



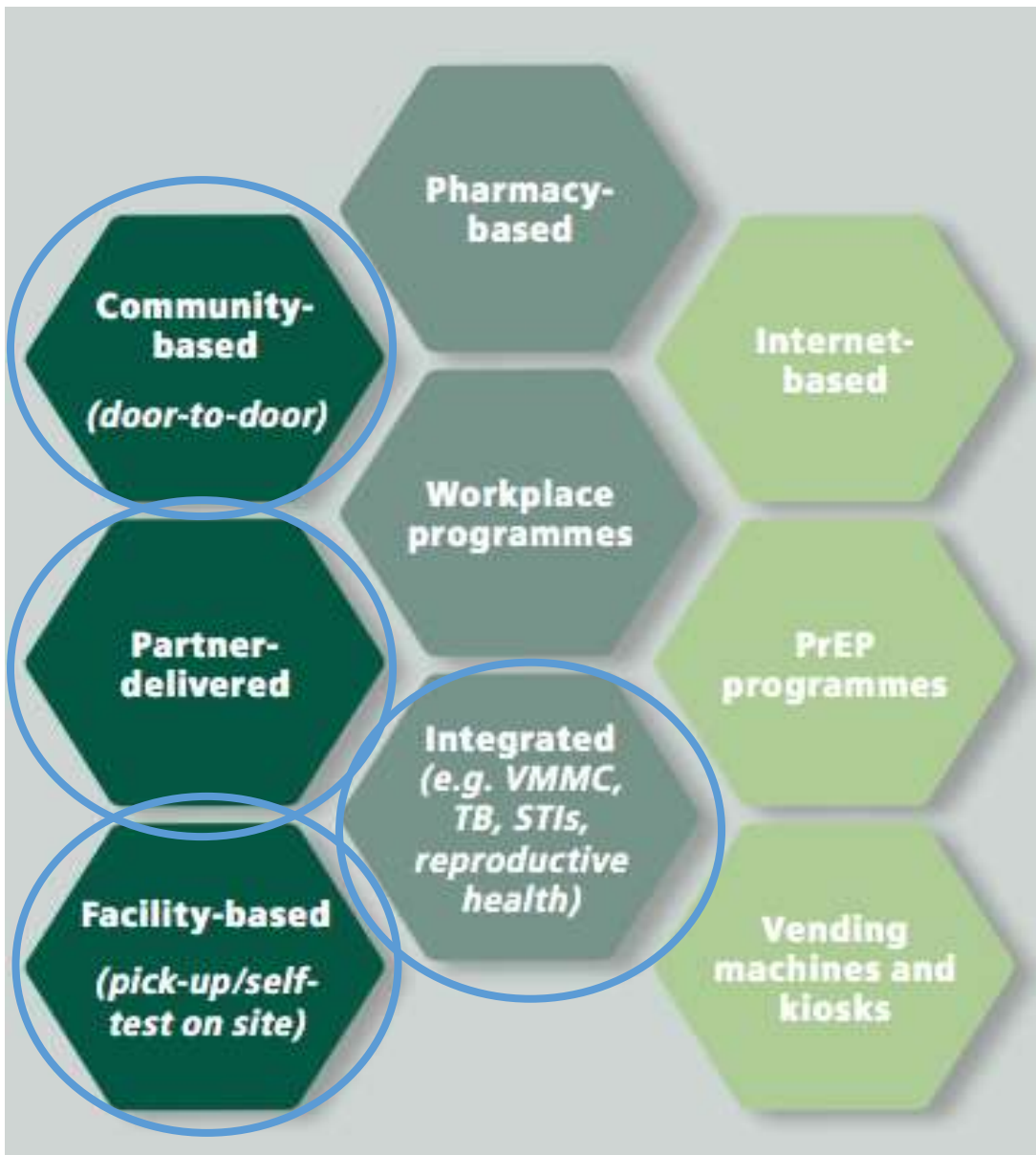
UNITAID ♦ PSI HIV SELF-TESTING AFRICA



Impact of HIVST on uptake of HIV testing, Experiences from the STAR Project in Malawi, Zambia and Zimbabwe

9th IAS Conference, Paris 2017
Miriam Mutseta, Population Services International



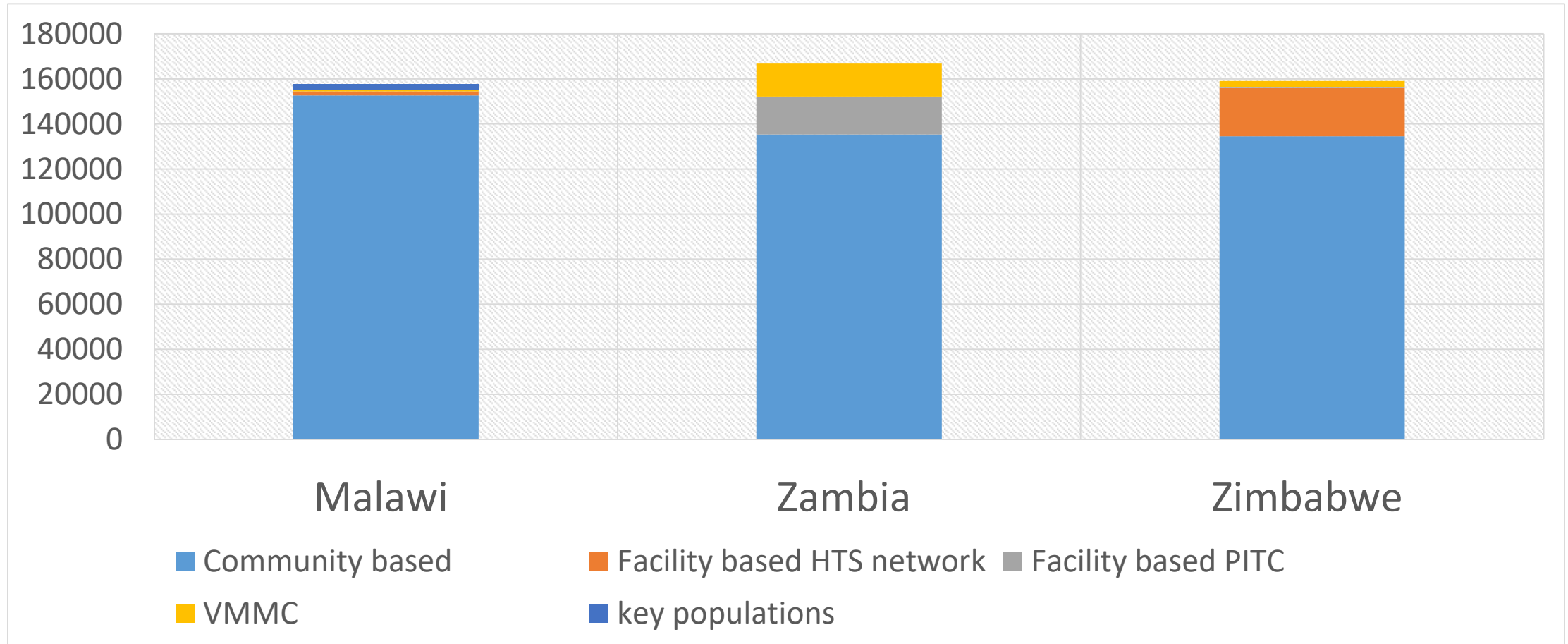


Potential HIV Self-Testing Delivery Channels

- **Three broad categories**
 - Facility-Based
 - Community-Based
 - Open Access (Pharmacy)
- **Selection rationale**
 - Target population
 - Supervision required
 - Subsidy required



STAR HIV Self-Test Kit distribution by channel and country May 2016- June 2017, 500, 000 kits



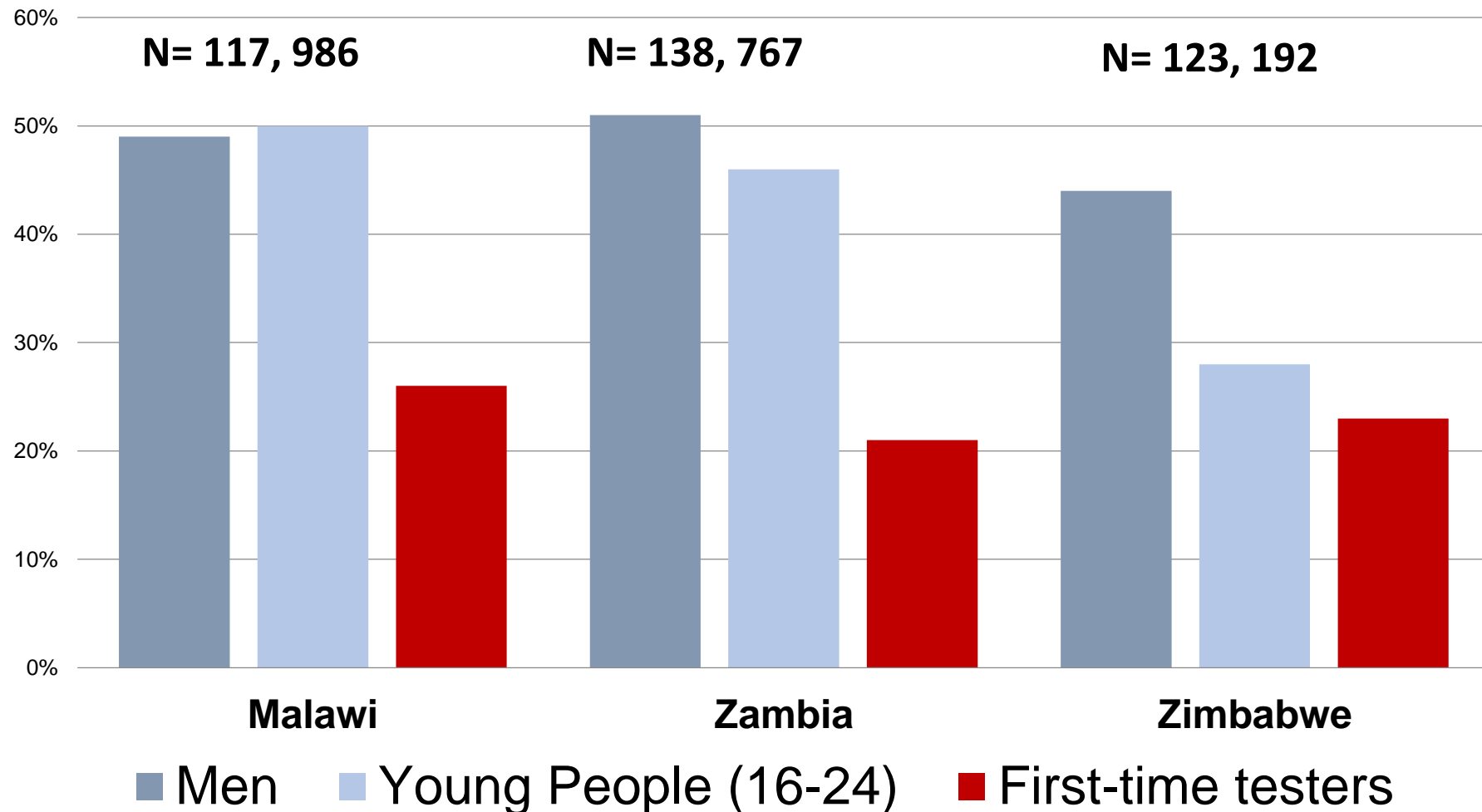
Community based HIVST Distribution

- Community health care workers
- Community settings, urban hot spots, workplaces
- Target groups: high risk adult men and adolescents 16-24 years, vulnerable undiagnosed, at risk populations
- Demonstration and individual test kit distribution, post-test referral information
- Electronic data collection of demographics and past-testing history
- Self-test users returned used test kits in sealed envelopes in collection boxes or to community health care worker

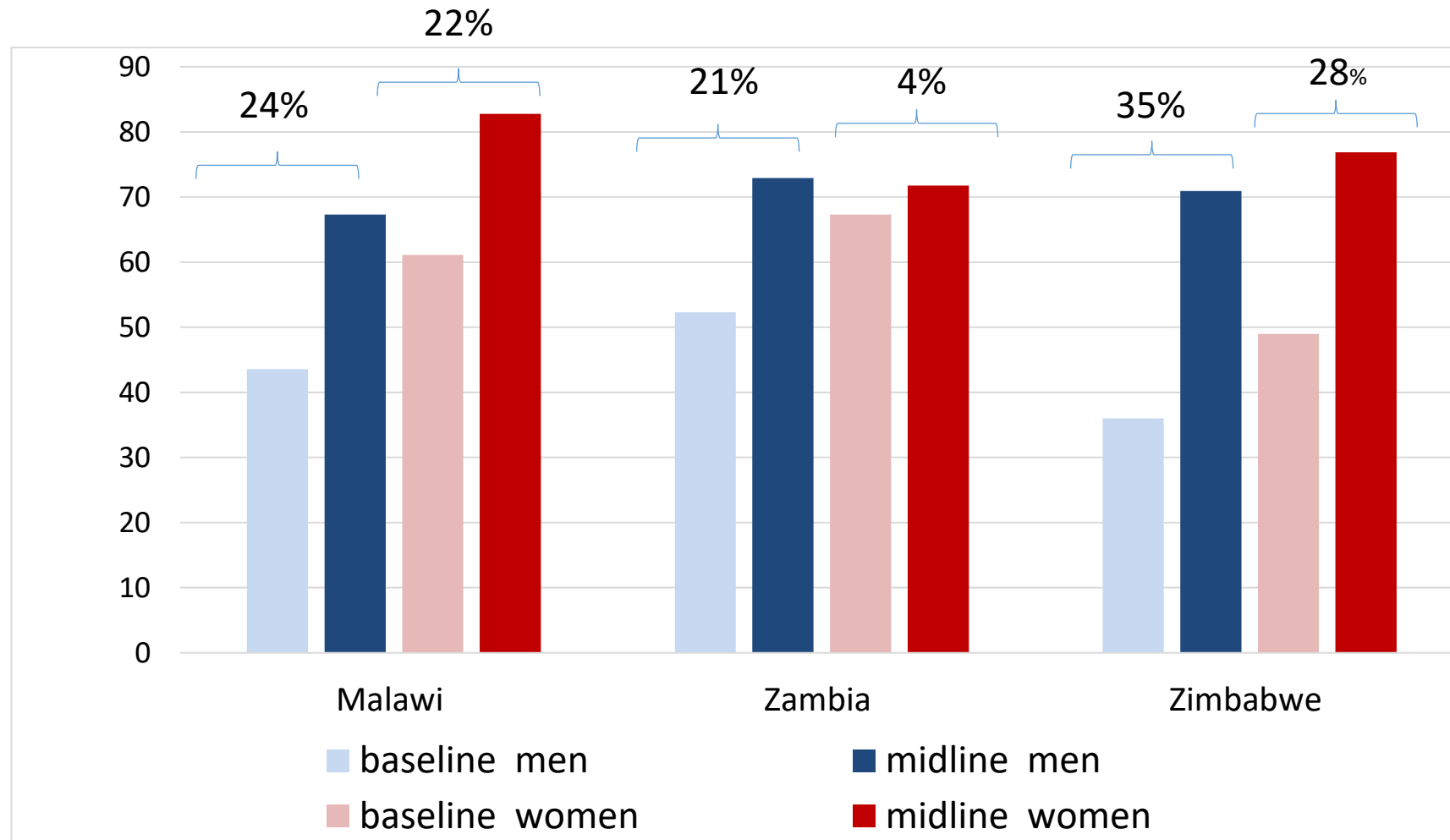


RESULTS

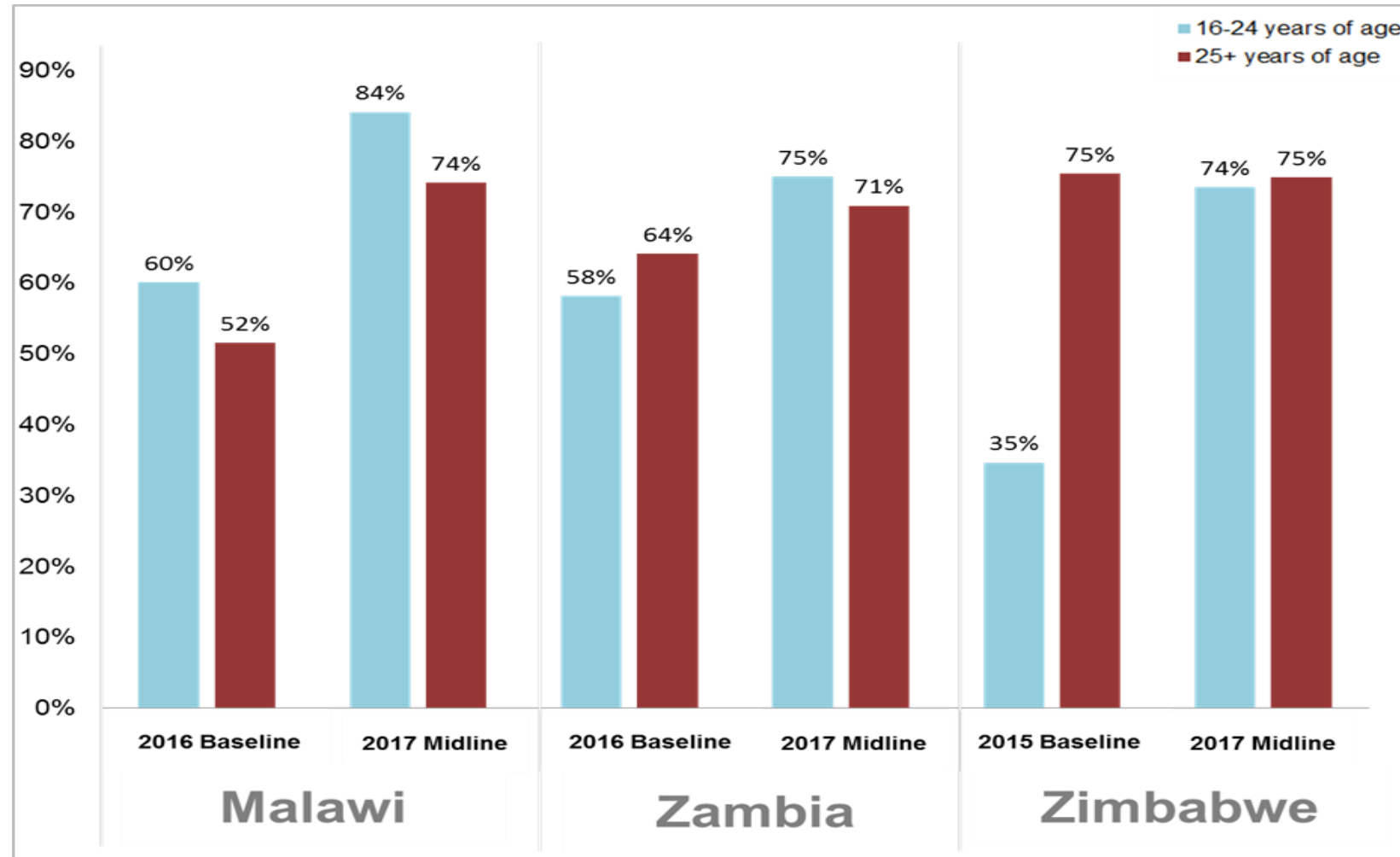
Proportion of men, young people (16-24 years of age) and first-time testers, self-testing for HIV in Malawi, Zambia and Zimbabwe, community based HIVST



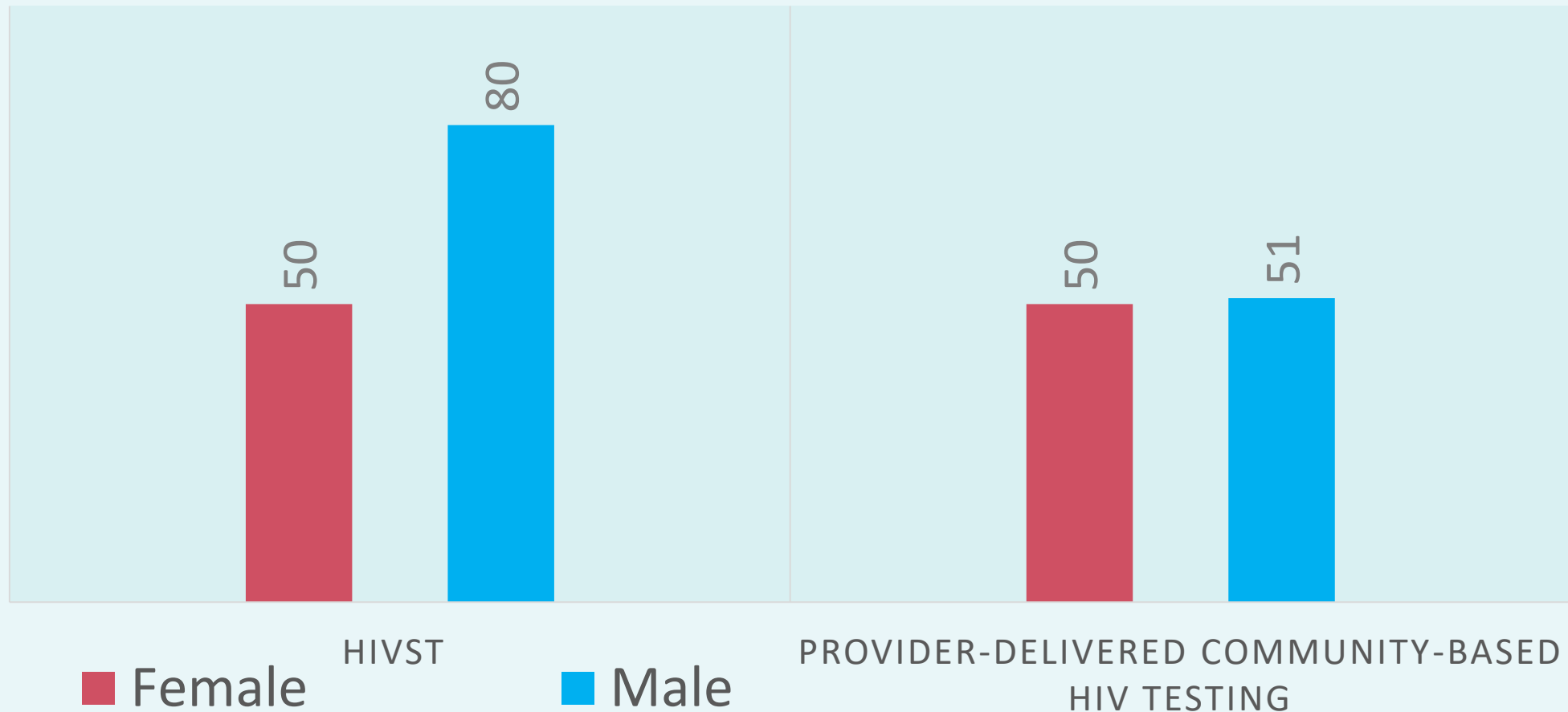
Proportion of men and women >16 years reporting testing for HIV in the past 12-months before and after community-based distribution of HIV self-tests (2016-2017)



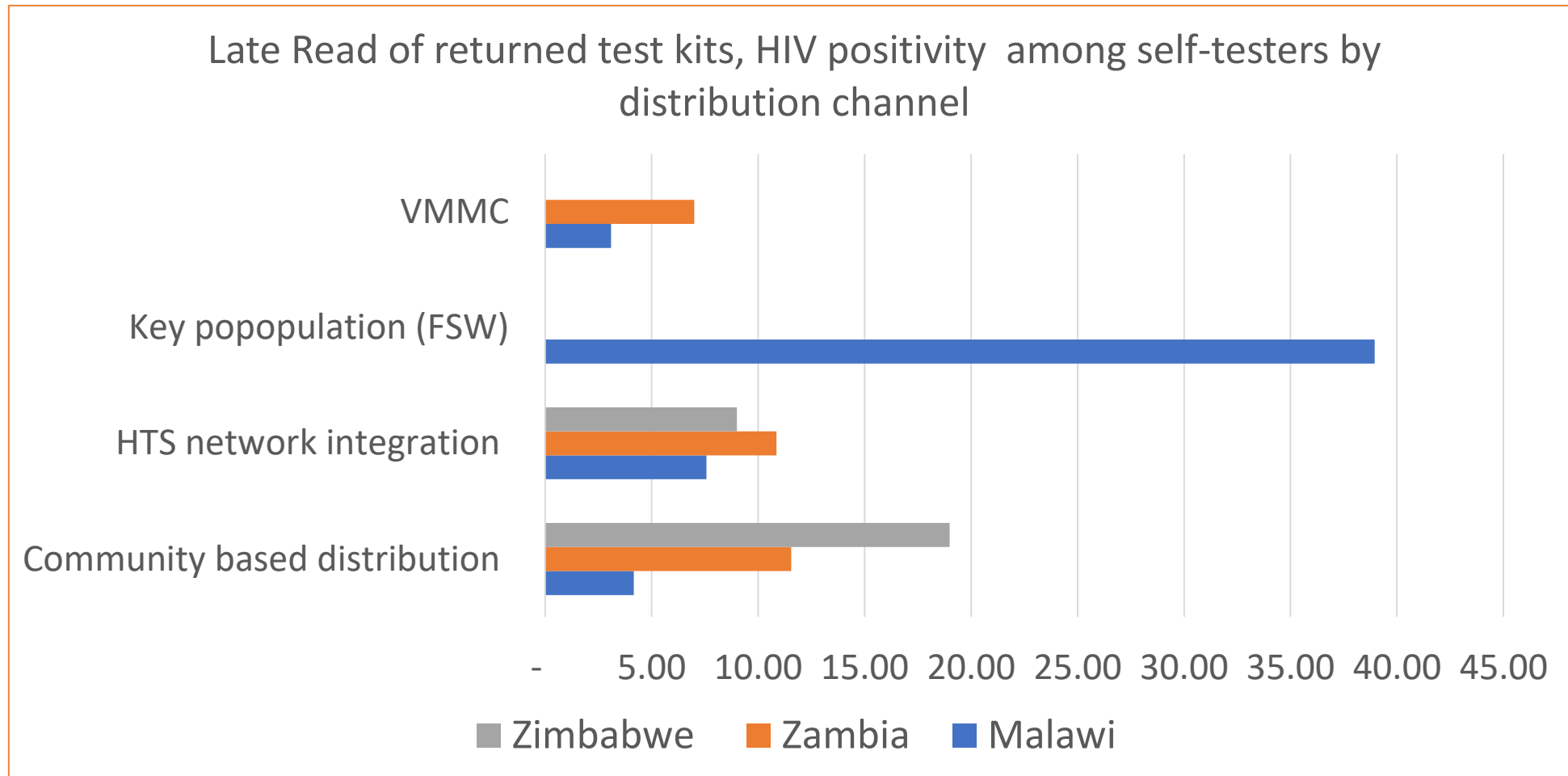
Proportion of **young people** reporting testing for HIV in the past 12 months before and after community-based distribution of HIV self-testing, by age and country



Proportion of HIV self-testers who linked to treatment following a reactive self-test, Zimbabwe 2016-2017



Late read of returned test kits, positivity rate among self-testers



Health facility based HIVST Distribution

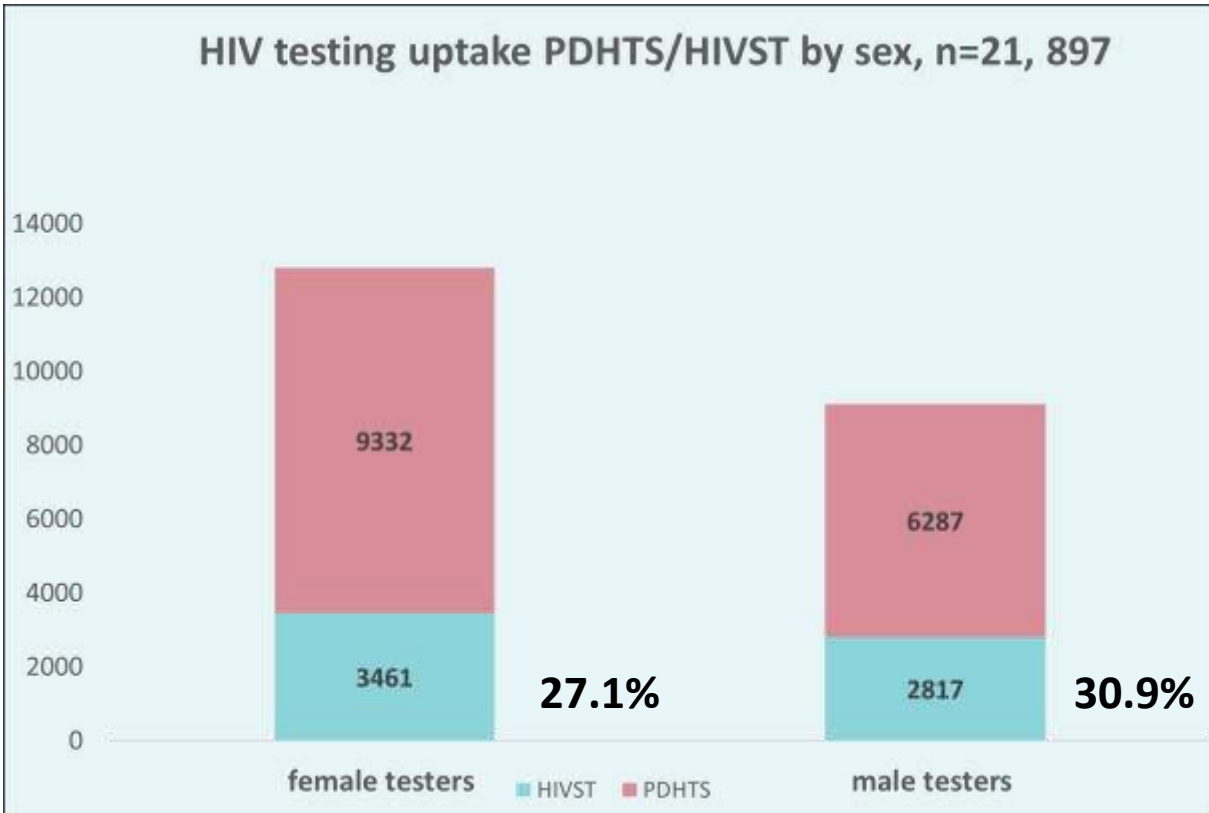
- HIVST as alternative to provider delivered HIV Testing
- Opt-out approach
- Hypothesis:
 - Triage of HIV negatives out of health system
 - Task-Shifting contributes to increased efficiency, reduced workload for health providers and counselors
- Partner notification through secondary distribution of HIV positive index



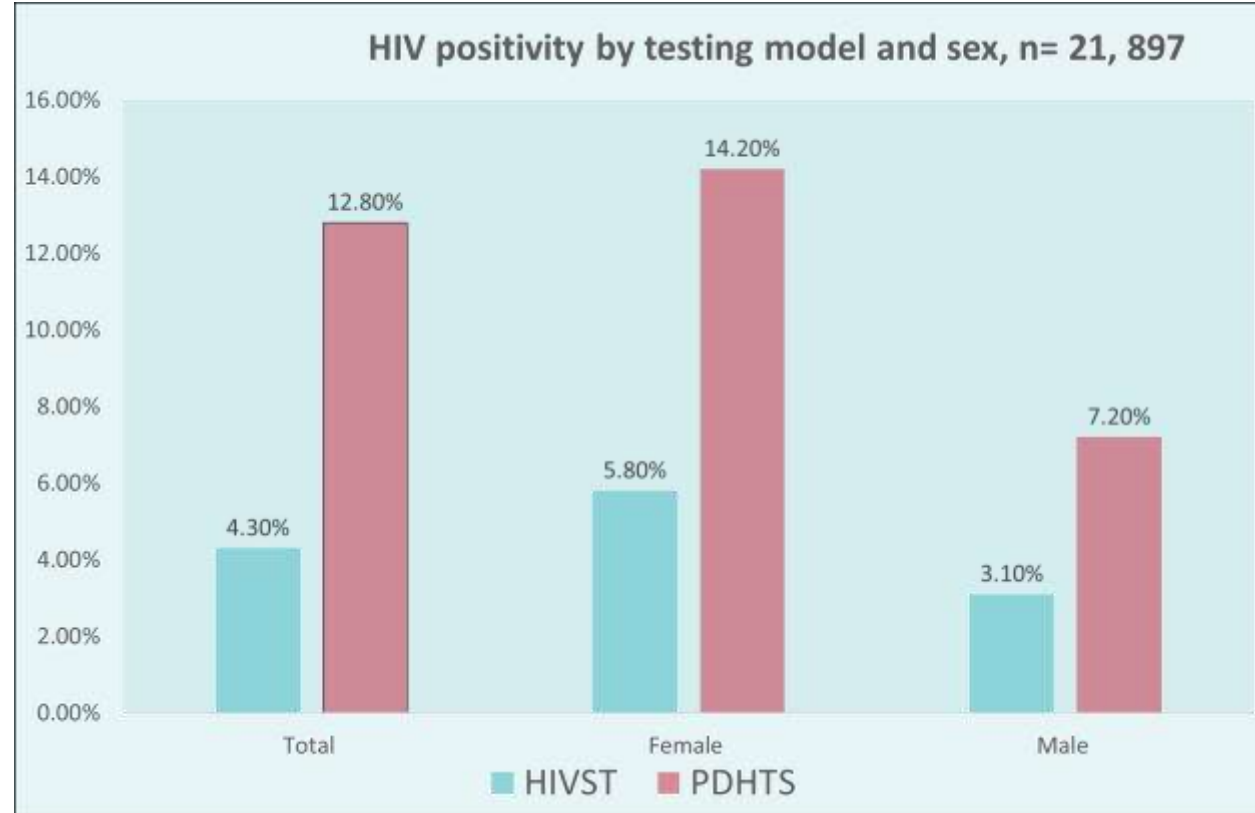
RESULTS

Facility-Based HIVST, Zimbabwe

HIV testing uptake PDHTS/HIVST by sex, n=21, 897



HIV positivity by testing model and sex, n= 21, 897



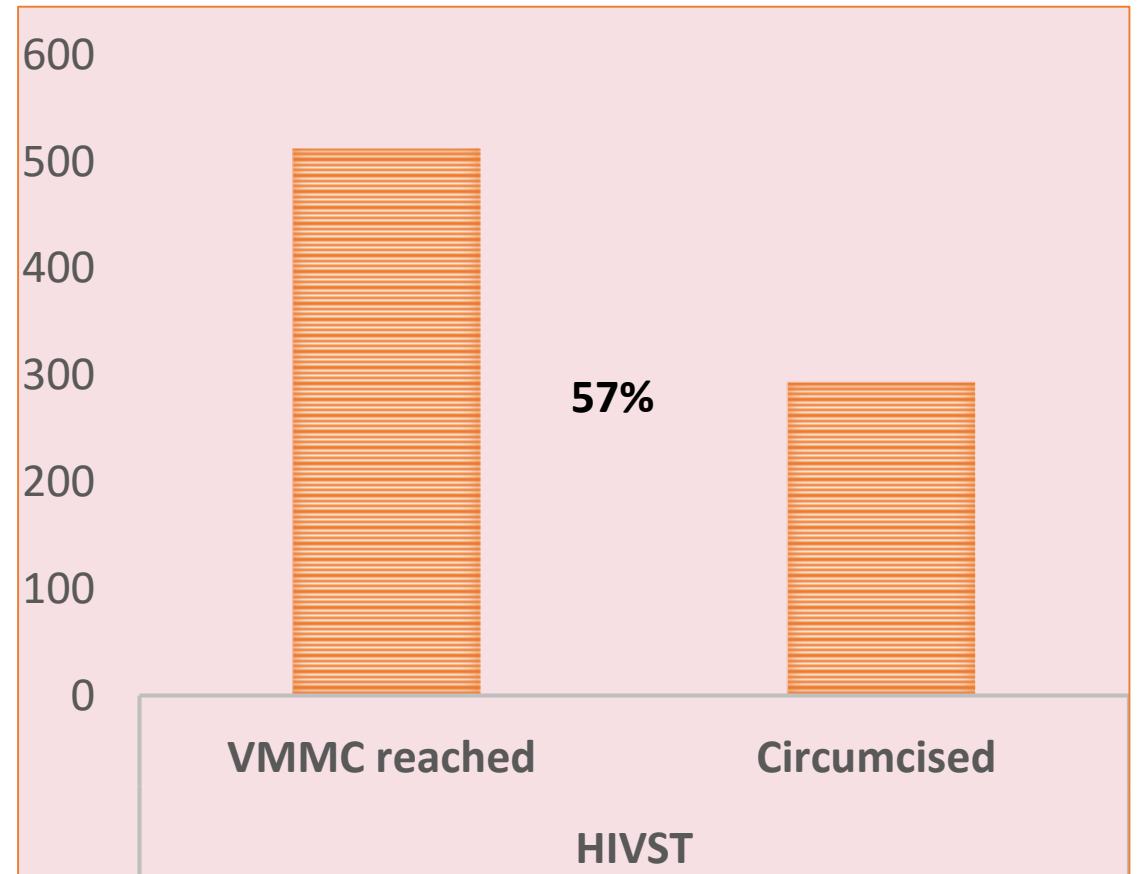
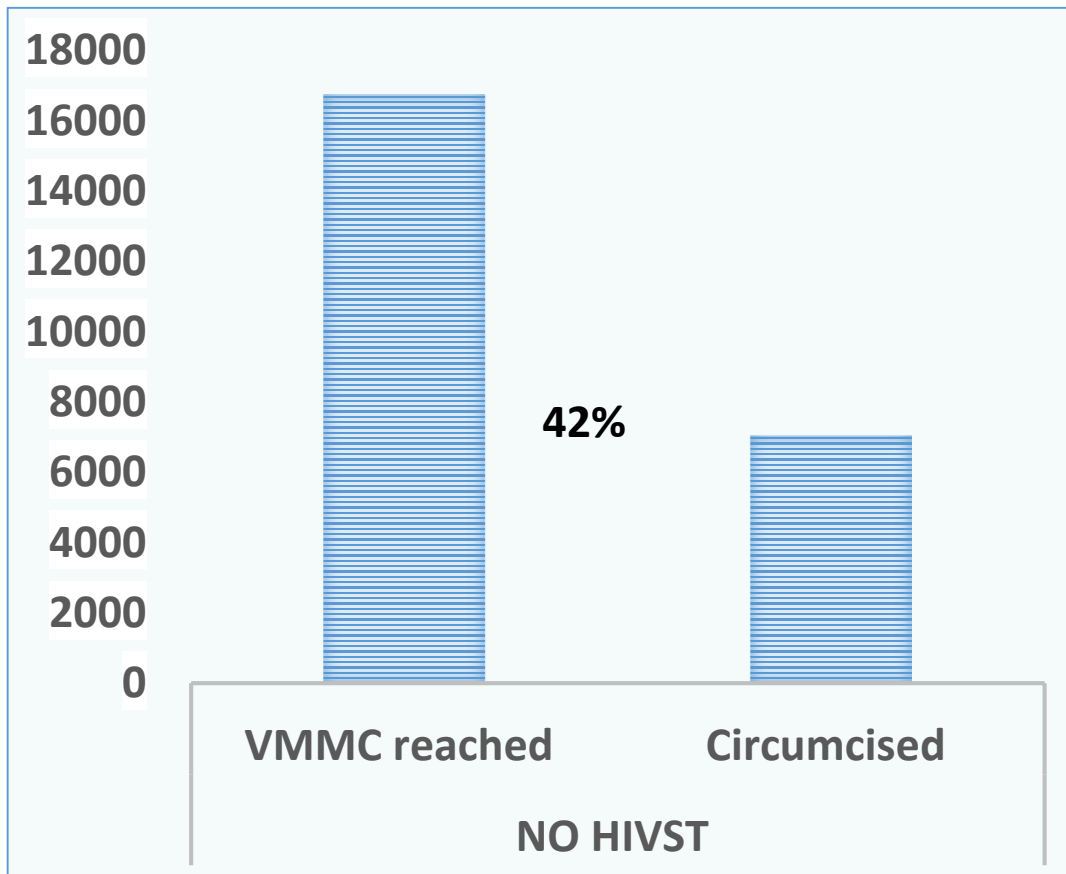
HIVST to increase uptake of HIV Prevention, Voluntary Medical Male Circumcision

- VMMC mobilisers targeting men for uptake of VMMC services
- Hypothesis: Fear of HIV positive result prevents men from taking up VMMC services
- Community mobilisation in urban and rural areas
- Target Group: sexually active, adult men >16 years of age
- Measuring uptake of VMMC after mobilisation and HIVST



RESULTS

HIVST and VMMC uptake among male self-testers in Zimbabwe



In Summary

- HIVST reaches undiagnosed HIV positive men and adolescents and first time testers
- Early linkage to confirmative testing and care and treatment services among positive self-testers
- Used as triage test, HIVST might increase efficiency, freeing counsellor time previously spent on testing HIV-negative individuals to focus on those with reactive results in need of further testing and initiation of ART.
- HIVST potentially improves partner notification/index testing through secondary distribution
- HIVST increases likelihood and motivation for uptake of VMMC



Acknowledgements

UNITAID for funding this important work

MOH Zimbabwe, Zambia, Malawi

WHO: Cheryl Johnson, Rachel Baggaley

STAR Core Team

Petra Stankard, Anthony Mwangi, Chanda Amatya Maleku

London School of Hygiene and Tropical Medicine Liz Corbett, Melissa Neumann, Katherine Fielding, Helen Weiss, Fern Terris-Prestholt, Helen Ayles, Hendy Maheswaran

University College London Andrew Phillips/Valentina Cambiano

Liverpool School Tropical Medicine: Miriam Taegtmeier, Frances Cowan

Country research teams: Nicola Desmond, Pitchaya Indravudh, Frances Cowan, Euphemia Sibanda, Helen Ayles, Alwyn Mwinga, Moses Kumwenda

PSI Platforms in Zambia, Zimbabwe, Malawi

Stephano Gudukeya Richard Chilongosi, Chiwawa, Mutinta Nalumbamba, Namuunda Mutomba



Contact

DR. KARIN HATZOLD

Director UNITAID/PSI HIV Self-Testing Africa (STAR) Project

khatzold@psi.org

