Tuberculosis Infection (LTBI) Reporting Update

February 15, 2019

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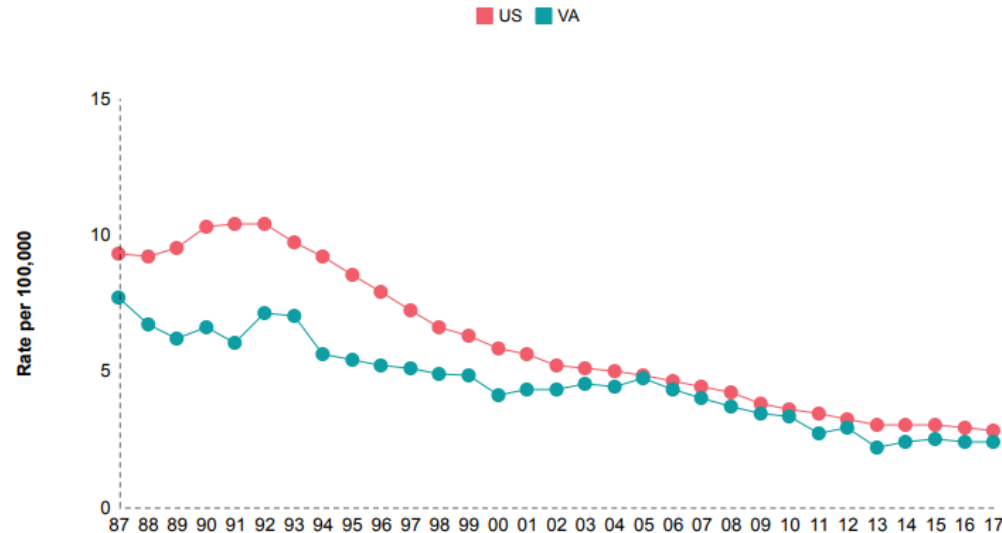
Virginia Department of Health

Overview

- TB Infection reporting requirement
- TB Infection surveillance case definition
- Phased surveillance plan
- How to report
- TB Infection resources

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TB Infection Reporting Requirement

- Tuberculosis infection for **all age groups** was officially added to the Reportable Disease List in Virginia on November 14th, 2018
- Who is required to report?
  - Providers
  - Laboratories
- What will this look like?
  - We do not know yet
- Why is this happening?
  - Goal: TB Elimination
  - Future CDC requirement
  - Plateau of active cases

Figure 1: Tuberculosis rates, Virginia and the United States, 1987-2017

US VA

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TB Infection Surveillance Case Definition

TB Infection Case Classification
SUSPECTED ➢ A case that meets one or more of the laboratory criteria (positive TST or IGRA) **AND** ➢ *M. tuberculosis* complex was not isolated from a clinical specimen, if a specimen was collected
CONFIRMED ➢ A case that meets one of the laboratory criteria for TB infection (positive TST or IGRA) **AND** ➢ *M. tuberculosis* complex was not isolated from a clinical specimen, if a specimen was collected **AND** ➢ Meets the clinical criteria for TB infection (no signs or symptoms consistent with TB Disease and chest imaging not consistent with TB Disease)

The full text of the case definition is available online through CDC

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Proposed Phased Plan

Phase 1 Passive Surveillance
- Update surveillance system to accommodate TB Infection reporting
- No additional follow-up is necessary at local health department level
- Work with labs to expand electronic laboratory reporting (ELR) capabilities to capture IGRAs

FEEDBACK
- Central Office TB Program provides summary of data received to districts
- Discussion of burden in collaboration with districts/TB Infection taskforce
- Gauge ability/resource needs to move to next stage of surveillance

Phase 2 Enhanced Passive Surveillance
- Local Health Departments will begin collecting additional information from reporting providers as needed to determine if a confirmed case status can be selected

Phase 3 TB Infection Management
- Local health departments will follow-up with providers/patient about treatment regimen, treatment initiation and treatment completion.
  - A tiered approach will be recommended prioritizing patients at high risk of progression to disease

The Goal: TB Elimination

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Phase 1 – Passive Surveillance

Phase 1
Passive Surveillance

- Update surveillance system to accommodate TB Infection reporting
- No additional follow-up is necessary at local health department level
- Work with labs to expand electronic laboratory reporting (ELR) capabilities to capture IGRAs

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Feedback Phase

FEEDBACK

- VDH TB Program provides summary of data received to district health depts.
- Discussion of burden in collaboration with districts/TB Infection Taskforce
- Gauge ability/resource needs to move to next stage of surveillance

Phase 2 – Enhanced Passive Surveillance

Phase 2

Enhanced Passive Surveillance

- Local Health Departments will begin collecting additional information from reporting providers as needed to determine if a confirmed case status can be selected
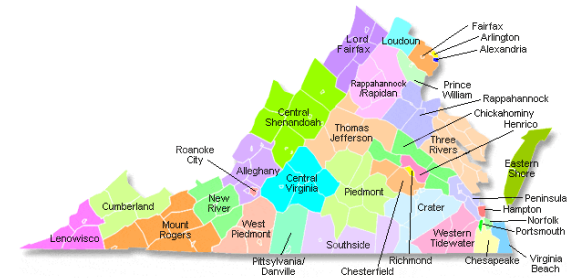
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Phase 3 – TB Infection Management

Phase 3
TB Infection Management

- Local health departments will follow-up with providers/patient about treatment regimen, treatment initiation and treatment completion.
  - A tiered approach will be recommended prioritizing patients at high risk of progression to disease

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How to Report TB Infection

- Presumptive or confirmed TB Infection should be reported to your local health department.
- Submit an electronic morbidity report through the portal or work with your local health department to develop other means of reporting this information, such as through a computer-generated report from your hospital system.
  - Diagnosis codes may be helpful:
    - R76.11 – LTBI with positive TST
    - R76.12 – LTBI with positive IGRA
- Your lab may already be reporting positive IGRA results electronically to VDH.
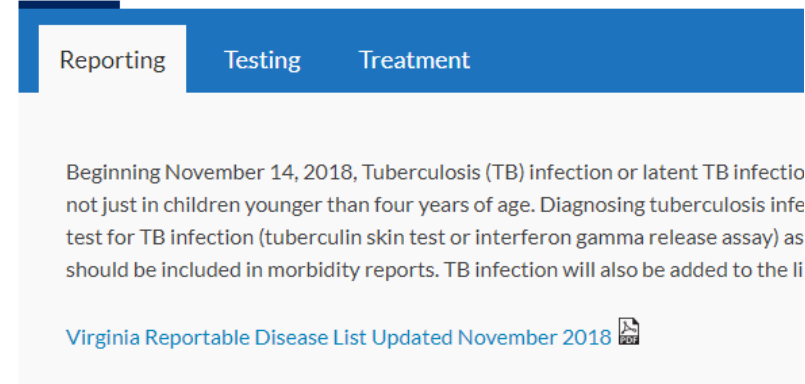
How to Report TB Infection

- If reporting through the electronic morbidity report [portal](), select *Tuberculosis, latent infection (LTBI)* as the Disease or Condition.

- If possible, provide additional information in the laboratory section about TST/IGRA results and in the comments section about chest x-ray results, symptom screening, and treatment.

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Confidential Morbidity Report

Reportable Condition

Disease or Condition
* must provide value

Tuberculosis, latent infection (LTBI)

Date of Onset

(mm-dd-yyyy)   Today   M-D-Y

Date of Diagnosis

(mm-dd-yyyy)   Today   M-D-Y

TB Infection Resources

- Page on VDH TB and Newcomer Health Program website
  - Reporting
  - Testing
  - Treatment
- CDC Resources
  - Slide sets for providers and patients
  - Fact sheets for providers and patients
  - Testing and treatment recommendations
  - Graphics

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Questions?

Contact Information

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