



Health Inequality Data Repository

INDICATOR METADATA

HIV epidemiological estimates (UNAIDS)

October 2024

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About

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

This dataset contains data on HIV indicators related to new infections, deaths and treatment disaggregated by age, subnational region and sex.

Data source

Data are derived from UNAIDS annual estimates, available via AIDInfo at <https://aidsinfo.unaids.org>.

Methodology

Methods used to calculate HIV incidence, mortality and treatment indicators can be found here: https://www.unaids.org/en/dataanalysis/knownyourresponse/HIVdata_estimates.

Dataset metadata

Date of first publication	April 2023
Date of updated publication	October 2024
Expected frequency of update	Annual
Date of data extraction	02 September 2024
Temporal coverage	2000–2023
Spatial coverage	Global
Spatial granularity	National
Number of countries, territories or areas	174
Number of indicators	8
Number of dimensions of inequality	3

Inequality dimensions

Depending on the indicator, **age** is divided into two subgroups (0-14 and 15+), three subgroups (15-24, 25-49, 50+) or four subgroups (0-14, 15-24, 25-49 and 50+).

Sex (male and female).

Subnational region disaggregation is country-specific.

Disclaimer

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

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Indicator metadata

Indicator name	Disaggregation	Definition / Further information	Notes
AIDS-related mortality (deaths per 1000 population)	Age Age & Sex	Total number of people who have died from AIDS-related causes per 1000 population <u>Numerator</u> : Number of people dying from AIDS-related causes during calendar year <u>Denominator</u> : Total population regardless of HIV status	
HIV incidence (new infections per 1000 uninfected population)	Age Age & Sex Subnational region	The number of new HIV infections per 1000 uninfected population at risk in a given time period <u>Numerator</u> : Number of new HIV infections <u>Denominator</u> : Uninfected population (total population minus people living with HIV)	
HIV prevalence (%)	Age Age & Sex Subnational region	The percentage of people living with HIV in a given time period <u>Numerator</u> : Number of people who test positive for HIV <u>Denominator</u> : Total population	
People living with HIV on antiretroviral therapy (%)	Age Sex	Percentage of people on antiretroviral therapy among all people aged 15 years and older living with HIV at the end of the reporting period <u>Numerator</u> : Number of people on antiretroviral therapy at the end of the reporting period <u>Denominator</u> : Estimated number of people living with HIV (to determine treatment coverage)	Sex disaggregation based on population aged 15+ years.
People living with HIV who are on antiretroviral therapy and have suppressed viral load (%)	Age Sex	Percentage of people living with HIV who are on antiretroviral therapy and have suppressed viral loads at the end of the reporting period <u>Numerator</u> : Number of people living with HIV in reporting period who are on treatment and have suppressed viral loads (< 1000 copies/mL) <u>Denominator</u> : Estimated number of people living with HIV who are on treatment	Sex disaggregation based on population aged 15+ years.
People living with HIV who know their HIV-positive status (%)	Age Sex	Percentage of people aged 15 years and older living with HIV who know their HIV-positive status at the end of the reporting period <u>Numerator</u> : Number of people aged 15 years and older living with HIV who know their HIV-positive status	Sex disaggregation based on population aged 15+ years.

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		<u>Denominator</u> : Number of people aged 15 years and older living with HIV	
People living with HIV who know their HIV-positive status and are on antiretroviral therapy (%)	Age Sex	<p>Percentage of people aged 15 years and older living with HIV who know their HIV-positive status and are on antiretroviral therapy at the end of the reporting period</p> <p><u>Numerator</u>: Number of people aged 15 years and older living with HIV who know their HIV-positive status and are on treatment</p> <p><u>Denominator</u>: Number of people aged 15 years and older living with HIV</p>	Sex disaggregation based on population aged 15+ years.
People living with HIV with suppressed viral load (%)	Age Sex	<p>Percentage of people living with HIV who have suppressed viral loads at end of reporting period</p> <p><u>Numerator</u>: Number of people living with HIV in reporting period who have suppressed viral loads (< 1000 copies/mL)</p> <p><u>Denominator</u>: Estimated number of people living with HIV</p>	Sex disaggregation based on population aged 15+ years.