

Maryland Annual TB Update

Controlling TB and Beyond – Let's Try LTBI

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MISSION AND VISION

MISSION

The mission of the Prevention and Health Promotion Administration is to protect, promote and improve the health and well-being of all Marylanders and their families through provision of public health leadership and through community-based public health efforts in partnership with local health departments, providers, community based organizations, and public and private sector agencies, giving special attention to at-risk and vulnerable populations.

VISION

The Prevention and Health Promotion Administration envisions a future in which all Marylanders and their families enjoy optimal health and well-being.

Global TB

TB mortality rate continues to fall worldwide at about 3% annually, however,

- 6.3 million new cases were reported in 2016.
- ~ 28,500 people were diagnosed every day with ~ 5,000 *daily* deaths.
- ~ 490,000 million cases worldwide of MDR-TB were reported.
- ~ 147,000 cases of zoonotic TB were reported (primarily *M. bovis*).
- TB has been the leading cause of death from a single infectious agent for the past 5 years, exceeding HIV/AIDS.

(2017 WHO Global Tuberculosis Report)

Maryland TB

- Maryland is considered a high-TB incidence state by the National TB Controllers Association.
- Maryland TB case rates are 25% higher than the national average for 2017 (3.5 versus 2.8 cases per 100,000 population).
- The majority of Maryland TB cases are due to reactivation of TB infection, including
 - Infection acquired from non-U.S. country of origin.
 - Other high-risk persons with latent TB infection who decline preventive treatment (such as contacts of infectious cases).

Working to END TB

U.S. 2018 World TB Day Theme:

“Wanted: Leaders for a TB Free United States.....”

Maryland TB leaders (you) have been actively working toward this goal by:

- Adopting enhanced testing methods for latent TB infection.
- Promoting community provider responsibilities for screening, diagnosing, and treating latent TB infection.
- Using genotyping and (soon) whole genome sequencing in TB surveillance.
- Analyzing contact investigation data to expand beyond traditional boundaries.
- Reaching out to new community partners to help.

Working to END TB

The theme of this update “*Controlling TB and Beyond – Let’s Try LTBI*” recognizes that to eliminate a disease there must be a focus on how to prevent that disease from occurring in the first place.

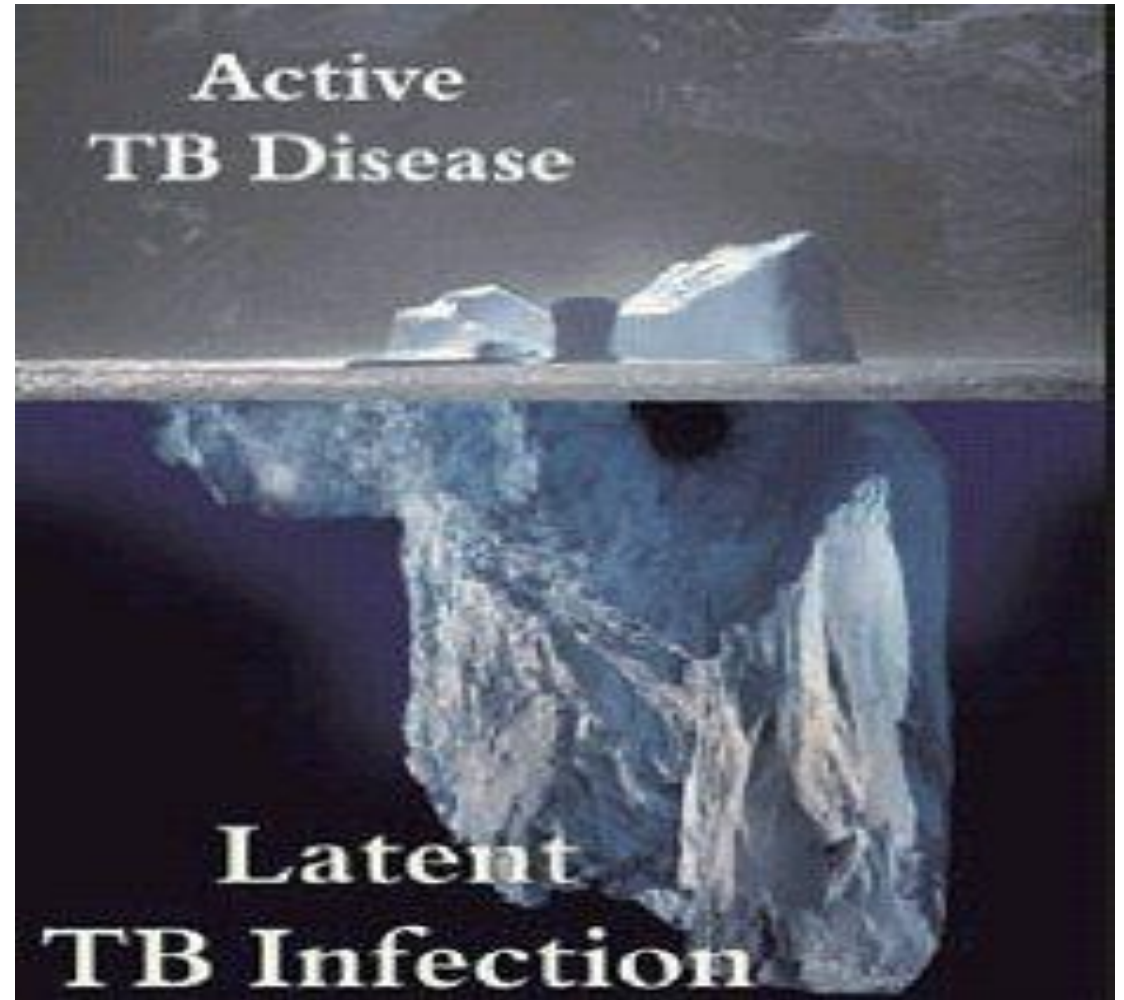
In line with this effort PHPA supported CTBCP to put forth MD regulations that will require the reporting of latent TB infection.

Reporting of LTBI will allow us to:

- Understand how large the reservoir pool of TB infection is in MD.
- Better target our activities and use of limited resources.
- Aggressively work to treat those at highest risk for future TB disease.
- Strengthen our partnerships through data.

Working to END TB

Moving beyond controlling TB disease to actually preventing it from occurring in the first place is a daunting task, but worth every bit of effort.





**Maryland Department of Health
Prevention and Health Promotion Administration**

<https://phpa.health.maryland.gov>