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UNITAID PSI HIV SELF-TESTING AFRICA

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Costs (US

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Background

HIV self-testing is a process whereby a person who wants to know his or her HIV status collects a specimen, performs the test and interprets the test result him/herself. The HIV Self-Testing Africa (STAR) project in Zambia utilised community-based distribution agents (CBDAs), voluntary medical male circumcision (VMMC) and health facility (HF) services to distribute HIVST kits. We present the costs per HIVST kits distributed and examine the key cost drivers in Zambia.

Objectives

To determine the unit costs per kit distributed using CBDA, VMMC, and HF distribution models.

Methods

We analysed project financial expenditure data between July 2016 and May 2017. All costs are presented in 2016 US\$. Total and unit costs per kit distributed were estimated for CBDA, VMMC, and HF distribution.

Results

Over the lifespan of the project, 127,804 HIVST kits were distributed across 16 communities. The CBDA model distributed the vast majority of kits (83%), followed by HF (10%) and VMMC (7%) models. Personnel, HIVST prices and transport were the key cost drivers accounting for 49%, 24% and 12% of the total costs, respectively. The unit cost per HIVST kits distributed were \$14.81 for CBDA, \$11.90 for VMMC and \$14.40 for the HF.





Cost analysis of differentiated HIV self-testing kits distribution strategies in Zambia

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VMMC