



Health Inequality Data Repository

INDICATOR METADATA

HIV/AIDS (DHS Program and UNICEF Data Warehouse)

April 2023

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About

This dataset is from the [WHO Health Inequality Data Repository](#).

This dataset contains data on indicators related to HIV/AIDS disaggregated by age, economic status, education, employment status, marital status, place of residence, sex and subnational region from the [Demographic and Health Survey \(DHS\) Program](#) and the [UNICEF Data Warehouse](#).

The DHS Program collects, analyzes, and disseminates accurate and representative data on population, health, HIV/AIDS and nutrition through more than 400 surveys in over 90 countries. Data come from Demographic and Health Surveys (DHS), AIDS Indicator Surveys (AIS) and Malaria Indicator Surveys (MIS). The UNICEF Data Warehouse contains datasets of indicators related to children from a wide range of sources, including UNICEF Multiple Indicator Cluster Surveys (MICS).

Data source

DHS Program data are sourced via the DHS Program Indicator Data Application Programming Interface (API) (DHS Program; ICF International; Funded by the United States Agency for International Development (USAID); api.dhsprogram.com). These data are prefaced with "DHS Program" in the source.

UNICEF Data Warehouse data are sourced via the UNICEF SDMX API (Available from data.unicef.org/sdmx-api-documentation). These data are prefaced with "UNICEF" in the source.

Note: Where the same data was available from both the DHS Program and the UNICEF Data Warehouse, DHS, AIS and MIS data were sourced from the DHS Program.

Methodology

In general, standard indicator definitions were adopted, as published in DHS, MICS and RHS documentation. Indicators are calculated by the DHS Program as per the methodologies outlined in the [Guide to DHS Statistics](#). UNICEF produces [Indicator Profiles](#) for each indicator, which detail the original data source and calculation methodologies.

Dataset metadata

Date of first publication	April 2023
Date of updated publication	n/a
Expected frequency of update	Annual
Date of data extraction	DHS Program: 27 February 2023 UNICEF: 09 December 2022
Temporal coverage	1999–2021
Spatial coverage	Global
Spatial granularity	National
Number of countries	111

Number of indicators	19
Number of dimensions of inequality	8

Inequality dimensions

The **age** dimension refers to the respondent's current age.

Economic status was determined using a wealth index. Country-specific indices were based on owning selected assets and having access to certain services and constructed using principal component analysis. For wealth quintiles, within each country the index was divided into five equal subgroups that each account for 20% of the population. Note that certain indicators have denominator criteria that do not include all households and/or are more likely to include households from a specific quintile; thus the quintile share of the population for a given indicator may not equal 20%.

Education refers to the highest level of schooling attained.

Employment status refers to whether the respondent was employed or unemployed.

Marital status refers to the self-reported current status of marriage or cohabitation of the respondent (men or women). The definition of a consensual union may vary between countries. Female respondents are asked "Are you currently married or living together with a man as if married?" and if the answer is no, they are asked "Have you ever been married or lived together with a man as if married?" Women that respond yes to the latter question are asked "What is your marital status now: widowed, divorced, or separated?" Marital status is typically reported in three subgroups: Never married, currently married or in union, or divorced, separated or widowed. Marital status for men is collected and presented in the same way as for women.

For **place of residence** and **subnational region**, country-specific criteria were applied.

Sex refers to the reported sex (male or female) of the respondent.

Disclaimer

The estimates presented may differ from, and should not be regarded as, the official national statistics of individual WHO Member States or official WHO estimates.

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UNICEF Data Warehouse data are 'open data' that are freely available without restrictions from copyright, patents or other mechanisms of control (<https://data.unicef.org/open-data/>).

Indicator metadata

Indicator name	Disaggregation	Definition / Further information	Notes
Accepting attitudes towards those living with HIV - Composite of 4 components (%)	Age Economic status Education Marital status Place of residence Subnational region	DHS Program metadata	Sourced from DHS Program API.
Accepting attitudes - Would buy fresh vegetables from a shopkeeper with AIDS (%)	Age Economic status Education Marital status Place of residence Subnational region	DHS Program metadata	Sourced from DHS Program API.
Comprehensive correct knowledge about AIDS (%)	Age Economic status Education Marital status Place of residence Subnational region	DHS Program metadata	Sourced from DHS Program API.
Comprehensive correct knowledge about AIDS among young people (%)	Age Economic status Education Marital status Place of residence Subnational region	DHS Program metadata UNICEF Indicator Profile	Sourced from DHS Program API and the UNICEF Data Warehouse. Where DHS/AIS/MIS data were available in both sources, they were sourced from the DHS Program.
Condom use at last higher risk sex (with a non-marital, non-cohabiting partner) (%)	Age Economic status Education Marital status Place of residence Subnational region	DHS Program metadata	Sourced from DHS Program API.
Discriminatory attitudes towards people living with HIV (%)	Age Economic status Education Marital status	DHS Program metadata UNICEF Indicator Profile	Sourced from DHS Program API and the UNICEF Data Warehouse. Where DHS/AIS/MIS data were

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Indicator name	Disaggregation	Definition / Further information	Notes
	Place of residence Subnational region		available in both sources, they were sourced from the DHS Program.
HIV prevalence (%)	Age Economic status Education Marital status Place of residence Subnational region	DHS Program metadata	Sourced from DHS Program API.
HIV prevalence among young people	Age Economic status Education Marital status Place of residence Subnational region	DHS Program metadata	Sourced from DHS Program API.
People ever tested for HIV (%)	Age Economic status Education Marital status Place of residence Subnational region	DHS Program metadata	Sourced from DHS Program API.
People ever tested for HIV and received test results (%)	Age Economic status Education Marital status Place of residence Subnational region	DHS Program metadata	Sourced from DHS Program API.
People tested for HIV in the last 12 months and received test results (%)	Age Economic status Education Marital status Place of residence Subnational region	DHS Program metadata	Sourced from DHS Program API.
People reporting an STI (%)	Age Economic status Education	DHS Program metadata	Sourced from DHS Program API.

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Indicator name	Disaggregation	Definition / Further information	Notes
	Marital status Place of residence Subnational region		
Pregnant women counselled for HIV, tested for HIV and received results (%)	Age Economic status Education Marital status Place of residence Subnational region	DHS Program metadata	Sourced from DHS Program API.
Pregnant women tested for HIV during ANC or labor and receiving the results (%)	Age Economic status Education Marital status Place of residence Subnational region	DHS Program metadata	Sourced from DHS Program API.
Young people (aged 15-24 years) ever tested for HIV and received test results (%)	Age Economic status Education Marital status Place of residence Subnational region	DHS Program metadata UNICEF Indicator Profile	Sourced from DHS Program API and the UNICEF Data Warehouse. Where DHS/AIS/MIS data were available in both sources, they were sourced from the DHS Program.
Young people (aged 15-24 years) ever tested for HIV in the last 12 months and received test results (%)	Age Economic status Education Marital status Place of residence Subnational region	DHS Program metadata UNICEF Indicator Profile	Sourced from DHS Program API and the UNICEF Data Warehouse. Where DHS/AIS/MIS data were available in both sources, they were sourced from the DHS Program.
Young people (aged 15-24 years) using a condom at last sexual intercourse (%)	Age Economic status Education Marital status Place of residence Subnational region	DHS Program metadata UNICEF Indicator Profile	Sourced from DHS Program API and the UNICEF Data Warehouse. Where DHS/AIS/MIS data were available in both sources, they were sourced from the DHS Program.

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Indicator name	Disaggregation	Definition / Further information	Notes
Young people (aged 15-24 years) using a condom at last sexual intercourse (with a non-marital, non-cohabiting partner) (%)	Age Economic status Education Marital status Place of residence Subnational region	DHS Program metadata UNICEF Indicator Profile	Sourced from DHS Program API and the UNICEF Data Warehouse. Where DHS/AIS/MIS data were available in both sources, they were sourced from the DHS Program.
Young people (aged 15-24 years) who know a place to get tested for HIV (%)	Age Economic status Education Marital status Place of residence Subnational region	UNICEF Indicator Profile	Sourced from UNICEF Data Warehouse.