

TB PREVENTIVE TREATMENT

Preventing TB to End TB

Nearly 2 billion people may have been infected with tuberculosis (TB) worldwide. CDC is on the forefront of efforts to accelerate the uptake of **Tuberculosis Preventive Treatment (TPT)** – a proven intervention that can prevent TB disease and death among those at high risk of developing TB.

FAST FACTS



TPT can reduce TB deaths among people living with HIV by **nearly 40%** and **up to 80%** when combined with antiretroviral therapy. TB is the #1 cause of death for people living with HIV, accounted for an estimated 26% of deaths among HIV-positive people in 2022.**



Between 2005 and 2022, globally **17 million people** living with HIV were started on **TPT** equivalent to **43%** of the **39 million people** estimated to be living with HIV in 2022.**

** World Health Organization Global TB Report 2023

PREVENTING TB DISEASE AMONG PEOPLE LIVING WITH HIV AND CHILDREN

16X

People living with HIV are **16X** more likely to develop TB disease than someone with HIV.*

TOP 10

TB is a **top 10** cause of death for children worldwide* with the youngest children at greatest risk of severe disease and death from TB.

* World Health Organization Tuberculosis Fact Sheets

* The Lancet—Global, regional, and national causes of death in children and adolescents younger than 20 years

ACCELERATE THE PACE OF TPT SCALE UP



Evidence shows that TPT can prevent active TB disease and save lives. Despite its proven effectiveness and affordability, the implementation of TPT remains slow. 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%.

CDC'S EFFORTS

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



Through PEPFAR, CDC has supported **8.1 million people** living with HIV in completing TPT and over **410,000 children** living with HIV since 2017.



Expansion of **access to TPT** to other eligible groups such as children and adult contacts of persons with active TB.



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

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



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



Long-standing peer-to-peer 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 and monitoring of disease trends.

To learn more about CDC's work to end TB around the world, visit www.cdc.gov/globalhivtb
Division of Global HIV & TB | March 2024

