



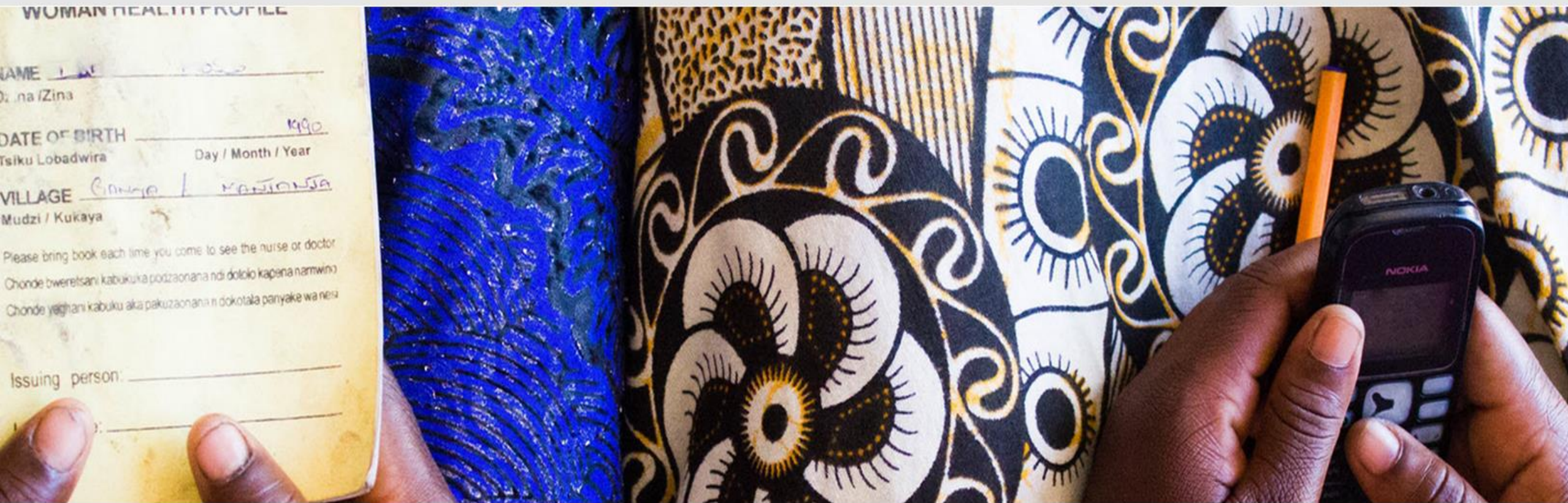
Global  
Health  
Cost  
Consortium

# Unit Cost Study Repository (UCSR)

Lori Bollinger

TB MAC Meeting

September 20, 2017




A critical gap in the arsenal needed for planning of TB and HIV programs is a centralized source of intervention costing data that is easily accessible to policy analysts, country officials and implementing organizations. This Unit Cost Repository for TB and HIV Prevention, Treatment, and Care Interventions is intended to support the costing of national strategies, assist in Global Fund applications, identify opportunities for sustainability, and be used as an input to economic evaluations.

## Unit Cost Study Repository

Key characteristic selection

- 1. Disease
- 2. Intervention Class
- 3. Phase
- 4. Technology
- 5. Target Group
- 6. Country
- 7. Perspective
- 8. Delivery Mode
- 9. Geography
- 10. Sector

ID ▾ Name, Year Intervention Technology Target Group Country Geography Quality Score



Welcome to the GHCC Unit Cost Study Repository.  
**Select key characteristics from the sidebar to begin.**

- Dropdown menus to select characteristics (TBD)
  - Can select one or more (or “All”)



- Then hit “Submit”
  - Center table will populate, and the characteristics will slide away to the left.

## Unit Cost Study Repository

Showing 1 to 100 of 256 results

Show Filters Columns Export Reset

ID	Name, Year	Intervention	Technology	Target Group	Country	Geography	Quality Score	
A001	Larson, 2014	HIV Care and Support	Technology Name	General	Botswana	National	42.5	Details >
A002	Larson, 2014	HIV Care and Support	Technology Name	General	South Africa	Rural	47.6	Details >
A003	XYZ, 2011	Drug Substitution	Technology Name	General	Uganda	Rural	56.0	Details >
A001	Larson, 2014	HIV Care and Support	Technology Name	General	Botswana	National	42.5	Details >
A001	Larson, 2014	HIV Care and Support	Technology Name	General	Botswana	National	42.5	Details >
A001	Larson, 2014	HIV Care and Support	Technology Name	General	Botswana	National	42.5	Details >
A001	Larson, 2014	HIV Care and Support	Technology Name	General	Botswana	National	42.5	Details >
A001	Larson, 2014	HIV Care and Support	Technology Name	General	Botswana	National	42.5	Details >
A001	Larson, 2014	HIV Care and Support	Technology Name	General	Botswana	National	42.5	Details >
A001	Larson, 2014	HIV Care and Support	Technology Name	General	Botswana	National	42.5	Details >
A001	Larson, 2014	HIV Care and Support	Technology Name	General	Botswana	National	42.5	Details >
A001	Larson, 2014	HIV Care and Support	Technology Name	General	Botswana	National	42.5	Details >
A001	Larson, 2014	HIV Care and Support	Technology Name	General	Botswana	National	42.5	Details >
A001	Larson, 2014	HIV Care and Support	Technology Name	General	Botswana	National	42.5	Details >
A001	Larson, 2014	HIV Care and Support	Technology Name	General	Botswana	National	42.5	Details >
A001	Larson, 2014	HIV Care and Support	Technology Name	General	Botswana	National	42.5	Details >
A001	Larson, 2014	HIV Care and Support	Technology Name	General	Botswana	National	42.5	Details >
A001	Larson, 2014	HIV Care and Support	Technology Name	General	Botswana	National	42.5	Details >
A001	Larson, 2014	HIV Care and Support	Technology Name	General	Botswana	National	42.5	Details >
A001	Larson, 2014	HIV Care and Support	Technology Name	General	Botswana	National	42.5	Details >
A001	Larson, 2014	HIV Care and Support	Technology Name	General	Botswana	National	42.5	Details >
A001	Larson, 2014	HIV Care and Support	Technology Name	General	Botswana	National	42.5	Details >
A001	Larson, 2014	HIV Care and Support	Technology Name	General	Botswana	National	42.5	Details >
A001	Larson, 2014	HIV Care and Support	Technology Name	General	Botswana	National	42.5	Details >
A001	Larson, 2014	HIV Care and Support	Technology Name	General	Botswana	National	42.5	Details >
A001	Larson, 2014	HIV Care and Support	Technology Name	General	Botswana	National	42.5	Details >
A001	Larson, 2014	HIV Care and Support	Technology Name	General	Botswana	National	42.5	Details >

Showing 1 to 100 of 256 results

First Previous 1 2 3 4 Next Last

- DRAFT format: 2 fixed columns, then scrolling to see remainder
  - Will be able to change order of columns
- Access full extraction form from the main display page.
- Clicking on “details” goes to second level display with further detail

# List of potential characteristics

---

- Disease
- Intervention type (Prevention/Treatment)
- Intervention
- Treatment Phase
- Technology
- Target group (population)
- Target group (clinical)
- Country/region
- Perspective
- Platform
- Delivery mode
- Geography
- Sector

## Unit Cost Study R

Showing **1 to 100** of 256 results

ID	Name, Year
A001	Larson, 2014
<b>A002</b>	<b>Larson, 2014</b>
A003	XYZ, 2011
A001	Larson, 2014
A001	Larson, 2014
A001	Larson, 2014
A001	Larson, 2014
A001	Larson, 2014
A001	Larson, 2014
A001	Larson, 2014
A001	Larson, 2014
A001	Larson, 2014
A001	Larson, 2014
A001	Larson, 2014
A001	Larson, 2014
A001	Larson, 2014
A001	Larson, 2014
A001	Larson, 2014
A001	Larson, 2014
A001	Larson, 2014
A001	Larson, 2014
A001	Larson, 2014
A001	Larson, 2014
A001	Larson, 2014

### A002 Larson, 2014

#### STUDY ATTRIBUTES

##### Citation >

- Intervention
- Geography
- Population
- Study Design
- Methods

#### COST BREAKDOWNS

- Economic vs Financial
- Cost Category
- Activity
- Trading Status
- Fixed vs Variable

#### Citation

##### Author

Name of Author

##### Publication Year

2014

##### Title

This is the Title

##### Journal

Name of Journal

##### Link

<http://example.com/link-title>

##### Author

##### Publication Year

##### Title

##### Journal

##### Link

#### Intervention

Service delivery sector

Platform

Intervention class

, 77% were unemployed

#### Intervention type

(and indirect costs) incurred by the caregivers was \$66.00 (± 5.98), while the mean expenditure on care giving was \$65.22 ± 7.82. This mean of the total monthly cost is about one and a half times the caregivers' mean monthly income of \$66.00 (± 5.98) and more than six times the Government of Botswana's financial support to the caregivers. In addition, the cost incurred per visit by the caregivers was \$15.26, while the total expenditure incurred per client or family in a month was \$184.17.

#### Intervention

The caregivers and the respective household records showing the time spent daily or weekly on care giving. The study relied on information provided by caregivers. All the analyses in the study have been made on the assumption that the information provided was accurate and reflected the true perceptions of the caregivers.

#### Intervention details

(and indirect costs) incurred by the caregivers was \$66.00 (± 5.98), while the mean expenditure on care giving was \$65.22 ± 7.82. This mean of the total monthly cost is about one and a half times the caregivers' mean monthly income of \$66.00 (± 5.98) and more than six times the Government of Botswana's financial support to the caregivers. In addition, the cost incurred per visit by the caregivers was \$15.26, while the total expenditure incurred per client or family in a month was \$184.17.

- The details section will have two sections:
  - Study attributes
  - Cost breakdowns

- Each of the (draft) sub-headings listed on the left-hand side of the details section
  - “Sticky” so user can re-direct quickly without scrolling.

### Cost category breakdown

Broad	2017 USD (\$)	Narrow	2017 USD (\$)
Personnel	100	Service delivery personnel	80
		Support personnel	15
		Other personnel	
		Mixed personnel	
		Unspecified personnel	5
Recurrent	60	Supplies (key drugs)	40
		Supplies (medical/intervention)	10
		Supplies (non-medical/non-intervention)	5
		Other supplies	
		Mixed supplies	
		Unspecified supplies	5
Capital	20	Equipment (medical/intervention)	5
		Equipment (non-medical/non-intervention)	5
		Vehicles, capital	1
		Building, capital	7
		Other capital	2
		Mixed capital	
		Unspecified capital	
Mixed		Mixed (across broad categories)	
Unspecified	20	Unspecified (across categories)	
<b>Total</b>	<b>200</b>	<b>Total</b>	<b>200</b>

The cost breakdown sections are currently in the design phase.

## Key characteristic selection

### 1. Disease



HIV, Multi-disease



### 2. Intervention Class



Prevention, Treatment



### 3. Phase



All



### 4. Technology



All



### 5. Target Group



All



We are aiming for simplicity of the UCSR so that it can be readily used on desktops, tablets, and mobile devices.

The mobile UCSR is similar to the desktop display.



In this section

## Unit Cost Study Repository

Columns

Export

Reset

ID	Name, Year	Intervention	Country
A001	Larson, 2014	Prevention and Support	Botswana
A002	Larson, 2014	Prevention and Support	South Africa
A003	Larson, 2014	Prevention and Support	Uganda
A004	Larson, 2014	Prevention and Support	Botswana
A005	Larson, 2014	Prevention and Support	Uganda
A013	Larson, 2014	Prevention and Support	Nigeria
A014	Larson, 2014	Prevention and Support	Botswana
A015	Larson, 2014	Prevention and Support	Botswana
A016	Larson, 2014	Prevention and Support	Ghana



A002

# Larson, 2014

## Citation

**Author**

---

Name of Author

**Publication Year**

---

2014

**Title**

---

This is the title

**Journal**

---

Name of the Journal

**Link**

---

<http://example.com/link-title>

## Intervention

**Setting**

---

Urban

**Population Served**

---

169 care givers sampled

**Population Description**

---

(caregivers) 91% female, 50% older than 40, 73% were volunteers, 77% were unemployed



[Home](#) > [Data](#) > [Unit Cost Study Repository](#)

**Overview** >

- [UCSR](#)
- [Methodology](#)
- [User Information](#)

## Overview

A critical gap in the arsenal needed for planning of TB and HIV programs is a centralized source of intervention costing data that is easily accessible to policy analysts, country officials and implementing organizations. This Unit Cost Repository for TB and HIV Prevention, Treatment, and Care Interventions is intended to support the costing of national strategies, assist in Global Fund applications, identify opportunities for sustainability, and be used as an input to economic evaluations.

**Unit Cost Study Repository**

Showing 100 of 256 results

ID #	Name	Intervention	Technology	Target Group	Country	Organization	Quality Score	Details >
A001	Larson, 2014	HIV Care and Support	Technology Name	General	Botswana	National	42.5	Details >
A002	Larson, 2014	HIV Care and Support	Technology Name	General	South Africa	Rural	41.0	Details >
A003	NYC, 2011	Drug Substitution	Technology Name	General	Uganda	Rural	56.0	Details >
A004	Larson, 2014	HIV Care and Support	Technology Name	General	Botswana	National	42.5	Details >
A005	Larson, 2014	HIV Care and Support	Technology Name	General	Botswana	National	42.5	Details >
A006	Larson, 2014	HIV Care and Support	Technology Name	General	Botswana	National	42.5	Details >
A007	Larson, 2014	HIV Care and Support	Technology Name	General	Botswana	National	42.5	Details >
A008	Larson, 2014	HIV Care and Support	Technology Name	General	Botswana	National	42.5	Details >
A009	Larson, 2014	HIV Care and Support	Technology Name	General	Botswana	National	42.5	Details >
A010	Larson, 2014	HIV Care and Support	Technology Name	General	Botswana	National	42.5	Details >

**Sign up for our newsletter**

Your Email Address

**Follow Us**



**About**

- [Why GHCC?](#)
- [Theory of Change](#)
- [Team](#)
- [Collaborators](#)
- [Contact Us](#)

**Standards and Methods**

- [Reference Case](#)
- [Introduction](#)
- [Principles](#)
- [Glossary](#)
- [Sources](#)
- [Instruments](#)

**Data**

- [UCSR](#)
- [Dataverse](#)
- [Data Links](#)

**Tools**

- [Costing Tool](#)
- [Training](#)

**Resources**


- [Reports](#)
- [Policy Briefs](#)
- [Presentations](#)

**Links**

- [Economic Evaluation](#)
- [Resource Tracking](#)
- [Planning & Strategies](#)
- [General](#)

# UCSR supporting pages:

- Overview
- Methodology
- User information

 Costing Tool

**Options**

Disease: 0 Selected

Sub-disease: 0 Selected

Target population: 0 Selected

Intervention type: 0 Selected

Intervention: 0 Selected

Components: 0 Selected

Country: 0 Selected

Sub-national: 0 Selected

**Parameters**

Value

Cost perspective: Provider

Type of cost: Economic

Currency: US\$

Extrapolation method: Regional z

Geography: Urban 1

Delivery mode: Clinic 1

Sector: Public 1

Scale: High 1

Scenario name: Test

**Results**

Scenario: Test

	Unit Cost
Personnel	0.00
Recurrent	0.00
Training	0.00
Overhead	0.00
Capital/Facility	0.00
<b>Total</b>	<b>0.00</b>
Lower bound	0.00
Upper bound	0.00

## UCost

- Very draft form
- Ability to display unit cost/cost function information by country by intervention by selected characteristics
- Series of questions for modelers

# Discussion

---

- What are you currently doing? Are you:
  - a) using unit costs or cost functions
  - b) if using unit costs, disaggregating data in which way
  - c) if extrapolating costs from other services, are you splitting by tradable / non-tradable
  - d) if using cost functions, are they at the coverage level, and are you considering facility functions (and expansion patterns)
  - e) Economies of scale and scope
- What would you ideally like to do? And how does this affect your data needs?