

Tuberculosis (TB) is the **top infectious disease killer worldwide**, CLAIMING **1.25 MILLION LIVES** EACH YEAR

CDC IS AT THE FOREFRONT OF THE GLOBAL RESPONSE TO TB.

NEARLY **2 BILLION**

may have been **infected with TB** (nearly 1/4 of the world's population).

**10.8 MILLION**

people became ill with TB disease in 2023. Of those, 1.25 million (12%) were children.

**TB ANYWHERE IS TB EVERYWHERE.**

It spreads from person to person and can move across borders. Responding to TB globally ensures a safer America and a safer world.

## WHAT IS DRIVING THE CONTINUED SPREAD OF TB?



### Missed TB

Each year, **around 25%** of people who become ill with TB remain undiagnosed and untreated. Untreated people can infect **10 to 15 additional people** per year – and **10%** of those infected go on to develop active TB in their lifetimes.



### Health Care System Gaps

Patients that are not treated effectively contribute to the **growing threat of drug-resistant TB (DR TB)**.



### HIV-associated TB

TB is the **#1 cause of death among people living with HIV** and whose **weakened immune systems** make them **more susceptible** to TB disease.



### Drug Resistant TB

TB has **grown resistant to best available drugs**. Drug resistant TB is **deadlier, costlier and harder to treat**. It's now found in every country with **400,000 new cases of MDR/ RR TB\*** in 2023.

## PROGRESS HAS BEEN MADE TOWARDS GLOBAL TARGETS FOR TB ELIMINATION AND WE URGENTLY NEED TO DO MORE TO END TB BY 2035

*More than 79 million lives have been saved since the year 2000 due to global efforts to combat TB.*

*TB response efforts yield \$40 for every \$1 invested.*

*To bend the curve on TB, the global community's resolve must be matched with action or we risk unraveling the progress we've made to date.*

# CDC'S EFFORTS

## CDC is at the forefront of innovation to end TB as a global public health threat.

CDC works with ministries of health in 42 countries with a high burden of TB to prevent, diagnose, and treat TB disease and enhance global TB response efforts. Through a unique combination of scientific and on-the-ground implementation, CDC is accelerating progress towards global TB elimination targets.



### DIAGNOSE

Expanding access to **better screening, diagnostics, and contact tracing.**

Providing training and technical support to **scale use of new and faster diagnostic tools.**

**Transforming the approach to diagnosing TB** among children, people living with HIV, (PLHIV) and other vulnerable groups.



### TREAT

Working with ministries of health to implement **high-quality TB programs** and services designed for individual communities.

Working with ministries of health to strengthen disease surveillance systems critical for **finding and curing TB.**



### PREVENT

**Identifying TB areas** to target screening efforts.

**Strengthening infection prevention and control (IPC) control programs** in health facilities and communities.

Working through PEPFAR\* to address HIV-associated TB by **providing antiretroviral treatment** and TB screening for PLHIV.

\* U.S. President's Emergency Plan for AIDS Relief



### SUSTAIN

Developing and strengthening **surveillance and laboratory systems.**

Expanding **workforce and research capacity through guidelines, mentorship, and training programs.**

**Strengthening programs** through **operational research, implementation, and evaluation.**

## CDC KEY ACCOMPLISHMENTS AND PROGRAMS

In 2024, CDC supported **TB screenings for 10.4 million people living with HIV.**

Building on PEPFAR's platform, CDC and **partners have helped over 9 million people living with HIV complete TB preventive treatment.**

CDC is scaling up novel approaches to diagnosing TB in children, **working with partners in-country to strengthen clinical and microbiological diagnosis of TB in children.**

In collaboration with Ministries of Health, CDC developed an **IPC toolkit** and implemented it in PEPFAR-supported facilities in **18 countries** in Africa, Asia, Central America, and the Caribbean.

In India, CDC and partners are **fighting DR TB** by intensifying efforts to **find missing cases, boost lab capacity, and strengthen infection control measures.**

## LOOKING TOWARDS THE FUTURE

We stand at a critical juncture, with an opportunity to elevate global leadership and commitment in the TB response. We must act now to:



**Scale up effective tools and strategies.**



**Develop new approaches including less toxic drugs and more effective diagnostics.**



**Strengthen surveillance systems, lab capacity and TB infection control measures.**



**Develop an effective vaccine.**



**Encourage greater accountability, collaboration and investments from all corners of the global health community.**

## FOR MORE INFORMATION

To learn more about CDC's work to combat TB around the world, visit [www.cdc.gov/globalhivtb](http://www.cdc.gov/globalhivtb)

