

UGANDA

April 2012



At a Glance: Uganda

Population (2012): 35.8 million¹

Population at risk of malaria (2010): 100%²

Estimated annual malaria deaths/100,000 population (2008): 103³

Under-five mortality rate (2011): 90/1,000 live births, or approximately 1 in 11 children die before their fifth birthday⁴

¹ US Census Bureau, International Data Base 2012

² WHO World Malaria Report 2011

³ WHO World Health Statistics 2011

⁴ Demographic and Health Survey (DHS) 2011

Background

In Uganda, malaria is the leading cause of morbidity and mortality, accounting for 25 to 40 percent of outpatient visits to health facilities, 15 to 20 percent of all hospital admissions, and 9 to 14 percent of all hospital deaths. Nearly half of inpatient deaths among children under the age of five are attributed to malaria. In most parts of Uganda, temperature and rainfall allow stable, year-round malaria transmission at high levels with relatively little seasonal variability.

The President's Malaria Initiative (PMI)

Uganda is one of 19 focus countries benefiting from the President's Malaria Initiative (PMI), which is led by the U.S. Agency for International Development and implemented together with the U.S. Centers for Disease Control and Prevention. PMI was launched in 2005 as a five-year (fiscal year [FY] 2006–2010), \$1.265 billion expansion of U.S. Government resources to reduce the burden of malaria and help relieve poverty on the African continent. The 2008 Lantos-Hyde Act authorized an extension of PMI funding through FY 2013. With congressional authorization and the subsequent launch of the U.S. Government's Global Health Initiative, PMI's goal was expanded to achieve Africa-wide impact by halving the burden of malaria in 70 percent of the at-risk populations on the continent (i.e., approximately 450 million residents), thereby removing malaria as a major public health problem and promoting development throughout the African region.

To reach its goal, PMI works with national malaria control programs and coordinates its activities with national and international partners, including the Roll Back Malaria Partnership; The Global Fund to Fight AIDS, Tuberculosis and Malaria; the World Health Organization (WHO); the World Bank; the U.K. Department for International Development; numerous nongovernmental organizations, including faith-based and community groups; and the private sector.

Key Interventions

In line with Uganda's national malaria control strategy, PMI supports four major malaria prevention and treatment measures:

- [Insecticide-treated mosquito nets \(ITNs\)](#)
- [Indoor residual spraying \(IRS\)](#)
- [Intermittent preventive treatment for pregnant women \(IPTp\) with sulfadoxine-pyrimethamine \(SP\)](#)
- [Diagnosis with rapid diagnostic tests \(RDTs\) or microscopy and treatment with artemisinin-based combination therapy \(ACT\)](#)

Progress to Date

The table below shows key results from household surveys.

| Uganda Malaria Indicators | PMI Baseline (DHS 2006) | MIS 2009 | DHS 2011 ¹ |
|--|-------------------------|----------|-----------------------|
| All-cause under-five mortality rate | 137/1,000 | - | 90/1,000 |
| Proportion of households with at least one ITN | 16% | 47% | 60% |
| Proportion of children under five years old who slept under an ITN the previous night | 10% | 33% | 43% |
| Proportion of pregnant women who slept under an ITN the previous night | 10% | 44% | 47% |
| Proportion of women who received two or more doses of IPTp during their last pregnancy in the last two years | 16% | 32% | 25% |

¹ Preliminary report

Uganda is in its seventh year as a PMI focus country. With support from PMI and its partners, malaria control interventions are being implemented, and vital commodities are being distributed to vulnerable populations.

| PMI Contributions ^{1,2} | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | Cumulative |
|--|---------|-----------|-----------|-----------|-----------|-----------|------------------|
| IRS: Houses sprayed | 103,329 | 446,117 | 575,903 | 567,035 | 878,875 | 908,627 | n/a ³ |
| IRS: Residents protected | 488,502 | 1,865,956 | 2,211,388 | 2,262,578 | 2,794,839 | 2,839,173 | n/a ³ |
| ITNs procured | 376,444 | 1,132,532 | 480,000 | 765,940 | 1,009,000 | 709,000 | 3,763,916 |
| ITNs distributed | 305,305 | 683,777 | 999,894 | 651,203 | 294,139 | 221,325 | 3,152,466 |
| ITNs sold with PMI marketing support | 586,284 | 932,033 | 1,115,074 | 281,955 | 0 | 0 | 2,915,346 |
| ITNs procured by other donors and distributed with PMI support | - | 369,900 | 0 | 0 | 2,431,815 | 125,017 | 2,810,732 |
| ACTs procured | 261,870 | 0 | 1,140,480 | 0 | 2,085,120 | 2,085,120 | 3,487,470 |
| ACTs distributed | 227,827 | 0 | 0 | 1,140,480 | 0 | 545,310 | 1,913,617 |
| ACTs procured by other donors and distributed with PMI support | - | 8,709,140 | 112,330 | 4,459,918 | 0 | 0 | 13,281,388 |
| RDTs procured | 0 | 0 | 0 | 0 | 1,309,000 | 1,346,650 | 1,330,650 |
| RDTs distributed | 0 | 0 | 0 | 0 | 34,000 | 296,985 | 295,055 |
| SP treatments procured | 0 | 0 | 18,333 | 72,666 | 39,367 | 26,666 | 144,366 |
| SP treatments distributed | 0 | 0 | 2,556 | 45,780 | 40,063 | 26,666 | 107,270 |
| Health workers trained in treatment with ACTs | 2,844 | 12,637 | 9,159 | 1,356 | 0 | 485 | n/a ⁴ |
| Health workers trained in malaria diagnosis | - | 0 | 100 | 1,115 | 941 | 1,651 | n/a ⁴ |
| Health workers trained in IPTp use | 168 | 807 | 649 | 724 | 870 | 5,341 | n/a ⁴ |

¹ The data reported in this table are up-to-date as of September 30, 2011.

² The cumulative count of commodities procured and distributed takes into account the three-month overlap between Year 5 (covering the 2010 calendar year) and Year 6 (covering the 2011 fiscal year).

³ A cumulative count of the number of houses sprayed and residents protected is not provided since some areas have been sprayed on more than one occasion.

⁴ A cumulative count of individual health workers trained is not provided since some health workers have been trained on more than one occasion.

| PMI Funding | FY 2005 Jump start funds | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | FY 2012 |
|--------------------------------|-----------------------------|---------|---------|---------|---------|---------|---------|---------|
| Budget (in millions) | \$0.5 | \$9.5 | \$21.5 | \$21.8 | \$21.6 | \$35.0 | \$34.9 | \$33.0 |

For details on FY 2012 PMI activities in Uganda, please see the **Uganda Malaria Operational Plan**:
http://www.pmi.gov/countries/mops/fy12/uganda_mop_fy12.pdf.

