

World TB Day 2013



March 21, 2013



Agenda

- 1:00 pm Welcome: Jane Moore
- 1:05 pm Epidemiology Update: Suzanne Keller
- 1:15 pm TB Program Updates:
 - Medication Issues – Jane Moore
 - Cohort Review Achievement Recognition – Debbie Staley
- 1:30 pm Stop TB in My Lifetime: What it Means to Me: Lauri Savage



Agenda, cont.

- Tia Brown, ORW, Eastern Shore
- Kathy Mitchell, RN, Cumberland Plateau
- Eric Houpt, MD, TB Program Consultant
- Patient voices: You Can Prevent Tuberculosis, Southeastern National TB Center video

- 2:15 - Questions



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Highlights of TB in Virginia

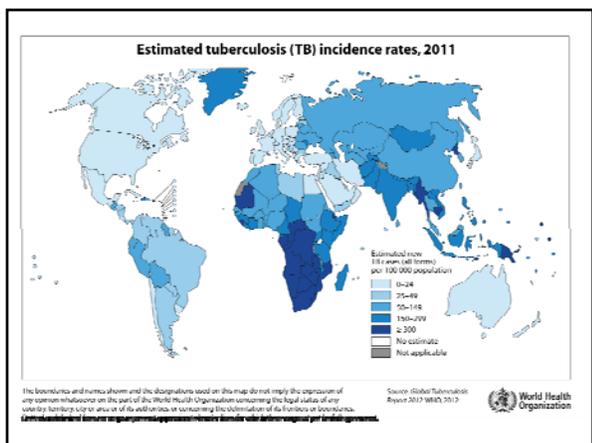
Suzanne J. Keller

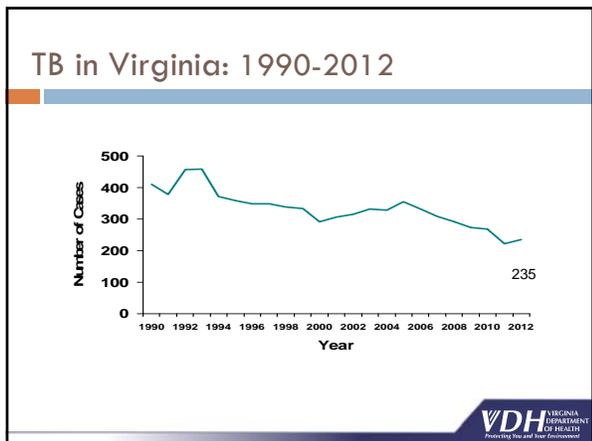


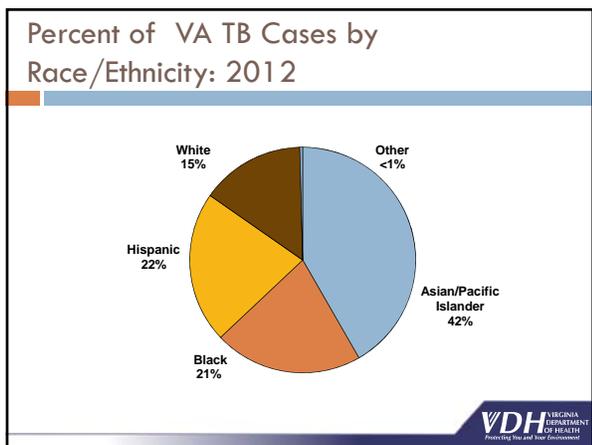
Global TB: We are all connected

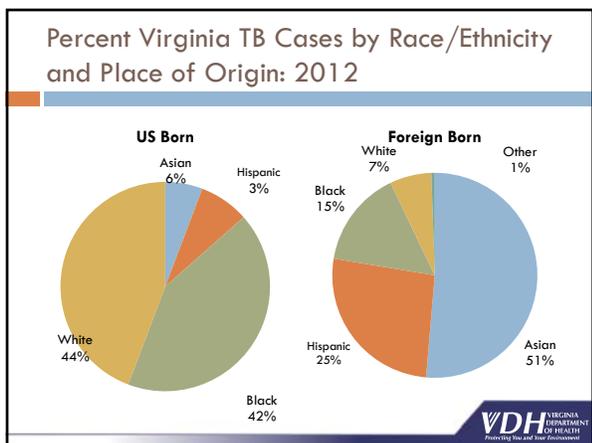
- Globally TB is in decline
- In 2011 there were 8.7 million cases of TB
- In 2011 there were over 1.4 million deaths, including 430,000 that were associated with HIV

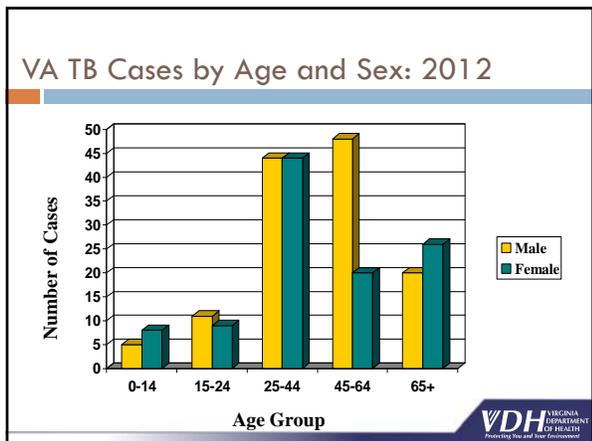


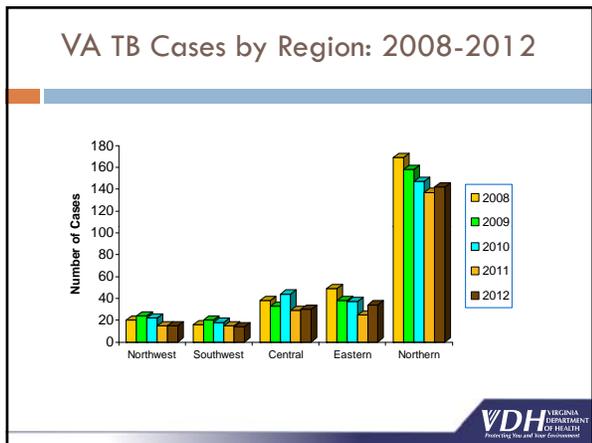












Foreign-born TB Cases Top Five Countries of Birth: US and Virginia

US (2011)	Virginia (2012)
<input type="checkbox"/> Mexico	<input type="checkbox"/> India
<input type="checkbox"/> Philippines	<input type="checkbox"/> Mexico
<input type="checkbox"/> India	<input type="checkbox"/> Philippines
<input type="checkbox"/> Viet Nam	<input type="checkbox"/> South Korea
<input type="checkbox"/> China	<input type="checkbox"/> Viet Nam

VDH VIRGINIA DEPARTMENT OF HEALTH
Protecting You and Your Environment

TB Case Rate per 100,000 VA and US: 2008-2012

Year	Virginia TB Cases	Virginia TB Rate	US TB Cases	US TB Rate
2008	292	3.8	12,906	4.2
2009	273	3.5	11,545	3.8
2010	268	3.4	11,181	3.6
2011	221	2.7	10,521	3.4
2012	235	2.9	9,951	3.2



Thoughts for World TB Day 2013

- The decline in TB among US born persons in Virginia continues
- In 2012 we see an increase among foreign-born cases
- A spike in pediatric cases, especially among the very young, remind us to be vigilant when investigating TB cases



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TB Program Updates

Jane Moore



TB Program Updates

- INH restrictions remain in place
 - ▣ Hopeful for resolution – April/May
 - ▣ CDC working on multiple options
- Tubersol
 - ▣ Shortage of both 10 and 50 dose vials
 - ▣ May also correct within next month
 - ▣ If continues, may require shift to Aplisol



Updates (2)

- Bedaquiline – still not released as yet
 - ▣ predicting 2nd quarter of 2013
 - ▣ Cost uncertain
 - ▣ Drug available from manufacturer for “compassionate use”
 - ▣ Use of drug requires approval by one of VDH clinical consultants



3HP

- Rifapentine available in state pharmacy
 - ▣ available for use by all
 - ▣ Current supplies will expire 6/30/13
 - ▣ Free –as long as started with med that will expire on 6/30/13
- Pharmacy will fill differently
 - ▣ Receive initial supply from current supply
 - Label will be highlighted “Use by 6/30/13”
 - Remaining weeks will be dispensed with product with later expiration date
 - ▣ Example
 - April – 1 month initial supply – Use by 6/30/13
 - May – additional supply – Use by 6/30/13 with 2 week cushion
 - June – final supply with later expiration date



Changes to Packaging for TB Clients

- Cases/suspects
- Cannot be used for 3HP regimen
 - ▣ Rifapentine must stay in original packaging
- Should begin in next several weeks with refills







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Cohort Review Achievement Recognition for Reviews of 2011 TB Cases

Debbie Staley



The Categories of Morbidity

- High morbidity – >35 cases/district in 2011
- Medium morbidity – 11-35 cases/district in 2011
- Low morbidity – 6-10 cases/district in 2011
- Very low morbidity – 0-5 cases /district in 2011



District Distribution of Cases

- High morbidity – 1 district
- Medium morbidity – 4 districts
- Low morbidity – 3 districts
- Very low morbidity – 20 districts



The Achievers

- High Morbidity – Fairfax County Health District
 - 82 TB Cases in 2011! or 38.7% of Virginia Cases
 - Average performance on 8 indicators: 89.1%



The Achievers

- Medium Morbidity – Loudoun Health District
 - 12 TB Cases in 2011
 - Average performance on 8 indicators: 98.3%



The Achievers

- Low Morbidity – Thomas Jefferson Health District
 - 7 TB Cases in 2011
 - Average performance on 8 indicators: 93.0%



The Achievers

- Very Low Morbidity – Chesapeake Health District
 - 1 TB Case in 2011
 - Average performance on 8 indicators: 100%
- And: Cumberland Plateau Health District (3 cases), Pittsylvania/Danville and Eastern Shore (1 case each)
 - Average performance on 4-6 indicators: 100%
- Honorable Mention – all with 8 indicators evaluated
 - Central Shenandoah (3 cases) – 99.4%
 - Crater (4 cases)– 99.1%
 - Roanoke City (3 cases) – 98.8%



Thank You!

- ▣ Awareness of key case management indicators
- ▣ Training opportunity
- ▣ Identifies areas of training need
- ▣ TB Program policy and tool/form revisions
- ▣ Achievement impacts the federal funding formula
- ▣ Provides data to local programs to target district improvement





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Tia Brown
Outreach Worker
Eastern Shore



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Kathy Mitchell
Public Health Nurse
Cumberland Plateau



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Eric Houpt, MD
TB Program Consultant
University of Virginia



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Patient Voices:
You Can Prevent Tuberculosis,
Southeastern National TB Center
video



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Questions?