

# Latest HIV estimates and updates on HIV policies uptake, July 2020

Global HIV, Hepatitis and STI Programmes  
World Health Organization


**1. Global and regional epidemic**

**2. Global and regional progress and cascade**


**3. Policy uptake and accountability**

# Summary of the global HIV epidemic (2019)

**38.0 million**  
people living with HIV  
[31.6 million – 44.5 million]



**1.7 million**  
people newly infected  
[1.2 million – 2.2 million]



**0.7 million**  
HIV-related deaths  
[0.5 million – 1.0 million]

Source: UNAIDS/WHO estimates

# Global HIV epidemic – people living with HIV

2019  
Globally

**38.0 million**

People living with HIV



**+24%**

Relative to 2010

Source: UNAIDS/WHO estimates



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# Global HIV epidemic – incidence and mortality since 2010

2019  
Globally

**38.0 million**

People living with HIV



**- 23%**

New infections annually  
relative to 2010



**- 39%**

Deaths annually  
relative to 2010



Source: UNAIDS/WHO estimates



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# Global HIV epidemic – incidence and mortality since 2000

2019  
Globally

**38.0 million**

People living with HIV



**- 39%**

New diagnoses annually  
relative to 2000



**- 51%**

Deaths annually  
relative to 2000








Source: UNAIDS/WHO estimates



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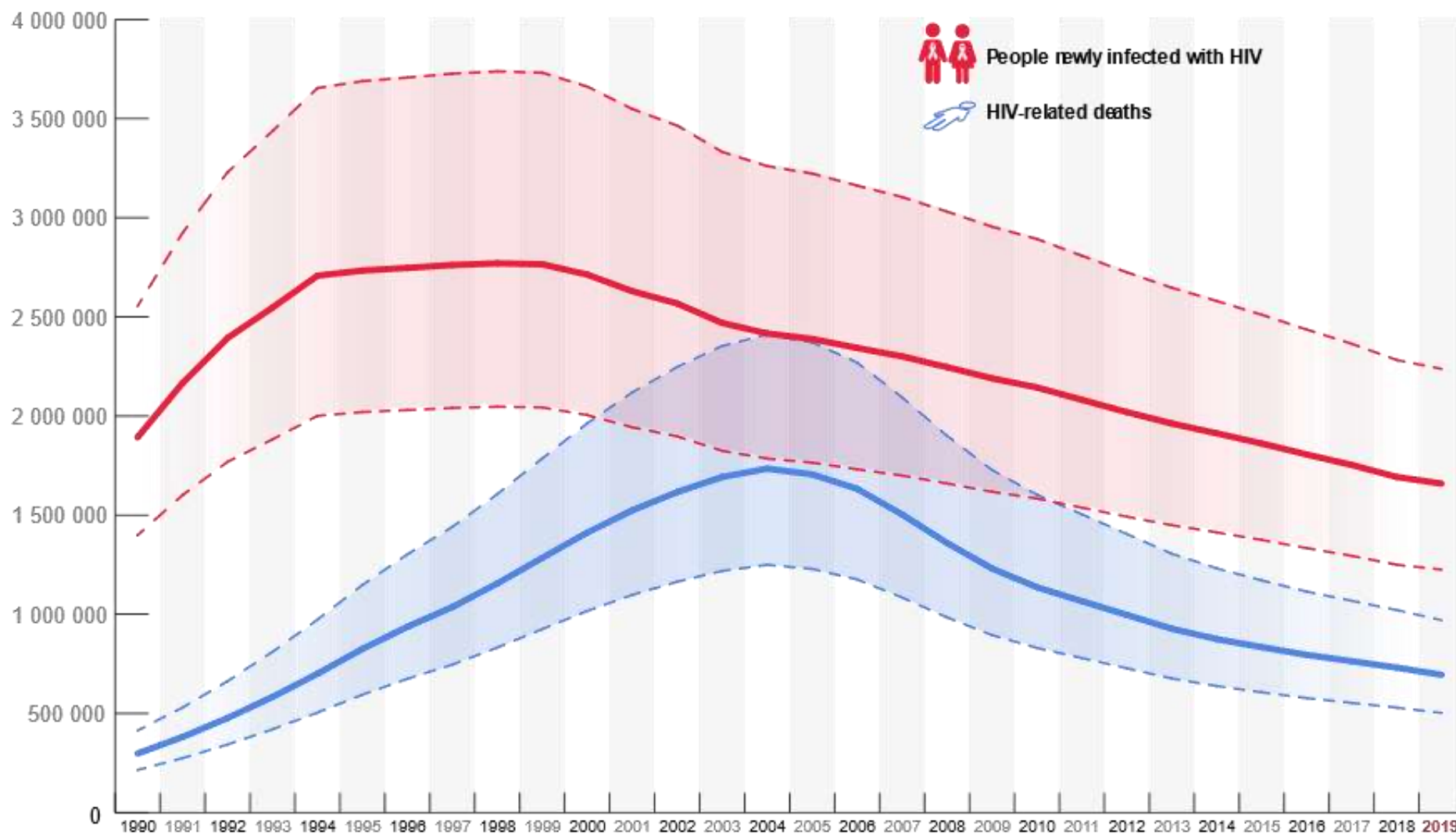
# Summary of the global HIV epidemic (2019)

	People living with HIV in 2019	People newly infected with HIV in 2019	HIV-related deaths in 2019
 Total	<b>38.0 million</b> [31.6 million – 44.5 million]	<b>1.7 million</b> [1.2 million – 2.2 million]	<b>690 000</b> [500 000 – 970 000 million]
 Adults	36.2 million [30.2 million – 42.5 million]	1.5 million [1.1 million – 2.0 million]	600 000 [430 000 – 840 000]
 Women	19.2 million [16.4 million – 22.2 million]	790 000 590 000 – 1.1 million]	300 000 [220 000 – 420 000]
 Men	17.0 million [13.8 million – 20.4 million]	870 000 630 000 – 1.2 million]	390 000 [280 000 – 560 000]
 Children (<15 years)	1.8 million [1.3 million – 2.2 million]	150 000 [94 000 – 240 000]	95 000 [61 000 – 150 000]

Source: UNAIDS/WHO estimates



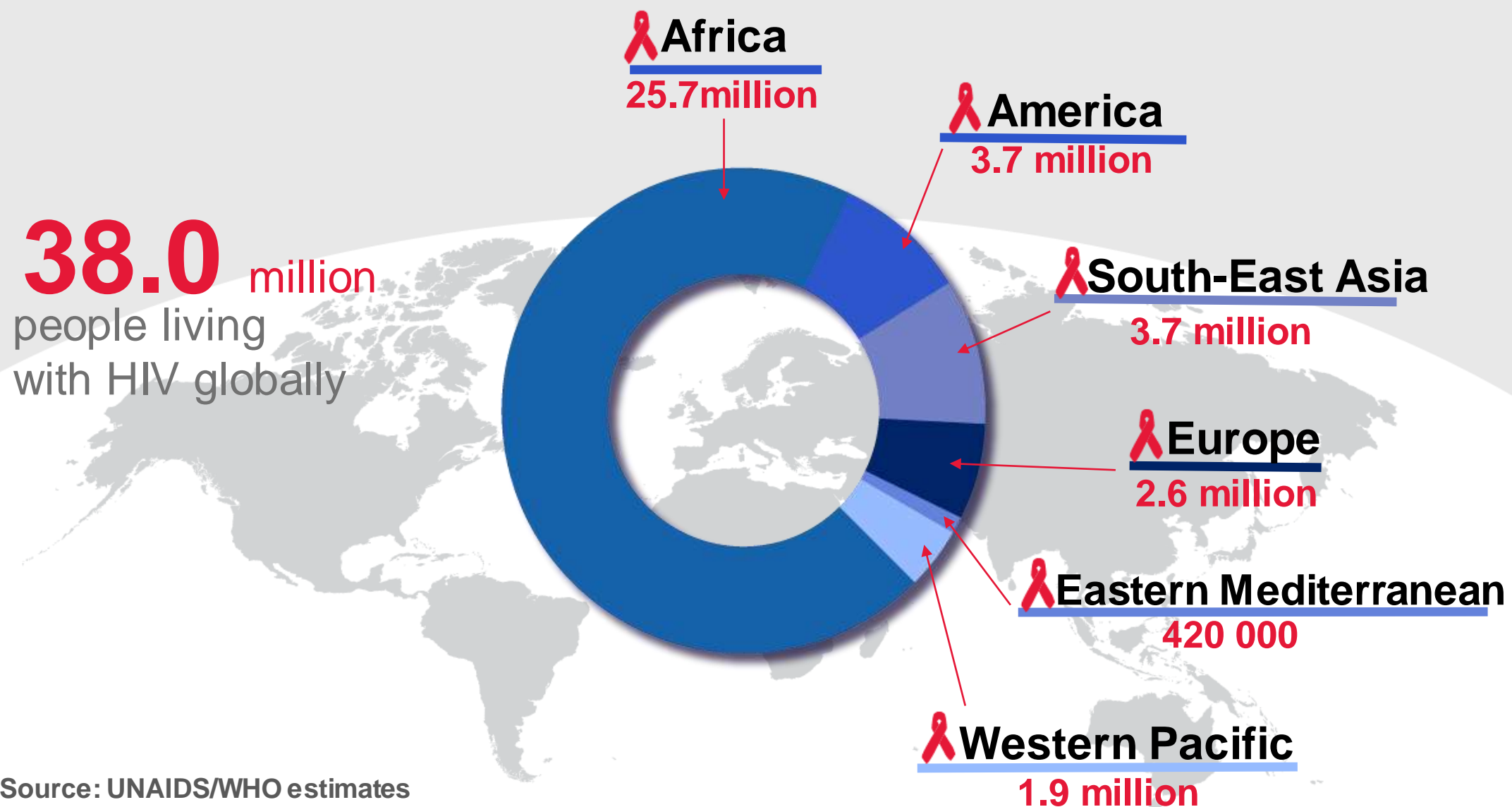
# Decline in HIV incidence and mortality over time



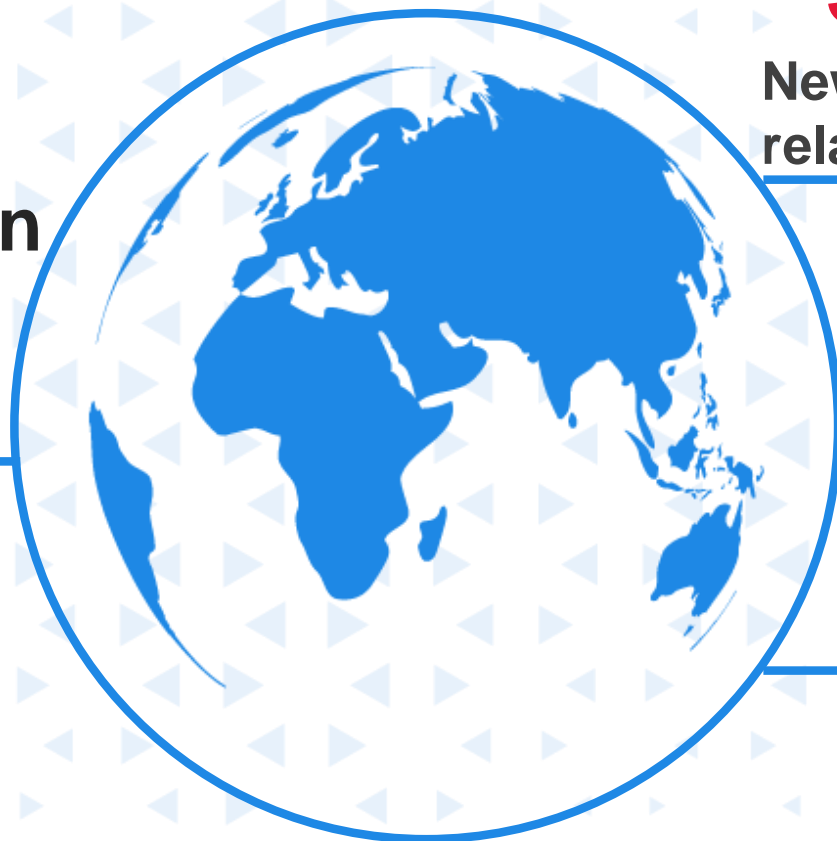
Source: UNAIDS/WHO estimates



# People living with HIV by WHO region (2019)



# Summary of regional HIV epidemic



2019  
WHO African Region  
**25.7 million**  
People living with HIV

**- 35%**

New diagnoses annually  
relative to 2010



**- 46%**

Deaths annually  
relative to 2010



Source: UNAIDS/WHO estimates



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# Summary of regional HIV epidemic

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



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# Summary of regional HIV epidemic

2019

**WHO Eastern  
Mediterranean  
Region**

**420 000**

People living with HIV



**+47%**

New diagnoses annually  
relative to 2010



**+57%**

Deaths annually  
relative to 2010



Source: UNAIDS/WHO estimates



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# Summary of regional HIV epidemic

2019  
**WHO European  
Region**

**2.6 million**

People living with HIV



**+49%**

New diagnoses annually  
relative to 2010



**+14%**

Deaths annually  
relative to 2010



Source: UNAIDS/WHO estimates



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# Summary of regional HIV epidemic

2019  
WHO South-East  
Asian Region

**3.7 million**

People living with HIV



**-26%**

New diagnoses annually  
relative to 2010



**-30%**

Deaths annually  
relative to 2010



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# Summary of regional HIV epidemic

2019  
**WHO Western  
Pacific Region**  
**1.9 million**  
People living with HIV



**+3%**

New diagnoses annually  
relative to 2010



**-36%**

Deaths annually  
relative to 2010

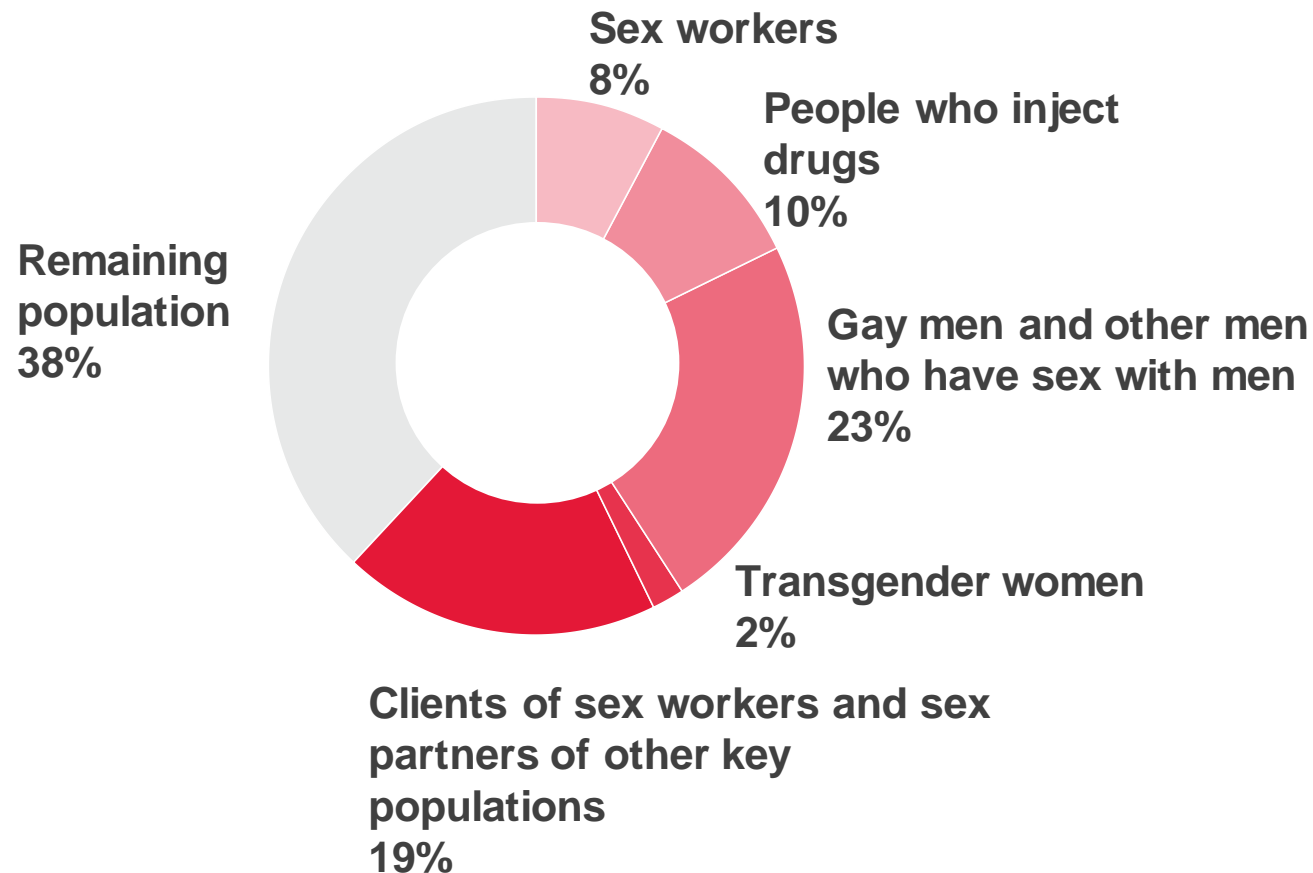


Source: UNAIDS/WHO estimates



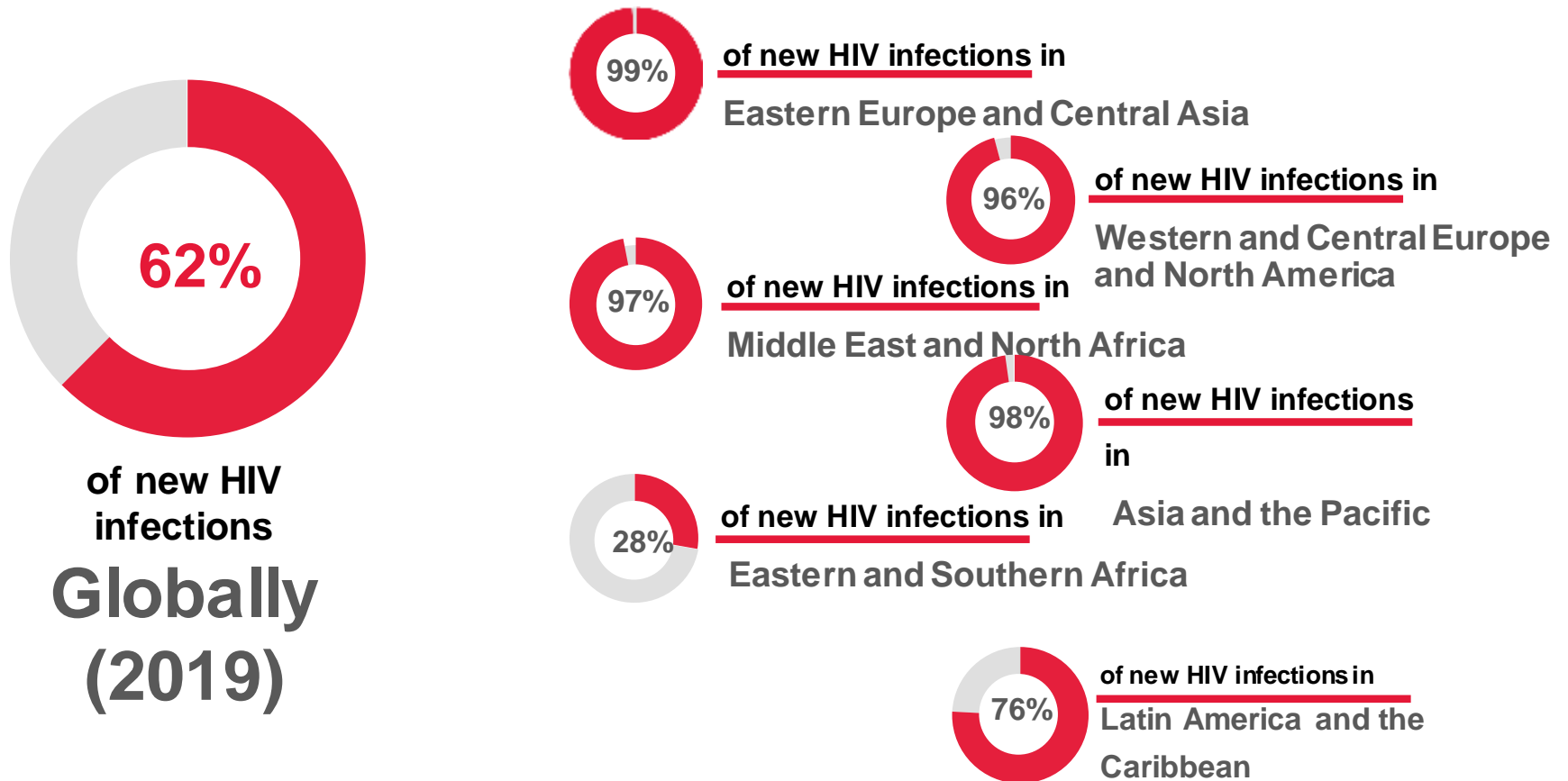
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# Distribution of new HIV infections by key population, global (2019)



Source: UNAIDS special analysis, 2019

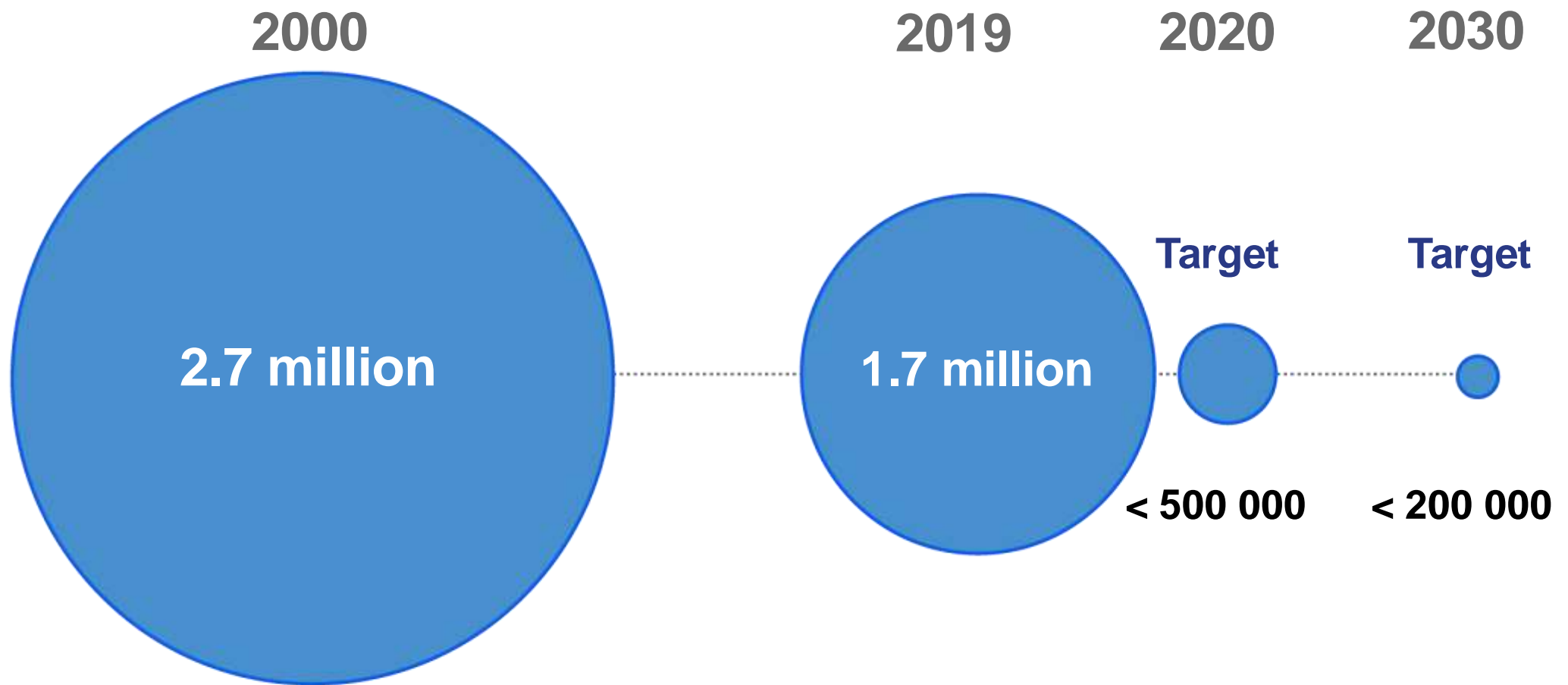
# Key populations and their sexual partners account for:



Source: UNAIDS special analysis, 2019

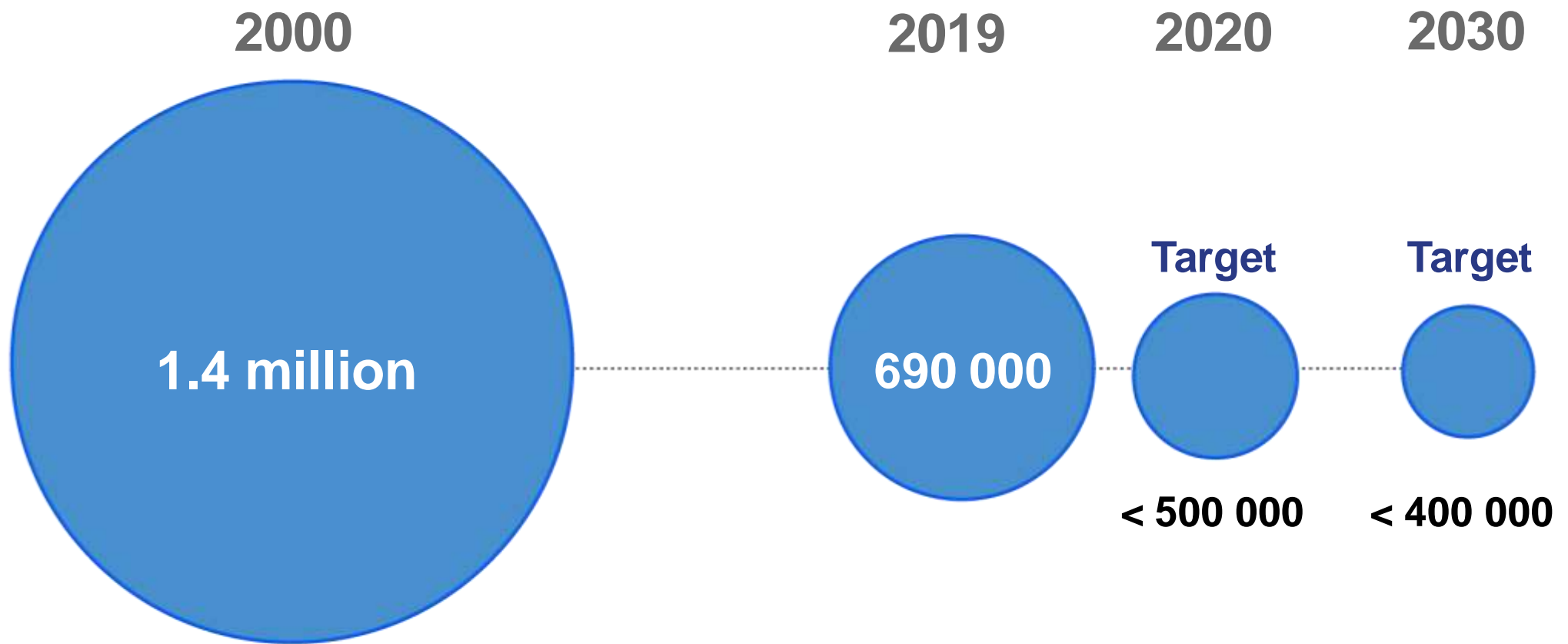
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# Global number of people newly infected with HIV



Source: UNAIDS/WHO estimates

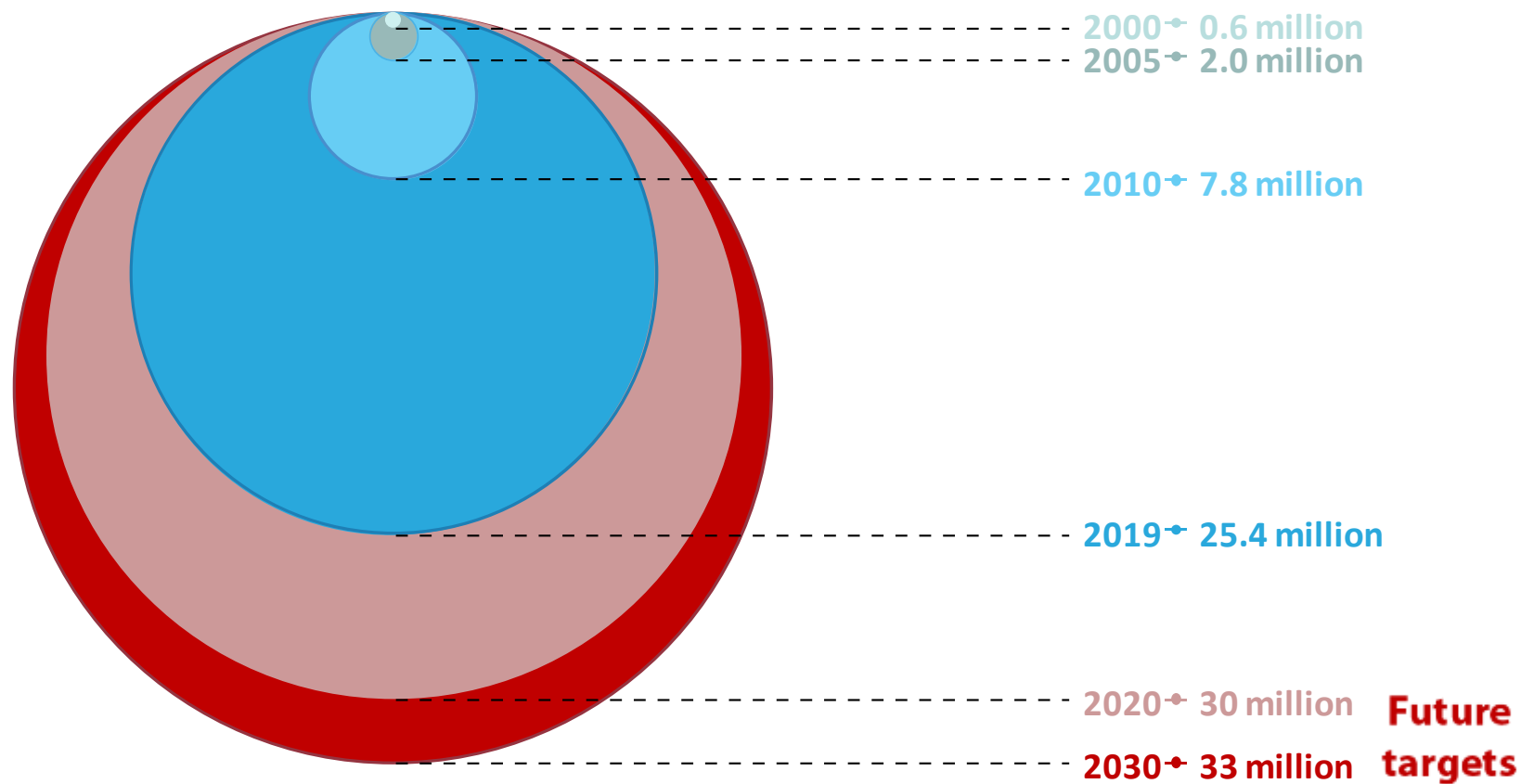
# Global number of HIV-related deaths



Source: UNAIDS/WHO estimates

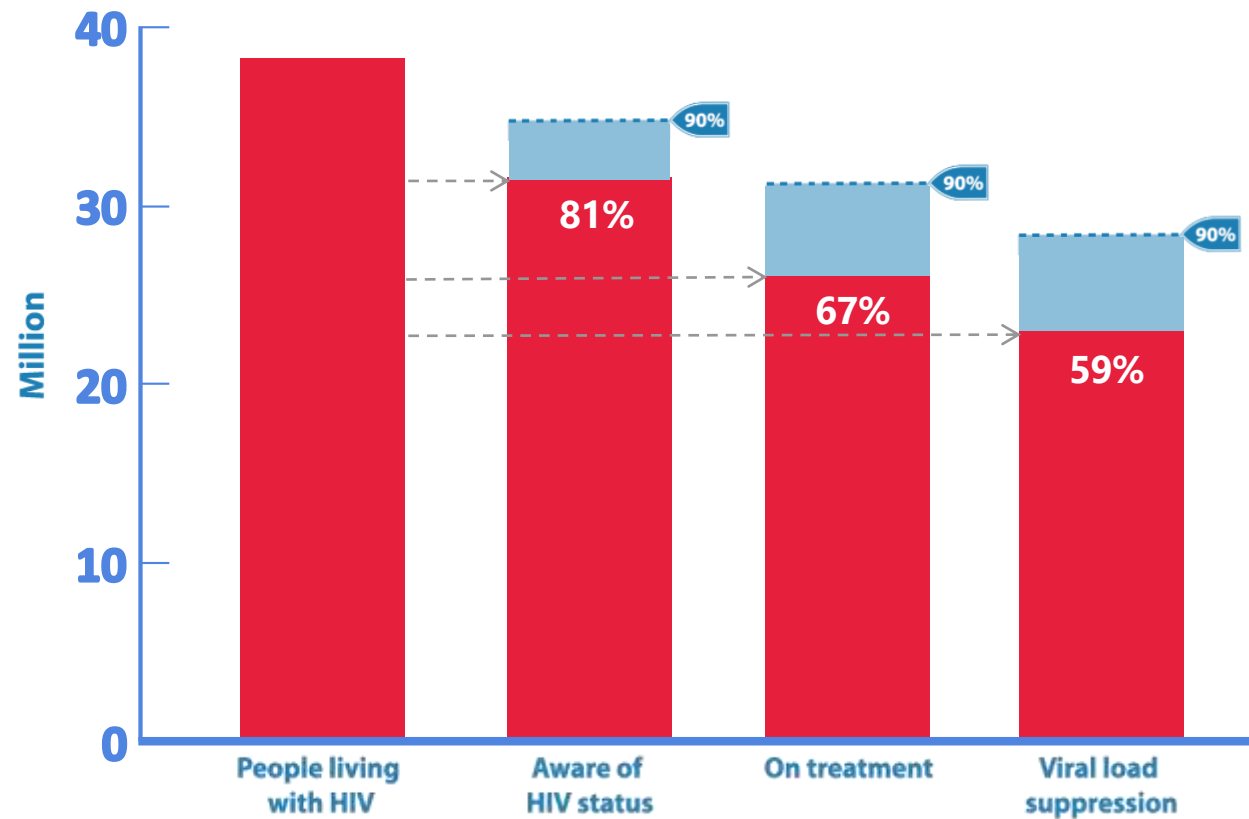


# Global number of people receiving antiretroviral therapy



Source: UNAIDS/WHO estimates

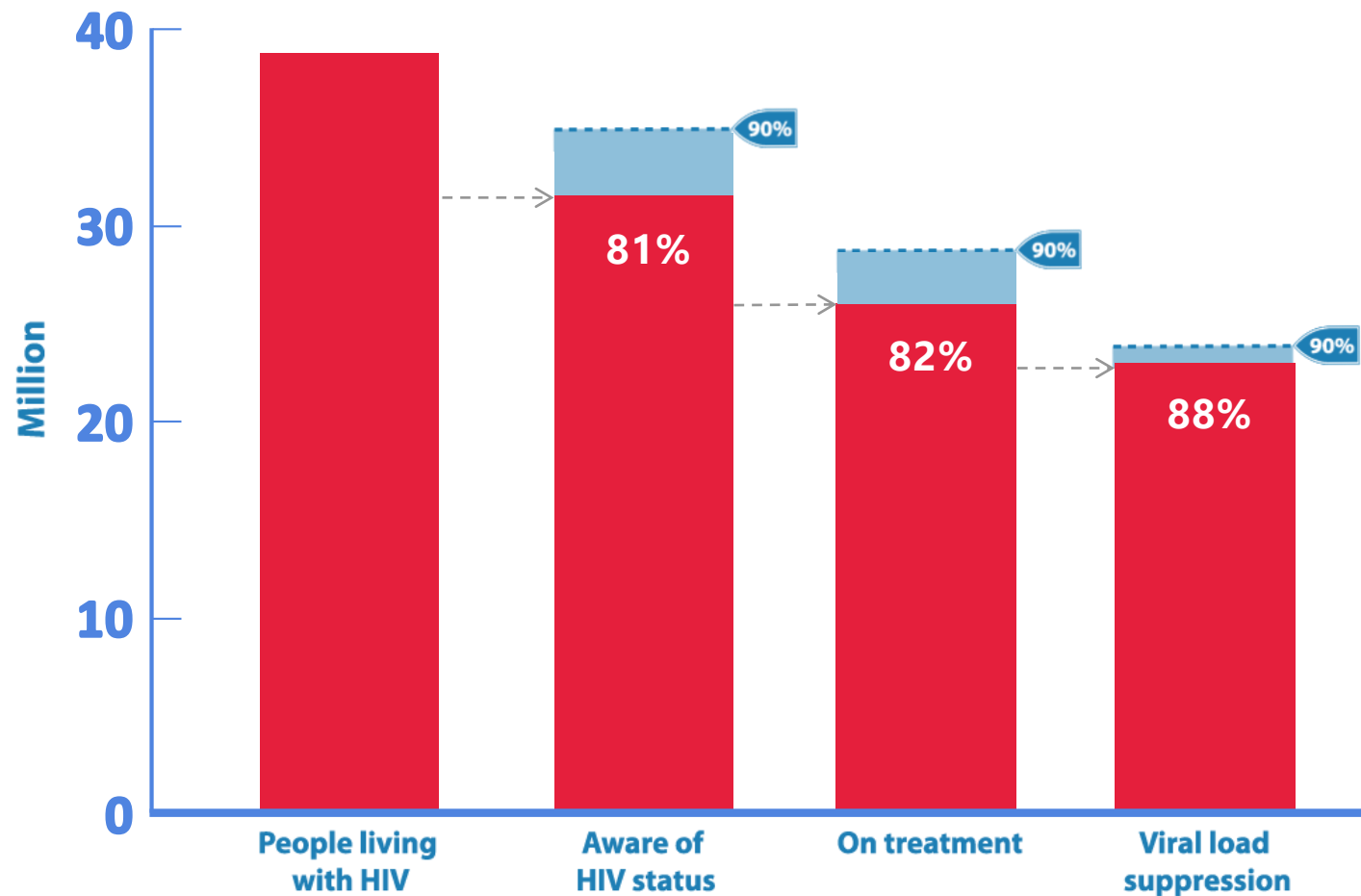
# HIV testing and care continuum, global (2019)



The denominator is “People living with HIV” in the last three bars.

Source: UNAIDS/WHO estimates

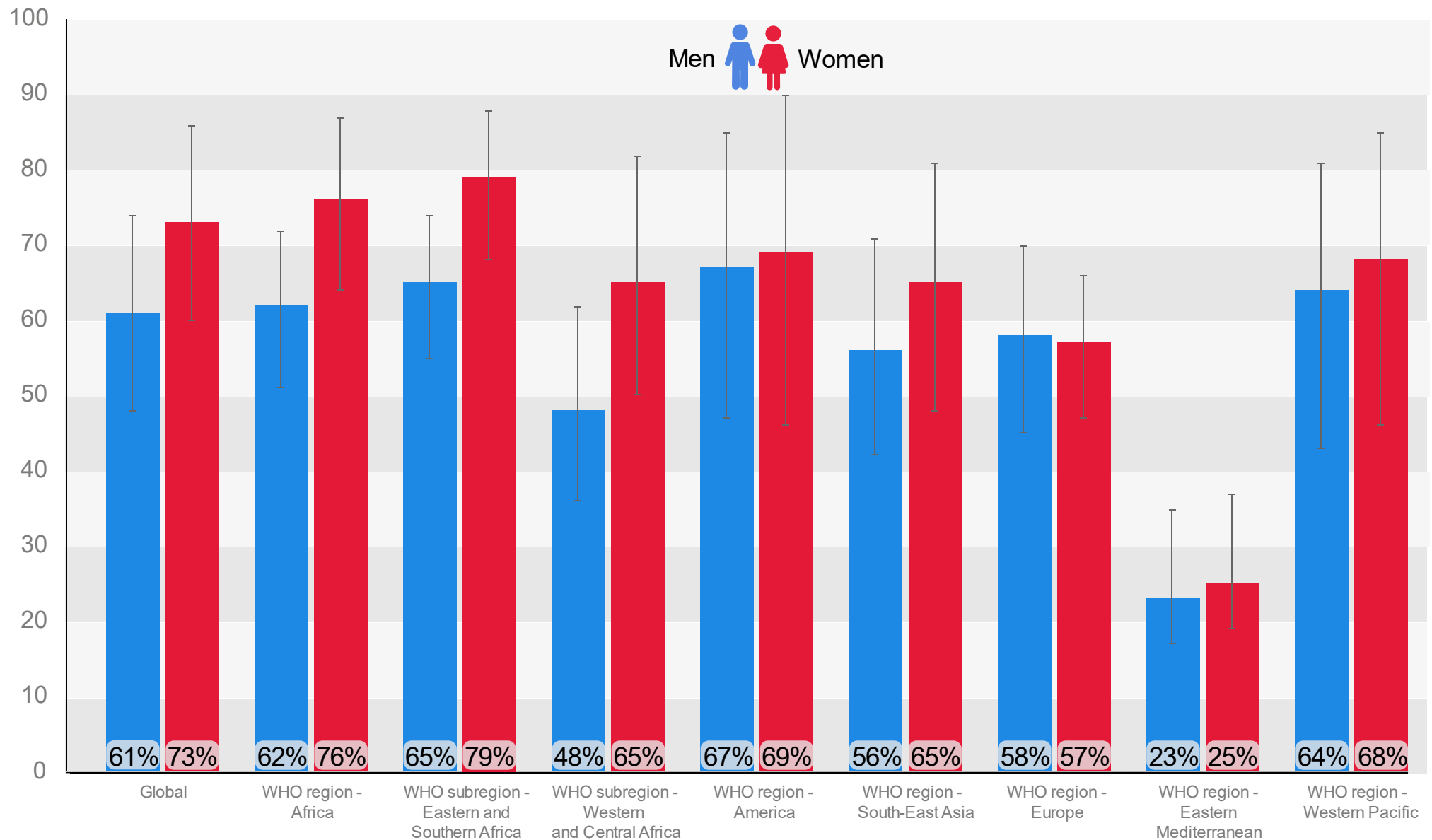
# HIV testing and care continuum, global (2019)



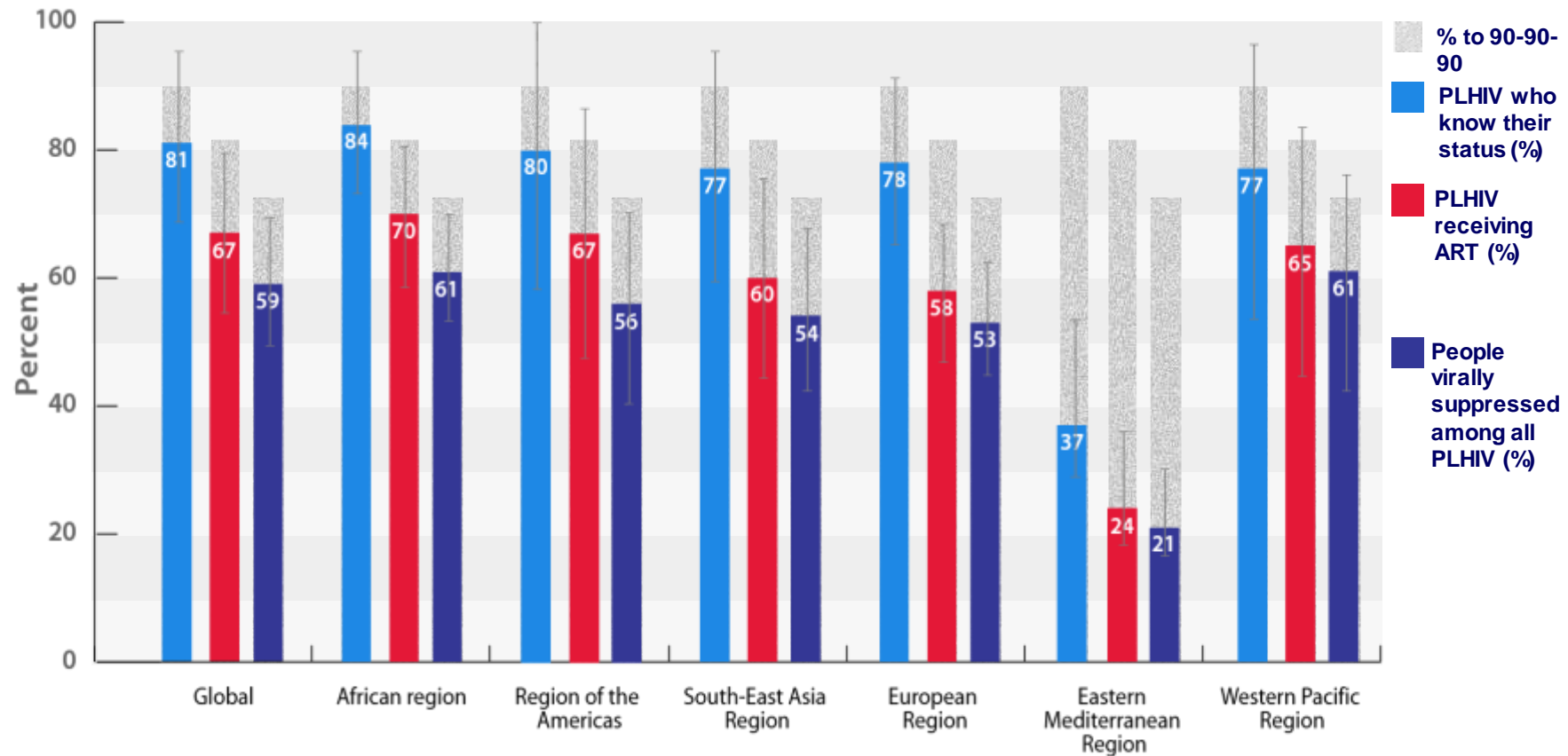
The denominator is the value from the previous bar in the last three bars. For example, 82% of people who were aware of their status were receiving ART.

Source: UNAIDS/WHO estimates

# ART coverage by sex among adults (2019)

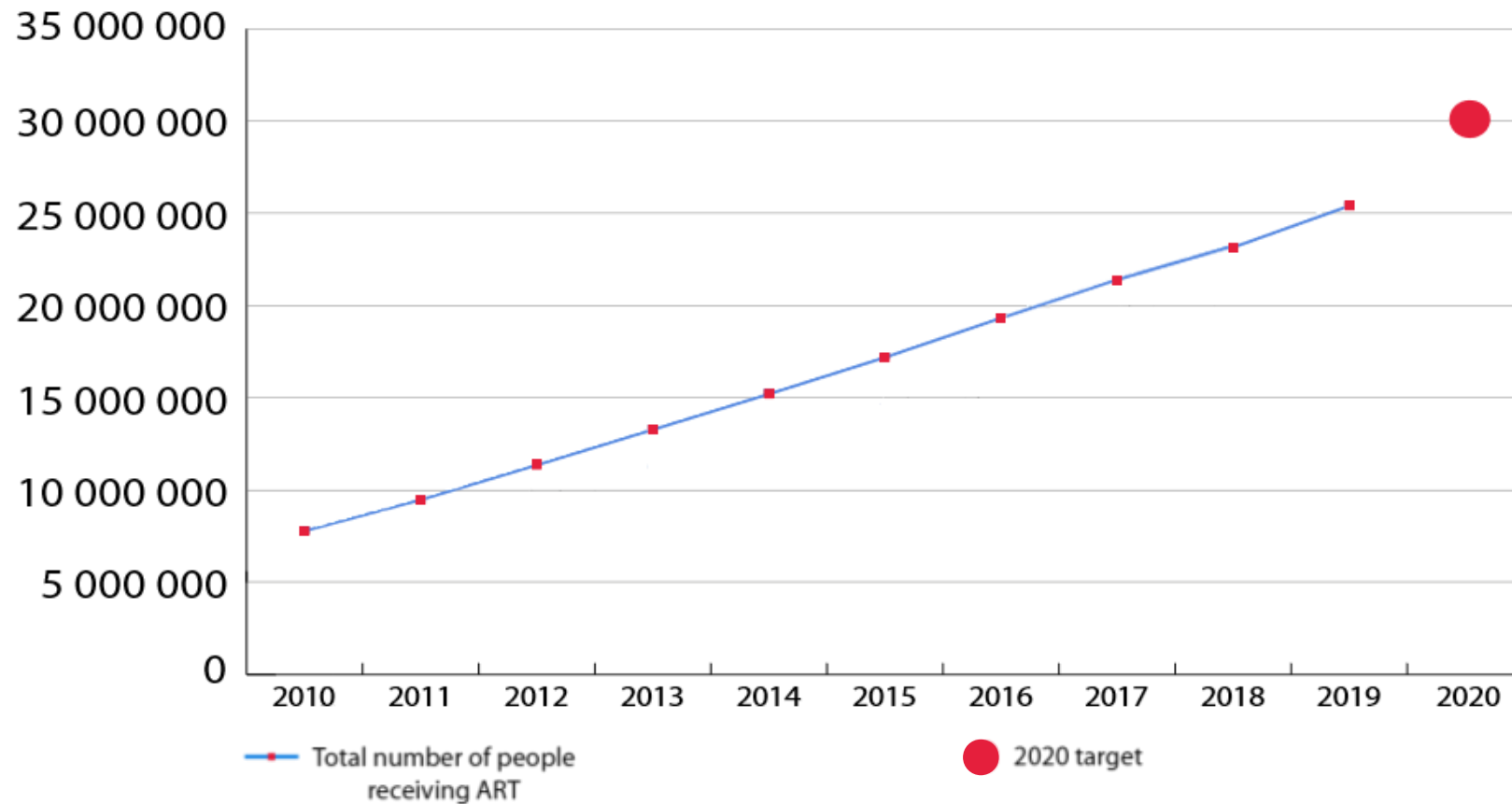


# HIV testing and care continuum by WHO region (2019)



Source: UNAIDS/WHO estimates

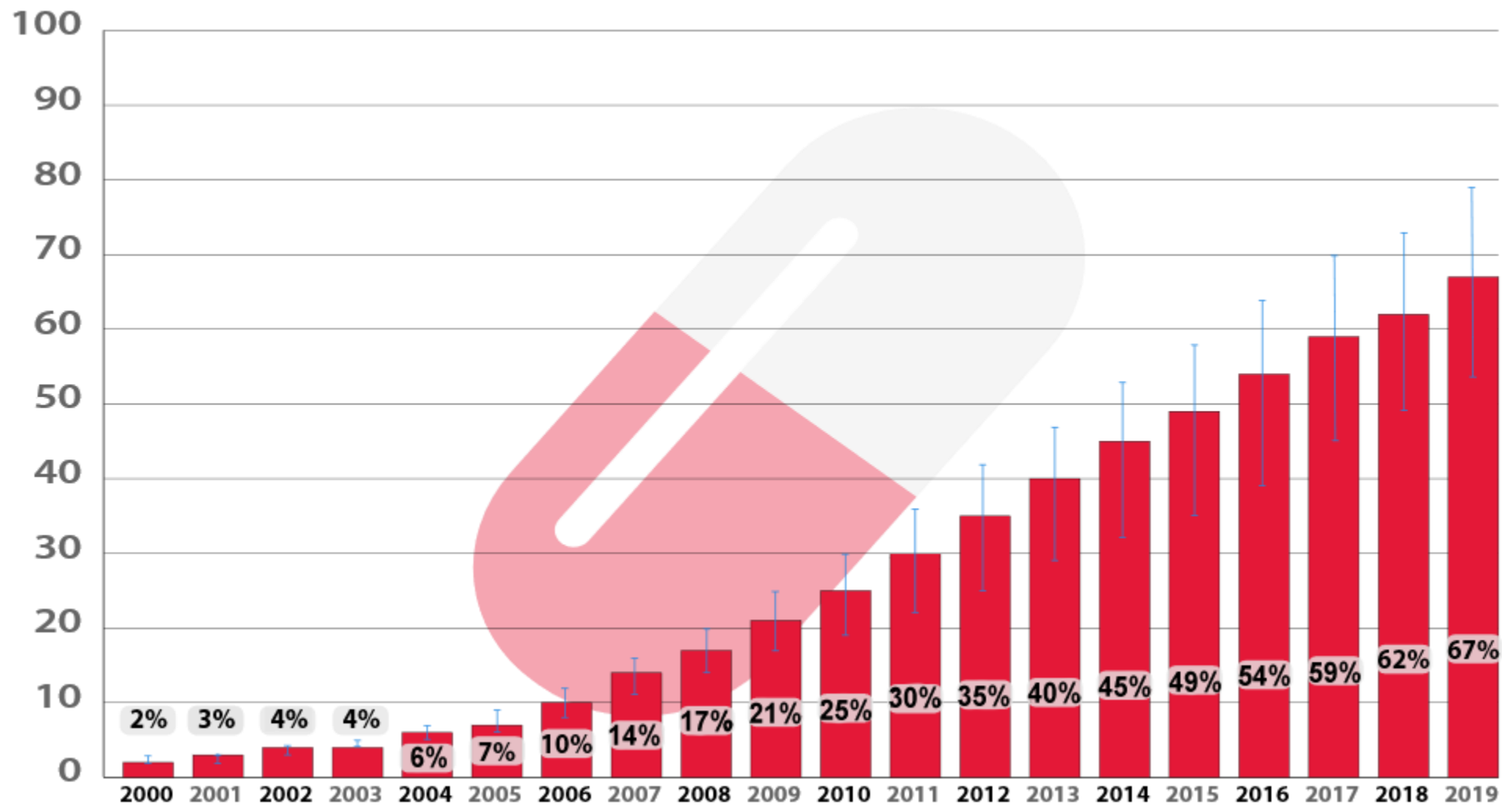
# Increase in people receiving ART over time



Source: UNAIDS/WHO estimates



# Global ART coverage over time



Source: UNAIDS/WHO estimates

# New HIV infections by region, 2018–2019

WHO region	Number of new HIV infections 2018	Number of new HIV infections 2019	New HIV infections all ages (per 1000 uninfected population) 2018	New HIV infections all ages (per 1000 uninfected population) 2019
Africa	<b>1 000 000</b>	<b>970 000</b>	<b>1</b>	<b>0.94</b>
	[760 000-1 400 000]	[730 000-1 300 000]		
Americas	<b>170 000</b>	<b>170 000</b>	<b>0.17</b>	<b>0.17</b>
	[110 000-240 000]	[110 000-240 000]		
South-East Asia	<b>170 000</b>	<b>160 000</b>	<b>0.08</b>	<b>0.08</b>
	[120 000-220 000]	[110 000-210 000]		
Europe	<b>190 000</b>	<b>190 000</b>	<b>0.2</b>	<b>0.21</b>
	[150 000-230 000]	[160 000-240 000]		
Eastern Mediterranean	<b>41 000</b>	<b>44 000</b>	<b>0.07</b>	<b>0.07</b>
	[31 000-63 000]	[33 000-67 000]		
Western Pacific	<b>110 000</b>	<b>110 000</b>	<b>0.06</b>	<b>0.06</b>
	[70 000-150 000]	[71 000-150 000]		
Global	<b>1 700 000</b>	<b>1 700 000</b>	<b>0.23</b>	<b>0.22</b>
	[1 200 000-2 300 000]	[1 200 000-2 200 000]		

Source: UNAIDS/WHO estimates

# HIV-related deaths by WHO region, 2018–2019

WHO region	Number of deaths due to HIV/AIDS 2018	Number of deaths due to HIV/AIDS 2019
Africa	460 000 [350 000 - 620 000]	440 000 [330 000 - 590 000]
Americas	52 000 [34 000 - 75 000]	52 000 [34 000 - 76 000]
South-East Asia	120 000 [75 000 - 190 000]	110 000 [65 000 - 160 000]
Europe	38 000 [28 000 - 53 000]	39 000 [28 000 - 54 000]
Eastern Mediterranean	15 000 [10 000 - 22 000]	15 000 [11 000 - 23 000]
Western Pacific	42 000 [22 000 - 72 000]	41 000 [22 000 - 70 000]
Global	730 000 [530 000 - 1 000 000]	690 000 [500 000 - 970 000]

Source: UNAIDS/WHO estimates

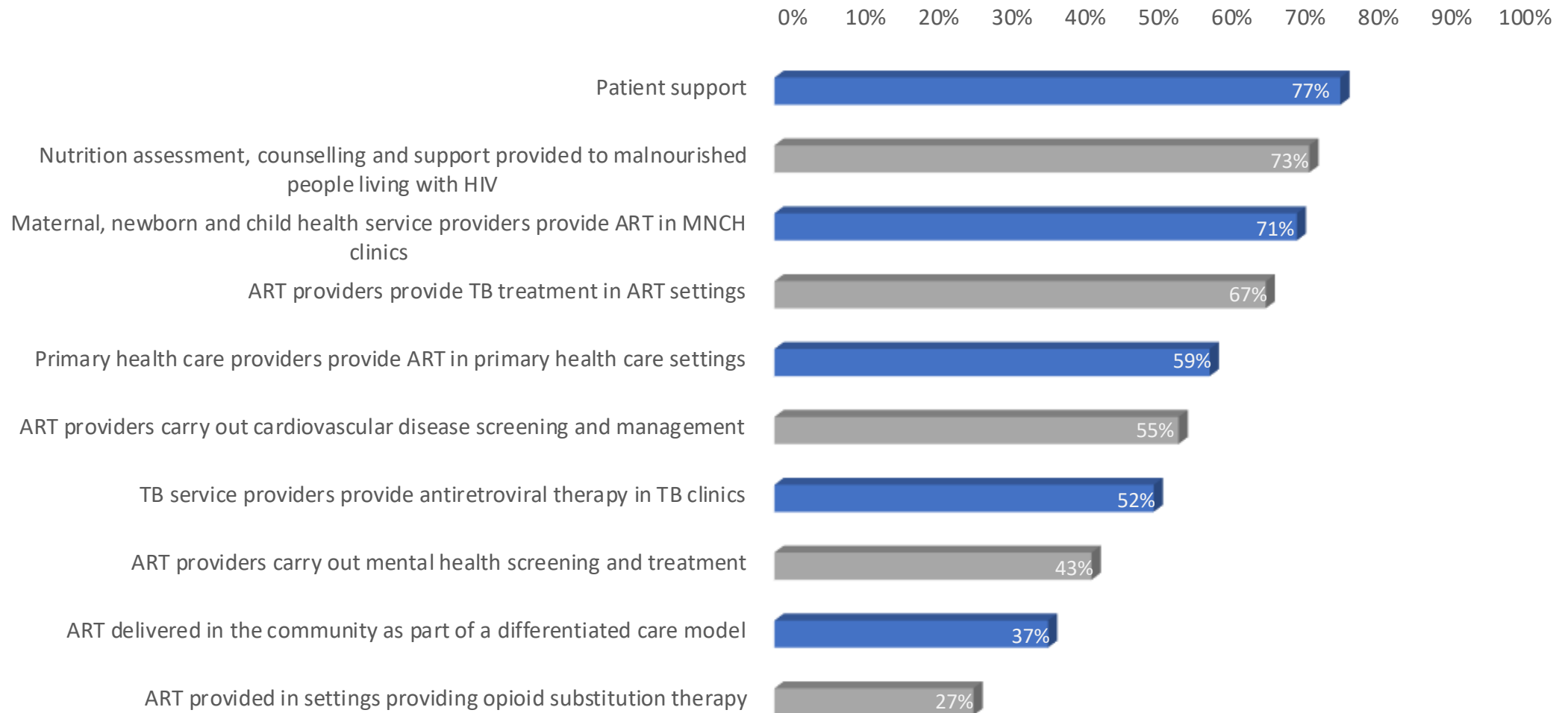
# People receiving ART by WHO region, 2000–2019

	2000			2010			2019		
WHO Region	Number of people on ART	Estimated number of people living with HIV	ART coverage (%)	Number of people on ART	Estimated number of people living with HIV	ART coverage (%)	Number of people on ART	Estimated number of people living with HIV	ART coverage (%)
African Region	10 000	17 000 000	0	5 000 000	21 300 000	24	17 800 000	25 700 000	70
		[14 800 000-19 500 000]	[0-0]		[18 500 000-24 300 000]	[18-27]		[22 300 000-29 300 000]	[58-80]
Eastern and Southern Africa	8200	13 000 000	0	4 200 000	16 600 000	25	14 900 000	20 400 000	73
		[11 500 000-14 400 000]	[0-0]		[14 800 000-18 400 000]	[20-28]		[18 100 000-22 600 000]	[62-82]
Western and Central Africa	2300	4 100 000	0	880 000	4 700 000	19	3 000 000	5 300 000	56
		[3 200 000-5 100 000]	[0-0]		[3 700 000-5 900 000]	[13-24]		[4 200 000-6 700 000]	[43-72]
Region of the Americas	370 000	2 000 000	19	1 200 000	2 800 000	44	2 500 000	3 700 000	67
		[1 400 000-2 500 000]	[14-24]		[2 000 000-3 600 000]	[28-56]		[2 700 000-4 700 000]	[47-86]
Eastern Mediterranean Region	1600	91 000	2	19 000	240 000	8	100 000	420 000	24
		[71 000-130 000]	[1-3]		[190 000-350 000]	[6-12]		[330 000-610 000]	[18-36]
European Region	190 000	780 000	24	570 000	1 600 000	37	1 500 000	2 600 000	58
		[650 000-920 000]	[20-28]		[1 300 000-1 800 000]	[27-44]		[2 200 000-3 000 000]	[46-68]
South-East Asia Region	1700	3 200 000	0	670 000	3 400 000	20	2 200 000	3 700 000	60
		[2 400 000-4 000 000]	[0-0]		[2 600 000-4 200 000]	[13-25]		[2 800 000-4 600 000]	[44-75]
Western Pacific Region	10 000	910 000	1	240 000	1 400 000	16	1 300 000	1 900 000	65
		[630 000-1 100 000]	[1-1]		[1 000 000-1 800 000]	[10-21]		[1 300 000-2 400 000]	[44-83]
Global	590 000	24 000 000	2	7 800 000	30 700 000	25	25 400 000	38 000 000	67
		[20 000 000-28 200 000]	[2-3]		[25 600 000-36 100 000]	[19-30]		[31 600 000-44 500 000]	[54-79]

Source: UNAIDS/WHO estimates

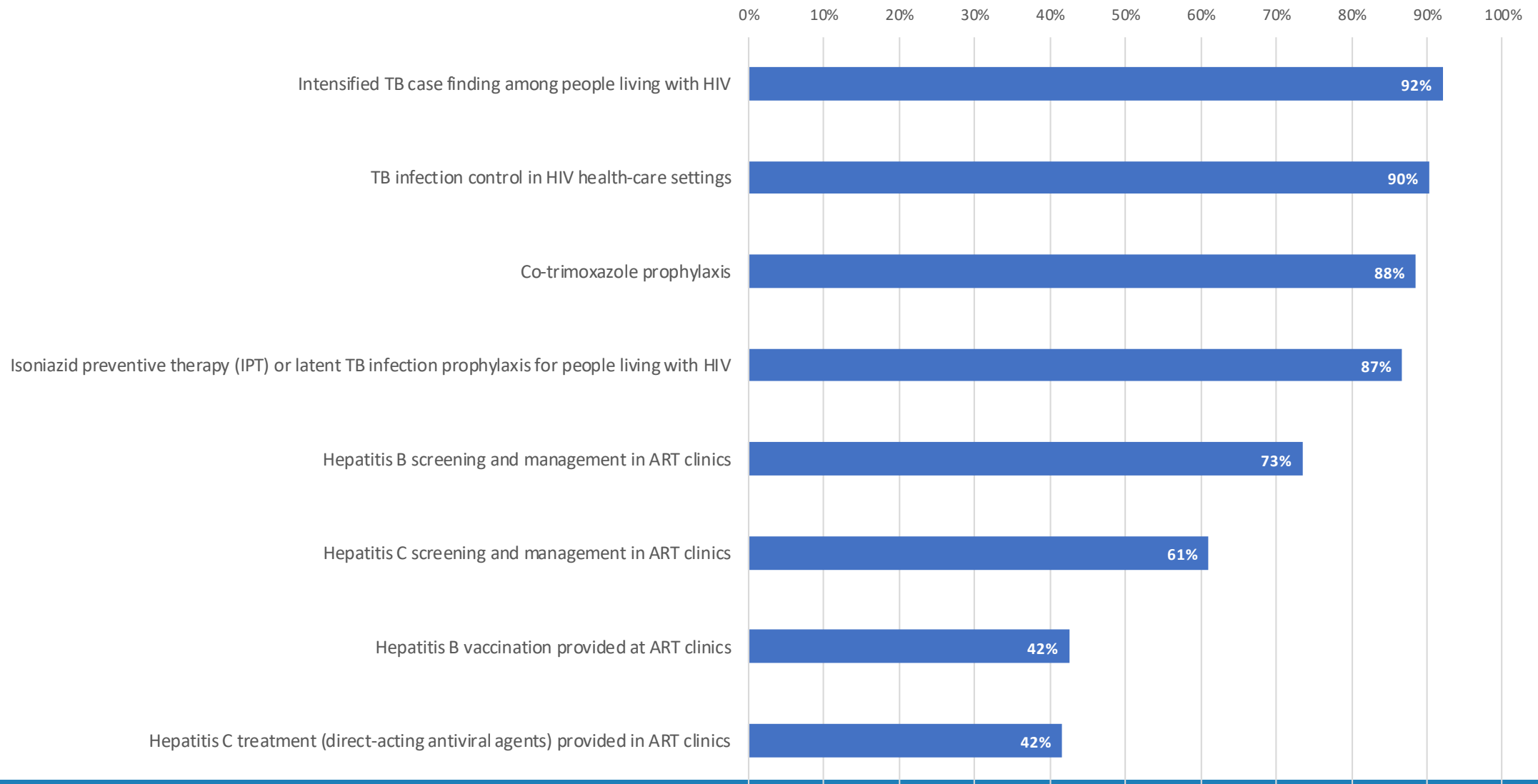
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# Service provision modalities included in the national policy on antiretroviral therapy for adults, adolescents and children (n=118), 2020



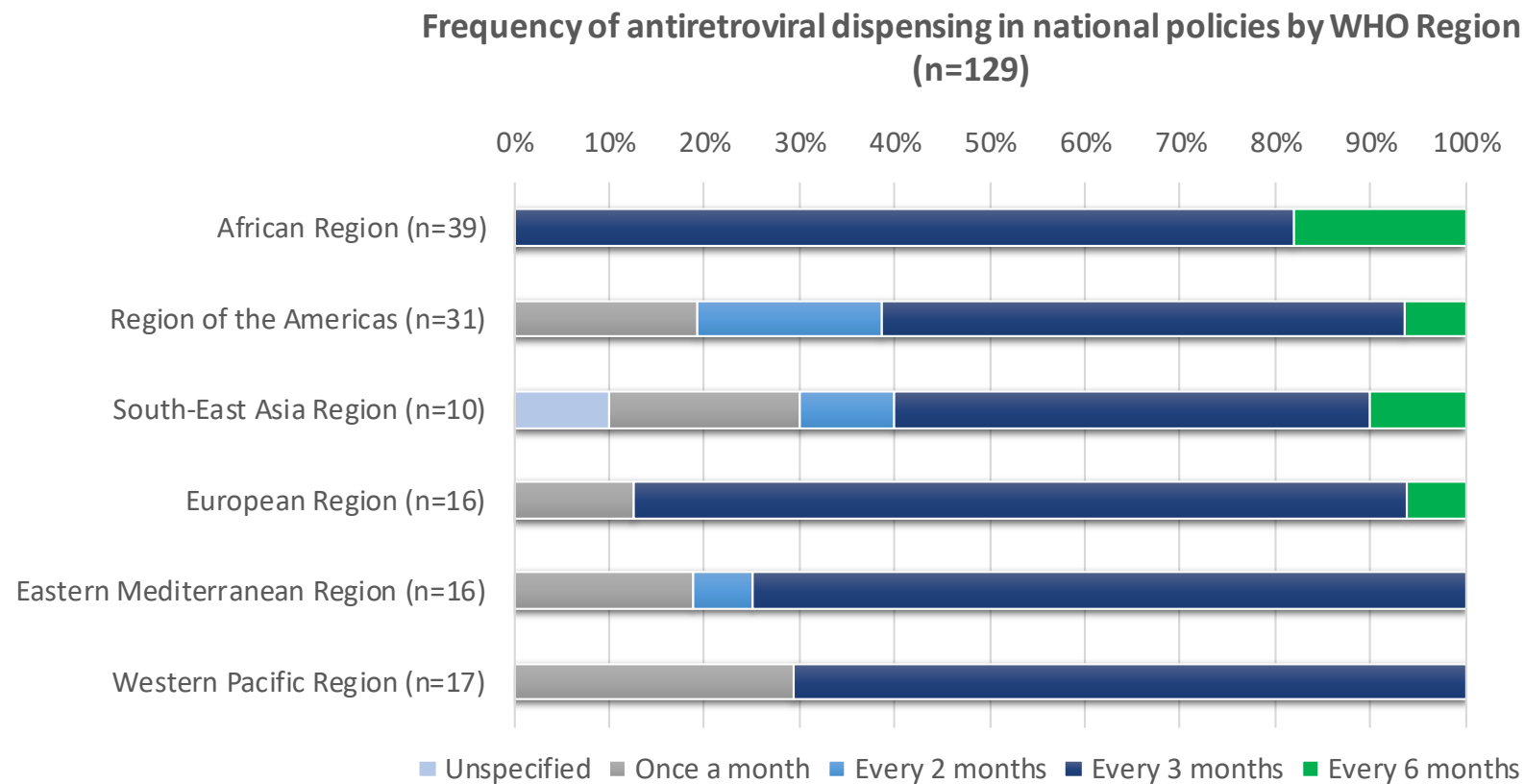
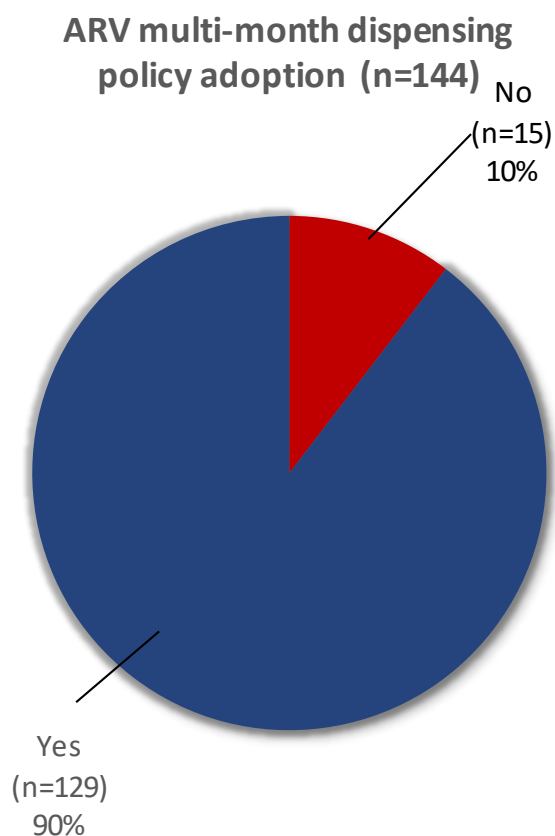


# Percentage of countries with coinfection policies in place for adults, adolescents and children (n=113), 2020



Source: Global HIV, Hepatitis and STIs Programme (HSS), WHO, 2020

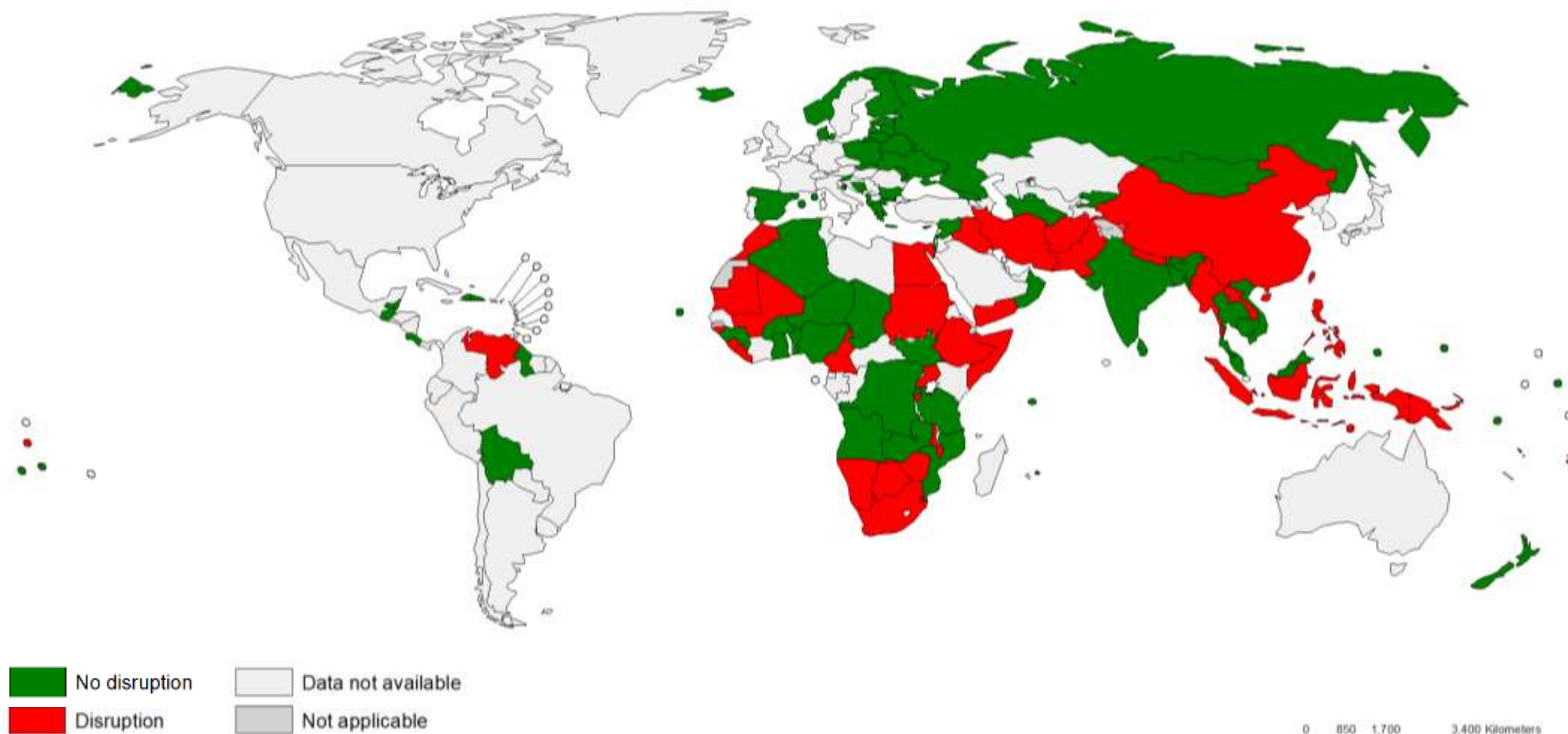
# National policies on frequency of ART pick-up for people who are stable on ART, 2020



Source: GlobalAids Monitoring, UNAIDS/WHO/UNICEF and WHO HIV/HEP/STI COVID-19 Questionnaire, 2020

# Countries reporting on ARV disruptions due to COVID-19, 2020

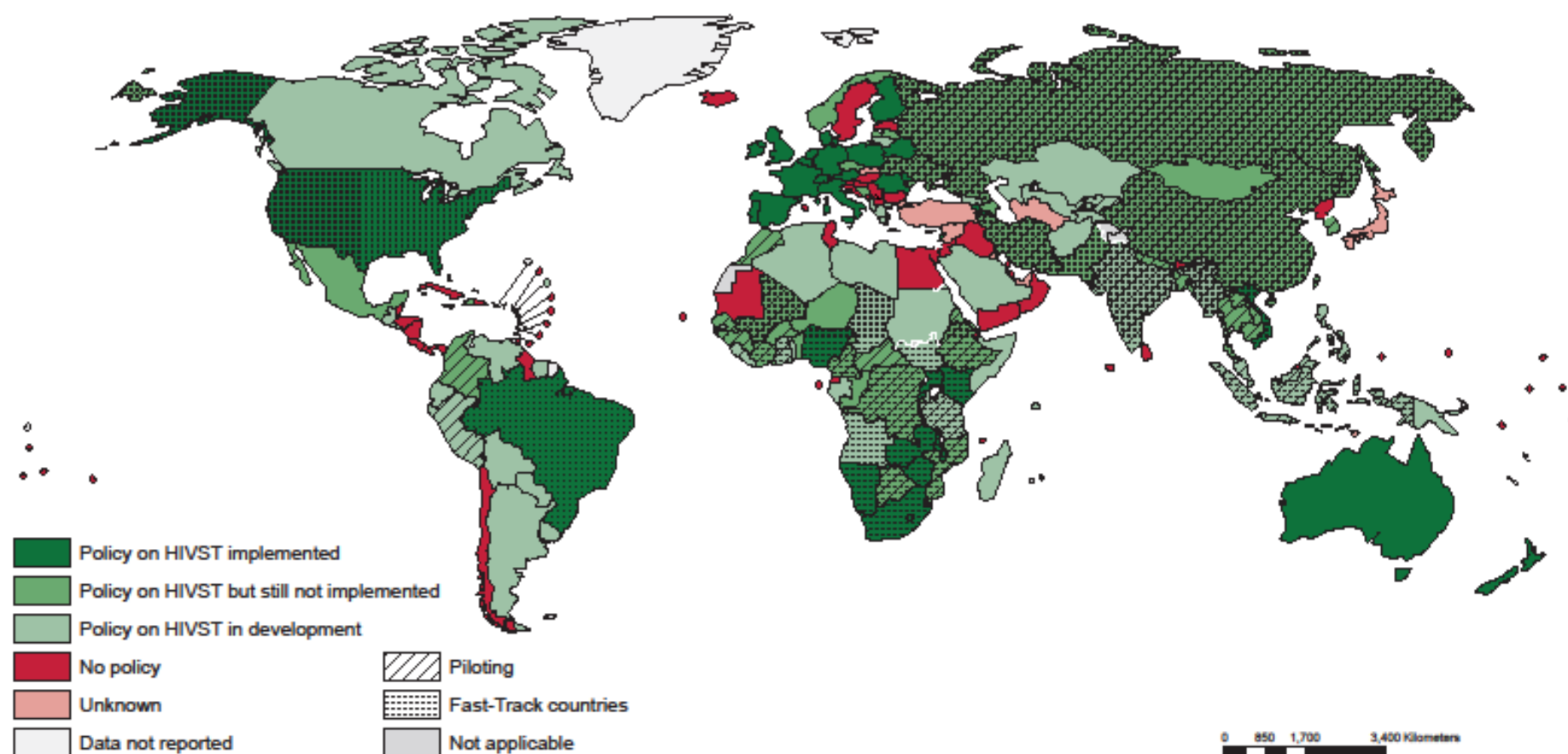
Preliminary results compiled from a survey conducted by WHO between April and June 2020 (n=127)



Source: Global HIV, Hepatitis and STIs Programmes (HSS), WHO, 2020

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## Status of HIV self-testing (HIVST) in national policies (situation as of July 2019)



Source: Global AIDS Monitoring (UNAIDS/WHO/UNICEF) and WHO HIV Country Intelligence Tool, 2019

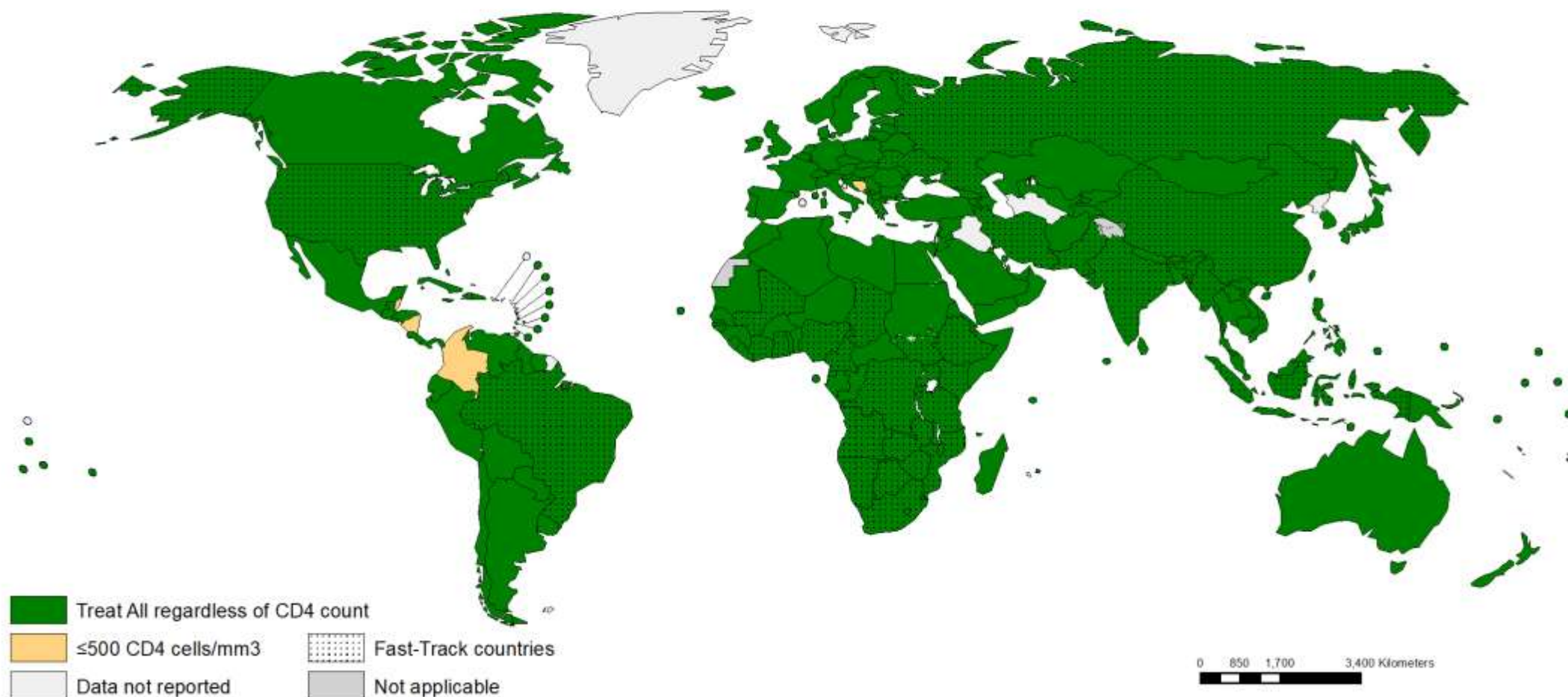
### Preliminary update as of June 2020:

- **10 *additional* countries** have reported HIVST policies in 2020
- **4 *additional* countries** have reported HIVST implementation in 2020

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## Uptake of WHO policy for Treat All ART initiation among adults and adolescents living with HIV, 2020

Preliminary data as of end June 2020



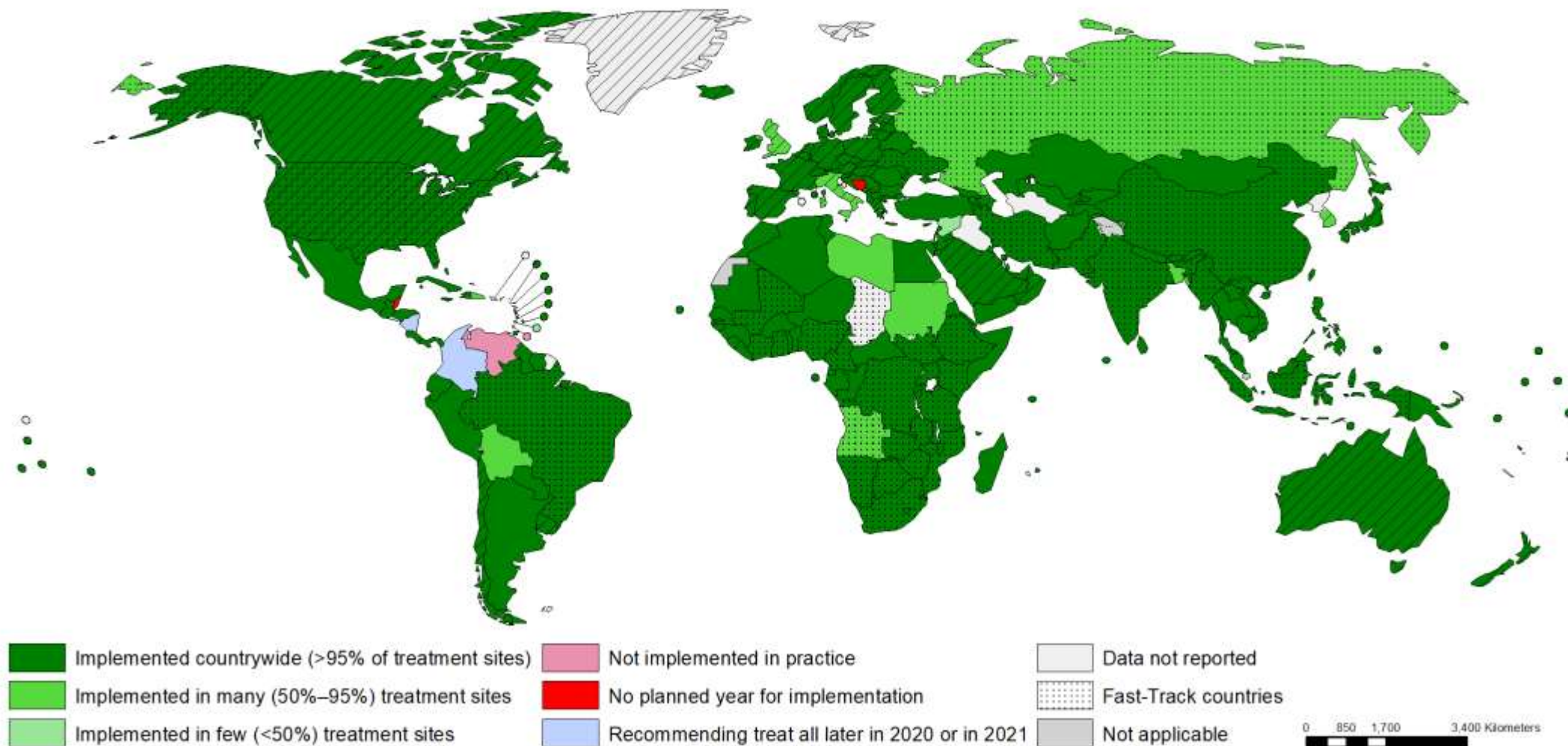
Source: Global AIDS Monitoring (UNAIDS/WHO/UNICEF) and WHO HIV Country Intelligence Tool, 2020

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# Implementation of Treat All ART recommendation among adults and adolescents living with HIV, 2020

Preliminary data as of end June 2020



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

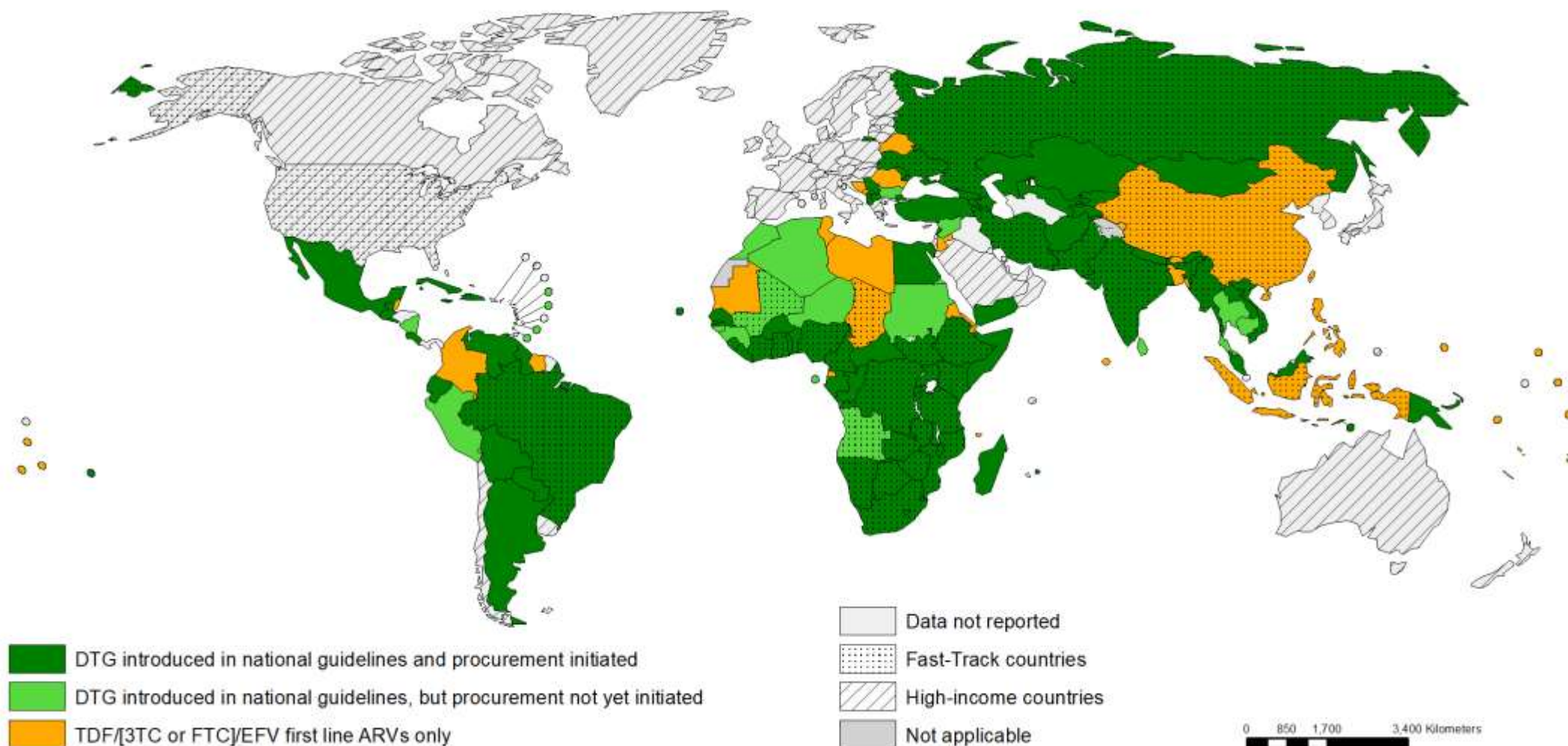
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## Preferred first line regimen among adults and adolescents in low- and middle-income countries, 2020

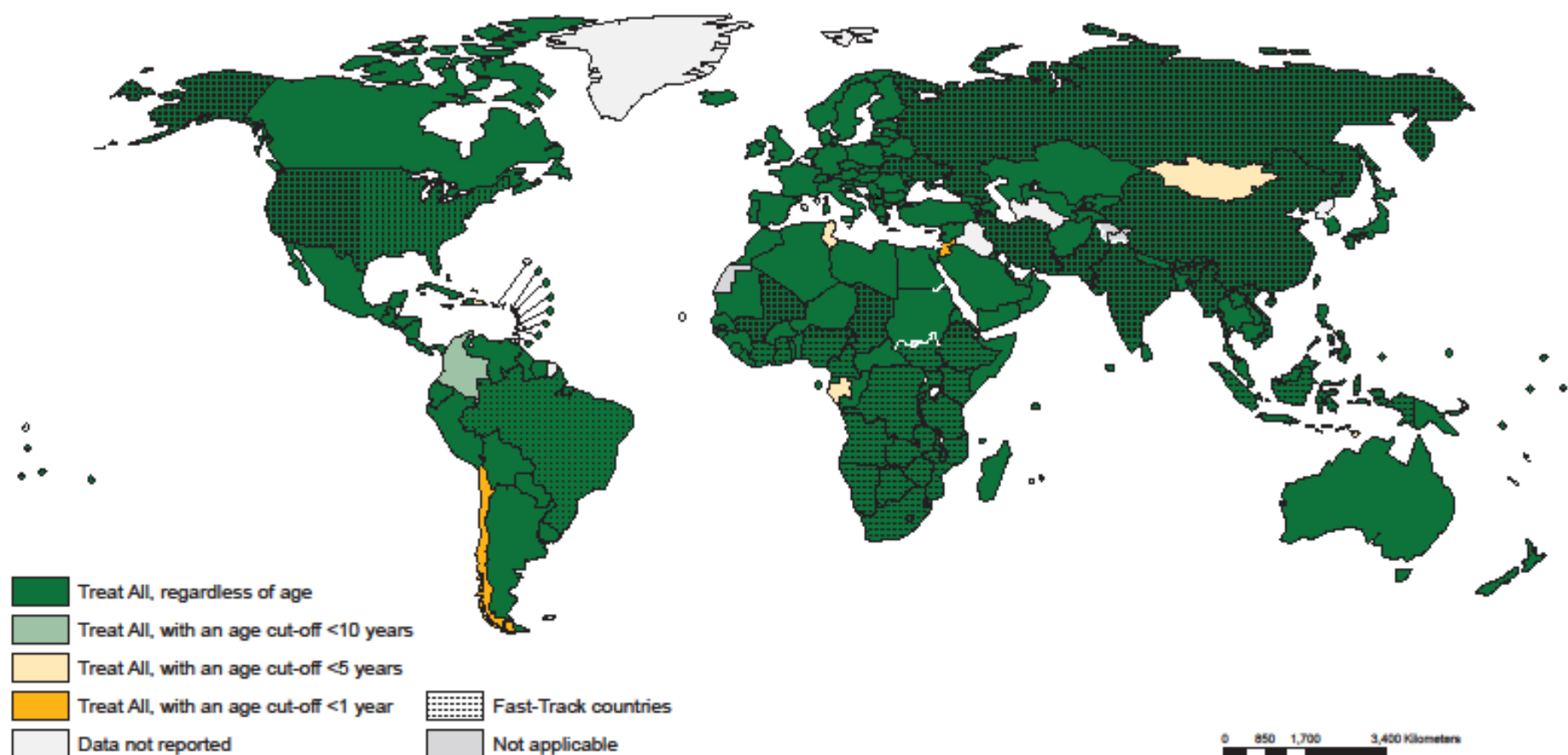
Preliminary data as  
of end June 2020



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

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**Uptake of WHO policy for Treat All ART initiation among children and adolescents <15 years living with HIV  
(situation as of July 2019)**



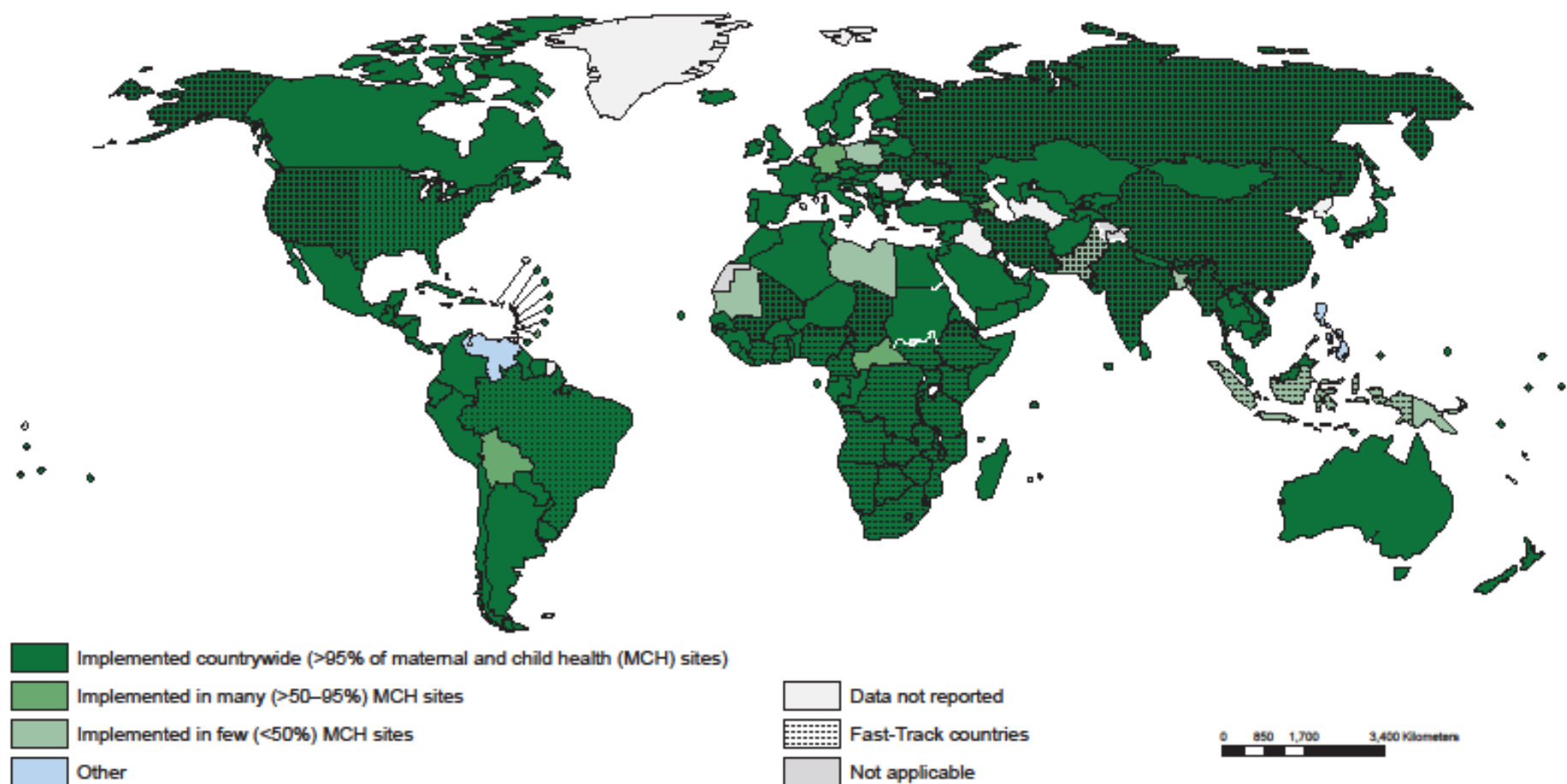
Source: Global AIDS Monitoring (UNAIDS/WHO/UNICEF) and WHO HIV Country Intelligence Tool, 2019

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## Implementation of Treat All policy for pregnant and/or breastfeeding women living with HIV (situation as of July 2019)



Source: Global AIDS Monitoring (UNAIDS/WHO/UNICEF) and WHO HIV Country Intelligence Tool, 2019

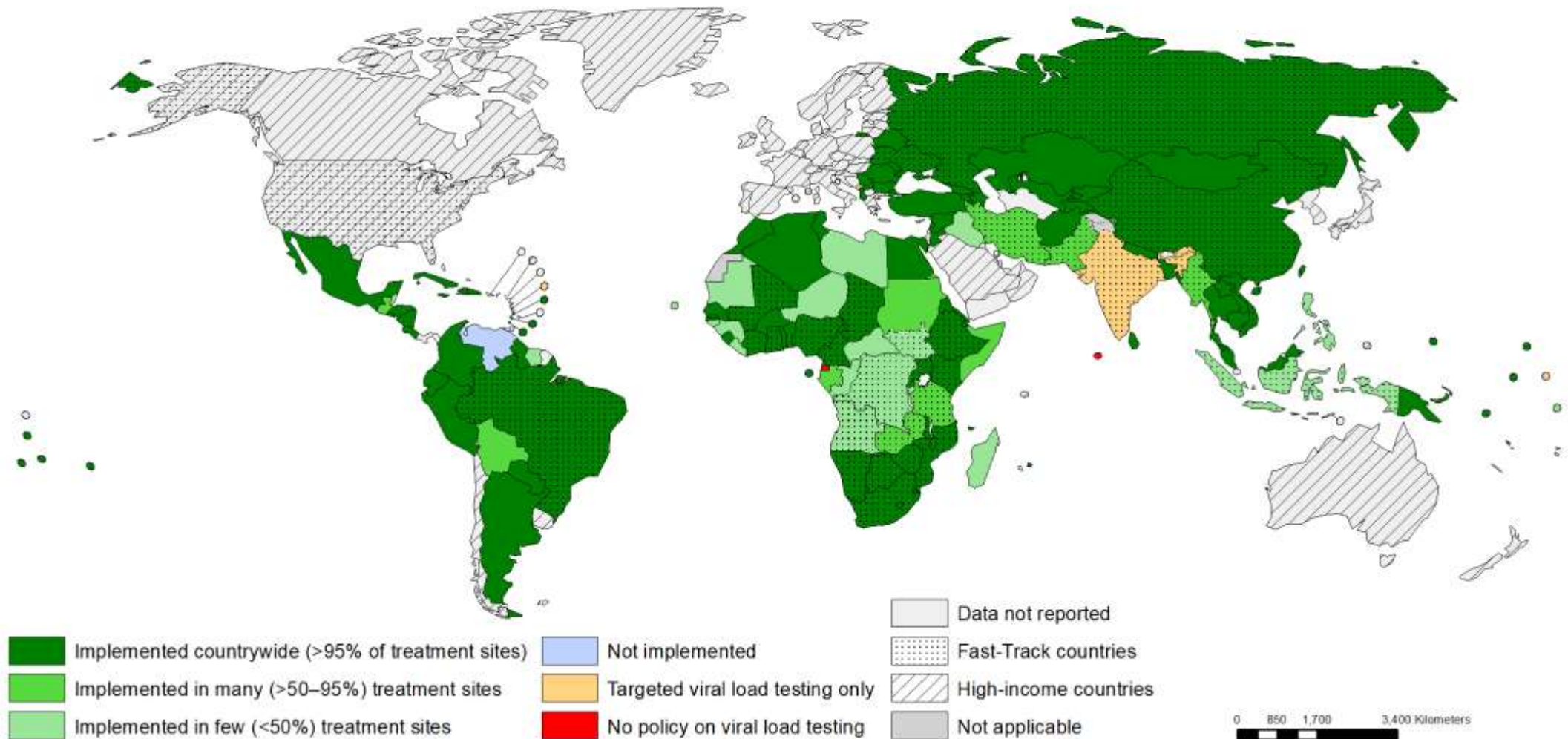
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# National policy on routine viral load testing for monitoring ART and level of implementation for adults and adolescents in low- and middle-income countries, 2020

Preliminary data as of end June 2020



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

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