

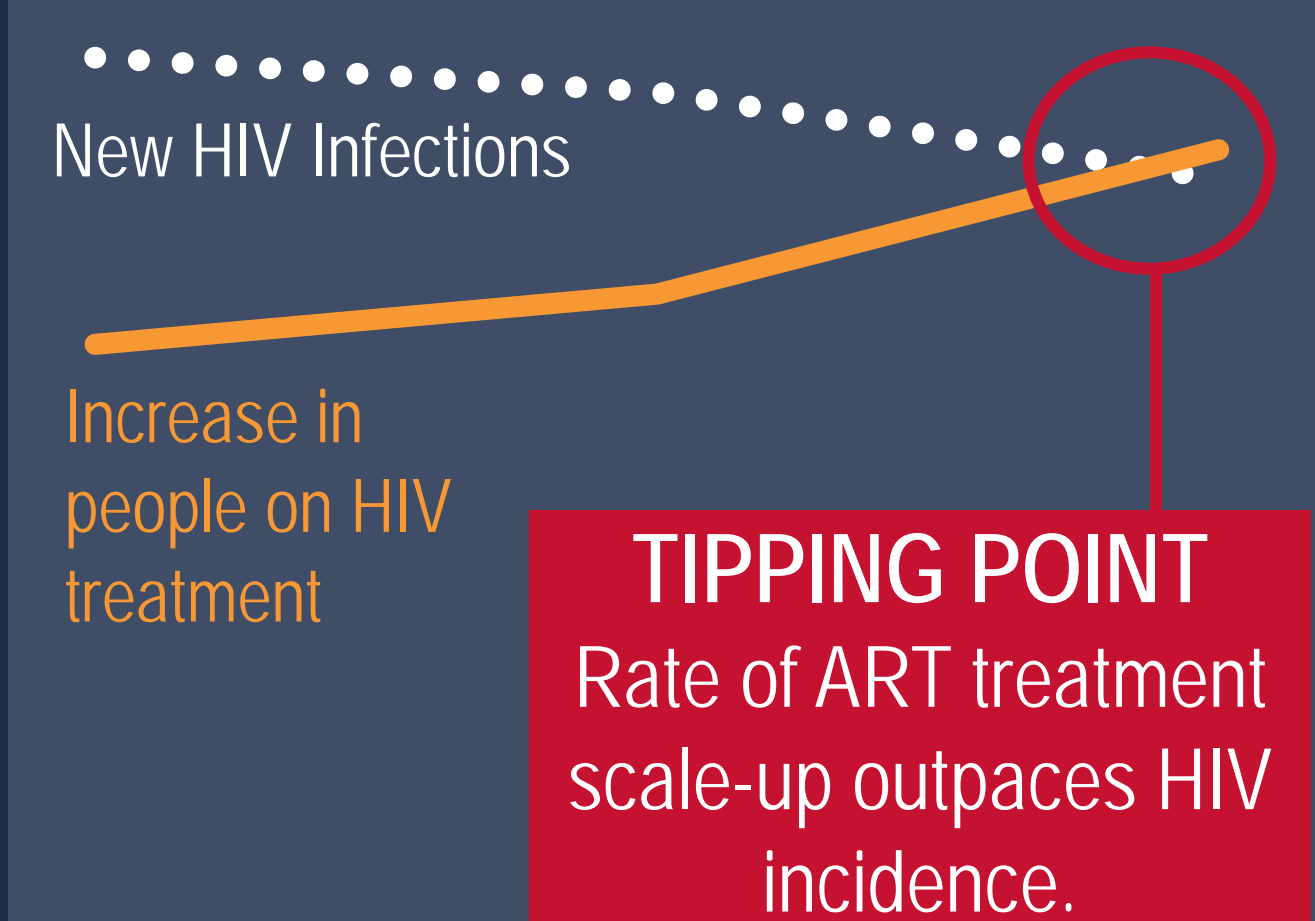
# THE TIPPING POINT: MOVING FROM RHETORIC TO REAL MILESTONES FOR ENDING AIDS

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The epidemiologic “tipping point” in the AIDS epidemic is the point at which the rate of ART treatment scale-up outpaces HIV incidence. AVAC and amFAR analyzed modeling research and consulted with top HIV prevention experts to lay out essential steps that must be taken by national governments, international organizations, civil society,

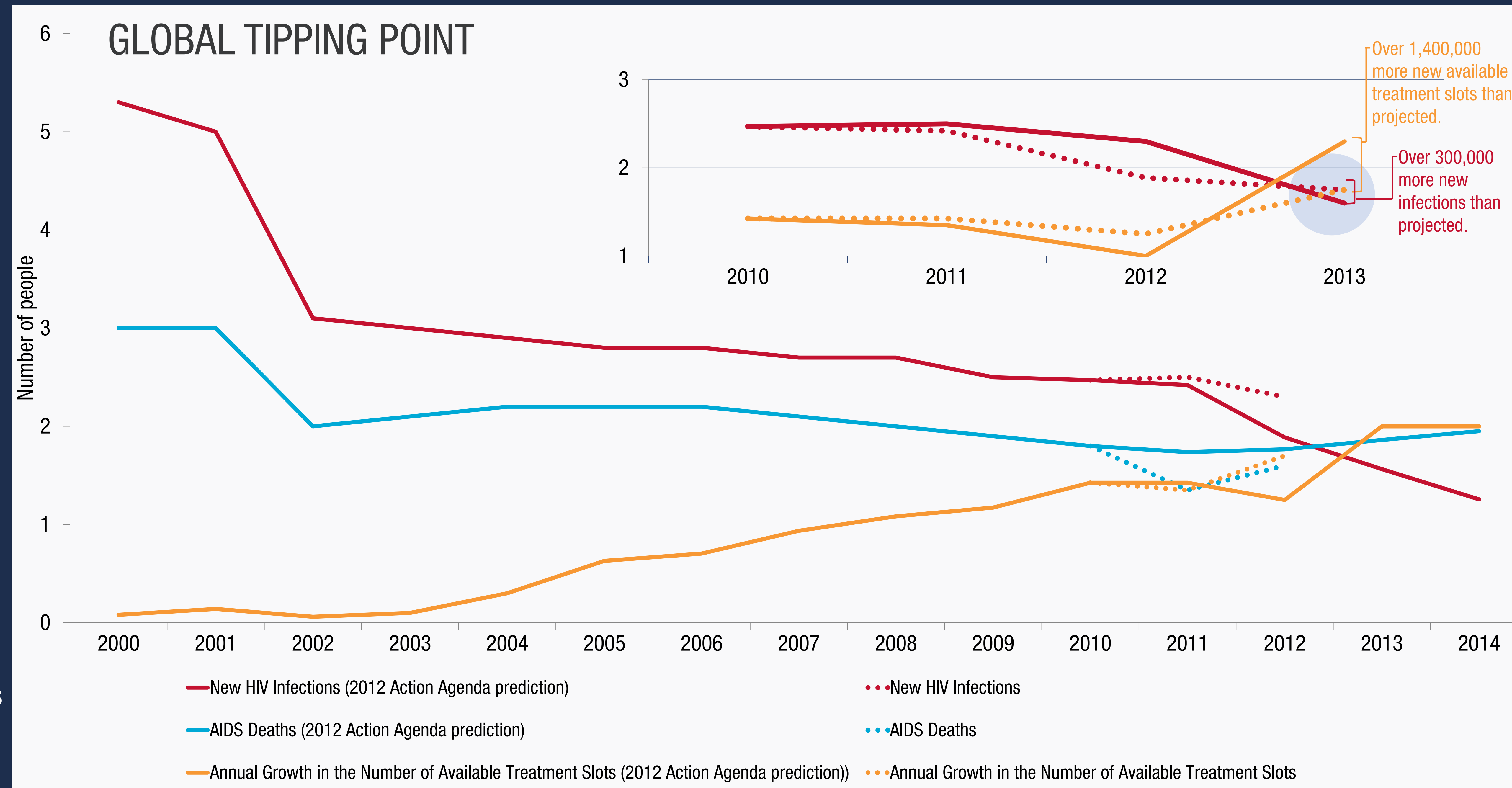
researchers and technical agencies to steadily reduce annual new HIV infections and continue to expand HIV treatment access in order to meet the tipping point. A first milestone is treating approximately two thirds of the people in need in a given country. Once that level is reached, countries and advocates can track progress to the tipping point.

A programmatic “tipping point” occurs when the number of annual new HIV infections falls below the annual increase in patients starting ART



## METHODOLOGY

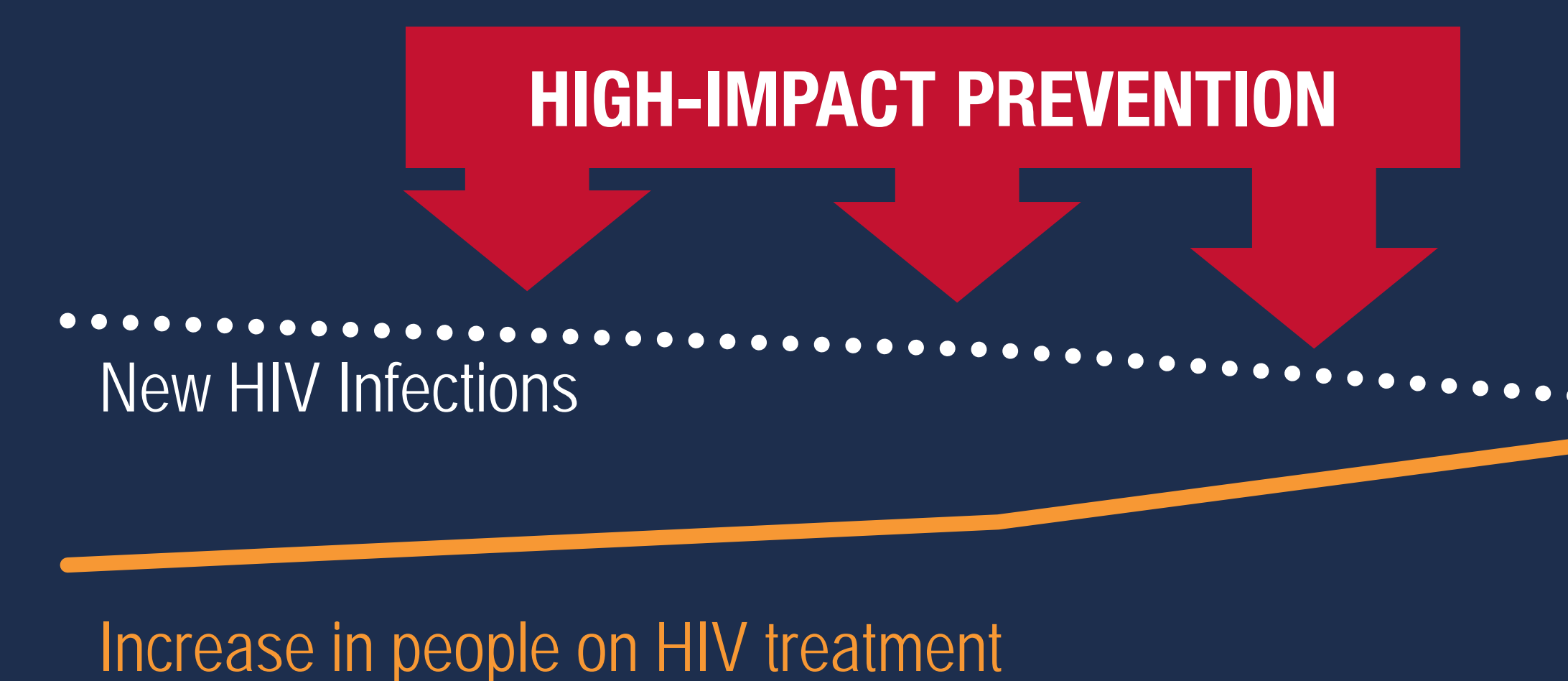
The analysis used modelling to build a prevention advocacy agenda around ending AIDS. The targets set reflect best-case scenario calculations based on published modeling and epidemiologic data, as well as analysis provided by experts in the field. Data projections were crosschecked with modelers and epidemiologists. Modelling data is tracked and updated to ensure the most recent metrics are used, and real-time data is included and analyzed as available.



Additionally, the pace at which treatment and prevention are scaled up is key. To reach the tipping point the rate at which people are started on treatment should accelerate immediately.

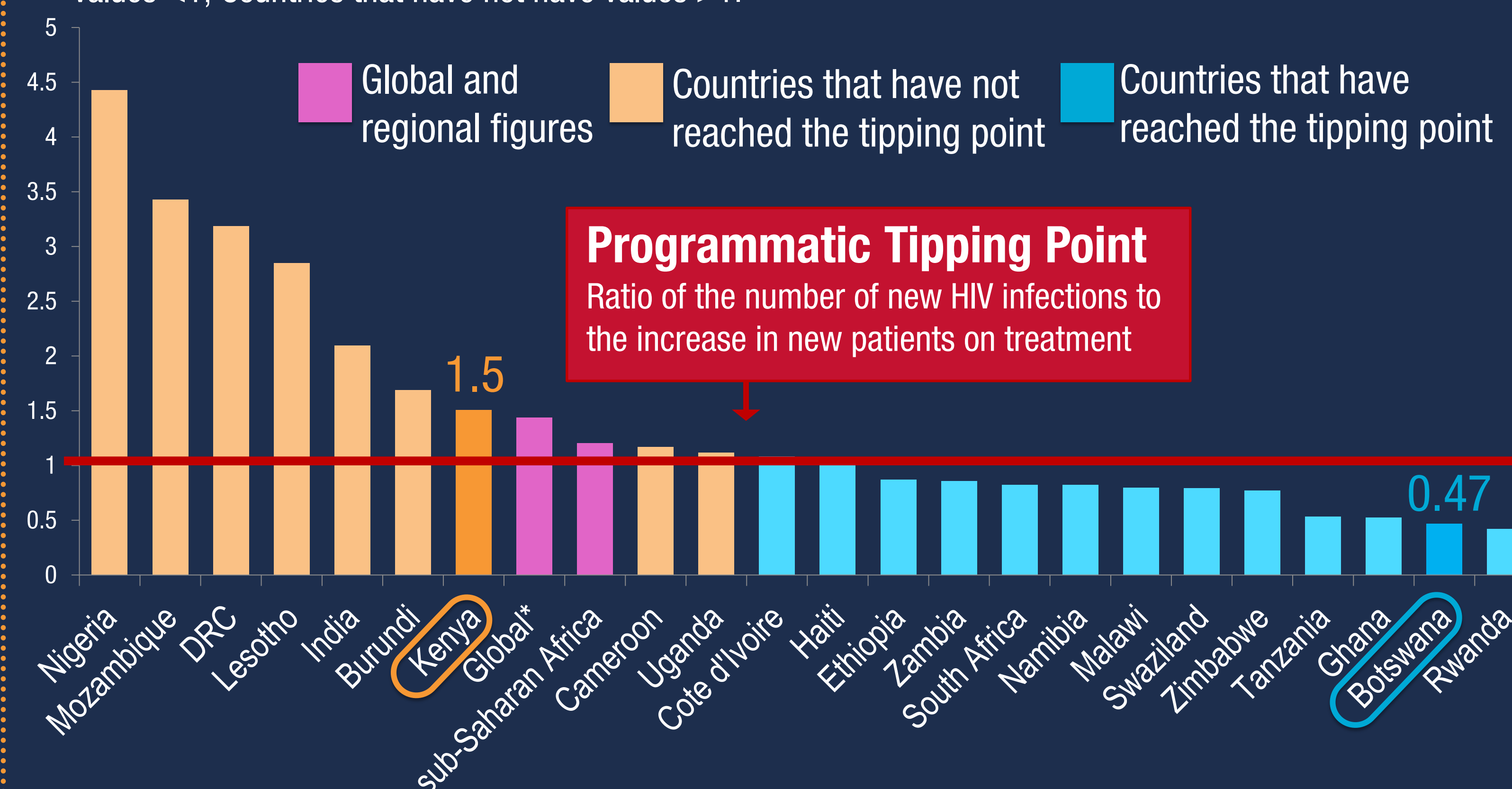
## HIV PREVENTION AND THE TIPPING POINT

A country can reach the tipping point and then cross back—returning to a situation where incidence outstrips rate of ART initiation. That’s why it is essential to achieve optimal coverage rates of high-impact prevention including voluntary medical male circumcision, male and female condoms and harm reduction. Newer strategies such as PrEP and, eventually, a microbicide or vaccine should also be used for maximum impact. Milestones are needed for prevention interventions, too. These include coverage goals for VMMC, condom availability and more.



## COUNTRIES THAT HAVE REACHED THE TIPPING POINT

When rate of scale-up = incidence, “tipping point ratio” = 1. Countries that have reached tipping point have values <1; Countries that have not have values >1.



## TIPPING POINT COUNTRY EXAMPLES

<p>Estimated ART Coverage in 2012</p>	<p><b>BOTSWANA</b></p> <p>New Infections in Botswana in 2012 = 12,000</p> <p>Increase in Patients on Treatment in Botswana in 2012 = 25,614</p> <p><b>Tipping Point Ratio = 0.47</b></p>
<p>Estimated ART Coverage in 2012</p>	<p><b>KENYA</b></p> <p>New Infections in Kenya in 2012 = 98,000</p> <p>Increase in Patients on Treatment in Kenya in 2012 = 65,044</p> <p><b>Tipping Point Ratio = 1.5</b></p>