

PAHO



Pan American
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REGIONAL OFFICE FOR THE
Americas

HIV epidemic and response in Latin America and the Caribbean

November 2021

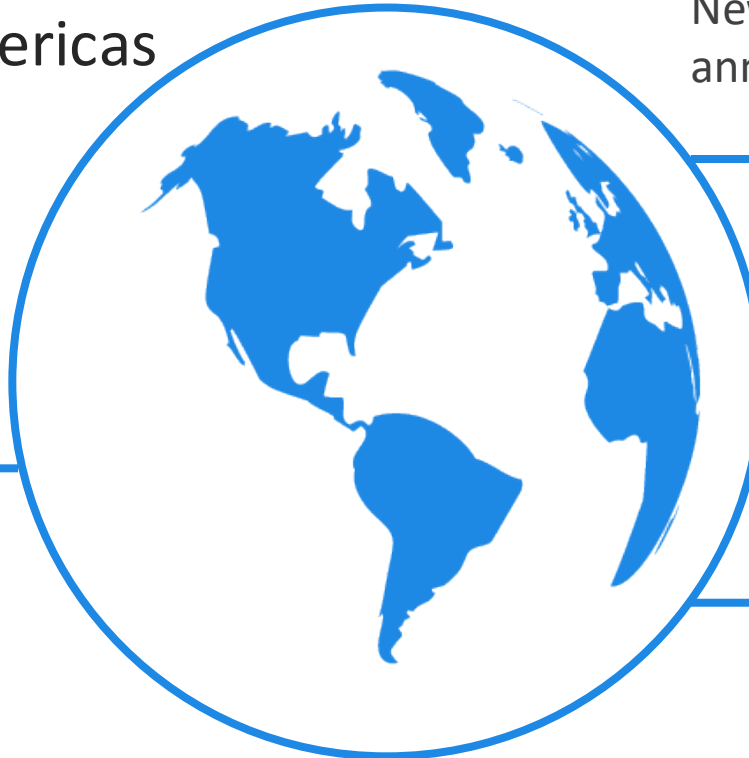


Summary of HIV epidemic in the Americas, 2020

WHO Region of the Americas

3.7 million

People living with HIV



- 6%

New infections annually, relative to 2010



- 30%

Deaths annually relative to 2010



Source: UNAIDS/WHO estimates

New HIV infections and AIDS-related deaths 2010-2020

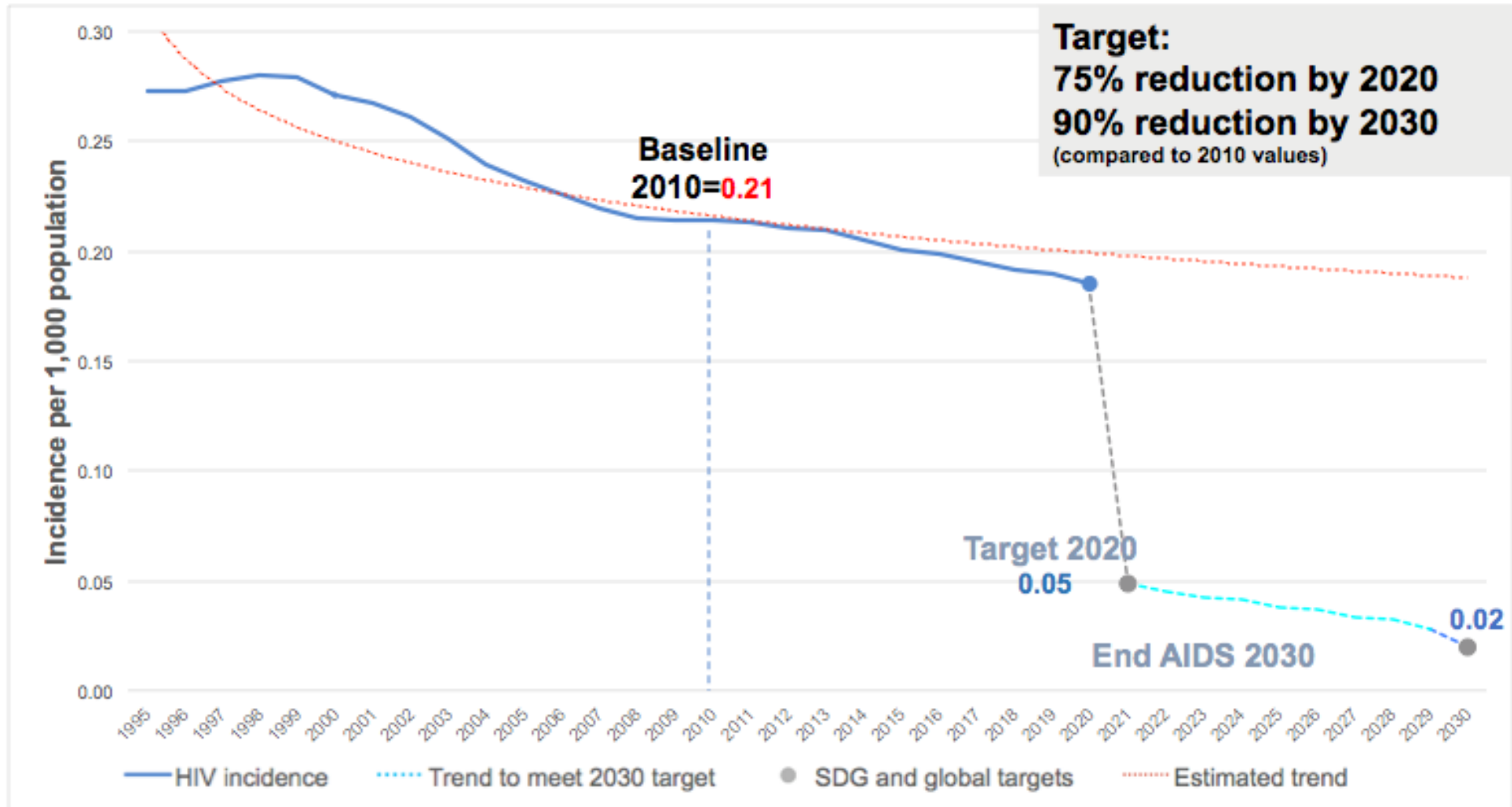
New HIV Infections

Region	Baseline 2010	2020	Percent difference with baseline (2019-2010)
Caribbean	18 000	13 000	-28.4%
Latin America	110 000	100 000	-0,4%
Latin America and the Caribbean	120 000	120 000	-4,5%
Region of the Americas	170 000	150 000	-6,4%

AIDS Deaths

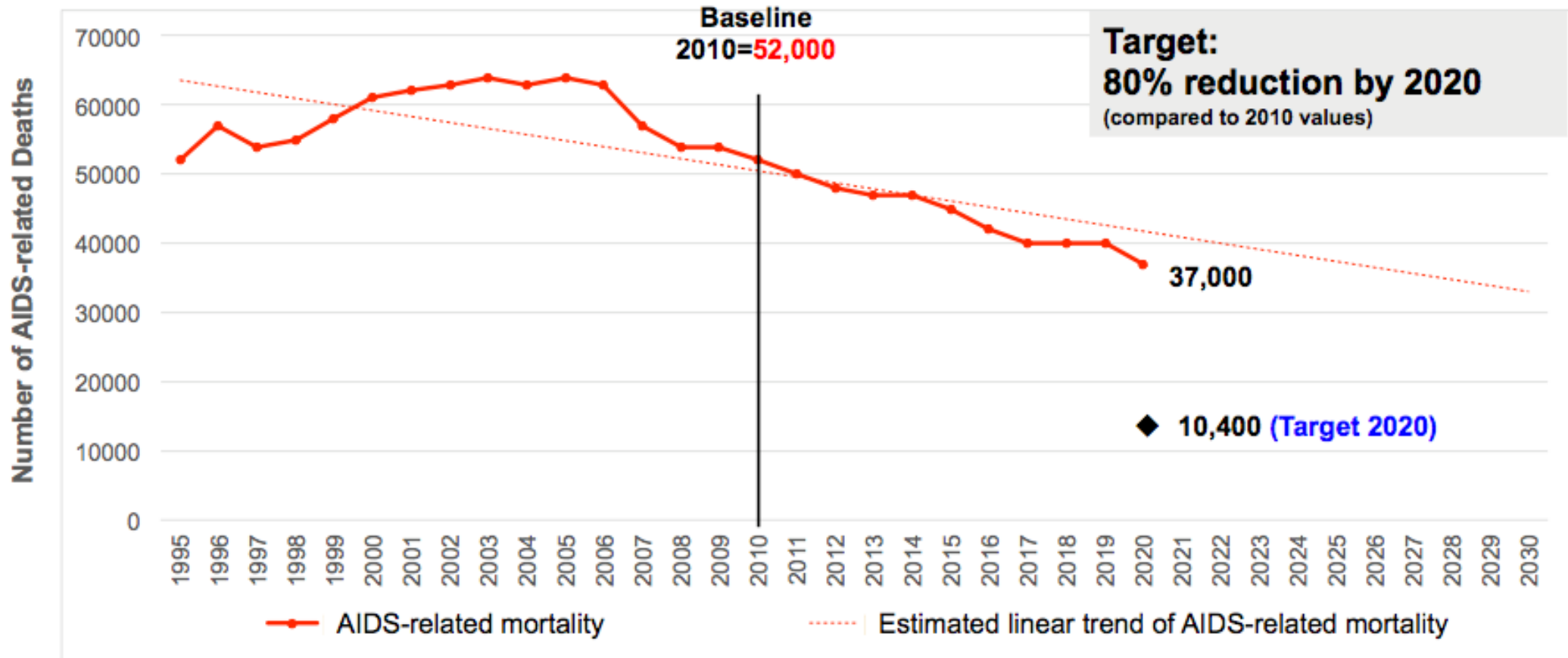
Region	Baseline 2010	2020	Percent difference with baseline (2019-2010)
Caribbean	12 000	6 000	-50,1%
Latin America	40 000	31 000	-21,9%
Latin America and the Caribbean	52 000	37 000	-27,1%
Region of the Americas	65 000	45 000	-30,3%

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



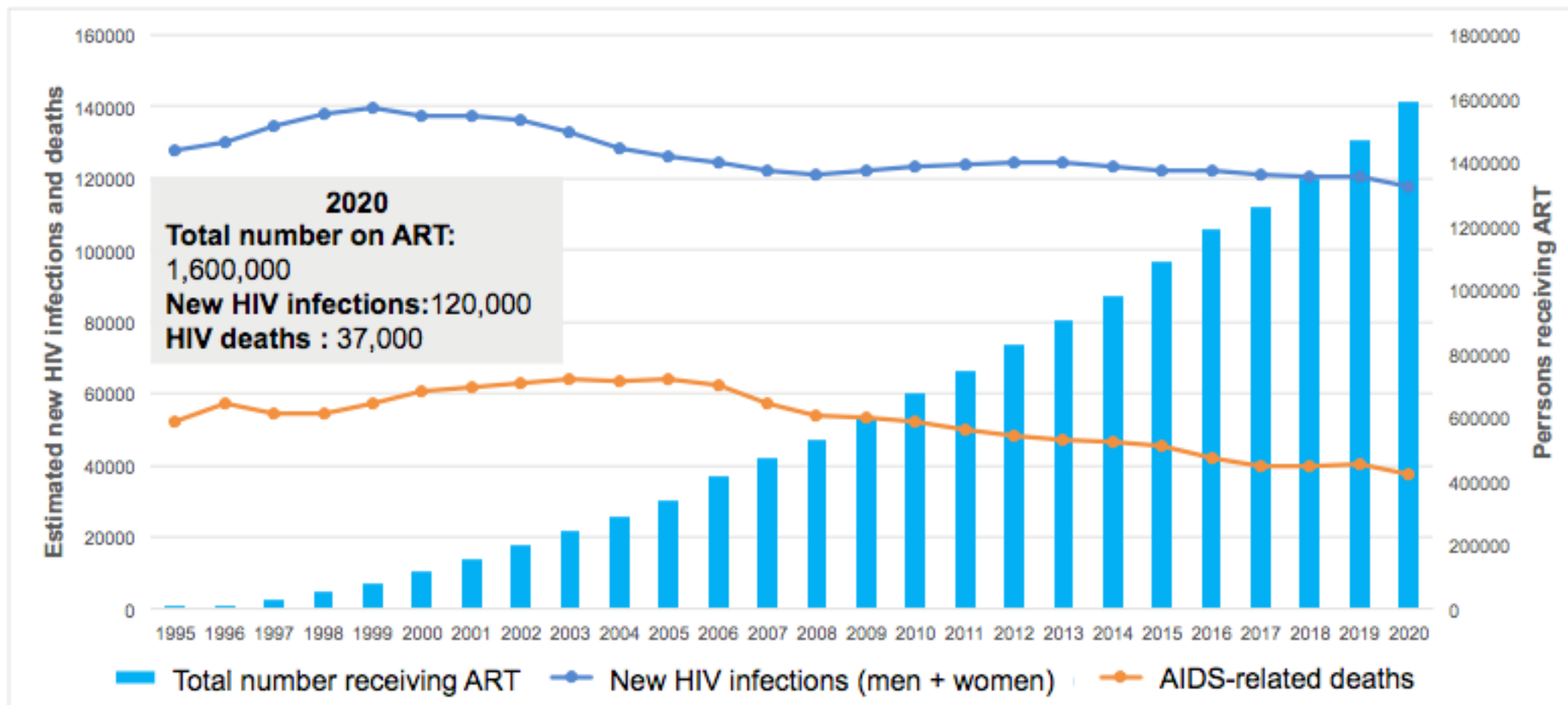
Source: PAHO, 2021. Developed from UNAIDS Spectrum HIV estimates 2021.

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



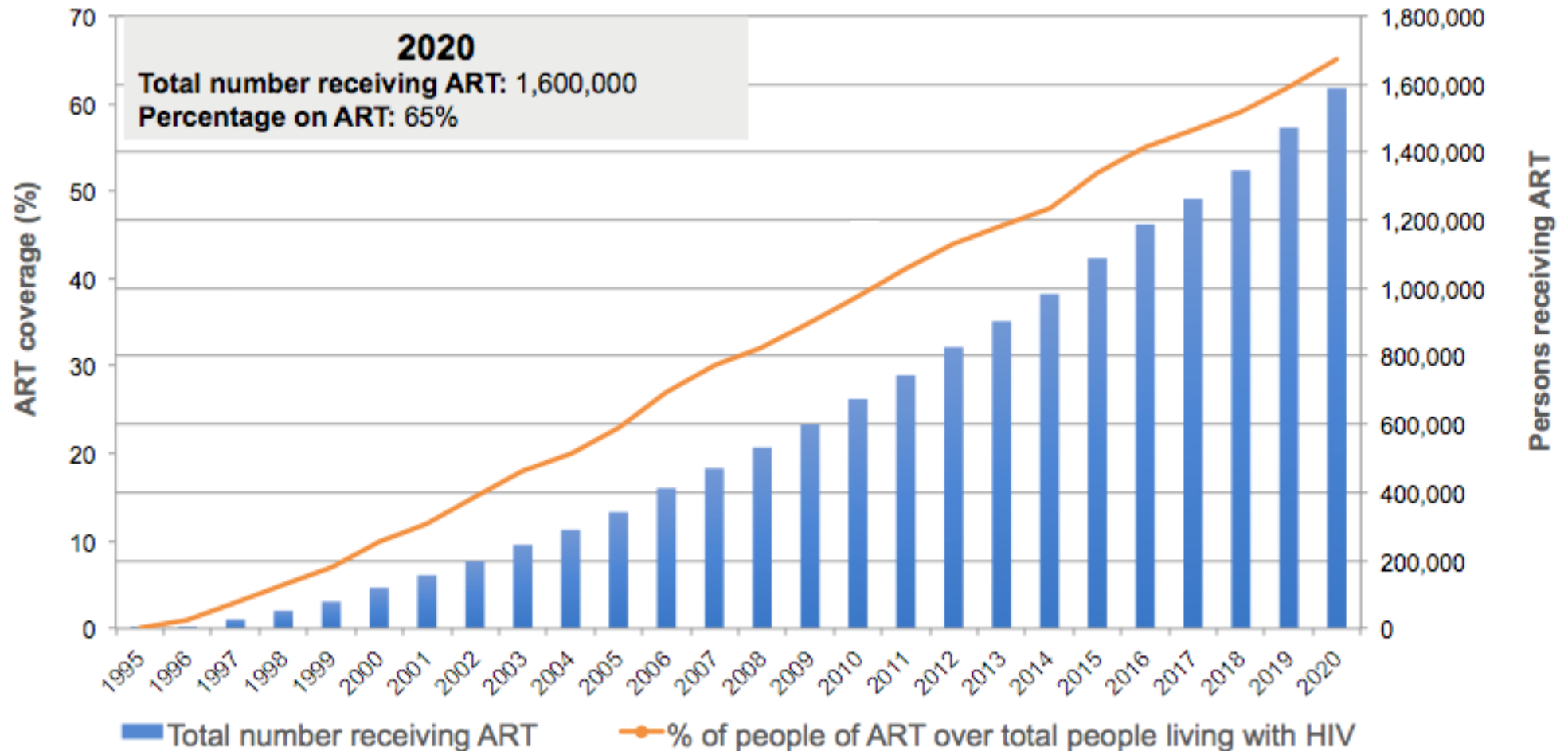
Source: PAHO, 2021. Developed from UNAIDS Spectrum HIV estimates 2021.

New HIV infections, deaths and persons living with HIV receiving ART in Latin America and the Caribbean, 1995-2020



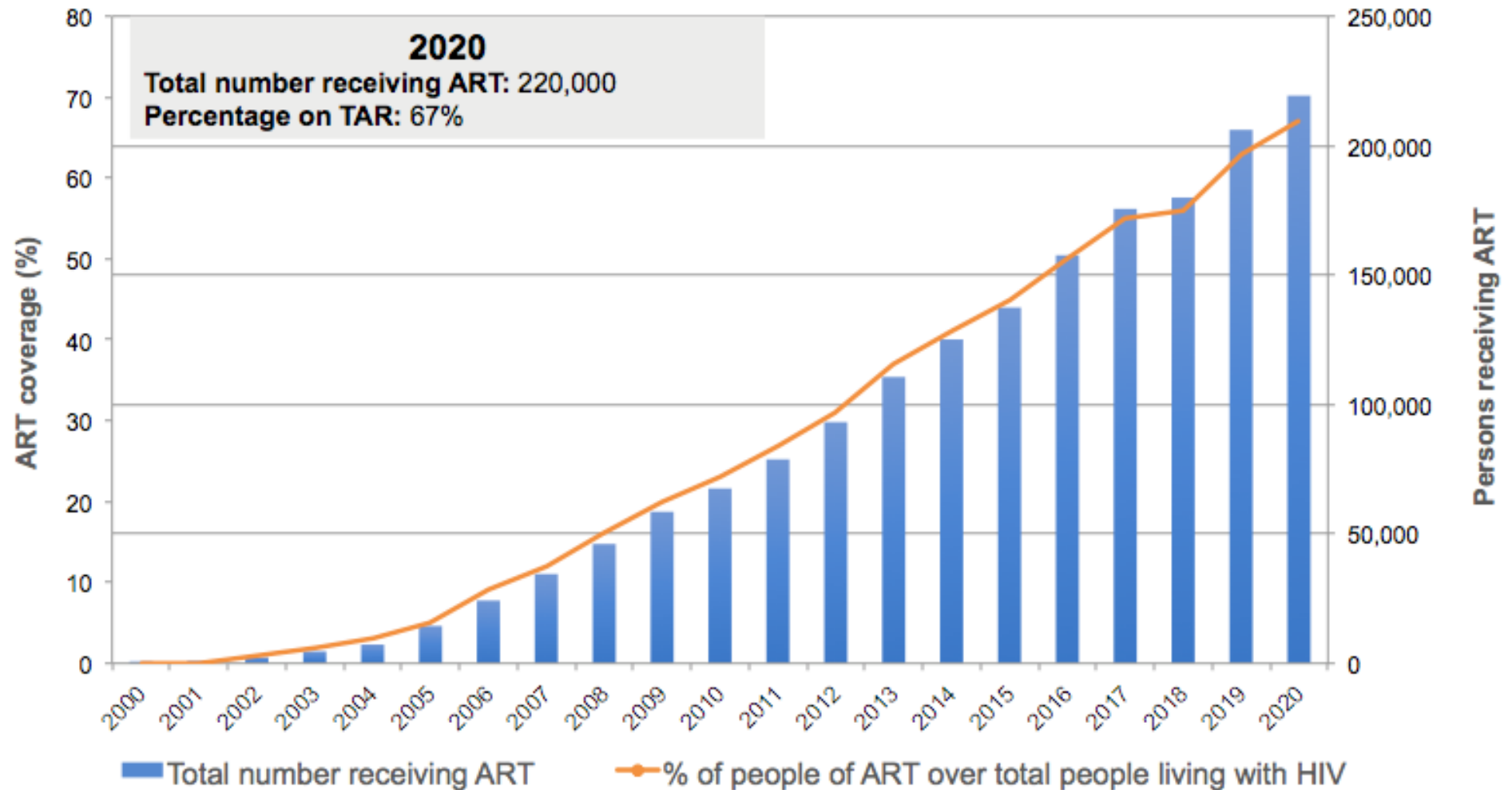
Source: PAHO, 2021. Based on the following data: UNAIDS. Spectrum HIV estimates 2020 and WHO/UNAIDS. GARPR and GAM country reports 2000-2020.

Antiretroviral treatment coverage in Latin America and the Caribbean, 1995-2020



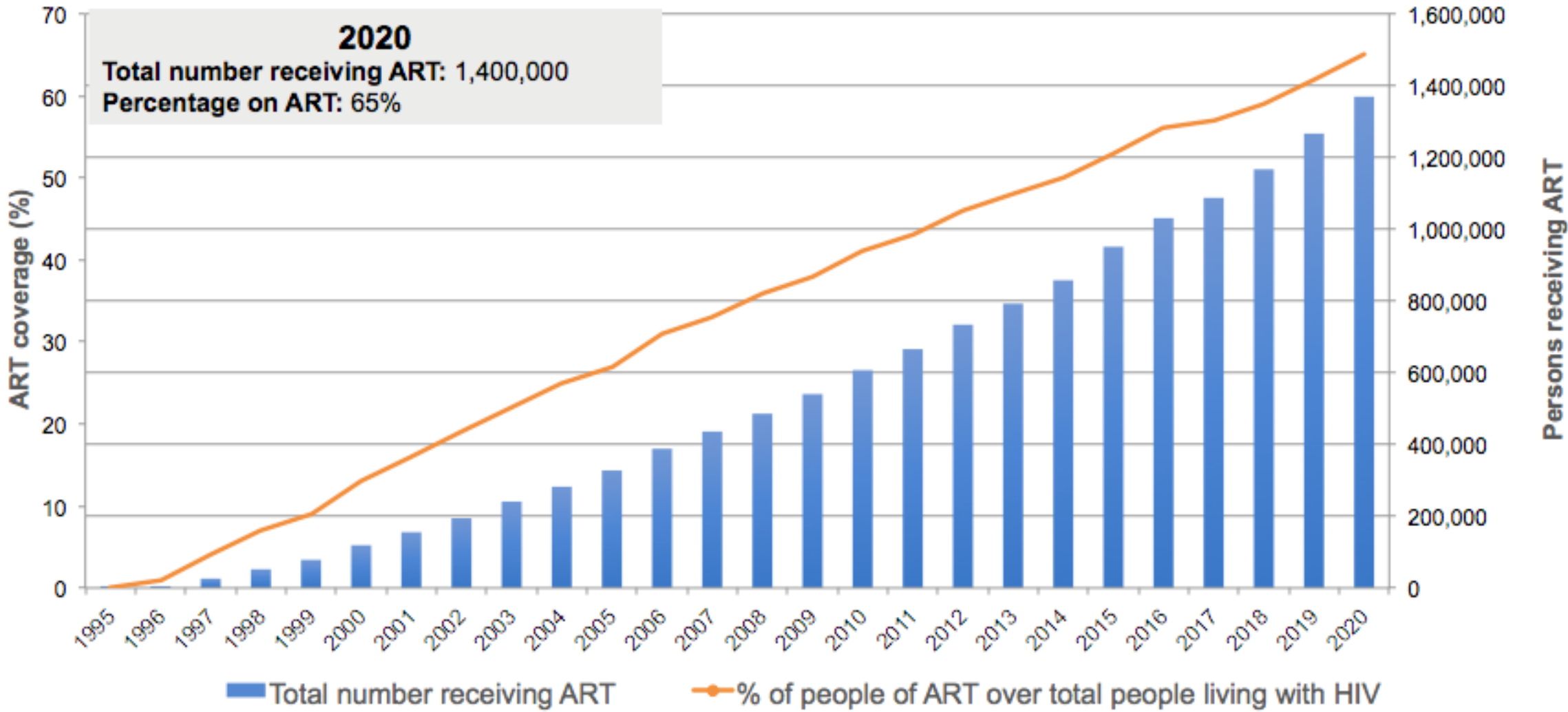
Source: PAHO, 2021. Based on the following data: UNAIDS. Spectrum HIV estimates 2020 and WHO/UNAIDS. GARPR and GAM country reports 2000-2020.

Antiretroviral treatment coverage in the Caribbean, 2000-2020



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

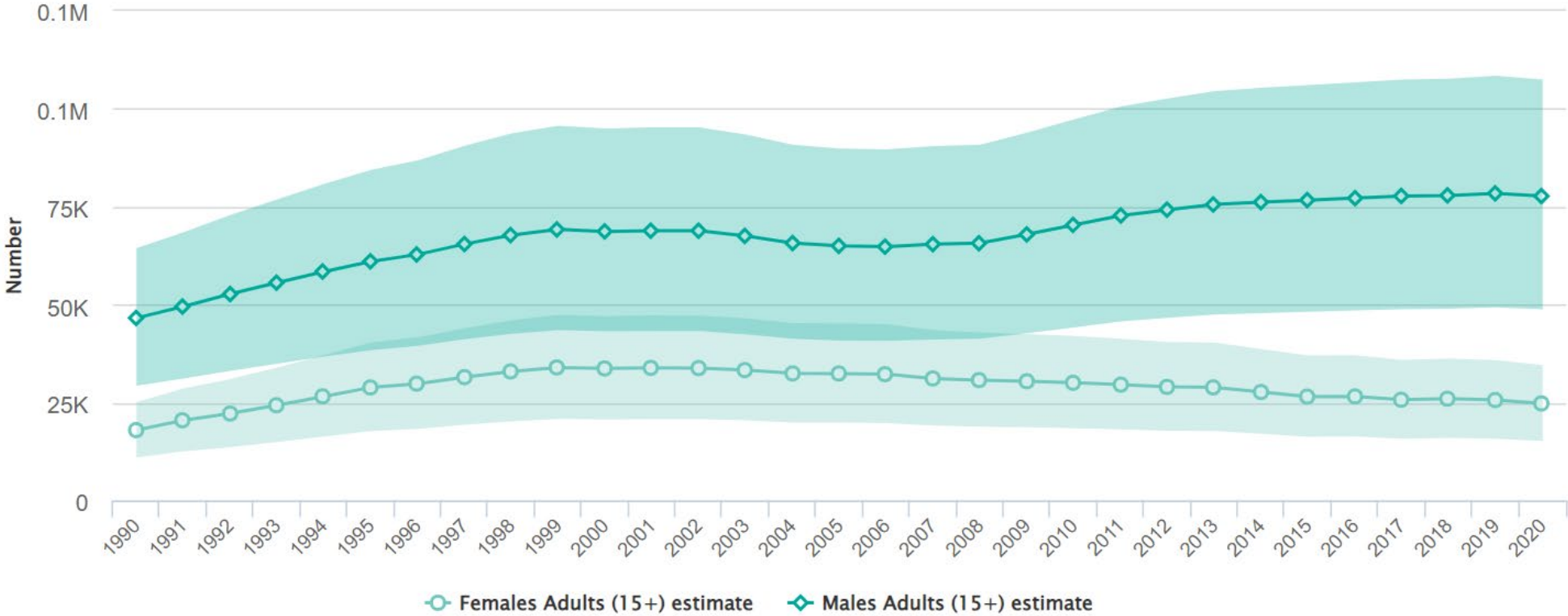
Antiretroviral treatment coverage in Latin America, 1995-2020



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

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

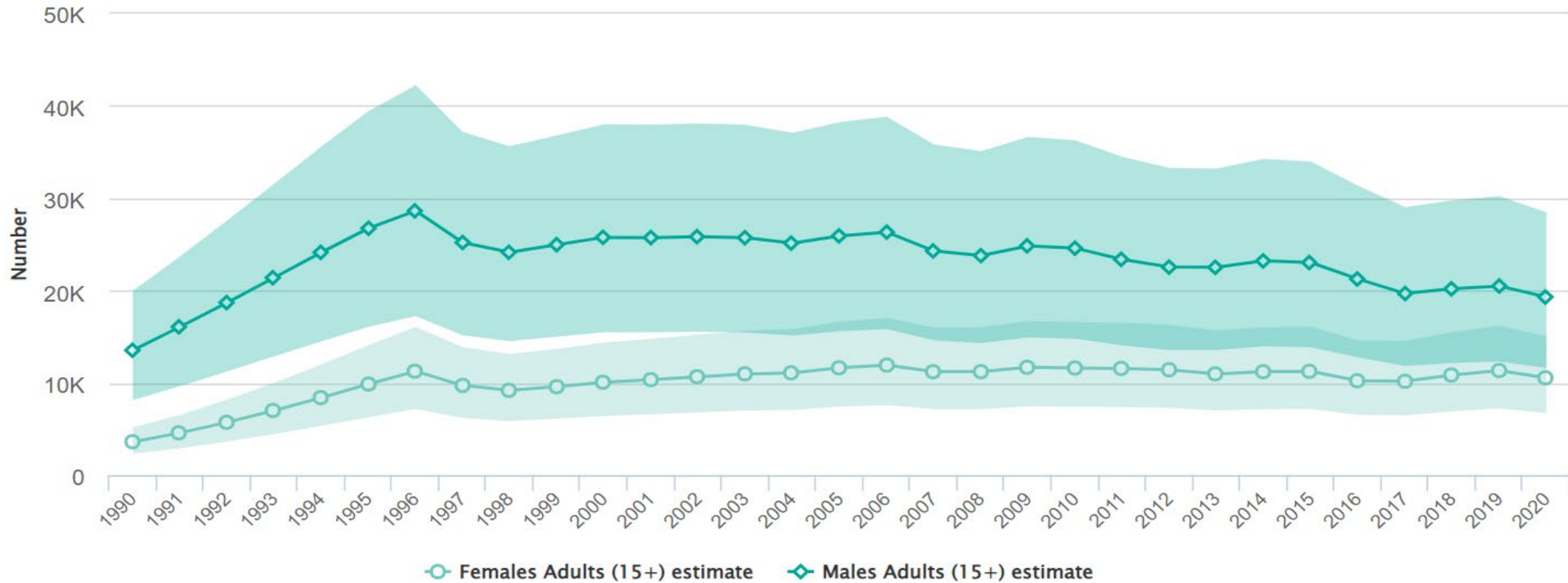
New HIV Infections among adults (15+) - by sex



Source: UNAIDS epidemiological estimates, 2021

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

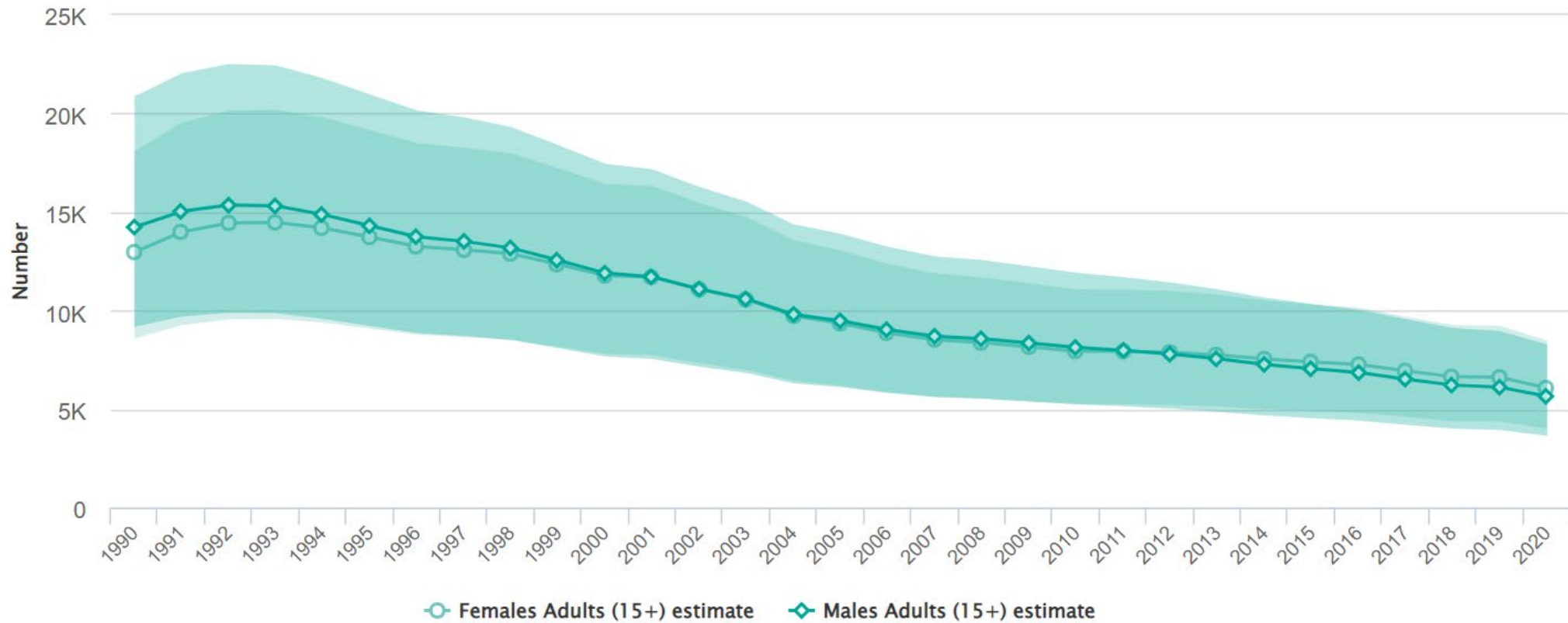
AIDS-related deaths among adults (15+) - by sex



Source: UNAIDS epidemiological estimates, 2021

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

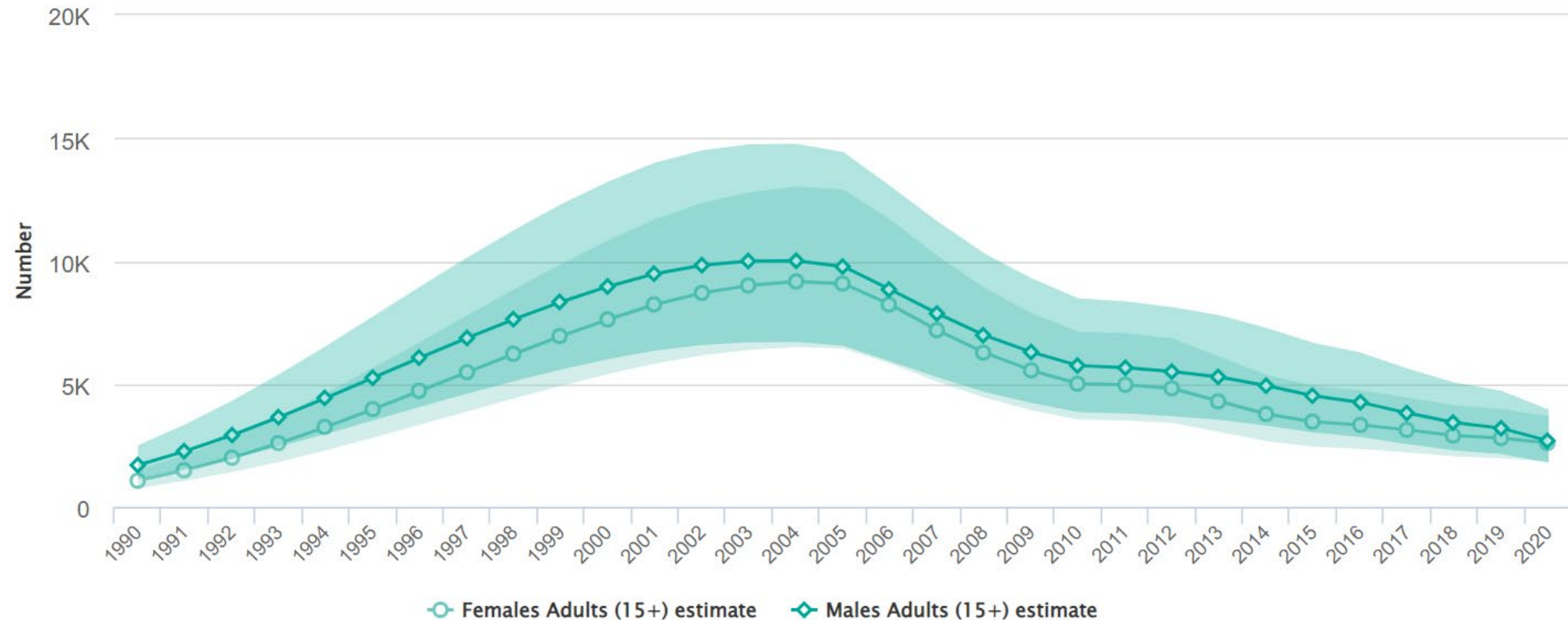
New HIV Infections among adults (15+) - by sex



Source: UNAIDS epidemiological estimates, 2021

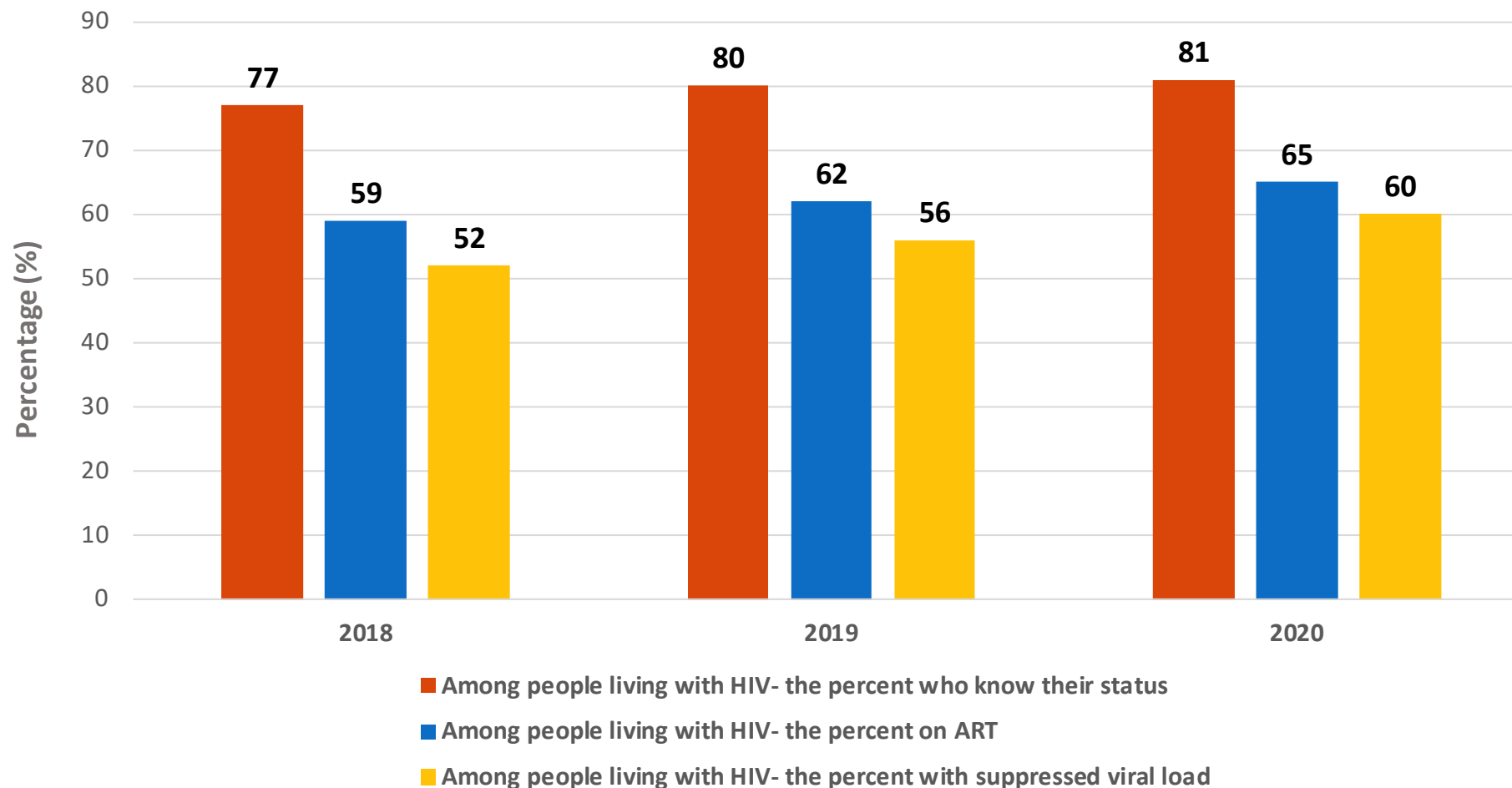
AIDS related deaths among adults in The Caribbean (15+) by sex

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



Source: UNAIDS epidemiological estimates, 2021

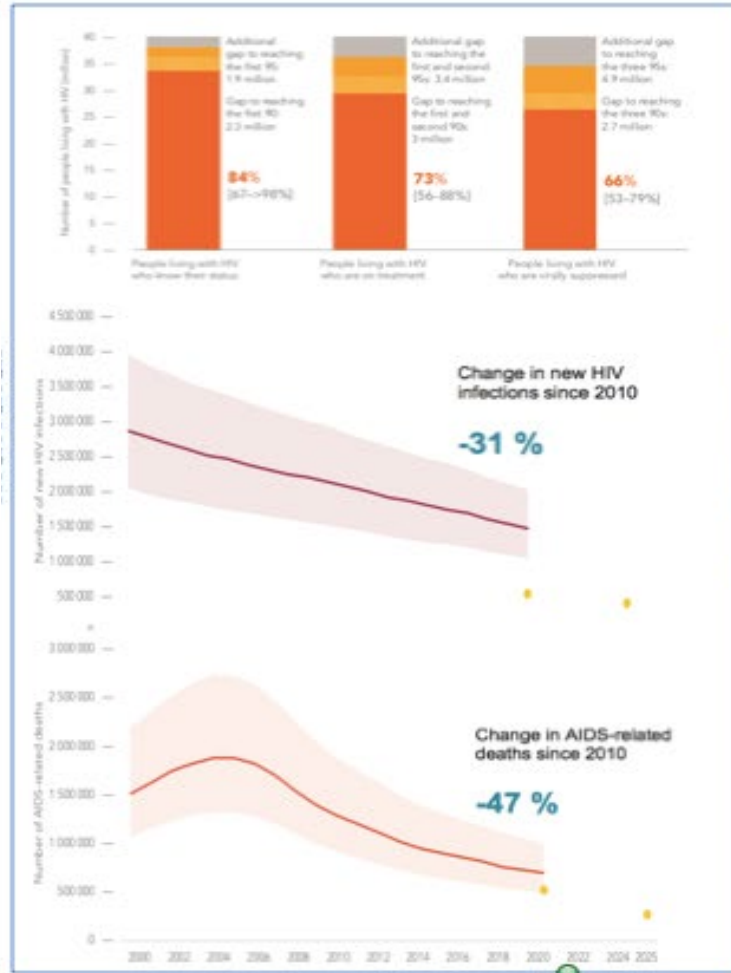
HIV cascade of care in Latin America and the Caribbean, 2018-2020



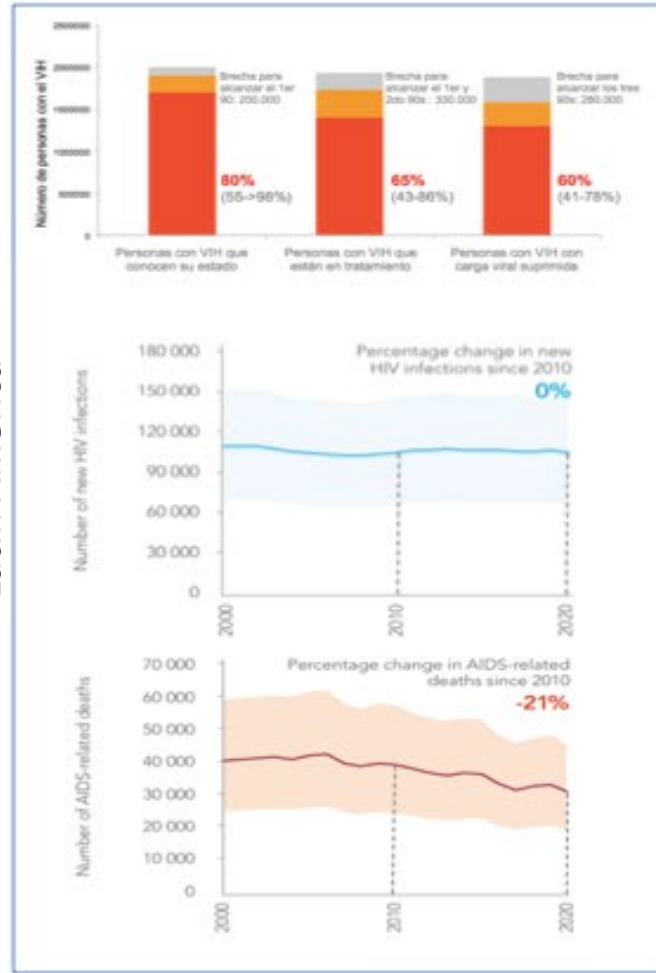
Source: PAHO 2021. Based on the following data: UNAIDS/WHO. Spectrum estimates HIV 2020. Country reports GAPR and GAM 2000-2020.

Progress towards AIDS elimination by 2030 at global level, Latin America and the Caribbean, 2020

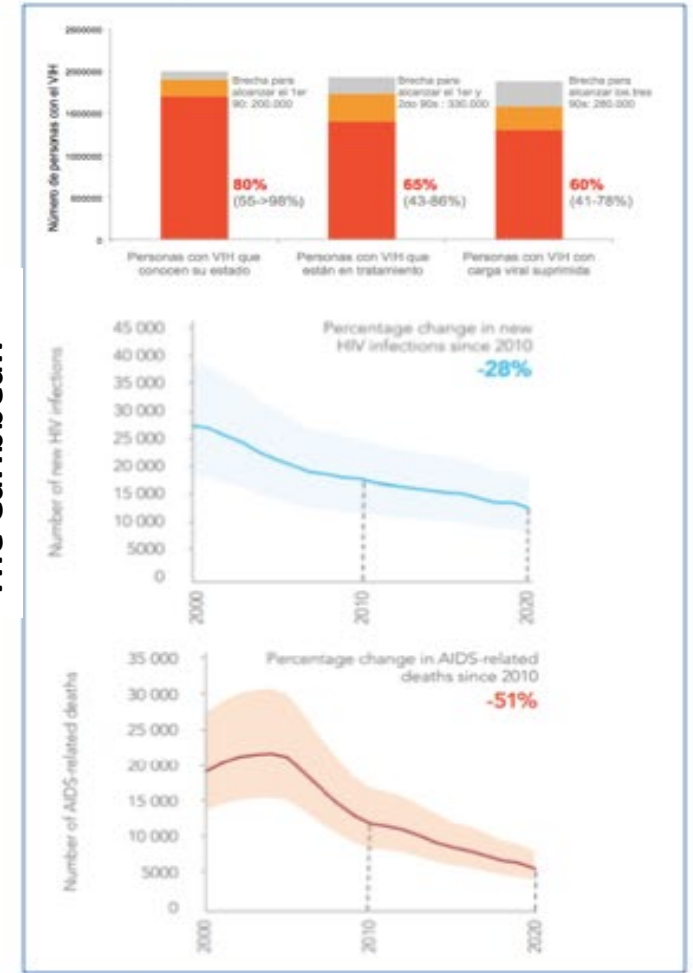
Global



Latin America

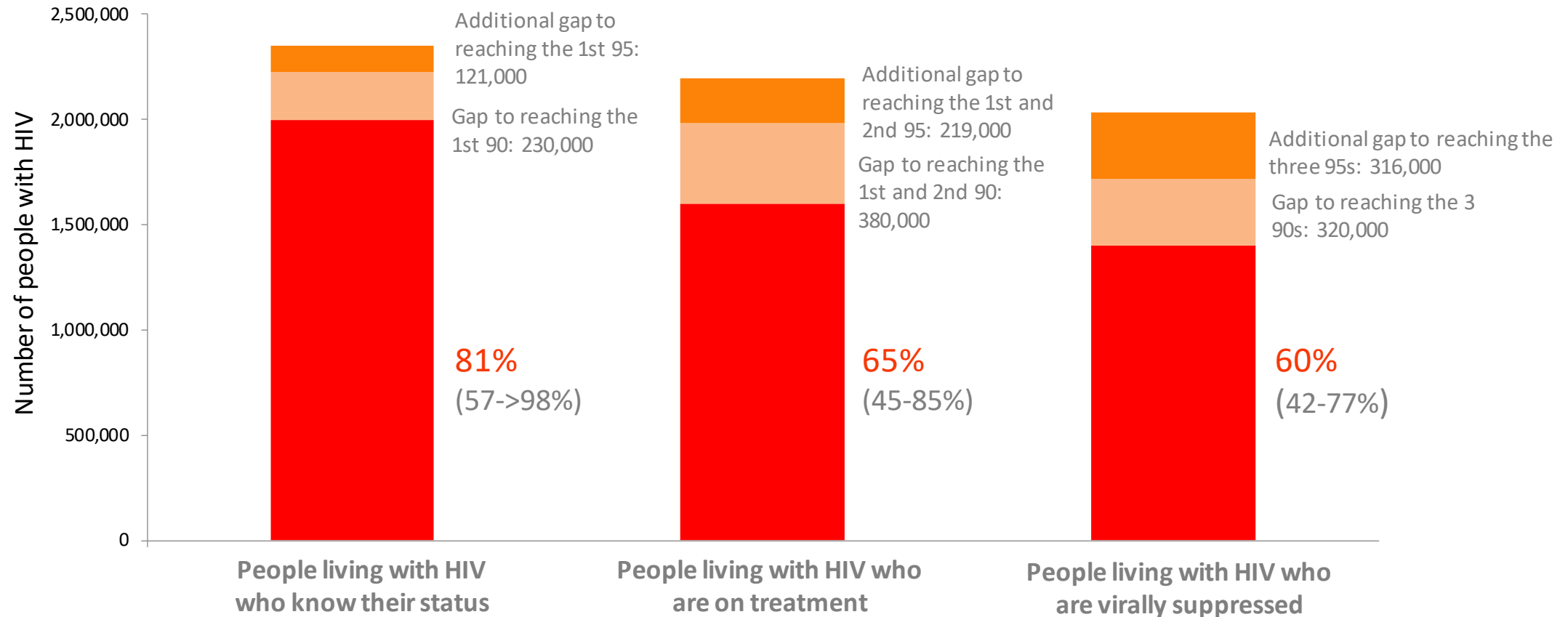


The Caribbean



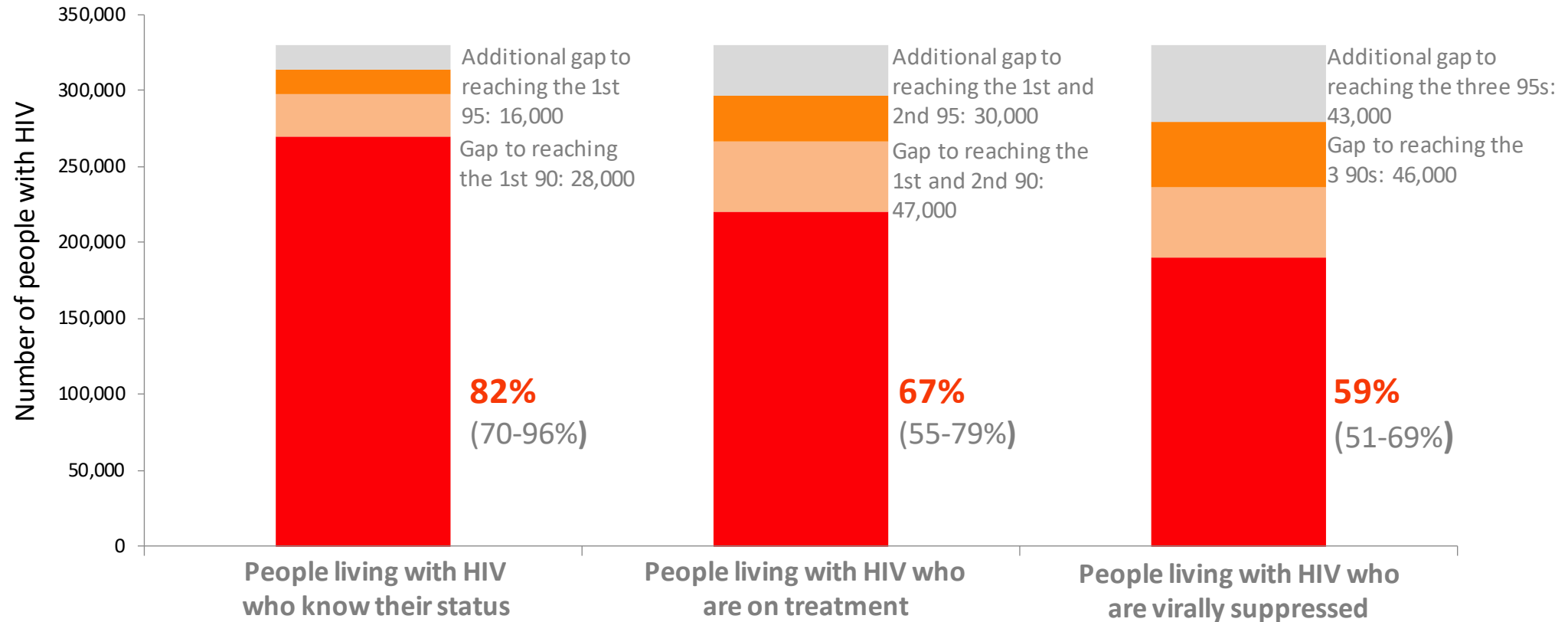
Source: PAHO 2021. UNAIDS epidemiological estimations, 2021 (see <https://aidsinfo.unaids.org/>).

Latin America and the Caribbean 2020 situation with regards to 90-90-90 targets



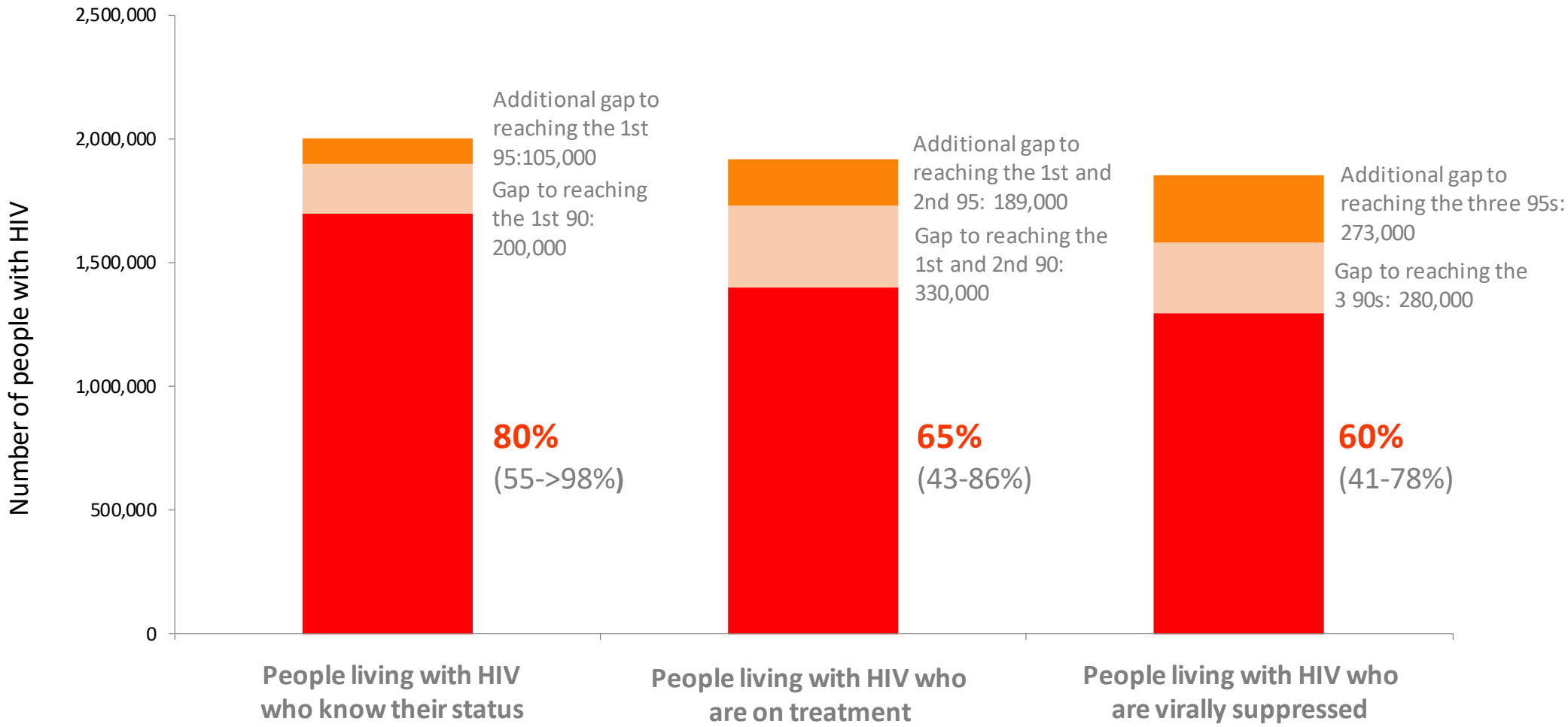
Source: PAHO 2021. UNAIDS epidemiological estimations, 2021 (see <https://aidsinfo.unaids.org/>).

The Caribbean 2020 situation with regards to 90-90-90 targets



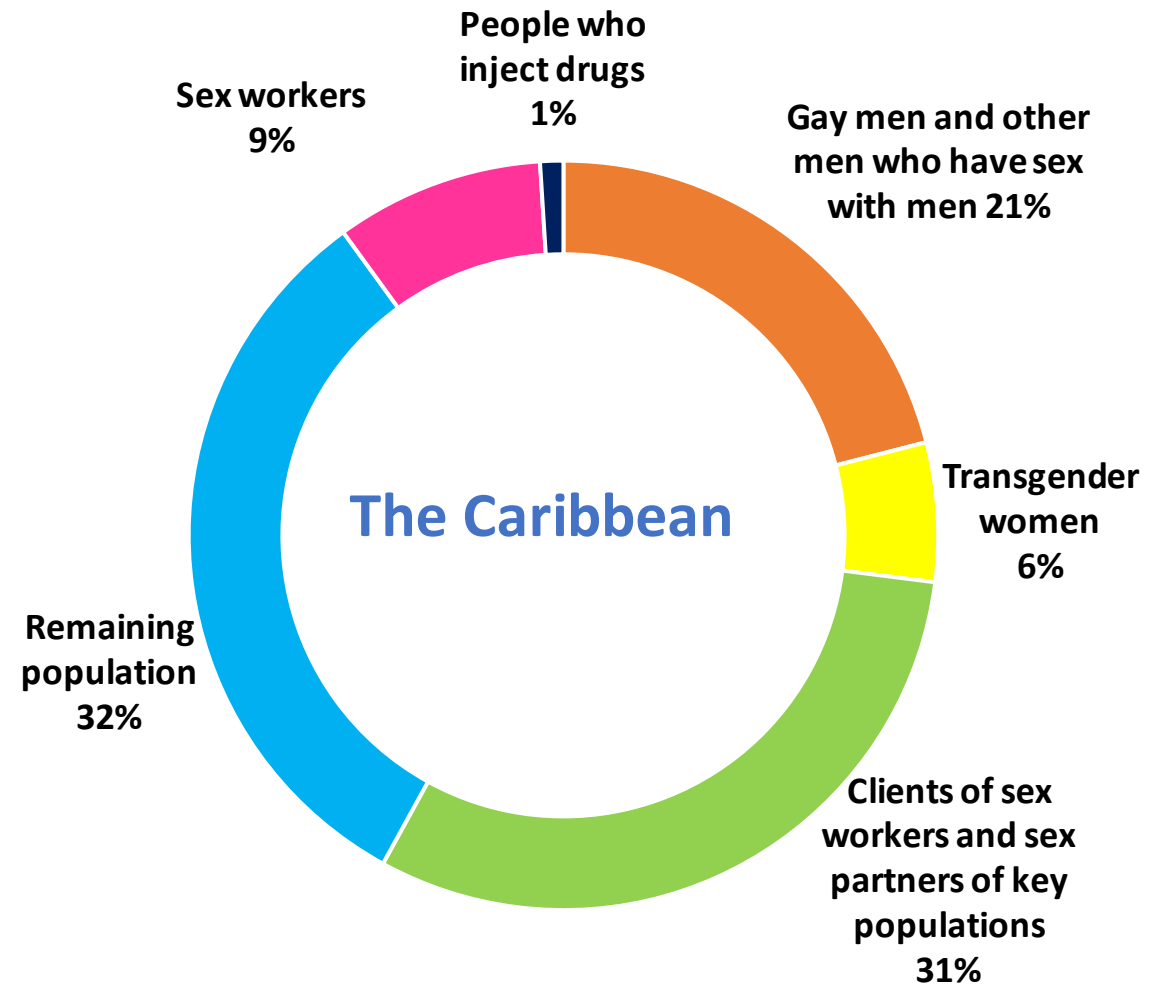
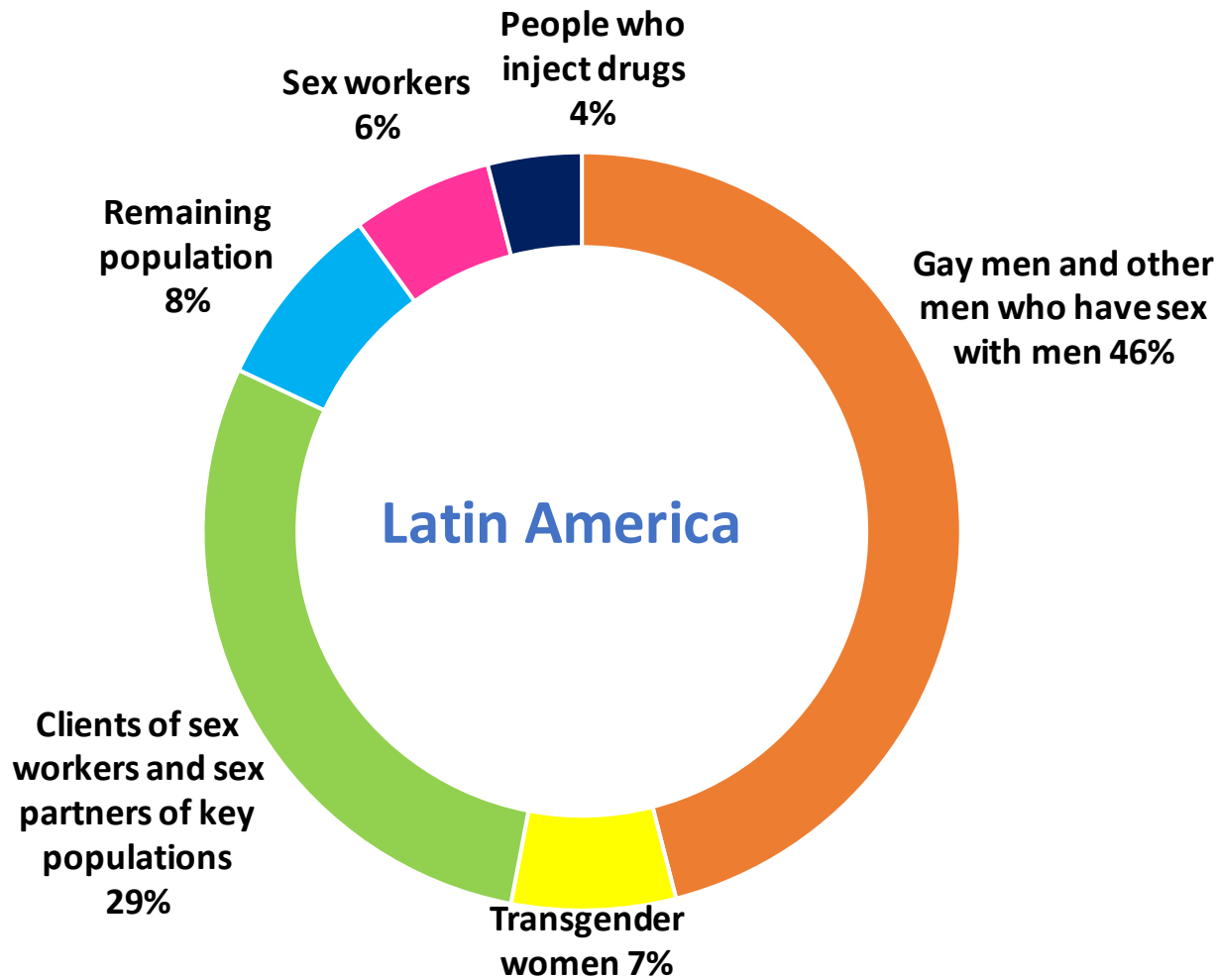
Source: PAHO 2021. UNAIDS epidemiological estimations, 2021 (see <https://aidsinfo.unaids.org/>).

Latin America 2020 situation with regards to 90-90-90 targets



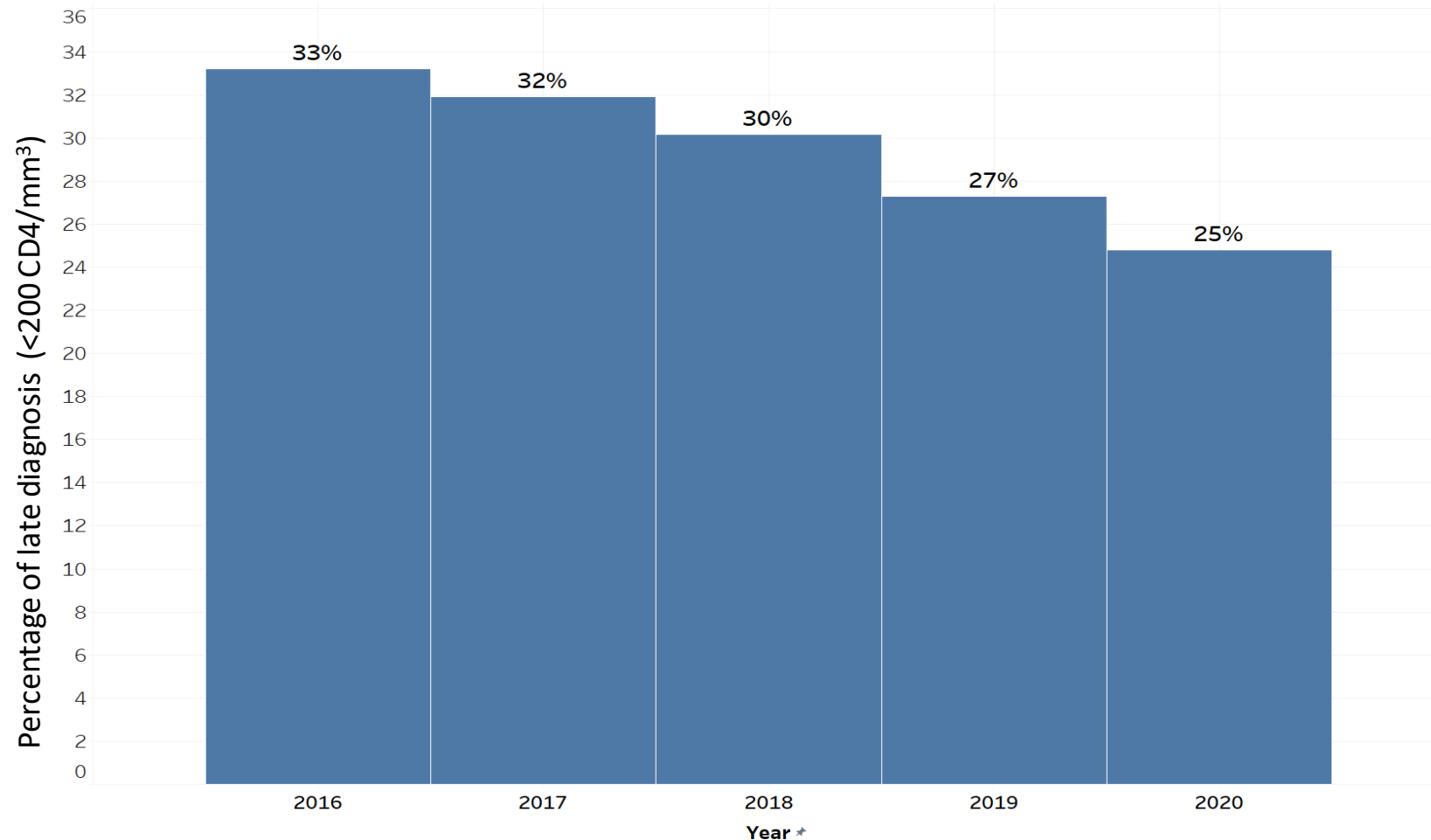
Source: PAHO 2021. UNAIDS epidemiological estimations, 2021 (see <https://aidsinfo.unaids.org/>).

Distribution of new HIV infections (aged 15–49 years), by population group, Latin America and the Caribbean, 2020



Source: GAM country reported data and UNAIDS/WHO estimates, 2021.

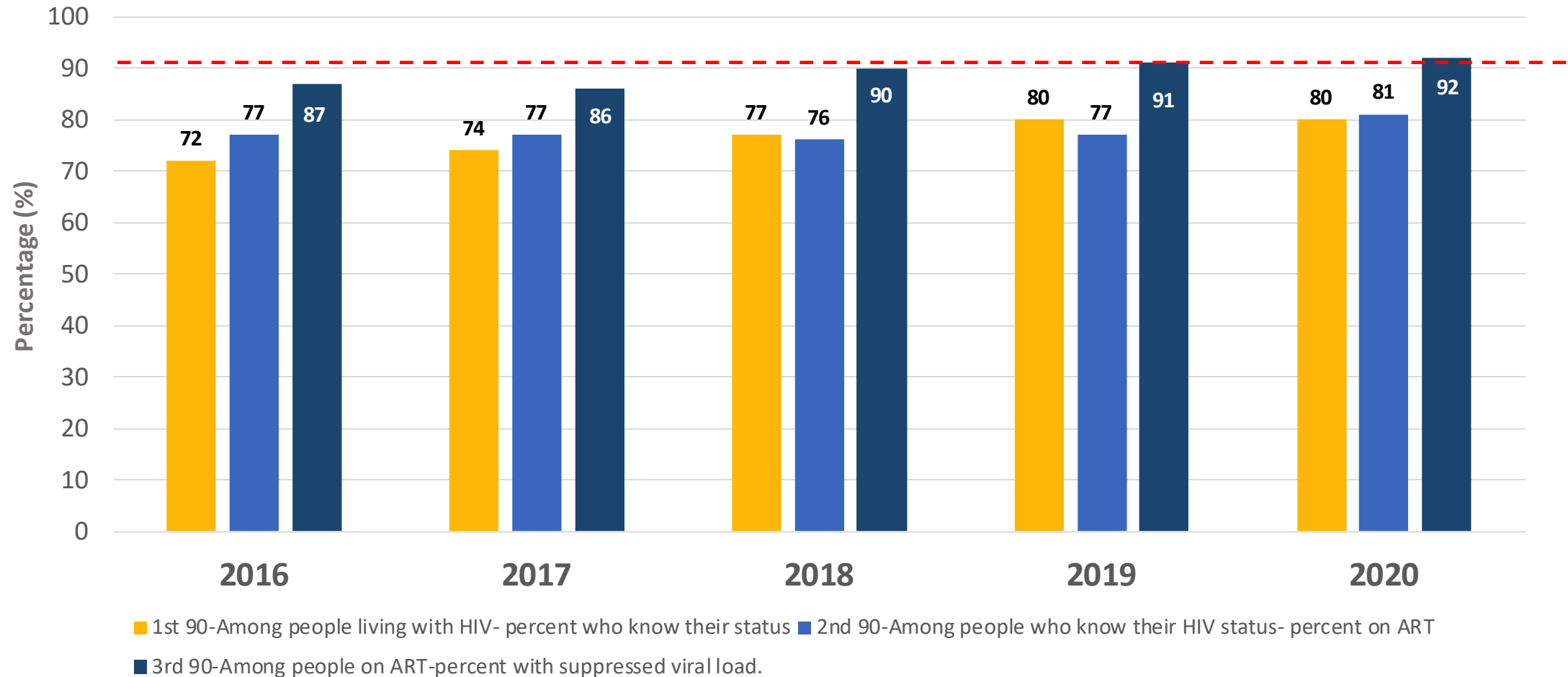
Persons with late HIV diagnosis (%) in Latin America and the Caribbean, 2016-2020



Source: PAHO, 2021. Based on data reported by countries in GAM country reports 2016-2020.

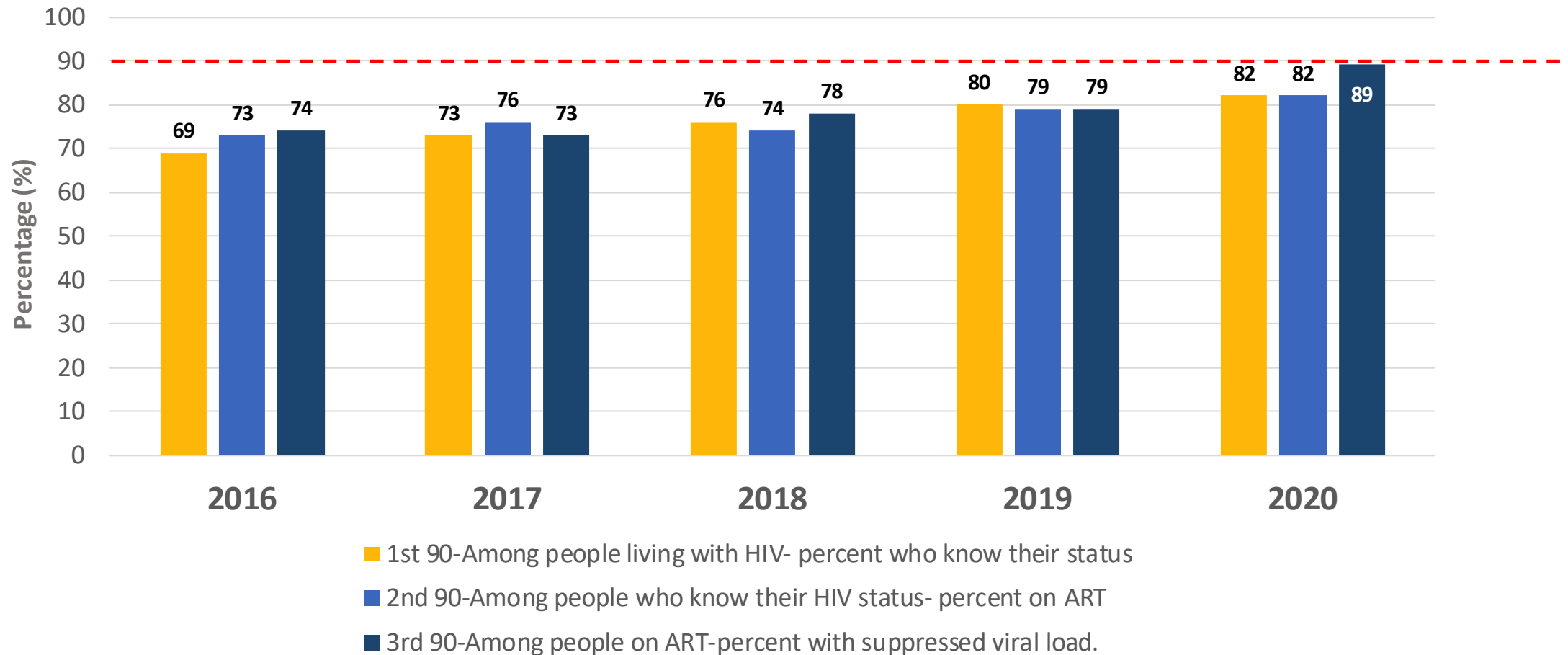
Note: Late HIV diagnosis: basal CD4 < 200 cells/mm³. Median values from 18 reporting countries. Improvements correspond to 11 countries.

90-90-90 targets and results, in Latin America, 2016-2020



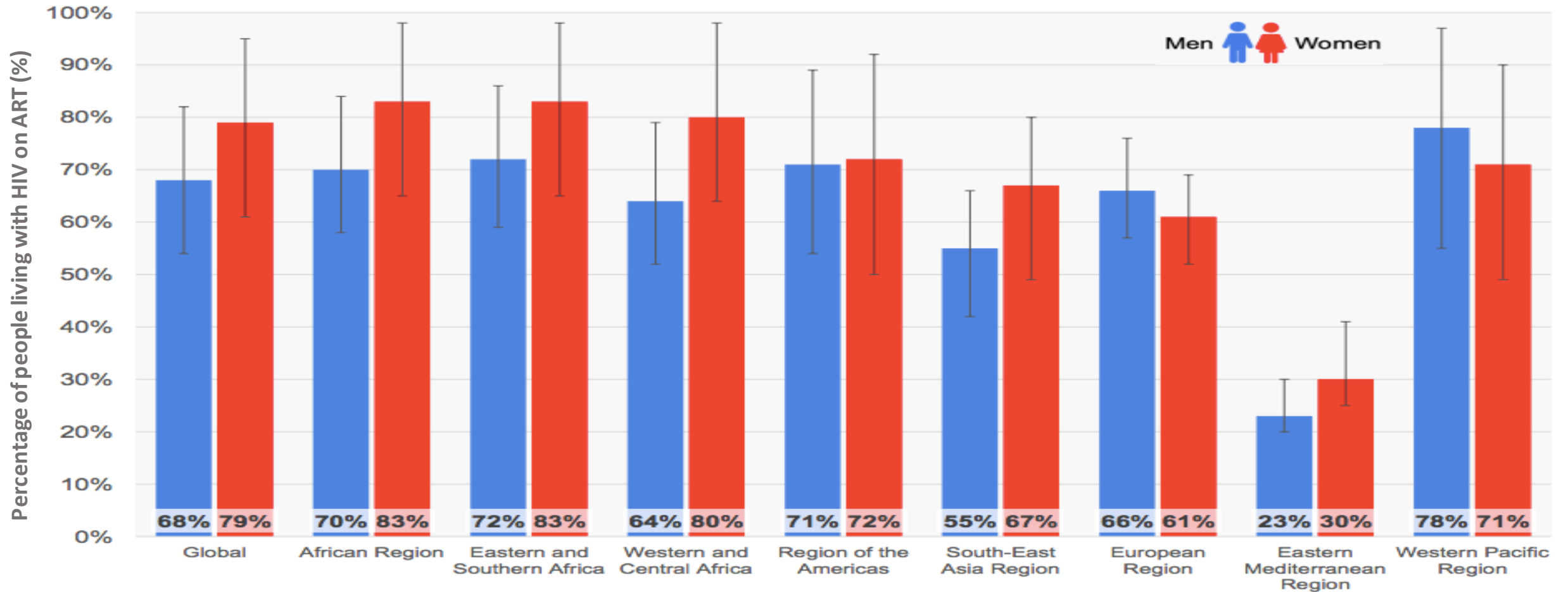
Source: PAHO, 2021. Obtained from GAM country reported data and UNAIDS/WHO estimates, 2021.

90-90-90 targets and results, in The Caribbean, 2016 -2020



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

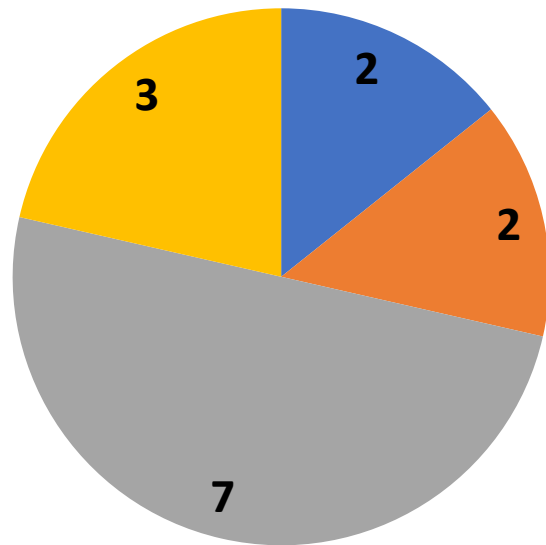
ART coverage by sex among adults per WHO Region, 2020



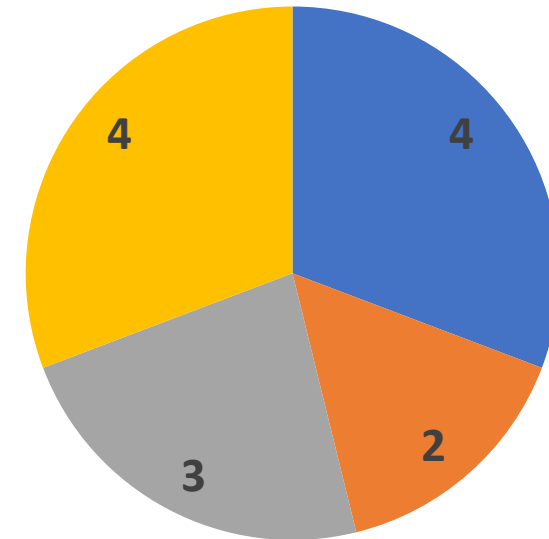
Source: WHO. Latest estimates and updates on HIV policies uptake, July 2021.

Multi-month dispensing of ARVs available during the COVID-19 pandemic, 2020

Latin America (n=14 countries)

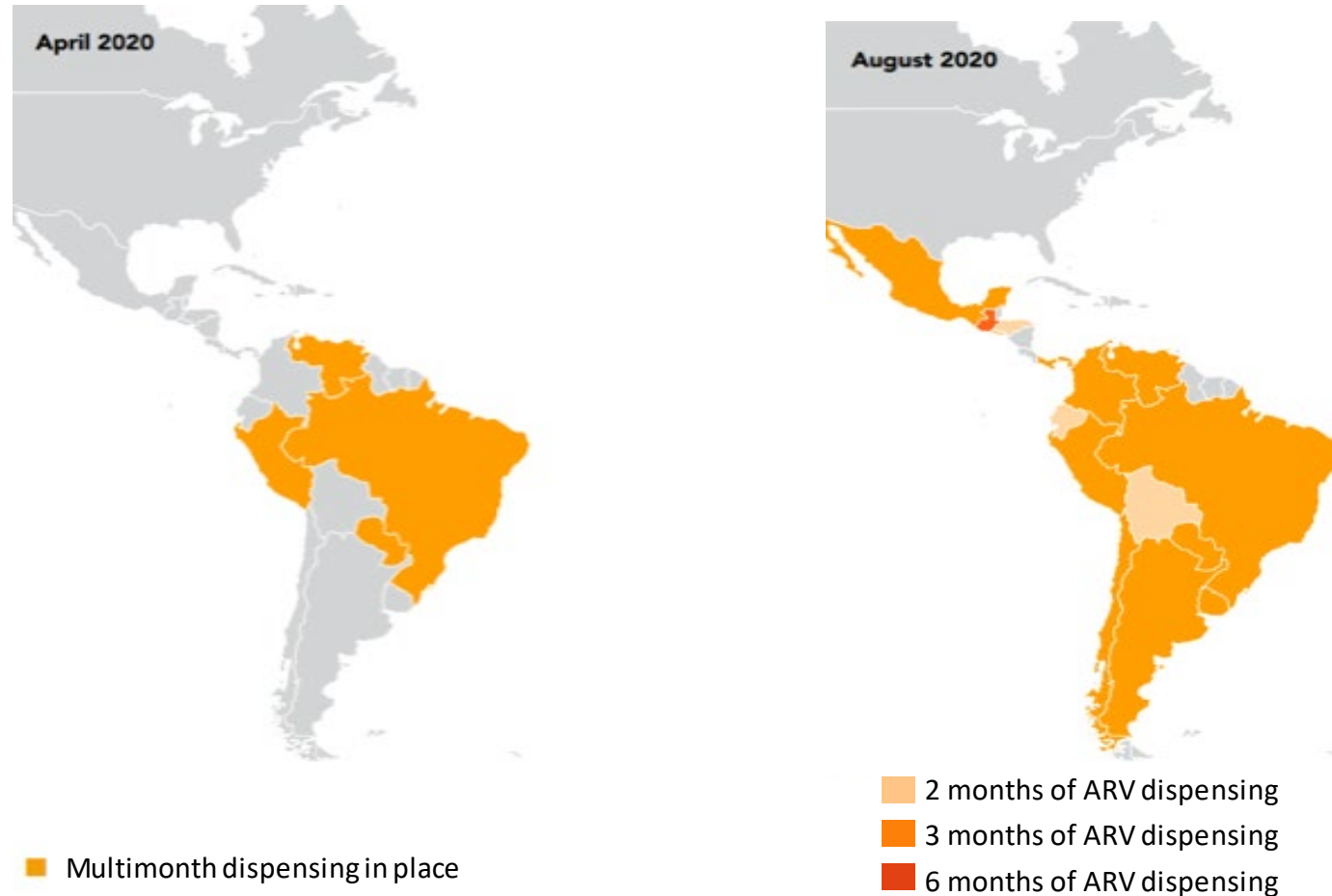


The Caribbean (n=13 countries)



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

Roll-out of multimonth dispensing of antiretrovirals (ARV) from April to August 2020



Fuente: UNAIDS, 2021. Analysis of multimonth dispensing of TAR and PrEP in Latin America and the Caribbean during the COVID-19 pandemic.

Status of HIV self-testing (HIVST) in national policies, updated November 2021

Countries with policy developed

2019: Brazil, United States (2)

2020: Haiti, Guatemala, Paraguay, Canada, Trinidad and Tobago (7)

2021: Belize, Colombia, Cuba (10)

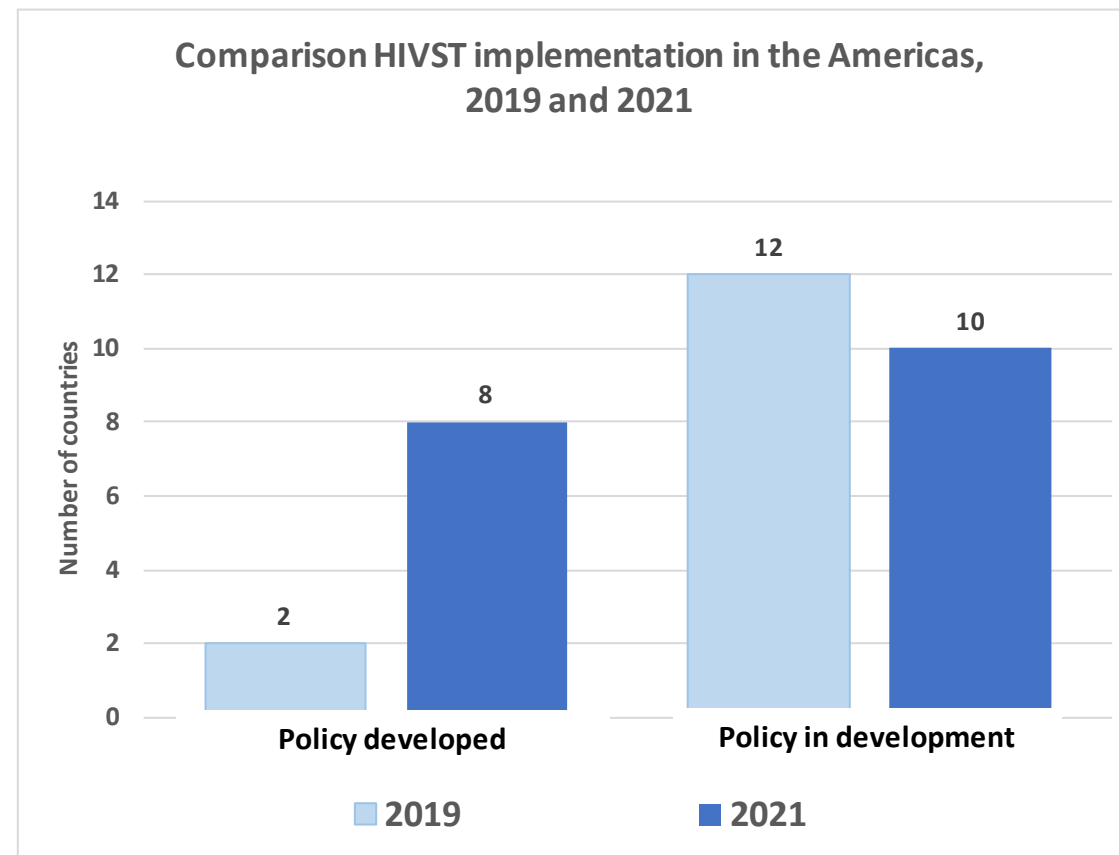
Countries with policy in development

2021: Bahamas, Honduras, Jamaica, Argentina, Peru, Mexico, Chile, El Salvador, Suriname, Uruguay (10)

Countries with self-test kits available*

2021: Belize, Brazil, Canada, Cuba, United States (5)

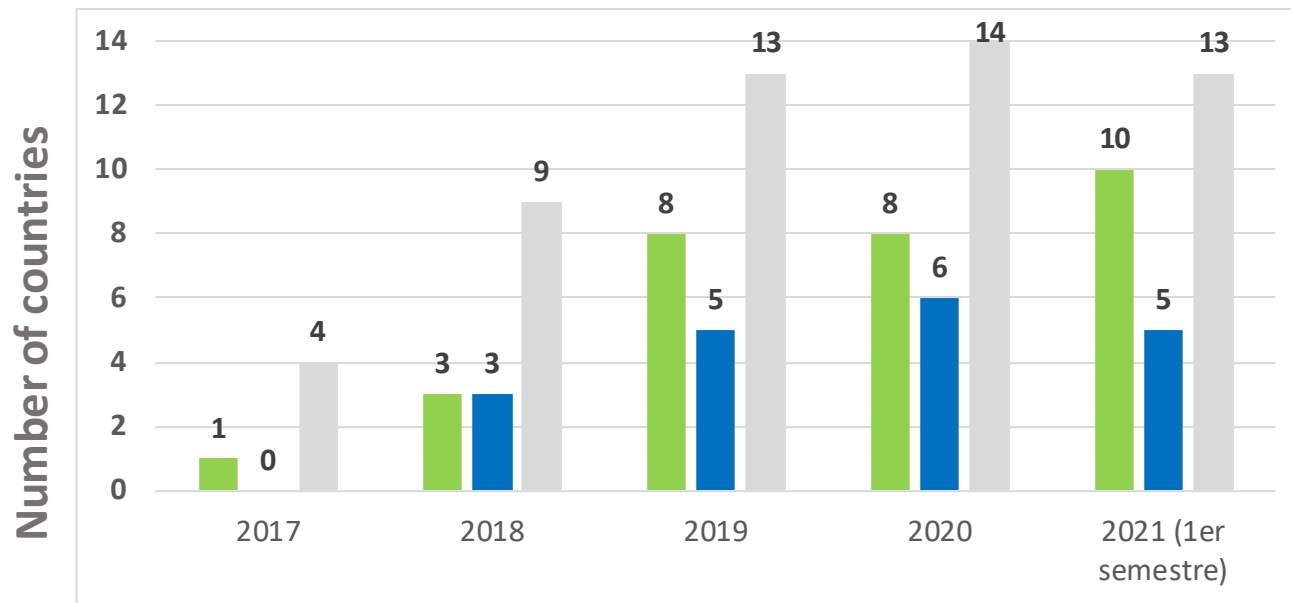
*It includes only those countries that have the self-test kits available to the general public, either through public or private health services or through purchase in pharmacies.



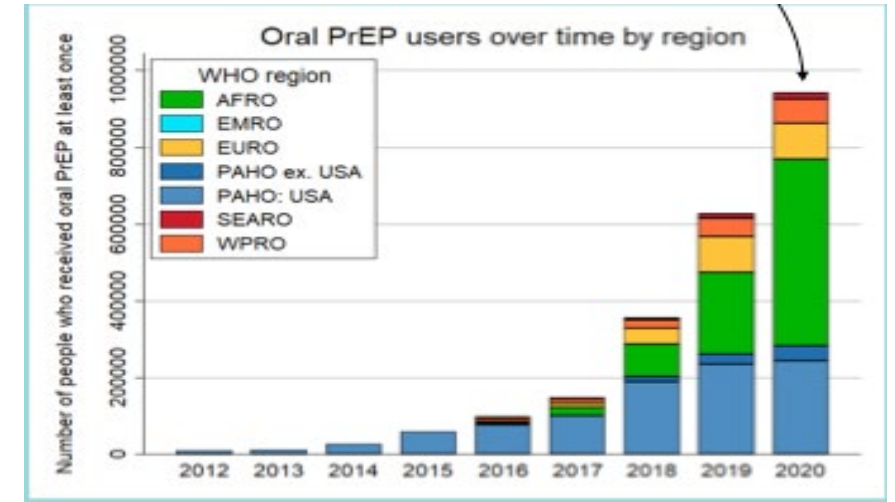
Source: PAHO, 2021. GAM country reports and direct country communication 2021.

Availability of PrEP services and policies in Latin America and the Caribbean, 2017-2021

At the end of 2020, **34,500** people in Latin America and the Caribbean were on PrEP (**30,000** people in Latin America and around **4,300** people in the Caribbean). **17 countries report PrEP users.**



■ PrEP implemented (policy)
 ■ PrEP implemented (project)
 ■ Planning PrEP (policy/project)

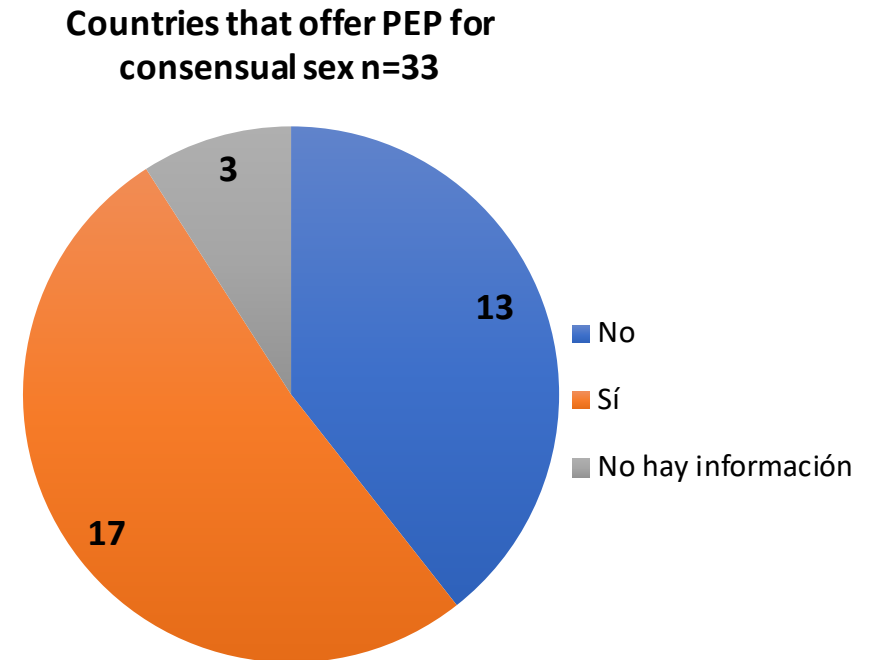


2021	
PrEP policy (10)	Argentina, Bahamas, Barbados, Brazil, Chile, Cuba, Dominican Republic, Haiti, Paraguay, Uruguay
PrEP project (5)	Ecuador, Guatemala, Jamaica, Mexico, Peru
Planning policy/project (13)	Bolivia, Belize, Costa Rica, El Salvador, Guyana, Panama, Venezuela, OECs (6)

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

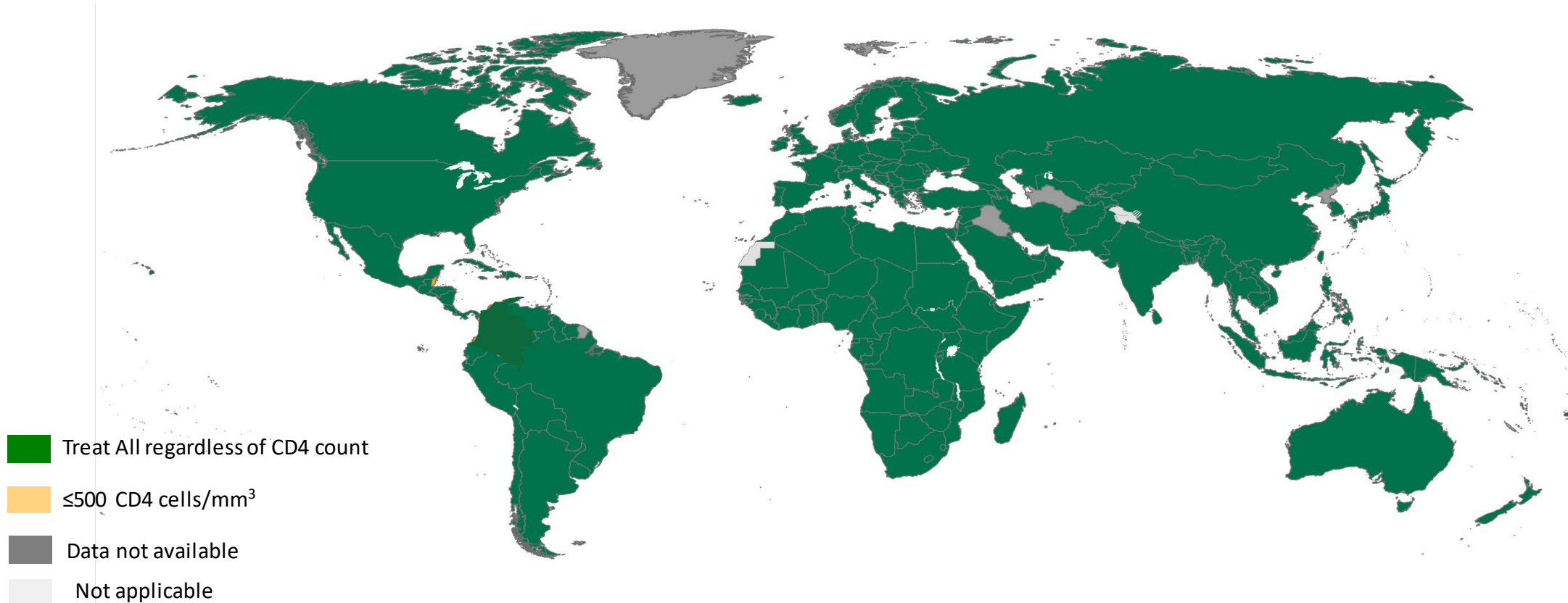
Availability of Post Exposure Prophylaxis (PEP) for Consensual Sex in Latin America and the Caribbean, 2020

- **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.

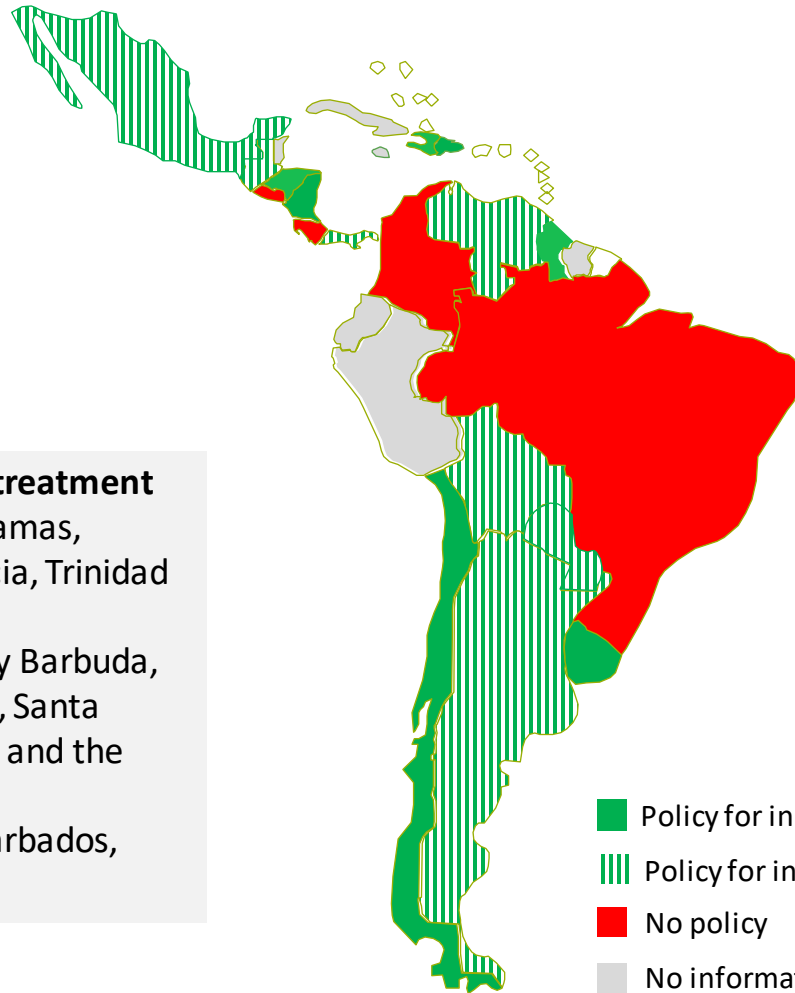
Uptake of WHO policy for Treat All initiation among adults and adolescents living with HIV, June 2021



Source: Global AIDS Monitoring (UNAIDS/WHO/UNICEF) and Global HIV, Hepatitis and STIs Programmes (HHS), WHO, 2021

Disclaimer: The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

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



Rapid initiation of treatment within 7 days: Bahamas, Barbados, Saint Lucia, Trinidad and Tobago.

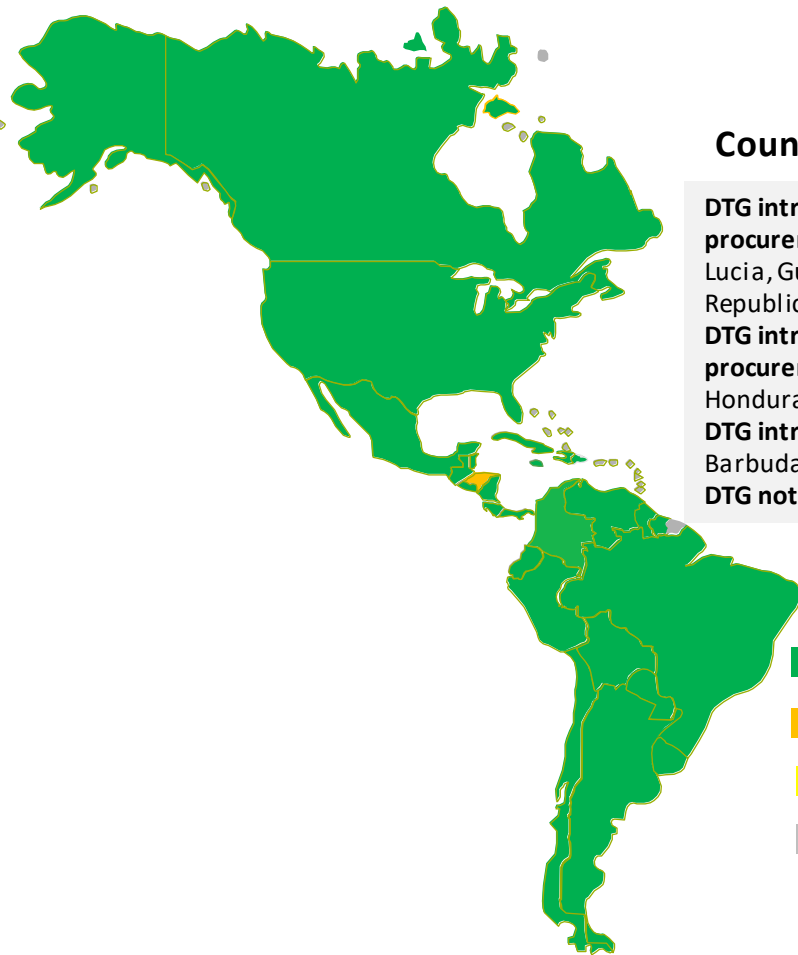
No policy: Antigua y Barbuda, Dominica, Grenada, Santa Lucía, Saint Vincent and the Grenadines

No information: Barbados, Dominica

- 20 countries reported the availability of policies for rapid initiation of treatment.
- Only 3 countries reported full implementation of these policies, and 7 countries reported that this implementation was not still effective across their territory.

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

Country progress to introduce Dolutegravir (DTG) as first-line treatment for HIV, 2020.



Countries not distinguishable on the map

DTG introduced in national guidelines and procurement initiated: Bahamas, St Kitts & Nevis, Saint Lucia, Guyana, Cuba, Jamaica, Haiti, Dominican Republic, Suriname

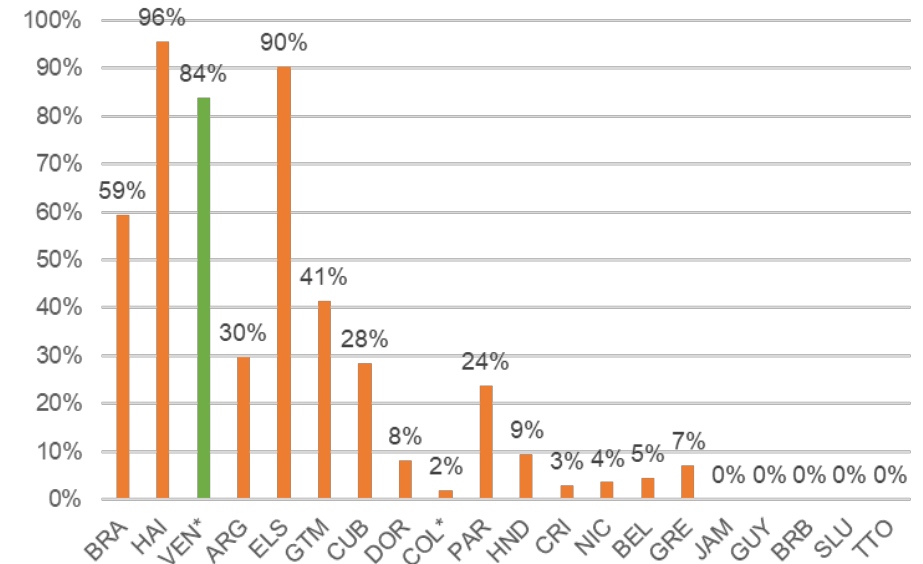
DTG introduced in national guidelines and procurement NOT initiated : Barbados, Colombia, Honduras

DTG introduced as first line of treatment: Antigua & Barbuda, Dominica, Grenada, St Vincent & Grenadines

DTG not introduced: Trinidad & Tobago

- DTG introduced in national guidelines and procurement initiated
- DTG introduced in national guidelines and procurement NOT initiated
- DTG introduced as first line of treatment
- Information not available

Percentage of people on first line of treatment who are on TLD



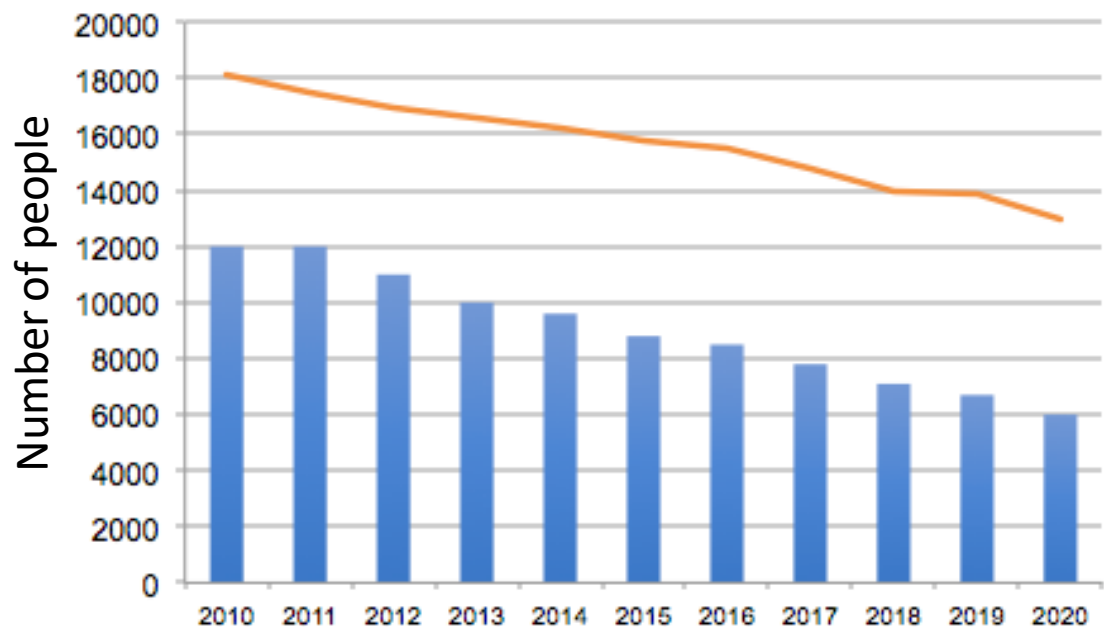
*The percentage of Venezuela is calculated over the total of people on ART.

Source: Global AIDS Monitoring (UNAIDS/WHO/UNICEF) and WHO Country Intelligence Tool, 2020.

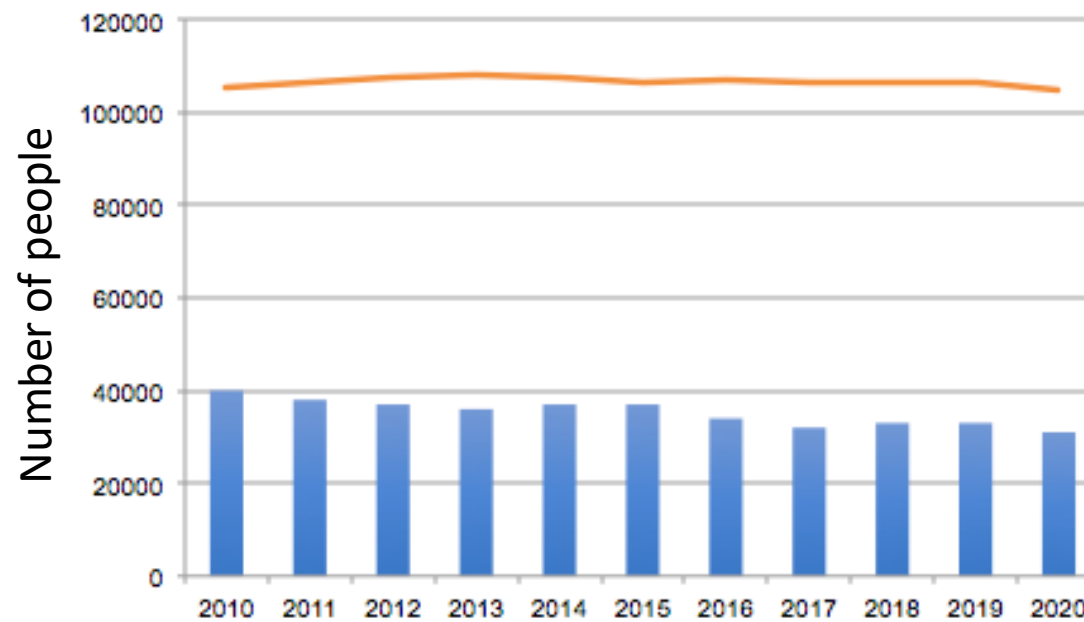
Note: While guidelines have not been updated **Suriname** has TLD as preferred 1st line since 2019. Colombia: information updated in 2021

Estimated new HIV infections and AIDS deaths in Latin America and the Caribbean, 2010-2020

The Caribbean



Latin America



■ AIDS deaths — New HIV infections

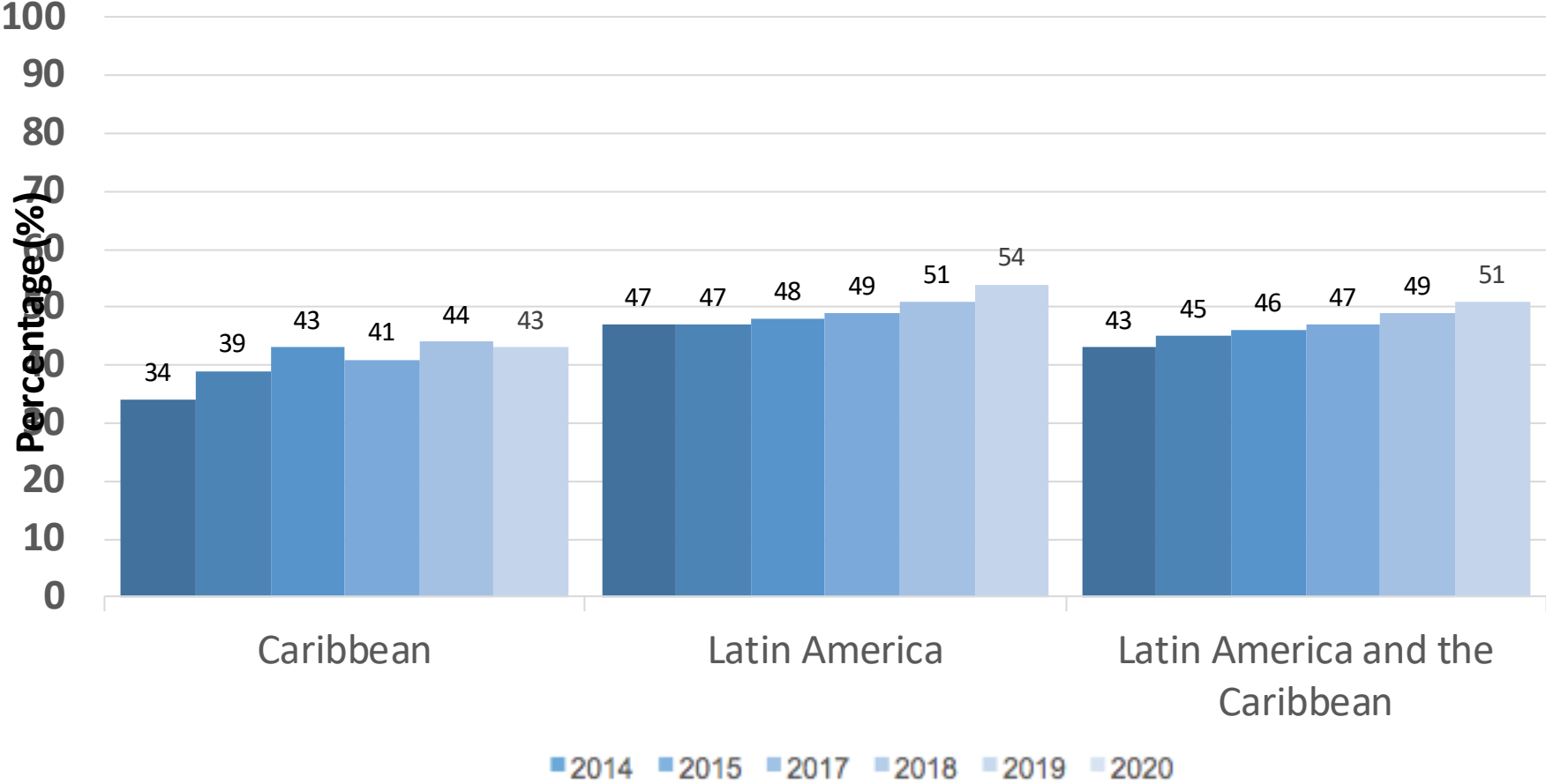
Source: PAHO 2021. Developed from data from UNAIDS/WHO Spectrum HIV estimates 2020. Global AIDS monitoring country responses, 2020.

People with HIV receiving ART (%) by WHO Region, 2020

WHO Regions	% coverage
WHO Region - Africa	76
WHO Region - America	71
WHO Region - Eastern Mediterranean	25
WHO Region - Europe	64
WHO Region - South-East Asia	61
WHO Region - Western Pacific	76

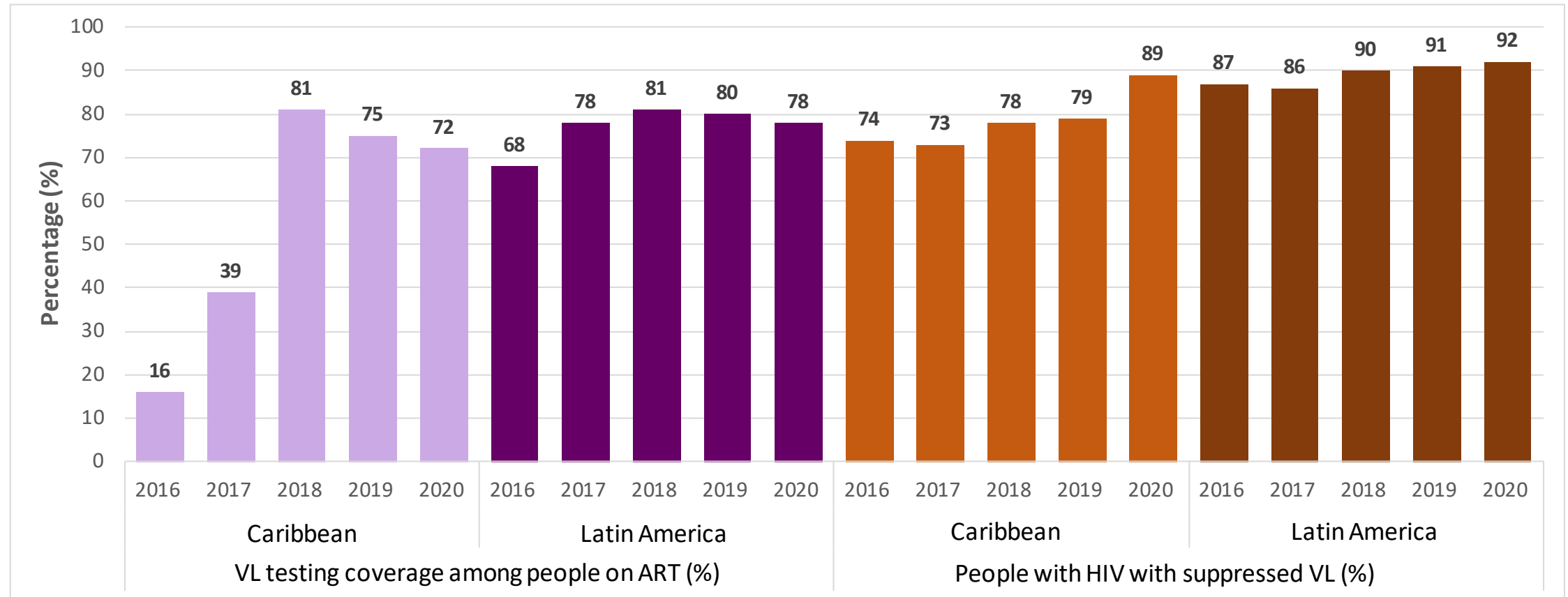
Source: UNAIDS. Spectrum HIV estimates 2019 and UNAIDS/WHO. Global AIDS monitoring country responses, 2021.

Percentage of children (0-14 years) with HIV receiving antiretroviral treatment, by subregion in Latin America and the Caribbean, 2015-2020



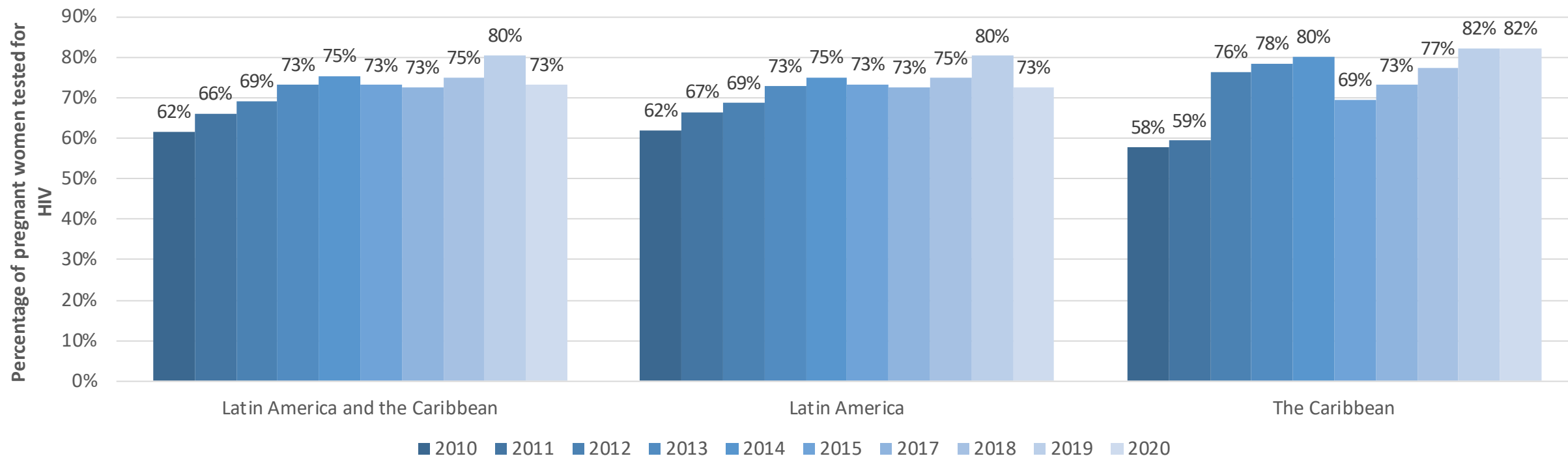
Source: PAHO 2021. Developed from data from UNAIDS/WHO Spectrum HIV estimates 2020. Global AIDS monitoring country responses, 2021.

Viral load testing and suppression, in Latin America and the Caribbean, 2016-2020



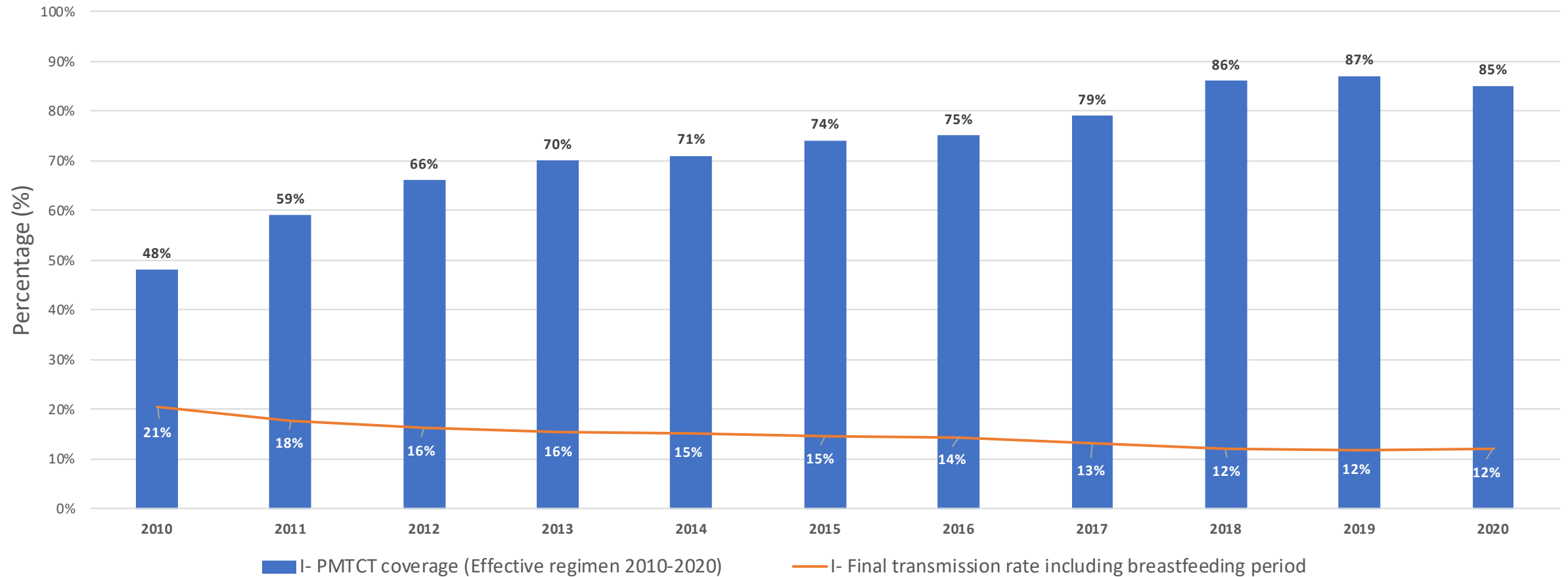
Source: UNAIDS. Spectrum HIV estimates 2020 and UNAIDS/WHO. Global AIDS monitoring country responses, 2021.

HIV testing coverage among pregnant women by subregion, 2010-2020



Source: PAHO, 2021. Developed from data country Global AIDS monitoring responses to UNAIDS/WHO, 2021.

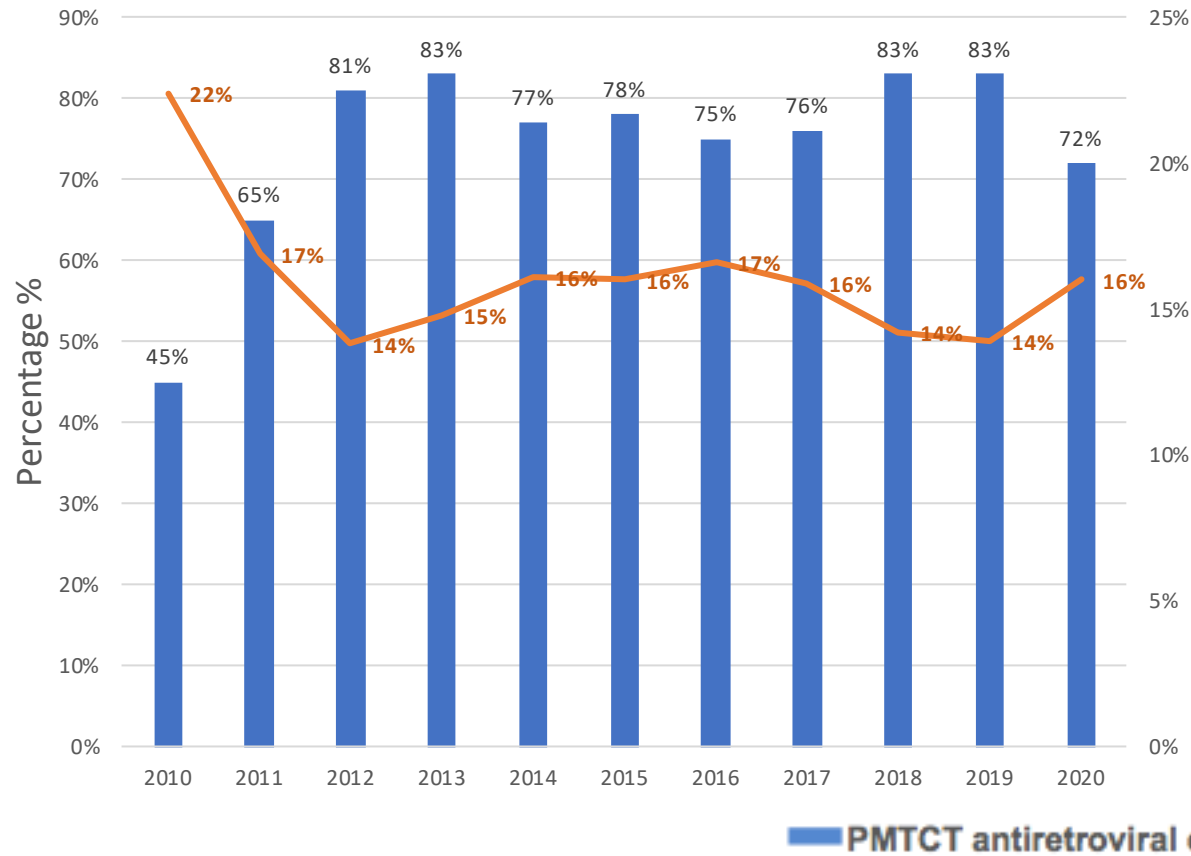
Antiretroviral coverage among pregnant women with HIV and final MTCT transmission rate. Latin America and the Caribbean, 2010-2020



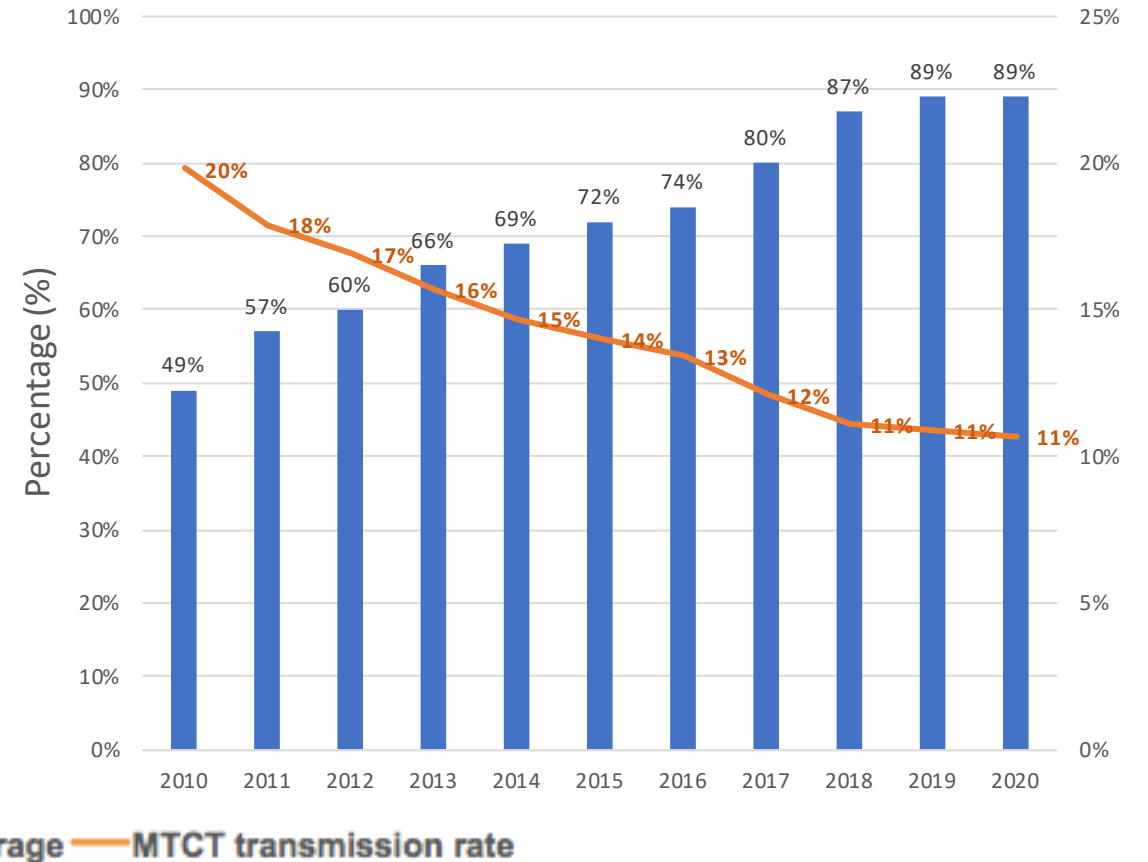
Source: PAHO, 2021. Developed based on Spectrum HIV estimates 2020 and UNAIDS/WHO. Global AIDS monitoring country responses, 2021

Antiretroviral coverage among pregnant women with HIV and final MTCT transmission rate, by subregion, 2010-2020

The Caribbean

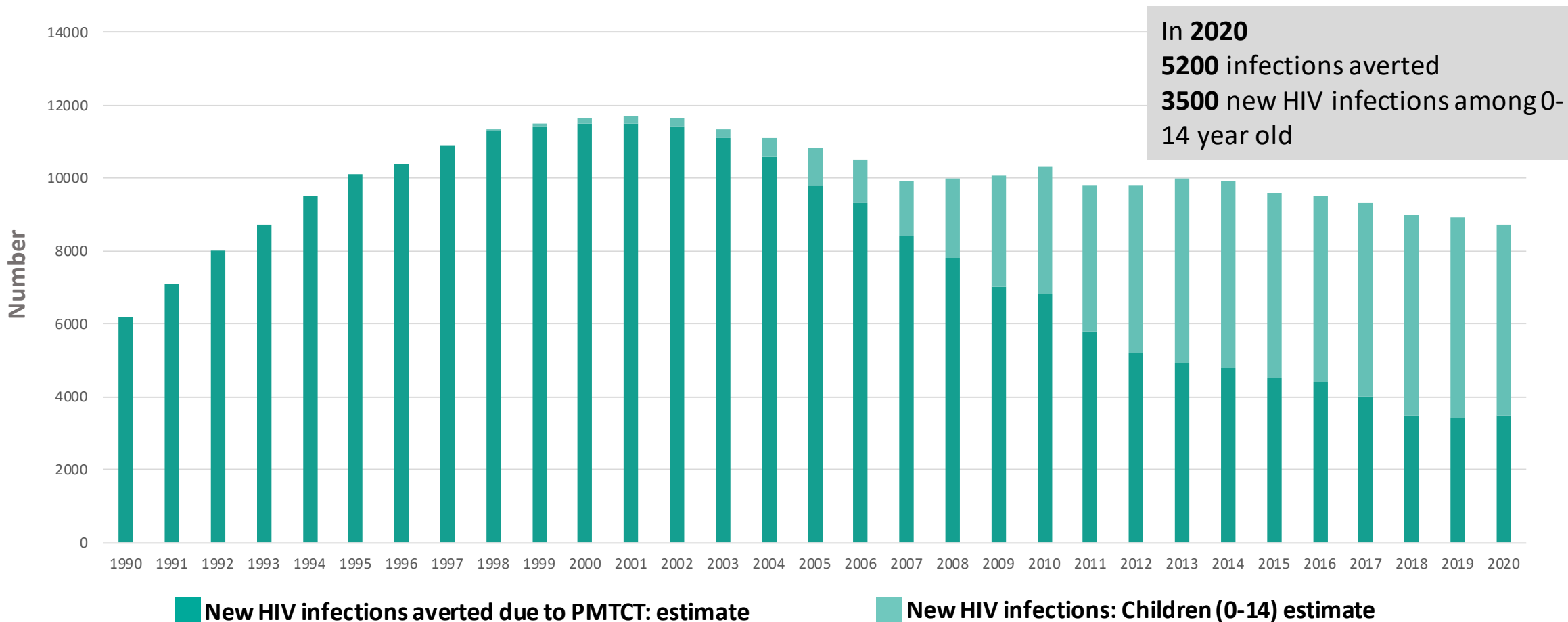


Latin America



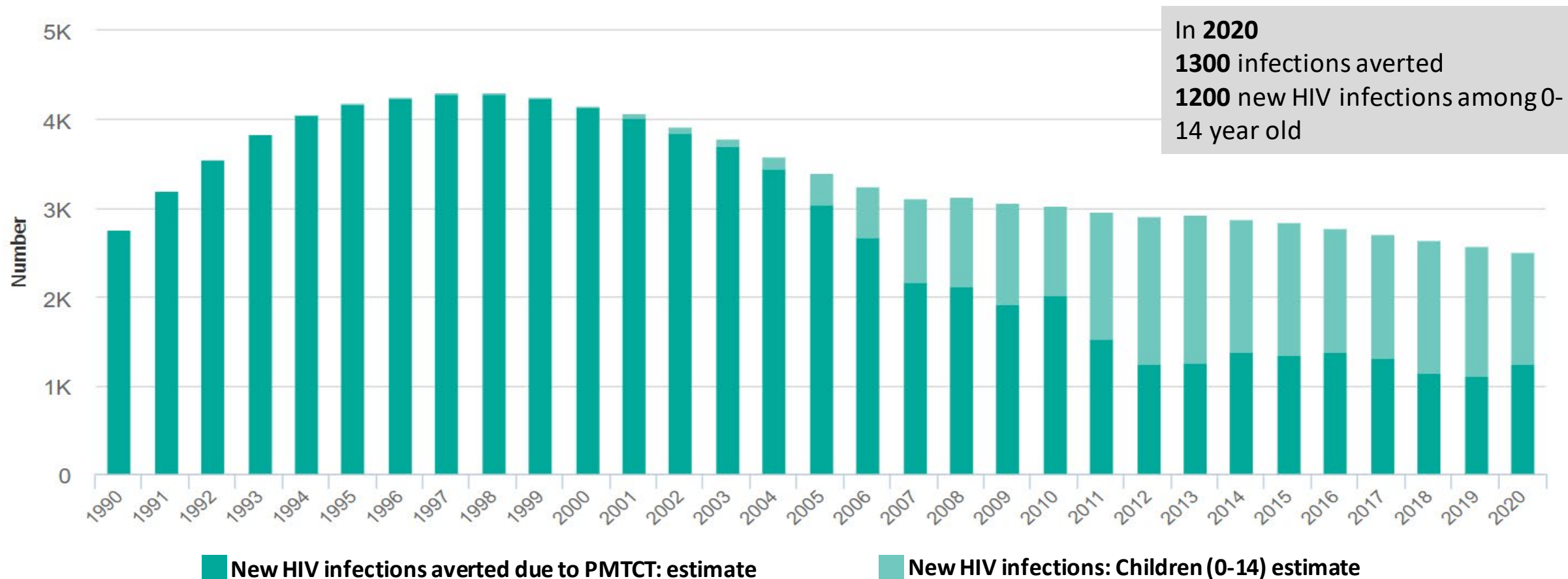
Source: PAHO, 2021. Developed based on Spectrum HIV estimates 2020 and UNAIDS/WHO. Global AIDS monitoring country responses, 2021

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



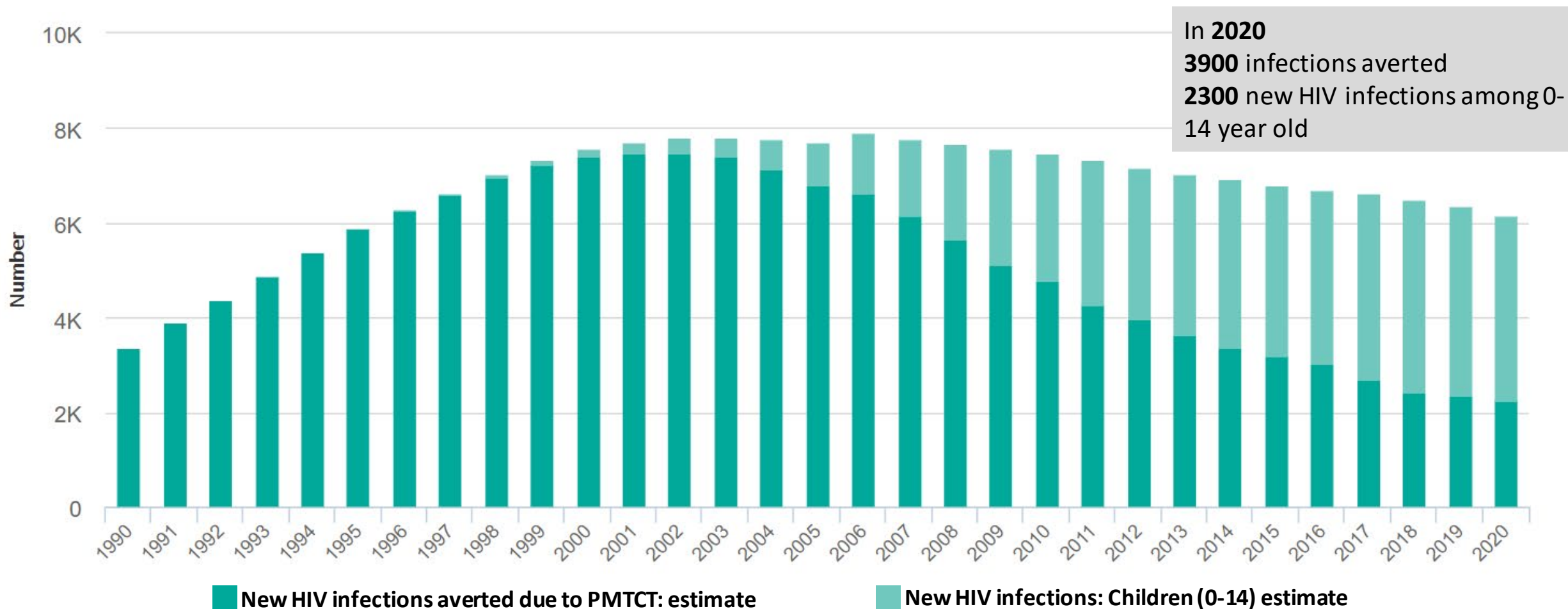
Source: UNAIDS. Spectrum HIV estimates, 2021

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



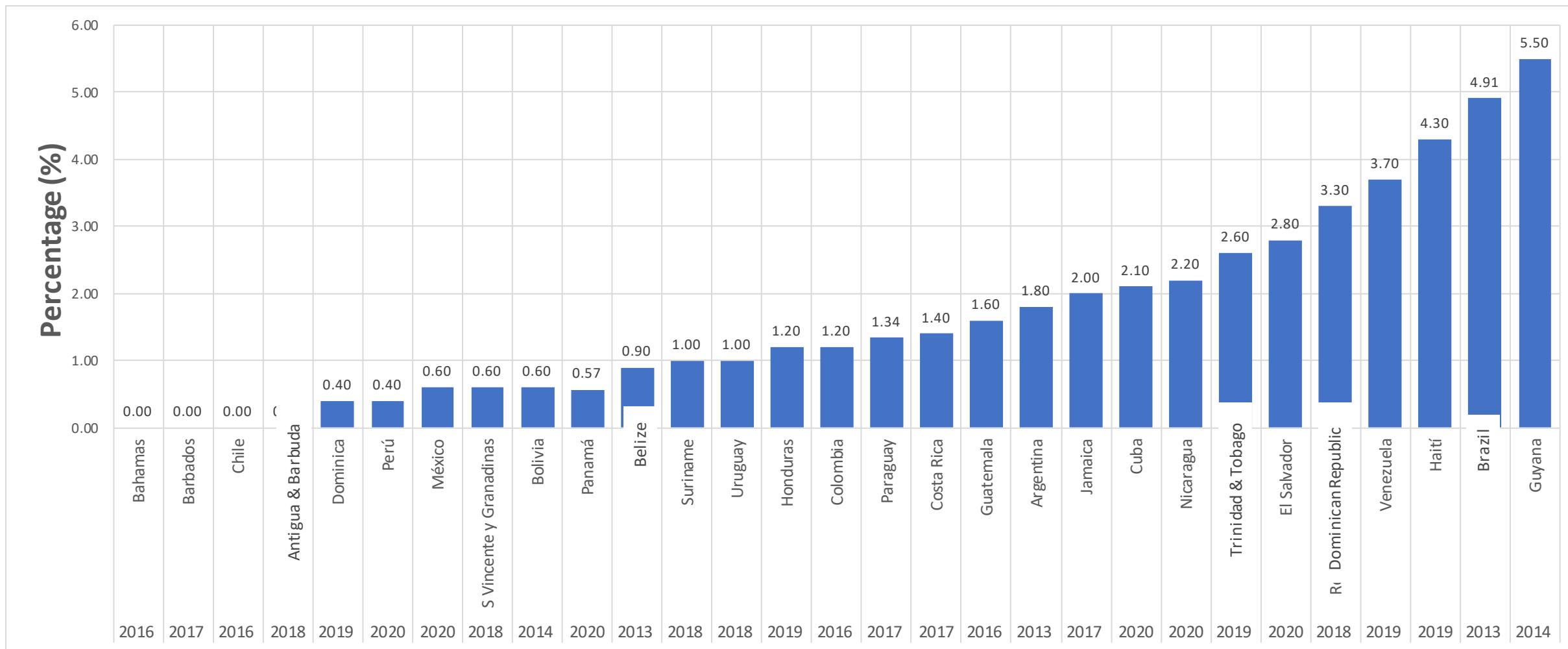
Source: UNAIDS. Spectrum HIV estimates, 2021

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



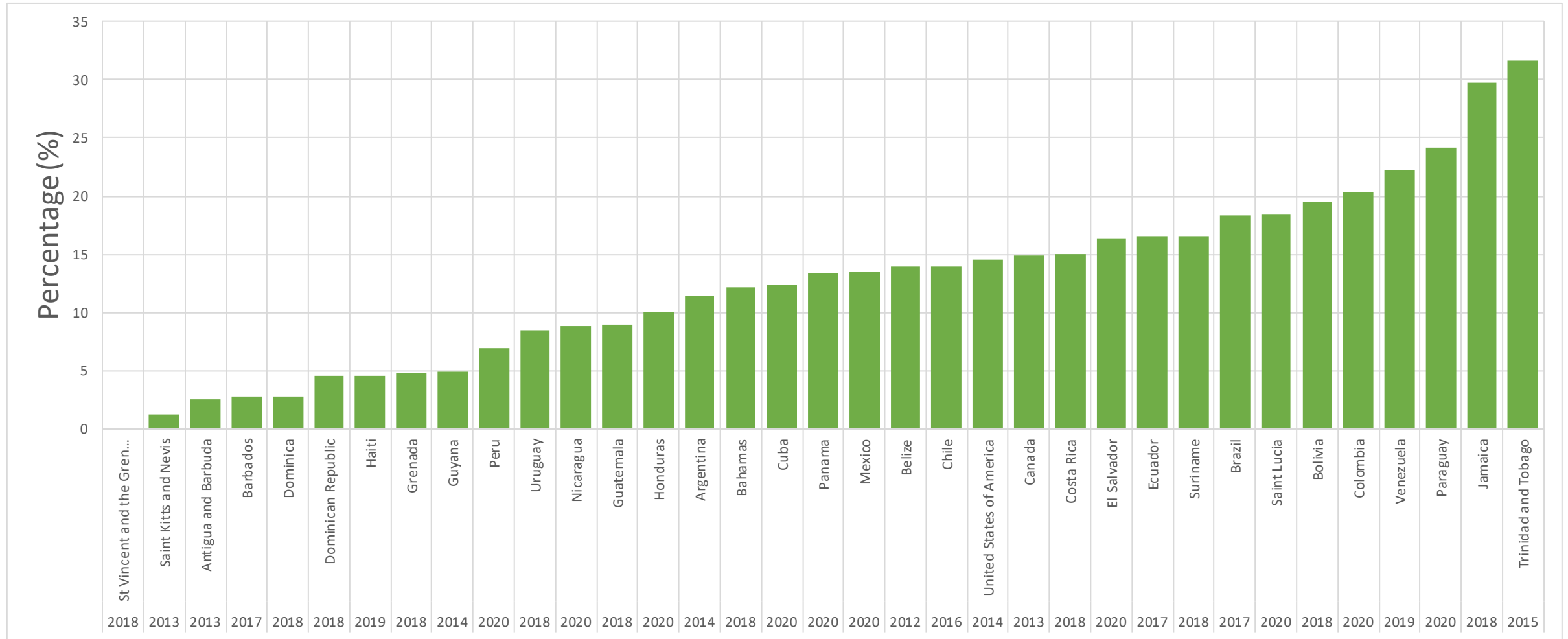
Source: UNAIDS. Spectrum HIV estimates, 2021

Prevalence of HIV infection in sex workers, latest reported data, 2016-2020



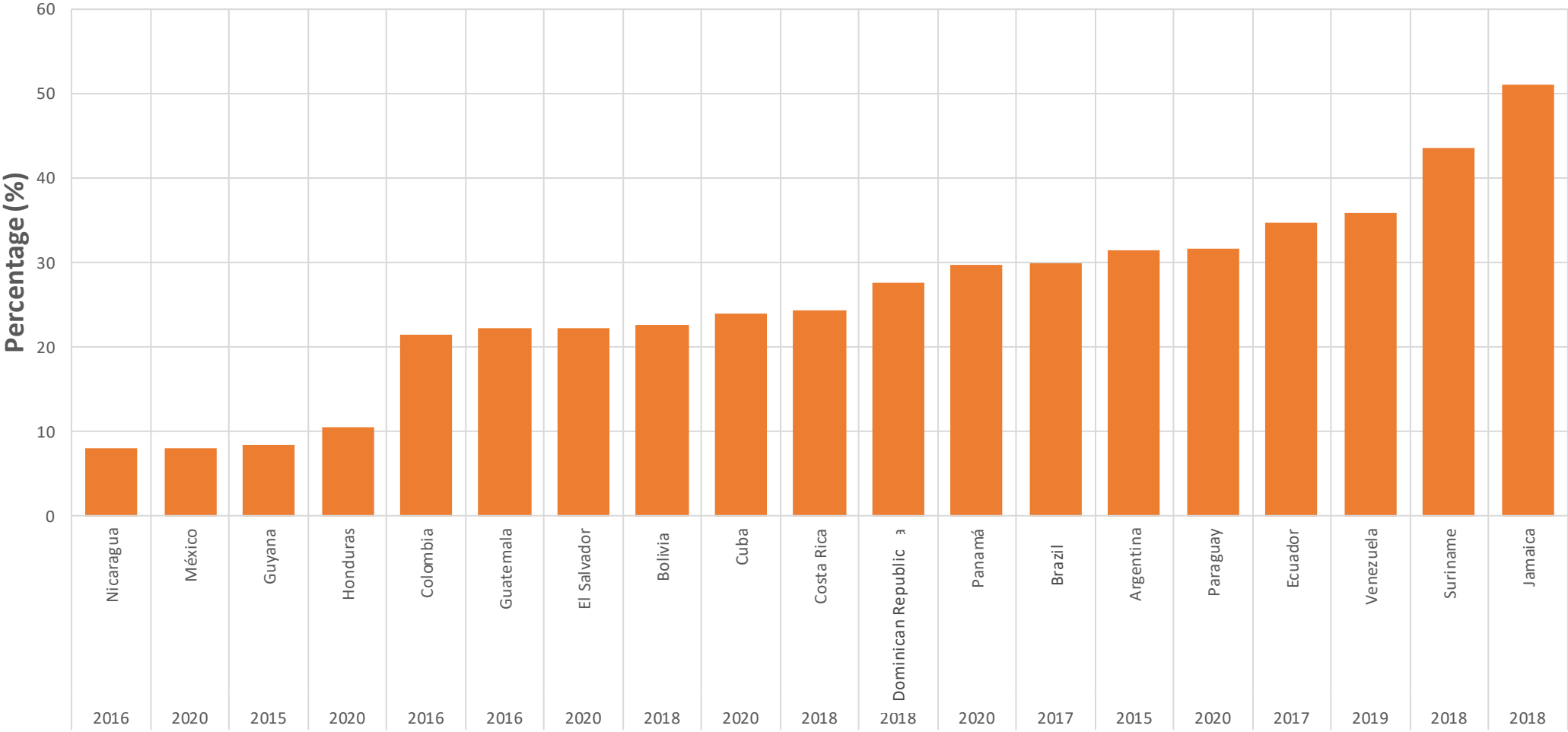
Source: PAHO, 2021. Global AIDS monitoring country responses, 2021.

Prevalence of HIV infection in MSM, latest reported data, 2016-2020



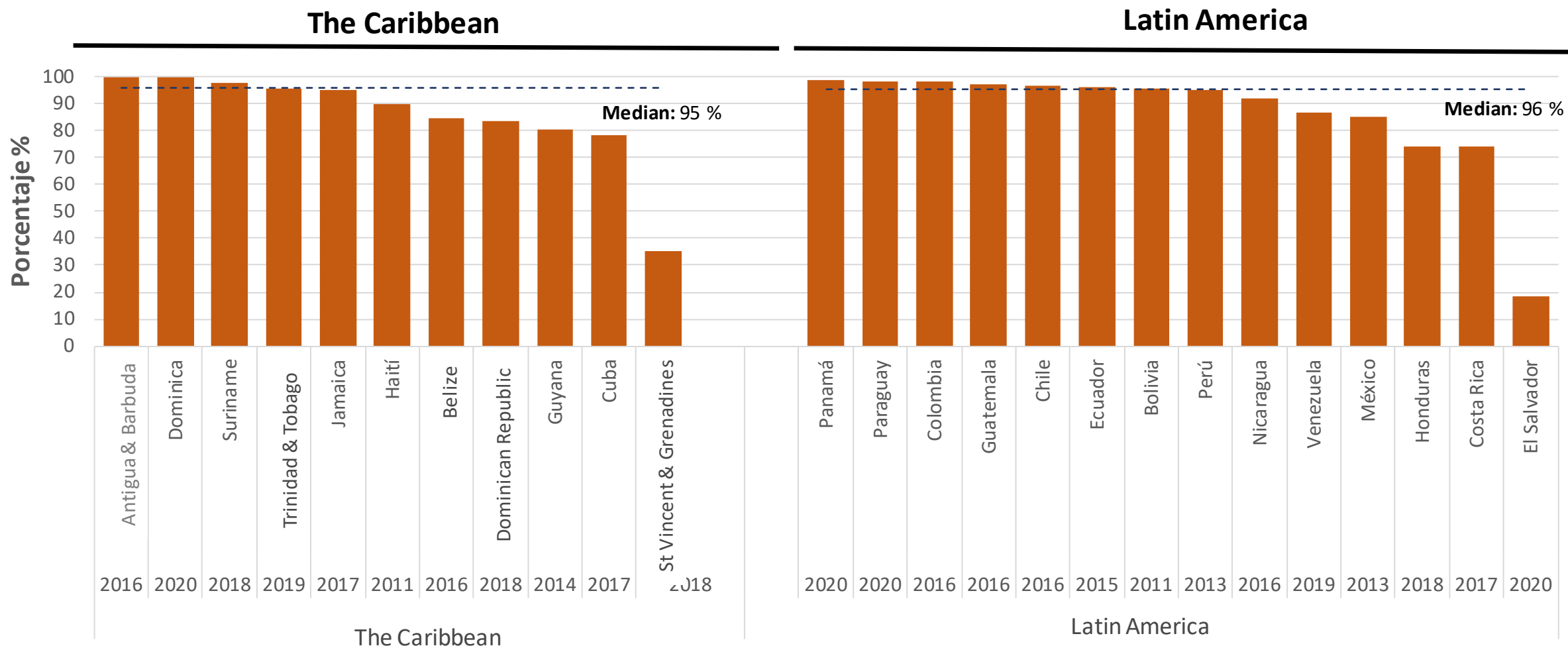
Source: PAHO, 2021. Global AIDS monitoring country responses, 2021.

Prevalence of HIV infection in transgender women, latest reported data 2016-2020



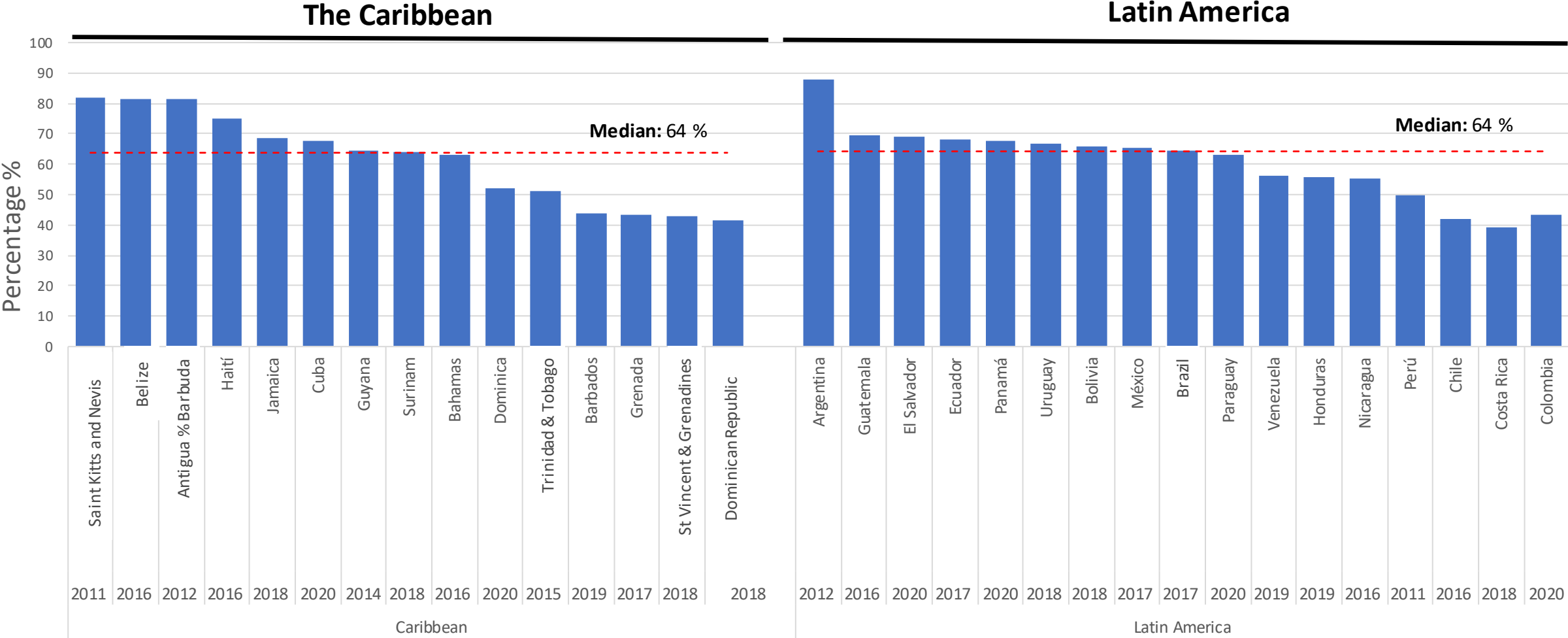
Source: PAHO, 2021. Global AIDS monitoring country responses, 2021.

Condom use among sex workers in Latin America and the Caribbean, by subregion, latest year available (2011-2020)



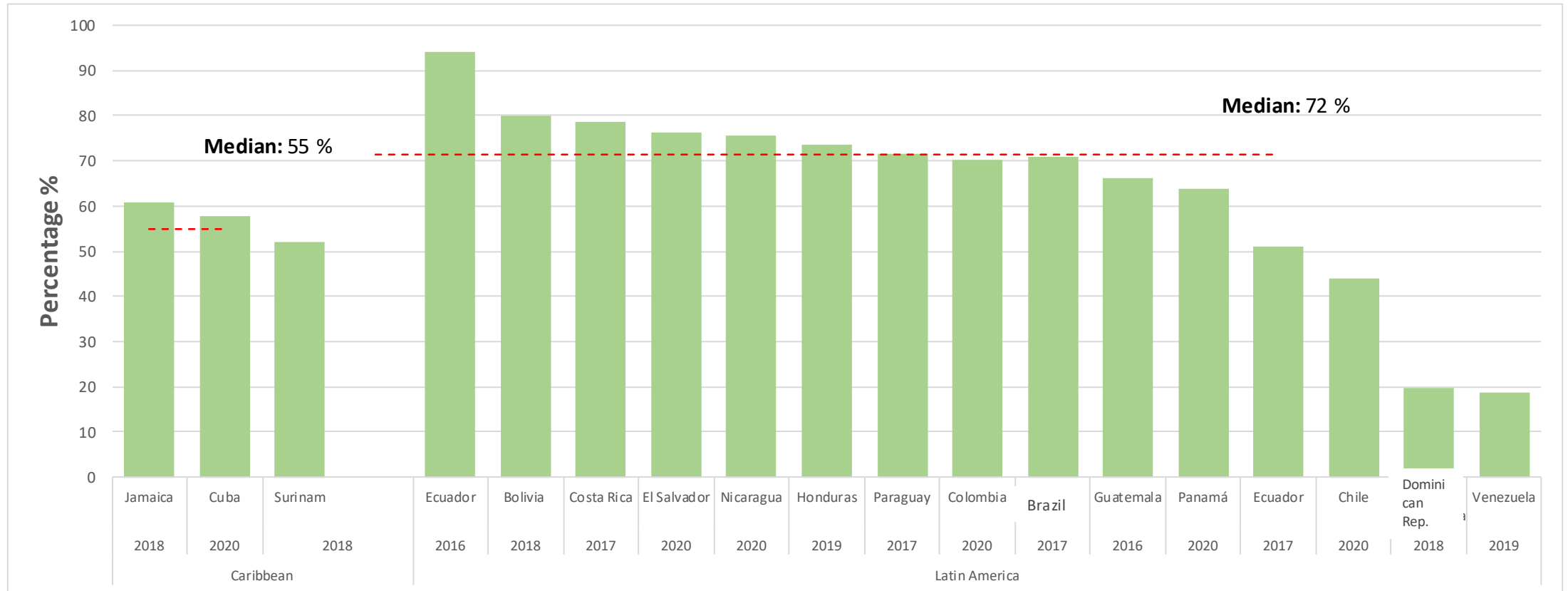
Source: PAHO, 2021. Global AIDS monitoring country responses, 2021.

Condom use among MSM in Latin America and the Caribbean, by subregion, latest year available (2011-2020)



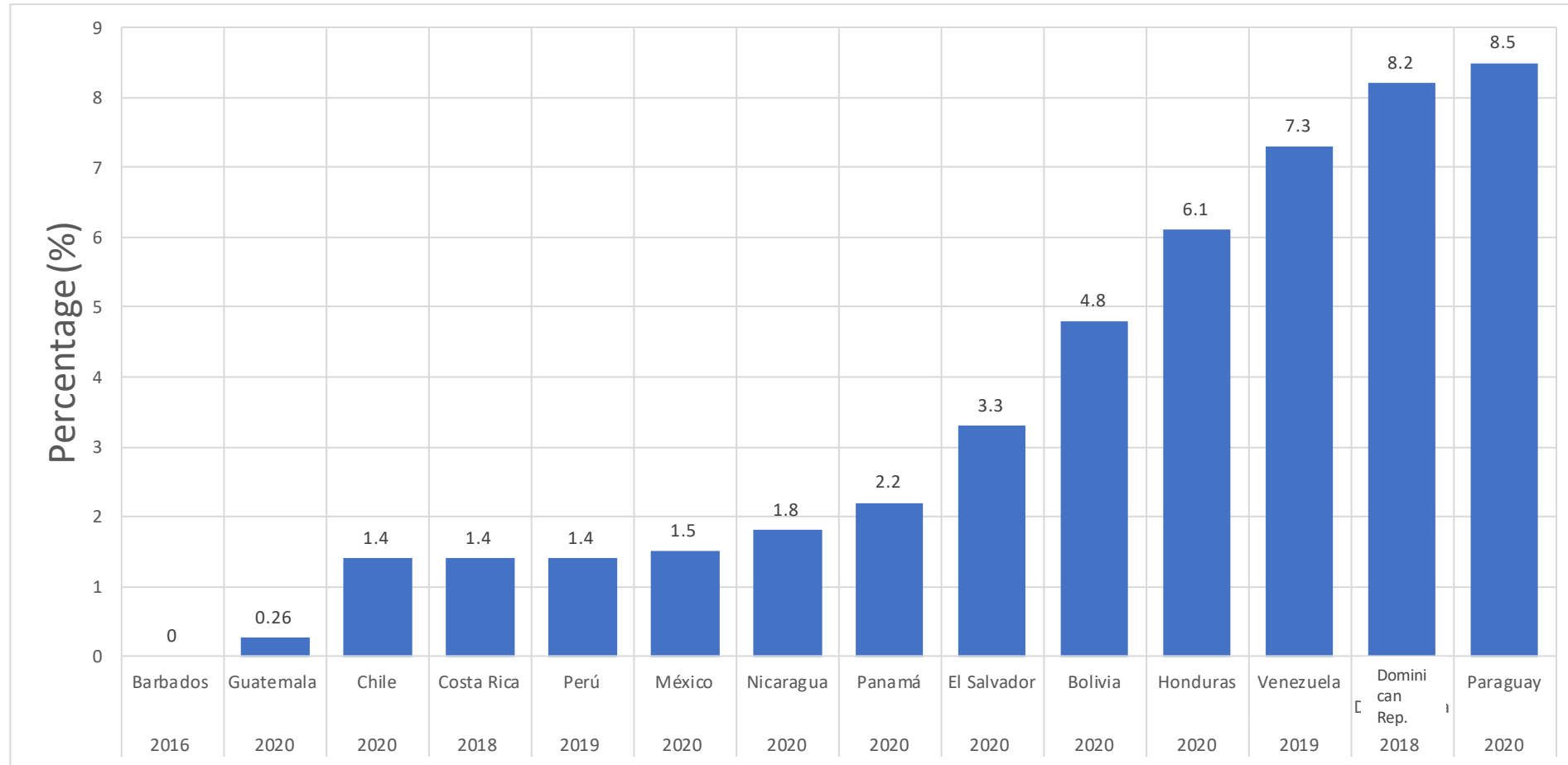
Source: PAHO, 2021. Global AIDS monitoring country responses, 2021.

Condom use among transgender women Latin America and the Caribbean, by subregion, latest year available (2016-2020)



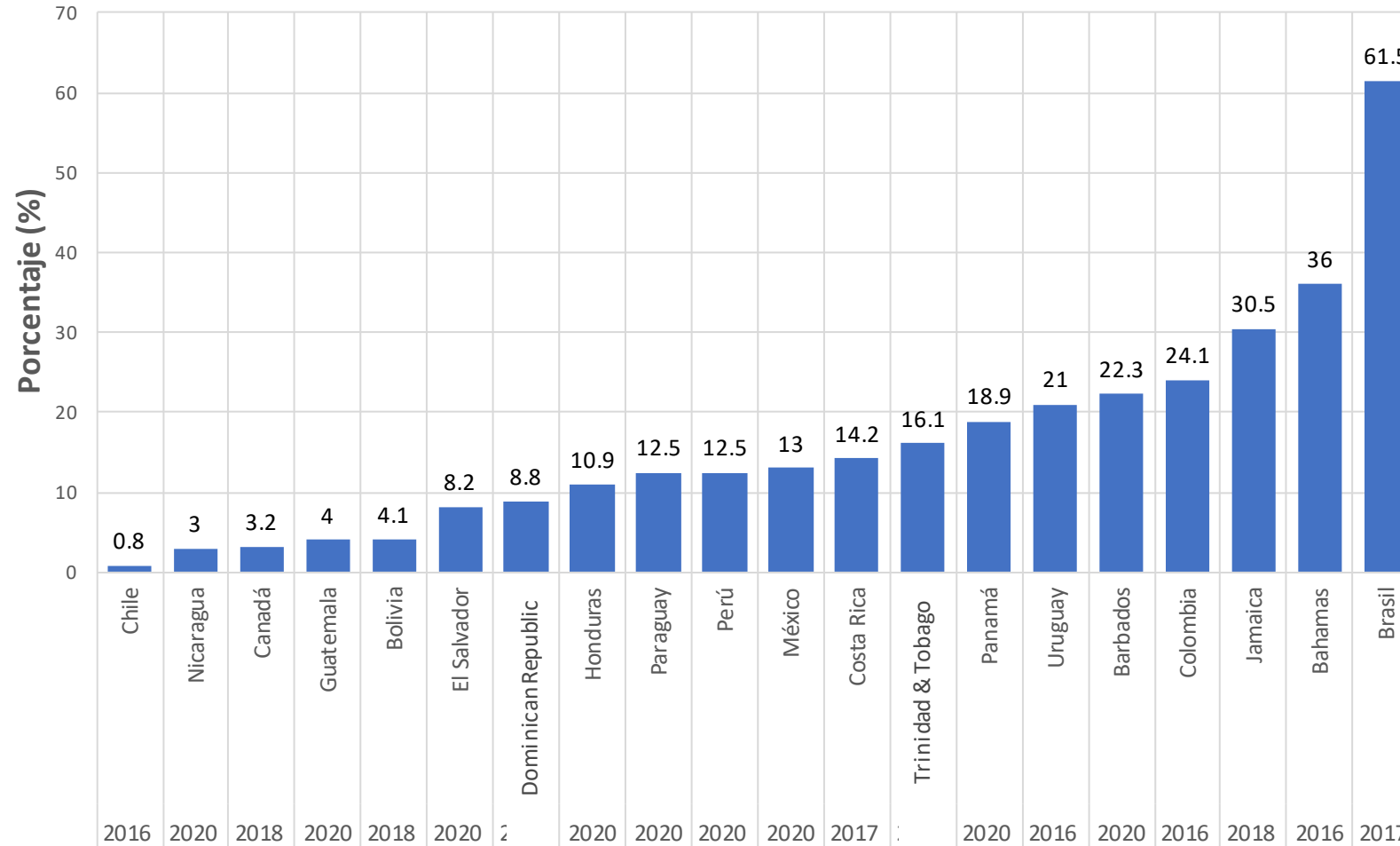
Source: PAHO, 2021. Global AIDS monitoring country responses, 2021.

Active syphilis among female sex workers, latest reported data - 2017-2020



Source: PAHO, 2021. Obtained from Spectrum HIV estimates 2020 and UNAIDS/WHO. Global AIDS monitoring country responses, 2021.

Active syphilis among MSM, latest reported data -2016-2019



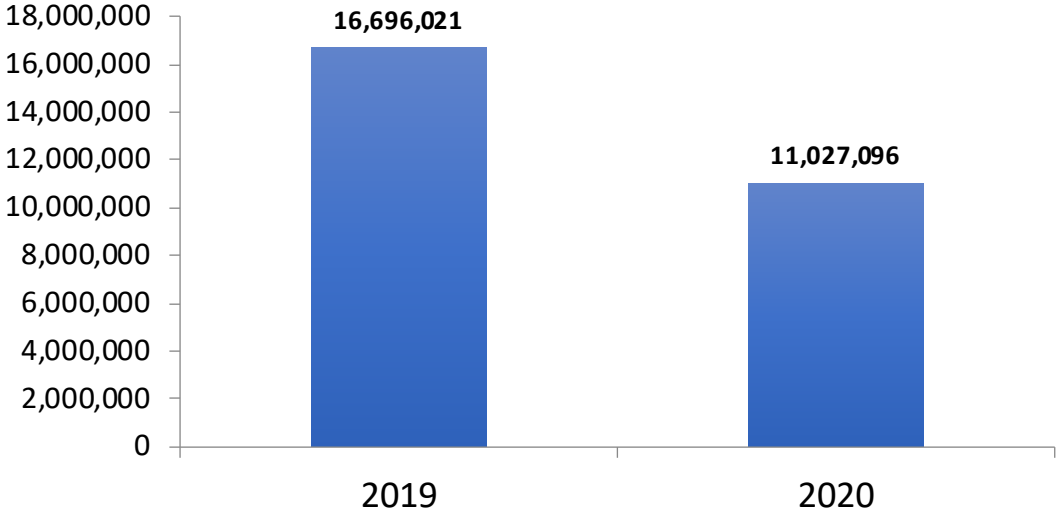
Source: PAHO, 2021. Obtained from Spectrum HIV estimates 2020 and UNAIDS/WHO. Global AIDS monitoring country responses, 2021.

Decrease in HIV testing and diagnosis, Latin America and the Caribbean, 2019-2020

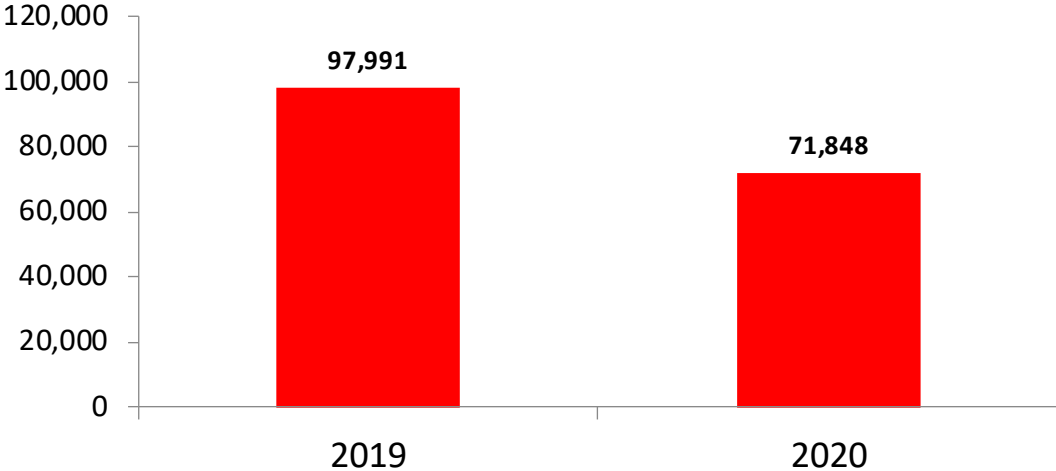
-34% of HIV test conducted in 2020 (as compared to 2019)

-27% in the number of people with a positive result in an HIV test in 2020 (as compared with 2019)

Total number of HIV tests conducted



HIV tests with a positive result



Source: PAHO, 2021. Developed from data country Global AIDS monitoring responses to UNAIDS/WHO, 2021. Data reported from 20 countries