# 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



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



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

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.\*\*

World Health Organization Tuberculosis Fact Sheets



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

<sup>\*</sup>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%.

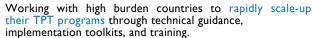
### CDC'S EFFORTS

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.



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.

