



<b>Abbreviated name</b>	HIV incidence rate
<b>Indicator name</b>	HIV incidence (per 1000 population)
<b>Domain</b>	Health status
<b>Subdomain</b>	Infectious disease
<b>Associated terms</b>	Morbidity
<b>Definition</b>	Number of new HIV infections per 1000 uninfected population. The incidence rate is the number of new cases per population at risk in a given time period.
<b>Numerator</b>	Number of new HIV infections.
<b>Denominator</b>	Uninfected population (which is the total population minus people living with HIV).
<b>Disaggregation/ additional dimension</b>	General population, Key populations (men who have sex with men, sex workers, people who inject drugs, transgender people, prisoners), Age groups (0–14, 15–24, 15–49, 50+ years), for key populations < 25, 25+ years), mode of transmission for children (including mother-to-child transmission), geographic location, sex
<b>Method of measurement</b>	Longitudinal data on individuals are the best source of data but are rarely available for large populations. Special diagnostic tests in surveys or from health facilities can be used to obtain data on HIV incidence. In generalized epidemics, prevalence among very young age groups can be reviewed as a proxy for or a data source for triangulating incidence. HIV incidence can also be modelled (e.g. using the Spectrum software).
<b>Method of estimation</b>	Modelling is often used to obtain an estimate of new infections. Prevalence data are the main input data.
<b>Measurement frequency</b>	Survey schedule; Spectrum model estimates updated every year
<b>Monitoring and evaluation framework</b>	Impact
<b>Preferred data sources</b>	Household or key population survey with HIV incidence-testing, Spectrum modelling
<b>Other possible data sources</b>	Regular surveillance system among key populations
<b>Further information and related links</b>	<p>Consolidated Strategic Information Guidelines for HIV in the Health Sector. Geneva: World Health Organization; 2015 (<a href="http://apps.who.int/iris/bitstream/10665/164716/1/9789241508759_eng.pdf?ua=1">http://apps.who.int/iris/bitstream/10665/164716/1/9789241508759_eng.pdf?ua=1</a>, accessed 10 June 2015).</p> <p>Framework of actions for the follow-up to the Programme of Action of the International Conference on Population and Development beyond 2014. Report of the Secretary-General. New York (NY): United Nations; 2014 (<a href="https://www.unfpa.org/webdav/site/global/shared/documents/ICPD/Framework%20of%20action%20for%20the%20follow-up%20to%20the%20PoA%20of%20the%20ICPD.pdf">https://www.unfpa.org/webdav/site/global/shared/documents/ICPD/Framework%20of%20action%20for%20the%20follow-up%20to%20the%20PoA%20of%20the%20ICPD.pdf</a>, accessed 19 August 2014).</p> <p>Global AIDS response progress reporting 2014: construction of core indicators for monitoring the 2011 United Nations political declaration on HIV/AIDS. Geneva: Joint United Nations Programme on HIV/AIDS; 2014 (<a href="http://www.unaids.org/en/media/unaids/contentassets/documents/document/2014/GARPR_2014_guidelines_en.pdf">http://www.unaids.org/en/media/unaids/contentassets/documents/document/2014/GARPR_2014_guidelines_en.pdf</a>, accessed 29 March 2015).</p> <p>Indicators for monitoring the Millennium Development Goals: definitions, rationale, concepts and sources. New York (NY): United Nations; 2012 (<a href="http://mdgs.un.org/unsd/mi/wiki/MainPage.aspx">http://mdgs.un.org/unsd/mi/wiki/MainPage.aspx</a>, accessed 29 March 2015).</p> <p>Next generation indicators reference guide: planning and reporting. Version 1.2. Washington (DC): The President's Emergency Plan for AIDS Relief; 2013 (<a href="http://www.pepfar.gov/documents/organization/206097.pdf">http://www.pepfar.gov/documents/organization/206097.pdf</a>, accessed 29 March 2014).</p> <p>Spectrum software. Glastonbury (CT): Avenir Health. (<a href="http://www.avenirhealth.org/software-spectrum.php">http://www.avenirhealth.org/software-spectrum.php</a>, accessed 29 March 2015).</p> <p>The UNFPA Strategic Plan, 2014–2017. Report of the Executive Director. New York (NY): United Nations Population Fund; 2013.</p> <p>World Health Assembly governing body documentation: official records. Geneva: World Health Organization (<a href="http://apps.who.int/gb/or/">http://apps.who.int/gb/or/</a>, accessed 29 March 2015).</p>