

# Tanzania - ALPHA HIV Incidence and Mortality Data 1994-2016, Kisesa

**Kisesa HIV Open Cohort, Network for Analysing Longitudinal Population HIV/ AIDS data on Africa**

Report generated on: May 29, 2026

Visit our data catalog at: <https://datacatalog.ihsn.org/>

## Identification

### SURVEY ID NUMBER

TZA\_1994-2016\_ALPHA-HIV-IM\_v01\_M

### TITLE

ALPHA HIV Incidence and Mortality Data 1994-2016, Kisesa

### ABBREVIATION OR ACRONYM

ALPHA-HIV-IM 1994-2016

### COUNTRY

Name	Country code
Tanzania	TAZ

### STUDY TYPE

Other Household Survey [hh/oth]

### SERIES INFORMATION

The ALPHA (Analysing Longitudinal Population-based HIV/AIDS Data in Africa) Network is a collaboration among 10 longitudinal studies in sub-Saharan Africa. These studies collect data on HIV infection alongside demographic, behavioural, socio-economic and clinical data from residents of the study areas. The Network harmonises these data and conducts comparable and pooled analyses on HIV-related research questions. The ALPHA HIV Incidence and Mortality data, Kisesa is part of the international data harmonisation and analysis programme of the ALPHA network.

### ABSTRACT

This dataset is created from harmonizing longitudinal population-based demographic surveillance and repeated serological survey data collected by an Kisesa HIV open cohort Study in Mwanza, Tanzania. The data harmonization is coordinated by the ALPHA Network which curates individual-level data on demographic surveillance, verbal autopsy interviews, serological and sexual behavior surveys, and individually-linked data from HDSS and medical facilities.

The data from the Kisesa site in Tanzania includes two data files:

- HIV incidence data data file

This data file includes data on resident study participants aged 15-49 who have had one negative HIV test and at least one subsequent HIV test done within the study for research purposes. Data may be split into multiple observations for each person to describe time spent in different residencies, different age groups and different calendar year periods.

All timings are given as age at event, instead of the dates. Dates of birth were rounded to the 15th of the month, and all other dates were offset by the same amount and the time elapsed between the rounded dates is used as the age at event. To enable multiple imputation of seroconversion dates we have provided the times (ages) of last negative test and first positive test.

- Mortality data

This data file was created as described here (<https://gatesopenresearch.org/articles/1-4>)

### KIND OF DATA

Event/transaction data [evn]

### UNIT OF ANALYSIS

Individuals

## Version

### VERSION DESCRIPTION

Version 01: Edited, anonymised data available with restrictions.

### VERSION DATE

2022

## Scope

### NOTES

The data covers demographic surveillance and repeated serological survey data from the Kisesa site in Mwanza, Tanzania, collected through demographic surveillance, verbal autopsy interviews, serological and sexual behaviour surveys. Also included is data from HDSS and medical facilities.

## Coverage

### GEOGRAPHIC COVERAGE

The data covers the Kisesa HIV open cohort study area in Mwanza, Tanzania

### GEOGRAPHIC UNIT

The lowest level of geographic aggregation of the data is village.

## Producers and sponsors

### PRIMARY INVESTIGATORS

Name	Affiliation
Kisesa HIV Open Cohort	National Institute for Medical Research, Mwanza
Network for Analysing Longitudinal Population HIV/ AIDS data on Africa	London School of Hygiene and Tropical Medicine

### FUNDING AGENCY/SPONSOR

Name
The Global Fund to Fight AIDS, Tuberculosis and Malaria
Wellcome Trust
Bill and Melinda Gates Foundation

### OTHER IDENTIFICATIONS/ACKNOWLEDGMENTS

Name	Affiliation	Role
Mark Urassa	National Institute for Medical Research, Mwanza	Demographer and Kisesa Study Director
Dr David Beckles		Database programmer, consultant
Prof Basia Zaba		Demographer, former ALPHA network lead
Prof Jim Todd	LSHTM	Professor of statistics and technical support
Baltazar Mtenga	National Institute for Medical Research, Mwanza	Data manager and programmer
Dr Michael Denna	National Institute for Medical Research, Mwanza	Epidemiologist
Dr Milly Marston	LSHTM	Demographer, Technical support
Dr Emma Slaymaker	LSHTM	Epidemiologist, Technical support

## Data collection

### DATES OF DATA COLLECTION

Start	End	Cycle
1994	2016	Mortality data

1996	2015	Incidence data
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## DATA COLLECTION MODE

Face-to-face

## DATA COLLECTION NOTES

ALPHA data are harmonised datasets from ALPHA member sites and this dataset is from the Kisesa study site.

## DATA COLLECTORS

Name	Affiliation
Kisesa HIV Open Cohort	National Institute for Medical Research, Mwanza

## Questionnaires

## QUESTIONNAIRES

The original unharmonised data was collected by the Kisesa study

## Access policy

## CONTACTS

Name	Affiliation	Email	URL
DataFirst helpdesk	University of Cape Town	support@data1st.org	www.support.data1st.org

## ACCESS CONDITIONS

Access under a Creative Commons CC-BY-NC (Attribution, Non-Commercial use only) License

## CITATION REQUIREMENTS

Kisesa HIV Open Cohort study and ALPHA Network. ALPHA HIV Incidence and Mortality Data, 1994-2016, Kisesa, Tanzania [dataset]. Version 1. Kisesa and London: Kisesa HIV Open Cohort study and LSHTM [producers], 2016. Cape Town: DataFirst [distributors], 2022. DOI: <https://doi.org/10.25828/SGBS-Q698>

## ACCESS AUTHORITY

Name	Affiliation	Email	URL
DataFirst	University of Cape Town	support@data1st.org	www.datafirst.uct.ac.za

## ARCHIVE WHERE STUDY IS ORIGINALLY STORED

Karonga (MW011)

## Metadata production

## DDI DOCUMENT ID

DDI\_TZA\_1994-2016\_ALPHA-HIV-IM\_v01\_M

## PRODUCERS

Name	Abbreviation	Affiliation	Role
Kisesa Open HIV Cohort study	Kisesa	National Institute for Medical Research	Metadata creator
Network for Analysing Longitudinal Population HIV/ AIDS data on Africa	ALPHA	London School of Hygiene and Tropical Medicine	Metadata creator
DataFirst		University of Cape Town	Metadata creator

Development Data Group	DECDG	World Bank Group	Metadata adapted for World Bank Microdata Library
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DATE OF METADATA PRODUCTION  
2022-03-31

DDI DOCUMENT VERSION

Identical to a metadata (tza-alpha-himk-1996-2016-v1) published on DataFirst microdata repository (<https://www.datafirst.uct.ac.za/dataportal/index.php/catalog>). Some of the metadata fields have been edited.

## Data Dictionary

Data file	Cases	Variables
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