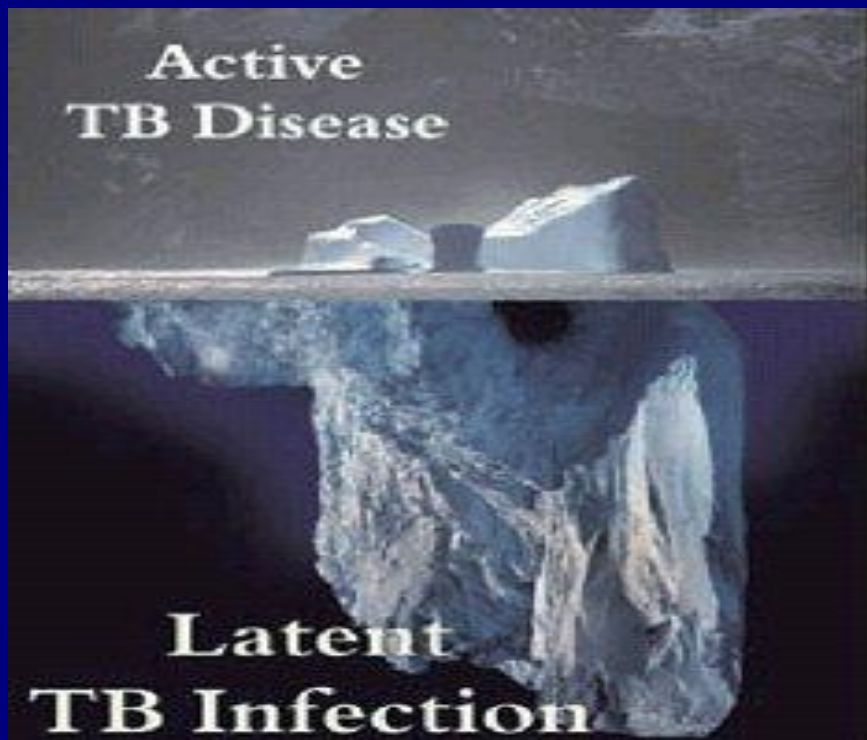




Maryland Annual TB Update

“All in a Day’s Work: MDR, XDR, B-Waivers and More”

**MARYLAND DEPARTMENT OF HEALTH AND MENTAL HYGIENE
Prevention and Health Promotion Administration
Center for TB Control and Prevention**



March 22, 2016



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



World TB Day 2016: Unite to End TB

SOBERING STATS (from 2015 WHO Global Tuberculosis Report)

- an estimated 9.6 million new TB cases occurred in 2014
- estimated 480,000 incident cases of MDR-TB
- only ~ 50% of patients with MDR-TB successfully treated
- an estimated 12% of the 9.6 million new TB cases HIV positive
- worldwide, ~37% of new cases went undiagnosed or were not reported



World TB Day 2016: Unite to End TB

REASONS FOR OPTIMISM (from 2015 WHO Global Tuberculosis Report)

- expanded use of newer laboratory diagnostics (e.g., GeneXpert)
- 15 new vaccines in clinical trials
- research underway on 8 new or “repurposed” medications for tx.
- expanded use of new meds e.g., bedaquiline, delamanid
- approval of new formulations of meds for children (outside US)



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2015 Maryland TB

- 176 cases (inclusive of Baltimore City)
- Maryland case rate declined from 3.3 to 2.9 cases per 100,000 population (-12%)
- Baltimore City's TB case rate declined to 2.2 cases per 100,000 (lowest recorded to date)
- 11 counties reported no cases in 2015 (highest number of MD jurisdictions reporting zero cases recorded to date)
- 76% of cases were foreign-born (TB rate 15.0 compared to 0.8/100,000 for US-born)
- Declining case numbers, but increasing complications and co-morbidities making TB treatment for individual patients more and more complex



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In a global world TB anywhere is TB everywhere

Today’s meeting agenda provides us the opportunity to

- Learn from the past**
- Consider how data can help focus activities**
 - Share best practices for the future**
- Explore new diagnostics and treatment options**
- Enjoy great people, good food, and A+ networking opportunities**