

Tuberculosis is the **world's top infectious disease killer**, CLAIMING **1.8 MILLION LIVES** EACH YEAR

TB IS AMONG THE GREATEST HEALTH THREATS WORLDWIDE



1 IN 4 PEOPLE worldwide is infected with latent TB

NEARLY 10.4 MILLION people become ill with the disease each year

TB ANYWHERE IS TB EVERYWHERE. It spreads from person to person and can move across borders

WHAT IS DRIVING THE CONTINUED SPREAD OF TB?



Missed TB

More than **40%** of all TB cases go undetected or unreported



Weak Health Care Systems

Patients are **not being treated effectively**, which contributes to the **growing threat of drug-resistant TB**



TB/HIV Co-Infection

TB is the **top killer** of people living with **HIV**, whose **weakened immune systems** make them **more susceptible** to becoming ill with TB



Multidrug-Resistant TB

Multidrug-resistant TB is now found in **every country in the world**, with **480,000 new cases** and more than **200,000 deaths** each year

WHAT'S NEEDED IN THE FIGHT AGAINST TB?

While the world has made progress against TB, we need to do even more.

49 million lives have been saved since **2000**.

But we can't win the battle against TB with only the tools we have now.

In order to achieve the ambitious goal of ending TB by 2035, the global community's resolve will need to be matched with action.

CDC'S EFFORTS

CDC is at the forefront of innovation to end TB

CDC and partners are working to find, cure, and prevent TB, through a combination of on-the-ground interventions and global leadership in research and technical expertise. Since TB is airborne and contagious, it respects no borders. That is why our efforts to fight TB both at home and abroad create a safer America and a safer world.



FIND

Implementing and strengthening use of **new diagnostic tools**

Developing **best practices** in laboratory science to **diagnose TB**

Transforming the approach to diagnosing TB among children, those living with HIV, and other at-risk groups



CURE

Improving **TB regimens**

Working closely with WHO to set the **gold standard** for **treating drug-resistant TB**

Through PEPFAR, **scaling up anti-retroviral treatment** for those co-infected with TB and HIV



PREVENT

Identifying TB hotspots to target screening efforts

Establishing best practices to **end TB transmission** in health facilities

Strengthening basic TB control programs to prevent drug-resistant strains

SPOTLIGHT ON CDC'S KEY PROGRAMS

CDC works in more than **40 high-burden countries** to to **find, cure, and prevent TB, HIV-associated TB, and drug-resistant TB.**

Over the past 6 years, CDC has led **laboratory technical support** for the global roll-out of the **rapid TB diagnostic Xpert MTB/RIF®.**

In 2015, CDC, through PEPFAR, **supported HIV treatment for more than 140,000 patients** infected with both HIV and TB.

In 2015, CDC joined USG TB leaders as a **key implementer of the White House National Action Plan** for Combatting MDR TB which charts the best course of action to **control the spread of MDR TB** around the world.

CALL TO ACTION

*The world must combat TB with the same bold determination it's applied to other major diseases
We must act now to:*



Develop new drug regimens and treatments



Improve screening approaches and diagnostics



Create better surveillance systems, lab capacity, and TB infection control measures



Develop an effective vaccine



Build greater collaboration and investment from all corners of the global public health community

FOR MORE INFORMATION

To learn more about CDC's work to combat TB around the world, visit www.cdc.gov/globalhivtb

