Agenda

• Snapshot reports overview
  • The idea
  • NTIP Indicators: what are they?
  • Data sources: pros, cons, and plans
    • Case Management Data (WDRS)
    • Contact Investigation Data
    • Class B Data (EDN)
• Discussion
Agenda

• Snapshot reports overview
  • The idea
  • NTIP Indicators: what are they?
  • Data sources: pros, cons, and plans
    • Case Management Data (WDRS)
    • Contact Investigation Data
    • Class B Data (EDN)
• Discussion

Snapshot Reports: A Draft!
Snapshot Reports: The Idea

- Feedback about report cards
- Redesigning how we provide you with data
  - Feedback from CDC Site Visit
  - Data transparency

Agenda

- Snapshot reports overview
  - The idea
  - NTIP Indicators: what are they?
  - Data sources: pros, cons, and plans
    - Case Management Data (WDRS)
    - Contact Investigation Data
    - Class B Data (EDN)
  - Discussion
NTIP Indicators: What Are They?

- National Tuberculosis Indicators Project (NTIP)
  - Performance-monitoring tool
    - Targets based on data
  - Data from RVCT, ARPE, EDN, TB GIMS

- RVCT: Report of Verified Case of Tuberculosis *Cases*
- ARPE: Aggregate Reports for Tuberculosis Program Evaluation *Contacts*
- EDN: Electronic Disease Notification system *Class Bs*
- TB GIMS: TB Genotyping Information System *Genotyping*
NTIP Indicators

- Goals for Reducing TB Incidence (RVCT)
- Objectives on Case Management and Treatment (RVCT)
- Objectives on Laboratory Reporting (RVCT, GIMS)
- Objectives on Contact Investigations (ARPE/Contacts)
- Objectives on Examination of Immigrants and Refugees (EDN)
- A few others

Washington State Department of Health | 9
National TB Program Objectives and Performance Targets for 2025

The mission of the Division of Tuberculosis Elimination is to promote health and quality of life by preventing, controlling, and, eventually eliminating tuberculosis (TB) from the United States, and by collaborating with other countries and international partners in controlling global tuberculosis.

Objectives on Case Management and Treatment

- **Non-U.S.-born Persons:**
  - Reduce the incidence of TB disease among non-U.S.-born persons.
  - Reduce the incidence of TB disease among non-U.S.-born persons.
- **U.S.-born Non-Hispanic Black or African American:**
  - Reduce the incidence of TB disease among U.S.-born non-Hispanic blacks or African Americans.
- **Children younger than 5 years of age:**
  - Reduce the incidence of TB disease among children younger than 5 years of age.

Recommended Initial Therapy

- For patients whose diagnosis is likely to be TB disease, increase the proportion who start on the recommended initial 4-drug regimen.

---

Performance Snapshot

Pretend County, WA ● October 2019

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Case count in this period</td>
<td>204</td>
<td>207</td>
<td>190</td>
<td>112</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TB incidence rate (per 100,000)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U.S.-born Persons</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-U.S.-born Persons</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U.S.-born non-Hispanic Black</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Children younger than 5 years</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Case Management and Treatment</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ravenous MTB status</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Treatment Initiation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Continuous Treatment Therapy</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sputum Culture Result</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Completion of Treatment</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Laboratory Reporting Indicators</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transmitted Time - Delivery</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transmitted Time - NAA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drug Susceptibility Result</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Universal Genotyping</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Contact Investigation Indicators</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Contact Isolation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MTB Treatment Initiation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MTB Treatment Completion</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Evaluation of Immigrant &amp; Refugee Indicators</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Evaluation Initiation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Evaluation Completion</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MTB Treatment Initiation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MTB Treatment Completion</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Data current as of September 27, 2019
Agenda

• Snapshot reports overview
  • The idea
  • NTIP Indicators: what are they?
• Data sources: pros, cons, and plans
  • Case Management Data (WDRS)
  • Contact Investigation Data
  • Class B Data (EDN)
• Discussion
Case Management Data: WDRS/RVCT

- Retrospective data cleanup in 2019 (2016-present)
  - THANK YOU for your efforts!
- Future: more frequent/smaller requests
Contact Investigation Data

- Data reported in aggregate to CDC
- 2017/2018 – 6 different datasets
- Future: Getting it all into WDRS
  - Contact Module updates in WDRS
    - Standardization
    - Better data capture
  - WDRS Data Cleaning
    - Linking contacts to source cases
    - Data completion
  - Data uploads
    - Data mapping

Washington State Department of Health | 17
The Data: EDN

- Data QA 2015-2017
- The future:
  - More frequent QA for those who engage with this work
  - Process improvements?

---

Discussion
Please share your input/ask questions!

Jennifer Hubber
Jennifer.Hubber@doh.wa.gov
206.418.5621

Thoughts of Dog 😁
@doh_feelings

gooooob morning. i’ve been giving it a lot of thought. and i really think. today is your day

6:13 AM - 17 Jan 2019

NTIP Case Management Indicator 6:
Percent of TB Patients Completing Treatment within 12 Months*
Washington State, 2015-2018

* For patients for whom 12 months or less of treatment is indicated

Data as of September 27, 2019
NTIP Case Management Indicator 5:
Percent of TB Patients with Documented Sputum Culture Conversion within 60 Days of Treatment Initiation*
Washington State, 2015-2018

* For patients with positive sputum culture results

Data as of September 27, 2019

Washington State Department of Health