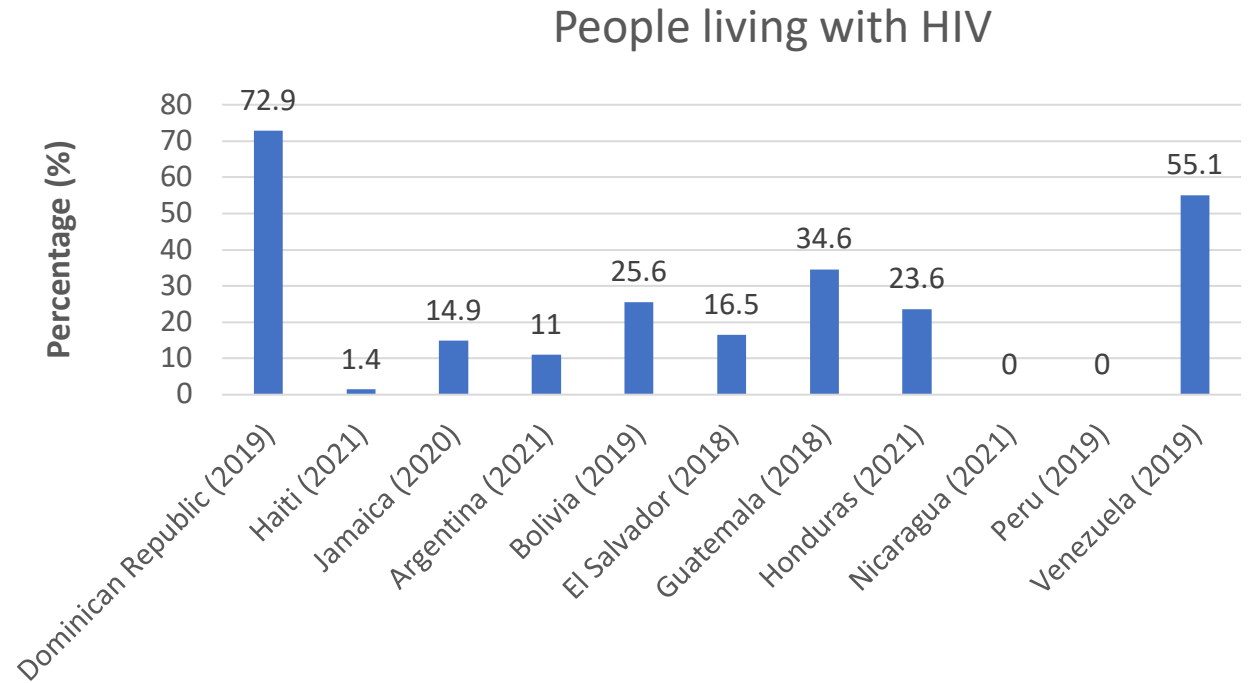
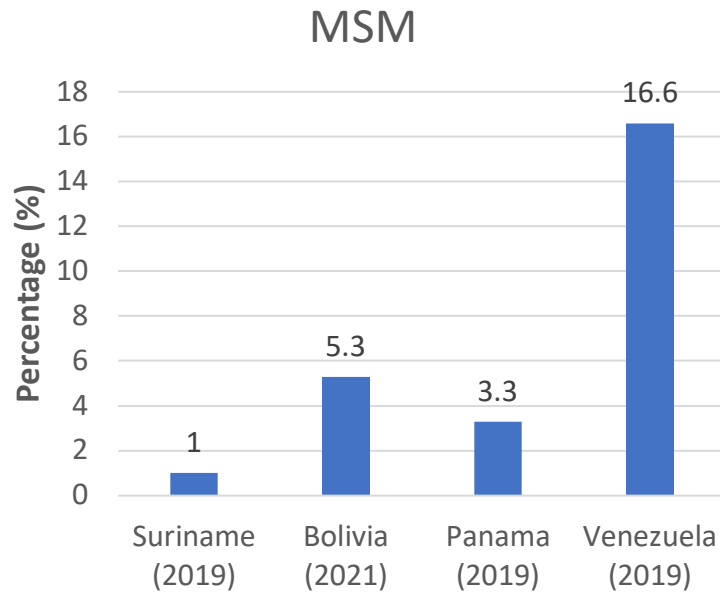


Sex workers who avoided attending health services in previous 12 months



Source: PAHO, 2022. Global AIDS monitoring country responses, 2022.

# Percentage of key population people who report being denied health services in the past 12 months



Source: PAHO, 2022. Global AIDS monitoring country responses, 2022.