

Progress on Voluntary Medical Male Circumcision for HIV prevention and How VMMC fits into UNAIDS '90-90-90' target

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Key Populations and Innovative Prevention*

Outline

- **A brief history**
- **Progress and impact**
- **Voluntary medical male circumcision in Fast-track targets**

Key milestones in VMMC for HIV prevention

HIV prevention research:

- Observational data
- Durban IAS2000 - global consensus to conduct RCTs



Implementation in priority countries of eastern & southern Africa

1989

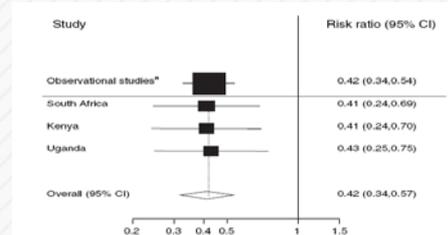
2000

2005 - 2007

2007

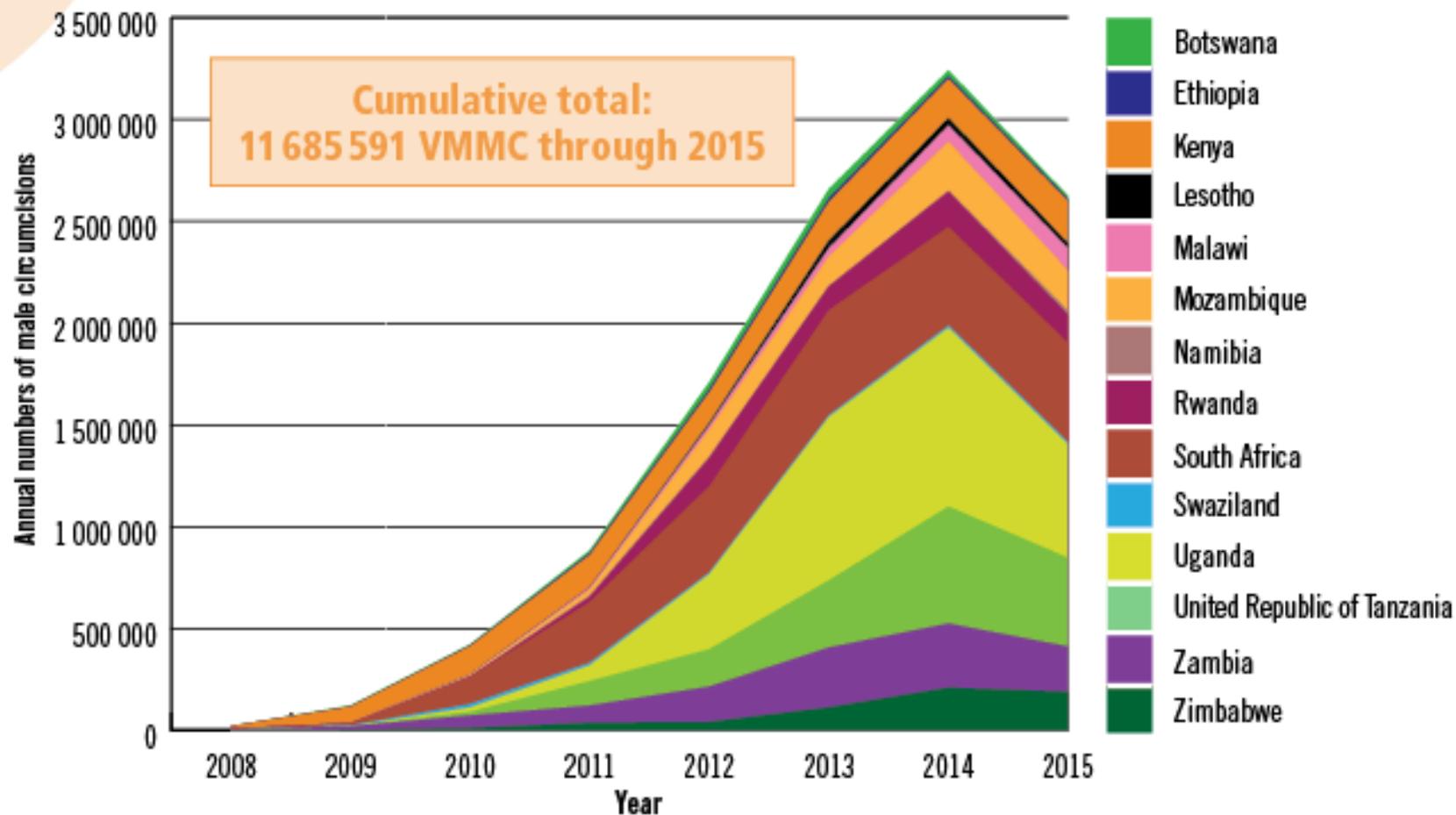
2007 - today

Kenya, Uganda, South Africa trials



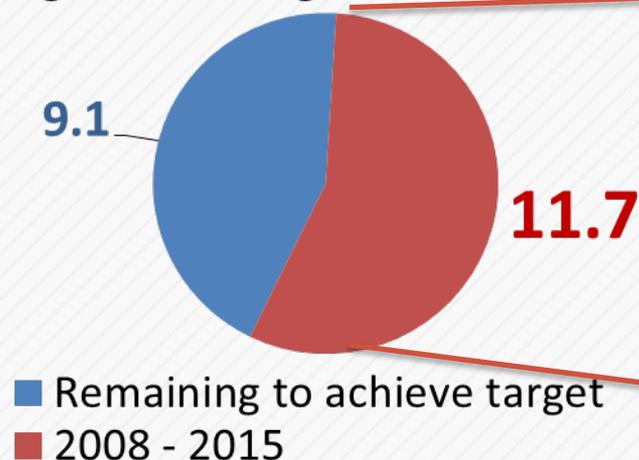
UNAIDS and WHO Global Recommendations

Figure. Annual number of voluntary medical male circumcisions performed for HIV prevention in 14 countries in East and Southern Africa, 2008–2015



Impact of 11.7 million VMMCs through 2015

VMMCs performed regionally and remaining to 2016 target



**335 000 HIV
infections
averted by
2025**

Rakai, Uganda (Kong et al, 2016):
'in communities with >40% MMC coverage, male HIV incidence was 0.66 / 100 person year lower than in communities with MMC coverage ≤10%'

73% persons living with HIV virally suppressed

75% reduction in new infections compared to 2010

by 2020 **90-90-90**

Treatment

500 000

New infections among adults

ZERO

Discrimination

by 2030 **95-95-95**

Treatment

200 000

New infections among adults

ZERO

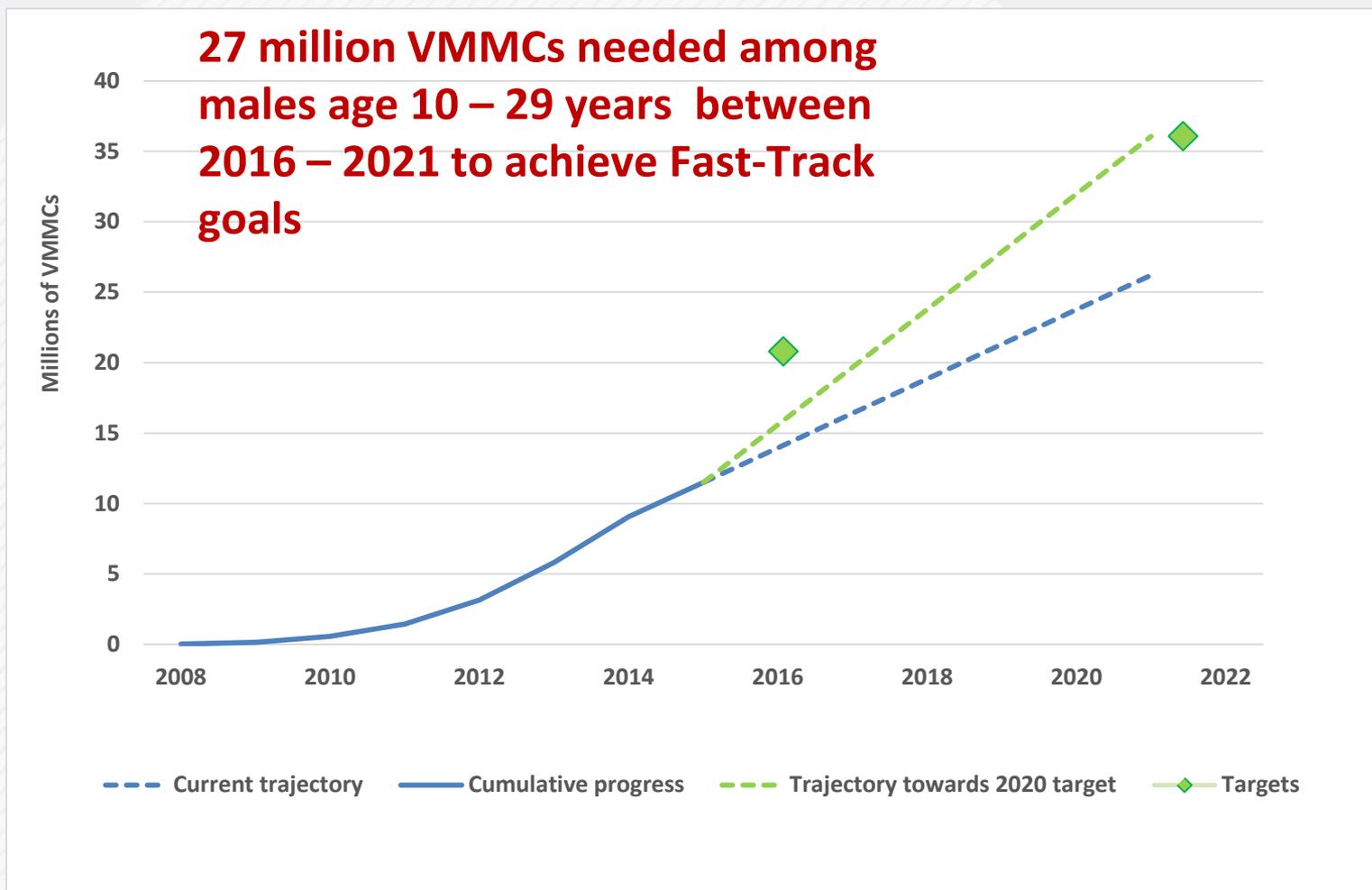
Discrimination

Need continued VMMC scale-up to reach prevention targets, even if successfully reach 90-90-90

-Estimated that 60% of incidence reduction is due to scaling up ART

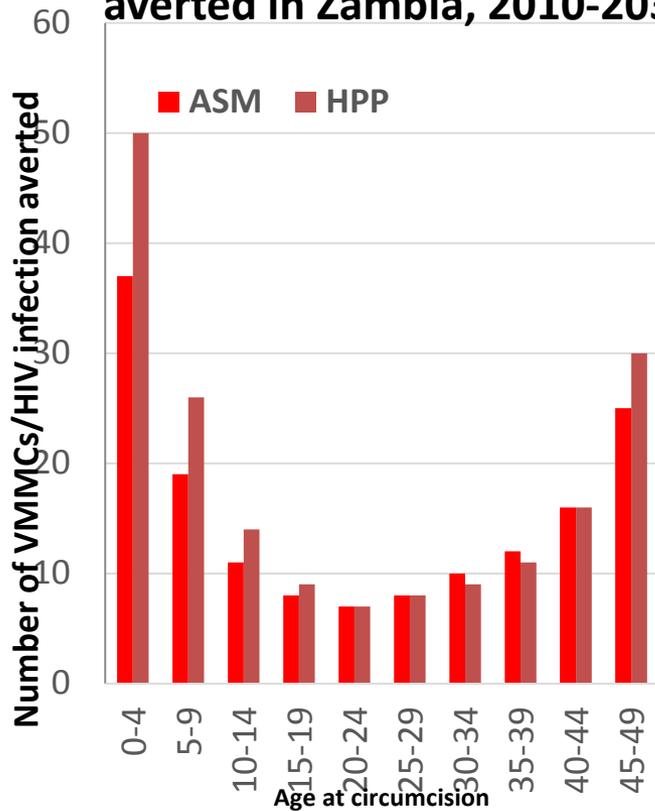
-VMMC resilience: if targets are missed, high MC prevalence will continue to mitigate risk in longer term

Actual and projected progress towards the VMMC 2016 and Fast-Track 2021 targets

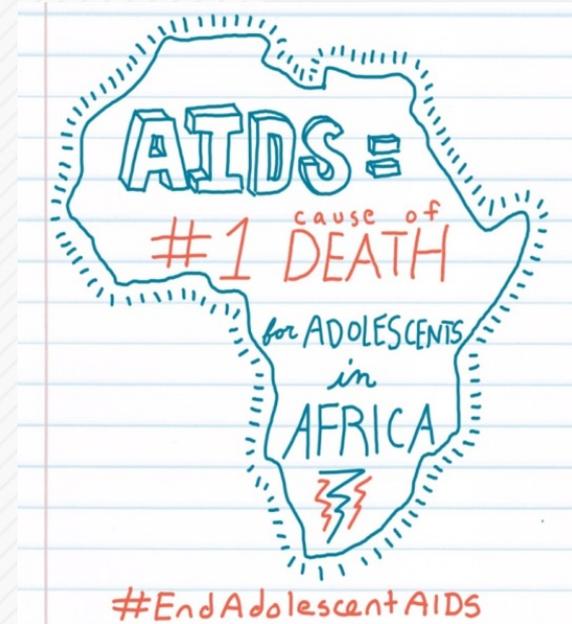


Reach younger and higher risk men for impact

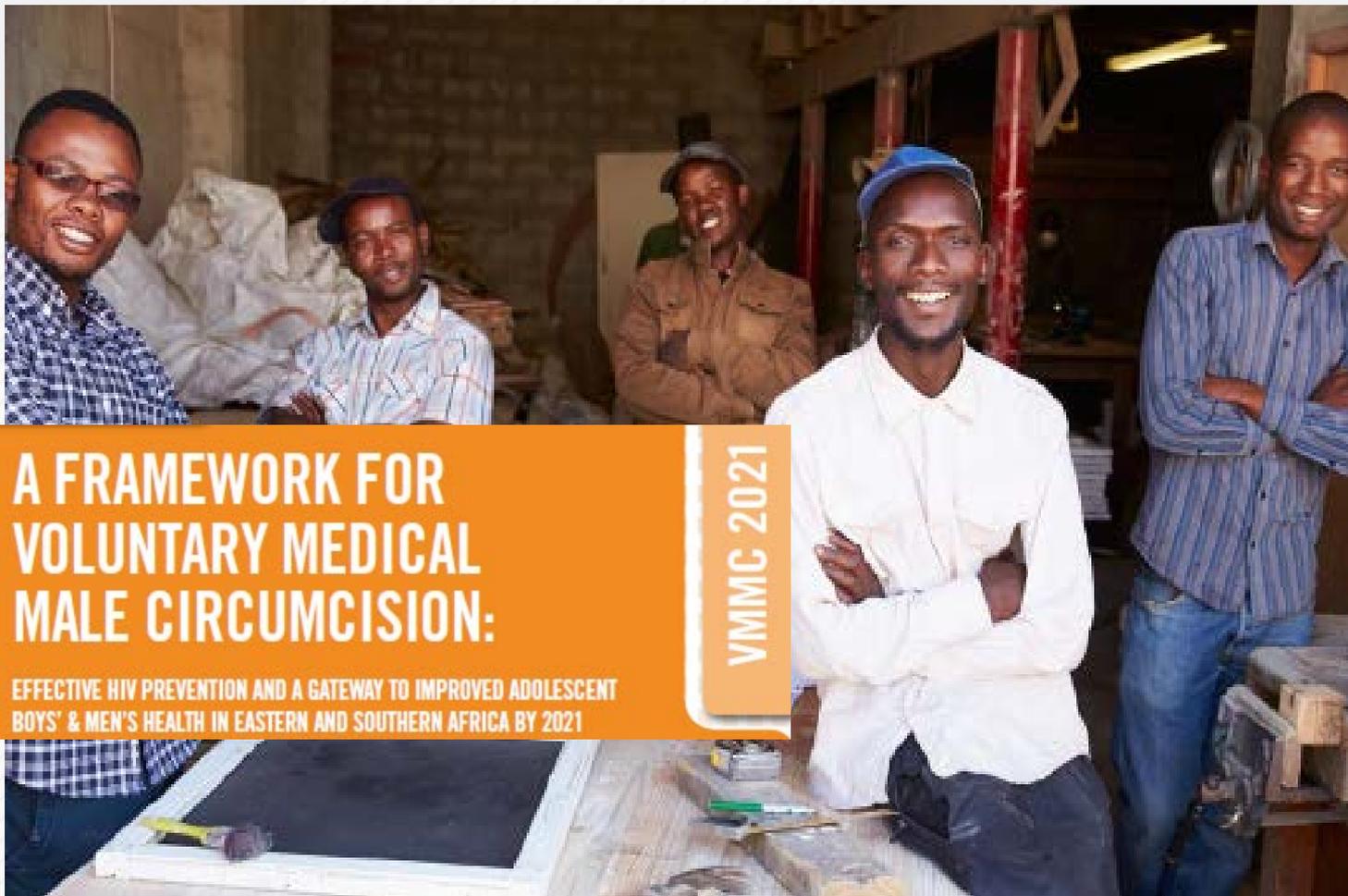
VMMC per HIV infection averted in Zambia, 2010-2035



Services that are age- and risk-relevant



Source: UNICEF AllIn To end Adolescent AIDS



A FRAMEWORK FOR VOLUNTARY MEDICAL MALE CIRCUMCISION:

EFFECTIVE HIV PREVENTION AND A GATEWAY TO IMPROVED ADOLESCENT
BOYS' & MEN'S HEALTH IN EASTERN AND SOUTHERN AFRICA BY 2021

VMMC 2021