



ISSUE BRIEF

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Key Figures on Malaria

Extracted from the WHO World Malaria Report and
The Global Malaria Action Plan - GMAP (2008)

<p>Annual cases of malaria</p> <p style="text-align: right; font-size: small;">Most recent data: 2006</p>	<p style="text-align: right;">Globally</p> <p style="text-align: right;">Africa Asia Middle East Americas</p>	<p style="text-align: right;">247 million</p> <p style="text-align: right;">212 million 21 million 8.1 million 2.7 million</p>
<p>Annual deaths from malaria</p> <p style="text-align: right; font-size: small;">Most recent data: 2006</p>	<p style="text-align: right;">Globally</p> <p style="text-align: right;">Africa Middle East Asia Americas</p> <p style="text-align: center;">"Nearly one million deaths, mostly children of under 5 years"</p>	<p style="text-align: right;">881,000</p> <p style="text-align: right;">801,000 38,000 36,000 3,000</p>
<p>Figures on malaria deaths</p>	<ul style="list-style-type: none"> ▪ 91% of deaths in Africa ▪ 4 % of deaths in South-East Asia region (esp. India) ▪ 4 % of deaths in Eastern Mediterranean region (especially Sudan) 	
<p>Population at risk</p>	<p>3.3 billion "Half of the world population"</p>	
<p>Number of countries affected</p>	<p>109</p> <p>35 countries (30 in sub-Saharan Africa and 5 in Asia) account for 98% of global malaria deaths</p>	
<p>Child mortality from malaria</p>	<p>85 % of deaths in children under 5 years old</p>	

Top five countries for malaria numbers <small>Most recent data: 2006</small>	Nigeria DR Congo Ethiopia United Republic of Tanzania Kenya	57,506,000 23,620,000 12,405,000 11,540,000 11,342,000
Top five countries for malaria deaths <small>Most recent data: 2006</small>	Nigeria DR Congo Uganda Ethiopia United Republic of Tanzania	225,424 96,113 43,490 40,963 38,730
Required health expenditure	15 % of national budget 'Abuja Declaration 2000'	
Economic cost	<ul style="list-style-type: none"> ▪ USD 12 billion per year in direct losses in Africa ▪ Loss of 1.3% of GDP growth per year for Africa ▪ For Nigeria alone the direct loss to the economy is estimated at GBP 530 million 	
Burden	35.4 million Disability Adjusted Life Years (DALY) (in sub-Saharan Africa)	
Cost per DALY averted	USD 2 - 24 (sub-Saharan Africa) 'The only health intervention that is more cost effective than malaria is childhood immunization'	
Cost of malaria	<ul style="list-style-type: none"> ▪ Around 40 % of public health spending (in sub-Saharan Africa) ▪ 20 - 50% of inpatient admissions ▪ Up to 50% of outpatient visits 	
Average household spending	<ul style="list-style-type: none"> ▪ Over 10% of yearly spending in Africa ▪ Direct costs USD 0.41 in Malawi, USD 7.38 in Ghana 	
Financial need to tackle malaria <small>Most recent data: 2008</small>	2009 2010 2011-2020	USD 5.3 billion USD 6.2 billion USD 5.1 billion (average)
Annual funding <small>Most recent data: 2008</small>	2007 Funding gap	USD 1.1 billion USD 4.3 billion
Required investment in research	Total for 10 years	USD 8.9 billion
Current level of coverage	Treatment Nets Diagnostics	100 million 66 million 16 million rapid diagnostics tests delivered in 2006 among which 11 million in Africa

<p>Required coverage by 2010</p> <p style="text-align: right;">Most recent data: 2008</p>	<ul style="list-style-type: none"> ▪ Protective nets: 730 million LLINs (long-lasting insecticidal nets) (350 million in Africa) ▪ Indoor spraying with insecticide: 172 million households need annual spraying. ▪ Preventive treatment for pregnant women: 25 million pregnant women annually. ▪ Diagnostic tests: 1.5 billion annually. ▪ Drugs: 228 million doses of ACTs are needed to treat <i>P. falciparum</i> annually; additional 19 million doses of chloroquine and primaquine are needed annually for <i>P.vivax</i>. 												
<p>Impact of full coverage</p>	<ul style="list-style-type: none"> ▪ Up to an estimated 4.2 million lives could be saved by 2015 in the 20 highest burden African countries alone. 												
<p>Malaria and humanitarian crises</p>	<ul style="list-style-type: none"> ▪ Up to 30% of malaria deaths in Africa occur in the wake of war, local violence or natural disasters. 												
<p>MDGs that could be impacted by addressing malaria problem</p>	<ul style="list-style-type: none"> ▪ MDG 1 – Eradicating extreme poverty and hunger ▪ MDG 2 – Achieve universal primary education ▪ MDG 4 – Reduce child mortality ▪ MDG 5 – Improve maternal health ▪ MDG 6 – Combat HIV/AIDS, malaria, other diseases ▪ MDG 8 – global partnerships for development and access to affordable drugs 												
<p>Average costs of interventions</p> <p style="text-align: right;">Most recent data: 2008</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Mosquito net Insecticide-treated mosquito net (LLIN), long lasting protection, for use by two people, incl. delivery</td> <td style="text-align: right; padding: 5px;">USD 6.40</td> </tr> <tr> <td style="padding: 5px;">Indoor spraying Indoor residual sparying (IRS), protecting one house, effective 3-6 months, incl. labour costs</td> <td style="text-align: right; padding: 5px;">USD 7.50</td> </tr> <tr> <td style="padding: 5px;">Malaria test One rapid diagnostic test (RDT), single use</td> <td style="text-align: right; padding: 5px;">USD 0.99</td> </tr> <tr> <td style="padding: 5px;">Antimalarial medicine: adult Artemisinin-based combination therapy (ACT), treatment for one adult, incl. delivery</td> <td style="text-align: right; padding: 5px;">USD 1.99</td> </tr> <tr> <td style="padding: 5px;">Antimalarial medicine: child Artemisinin-based combination therapy (ACT), treatment for one child (less than 20kg), incl. delivery</td> <td style="text-align: right; padding: 5px;">USD 0.99</td> </tr> <tr> <td colspan="2" style="text-align: center; padding: 5px;">All prices indicative as of 2009 /2010 Some conditions apply. Source: GMAP</td> </tr> </table>	Mosquito net Insecticide-treated mosquito net (LLIN), long lasting protection, for use by two people, incl. delivery	USD 6.40	Indoor spraying Indoor residual sparying (IRS), protecting one house, effective 3-6 months, incl. labour costs	USD 7.50	Malaria test One rapid diagnostic test (RDT), single use	USD 0.99	Antimalarial medicine: adult Artemisinin-based combination therapy (ACT), treatment for one adult, incl. delivery	USD 1.99	Antimalarial medicine: child Artemisinin-based combination therapy (ACT), treatment for one child (less than 20kg), incl. delivery	USD 0.99	All prices indicative as of 2009 /2010 Some conditions apply. Source: GMAP	
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