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**

- 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.
- 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.

To learn more about CDC’s work to combat TB around the world, visit [www.cdc.gov/globalhivtb](http://www.cdc.gov/globalhivtb)
Division of Global HIV & TB | September 2018