

Malawi - ALPHA HIV Incidence and Mortality Data 2002-2017, Karonga

Malawi Epidemiology and Intervention Research Unit, London School of Hygiene and Tropical Medicine

Report generated on: May 28, 2026

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

Identification

SURVEY ID NUMBER

MWI_2002-2007_ALPHA-HIV-IM_v01_M

TITLE

ALPHA HIV Incidence and Mortality Data 2002-2017, Karonga

ABBREVIATION OR ACRONYM

ALPHA-HIV-IM 2002-17

COUNTRY

Name	Country code
Malawi	MWI

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 the data and conducts comparable and pooled analyses on HIV. The ALPHA HIV Incidence and Mortality Data for Karonga, Malawi, is part of the international data harmonisation and analysis programme of the ALPHA network.

ABSTRACT

This dataset is created from harmonising longitudinal population-based demographic surveillance and repeated serological survey data collected by a Health and Demographic Surveillance Study in Karonga, Malawi. The data harmonisation is coordinated by the ALPHA Network which curates individual-level data on demographic surveillance, verbal autopsy interviews, serological and sexual behaviour surveys, and individually-linked data from HDSS and medical facilities.

The data from the Karonga site in Malawi include two data files:

HIV incidence data

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 in 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 the times (ages) of last negative test and first positive test have been included in the data.

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

2017

Scope

NOTES

The data covers demographic surveillance and repeated serological survey data from the study site in Karonga, Malawi 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 Karonga demographic surveillance area in rural northern Malawi

Producers and sponsors

PRIMARY INVESTIGATORS

Name	Affiliation
Malawi Epidemiology and Intervention Research Unit	ALPHA Network
London School of Hygiene and Tropical Medicine	ALPHA Network

FUNDING AGENCY/SPONSOR

Name	Role
Wellcome Trust	Funding agency

Data collection

DATES OF DATA COLLECTION

Start	End	Cycle
2002	2017	Mortality data
2002	2011	Incidence data

DATA COLLECTION MODE

Face-to-face [f2f]

Access policy

CONTACTS

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

ACCESS CONDITIONS

Licensed access data, available under conditions

CITATION REQUIREMENTS

Malawi Epidemiology and Intervention Research Unit and London School of Hygiene and Tropical Medicine. ALPHA HIV Incidence and Mortality Data, Karonga 2002-2017 [dataset]. Version 1. Karonga and London: MEIRU and LSHTM [producers], 2017. Cape Town: DataFirst [distributors], 2022. DOI: <https://doi.org/10.25828/wcty-q497>

ACCESS AUTHORITY

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

ARCHIVE WHERE STUDY IS ORIGINALLY STORED

Karonga (MW011)

Metadata production

DDI DOCUMENT ID

DDI_MWI_2002-2007_ALPHA-HIV-IM_v01_M

PRODUCERS

Name	Abbreviation	Affiliation	Role
Malawi Epidemiology and Intervention research Unit	MEIRU	ALPHA Network	Metadata creator
London School of Hygiene and Tropical Medicine	LSHTM	ALPHA Network	Metadata creator
DataFirst		University of Cape Town	Metadata creator
Development Data Group	DECDG	The World Bank	Metadata adapted for World Bank Microdata Library

DATE OF METADATA PRODUCTION

2024-08-23

DDI DOCUMENT VERSION

Identical to a metadata (mwi-alpha-him-karonga-2002-2017-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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