Introduction to PrEP-it

Katharine Kripke, PhD
Avenir Health

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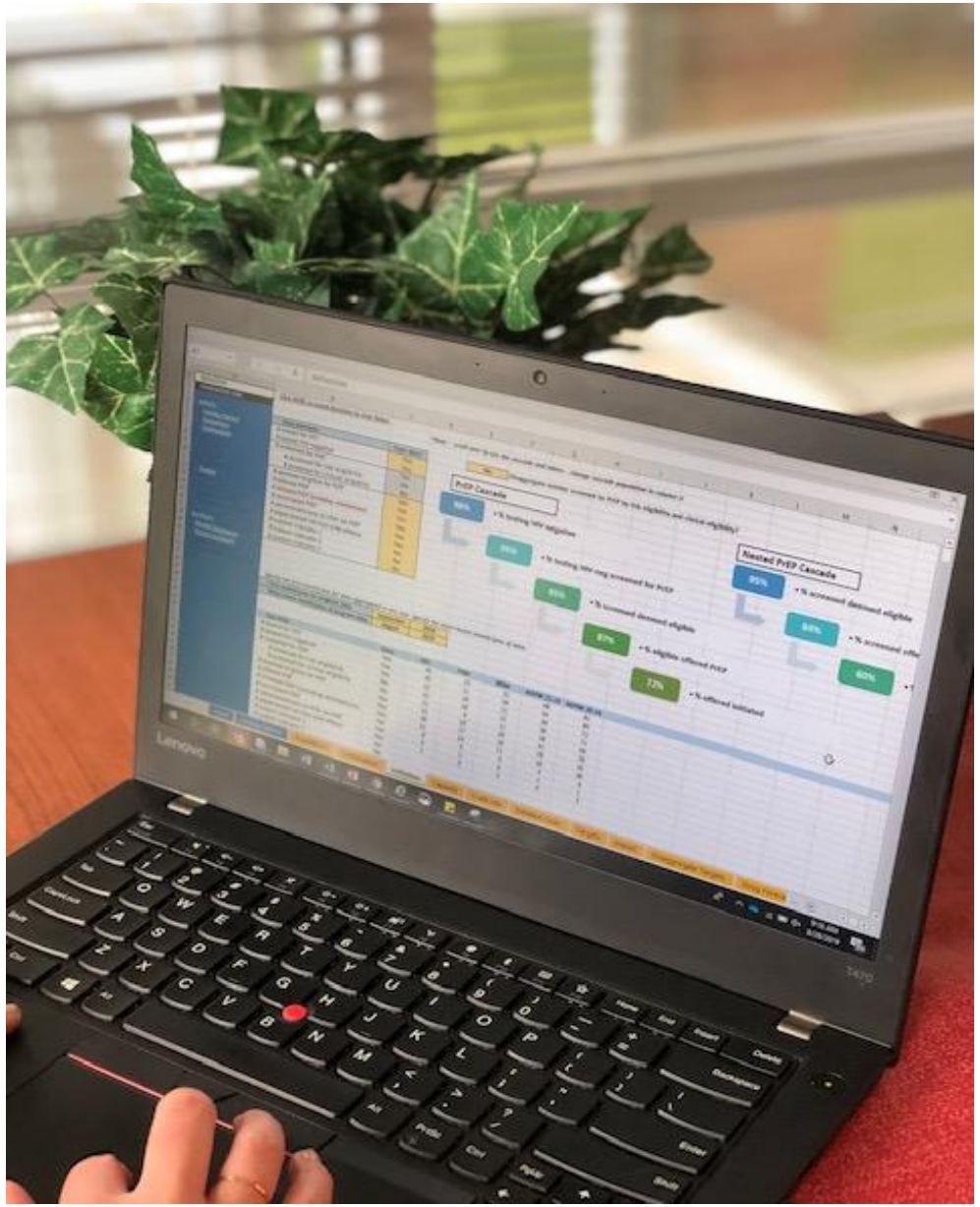
HP+ HEALTH POLICY PLUS

OPTIONS OPTIMIZING PREVENTION TECHNOLOGY INTRODUCTION ON SCHEDULE

Overview

- Objectives and process
- Key features of PrEP-it
- Q&A
- Small group activity for capacity assessment
- Full group discussion of the exercise



Project objectives

- PrEP-it (PrEP Implementation planning, monitoring, and evaluation Tool) – funded by USAID through the HP+, OPTIONS, and EATAP-II projects

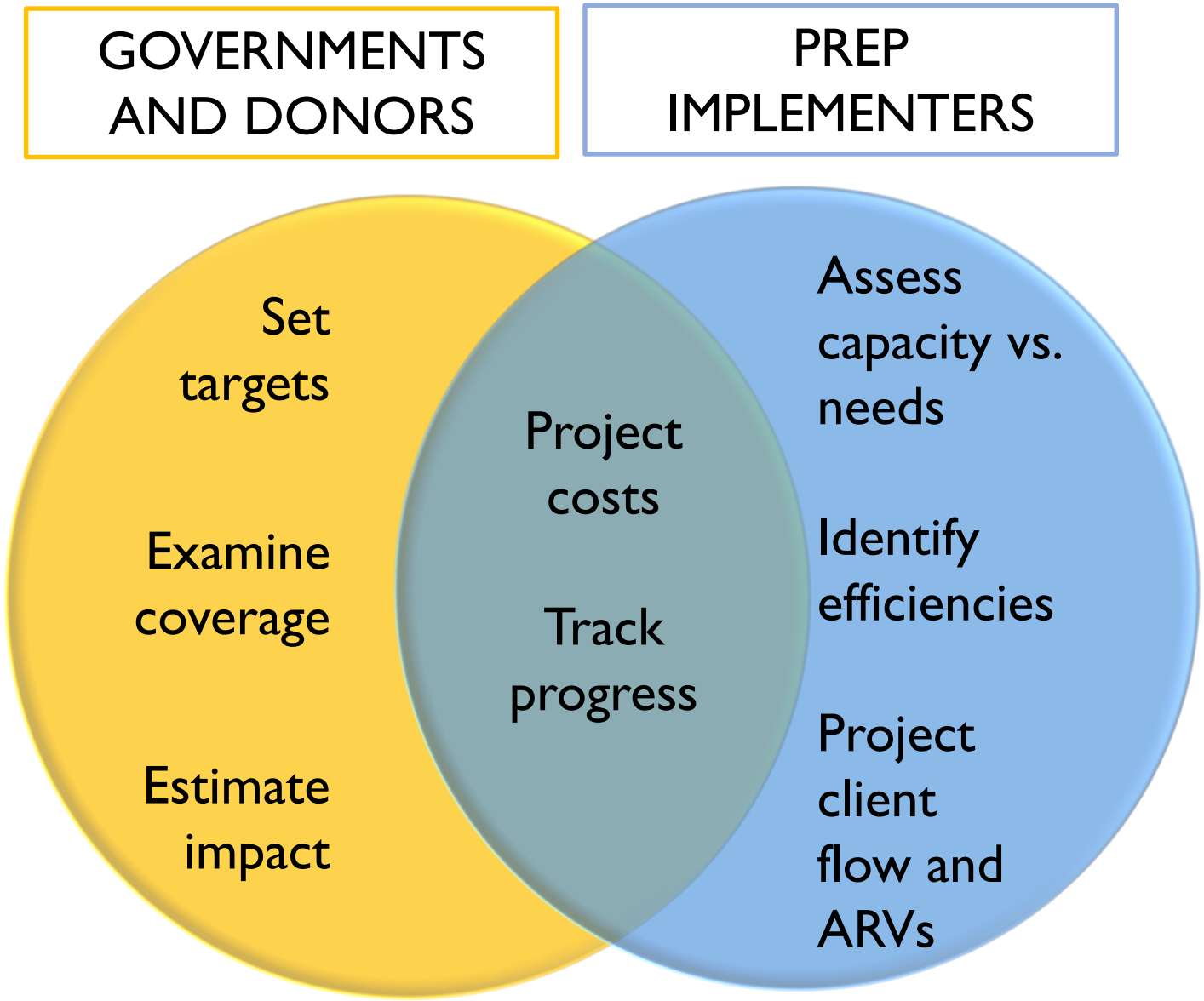
- PrEP-it is an Excel-based decision-making and analysis tool to support governments, donors, implementers, and other stakeholders on oral PrEP program planning and monitoring and evaluation with six interrelated modules:

PrEP-it development process

- Literature review: yielding research synthesis and reference repository
- First country visits to Mozambique and Zimbabwe to collect information to inform tool development
- Expert consultations and main tool development
- Pilot tests in Mozambique, Zimbabwe, Eswatini, and Kenya
- Revised tool based on feedback and launched September 24th

- Two primary purposes of the tool
  - Program planning
  - Implementation M&E

- Users can focus on aspects of PrEP-it most suitable to their needs



Key features of PrEP-it

1. Understanding **continuation rates** is important for tracking the number of people on PrEP each month

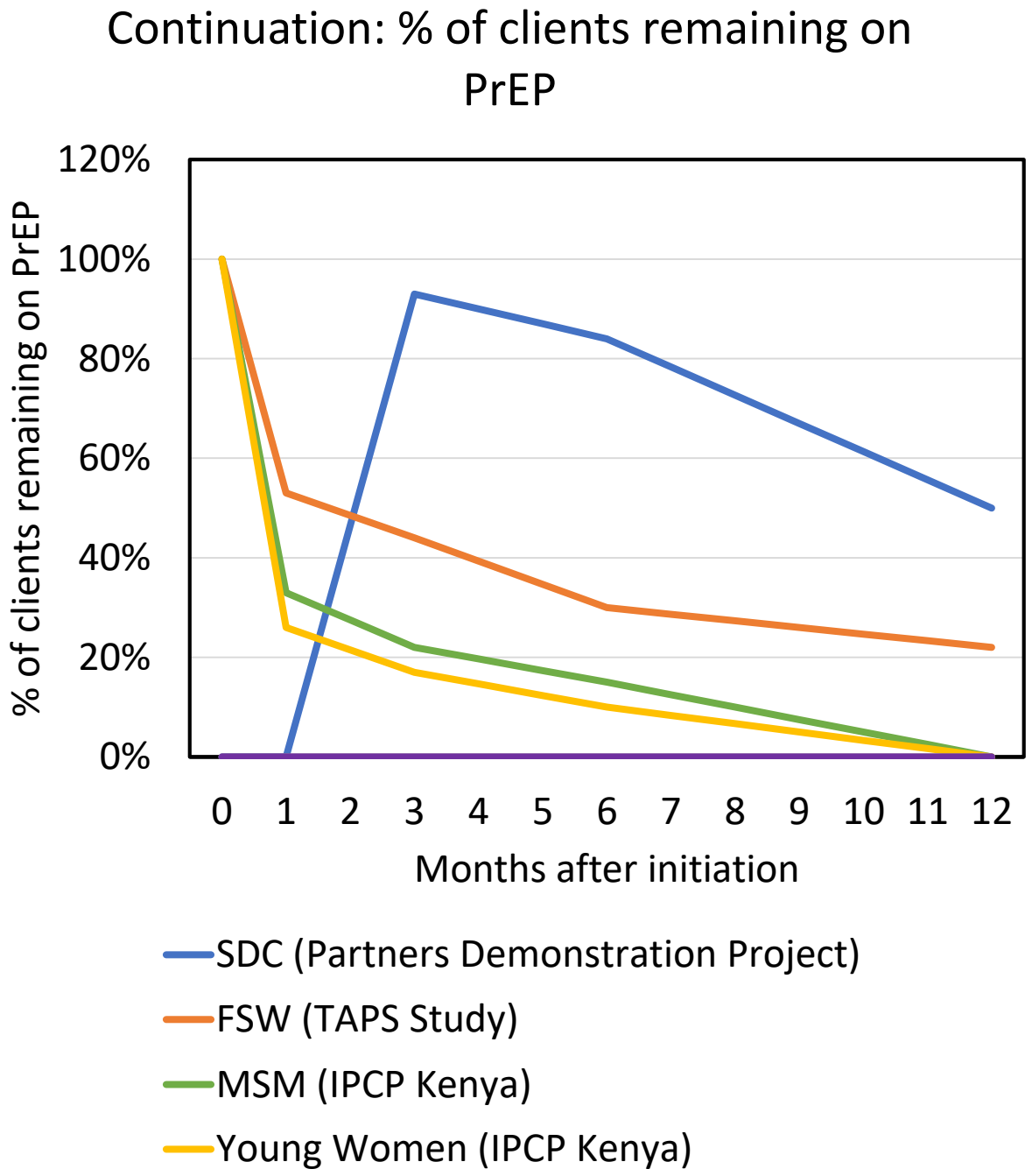
2. **Cost** estimates factor in visit schedules and varying costs by initiation and continuation visits

3. The tool allows three different approaches to setting **targets**

4. Includes **navigational features** to help guide users through the tool

Continuation curves

- Continuation rates factor into target-setting, cost and impact estimates, and ARV forecasting
- Continuation data needed for 4 points in time (1 month, 3 months, 6 months, and 12 months post initiation), making up the *continuation curve*
- Three options for entering continuation curves in PrEP-it:
  - Already calculated from country M&E systems
  - Calculate continuation rates based on a sample of individual client records using the *Continuation Calculator*
  - Based on other studies/programs with similar features/populations (references provided from studies in Kenya, South Africa, and Uganda)



Estimating costs: Two approaches

- PrEP-it cost analysis and design under the EATAP-II project

- Users can choose between two different cost modules:
  - **Costs Lite** – simplified approach for users without a costing background or detailed cost data
  - **Detailed Costs** – for more comprehensive cost specification including task-shifting analysis

- Both modules utilize cost by visit type (initiation and continuation), which accounts for different continuation rates by different priority populations when calculating annual costs
- Default values are provided, based on country-specific wage data and analysis of PrEP implementation costs from Eswatini, Kenya, Lesotho, South Africa, Zambia, and Zimbabwe

**More information on PrEP costing can be found at: //www.prepwatch.org/resource/prep-costing-guidelines/*

Target setting: 3 approaches

1

COVERAGE

"top-down"

Set targets based on desired priority population coverage levels

2

CAPACITY

"bottom-up"

Set targets based on capacity for PrEP delivery

3

MANUAL

Enter in previously determined numerical targets to review coverage/capacity

Multiple input tabs

Select functions

Define populations

Specify continuation

Enter monthly initiations

Estimate capacity

Specify costs

Generate targets

Estimate impact

Forecast drug needs

Note: Not all users will need to complete every input step. Navigational panel will direct users to the input steps necessary to generate their desired outputs.

GETTING STARTED	Color Key	Click HERE to record decisions in User Notes
NAVIGATION BAR		Light yellow input cell: drop-down menu
		Orange input cell: numbers or text
INPUTS		Gray cells: reference data or calculations (cannot be edited)
Getting Started		Green cells: selected to "Yes"
Populations		
Continuation	Kenya	**Step 1: Select country from drop-down menu on left**
Initiation		**Step 2: Enter name of the program or geographic area for which PrEP-it will be used (Optional)**
Capacity		**Step 3: In colum B below, set to "Yes" any functions you want to use PrEP-it for**
Costs Lite	Yes/No	**PrEP-it Functions**
Detailed Costs		***TARGETS***
Targets	Yes	Targets Option 1: Generate national or subnational targets based on coverage
Impact	-	Targets Option 2: Generate targets based on capacity
Disaggregate Targets	-	Targets Option 3: Enter previously established targets (to link with other modules)
Drug Forecasting	-	Disaggregate targets by age/sex/PSNU
Continuation Calculator		***COSTS***
	-	*Estimate annual PrEP costs per person only. (Click HERE to go to Costs Lite for stand-alone costing.)*
OUTPUTS	-	Estimate costs associated with targets using the Costs Lite module
Results Dashboard	-	Estimate costs associated with service delivery using the Costs Lite module
Results by Month	-	Estimate costs associated with targets using the Detailed Costs module
Targets by District	-	Estimate costs associated with service delivery using the Detailed Costs module
Targets Output for PEPFAR	-	Estimate the cost effectiveness of PrEP delivery (cost per HIV infection averted) using Costs Lite
	-	Estimate the cost effectiveness of PrEP delivery (cost per HIV infection averted) using Detailed Costs

When users select their function(s), the necessary inputs are indicated on the navigation bar – to be completed from top to bottom

Outputs

SINGLE MODULE OUTPUTS

- Summary of PrEP cascade metrics from HIV testing to initiation
- Forecast client visits for coming months based on recent past initiations and continuation rates
- Aggregated service delivery capacity
- Capacity bottlenecks for each service delivery unit and summary of capacity bottlenecks
- Annual and monthly initiation targets per priority population
- Target disaggregation by sublocation and age/sex
- Cost per person on PrEP for an entire year

MULTI MODULE OUTPUTS

- Track service delivery against targets
- Set targets based on capacity for service delivery
- View potential capacity gaps based on service delivery forecasts or targets
- Forecast annual and monthly costs, accounting for continuation
- Estimate monthly and total costs associated with targets or service delivery
- Estimate the number of HIV infections averted based on targets or service delivery
- Estimate costs per HIV infection averted
- Annual costs per client initiated, accounting for continuation curves
- Monthly drug needs and costs based on service delivery or targets

Country applications

- Eswatini used PrEP-it pilot visit to set national targets
- Malawi requested early version of tool for national target setting activity
- Kenya plans to use PrEP-it for county target-setting, costing, and monitoring and evaluation

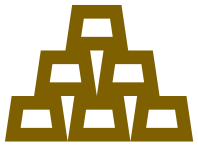
PrEP-it resources

PrEP-it and supporting materials can be found at:

https://www.prepwatch.org/resource/prepit

Along with the tool, one can also download a step-by-step user guide and access instructional YouTube videos

Questions



Capacity

Capacity assessment module

- Primary objective - allow users to assess their capacity for PrEP delivery across sites and identify bottlenecks for PrEP delivery
- Some users may already know their overall capacity and can enter it directly
- Others may want to use the capacity estimation worksheet that aggregates site-level capacity information
- Links to the target-setting module where users can set targets based on their capacity or forecast potential capacity shortfalls
- Links to cascade module to assess potential capacity shortfalls for projected client flow

Capacity process

- **Staffing** - # clients able to serve
- **Labs** - # initiating labs able to process
- **Drug supply** - # ARVs available
- **Potential clients** – user-defined estimate of demand, e.g. people testing HIV negative
- Links to target-setting and PrEP cascade modules

- Identify site-specific bottlenecks and main bottlenecks across sites
- Examine how changes to specific bottlenecks can change overall capacity
- Set targets based on capacity or review the capacity implications of targets set via another method
- Compare capacity to projected client flow based on program data

Capacity module activity

- Work with your table on the exercise related to the capacity module for the next 20 minutes
- Reconvene to larger group for discussion

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Katharine Kripke, PhD
kkripke@avenirhealth.org

Matt Hamilton
mhamilton@avenirhealth.org

Nicole Bellows, PhD
nbellows@avenirhealth.org

Lori Bollinger, PhD
lbollinger@avenihealth.org

Rachael Linder, MPH
rlinder@avenirhealth.org

Anaïse Kanimba
Anaise.Kanimba@thepalladiumgroup.com

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