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

<table>
<thead>
<tr>
<th>Region</th>
<th>Baseline 2010</th>
<th>2021</th>
<th>Percent difference with baseline (2021-2010)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Caribbean</td>
<td>19 000</td>
<td>14 000</td>
<td>-28.0%</td>
</tr>
<tr>
<td>Latin America</td>
<td>100 000</td>
<td>110 000</td>
<td>+4.7%</td>
</tr>
<tr>
<td>Latin America and the Caribbean</td>
<td>120 000</td>
<td>120 000</td>
<td>-0.3%</td>
</tr>
<tr>
<td>Region of the Americas</td>
<td>160 000</td>
<td>160 000</td>
<td>-3.6%</td>
</tr>
<tr>
<td>Global</td>
<td>2 200 000</td>
<td>1 500 000</td>
<td>-32.2%</td>
</tr>
</tbody>
</table>

#### AIDS Deaths

<table>
<thead>
<tr>
<th>Region</th>
<th>Baseline 2010</th>
<th>2021</th>
<th>Percent difference with baseline (2021-2010)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Caribbean</td>
<td>12 000</td>
<td>5 700</td>
<td>-50.3%</td>
</tr>
<tr>
<td>Latin America</td>
<td>40 000</td>
<td>29 000</td>
<td>-27.6%</td>
</tr>
<tr>
<td>Latin America and the Caribbean</td>
<td>52 000</td>
<td>35 000</td>
<td>-32.7%</td>
</tr>
<tr>
<td>Region of the Americas</td>
<td>65 000</td>
<td>43 000</td>
<td>-34.5%</td>
</tr>
<tr>
<td>Global</td>
<td>1 400 000</td>
<td>650 000</td>
<td>-51.7%</td>
</tr>
</tbody>
</table>

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
-32% PERCENTAGE CHANGE IN NEW HIV INFECTIONS.

Number of HIV new infections

Latin America
5% PERCENTAGE CHANGE IN NEW HIV INFECTIONS SINCE 2010

Number of HIV new infections

The Caribbean
-28% PERCENTAGE CHANGE IN NEW HIV INFECTIONS SINCE 2010

Number of HIV new infections

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

Baseline 2010

Target: 90% reduction by 2030 (compared to 2010 values)

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

**Baseline 2020**
- 38,000

**Estimation 2021**
- 35,000

**Target 2025**
- 63% reduction by 2025 (compared to 2020 values)
  - Baseline 2020: 38,000
  - Estimation 2021: 35,000

**Target 2030**
- 65% reduction by 2030 (compared to 2020 values)
  - Baseline 2020: 38,000
  - Estimation 2021: 35,000

**Target 2025**
- 14,000

**Target 2030**
- 13,400

**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


- **Total Number on ART:** 1,700,000
- **New HIV Infections:** 120,000
- **HIV deaths:** 35,000

**2021**

- **Total Number on ART:** 1,700,000
- **New HIV Infections:** 120,000
- **HIV deaths:** 35,000
Antiretroviral treatment coverage in Latin America and the Caribbean, 1995-2021

2021
Total Number on ART: 1,700,000
Percentage on ART: 69%

Antiretroviral treatment coverage in the Caribbean, 2000-2021

2021
Total Number on ART: 230,000
Percentage on ART: 70%

Antiretroviral treatment coverage in Latin America, 1995-2021

2021
Total Number on ART: 1,500,000
Percentage on ART: 69%

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

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

New HIV infections among adults in Latin America (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

Source: UNAIDS epidemiological estimates 2022.
AIDS related deaths among adults in Latin America (15+) by sex

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

Source: UNAIDS epidemiological estimates 2022.
New HIV infections among adults in The Caribbean (15+) by sex

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

Source: UNAIDS epidemiological estimates 2022.

2021
Females Adults (+15) estimate: 5300
Lower – Upper Estimate: 3800 – 7300
Males Adults (+15) estimate: 7300
Lower – Upper Estimate: 4900 – 10 000
AIDS related deaths among adults in The Caribbean (15+) by sex

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

Source: UNAIDS epidemiological estimates 2022.

2021
Females Adults (+15) estimate: 2100
Lower – Upper Estimate: 1600 - 2900
Males Adults (+15) estimate: 3100
Lower – Upper Estimate: 2200 - 4300
HIV cascade of care in Latin America and the Caribbean, 2018-2021

- **2018**: 79% knew their status, 59% were on ART, 52% had suppressed viral load.
- **2019**: 82% knew their status, 63% were on ART, 56% had suppressed viral load.
- **2020**: 81% knew their status, 67% were on ART, 60% had suppressed viral load.
- **2021**: 82% knew their status, 69% were on ART, 63% had suppressed viral load.

Overview of the HIV epidemic in Latin America and the Caribbean

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

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/).

People living with HIV who know their status: 13,000, 17,000, 20,000
- Additional gap to reaching the 1st 95
  Gap to reaching the 1st 90
- 84% (74-96%)

People living with HIV who are on treatment: 32,000, 16,000, 52,000
- Additional gap to reaching the 1st and 2nd 95
  Gap to reaching the 1st and 2nd 90
- 70% (61-80%)

People living with HIV who are virally suppressed: 45,000, 15,000, 70,000
- Additional gap to reaching the 3 95s
  Gap to reaching the 3 90s
- 61% (53-69%)
Distribution of new HIV infections (aged 15–49 years), by population group, Latin America and the Caribbean, 2021

**Latin America**
- Clients of Sex Workers and Sex Partners of all Key Populations, 29%
- Gay Men and other men who have sex with men, 48%
- Transgender Women, 6%
- People who inject drugs, 4%
- Remaining Population, 7%
- Sex Workers, 6%

**The Caribbean**
- Clients of Sex Workers and Sex Partners of all Key Populations, 38%
- Gay Men and other men who have sex with men, 26%
- Transgender Women, 10%
- People who inject drugs, 1%
- Remaining Population, 17%
- Sex Workers, 8%

**Source:** UNAIDS Special analysis, 2022
Distribution of new HIV infections, by age group, Latin America and the Caribbean, 2021

Latin America

- Female 50+: 18%
- Female 25 - 49: 2%
- Female 15 - 24: 2%
- Female 0 - 14: 15%
- Male 50+: 51%
- Male 25 - 49: 6%
- Male 15 - 24: 2%
- Male 0 - 14: 5%

The Caribbean

- Female 50+: 3%
- Female 25 - 49: 3%
- Female 15 - 24: 23%
- Female 0 - 14: 14%
- Male 50+: 38%
- Male 25 - 49: 3%
- Male 15 - 24: 4%
- Male 0 - 14: 3%

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/mm³. Median values from 18 reporting countries. Increases corresponds to 5 countries.
Situation of the 90-90-90 targets in Latin America, 2016-2021

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

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

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)

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*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, 2022. GAM country reports and direct country communication.
<table>
<thead>
<tr>
<th>COUNTRY</th>
<th>POLICY AVAILABLE</th>
<th>SELF TEST KITS AVAILABLE*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Argentina</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Brazil</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Colombia</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Cuba</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>El Salvador</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Guatemala</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Mexico</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Paraguay</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Peru</td>
<td>No</td>
<td>Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>COUNTRY</th>
<th>POLICY AVAILABLE</th>
<th>SELF TEST KITS AVAILABLE*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bahamas</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Belize</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Guyana</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Haiti</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Jamaica</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Trinidad &amp; Tobago</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*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

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.

<table>
<thead>
<tr>
<th>Year</th>
<th>Number of people receiving PrEP</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>19,783</td>
</tr>
<tr>
<td>2020</td>
<td>34,576</td>
</tr>
<tr>
<td>2021</td>
<td>57,902</td>
</tr>
</tbody>
</table>

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

### PrEP policy (21)
- Argentina, Bahamas, Barbados, Brazil, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, El Salvador, Guyana, Haiti, Panama, Paraguay, Uruguay, OECS (6)

### PrEP project (6)
- Belize, Ecuador, Guatemala, Jamaica, Mexico, Peru

### Planning policy/project (3)
- Bolivia, Colombia, Venezuela

### Countries reporting PrEP users (22)
- 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

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

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

Percentage of people on first line of treatment who are on DTG-based regimes

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

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

<table>
<thead>
<tr>
<th>Year</th>
<th>WHO subregion - Caribbean</th>
<th>WHO subregion - Latin America</th>
<th>WHO - Geographical region - Latin America and the Caribbean</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>45</td>
<td>38</td>
<td>39</td>
</tr>
<tr>
<td>2017</td>
<td>49</td>
<td>38</td>
<td>40</td>
</tr>
<tr>
<td>2018</td>
<td>47</td>
<td>38</td>
<td>40</td>
</tr>
<tr>
<td>2019</td>
<td>50</td>
<td>40</td>
<td>40</td>
</tr>
<tr>
<td>2020</td>
<td>50</td>
<td>40</td>
<td>40</td>
</tr>
<tr>
<td>2021</td>
<td>50</td>
<td>42</td>
<td>42</td>
</tr>
</tbody>
</table>

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

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

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

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


The Caribbean

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

In 2021
4300 infections averted
4900 new HIV infections in children (0-14)

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

In 2021, 3000 infections averted and 4000 new HIV infections in children (0-14).

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

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

<table>
<thead>
<tr>
<th>Country</th>
<th>Proportion (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Haiti</td>
<td>100.0</td>
</tr>
<tr>
<td>Cuba</td>
<td>100.0</td>
</tr>
<tr>
<td>Bahamas</td>
<td>100.0</td>
</tr>
<tr>
<td>Puerto Rico</td>
<td>100.0</td>
</tr>
<tr>
<td>Saint Vincent and the Grenadines</td>
<td>98.5</td>
</tr>
<tr>
<td>Nicaragua</td>
<td>98.5</td>
</tr>
<tr>
<td>El Salvador</td>
<td>97.1</td>
</tr>
<tr>
<td>Suriname</td>
<td>95.8</td>
</tr>
<tr>
<td>Honduras</td>
<td>95.7</td>
</tr>
<tr>
<td>Guatemala</td>
<td>95.4</td>
</tr>
<tr>
<td>Panama</td>
<td>91.3</td>
</tr>
<tr>
<td>Uruguay</td>
<td>91.0</td>
</tr>
<tr>
<td>Belize</td>
<td>91.0</td>
</tr>
<tr>
<td>Peru</td>
<td>90.0</td>
</tr>
<tr>
<td>Colombia</td>
<td>88.7</td>
</tr>
<tr>
<td>United States of America</td>
<td>87.2</td>
</tr>
<tr>
<td>Bolivia (Plurinational State of)</td>
<td>85.9</td>
</tr>
<tr>
<td>Trinidad and Tobago</td>
<td>85.8</td>
</tr>
<tr>
<td>Dominican Republic</td>
<td>85.3</td>
</tr>
<tr>
<td>Chile</td>
<td>82.2</td>
</tr>
<tr>
<td>Paraguay</td>
<td>79.6</td>
</tr>
<tr>
<td>Brazil</td>
<td>78.6</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>77.1</strong></td>
</tr>
<tr>
<td>Mexico</td>
<td>61.7</td>
</tr>
<tr>
<td>Ecuador</td>
<td>59.0</td>
</tr>
<tr>
<td>Guyana</td>
<td>42.5</td>
</tr>
<tr>
<td>Venezuela (Bolivarian Republic)</td>
<td>37.6</td>
</tr>
<tr>
<td>Canada</td>
<td>29.5</td>
</tr>
<tr>
<td>Jamaica</td>
<td>20.0</td>
</tr>
</tbody>
</table>

*Countries with 10 or more notified TB cases

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

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

<table>
<thead>
<tr>
<th>Year</th>
<th>Number of new registered HIV cases</th>
<th>Number of HIV cases on TB preventive therapy</th>
<th>Percentage of HIV cases on TB preventive therapy</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td>44,340</td>
<td>7,209</td>
<td>16.3%</td>
</tr>
<tr>
<td>2018</td>
<td>79,840</td>
<td>7,391</td>
<td>9.3%</td>
</tr>
<tr>
<td>2019</td>
<td>90,300</td>
<td>25,274</td>
<td>23.2%</td>
</tr>
<tr>
<td>2020</td>
<td>82,372</td>
<td>19,137</td>
<td>23.2%</td>
</tr>
</tbody>
</table>

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

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

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

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

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

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


Median, 55
Median, 71

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

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

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

**Total number of HIV tests conducted**

- **2019**: 13,110,106
- **2020**: 9,007,967
- **2021**: 10,428,642

2021

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

**HIV tests with a positive result**

- **2019**: 78,364
- **2020**: 61,925
- **2021**: 70,379

2021

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

Stigma and discrimination experienced by key populations in health services

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

<table>
<thead>
<tr>
<th>Country</th>
<th>Percentage (% for MSM)</th>
<th>Percentage (% for People living with HIV)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suriname</td>
<td>1</td>
<td>72.9</td>
</tr>
<tr>
<td>Bolivia</td>
<td>5.3</td>
<td>14.9</td>
</tr>
<tr>
<td>Panama</td>
<td>3.3</td>
<td>11</td>
</tr>
<tr>
<td>Venezuela</td>
<td>16.6</td>
<td>25.6</td>
</tr>
</tbody>
</table>