



## Malaria incidence rate

<b>Abbreviated name</b>	Malaria incidence rate
<b>Indicator name</b>	Malaria incidence rate (per 1000 population)
<b>Domain</b>	Health status
<b>Subdomain</b>	Infectious disease
<b>Associated terms</b>	Morbidity
<b>Definition</b>	Number of confirmed reported malaria cases per 1000 persons per year.
<b>Numerator</b>	Number of suspected malaria cases confirmed by either microscopy or rapid diagnostic test.
<b>Denominator</b>	Population at risk (number of people living in areas where malaria transmission occurs).
<b>Disaggregation/ additional dimension</b>	Age, place of residence, season (year and month)
<b>Method of measurement</b>	Confirmed by microscopy or rapid diagnostics test.  Microscopy: The number of cases confirmed by microscopy, including both inpatients and outpatients of all ages. Also includes cases detected by both active and passive case detection, but excludes cases detected in the community.  Rapid diagnostic tests: The number of cases confirmed by rapid diagnostic tests, including both inpatients and outpatients of all ages. Also includes cases detected by both active and passive case detection, but excludes cases that are also confirmed by microscopy or that are detected and confirmed by community-based programmes.
<b>Method of estimation</b>	WHO compiles data on reported confirmed cases of malaria, submitted by the national malaria control programmes. The denominator is estimated, using risk mapping and population data.
<b>Measurement frequency</b>	Annual
<b>Monitoring and evaluation framework</b>	Impact
<b>Preferred data sources</b>	Surveillance systems
<b>Other possible data sources</b>	
<b>Further information and related links</b>	Household Survey Indicators for Malaria Control. Measure Evaluation/Measure DHS/President's Malaria Initiative/Roll Back Malaria Partnership/UNICEF/WHO. 2013 ( <a href="http://www.malariasurveys.org/documents/Household%20Survey%20Indicators%20for%20Malaria%20Control.pdf">http://www.malariasurveys.org/documents/Household%20Survey%20Indicators%20for%20Malaria%20Control.pdf</a> , accessed 15 April 2015).  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).  Roll Back Malaria Partnership/WHO. Disease surveillance for malaria control: an operations manual. Geneva: World Health Organization; 2012 ( <a href="http://www.who.int/malaria/publications/atoz/9789241503341/en/">http://www.who.int/malaria/publications/atoz/9789241503341/en/</a> , accessed 29 March 2015).  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).  World health statistics 2014. Geneva: World Health Organization; 2014 ( <a href="http://apps.who.int/iris/bitstream/10665/112738/1/9789240692671_eng.pdf?ua=1">http://apps.who.int/iris/bitstream/10665/112738/1/9789240692671_eng.pdf?ua=1</a> , accessed 29 March 2015).