

US LEADERSHIP IN THE FIGHT TO END MALARIA

MALARIA AT A GLANCE

With longstanding and strong bipartisan U.S. leadership, the world has made remarkable progress against malaria. Sustained investments in the U.S. President's Malaria Initiative and The Global Fund have helped cut the malaria mortality rate in half since 2000. But this progress is fragile. *More countries than ever are on a path to elimination, yet nearly half of the global population is still at risk of contracting the mosquito-borne disease.*



**263 MILLION
MALARIA CASES
GLOBALLY IN 2023**



**597,000 MALARIA
DEATHS
GLOBALLY IN 2023**



**THE MALARIA DEATH RATE
HAS BEEN CUT IN HALF
SINCE 2000**



**2.2 BILLION CASES PREVENTED
SINCE 2000 DUE TO
INCREASED FUNDING**



**47 COUNTRIES
HAVE ELIMINATED
MALARIA**

U.S. LEADERSHIP IN THE FIGHT TO END MALARIA

The U.S. eliminated malaria in the 1950s, and has since been a leader in the push towards global eradication. With sustained U.S. leadership, the world has cut the malaria mortality rate in half in just 25 years. With continued US support, we can **save millions of lives and eradicate this ancient disease in our lifetimes.**

HOW DO WE FIGHT MALARIA?

Tools to prevent, diagnose, and treat malaria are highly cost-effective. It costs less than \$10 to protect an entire family from this deadly disease.

MALARIA PREVENTION EXAMPLES



**INDOOR RESIDUAL
SPRAYING**



**PREVENTATIVE
MEDICINES**



**INSECTICIDE-TREATED
MOSQUITO NETS**



**MOSQUITO
CONTROL**



**MALARIA
VACCINES**

DIAGNOSIS & TREATMENT



**RAPID DIAGNOSTIC
TESTS**



**ANTI-MALARIAL
TREATMENTS**



**CASE
MANAGEMENT**

THE BENEFITS OF MALARIA INVESTMENTS:

Malaria is among the 'best buys' in global public health: **every \$1 invested in malaria interventions delivers \$36** in social and economic benefits. Strong investments in malaria programs not only save lives:

- They bolster economies, boost trade, and secure strong diplomatic relationships;
- Protect Americans who are traveling, working, or serving overseas; reduce the risk of malaria outbreaks in the U.S.; and
- Generate millions of dollars in grants and contracts for American businesses and universities.

SAVE MILLIONS OF LIVES AND UNLOCK ECONOMIC POTENTIAL

- Malaria is a leading cause of **absenteeism and lost wages** in sub-Saharan Africa.
- Economists believe that malaria is responsible for a **growth penalty of 1.3% per year** in high-burden African countries.
- Eradicating malaria could save an estimated **11 million lives** and unlock an estimated **\$2 trillion** in economic benefits.

STRENGTHEN TRADE AND DIPLOMATIC PARTNERSHIPS

- Reducing malaria by 90% by 2030 would **increase international trade by \$80.7 billion**.
- For the U.S. alone, this reduction would generate an **export boost of \$1.5 billion**.
- By 2050, Africa will be home to approximately a **quarter of the world's population**. Malaria investments foster positive diplomatic relations in some of the world's fastest-growing regions - regions where our adversaries are spreading their influence.

PROTECT AMERICANS OVERSEAS

- Malaria is a **leading disease threat to U.S. military** & diplomats serving overseas.
- In response to this threat, the Dept. of Defense has been a **global leader in malaria research**, developing many frontline malaria drugs and vaccines.
- Malaria control efforts **protect travelers and employees** of American companies who have operations in malaria-endemic countries.

INVEST IN AMERICAN BUSINESSES AND RESEARCH INSTITUTIONS

- Global health R&D drives U.S. economic growth, **supporting 600,000 American jobs** and generating over **\$104 billion in economic activity** between 2007 and 2022.
- Between 2007 and 2022, over 75% of all U.S. funding for global health R&D was **re-invested in American companies and institutions**.
- Every \$1 of global health R&D funding generates **\$8.38 in private-sector investment**.

PREVENT MALARIA OUTBREAKS AT HOME

- The U.S. imports approximately **2,000 cases** of malaria every year as a result of Americans' leisure travel, work, and deployment overseas.
- These imported cases cost the U.S. approximately **\$40 million a year**.
- The risk of malaria outbreak in the US is real: the mosquito that transmits malaria (anopheles) is **in 32 U.S. states**.
- For the first time in 20 years, the U.S. reported **locally-acquired cases of malaria** in 2023: seven cases in Florida, and one each in Texas, Arkansas, and Maryland.

TEN LOCALLY-ACQUIRED MALARIA CASES IN 2023



THE PRESIDENT'S MALARIA INITIATIVE (PMI)

Established in 2005 under President George W. Bush, PMI has played a pivotal role in significantly **reducing malaria cases and deaths across 30 partner countries**. Together with partners, PMI has **helped save 11.7 million lives and prevent 2.1 billion malaria cases since 2000**.

IN FY 2023, PMI BENEFITED MORE THAN
700 MILLION PEOPLE

Since 2006, in countries where PMI works, global efforts have supported:

28.7%

decline in malaria case rates

48.2%

decline in malaria death rates

IN 2023, PMI DELIVERED:



36.8 MILLION
mosquito nets (ITNs)
TO PROTECT:
73.6m people



4.2 MILLION
homes protected with
indoor residual spray
TO PROTECT:
15.5m people



15 MILLION
preventive treatments
in pregnancy (IPTp)
TO PROTECT:
5m pregnancies



48 MILLION
seasonal preventive
treatments (SMC)
for young children
TO PROTECT:
12m children



102.7 MILLION
rapid diagnostic tests
(RDTs)
TO PROTECT:
102.7m people



63.3 MILLION
malaria medicines
(ACTs)
TO PROTECT:
63.3m people

IN 2023, PMI FUNDED 262,390 TRAININGS FOR HEALTH WORKERS

27,013

trained on indoor
residual spraying

46,864

trained on diagnosis

32,968

trained on preventative
treatment in pregnancy

66,511

trained on clinical care

89,038

trained on seasonal
preventative treatment
for children



EXAMPLES OF PMI'S LIFESAVING WORK



PMI and the Ugandan government established the “Malaria Smart Home” program to empower households to better protect their homes from malaria.



UGANDA

Since PMI-funded programs started in Uganda in 2006, **malaria prevalence among children under five has decreased by 78%**. In 2023, PMI supported the delivery of nearly 4 million nets, 2 million doses of ACT treatment, and protected more than 3 million people thanks to indoor residual spraying. PMI has partnered with the Ugandan government on a “Malaria Smart Home” program to empower households.

CAMEROON



Since the launch of PMI in Cameroon in 2017, the **malaria mortality rate has declined by 15%**. PMI supported the delivery of more than 1.5 million rapid diagnostic tests and nearly 9 million doses of seasonal malaria chemoprevention to protect children from contracting malaria during peak transmission season.



A PMI-led entomological study in Cameroon revealed shifts in feeding habits of malaria-carrying mosquitoes, leading to adjustments in upcoming malaria prevention campaigns.



PMI supports the rollout of a seasonal malaria chemoprevention campaign in 17 Guinea districts to protect children under-5 from malaria during the peak malaria season.



GUINEA

Since Guinea became a PMI country in 2011, **malaria prevalence has decreased by 61%**. With PMI support, Guinea has significantly scaled up access to nets and preventative treatment for pregnant women. PMI helped set up 19 mobile health clinics that provide hard-to-reach communities with health services including malaria testing and treatment, screening for respiratory illnesses, and nutritional support.

MAJOR PARTNERS IN THE MALARIA FIGHT



The CDC plays a key role in monitoring the spread of malaria, both here in the US and abroad. **CDC labs are among the only facilities in the US testing for a range of parasitic diseases, while CDC works with the Department of Defense to protect more than 620,000 service members from malaria.** CDC also provides technical expertise to malaria-endemic countries and supports the development and evaluation of new malaria interventions.

Gavi is a public-private partnership that has already helped to immunize a more than a billion children and prevented almost 19 million deaths. Gavi plays an essential role in the scale-up of malaria vaccines: **17 African countries home to 70% of the global malaria burden rolled out the malaria vaccine in 2024, protecting tens of millions of children.** With continued funding, Gavi can immunize 50 million more kids against malaria by 2030.



Since launching in 2002, The Global Fund to Fight AIDS, Tuberculosis, and Malaria* has cut the combined death rate from these diseases by 61%, saving an estimated 65 million lives. With continued funding, **The Global Fund can save 23 million lives and generate more than \$300 billion in savings and economic returns by 2029.**

**The U.S. funds up to one-third of The Global Fund's total budget.*



Frontline agencies like UNICEF work in some of the most remote and vulnerable settings, implementing malaria programs on the ground in partnership with governments, The Global Fund, PMI, and others.