



Abbreviated name	HIV viral load suppression
Indicator name	HIV viral load suppression
Domain	Service coverage
Subdomain	Infectious disease
Associated terms	HIV
Definition	Percentage of people on ART who are virologically suppressed (VL level \leq 1000 copies/mL).
Numerator	Number of adults and children living with HIV and on ART who have a suppressed viral load ($<$ 1000 copies/mL).
Denominator	Total number of adults on ART in the past 12 months.
Disaggregation/ additional dimension	Age: 1. Minimum for paper-based (routine): <15 , $15+$; 2. Annual data extraction of disaggregated data if not reported routinely: <5 , $5-9$, $10-14$, $15-19$, $20-24$, $25-49$, $50+$; 3. Electronic system: 5-year age groups Sex
Method of measurement	Viral load data recorded in patient records and reported through facilities. If there are representative surveys collecting viral load data among people living with HIV and those on ART, the survey values can be used. Nationally representative surveys of acquired drug resistance also provide information on viral suppression. ¹⁰
Method of estimation	If a viral load measure is not available from a sufficiently representative sample of people living with HIV who are on ART, the level of viral load suppression among those on ART but without a viral load measurement in the past 12 months needs to be estimated. Estimates can be derived on the basis of characteristics among those without a viral load measure and their expected viral load suppression.
Measurement frequency	Annual
Monitoring and evaluation framework	Outcome
Preferred data sources	Routine facility information systems
Other possible data sources	Cross-sectional population-based survey
Further information and related links	Consolidated Strategic Information Guidelines for HIV in the Health Sector. Geneva: World Health Organization; 2015 (http://apps.who.int/iris/bitstream/10665/164716/1/9789241508759_eng.pdf?ua=1 , accessed 10 June 2015). 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 (http://www.unaids.org/en/media/unaids/contentassets/documents/document/2014/GARPR_2014_guidelines_en.pdf , accessed 29 March 2015).

¹⁰ Acquired HIVDR Survey (http://www.who.int/hiv/pub/drugresistance/acquired_drugresistance/en/).