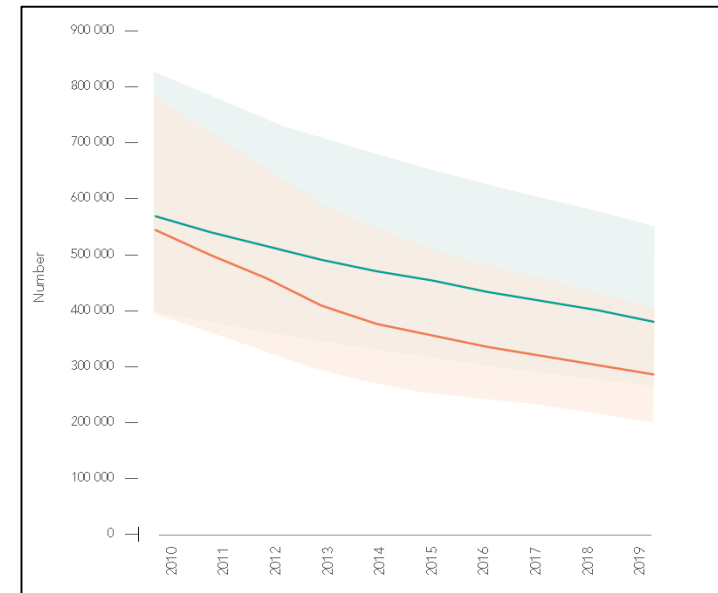
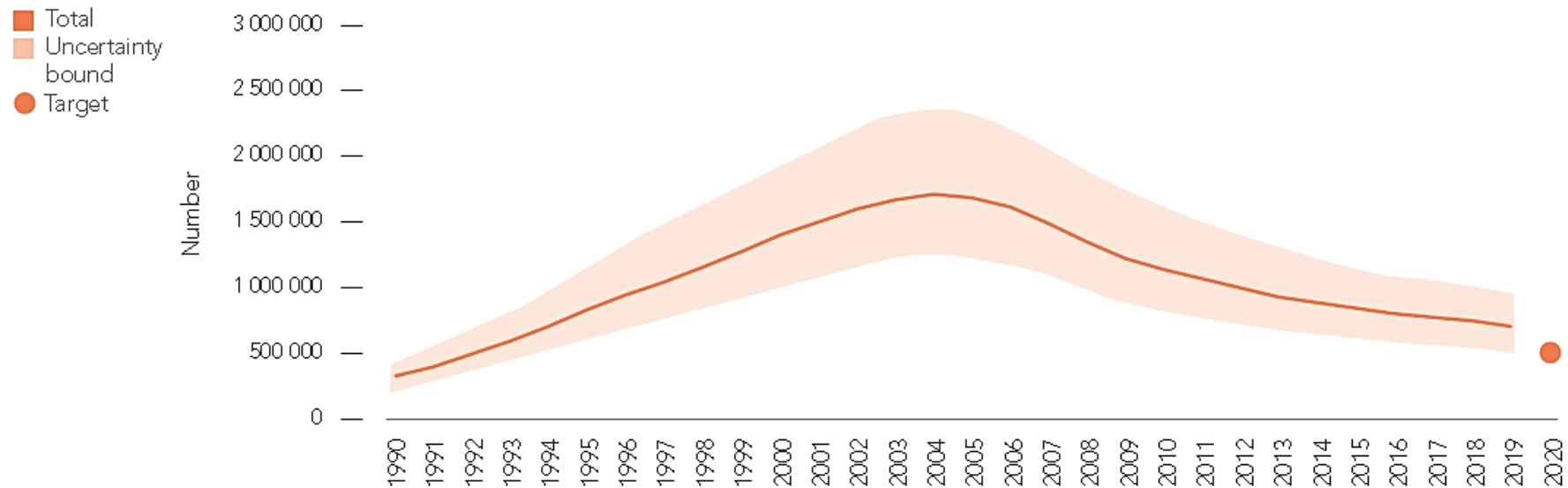


Status of the HIV epidemic in 2020

Mary Mahy,
Epidemiology Team Lead,
UNAIDS Geneva

690,000 AIDS-related deaths in 2019!

AIDS-related deaths, global, 1990–2019



In all regions except Europe and north America, men lag behind women on access to treatment

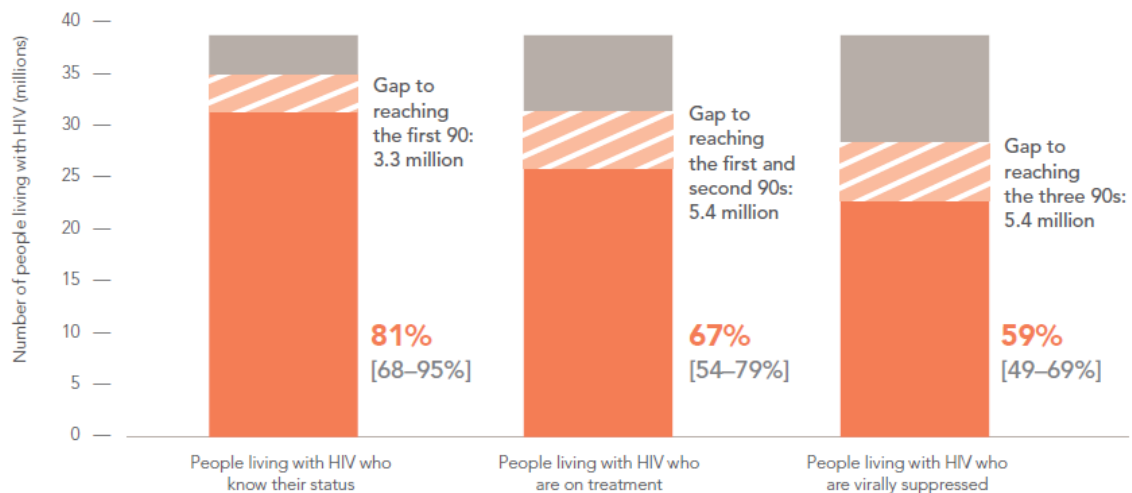
Coverage of antiretroviral therapy by sex, men and women (aged 15 years and older), regional, 2019



Source: UNAIDS epidemiological estimates, 2020 (see <https://aidsinfo.unaids.org/>); UNAIDS Global AIDS Monitoring, 2020 (see <https://aidsinfo.unaids.org/>).

90-90-90 targets have been reached in some countries

HIV testing and treatment cascade, global, 2019



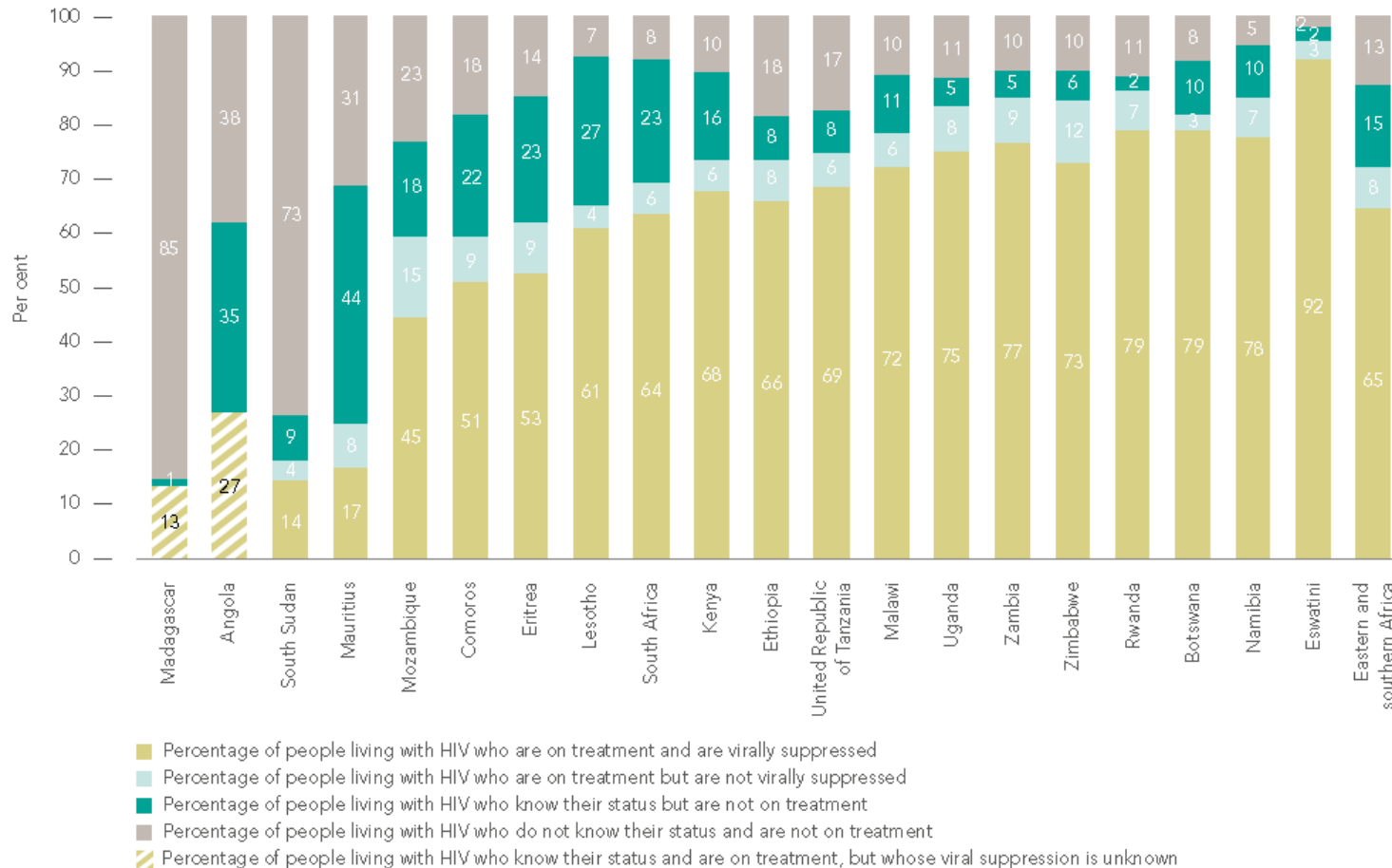
Source: UNAIDS special analysis, 2020 (see annex on methods).

Progress towards 90-90-90 targets, by country, among those with treatment coverage equal to or greater than the annual global average, 2019*

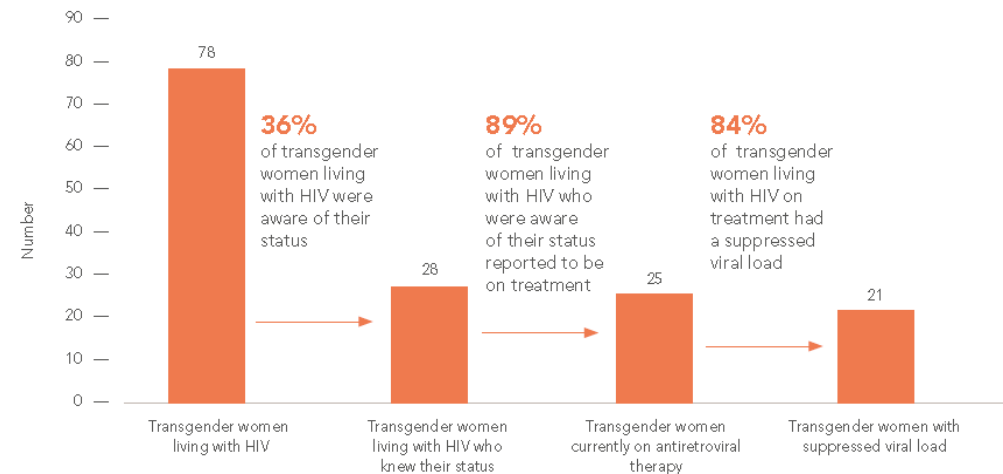
	People living with HIV who know their status	People living with HIV who know their status and are on treatment	People on treatment who are virally suppressed		Viral load suppression among people living with HIV
ACHIEVED 2030 TARGET (95%)	Eswatini Namibia	Burundi Cambodia Denmark Eswatini Haiti Rwanda Senegal Switzerland Zambia	Australia Botswana Cambodia Eswatini Germany Ireland Japan Myanmar Netherlands Switzerland Thailand Viet Nam	ACHIEVED 2030 TARGET (86%)	Eswatini Switzerland
ACHIEVED 2020 TARGET (90%)	Australia Botswana Chile Guyana Ireland Kenya Malawi Netherlands South Africa Switzerland Zambia Zimbabwe	Australia Burkina Faso Ethiopia Germany Morocco Namibia Netherlands Singapore Spain Uganda United Republic of Tanzania Zimbabwe	Brazil Chile Kenya Malawi Morocco Namibia Rwanda Singapore South Africa Spain Trinidad and Tobago Uganda United Republic of Tanzania Zambia	ACHIEVED 2020 TARGET (73%)	Australia Botswana Cambodia Ireland Namibia Netherlands Rwanda Spain Thailand Uganda Zambia Zimbabwe

Many countries in Eastern Southern Africa are making progress toward 90s targets, but still missing key populations

Knowledge of status, treatment and viral suppression gaps by country, eastern and southern Africa, 2019



Transgender women testing and treatment cascade, Harare, Zimbabwe, 2019



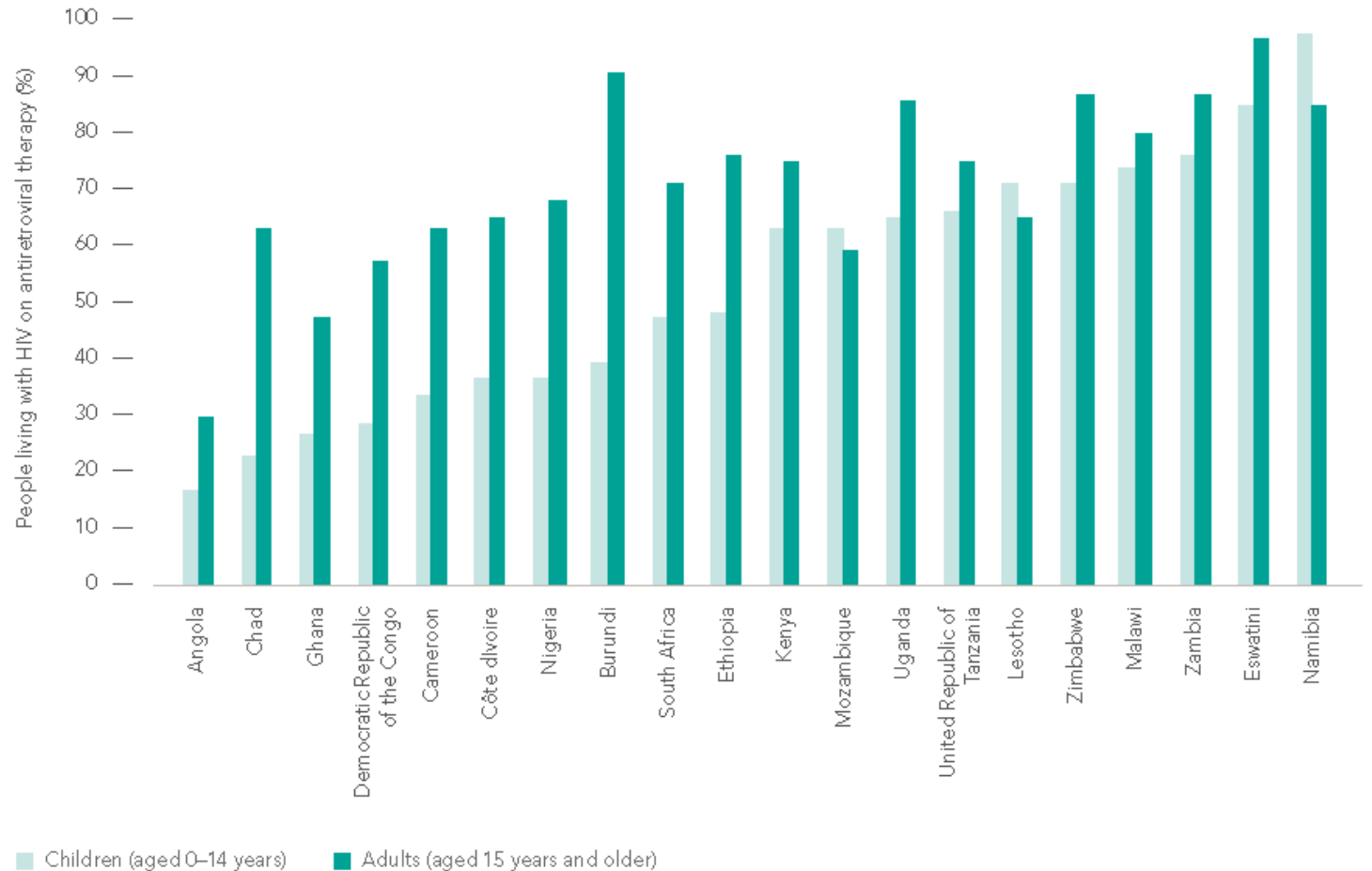
Source: Harris T, Parnley L, Mapingue M, Mugurungi O, Rogers JH, Apollo T et al. HIV care cascade: men who have sex with men & transgender women/genderqueer, Zimbabwe. Conference on Retrovirology and Opportunistic Infections (CROI), Boston (MA), 8-11 March 2020. Abstract 1097.

Despite high levels of treatment coverage among adults in some countries, persistent gaps for children

53% of children living with HIV are receiving treatment

950 000 children received treatment in 2019, well below the target of 1.4 million on treatment by 2020

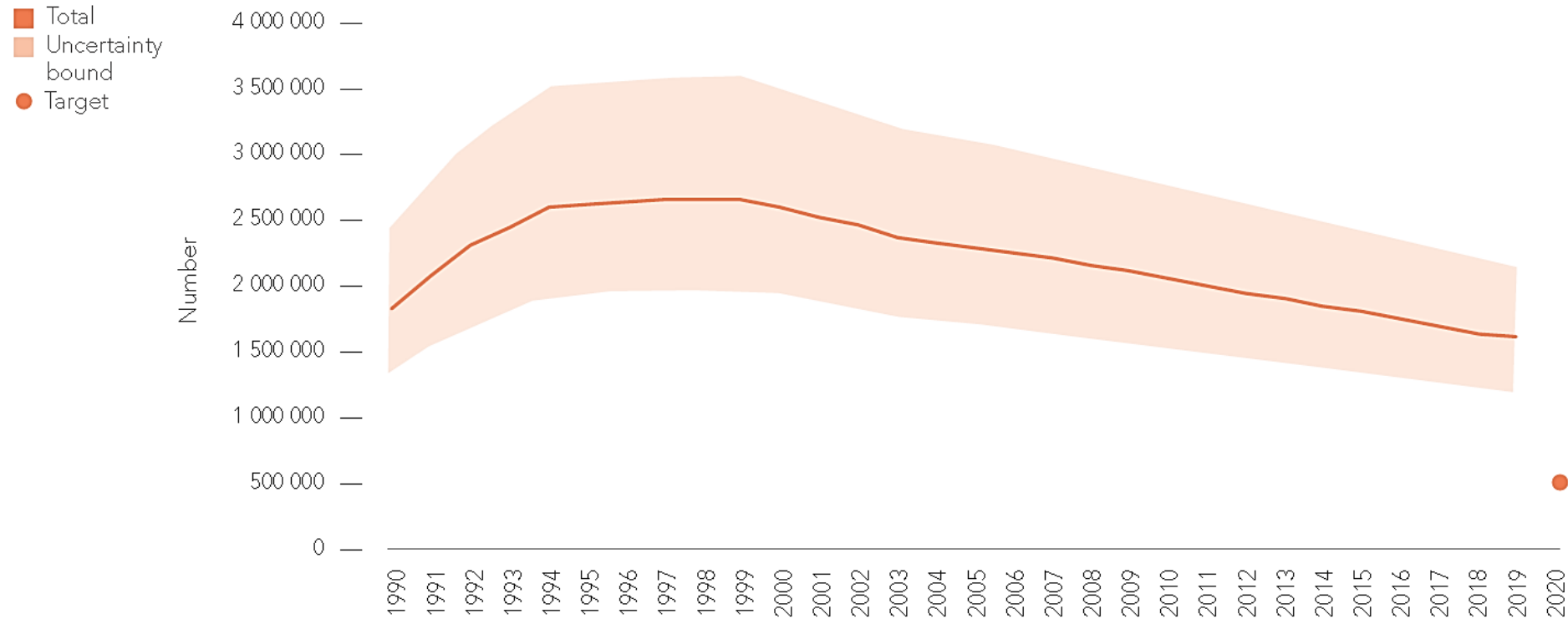
Antiretroviral therapy coverage among children and adults, sub-Saharan African, focus countries of the Start Free, Stay Free, AIDS Free initiative, 2019



1.7 million new HIV infections in 2019

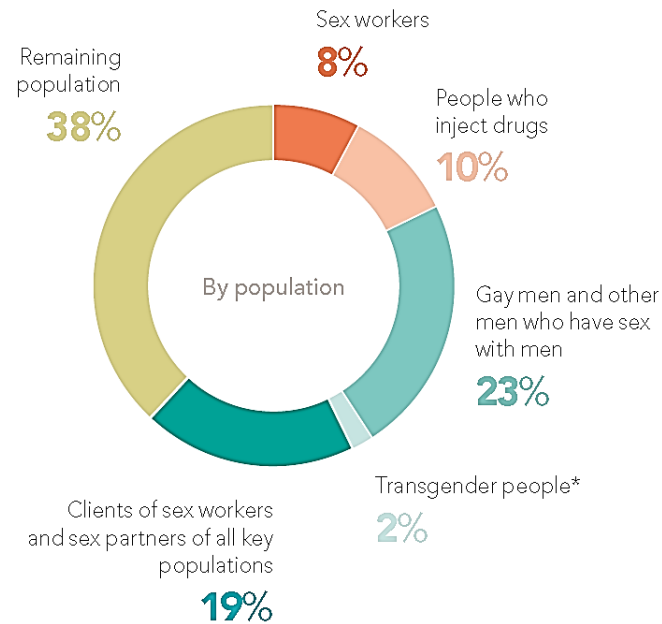
We will miss the 2020 targets

Number of new HIV infections, global, 1990–2019



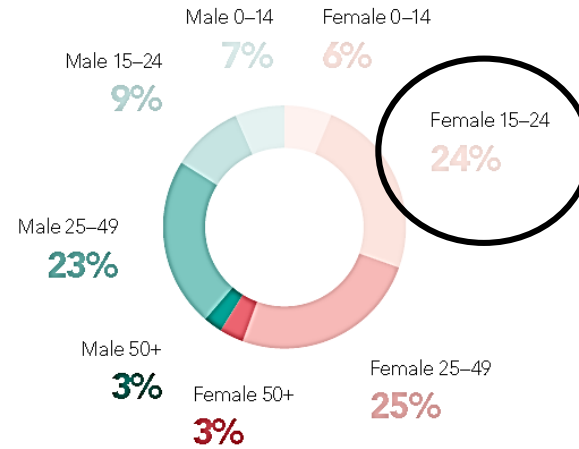
62% of new infections are among key populations and their partners

Distribution of new HIV infections by population, global, 2019

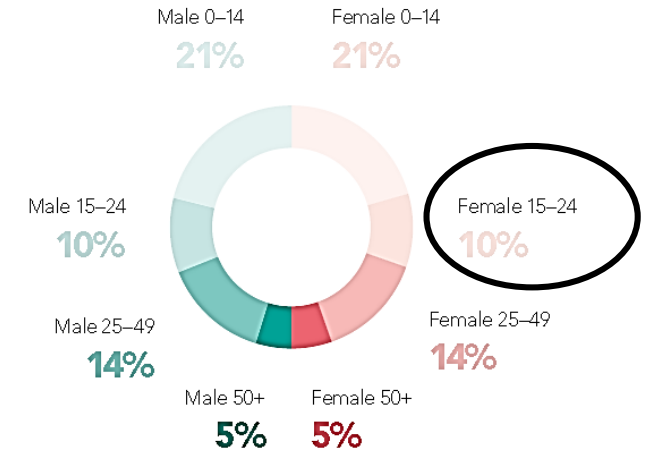


Sub-Saharan Africa

New HIV infections

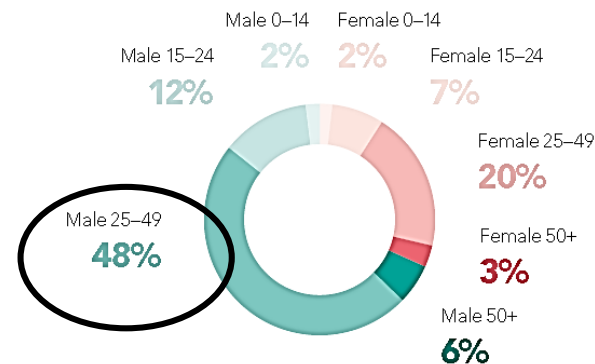


Population distribution

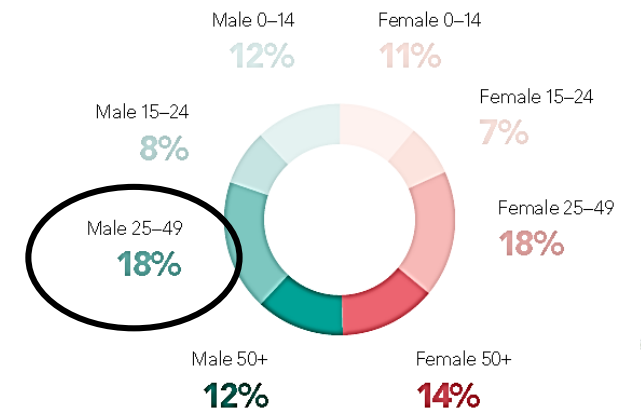


Outside sub-Saharan Africa

New HIV infections



Population distribution

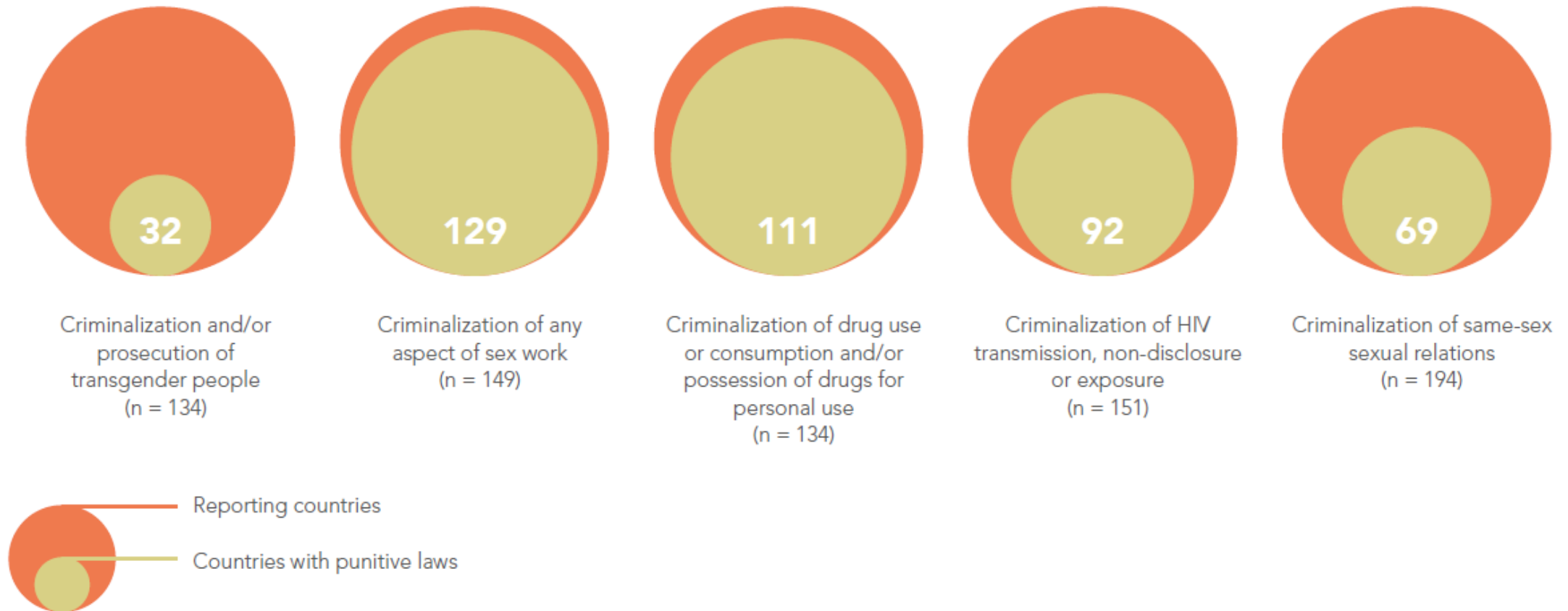


Source: UNAIDS special analysis of epidemiological estimates 2020



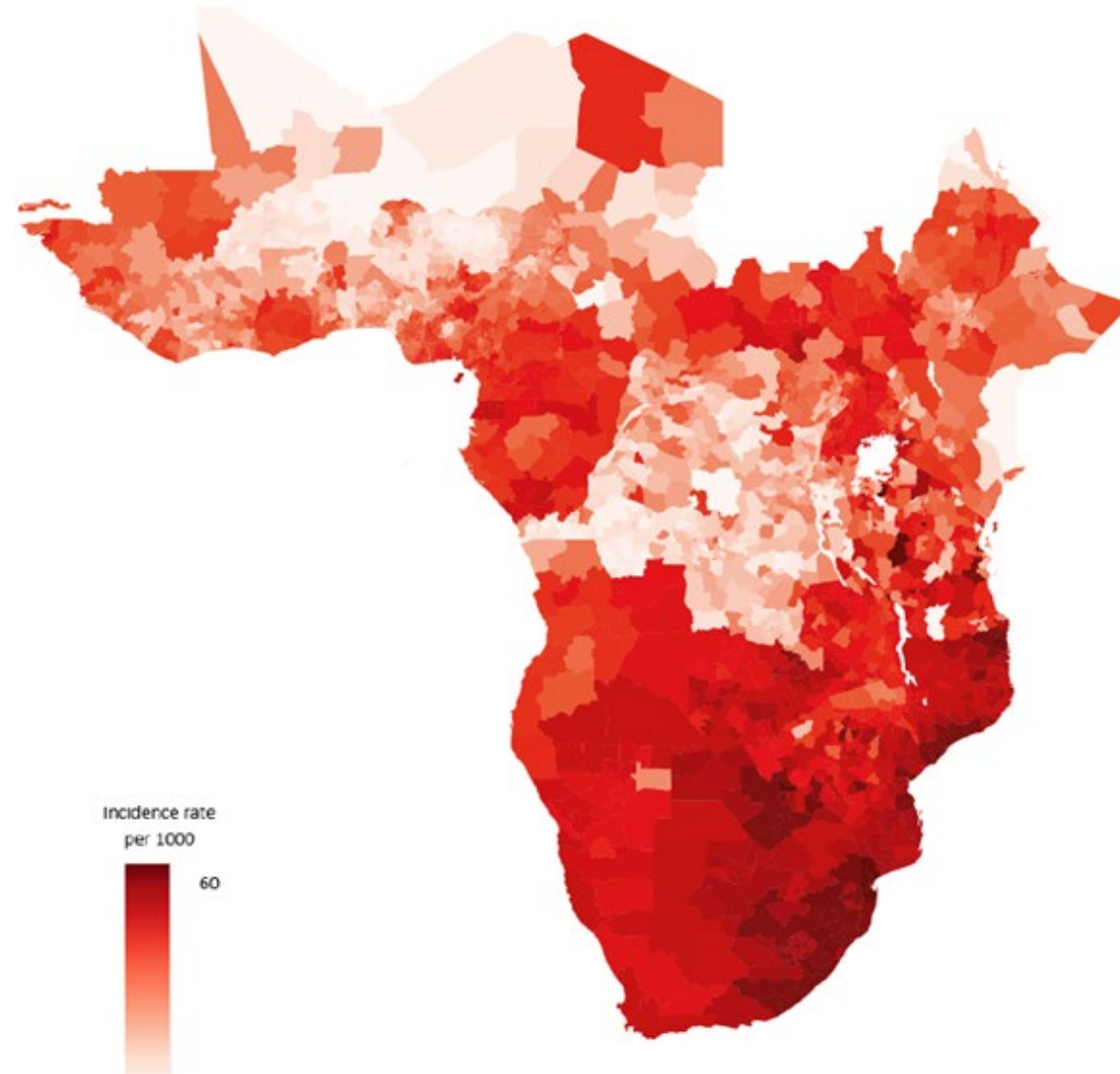
Imperative to reform laws and policies that further marginalize and accentuate stigma and discrimination

Countries with discriminatory and punitive laws, global, 2019



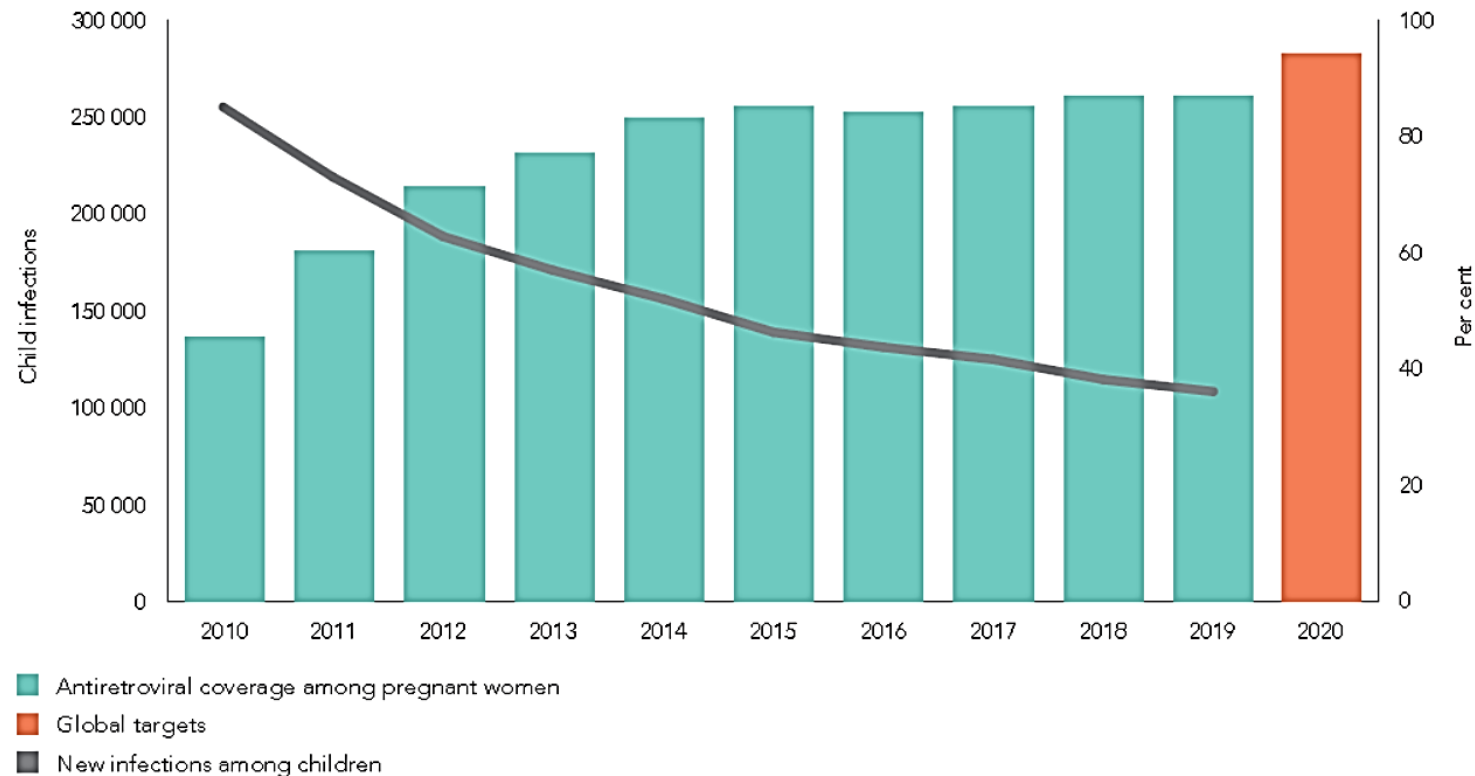
Adolescent girls and young women account for 1 in 4 infections in sub-Saharan Africa

HIV incidence among adolescent girls and young women (aged 15-24 years) at subnational levels, sub-Saharan Africa, 2019

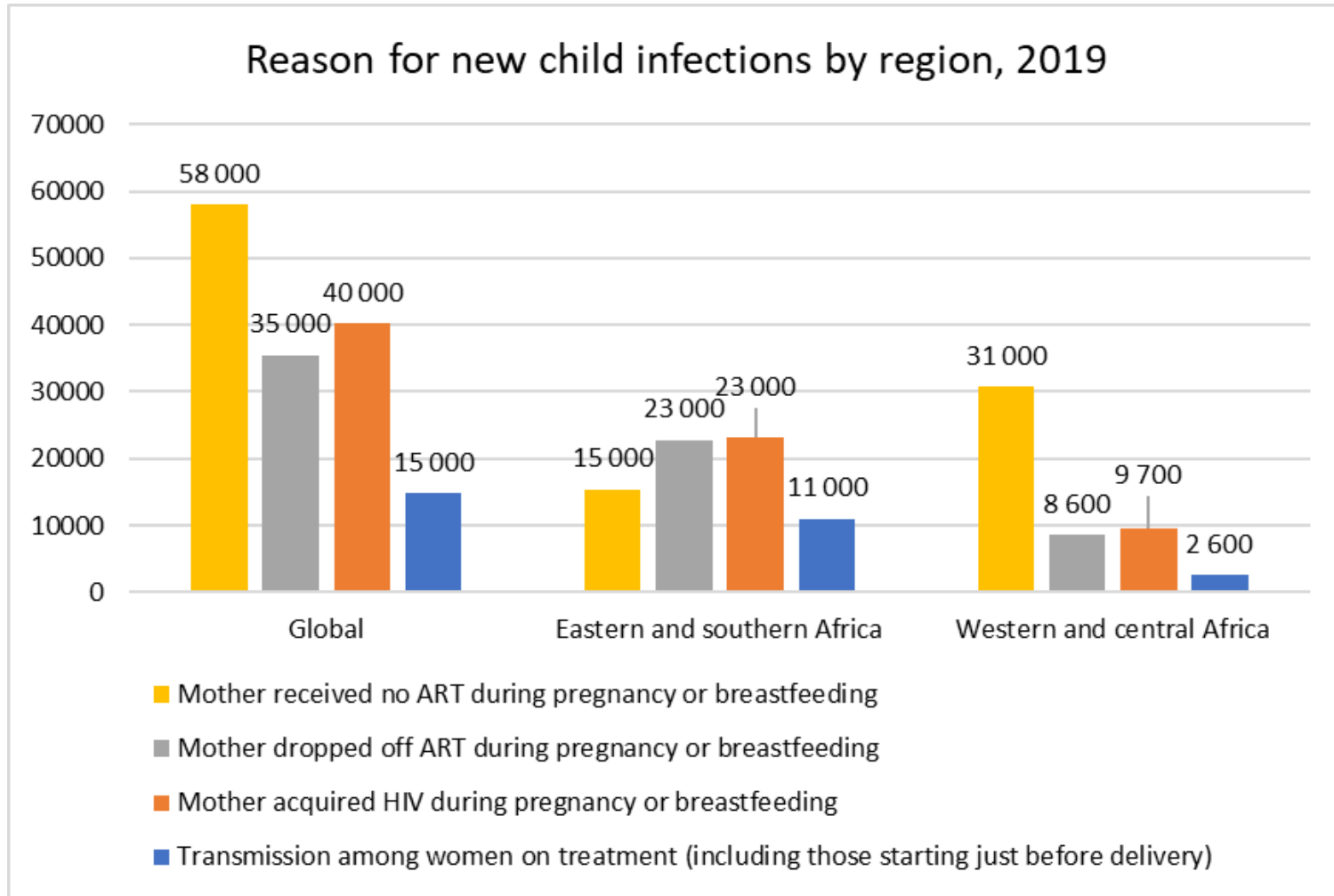


Despite high levels of PMTCT coverage, new child infections persist

Figure 2. Percentage coverage of pregnant women reached with antiretroviral therapy and number of children acquiring HIV, focus countries, 2010–2019

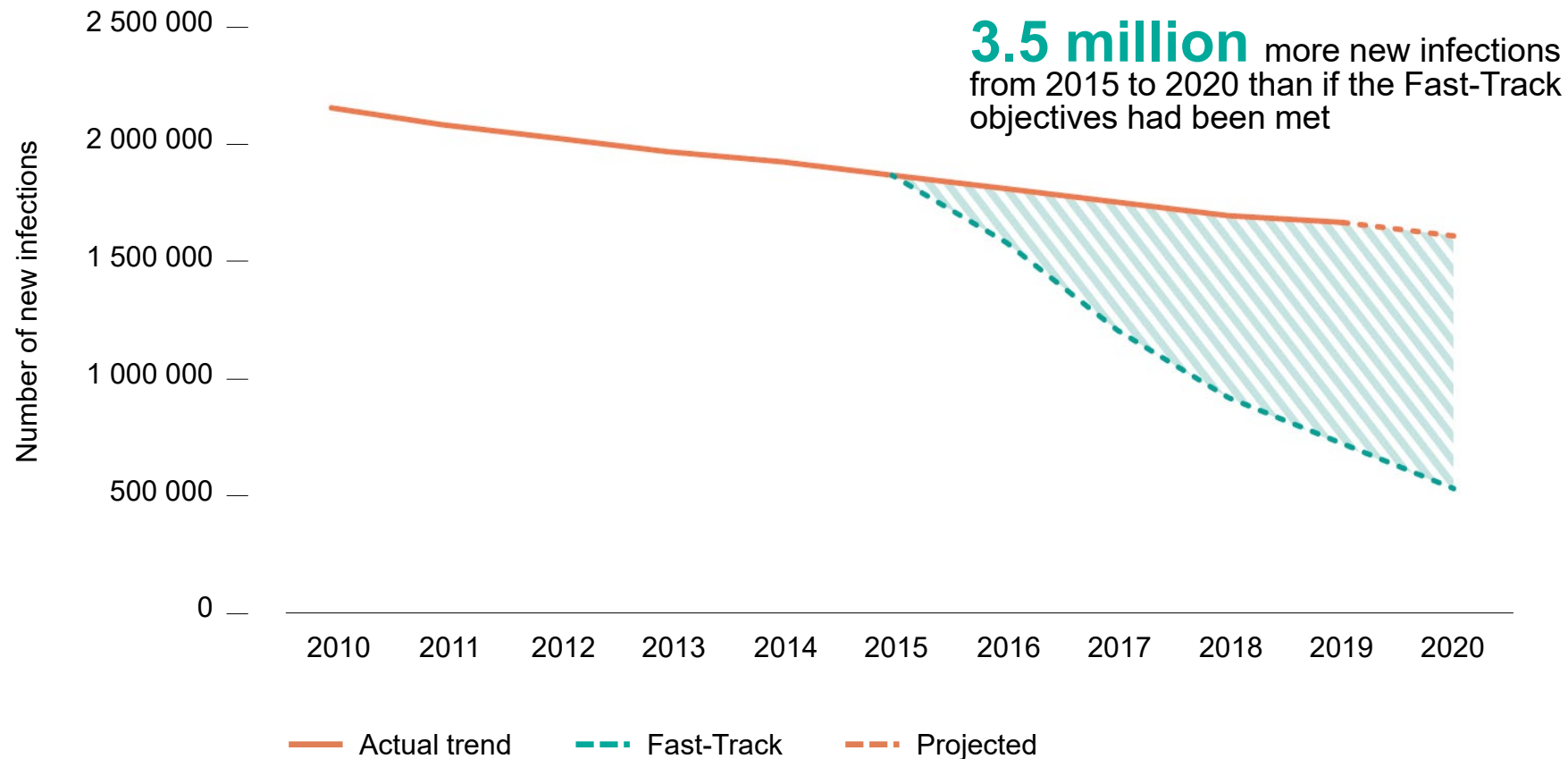


Are we focused on the right programmes to prevent vertical transmission?



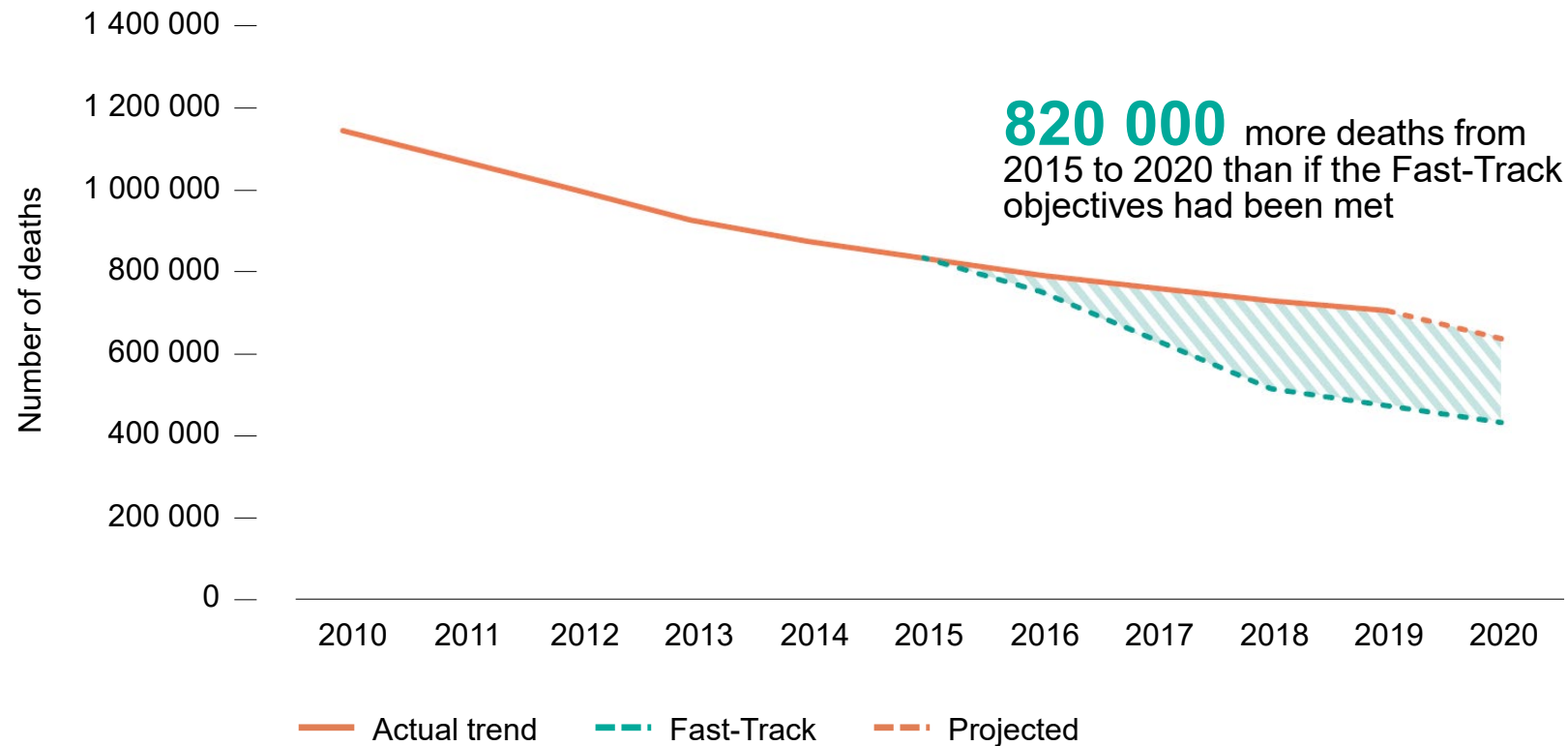
3,500,000 additional new HIV infections because of not reaching the Fast-Track targets

New HIV infections projected through 2020, and modelled prediction resulting from Fast-Track interventions, global, 2010–2020



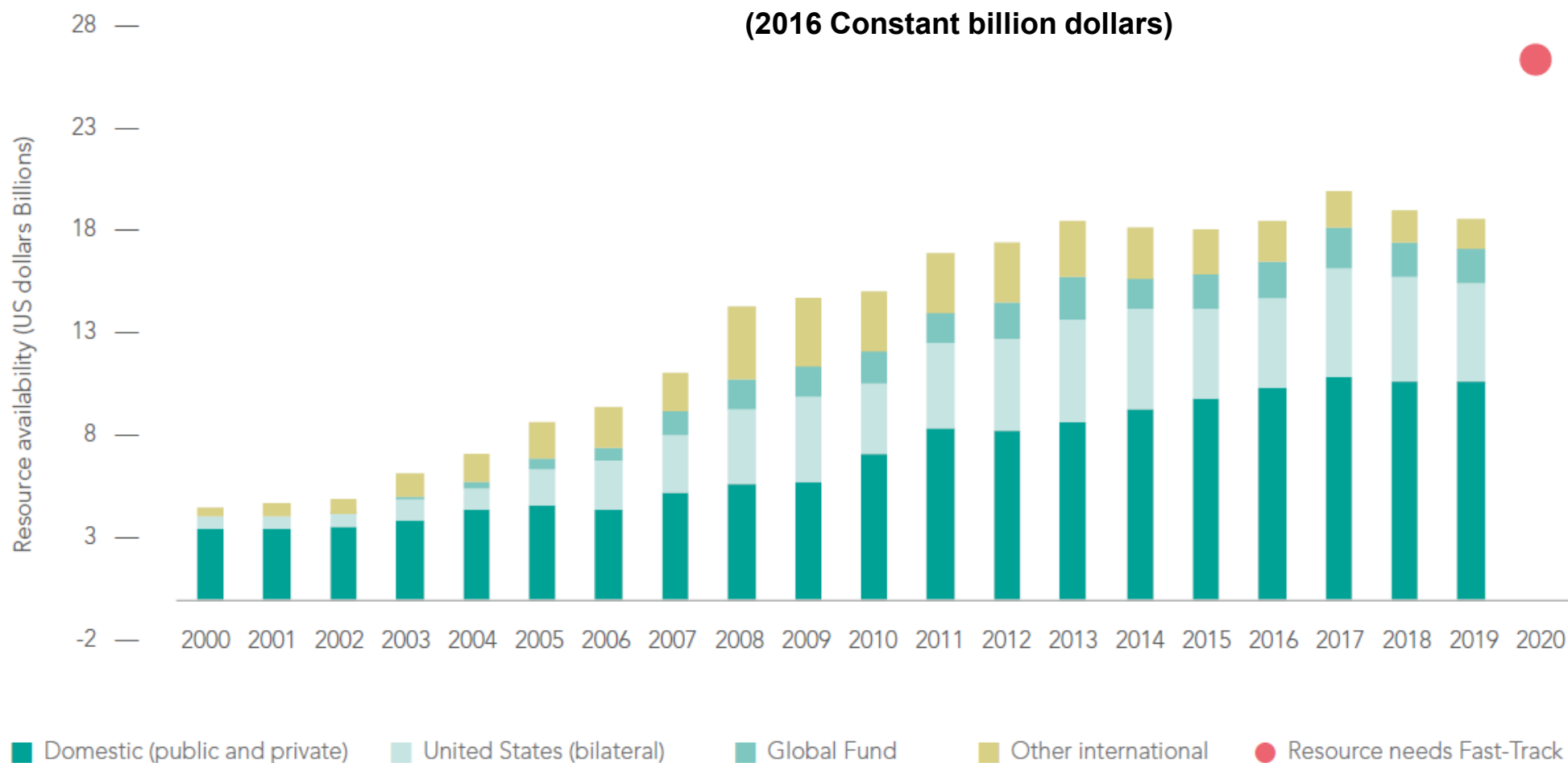
820,000 additional AIDS-related deaths because of not reaching the Fast-Track targets

AIDS-related deaths projected through 2020, and modelled prediction resulting from Fast-Track interventions, global, 2010–2020



HIV resources decreased in 2019: funding gap increased

Resource availability for HIV in Low-and-middle-income countries 2000-2019 and 2020 resource needs



Source: UNAIDS financial estimates, July 2020 (see <http://hivfinancial.unaids.org/hivfinancialdashboards.html>).
Note: Constant 2016 US dollars.

For more data, visit:

aidsinfo.unaids.org/

lawsandpolicies.unaids.org/

kpatlas.unaids.org/

hivfinancial.unaids.org/hivfinancialdashboards/