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.
TB Case Rates,* United States, 2017

*Cases per 100,000; as of February 12, 2018.
DC, District of Columbia

≤2.8 (2017 national average)
>2.8
Maryland TB, 2010-2018

[Graph showing the case rate per 100,000 and the number of cases from 2011 to 2018. The case rate decreases over time, with the number of cases remaining relatively stable.]
TB Case Rates Among US and Non US-Born, 2013-2018
Percent of TB Cases by Origin 2015-2018
Top Countries of Birth
Maryland, 2017

- United States: 16%
- El Salvador: 10%
- Ethiopia: 10%
- India: 8%
- Philippines: 5%
- Nigeria: 4%
- Others: 47%
Foreign-born TB Case Numbers, by Time from U.S Arrival to Diagnosis, 2015-2018

- **2018:**
  - >10 years: 70
  - >5-10 years: 20
  - 1-5 years: 30
  - <1 year: 10

- **2017:**
  - >10 years: 60
  - >5-10 years: 15
  - 1-5 years: 35
  - <1 year: 5

- **2016:**
  - >10 years: 80
  - >5-10 years: 25
  - 1-5 years: 30
  - <1 year: 10
TB Cases by Race and Origin, 2018

**U.S Born**
- Native Hawaiian/Pacific Islander: 3%
- Hispanic: 6%
- White: 19%
- Asian: 3%
- Black/African American: 69%

**Non US-Born**
- Hispanic: 26%
- Black: 36%
- Multi-Race: 1%
- White: 2%
- Asian: 35%
Cases by Age Group, 2016-2018

- <5
- 5-14
- 15-24
- 25-44
- 45-64
- 65+

MARYLAND Department of Health
Site of Disease, Maryland 2018

- Pulmonary: 65%
- Extra Pulmonary: 29%
- Both: 6%
Numbers of TB HIV Co-Infection Origin of Birth, 2015-2018

<table>
<thead>
<tr>
<th>Year</th>
<th>U.S Born</th>
<th>Non US-Born</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>17%</td>
<td>7%</td>
</tr>
<tr>
<td>2016</td>
<td>6%</td>
<td>6%</td>
</tr>
<tr>
<td>2017</td>
<td>6%</td>
<td>13%</td>
</tr>
<tr>
<td>2018</td>
<td>6%</td>
<td>9%</td>
</tr>
</tbody>
</table>
MDR/XDR TB in Maryland, 2013-2018

Cases

Percentage

2014 2015 2016 2017 2018

0.0% 0.2% 0.4% 0.6% 0.8% 1.0% 1.2% 1.4% 1.6%

0 0.2% 0.4% 0.6% 0.8% 1.0% 1.2% 1.4% 1.6%

MARYLAND Department of Health
Drug resistance in Maryland, 2018

208 cases total

156 (75%) cases: susceptibility results

22 (14%) cases: any resistance

3 (2%) MDR
NEDSS/Surveillance Data

• Timely NEDSS Entry
  • Timely Case Reviews
  • Monitoring for DST and Genotyping results
  • Help identify emerging trends or areas of concern

• Timely and accurate surveillance data is crucial to understanding and preventing TB
LTBI Surveillance
LTBI Reporting

- First 6 months of reporting 7/1/2018 – 12/31/2018
- 3606 reports
  - 835 with LTBI diagnosis (23%)
  - Others positive IGRA or TST result only
- 303 (36.3%) from LHDs
LTBI Treatment – All LTBI

- LTBI: 69.9%
- Offered Treatment: 40.7%
- Started Treatment: 22.0%
LTBI Treatment – LHD Only

- LTBI: 68.6%
- Offered Treatment: 58.7%
- Started Treatment: 58.7%
LTBI Treatment Regimen – LHD

- 3HP: 8.7%
- 4 RIF: 61.8%
- 9 INH: 22.5%
- Other: 6.9%
TB B-Waivers
Total Maryland Arrivals with B1-waiver, 2013-2017
Arrivals with B1-waiver treatment initiation, 2013-2017
Arrivals with B1-waiver treatment completion, 2013-2017
Maryland Department of Health
Prevention and Health Promotion Administration

https://phpa.health.maryland.gov