

HIV epidemic and response in Latin America and the Caribbean

November 2020

PAHO



Pan American
Health
Organization



World Health
Organization
REGIONAL OFFICE FOR THE
Americas

Summary of HIV epidemic in the Americas, 2019

WHO Region
of the Americas

3.7 million

People living with HIV



+ 7%

New diagnoses annually
relative to 2010



- 20%

Deaths annually
relative to 2010



Source: UNAIDS/WHO estimates, 2020

New HIV infections and deaths 2010-2019

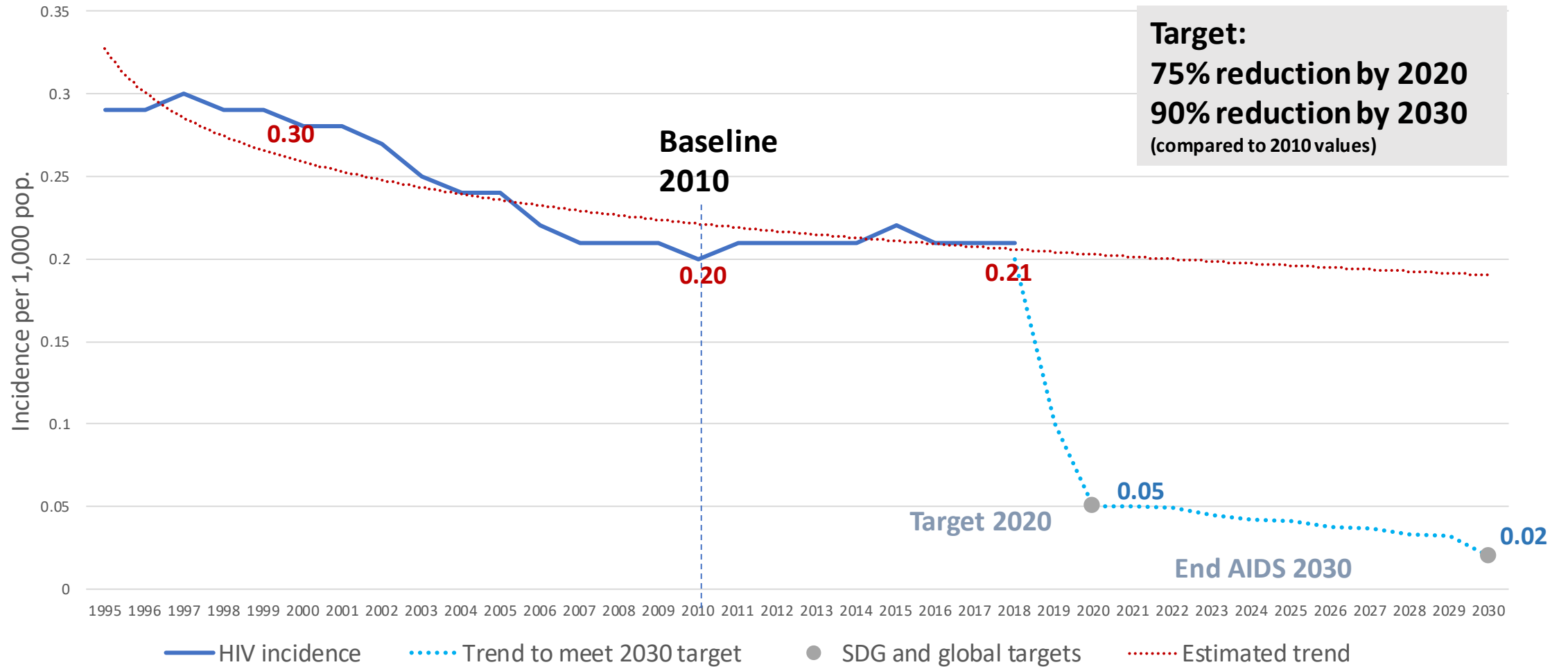
New HIV Infections

Region	Baseline 2010	2019	Percent difference with baseline (2019-2010)
Caribbean	18 000	13 000	-29%
Latin America	100 000	120 000	21%
Latin America and the Caribbean	120 000	130 000	14%
Region of the Americas	160 000	170 000	7%

AIDS Deaths

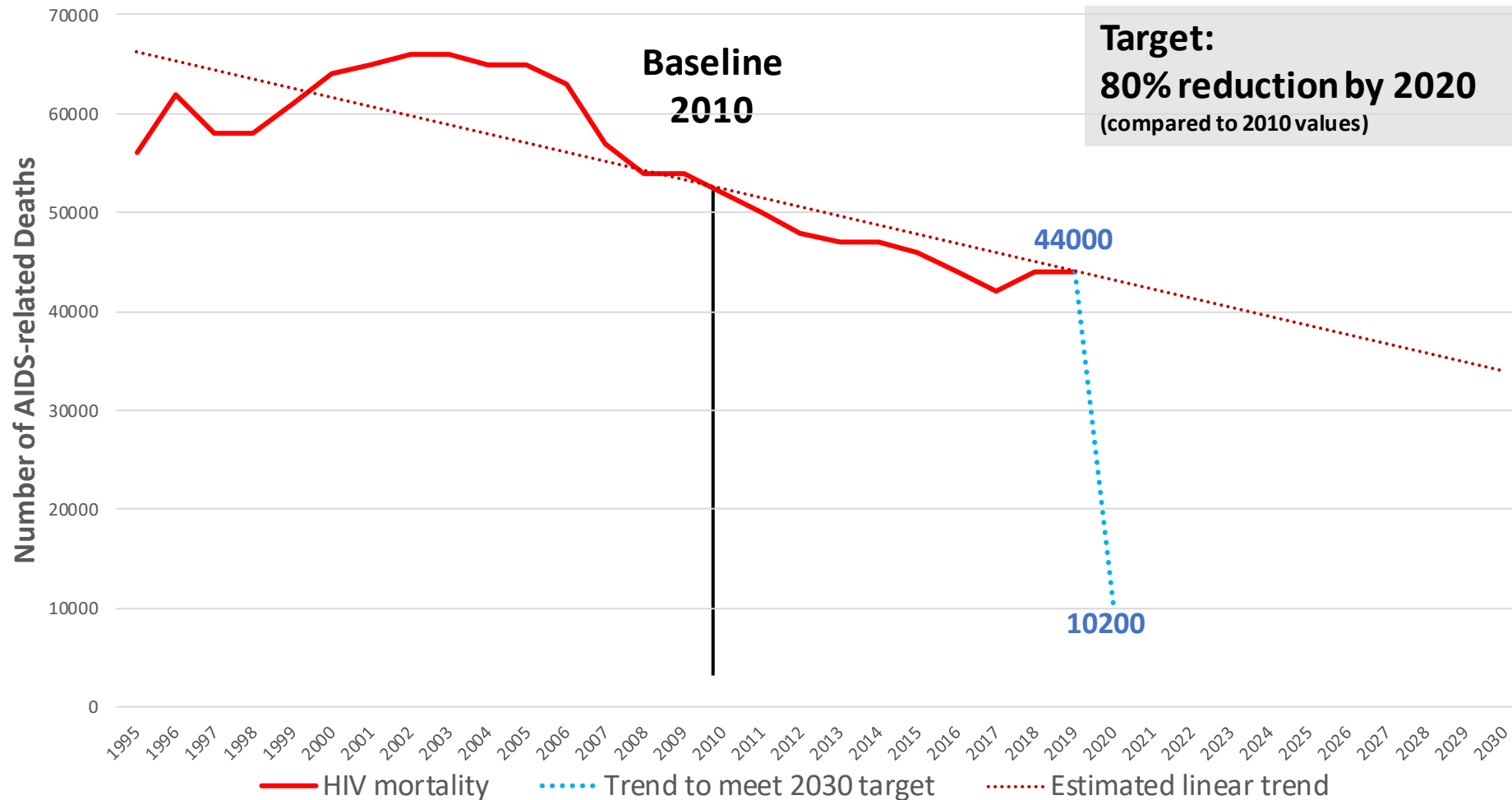
Region	Baseline 2010	2019	Percent difference with baseline (2019-2010)
Caribbean	11 000	6 900	-37%
Latin America	41 000	37 000	-8%
Latin America and the Caribbean	52 000	44 000	-15%
Region of the Americas	65 000	52 000	-20%

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



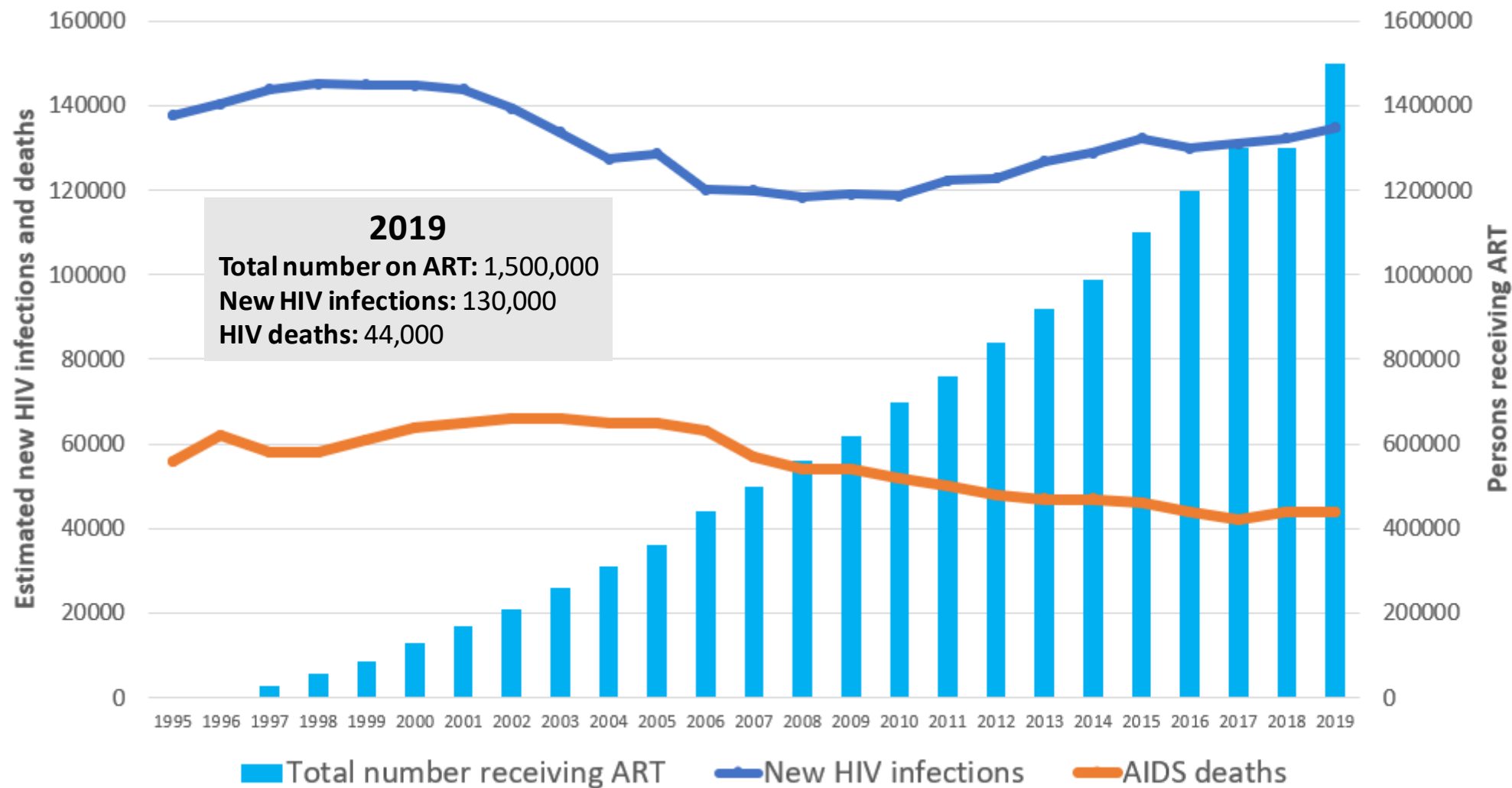
Source: PAHO, 2020. Developed from UNAIDS Spectrum HIV estimates 2020.

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



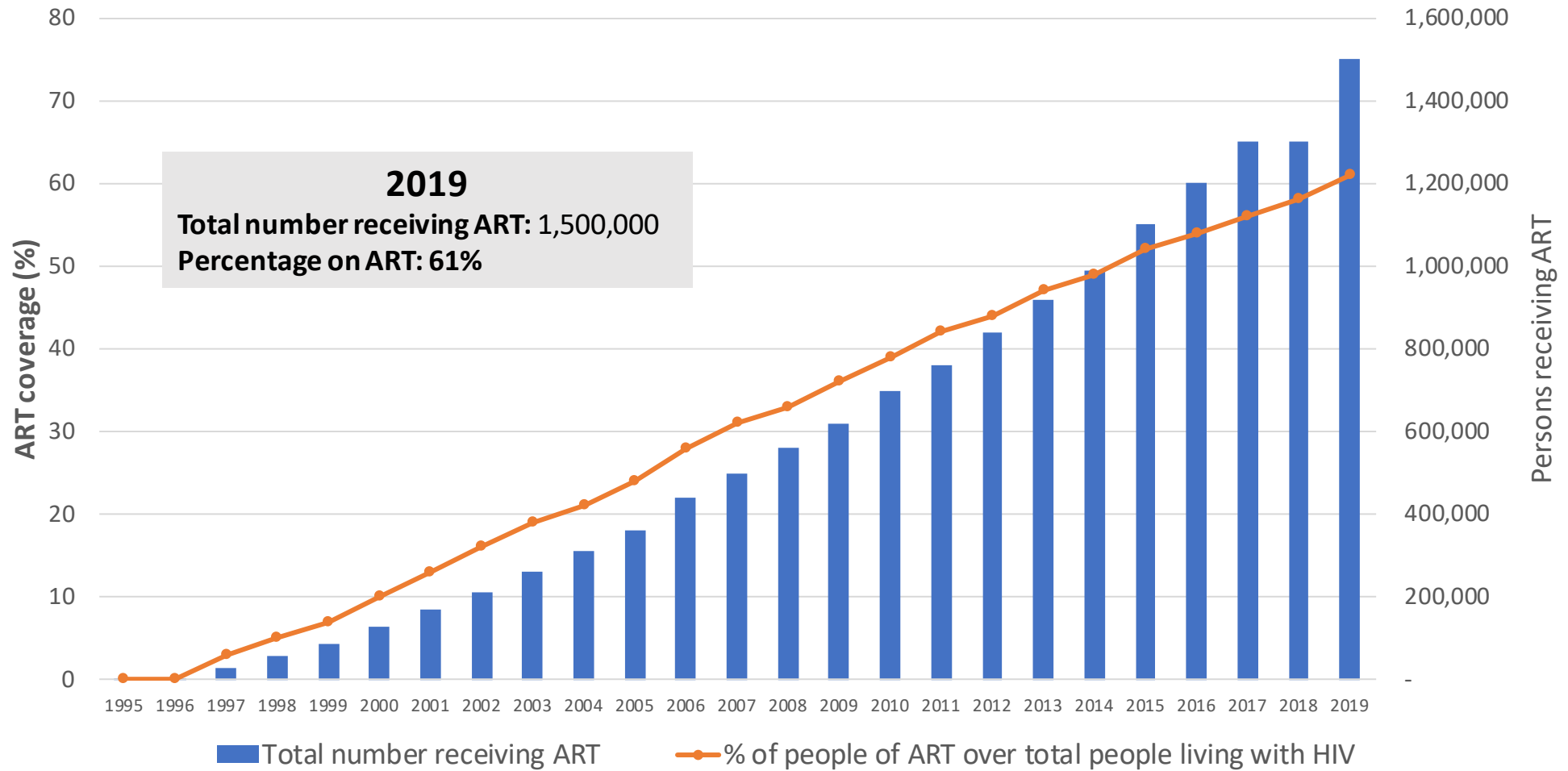
Source: PAHO, 2020. Developed from UNAIDS Spectrum HIV estimates 2020.

New HIV infections, deaths and persons living with HIV receiving ART in Latin America and the Caribbean, 1995-2019



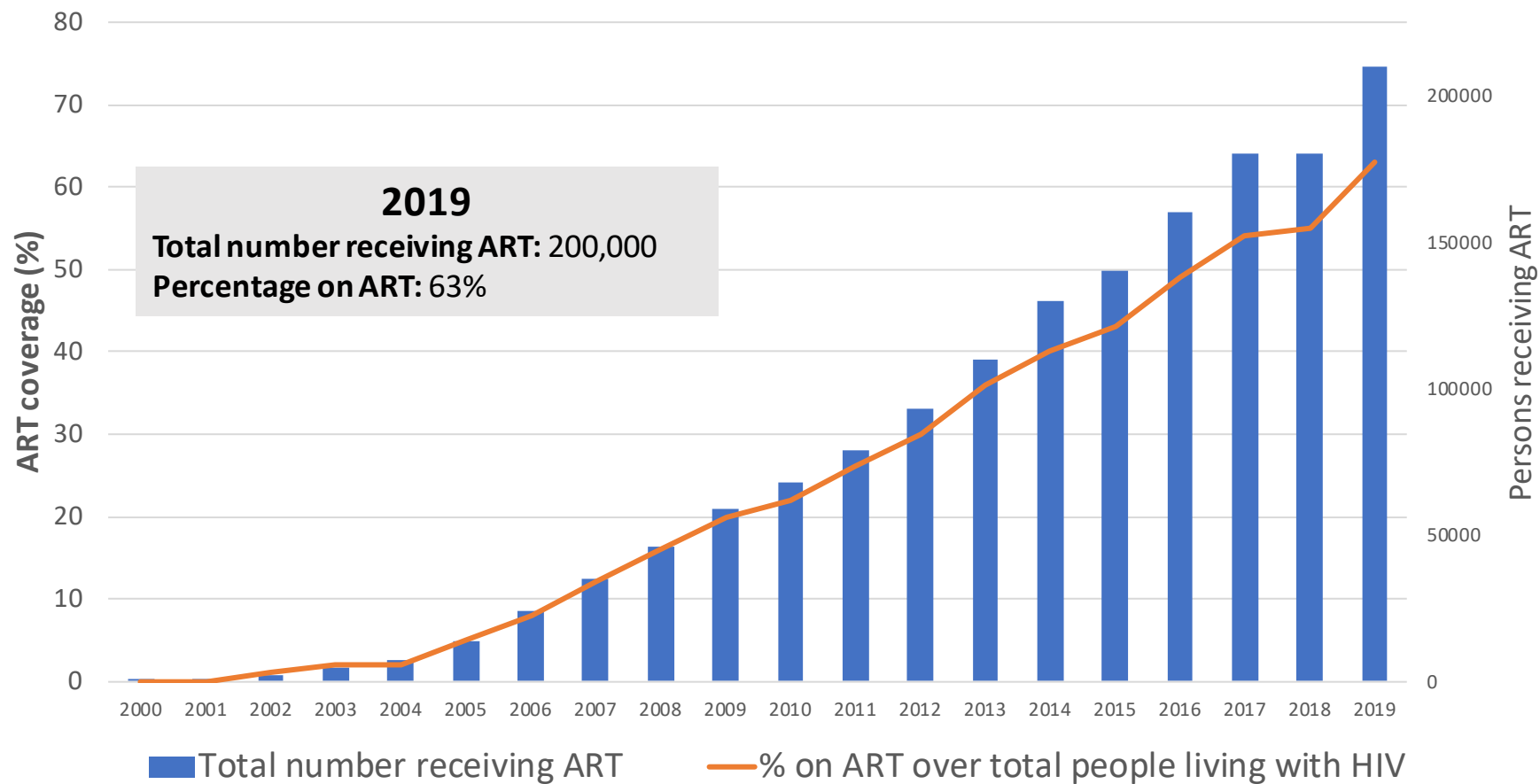
Source: PAHO, 2020. Based on the following data: UNAIDS. Spectrum HIV estimates 2020 and WHO/UNAIDS. GARPR and GAM country reports 2000-2019.

Antiretroviral treatment coverage in Latin America and the Caribbean, 1995-2019



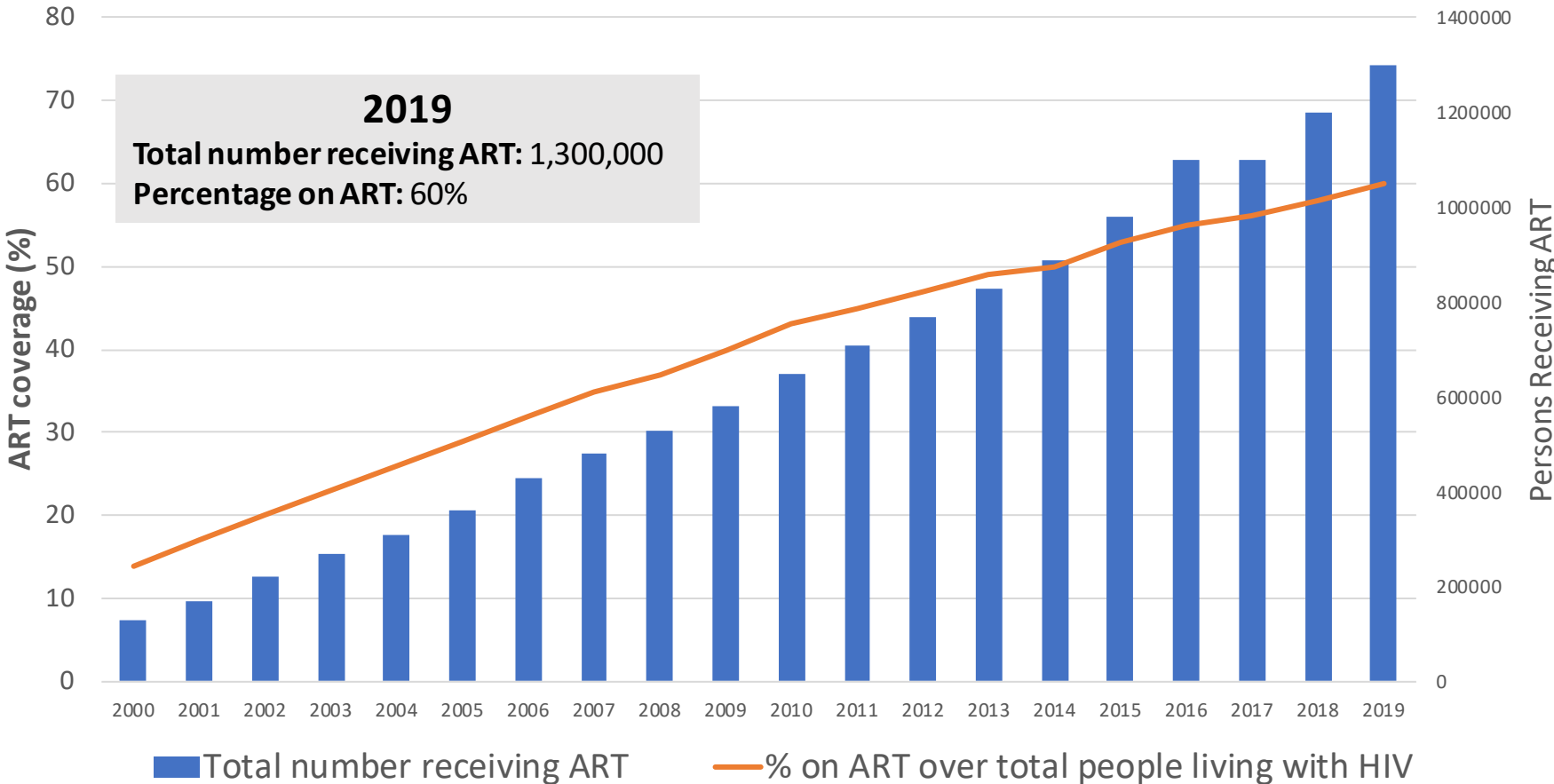
Source: PAHO, 2020. Based on the following data: UNAIDS. Spectrum HIV estimates 2020 and WHO/UNAIDS. GARPR and GAM country reports 2000-2019.

Antiretroviral treatment coverage in the Caribbean, 2000-2019



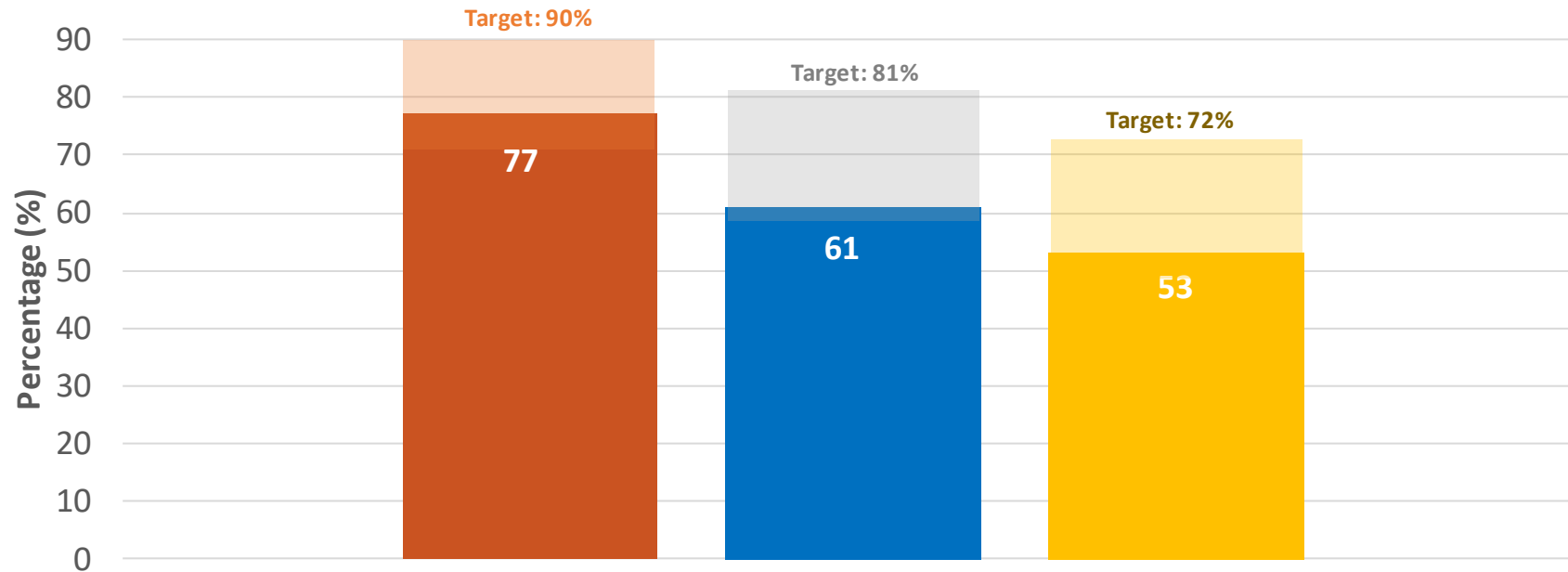
Source: PAHO, 2020. Based on the following data: UNAIDS. UNAIDS/WHO Spectrum HIV estimates 2020. GARPR and GAM country reports 2000-2019.

Antiretroviral treatment coverage in Latin America, 2000-2019



Source: PAHO, 2020. Based on the following data: UNAIDS. UNAIDS/WHO Spectrum HIV estimates 2020 and WHO/UNAIDS. GARPR and GAM country reports 2000-2019.

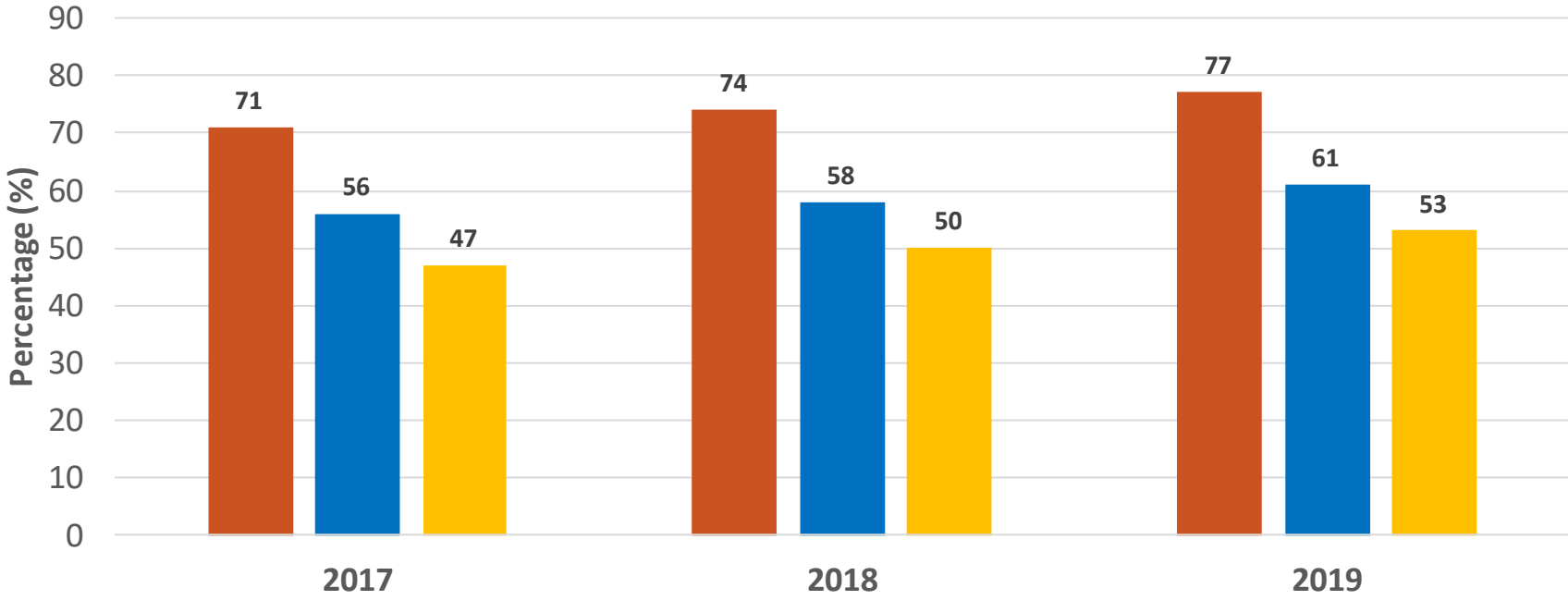
HIV cascade of care, Ending AIDS targets and gap in Latin America and the Caribbean, 2019



- Among people living with HIV- the percent who know their status
- Among people living with HIV- the percent on ART
- Among people living with HIV- the percent with suppressed viral load

Source: GAM country reported data and UNAIDS/WHO estimates, 2020.

HIV cascade of care in Latin America and the Caribbean, 2017-2019

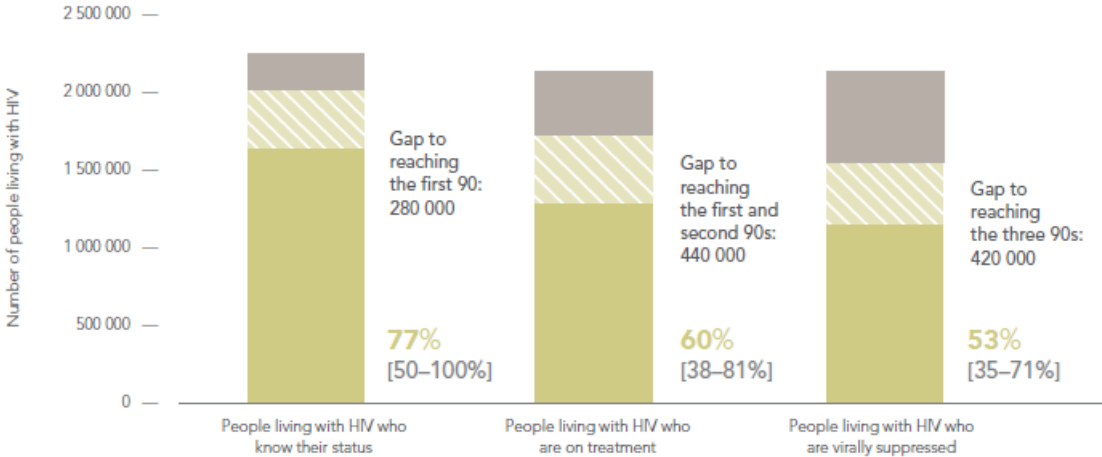


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- Among people living with HIV- the percent on ART
- Among people living with HIV- the percent with suppressed viral load

Source: GAM country reported data and UNAIDS/WHO estimates, 2020.

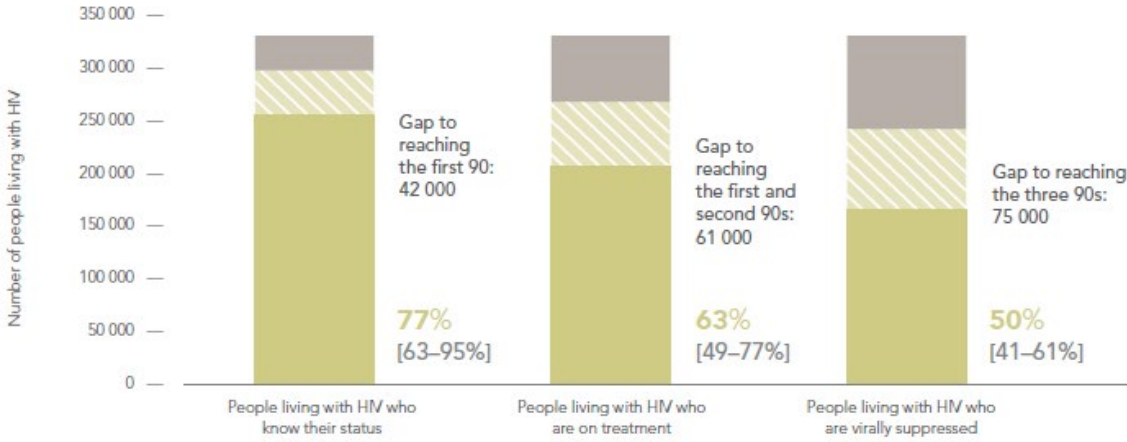
HIV cascade of care, Ending AIDS targets and gap in Latin America and the Caribbean, 2019

Latin America



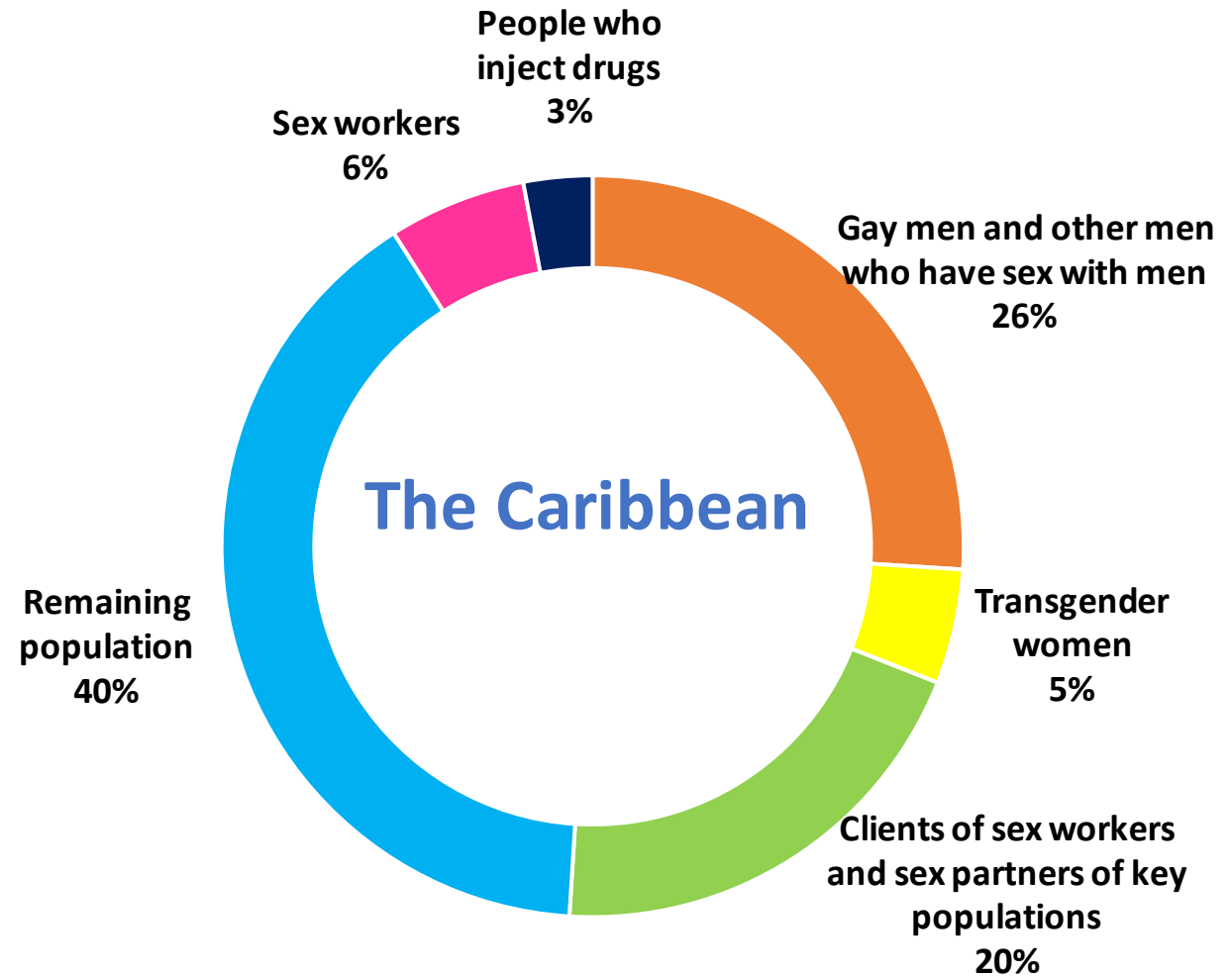
Source: UNAIDS special analysis, 2020 (see methods annex).

The Caribbean



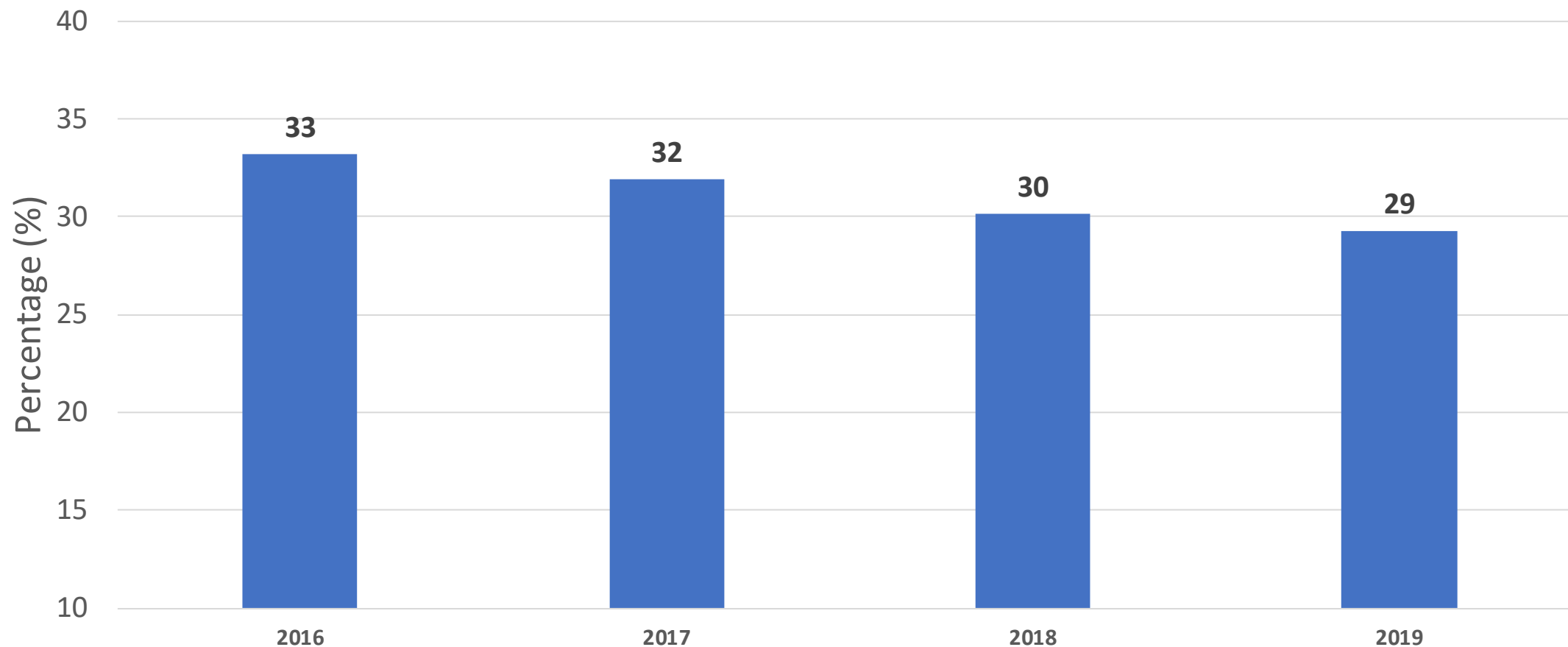
Source: UNAIDS special analysis, 2020 (see methods annex).

Distribution of new HIV infections (aged 15–49 years), by population group, Latin America and the Caribbean, 2019



Source: GAM country reported data and UNAIDS/WHO estimates, 2020.

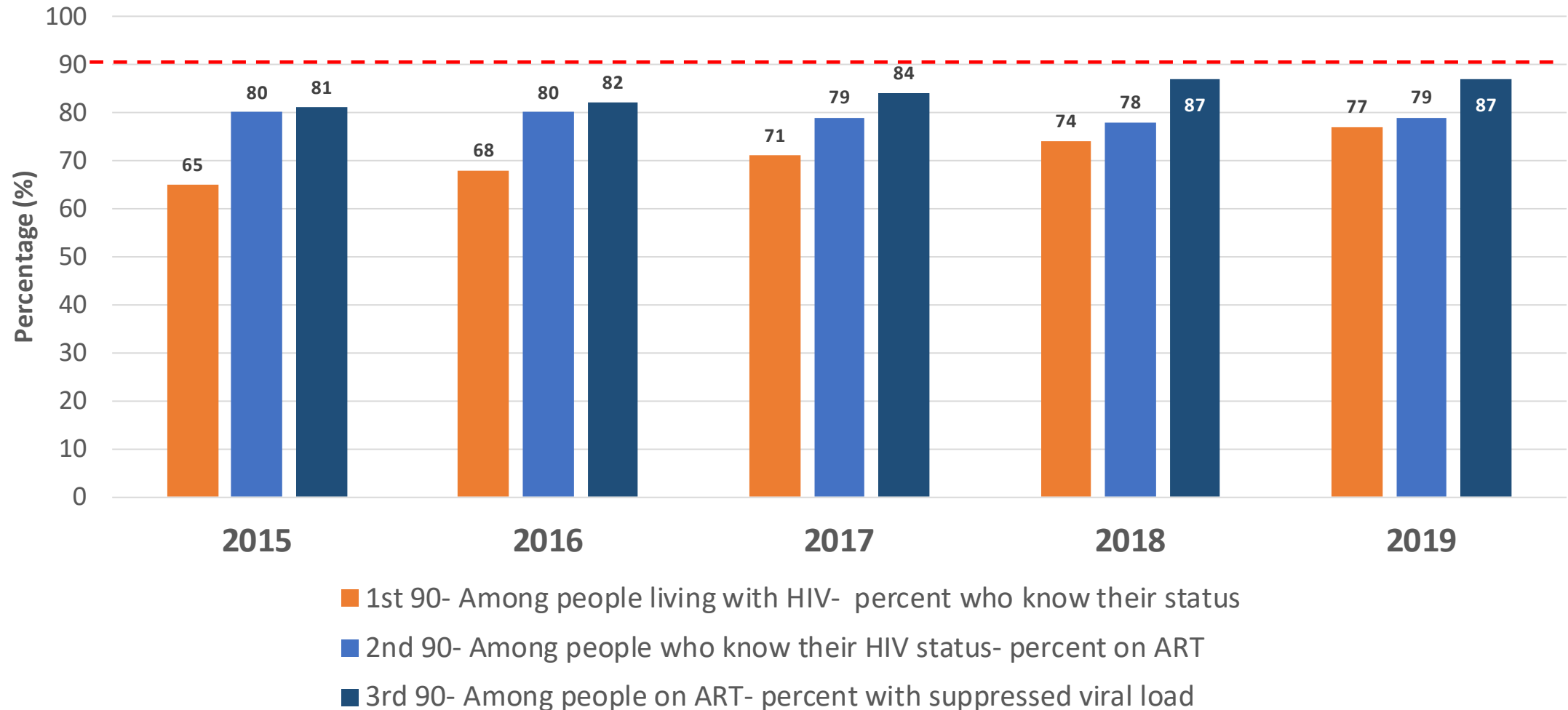
Persons with late HIV diagnosis (baseline CD4<200 cell/mm³) (%) in Latin America and the Caribbean, 2016-2019



Source: PAHO, 2020. Based on data reported by countries in GAM country reports 2016-2019.

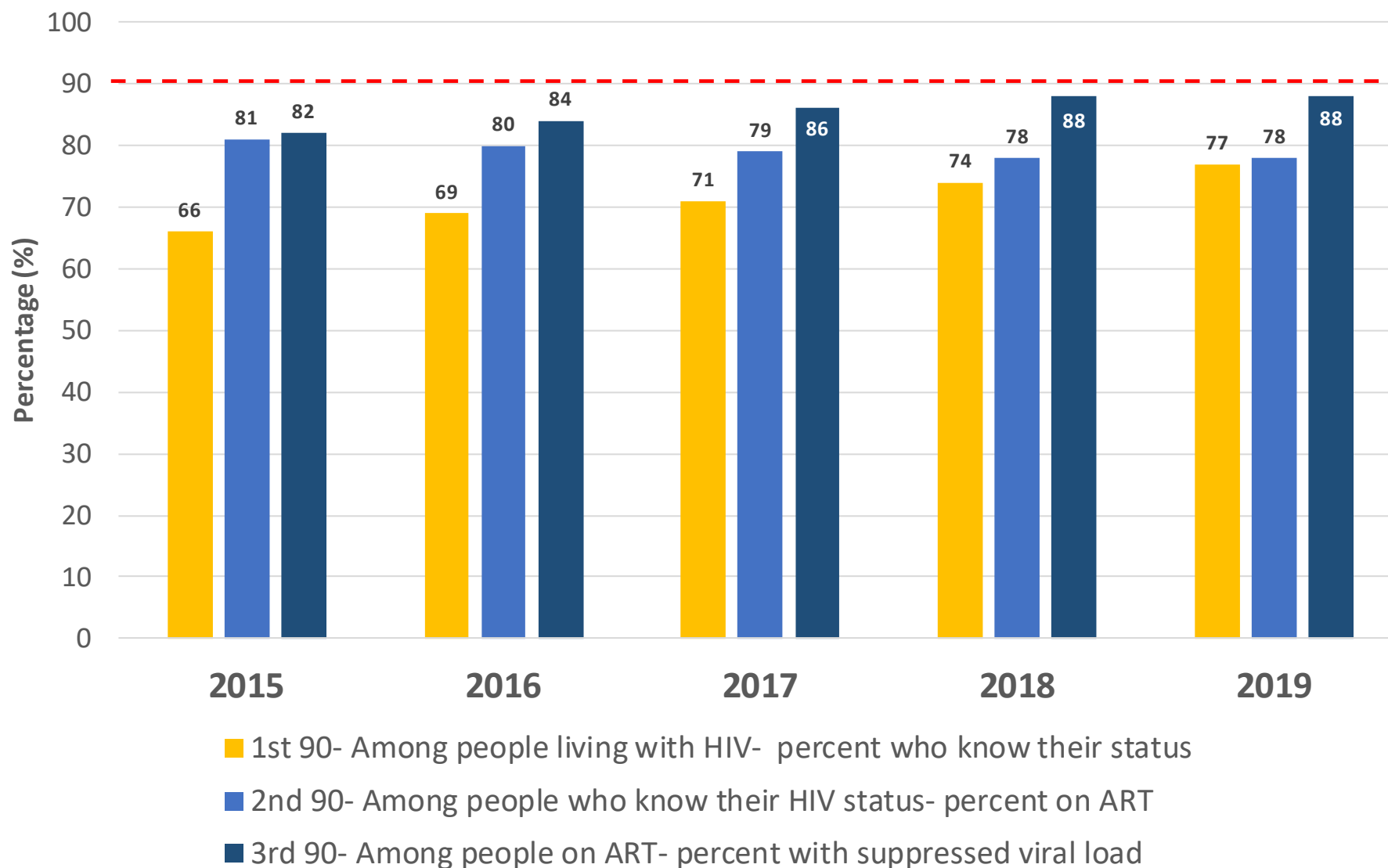
Note: Median values from over 22 reporting countries. Improvements mainly in 6 countries.

90-90-90 targets and results, in Latin America and the Caribbean, 2015 -2019



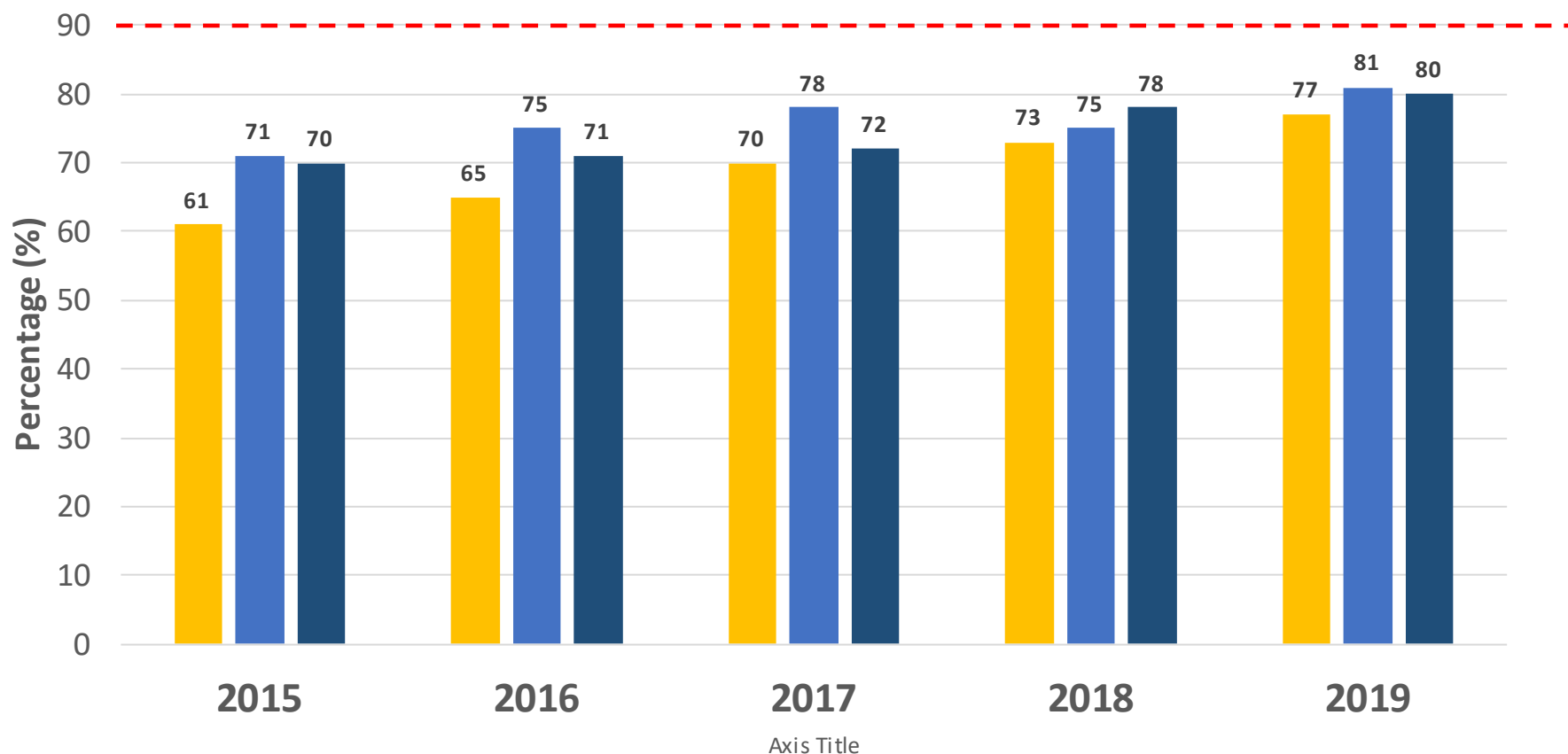
Source: PAHO, 2020. Obtained from GAM country reported data and UNAIDS/WHO estimates, 2020.

90-90-90 targets and results, in Latin America, 2015 -2019



Source: PAHO, 2020. Obtained from GAM country reported data and UNAIDS/WHO estimates, 2020.

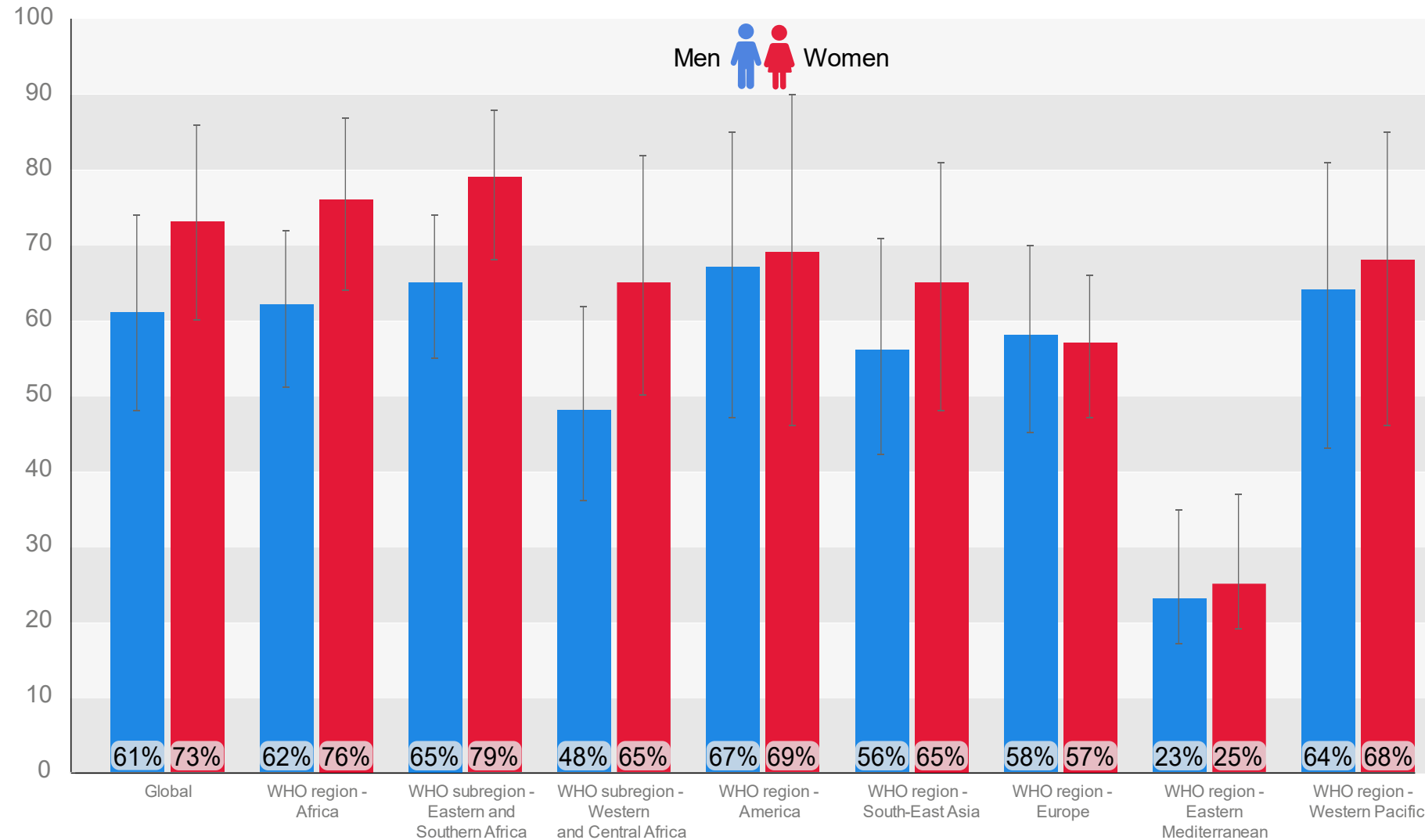
90-90-90 targets and results, in The Caribbean, 2015 -2019



- 1st 90- Among people living with HIV- percent who know their status
- 2nd 90- Among people who know their HIV status- percent on ART
- 3rd 90- Among people on ART- percent with suppressed viral load

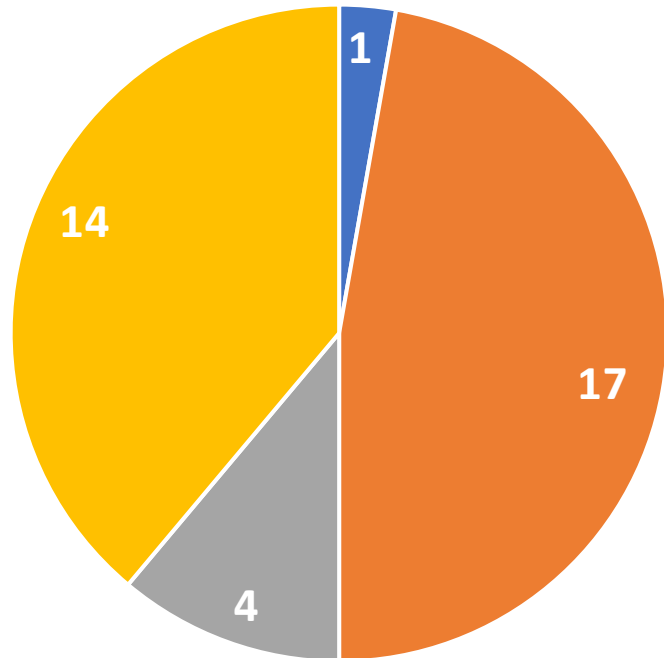
Source: PAHO, 2020. Obtained from GAM country reported data and UNAIDS/WHO estimates, 2020.

ART coverage by sex among adults per WHO Region (2019)



Source: WHO HIV update: global epidemic, progress in scale-up and policy uptake, 2020.

ARV disruptions due to COVID-19, in Latin America and the Caribbean, October 2020

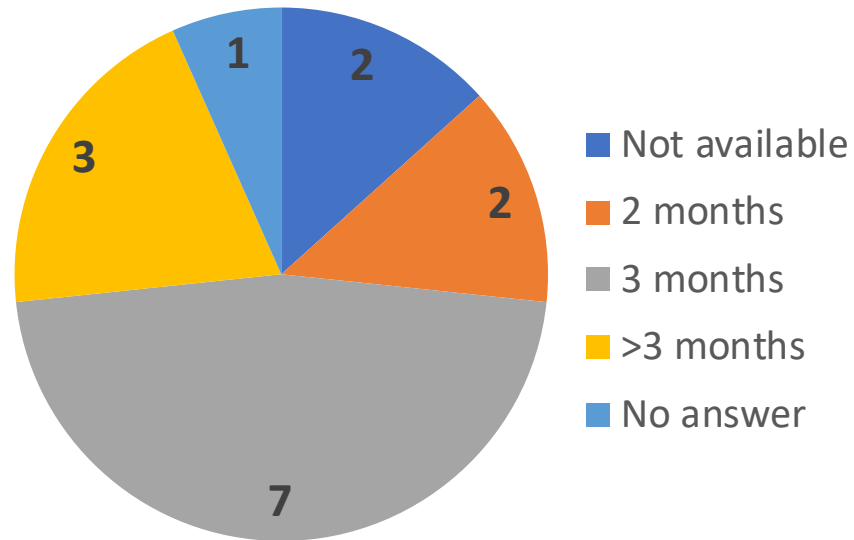


- One country suffered disruption consisting of delayed supply or stock-out of ARVs, reagents, and medicines for opportunistic infections.
- Countries had to accelerate or operationalize unplanned transitions, use alternative ARVs or regimens, etc. this has caused a lot of stress on programs, services and users, but the risk of stock-outs has been minimized.
- Data not available for 14 countries (stock information was not reported to PAHO). However, in these countries supply chain management for ARVs was not significantly affected.

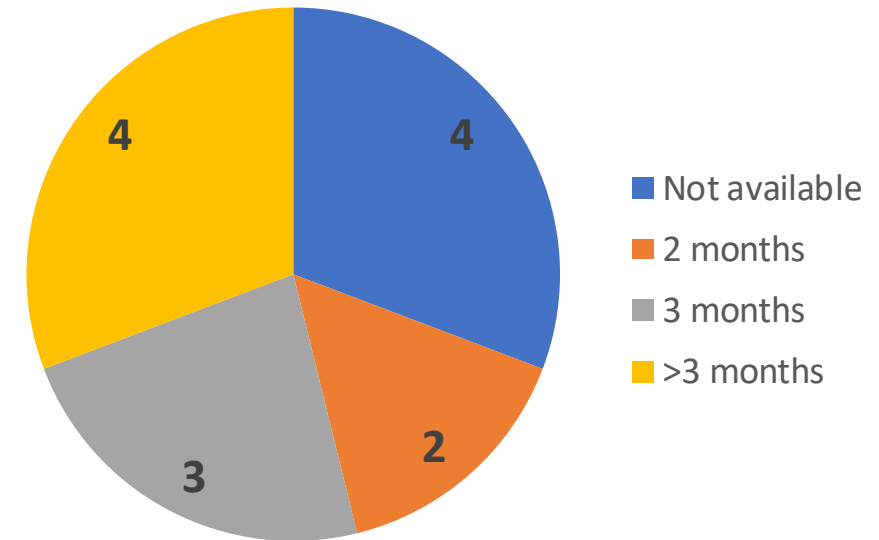
Results compiled from a survey conducted by WHO April-June 2020 and last updated October 2020

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

Latin America (n=15 countries)

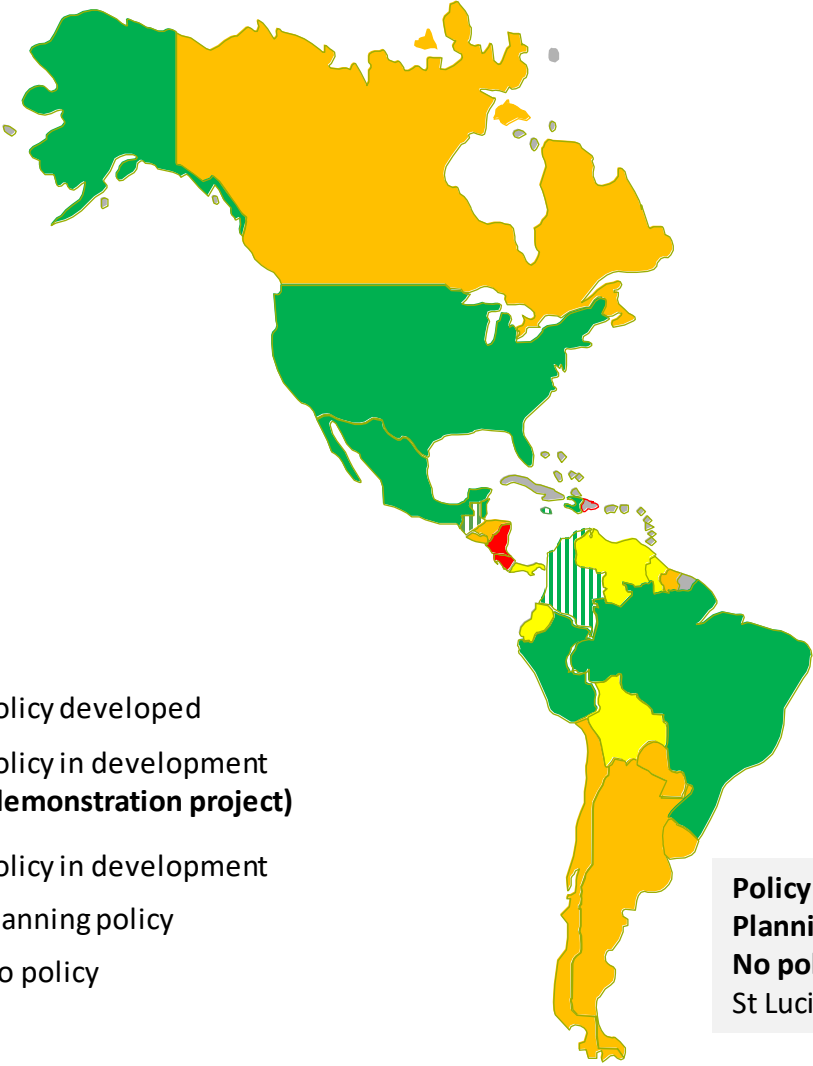


The Caribbean (n=13 countries)



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

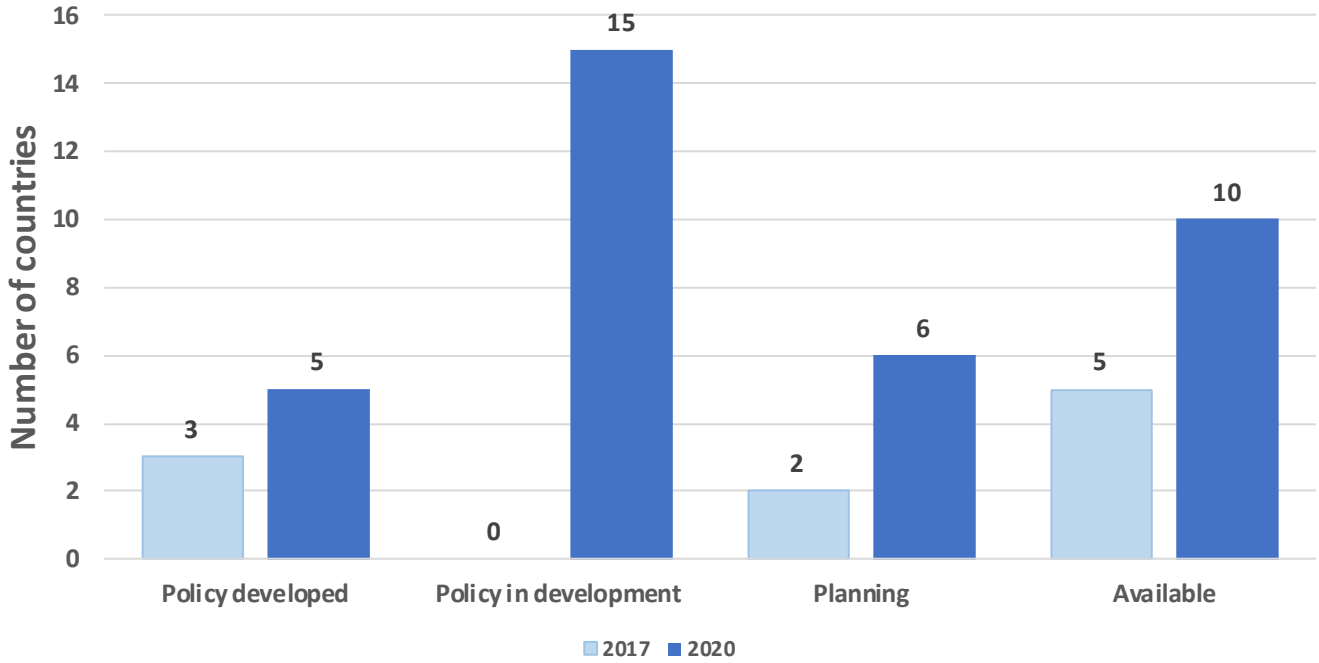
Status of HIV self-testing (HIVST) in national policies, updated July 2020



- Policy developed
- ▨ Policy in development (demonstration project)
- Policy in development
- Planning policy
- No policy

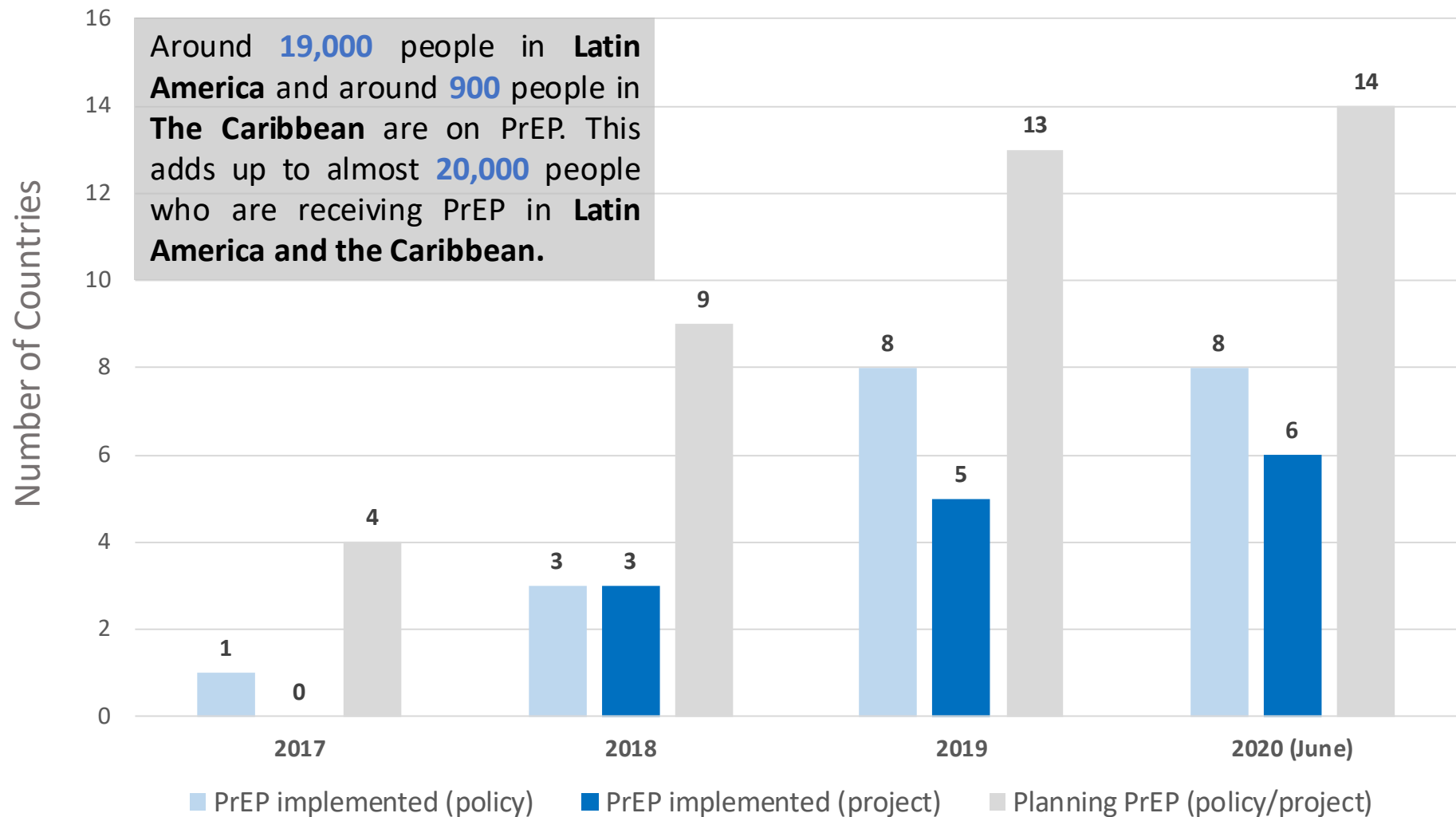
Policy in development: Bahamas, Trinidad and Tobago
Planning policy: Barbados
No policy: Antigua & Barbuda, Dominica, Grenada, St Kitts & Nevis, St Lucia, St Vincent & Grenadines

Comparison HIVST implementation in the Americas, 2017 and 2020



Source: PAHO, 2020. GAM country reports and direct country communication 2020.

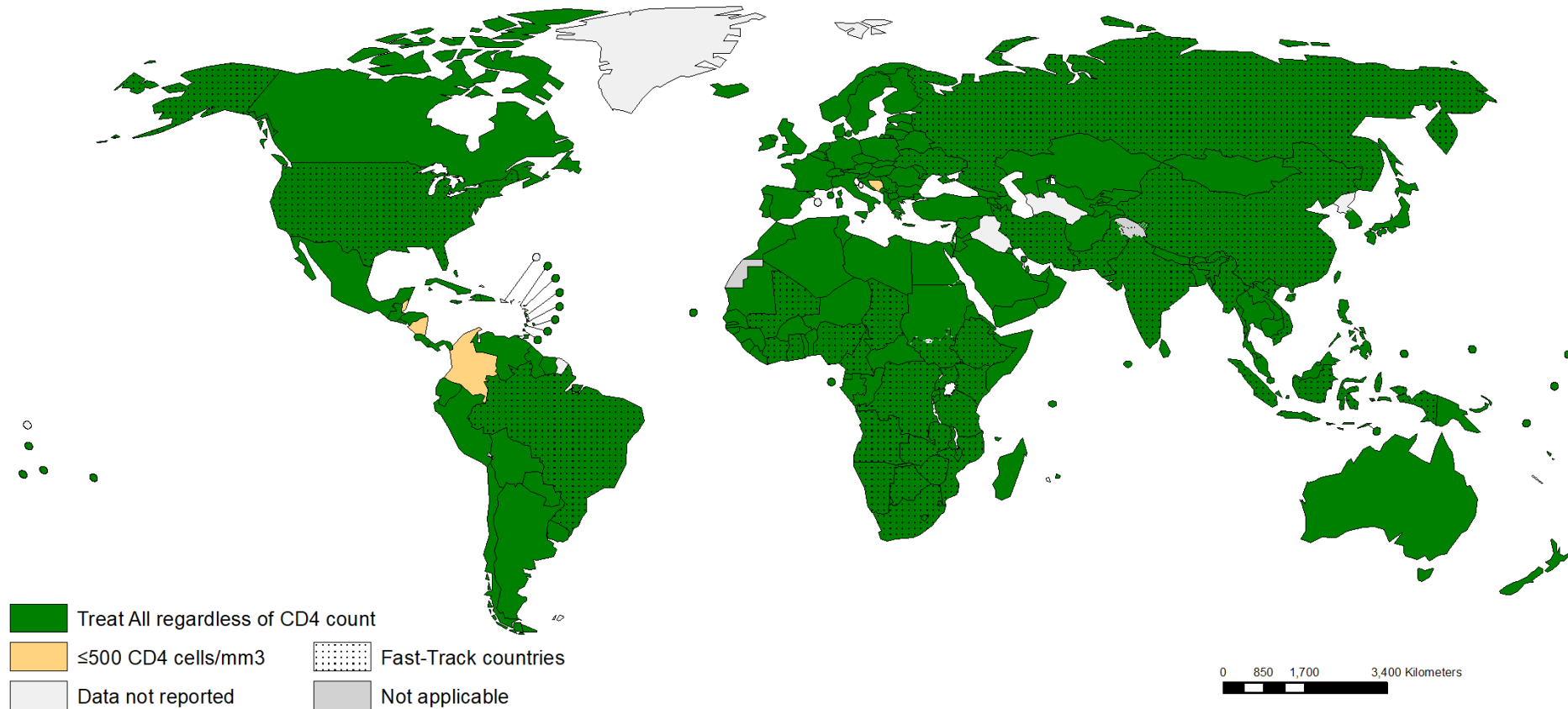
PrEP Implementation in Latin America and the Caribbean, 2017-2020



Source: PAHO, 2020. GAM country reports and direct country communication 2020.

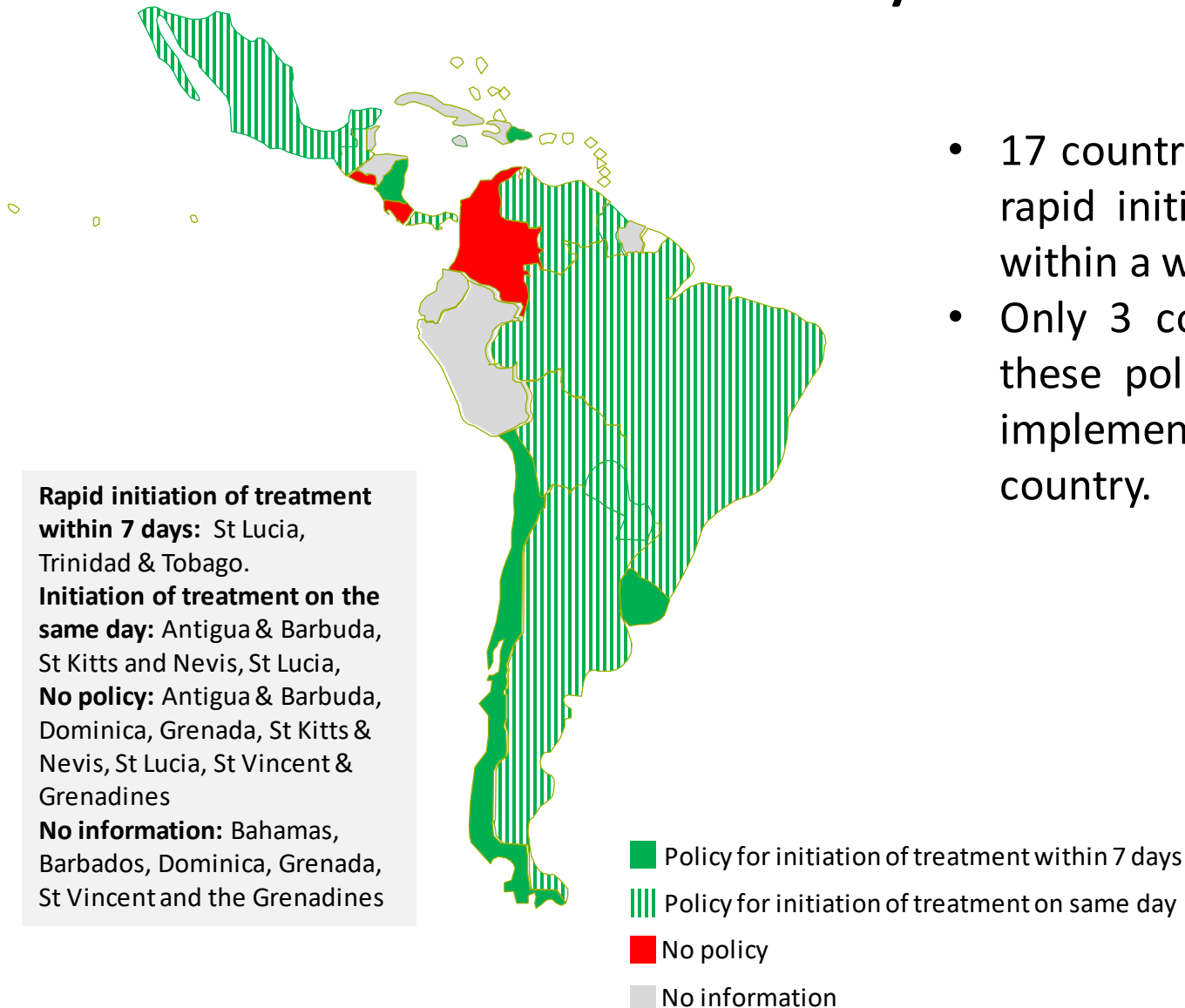
“Treat all” policy uptake for adult and adolescents living with HIV

(data as of end June 2020)



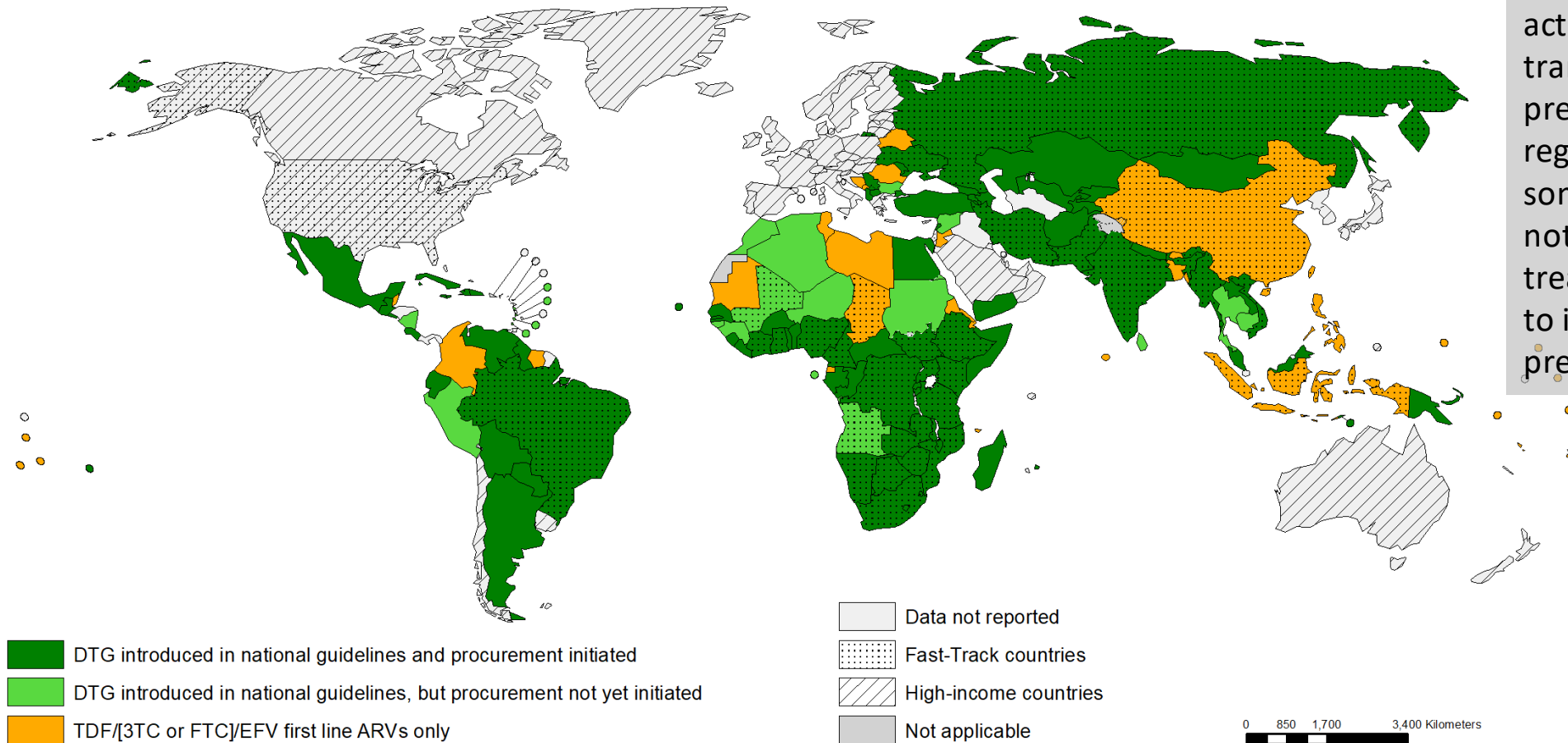
Disclaimer: The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation 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, July 2020



- 17 countries reported the availability of policies for rapid initiation of treatment (on the same day or within a week).
- Only 3 countries reported full implementation of these policies, and 4 countries reported that this implementation was not still effective across the country.

Preferred first line regimen among adults and adolescents in low- and middle-income countries, 2020

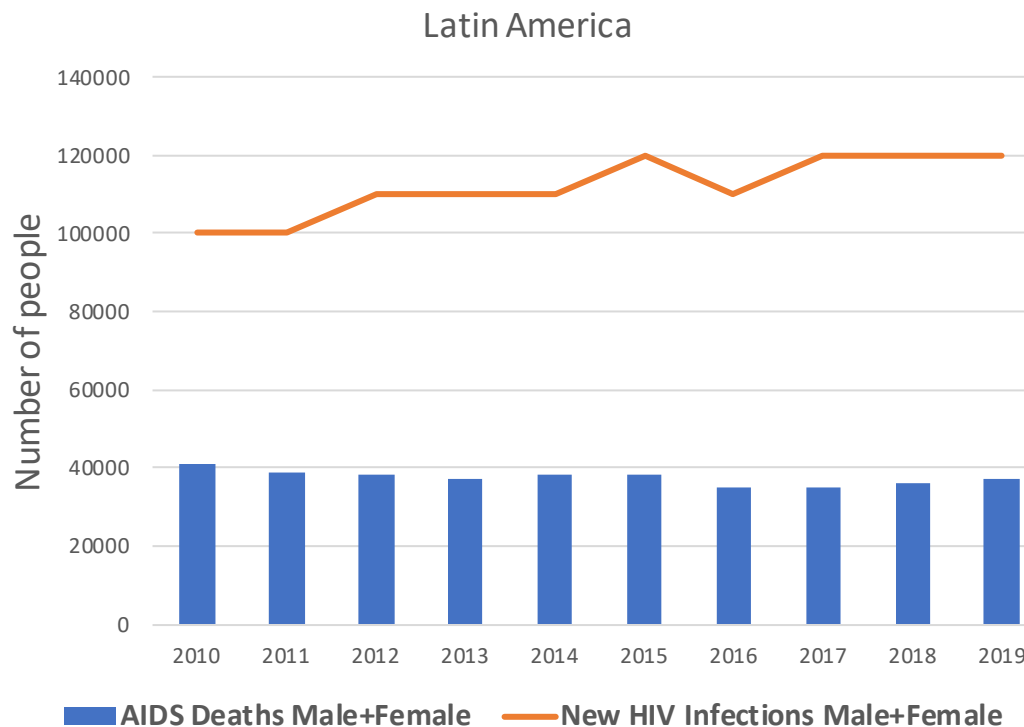
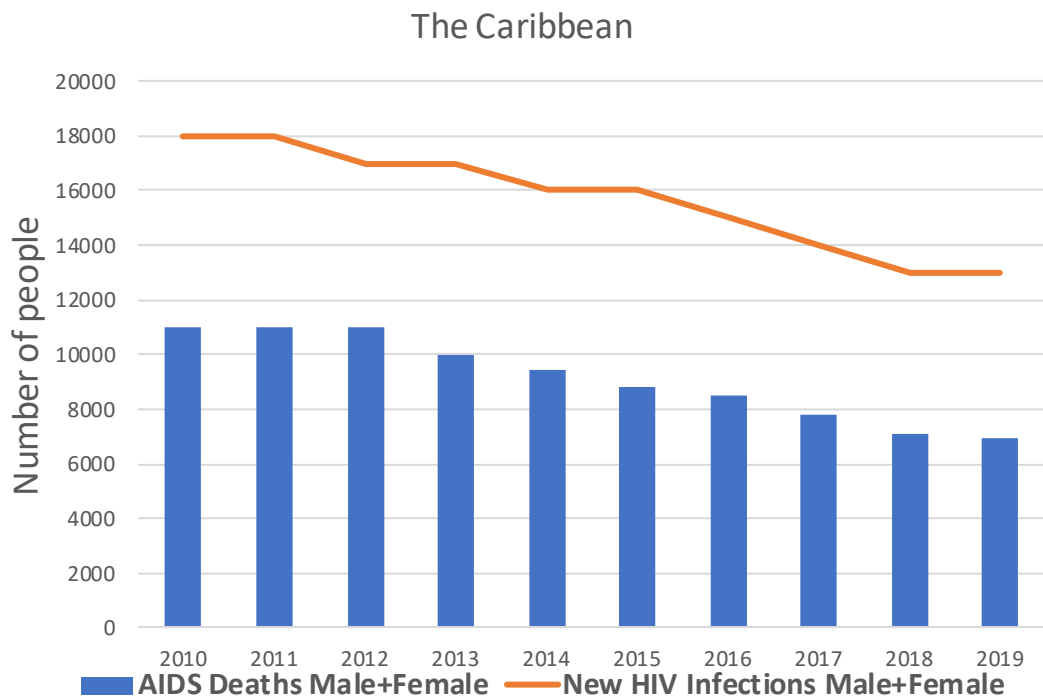


Overall 26/33 (79%) countries in LAC have actively initiated transition to DTG as preferred 1st line regimen. However, some countries have not yet updated their treatment guidelines to incorporate TLD as preferred regimen.

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.

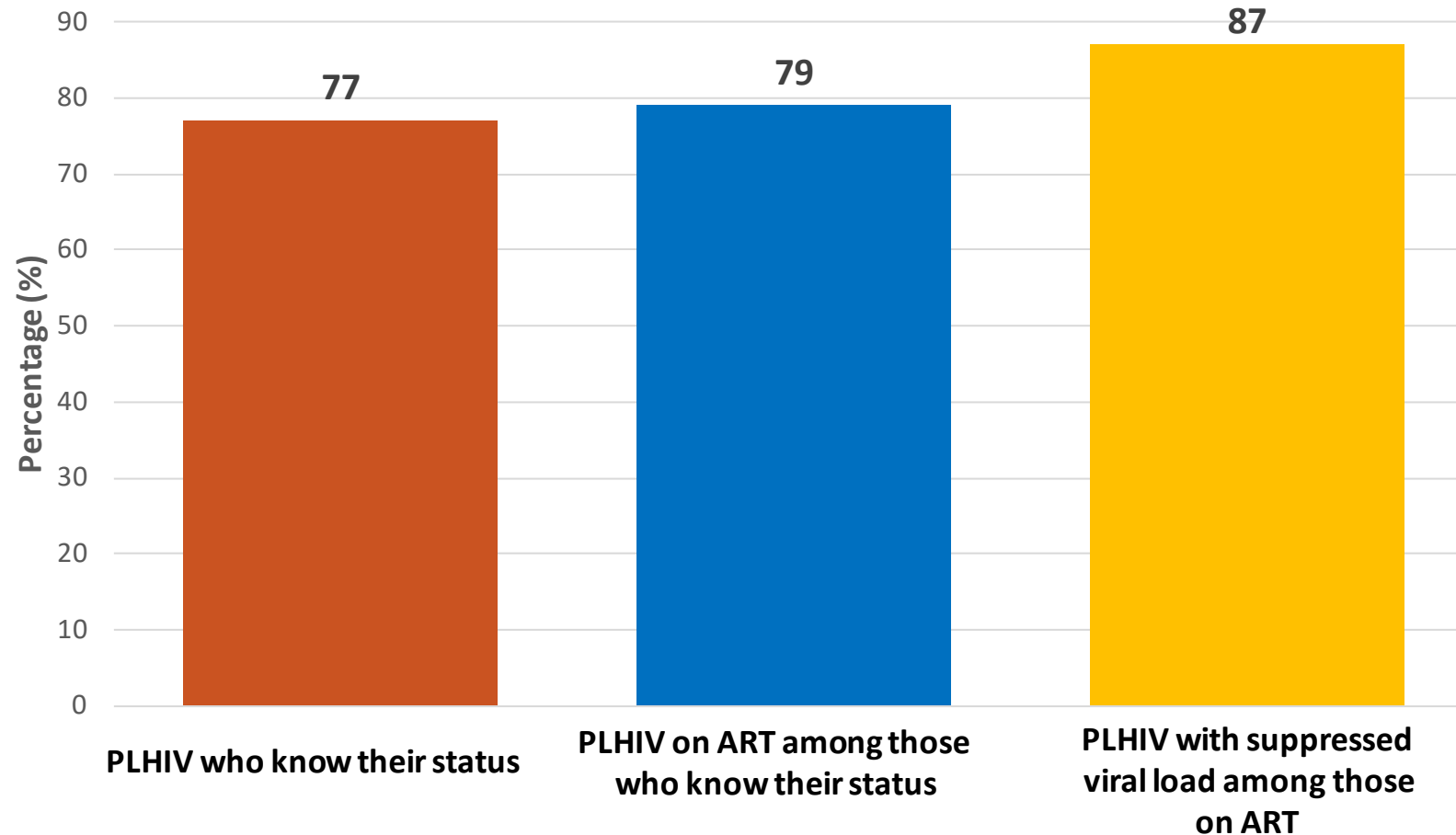
Source: Global AIDS Monitoring (UNAIDS/WHO/UNICEF) and WHO Country Intelligence Tool, 2020.
Note: While guidelines have not been updated **Suriname** has TLD as preferred 1st line since 2019.

Estimated new HIV infections and AIDS deaths in Latin America and the Caribbean, 2004-2019



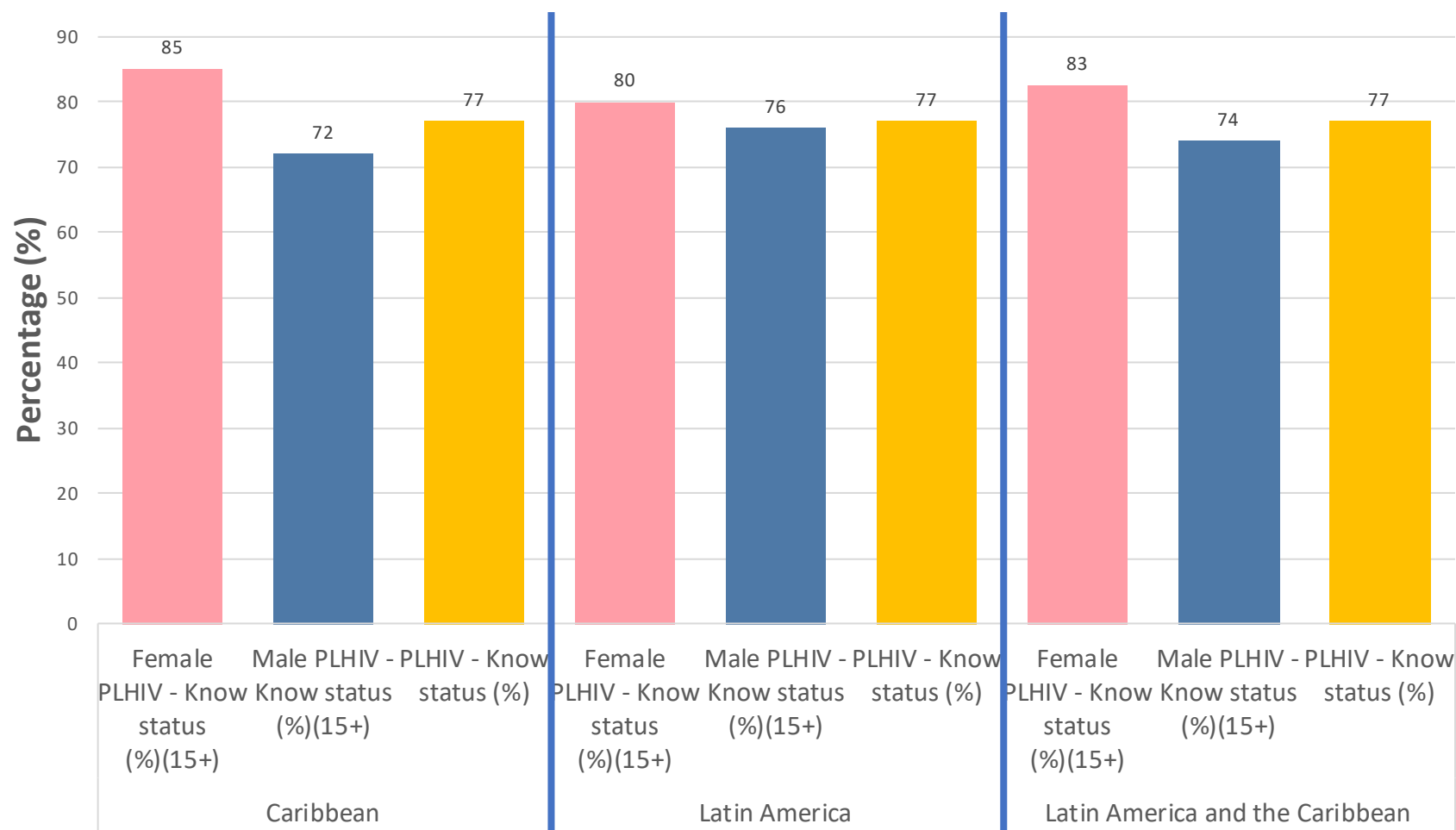
Source: UNAIDS/WHO Spectrum HIV estimates 2020. Global AIDS monitoring country responses, 2020.

Latin America and the Caribbean towards 90 90 90 Targets, 2019



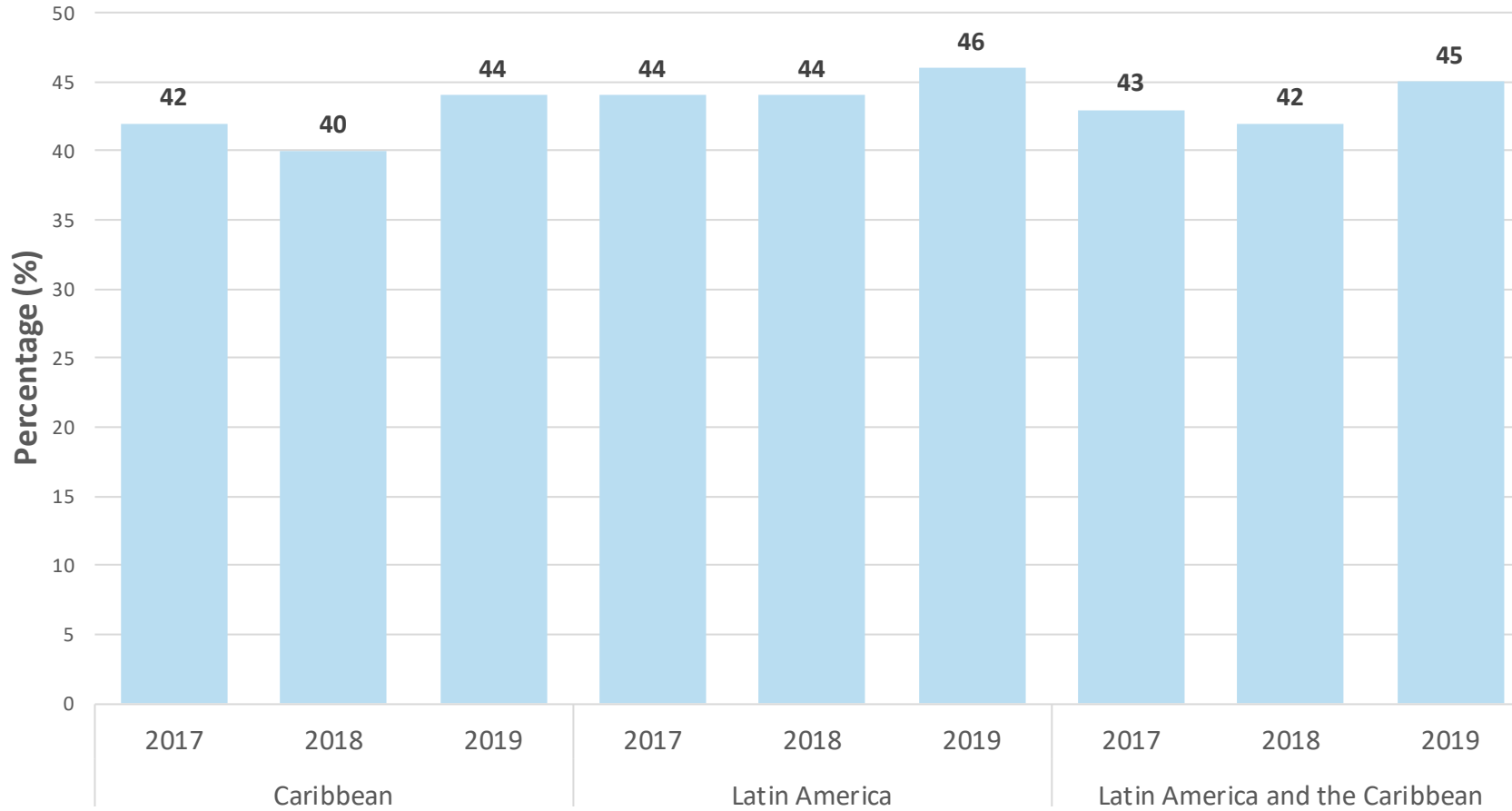
Source: UNAIDS/WHO Spectrum HIV estimates 2020 and UNAIDS/WHO. Global AIDS monitoring country responses, 2020.

People with HIV that know their status, by sex in Latin America and the Caribbean (%), 2019



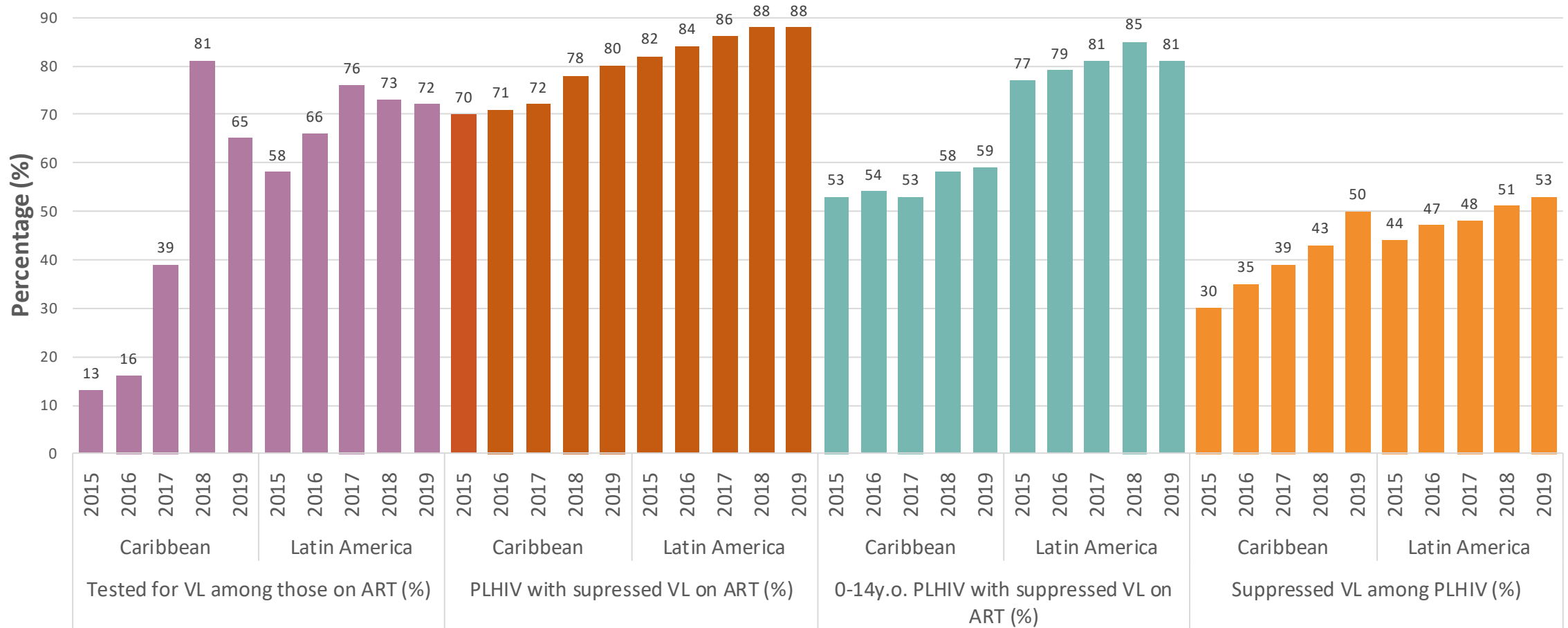
Source: UNAIDS. Spectrum HIV estimates 2019 and UNAIDS/WHO. Global AIDS monitoring country responses, 2020.

Children (0-14 years old) receiving antiretroviral treatment (%), by subregion in Latin America and the Caribbean, 2017-2019



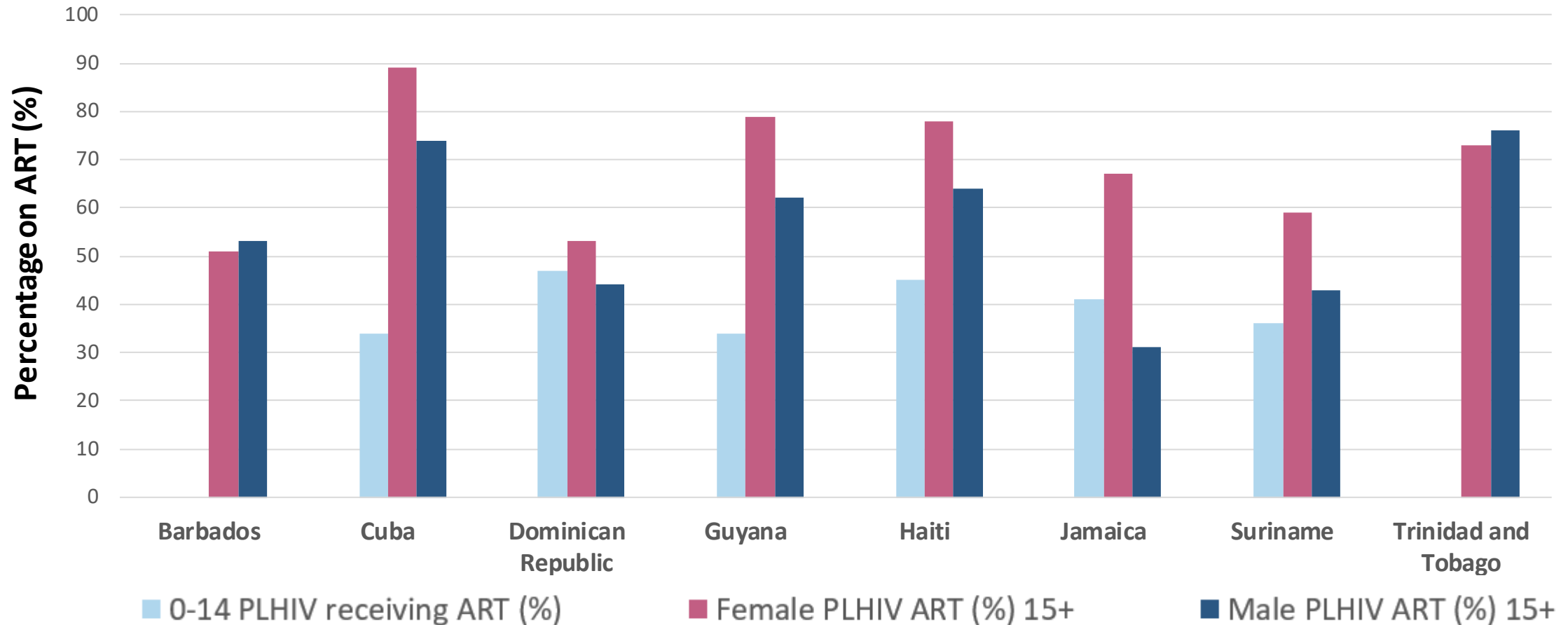
Source: UNAIDS. Spectrum HIV estimates 2019 and UNAIDS/WHO. Global AIDS monitoring country responses, 2020.

Viral load testing and suppression, in Latin America and the Caribbean, 2015-2019



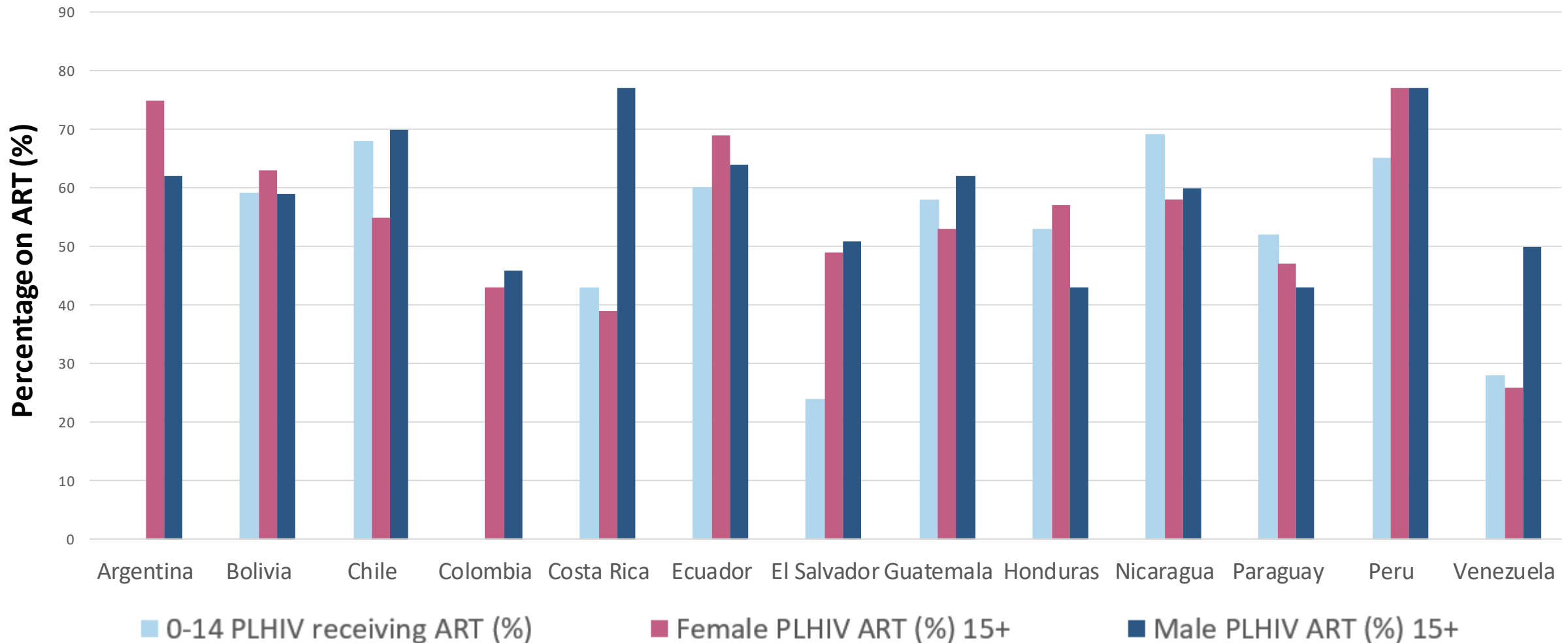
Source: UNAIDS. Spectrum HIV estimates 2019 and UNAIDS/WHO. Global AIDS monitoring country responses, 2020.

Persons receiving antiretroviral treatment by country, by age group and sex, in the Caribbean 2016-2019



Source: PAHO, 2020. Obtained from Spectrum HIV estimates 2019 and UNAIDS/WHO. Global AIDS monitoring country responses, 2020.

Percentage of persons receiving antiretroviral treatment among persons with HIV by country, by age group and sex, in Latin America 2016-2019



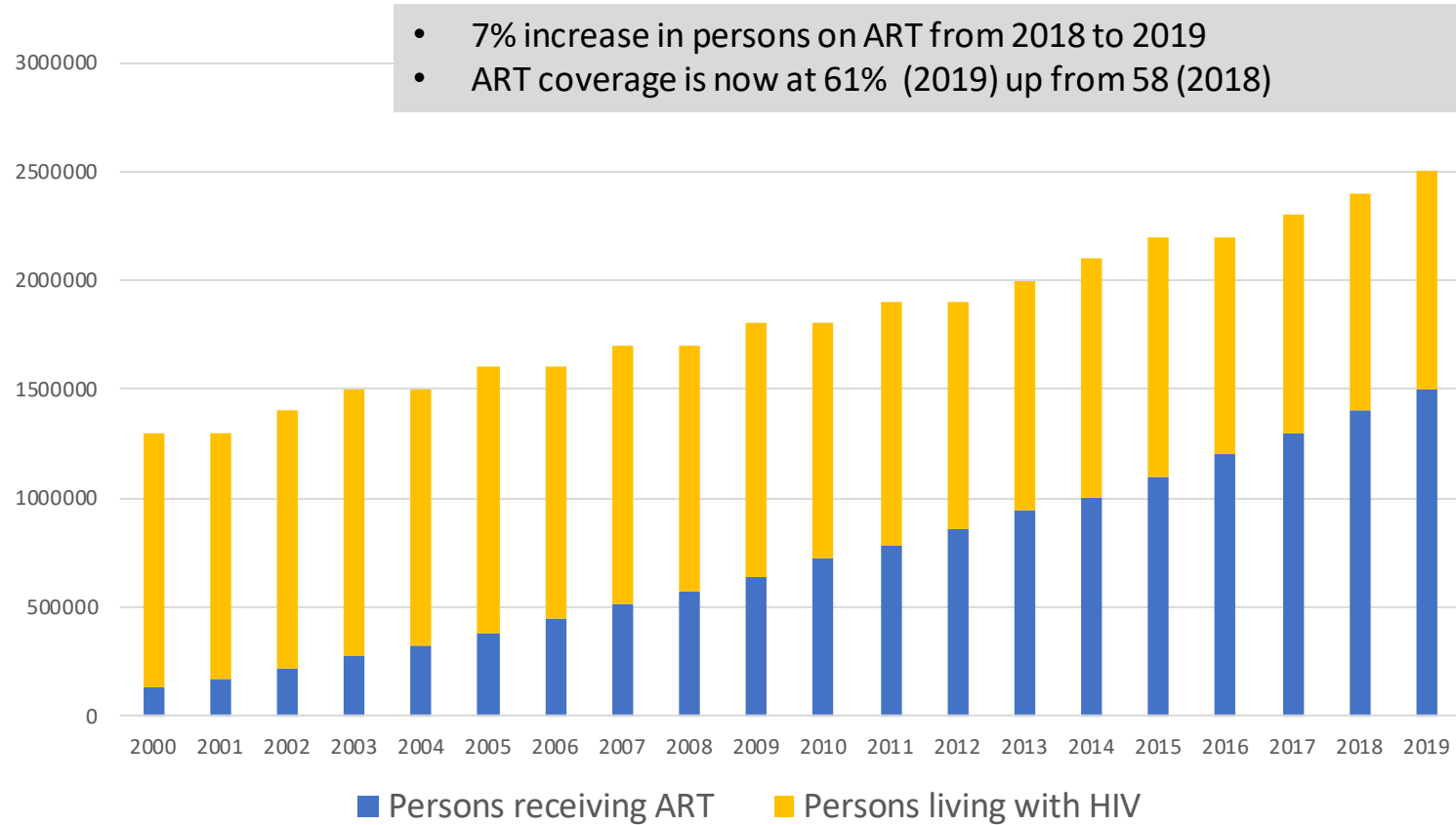
Source: PAHO, 2020. Obtained from Spectrum HIV estimates 2019 and UNAIDS/WHO. Global AIDS monitoring country responses, 2020.

PLHIV receiving ART (%) by WHO Regions, 2019

WHO Regions	% coverage
WHO Region - Africa	70
WHO Region - America	67
WHO Region - Eastern Mediterranean	24
WHO Region - Europe	58
WHO Region - South-East Asia	60
WHO Region - Western Pacific	65

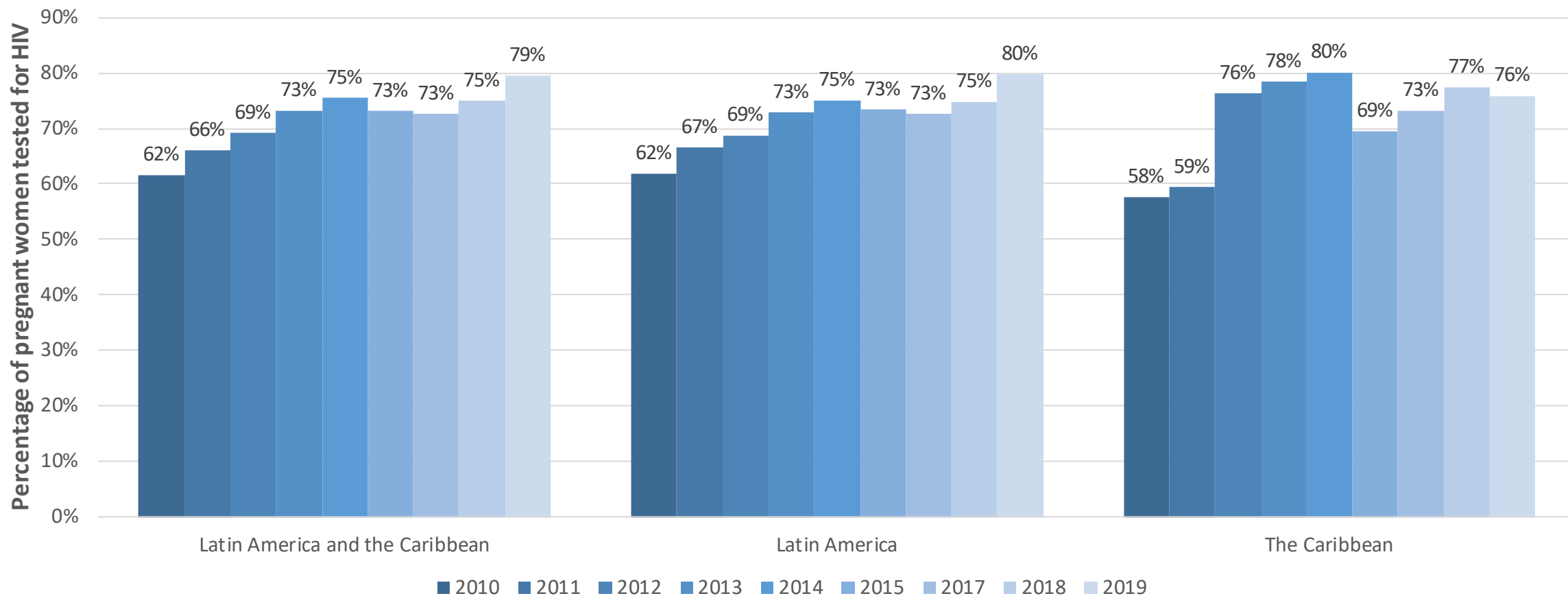
Source: UNAIDS. Spectrum HIV estimates 2019 and UNAIDS/WHO. Global AIDS monitoring country responses, 2020.

Persons living with HIV and persons receiving ART in Latin America and the Caribbean, 2000-2019



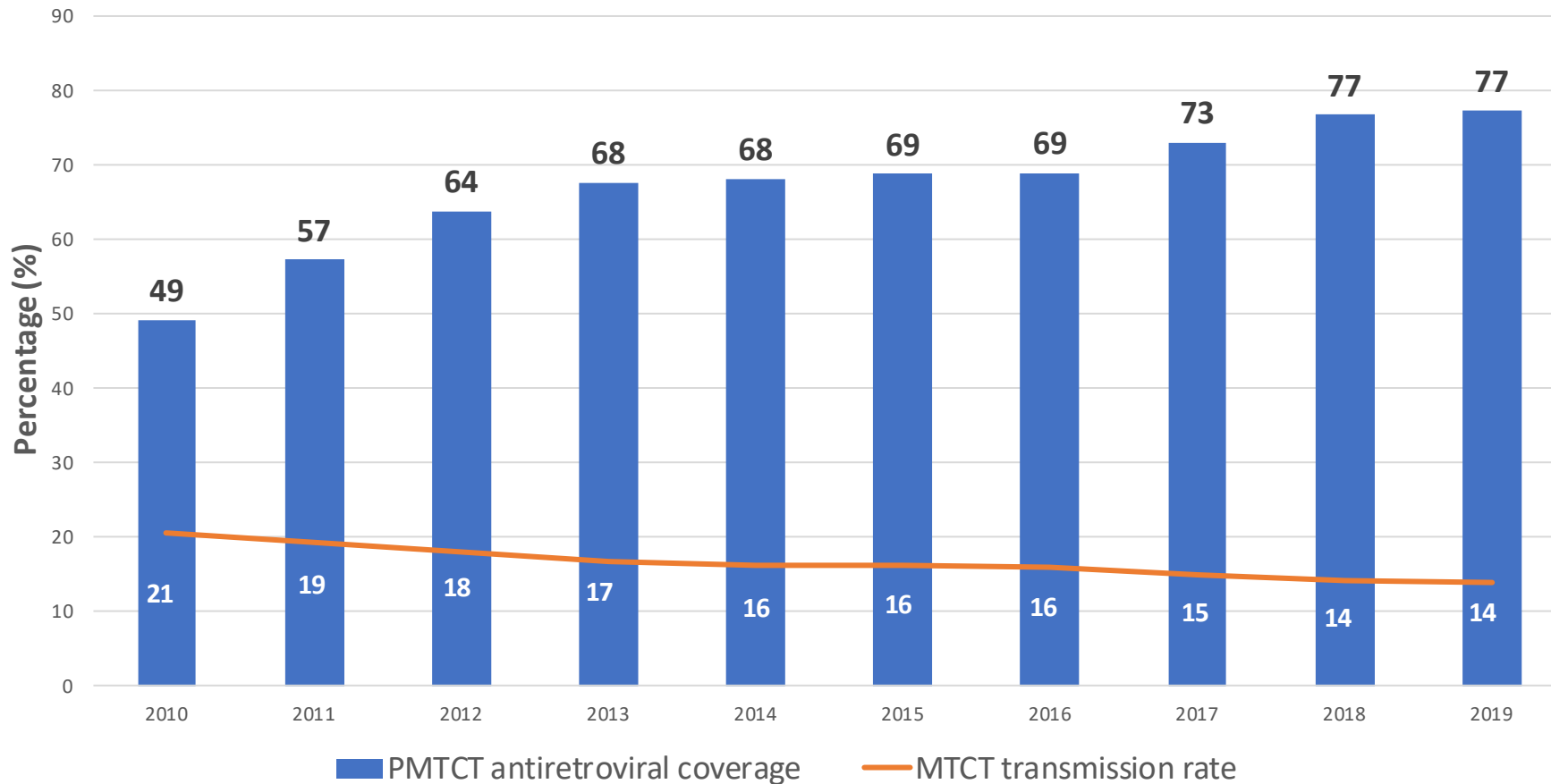
Source: PAHO, 2020. Developed from data from UNAIDS Spectrum HIV estimates 2019 and country Global AIDS monitoring responses to UNAIDS/WHO.

HIV testing coverage among pregnant women by subregion, 2010-2019



Source: PAHO, 2020. Developed from data country Global AIDS monitoring responses to UNAIDS/WHO, 2020.

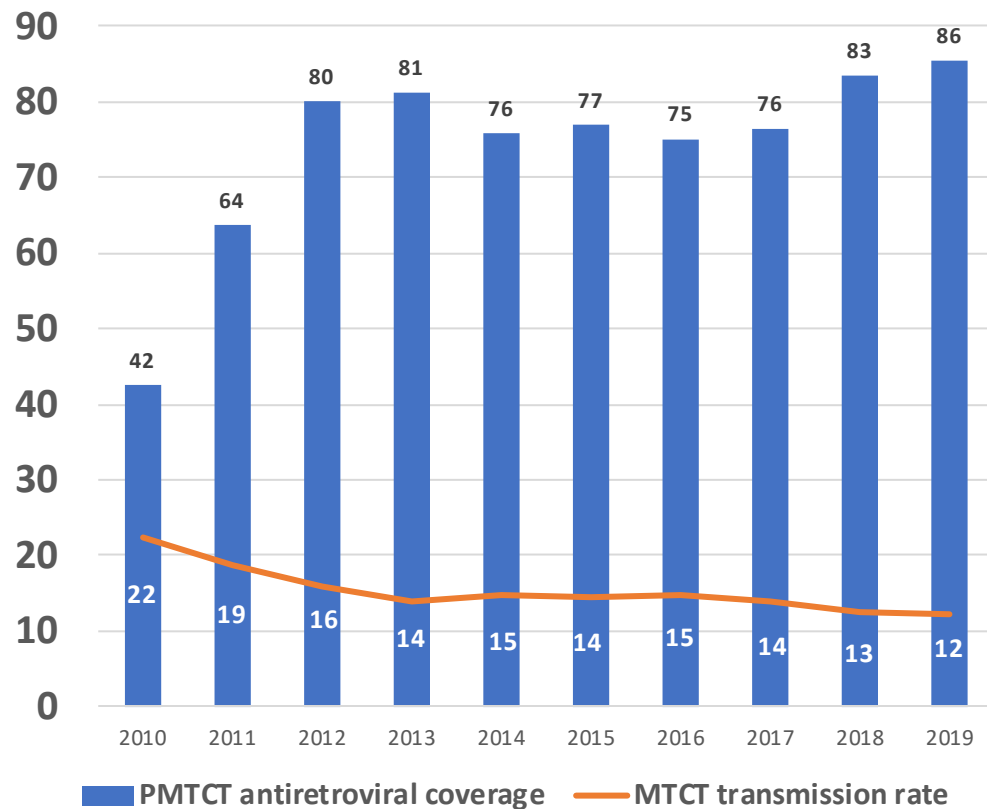
Antiretroviral coverage among pregnant women with HIV and final MTCT transmission rate. Latin America and the Caribbean, 2010-2019



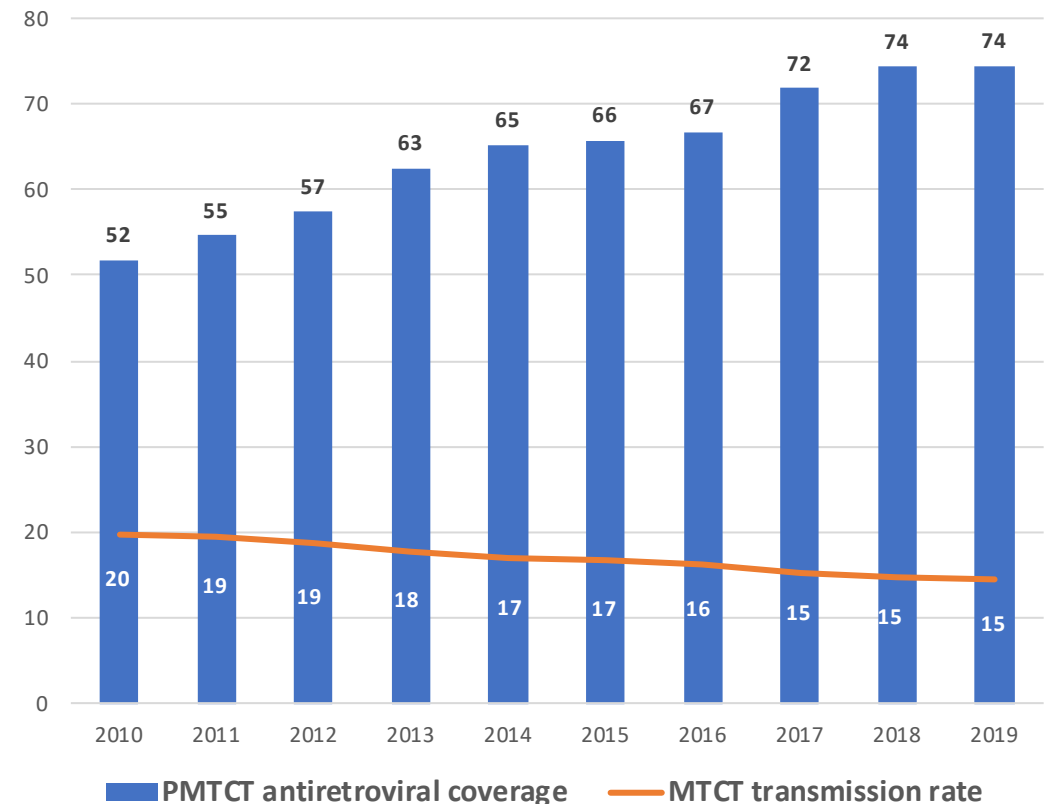
Source: PAHO, 2020. Developed based on Spectrum HIV estimates 2019 and UNAIDS/WHO. Global AIDS monitoring country responses, 2020

Antiretroviral coverage among pregnant women with HIV and final MTCT transmission rate, by subregion, 2010-2019

Caribbean



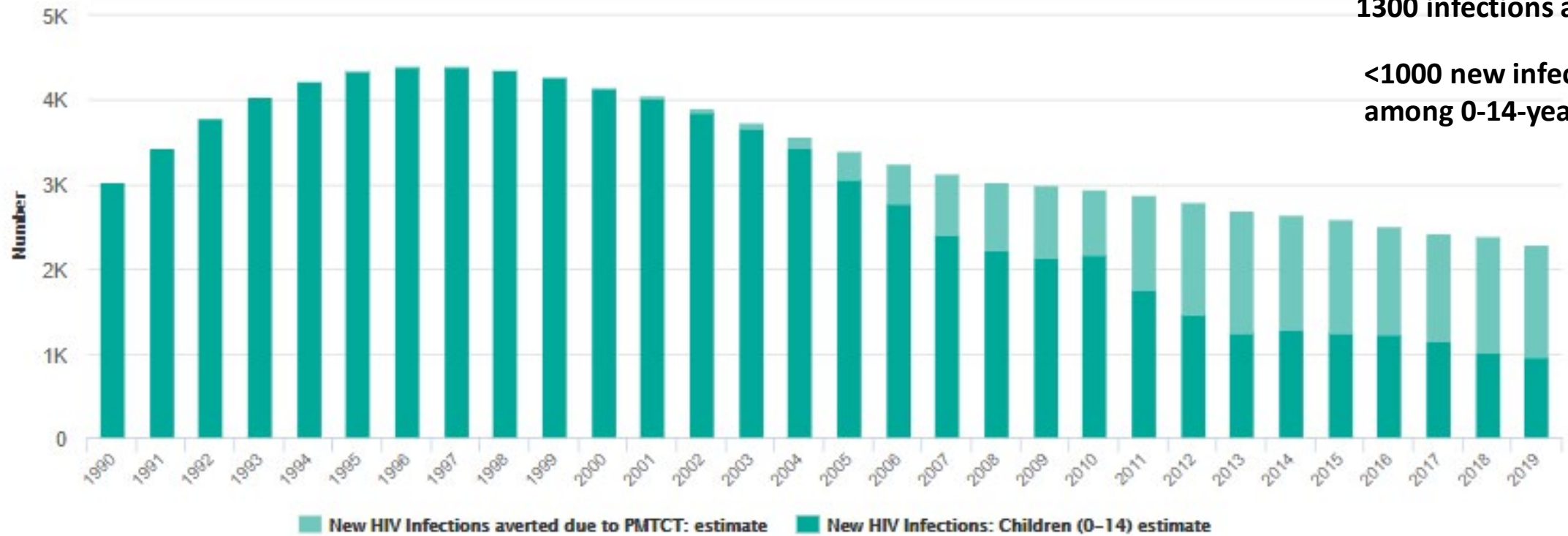
Latin America



Number of new child HIV infections and infections averted due to PMTCT. The Caribbean, 1990-2019

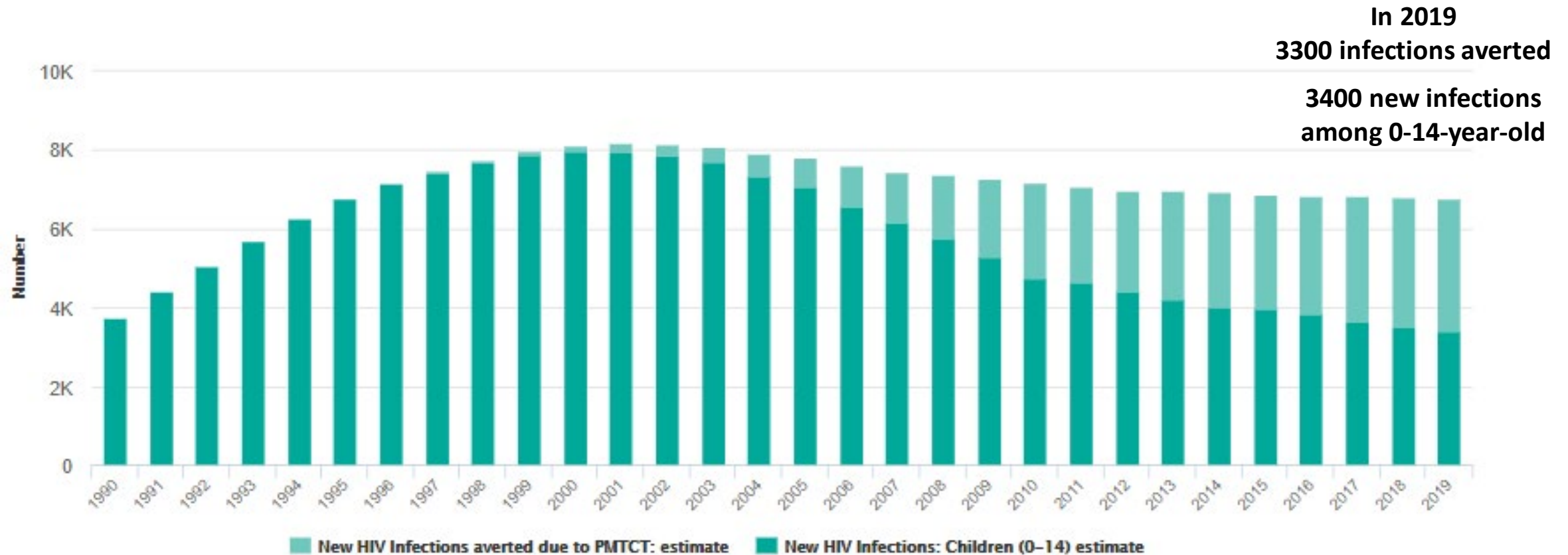
In 2019
1300 infections averted

<1000 new infections
among 0-14-year-old



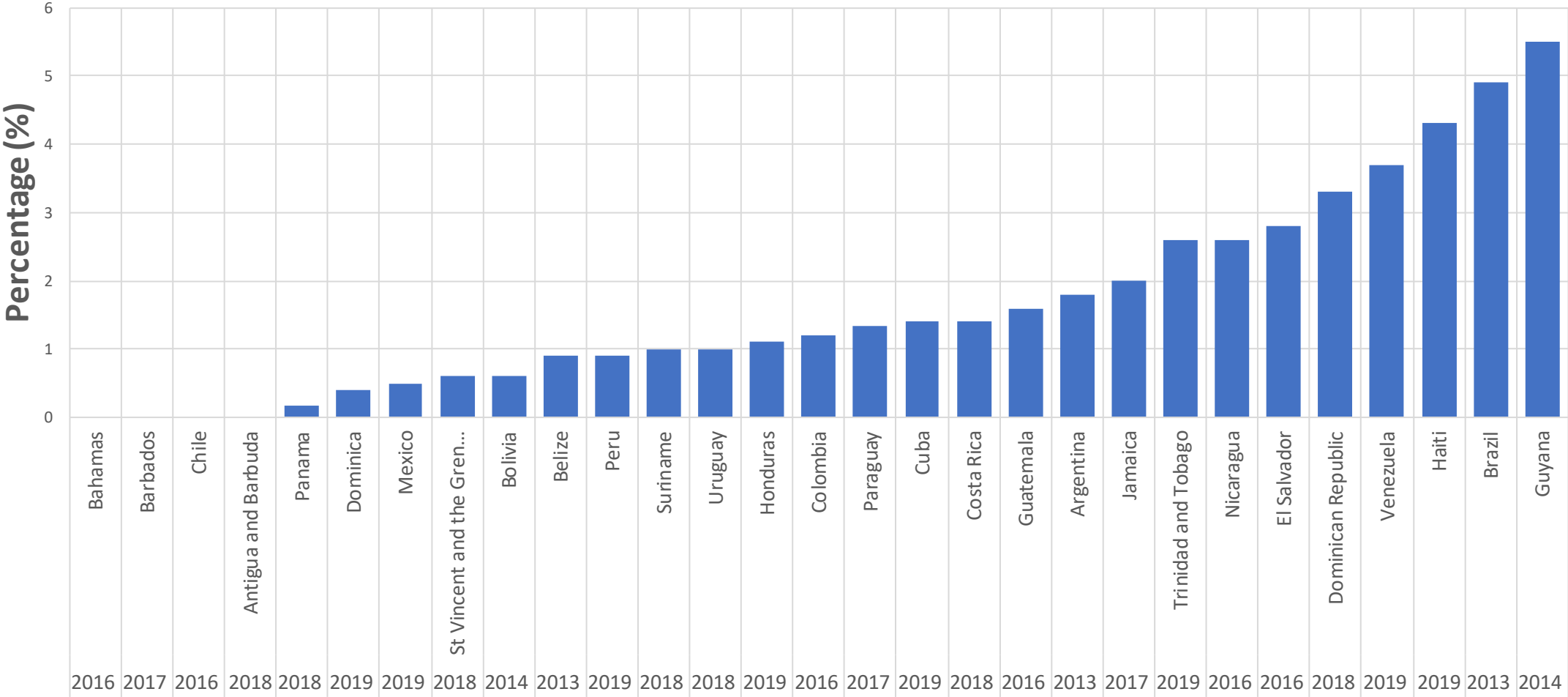
Source: UNAIDS. Spectrum HIV estimates, 2020

Number of new child HIV infections and infections averted due to PMTCT in Latin America, 1990-2019



Source: UNAIDS. Spectrum HIV estimates 2020.

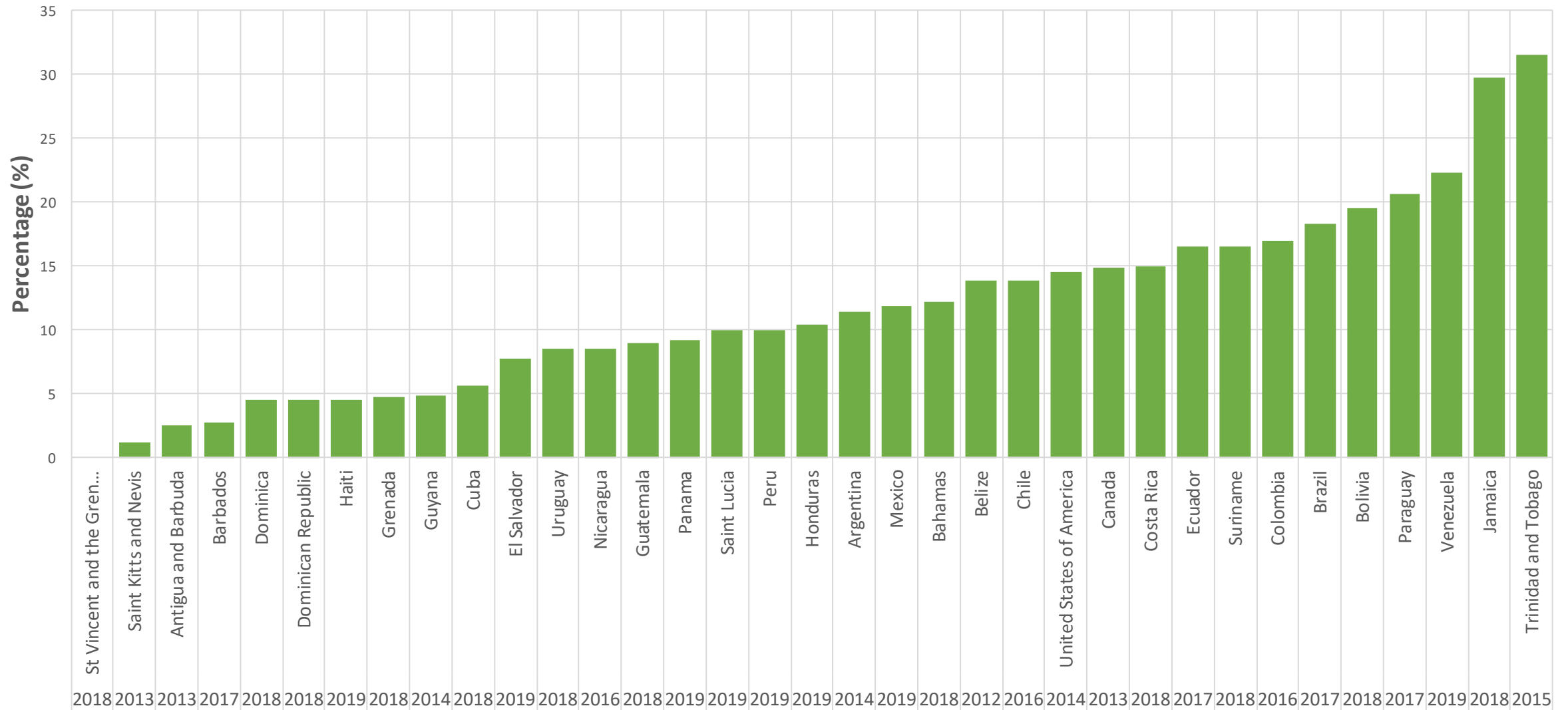
Prevalence of HIV infection in sex workers, latest reported data



Source: PAHO, 2020. Obtained from Spectrum HIV estimates 2019 and UNAIDS/WHO. Global AIDS monitoring country responses, 2020.

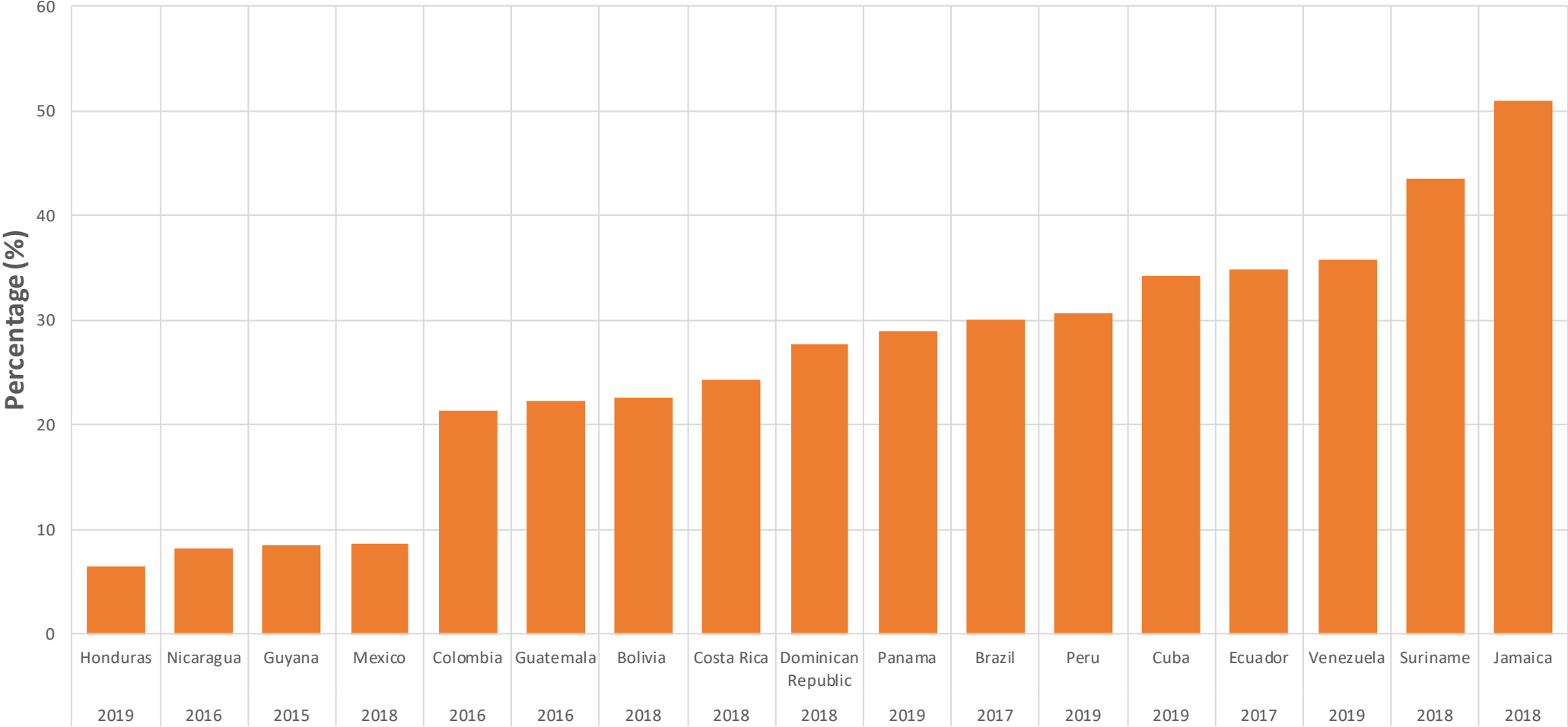


Prevalence of HIV infection in MSM, latest reported data



Source: PAHO, 2020. Obtained from Spectrum HIV estimates 2019 and UNAIDS/WHO. Global AIDS monitoring country responses, 2020.

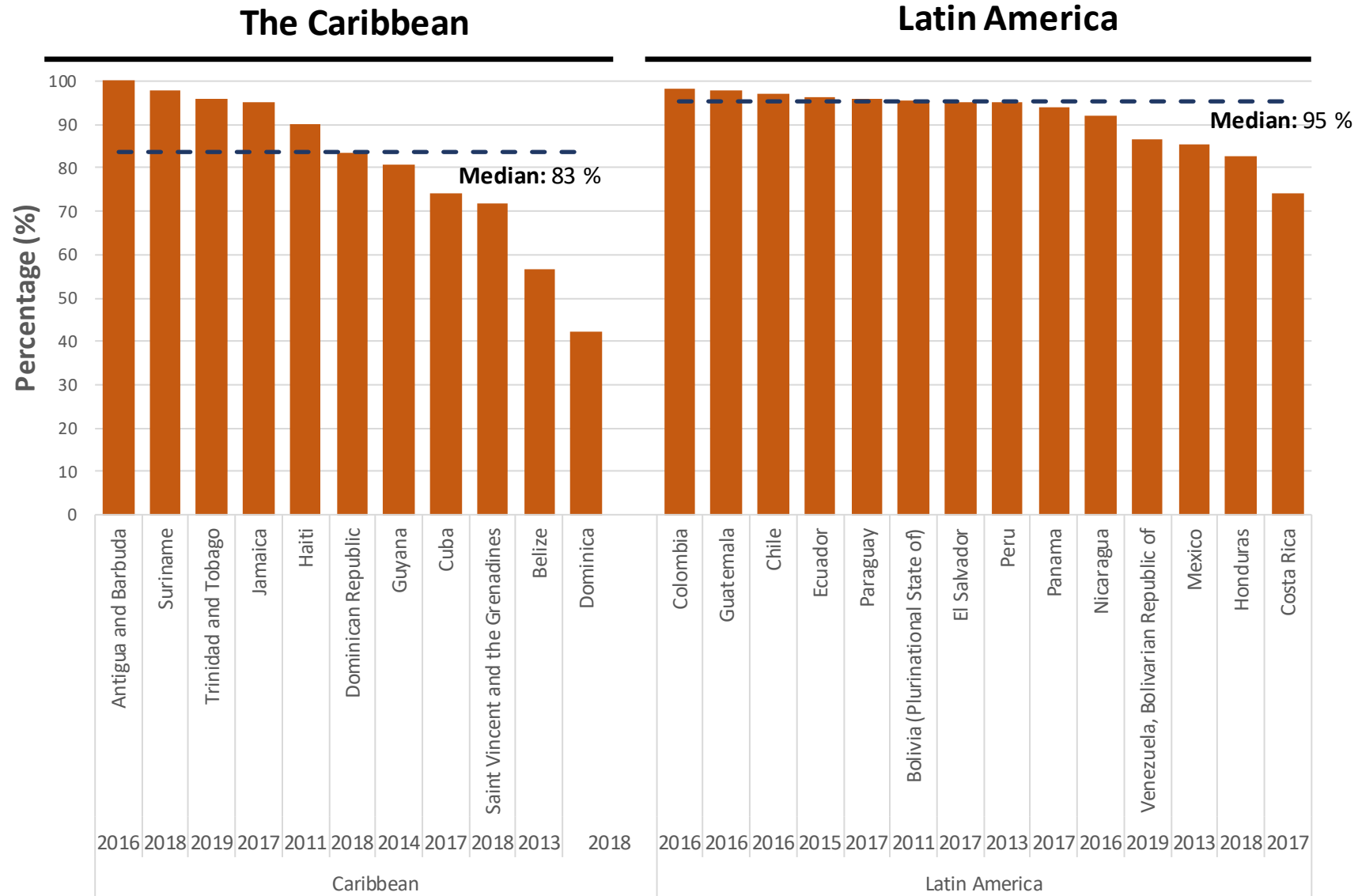
Prevalence of HIV infection in transgender women, latest reported data



Source: PAHO, 2020. Obtained from Spectrum HIV estimates 2019 and UNAIDS/WHO. Global AIDS monitoring country responses, 2020.

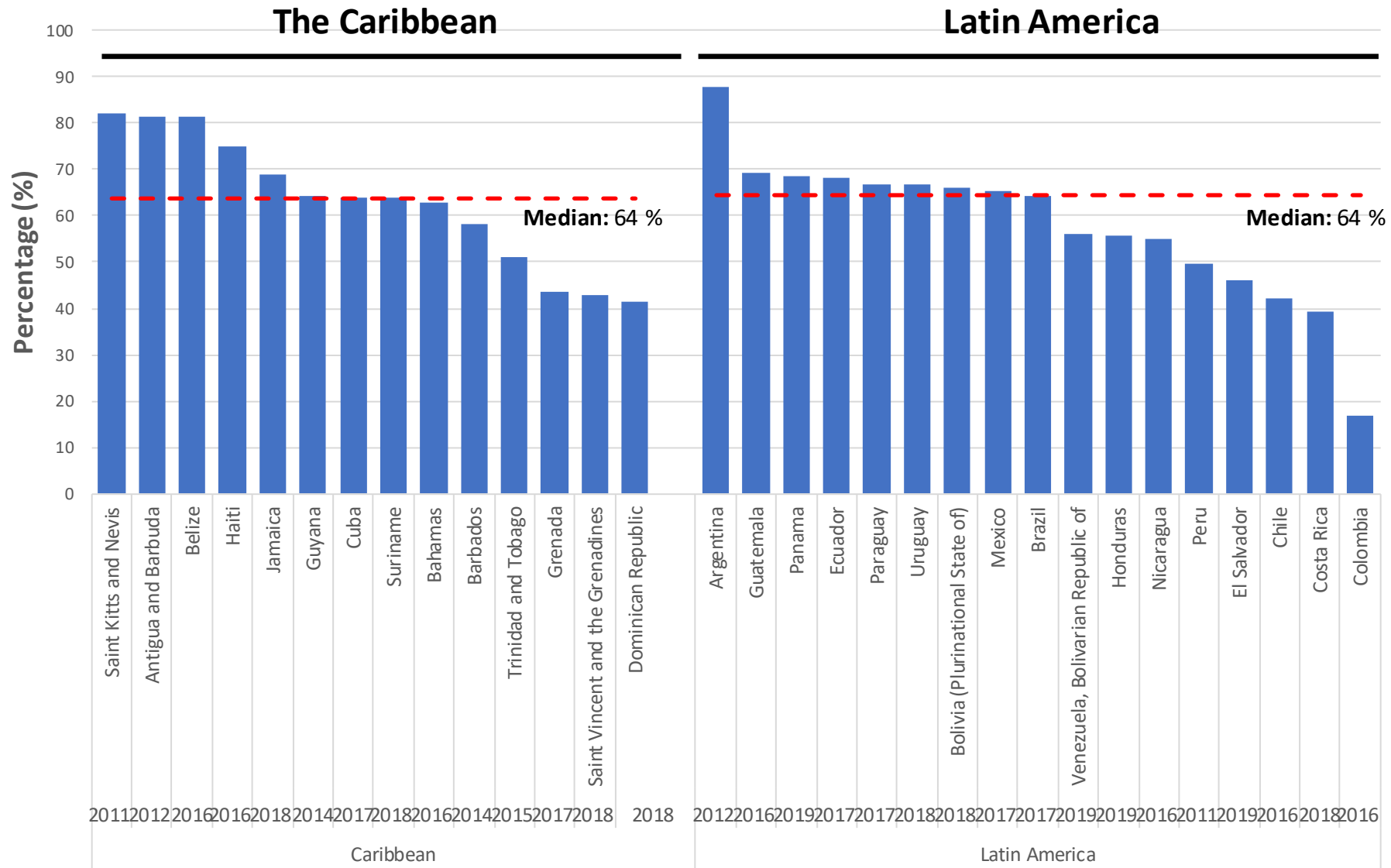


Condom use among sex workers in Latin America and the Caribbean, by subregion, latest year available (2011-2019)



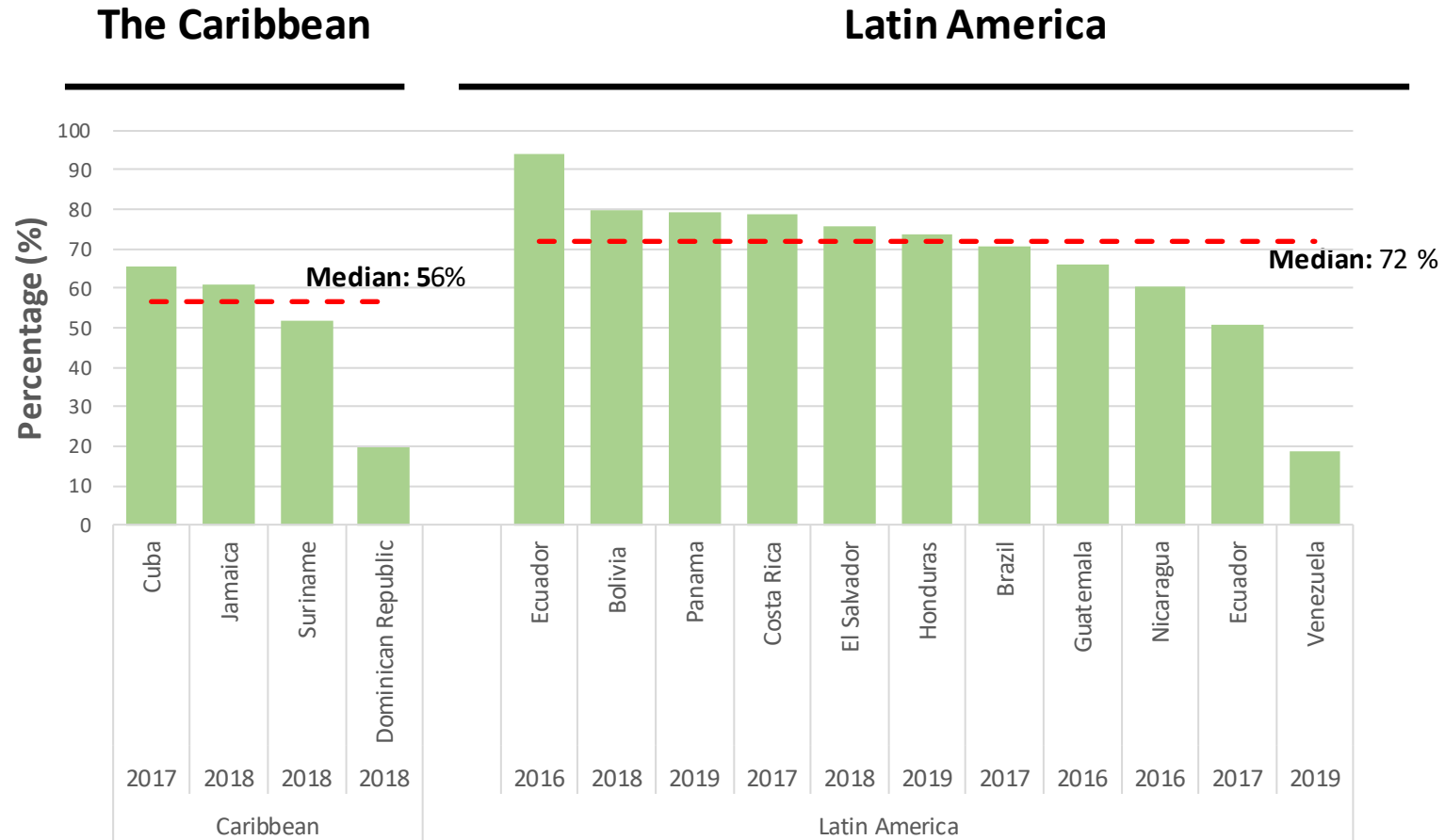
Source: PAHO, 2020. Obtained from Spectrum HIV estimates 2019 and UNAIDS/WHO. Global AIDS monitoring country responses, 2020.

Condom use among MSM in Latin America and the Caribbean, by subregion, latest year available (2011-2019)



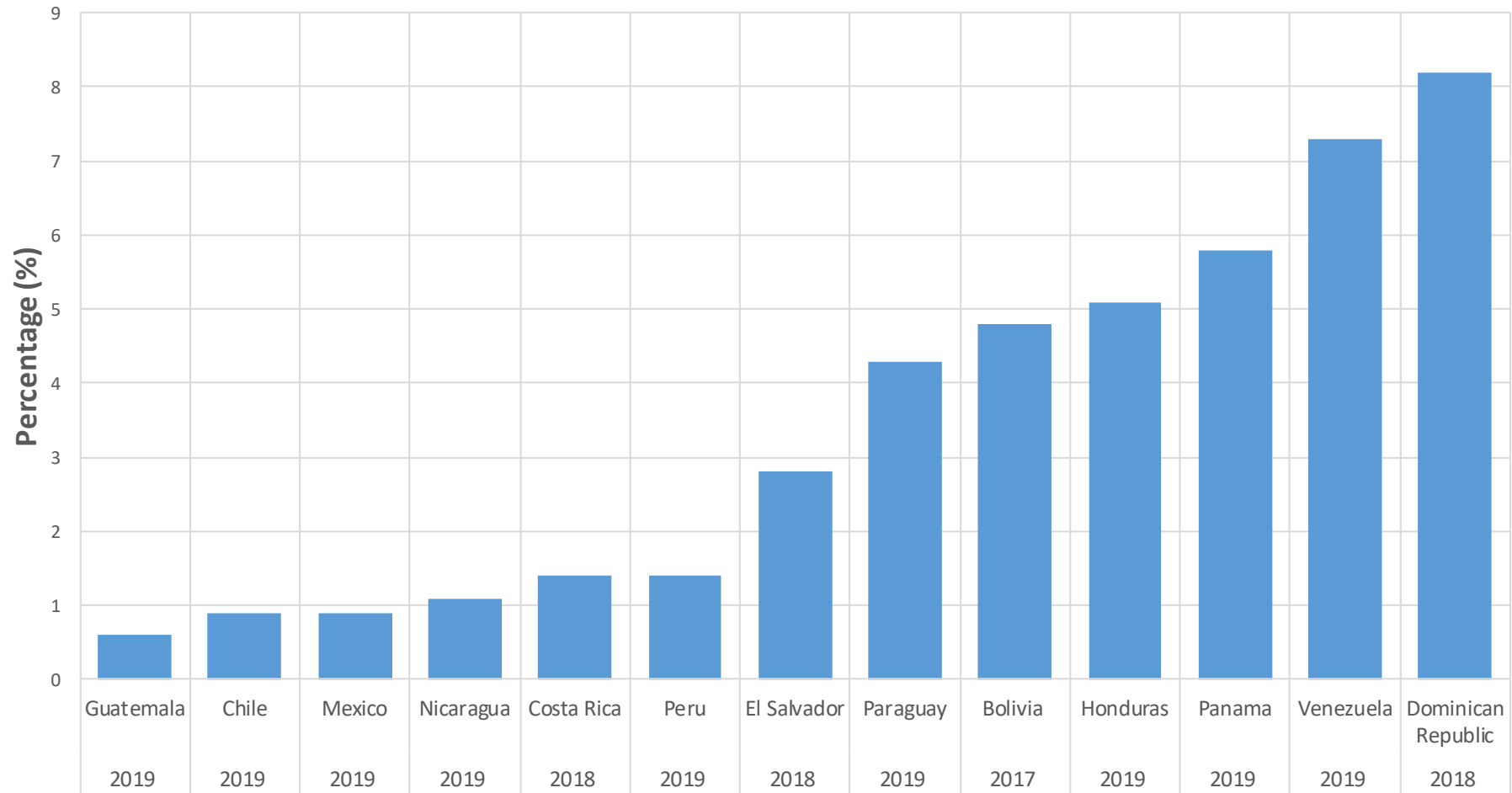
Source: PAHO, 2020. Obtained from Spectrum HIV estimates 2019 and UNAIDS/WHO. Global AIDS monitoring country responses, 2020.

Condom use among transgender women in Latin America and the Caribbean, by subregion, latest year available (2011-2019)



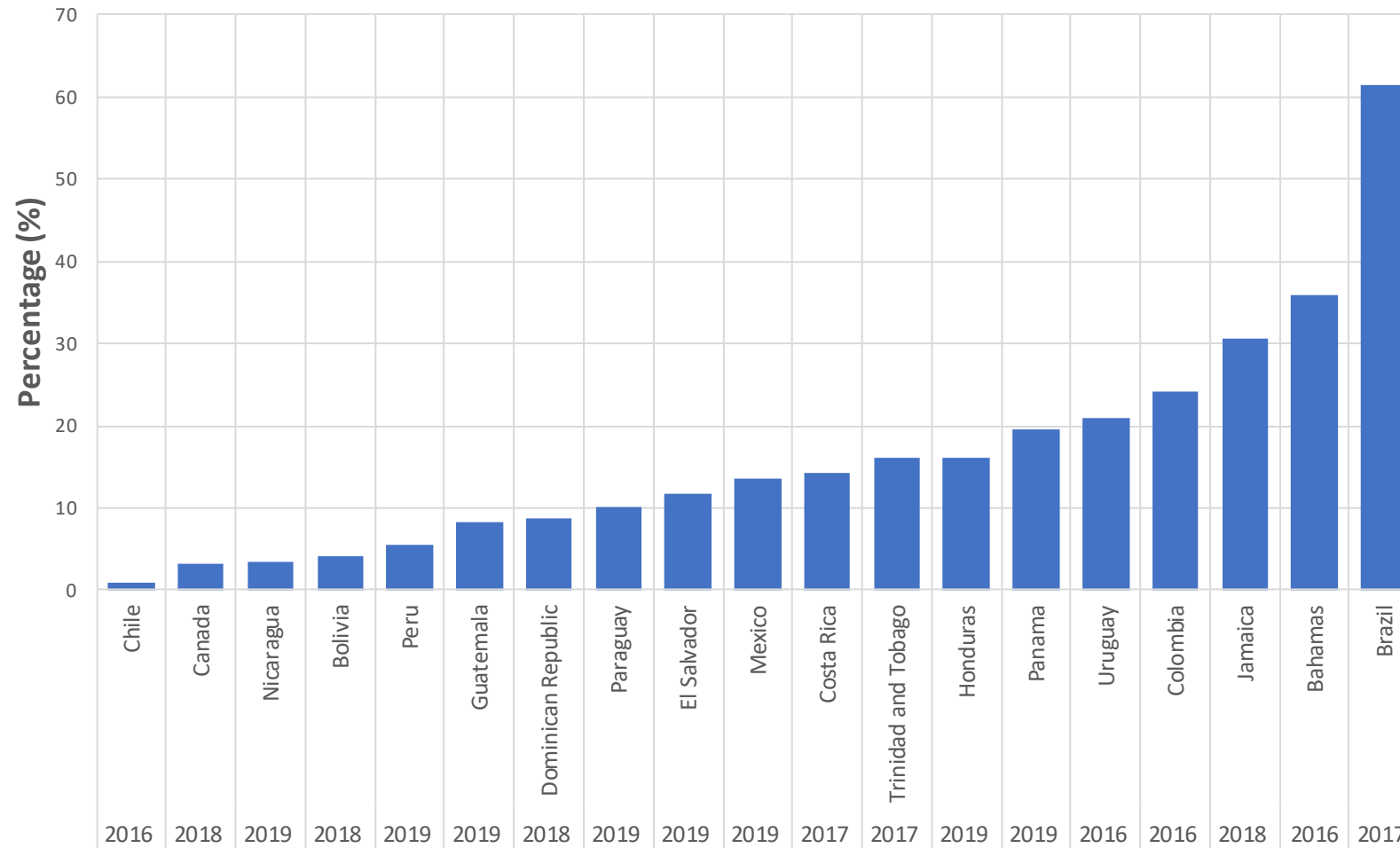
Source: PAHO, 2020. Obtained from Spectrum HIV estimates 2019 and UNAIDS/WHO. Global AIDS monitoring country responses, 2020.

Active syphilis among female sex workers, latest reported data - 2017-2019



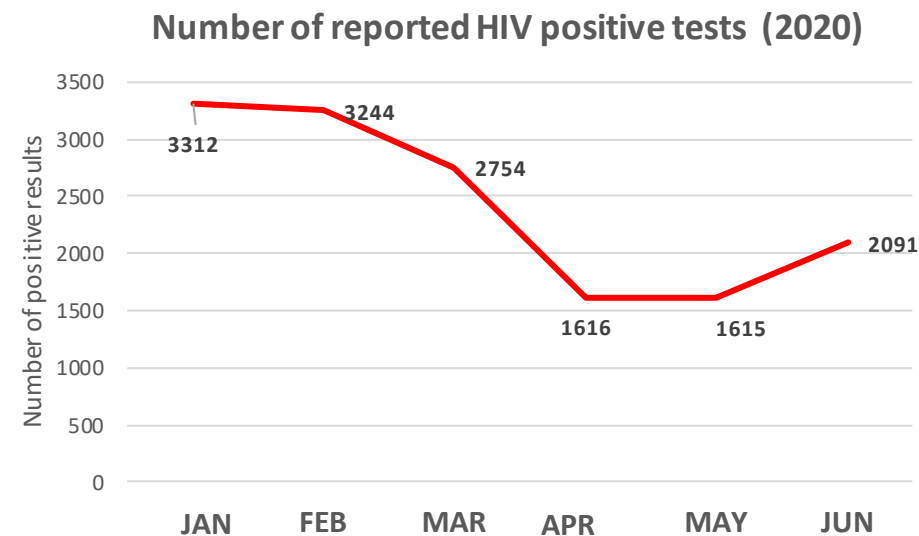
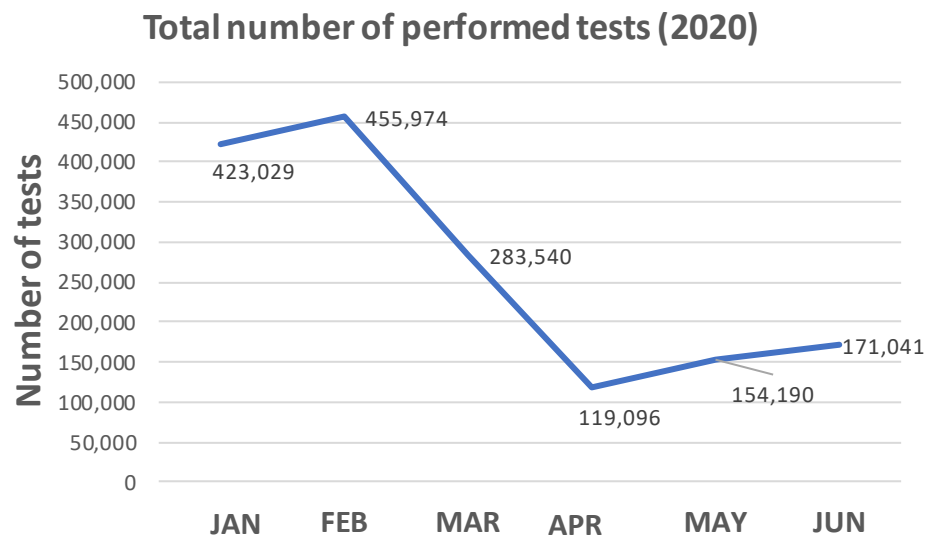
Source: PAHO, 2020. Obtained from Spectrum HIV estimates 2019 and UNAIDS/WHO. Global AIDS monitoring country responses, 2020.

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



Source: PAHO, 2020. Obtained from Spectrum HIV estimates 2019 and UNAIDS/WHO. Global AIDS monitoring country responses, 2020.

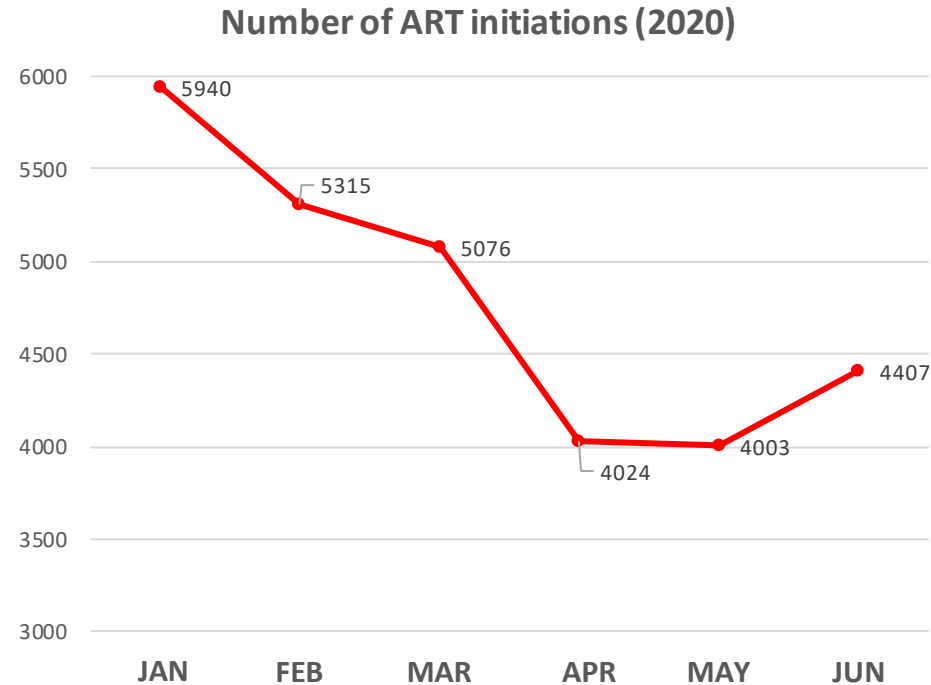
Trend in HIV tests performed and positive conformed results, in 8 countries of Latin America and the Caribbean, January to June 2020



Source: PAHO, 2020. Based on data from *UNAIDS Services tracker database*. October 2020. <https://hivservicestracking.unaids.org>

Note: Data reported from the Dominican Republic, Guatemala, Guyana, Haiti, Honduras, Jamaica, Peru, Saint Lucia

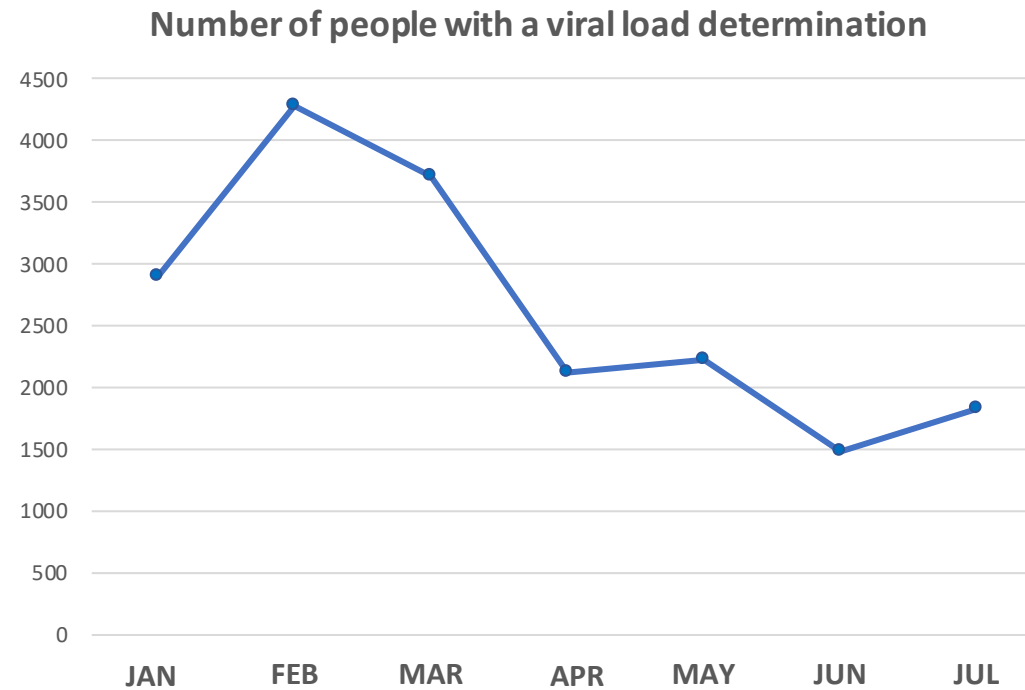
Trend in the number of people initiating antiretroviral therapy (ART) in Latin America and the Caribbean, January to June 2020



Source: PAHO, 2020. Based on data from *UNAIDS Services tracker database*. October 2020. <https://hivservicestracking.unaids.org>

Note: Data reported from Barbados, Dominican Republic, Guatemala, Guyana, Haiti, Honduras, Jamaica, Peru, Saint Lucia

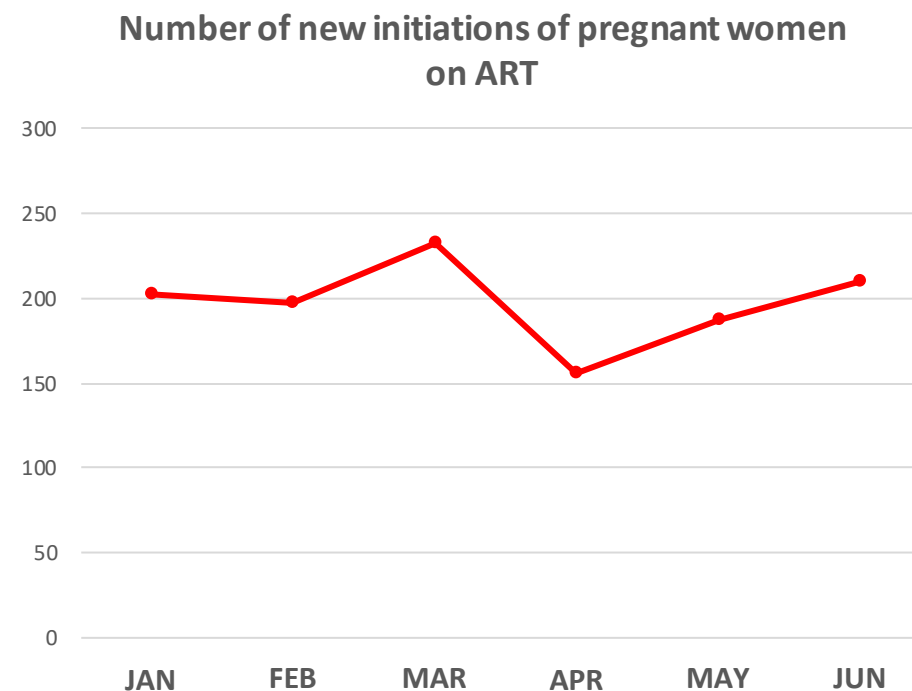
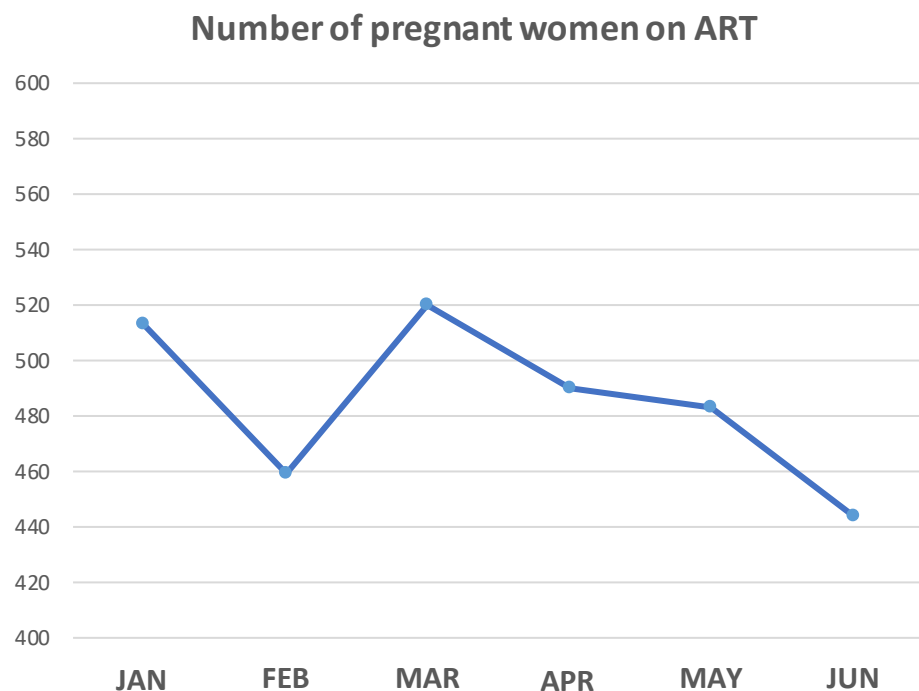
Trend in the number of people with a viral load determination in 4 countries of Latin America and the Caribbean, January to July 2020



Source: PAHO, 2020. Based on data from *UNAIDS Services tracker database*. October 2020. <https://hivservicestracking.unaids.org>

Note: Data reported from the Dominican Republic, Guyana, Honduras, and Saint Lucia

Number of pregnant women on antiretroviral therapy (ART) and new ART initiations in 7 countries in Latin America and the Caribbean, January to June 2020



Source: PAHO, 2020. Based on data from UNAIDS Services tracker database. October 2020. <https://hivservicestracking.unaids.org>

Note: Data reported from Guatemala, Guyana, Haiti, Honduras, Jamaica, Peru, Saint Lucia

HIV tests carried out and positive in 8 countries of Latin America and the Caribbean. Comparison 1st semester 2019-2020

	HIV test performed	HIV positive results reported
Observed Jan-Jun 2020	1,516,852	13,618
Observed Ene-Jun 2019	2,201,123	17,659

Source: GAM report 2020 and UNAIDS Services tracker database. October 2020. <https://hivserVICestracking.unaids.org>
 Note: Data reported from 8 countries: Dominican Republic, Guatemala, Guyana, Haiti, Honduras, Jamaica, Peru, Saint Lucia