Malaria remains a preventable cause of serious death and illness worldwide, including in the U.S.

- **3.2 billion** people – almost half the world’s population – are at risk
- **219 million** people became ill from malaria in 2017
- **435,000** people died from malaria in 2017
- **$12 billion** per year in economic losses in Africa alone

Malaria is still a threat to Americans, travelers, military, and citizens living and working abroad. On average, **1,700 cases diagnosed** each year in the U.S.

**DEMONSTRATED SUCCESS**

Malaria’s toll would be much higher without the efforts of the U.S. Government, including CDC, and global partners.

With the massive scale-up of malaria prevention and treatment interventions:

- **Globally, almost 7 million lives** were saved since 2001 and
- **Malaria deaths in Africa** were cut by more than half
CDC’s EFFORTS
CDC provides scientific leadership and innovation to fight malaria, working hand-in-hand with Ministries of Health, other U.S. Government agencies, and partners.

- Providing scientific leadership and technical assistance to guide countries and partners
- Improving data for decision-making
- Scaling up interventions through the U.S. President’s Malaria Initiative (PMI)
- Conducting innovative research to improve diagnostics, antimalarial drugs, vaccines, tools to control mosquitoes
- Preventing and treating malaria in the U.S.

SPOTLIGHT ON KEY CDC ACTIVITIES

- Serves as the WHO Collaborating Center for Prevention and Control of Malaria and participates on advisory and technical working groups to inform and improve global programs.
- Tracks reported malaria cases to prevent re-introduction to the U.S., provides guidance to travelers, and advises physicians on prevention, diagnosis, and treatment.
- Co-implements U.S. President’s Malaria Initiative (PMI), which is led by USAID, and advises on surveillance, monitoring and evaluation, and research.
- Operates a state-of-the-art insectary to help understand mosquito behavior and how to control the spread of malaria.
- CDC’s world-renowned labs support diagnostic tools and build capacity of states and countries to diagnose malaria. Tests malaria rapid diagnostic test products from various manufacturers for compliance with standards, preferred practices for labeling, and instructions for use.
- Provides technical leadership to help eliminate malaria in Haiti and the Dominican Republic through Malaria Zero, creating a malaria-free zone across the Caribbean.

WHAT’S NEEDED?

- Continued scale up in countries hardest hit by malaria, with insecticide-treated nets, indoor spraying, effective diagnostics and treatment, and prevention in pregnant women.
- Improved surveillance systems to monitor progress and target interventions to where they are most needed.
- Monitoring and mitigation of threats from insecticide and drug resistance.
- Evaluation of new vaccines, diagnostics, and vector control tools.
- Use of targeted strategies to reduce and interrupt transmission.

FOR MORE INFORMATION
To learn more about CDC’s work to prevent, control, and eliminate malaria around the world, visit https://www.cdc.gov/malaria

U.S. Department of Health and Human Services
Centers for Disease Control and Prevention