

# TB PREVENTIVE TREATMENT

Changing the Course of the Global TB Epidemic

Nearly 2 billion people are infected with tuberculosis (TB) worldwide. CDC is on the forefront of efforts to accelerate uptake of **Tuberculosis Preventive Treatment (TPT)** – a proven course of treatment that can prevent TB disease and death among those infected with TB.

## FAST FACTS



**TB is the #1 cause of death** for people living with HIV, accounting for **MORE THAN 30%** of deaths among HIV-positive people in 2017



**TPT can reduce TB deaths** among HIV-positive patients by **UP TO 80%**



**Less than 20% of people** living with HIV and **only 13% of children** have reported **STARTING TPT**

## PREVENTING TB DISEASE AMONG PEOPLE LIVING WITH HIV AND CHILDREN

**21X**

TB and HIV are a deadly combination. **People living with HIV are up to 21X more likely to develop TB disease** than someone without the HIV virus.

**10X**

**Young children are up to 10X more likely to develop severe TB disease after infection** and benefit greatly from TPT after exposure to TB.

## SCALING UP TPT MUST START NOW



**Evidence shows that TPT can stave off active TB disease and save lives.** Independent of HIV treatment, TPT for individuals living with HIV reduces the number of patients who die in the 5 years after completing treatment by nearly 40 percent. Additionally, combining HIV treatment and TPT can dramatically reduce the risk of death for those living with both diseases – by as much as 80 percent.

**Despite being proven effective and affordable, the implementation of TPT remains slow.** Since the release of the initial recommendations from the World Health Organization (WHO) in 1993, **less than 20% of the 36.7 million** people living with HIV and **only 13% of eligible children** around the world have benefited from this lifesaving course of treatment.

## CDC'S EFFORTS

CDC is working to scale up TPT in countries with high burden of both TB and HIV. *Specific efforts include:*



**Leading in support of the PEPFAR effort** to provide TPT to 5 million people living with HIV by 2020



**Developing approaches** to find and treat children and adults **exposed to TB**



Working with high burden countries to **rapidly scale-up their TPT programs** through technical guidance and training

CDC offers unique strengths that are critical to ensuring global progress against TB, *which include:*



**A cadre of domestic and global TB experts** who are both cutting edge scientists and experts in designing and implementing programs



Long-standing relationships with Ministries of Health, which are the result of working side-by-side **to improve health outcomes**



The **technical know-how** and **track record** in strengthening laboratory networks and surveillance systems to provide faster and more accurate diagnoses