

# TARGETED COMMUNITY OUTREACH EVENTS TO IMPROVE UPTAKE AND YIELD OF HIV TESTING AMONG CHILDREN IN KENYA

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## BACKGROUND



*“The counties with the lowest median age at first sexual intercourse include **Migori (15.5)**, **Homa Bay (15.7)**, **Samburu (15.7)**, **Kisumu (16.4)**, and **Siaya (16.6)**.”*

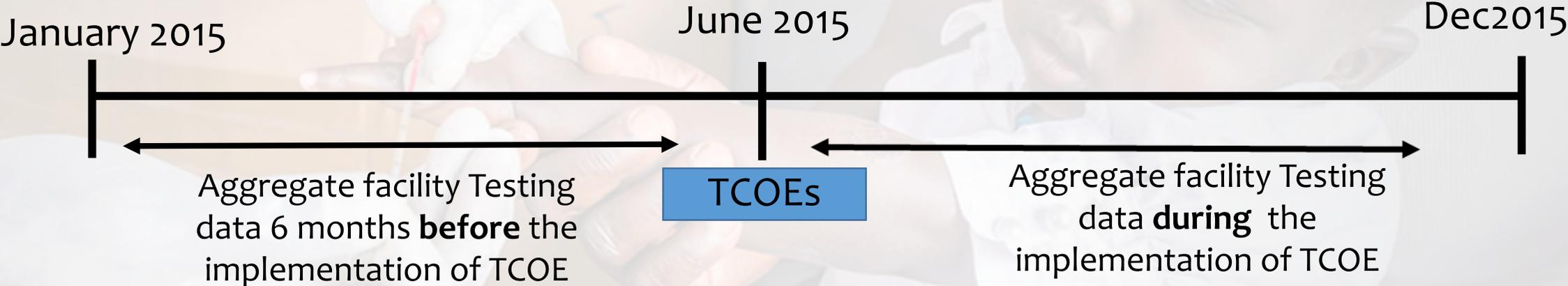
Kenya Demographic and Health Survey 2014

## BACKGROUND

Only less than 30% of children have ever been tested for HIV in the Nyanza region of western Kenya



**STUDY OBJECTIVE :** To examine whether targeted community outreach events (TCOE) would increase HIV testing and identification of HIV-infected children in Western Kenya



## WHAT DID WE DO?

493 Targeted Community

Outreach Events in 148

health facilities over 6  
months



## WHAT DID WE DO IN THE TCOES



**HEALTH EDUCATION**



**TESTING FOR HIV**



**REFERRAL TO CARE**

## OVERALL FINDINGS

- **Overall TCOE implementation did not result in an increase in uptake of testing for HIV**

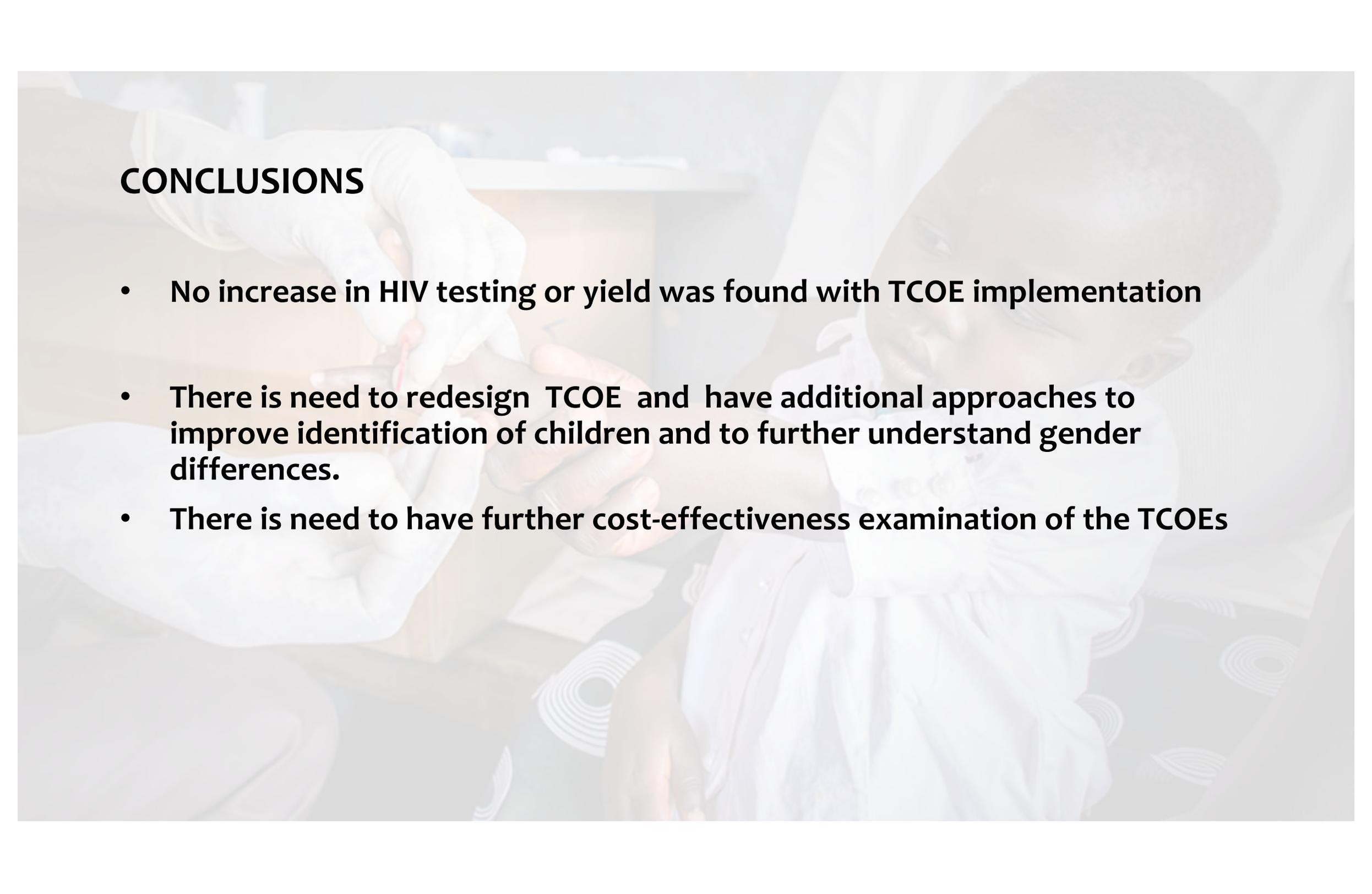
Pre-TCOE, the estimated mean number of children tested per facility was 34.4 (95% CI 29.1, 40.7) compared to post-TCOE, 36.4 (95% CI 30.8, 42.9)

- **yield decreased ( $p < 0.01$ ) at health facilities**

The estimated mean yield per facility pre TCOE was 0.48 (CI 0.40, 0.57) compared to 0.26 (CI 0.21, 0.34) during the implementation of TCEOs

## FINDINGS BY GENDER

- **Pre-TCOE more females than males per facility were tested, with estimated means of 37.4 (95% CI 31.8, 44.0) and 31.4 (95% CI 26.3, 37.5), respectively, ( $p < 0.01$ )**
- **Adjusting for baseline, the change in number of males tested per facility from pre- to post-TCOE increased compared to females, 37.6 (95% CI 30.5, 46.3) and 35.0 (95% CI 30.1, 40.6) respectively, ( $p < 0.01$ )**
- **There was no significant gender difference in yield at baseline ( $p = 0.35$ ) or when comparing yield overtime ( $p = 0.68$ ).**



## **CONCLUSIONS**

- **No increase in HIV testing or yield was found with TCOE implementation**
- **There is need to redesign TCOE and have additional approaches to improve identification of children and to further understand gender differences.**
- **There is need to have further cost-effectiveness examination of the TCOEs**

# ACKNOWLEDGMENT

- **MOH**
- **CDC**
- **FACES**
- **PEPFAR**
- **CIFF/ACT**
- **FACES staff, clients and families**



REPUBLIC OF KENYA  
MINISTRY OF HEALTH

