

 **TB Cohort Review**

Statewide Final Results of 2010

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 **Cohort Review**

- A retrospective review of six specific indicator outcomes for a specific group of TB cases counted in Virginia.
 - Compared to Virginia goals for 2010
 - Compared to National 2015 NTIP goals
- 268 TB cases counted in 2010
- Cohort Review Sessions
 - 15 on-site
 - 3 by regional Polycom

 **Indicators Reviewed**

- **Sputa collected** for those with respiratory site of disease
- **Sputa conversion** in ≤ 60 days from treatment initiation for those with initial positive M.tb cultures
- **Drug sensitivities** present for those with positive cultures from any site
- **Initial 4 drug therapy** with RIPE
- **Completion of treatment** in ≤ 366 days
- **HIV** result present

Sputa Collected - if Respiratory Site of Disease

- Children <12 are excluded
- n=208

Virginia 2010 Target	National 2015 Target	Virginia 2010 Performance	Virginia 2011 Target
88%	95.7%	97.7%	89%

Great Job!

Sputa Culture Conversion - ≤ 60 days from Treatment Initiation

- Only applies if a sputa culture was initially positive for M.tb
- n=146

Virginia 2010 Target	National 2015 Target	Virginia 2010 Performance	Virginia 2011 Target
40%	61.5%	59.6%	45%

Virginia Goal Met!

Drug Susceptibility Results Reported - from any site if positive culture

- n=214

Virginia 2010 Target	National 2015 Target	Virginia 2010 Performance	Virginia 2011 Target
92%	100%	99.5%	94%

Great Job! So Close!!

Initial 4-drug Therapy – with RIPE

- Exceptions – died before Rx start could have occurred
- n=263

Virginia 2010 Target	National 2015 Target	Virginia 2010 Performance	Virginia 2011 Target
91.4%	93.4%	97%	91.7%

Great Job!

Completion of Treatment – in ≤366 days

- Exceptions – RIF resistant, meningeal TB, children <15 yr. with disseminated TB, or died before Tx complete
- n=248

Virginia 2010 Target	National 2015 Target	Virginia 2010 Performance	Virginia 2011 Target
86%	93%	86.7%	87%

Virginia Goal Met!

HIV Result Present -

- All clients – lab report or reported in facility/physician report
- n=268

Virginia 2010 Target	National 2015 Target	Virginia 2010 Performance	Virginia 2011 Target
75%	88.7%	86.6%	77.1%

Virginia Goal Met!

Performance and Target Summary

NTIP Indicator	VA 2010 Performance	2010 VA Achievement	2011 VA Target
Sputa Collected	97.7%	VA & U.S. Goal Met	89%
Sputum Conversion	59.6%	VA Goal Met	45%
Drug Susceptibilities	99.5%	VA Goal Met	94%
Initial 4-drug Therapy	97%	VA & U.S. Goal Met	91.7%
Completion of Tx	86.7%	VA Goal Met	87%
HIV	86.6%	VA Goal Met	77.1%
Elicitation of Contacts	n/a	n/a	93%
Contact Evaluation	n/a	n/a	92.4%

- ### Contacts Elicited and Evaluated – Coming this year for 2011 cases
- The proportion of TB cases with positive AFB smears that have contacts elicited
 - The proportion of those contacts who are evaluated for TB infection and disease

- ### National TB Indicators Project - NTIP
- NTIP Fact Sheet -
<http://www.cdc.gov/tb/publications/factsheets/statistics/NTIP.htm>
 - NTIP Frequently Asked Questions -
<http://www.cdc.gov/tb/publications/factsheets/statistics/NTIPFAQs.htm>

2011 TB Case Cohort Review

- Beginning mid-year through end of February 2013
- Please call if you have questions!
(804) 864-7972

Questions?
