

NEGLECTED TROPICAL DISEASES

are a group of preventable and treatable parasitic, viral, and bacterial diseases that **affect more than one billion people globally.**



Neglected tropical diseases (NTDs) cause devastating health and economic problems for the world's poorest people, trapping them in a cycle of poverty and disease. NTDs cause disability that hinders school attendance, care of families, and earning wages, and disrupt productivity and already unstable economies.

Several NTDs can be controlled or eliminated through mass drug administration (MDA) to communities or simple water filtration. MDA efforts leverage \$22 billion in donated drugs.



Lymphatic Filariasis
(Elephantiasis)



Blinding Trachoma



Onchocerciasis
(River Blindness)



Schistosomiasis
(Snail fever)



Soil Transmitted Helminths
(Hookworm, Roundworm, Whipworm)

DEMONSTRATED SUCCESS

Scale up of proven interventions has led to:

280 MILLION people no longer requiring treatment for lymphatic filariasis (LF).

114 MILLION people no longer requiring treatment for trachoma.

3.5 MILLION people no longer at risk for Guinea worm disease.

In 2012 alone, **31 COUNTRIES** have **ELIMINATED** at least **1 NTD**

CDC's EFFORTS

CDC's Division of Parasitic Diseases and Malaria translates science into action.



Researching better **laboratory surveillance tools** and making them ready for use by country programs where these diseases are being eliminated



Assisting countries with implementing their programs and using new tools



Providing global scientific leadership on NTD elimination through collaborations with World Health Organization and others

SPOTLIGHT ON KEY CDC ACCOMPLISHMENTS AND ACTIVITIES



Developed a new blood test to more easily assess trachoma transmission in a community.



Strengthen capacity in labs in Africa.



Developing lab-based surveillance strategies, including leading efforts to implement integrated surveillance to detect more than 35 parasitic, viral, and bacterial diseases from a single, small blood sample.



Providing support to American Samoa and Haiti to eliminate LF.



Using data to strengthen disease elimination efforts for LF, river blindness, and schistosomiasis.



Serves as World Health Organization centers of excellence for Guinea worm disease and blinding trachoma.

WHAT'S NEEDED?

Continue scale up of proven interventions in countries

Develop and deploy new diagnostic tools and approaches

Expand and strengthen surveillance for data-driven decision making

Target countries that are behind on LF and trachoma elimination

FOR MORE INFORMATION

To learn more about CDC's work to prevent, control, and eliminate parasitic diseases, visit www.cdc.gov/parasites

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