Joint United Nations Programme on HIV/AIDS (UNAIDS)

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Contents

Summary

The **Joint United Nations Programme on HIV/AIDS (UNAIDS)** is a global partnership that leads and coordinates international efforts to end HIV/AIDS as a public health threat. Established in 1996, it brings together 11 UN agencies to respond to the HIV/AIDS epidemic. UNAIDS plays a pivotal role in maintaining global solidarity, reducing stigma and discrimination, and promoting sustainable development goals related to health. The data is located under "Epidemic and Response" on the homepage of UNAIDS, where users can access data for each indicator through "Data Sheets". Last updated in May of 2025.
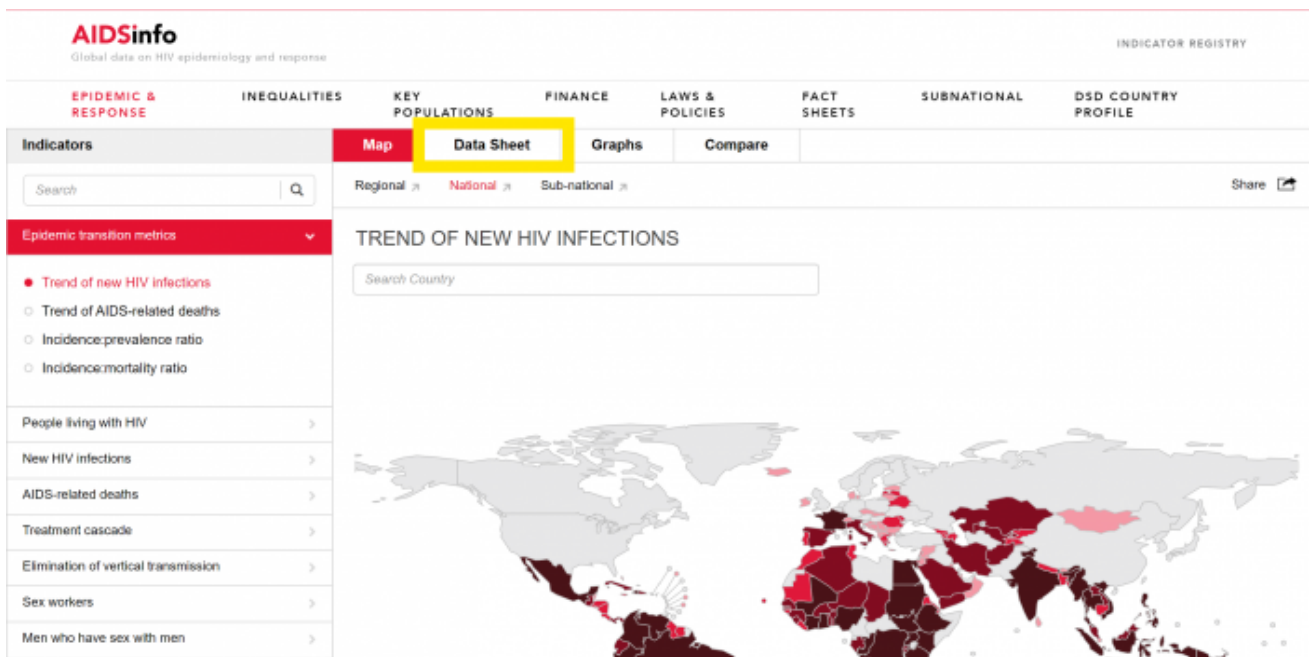
Tables in IFs

The following 6 tables in IFs are pulled from UNAIDS.

Variable	Definition	Formula	Name In Source	UsedInPreprocessor	UsedInPreprocessorFileName
SeriesHealthUNAIDSTotalHIVHighEst	High estimate of nuber of people living with HIV	/1,000,000	People living with HIV - All ages	1	POPULATION
HealthUNAIDSTotalHIVMidEst	Mid-range estimate of number of total population with HIV	/1,000,000	People living with HIV - All ages	1	POPULATION
HealthUNAIDSTotalHIVLowEst	Low estimate of number of total population living with HIV	/1,000,000	People living with HIV - All ages	1	POPULATION
HealthUNAIDSDeathsLowEst	Low estimate of number of deaths from AIDS	/1,000,000	AIDS-related deaths - All ages	1	POPULATION
HealthUNAIDSDeathsHighEst	High estimate of number of deaths from AIDS	/1,000,000	AIDS-related deaths - All ages	1	POPULATION
HealthUNAIDSARTCoverMidEst	Mid-range estimate antiretroviral therapy coverage (%)	/100	People living with HIV receiving ART (%)	1	HEALTH

Data Pulling Instructions

1. Go to this site: https://aidsinfo.unaids.org/ and click on Epidemic and Responses
2. Then in the indicator search bar, search up the indicators you need.
3. The data sheets you will need are under "Data Sheet." You can either export a CSV or XLS file. For this update, **CSV** files were used.

4. This is what the data will look like upon downloading the CSV file from UNAIDS.

Country	2010	2010_lower	2010_upper	2010_Footnote	2011	2011_lower	2011_upper	2011_Footnote
Afghanistan	<1000	<500	1800		<1000	<500	2100	
Albania	<100	<100	<100		<100	<100	<200	
Algeria	1200	1100	1300		1200	1100	1300	
Angola	28 000	24 000	34 000		28 000	24 000	34 000	
Argentina	5700	5100	6300		5700	5100	6300	
Armenia	<500	<500	<500		<500	<500	<500	
Australia	1100	1100	1100		1100	1100	1100	
Austria	...	...	...	Estimates were not available at the time of publication.	...	...	...	Estimates were not available at t
Azerbaijan	<1000	<1000	<1000		<1000	<1000	<1000	
Bahamas	<200	<200	<200		<200	<200	<200	
Bahrain	...	...	...	Estimates were not available at the time of publication.	...	...	...	Estimates were not available at t
Bangladesh	<1000	<1000	<1000		1000	<1000	1000	
Barbados	<100	<100	<200		<100	<100	<200	
Belarus	2500	2000	3200		2500	1900	3200	

5. Each file will have four types of data for the years: 2010 2010_lower 2010_upper. The year in the numerical format (2010) is the mid range estimate. The year_upper is the high estimate number and the year_lower is the low estimate number. This is how we will organize the data for the respective series. **Make sure to delete the footnote column.**

6. It is imperative that all symbols are removed from the file (this includes <, > signs, ... that acts as NULLs,) so that the data can import properly.

7. **To pull the following tables:**
   1. SeriesHealthUNAIDSTotalHIVHighEst
   2. HealthUNAIDSTotalHIVMidEst
   3. HealthUNAIDSTotalHIVLowEst
      1. Search "People living with HIV - All ages" in the bar.
      2. For these tables, the unit is Millions. Divide the data in the excel by /1,000,000 to get the correct unit.

8. **To pull the following tables:**
   1. HealthUNAIDSDeathsLowEst
   2. HealthUNAIDSDeathsHighEst
      1. Search "AIDS-related deaths - All ages" in the bar.
      2. For these tables, the unit is Millions. Divide the data in the excel by /1,000,000 to get the correct unit.

9. **To pull the following table:**
    1. HealthUNAIDSARTCoverMidEst
        1. Search "People living with HIV receiving ART" in the bar.
        2. For these tables, the unit is percent in decimal form. Divide the data in the excel by /100 to get the correct unit.

Notes

1. Blending will be imperative as some of the data from countries was not included in the latest update of their data.
2. "UNAIDS changes their data because they incorporate new surveillance and program data into their models each year"
3. If the data is downloaded into a **XLS** file, the sheet will be formatted with LowEst, MidEst, and HighEst in the same cells. Visit this GitHub repository for a python script to separate the data into their own sheets: https://github.com/fr3nch1/Automations/blob/main/%23%20Data%20Separation%20Script .py

This page was last edited on 15 August 2025, at 16:07.