Epidemiology of TB in Maryland

TB Annual Meeting
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Tuberculosis Globally

• Estimated 10.4 million new cases globally in 2015
• 1.4 million deaths from TB
• Six countries account for 60% of new cases: India, Indonesia, China, Nigeria, Pakistan and South Africa
• 9\textsuperscript{th} leading cause of death
TB Case Rates 2015
National and Statewide

CDC, as of June 9, 2016
Maryland TB, 2009-2016

- Cases
- Case Rate
- Linear (Cases)
Maryland Case Rates, 2016

- Red: ≥3.7 /100,000
- Green: <3.7/100,000
- White: No reported cases

Case Rate per 100,000

- MD US-Born
- MD Foreign-Born
- US US-Born
- US Foreign-Born
Percent of TB Cases by Origin
Maryland, 2014-2016

Cases

- Foreign-Born
- US-Born

2014
2015
2016
Top Countries of Origin-MD, 2015

- El Salvador, 5%
- Ethiopia, 10%
- India, 11%
- Nigeria, 7%
- Philippines, 8%
- Vietnam, 8%
- Others, 51%
Foreign-born TB Case Numbers, by Time from U.S. Arrival to Diagnosis, 2014-2016

- >10 years
- >5-10 years
- 1-5 years
- <1 year

Year:
- 2016
- 2015
- 2014
TB Cases by Race and Origin, 2015

U.S Born
- Hispanic: 0%
- White: 34%
- Black/African American: 63%
- Asian: 3%

Foreign Born
- Hispanic: 20%
- White: 1%
- Black: 31%
- Multi-race: 2%
- Asian: 46%
Cases by Age Group  2014-2016

- **U.S Born**
  - 2013: 8%
  - 2014: 5%
  - 2015: 17%
  - 2016: 6%

- **Foreign Born**
  - 2013: 8%
  - 2014: 8%
  - 2015: 7%
  - 2016: 6%
TB and Diabetes, 2011-2016

[Graph showing the number of cases and percentage of TB and diabetes cases from 2012 to 2016. The graph includes a linear trend line.]
MDR/XDR TB in Maryland, 2012-2016

*One XDR Case
LTBI Reporting

- CTBCP is currently working to amend COMAR regulations
- CDC voluntary reporting in 2020
- Any positive TST or IGRA
- All reports and data management will be handled by CTBCP
- Early stages, feedback welcome!
Prevention and Health Promotion Administration

http://phpa.dhmh.maryland.gov