

# Pennsylvania Department of Health TB Program Resources and Collaborations

Kimberly Fitzpatrick  
Tuberculosis Program Manager

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## TB Program

Responsibilities

Services

Data

Resources

Collaborations

# ▶ PA TB Program Responsibility

The TB Program's responsibility is to prevent and control of the spread of TB.

- ▣ Set policies and procedures for TB control activities
- ▣ Manage the CDC cooperative agreement
- ▣ Surveillance and evaluation
- ▣ Training and education
- ▣ Ensuring public health laboratory services

# ▶ PA TB Program Services

Services that are provided provided through financial support.

- ▶ Patient outpatient services
- ▶ TB clinicians
- ▶ Public health assistants
- ▶ Medications
- ▶ Clinic supplies
- ▶ Housing, food and other patient supports
- ▶ County/municipal health department programs

# National TB Surveillance

## 2017 CDC National data

- ▀ 9,105 new cases of TB
- ▀ Decrease in TB cases of 1.6 percent
- ▀ National incidence rate – 2.8 per 100,000
- ▀ Decrease of 2.3 percent from 2016
- ▀ 2,705 US born
- ▀ 6,384 non-US born

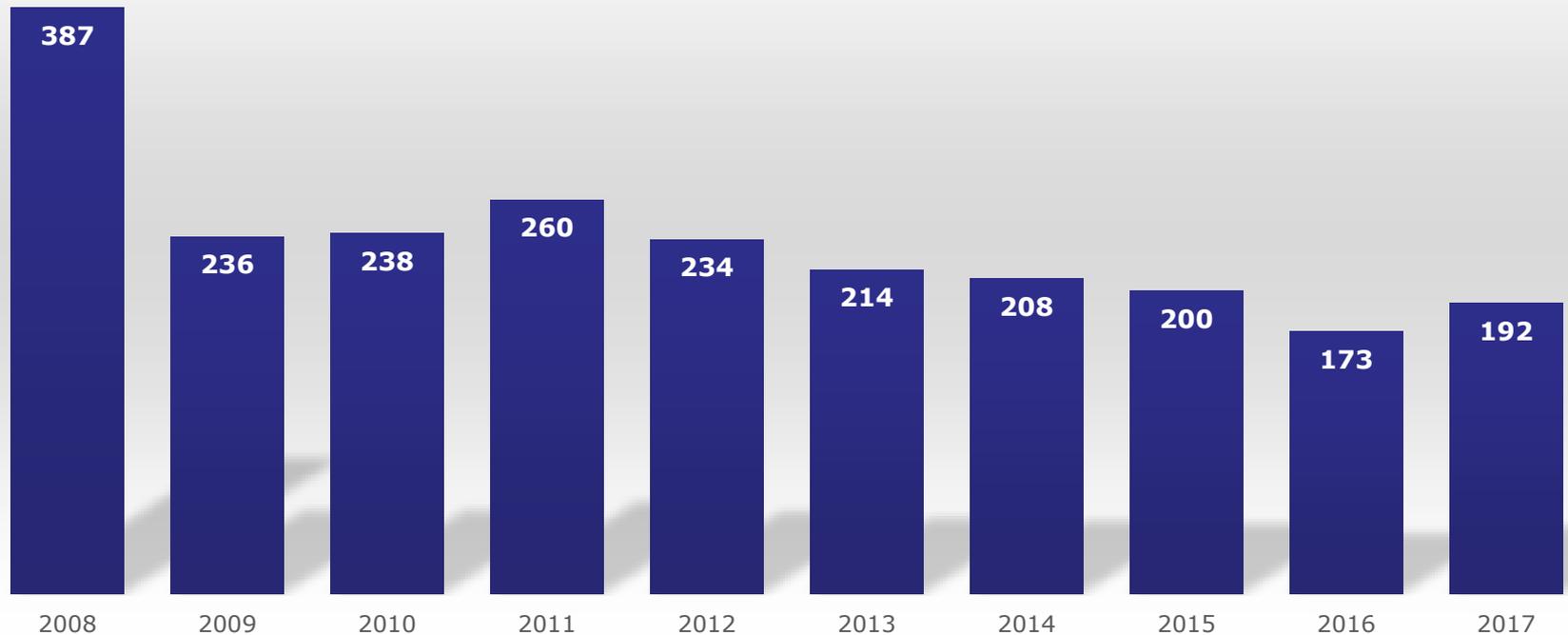
Stewart RJ, Tsang CA, Pratt RH, Price SF, Langer AJ. Tuberculosis — United States, 2017. MMWR Morb Mortal Wkly Rep 2018;67:317–323. DOI: <http://dx.doi.org/10.15585/mmwr.mm6711a2>.

# TB Infection Estimates

- Estimated that 257,000 individuals in Pennsylvania have TB infection
- Of those infected, approximately 172,000 are non-U.S. born
- This is based on just one methodology utilized by CDC to estimate TB infection prevalence

# TB Morbidity in PA

PA Case Counts 2008-2017



# PA TB Case Rates

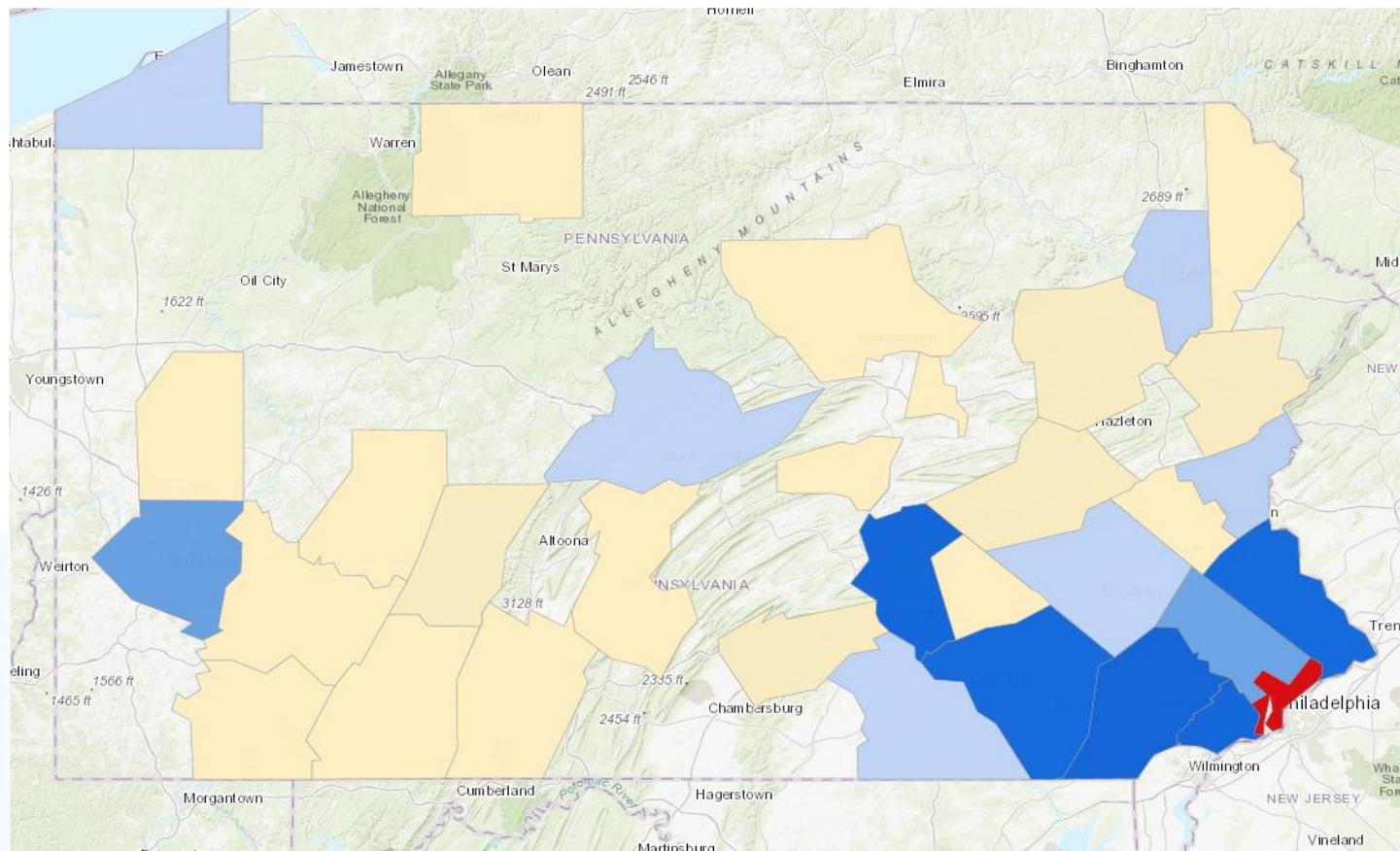
<b>Year</b>	<b>Number of Cases</b>	<b>Rate*</b>
2008	387	3.08
2009	236	1.87
2010	238	1.87
2011	260	2.05
2012	234	1.84
2013	214	1.68
2014	209	1.65
2015	200	1.56
2016	173	1.35
2017	192	1.50

\*per 100,000 population

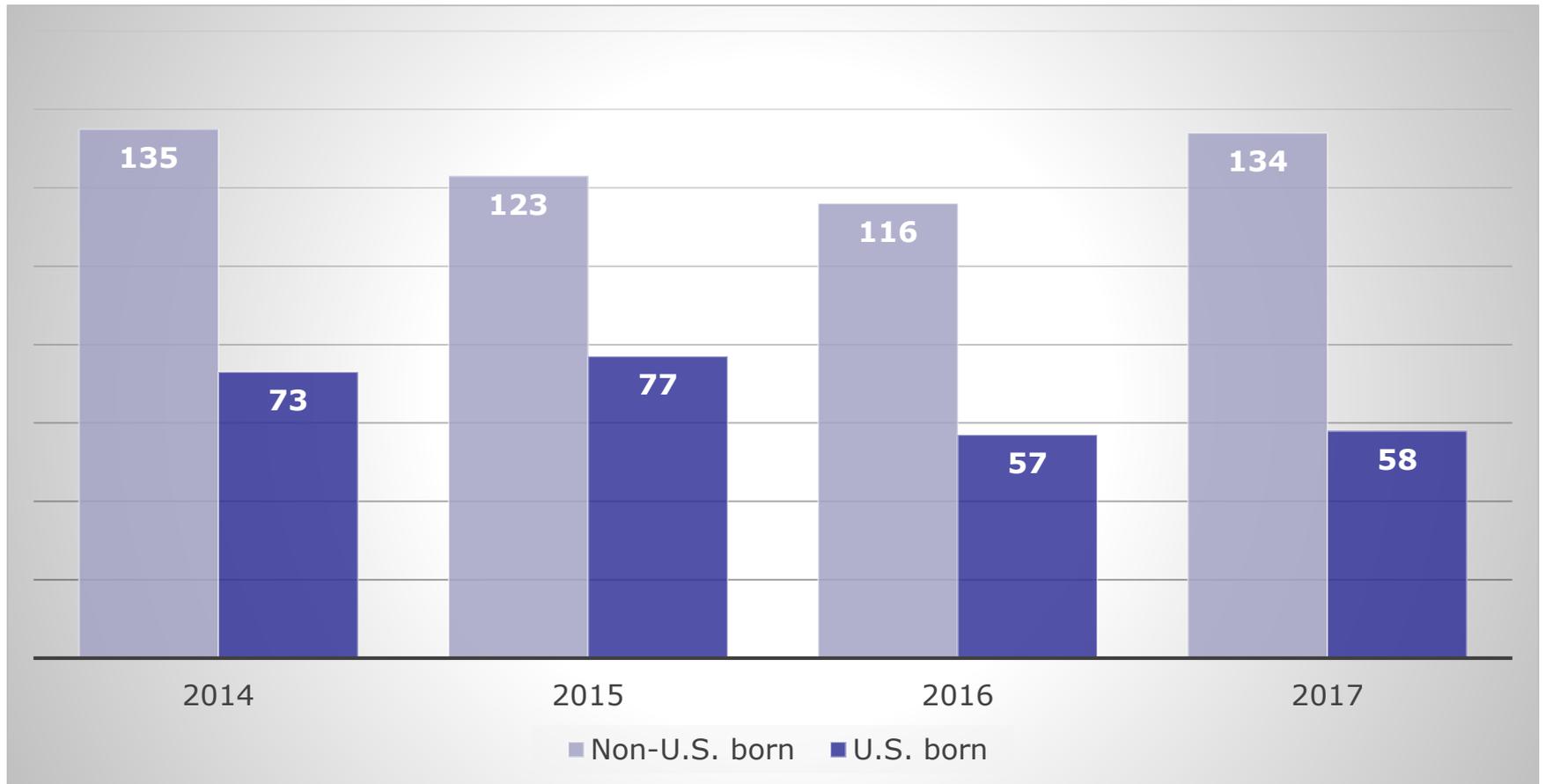
# 2017 PA TB High Morbidity Areas

Reported  
Number of TB  
Cases  
in 2017

- > 17 to 75
- > 10 to 17
- > 4 to 10
- > 2 to 4
- 1 to 2



# Birth Country Comparison



# Country of Birth - 2017

<b>Birth Country</b>	<b>Number of cases</b>	<b>Percent</b>
United States	54	28.13%
India	25	13.02%
Vietnam	18	9.38%
China	12	6.25%
Bhutan	8	4.17%
Mexico	7	3.65%
Philippines	6	3.13%
Haiti	4	2.08%
Puerto Rico	3	1.56%
Eritrea	3	1.56%
All other	52	27.08%

# Immigrants and Refugees

<b>Year</b>	<b>Immigrants/refugees with a B1/B2 condition</b>	<b>Abnormal CXR overseas</b>	<b>Evaluated</b>
2014	527	449	307 (68.4%)
2015	470	450	268 (59.6%)
2016	735	502	365 (72.7%)
2017	659	450	277 (61.6%)

# ▶ Refugees Evaluated

<b>Year</b>	<b>Refugees referred for evaluation via EDN</b>	<b>Abnormal CXR overseas consistent with TB</b>	<b>Exam completed</b>
2014	336	279	213 (76.3%)
2015	242	177	139 (78.5%)
2016	237	166	136 (81.9%)
2017	130	104	86 (82.7%)

# ▶ PA TB Program Collaborations

Collaboration is imperative to ensuring health and success.

- ▣ Coordination of services
- ▣ Transportation
- ▣ Translation

# Centers for Disease Control and Prevention

- The Centers for Disease Control and Prevention (CDC) fund state and big city TB programs across the country through a cooperative agreement.
- CDC funds four Centers of Excellence (COEs). COEs provide training, educational resources and medical consultation.
- The Global Tuberculosis Institute at Rutgers (GTBI) is the COE for the northeast United States including Pennsylvania.

# TB Program Resources

- TB medical evaluation and treatment
- TB medical consultation
- TB training opportunities and trainers
- Educational tools
  - Updated TB Program website
  - TB poster for private health-care providers
  - Latent TB Infection (LTBI) toolkit for health-care professionals

# Think TB...Test for TB Poster

**THINK TB ... TEST FOR TB**

when you see patients with these signs and symptoms - especially those from countries where tuberculosis (TB) is endemic.

If you have questions about testing for, diagnosing or treating tuberculosis, call the Pennsylvania TB Program at 717-787-6267. After hours, call 877-724-3258.



**FEVER**      **COUGHING UP BLOOD**      **CHEST PAIN**

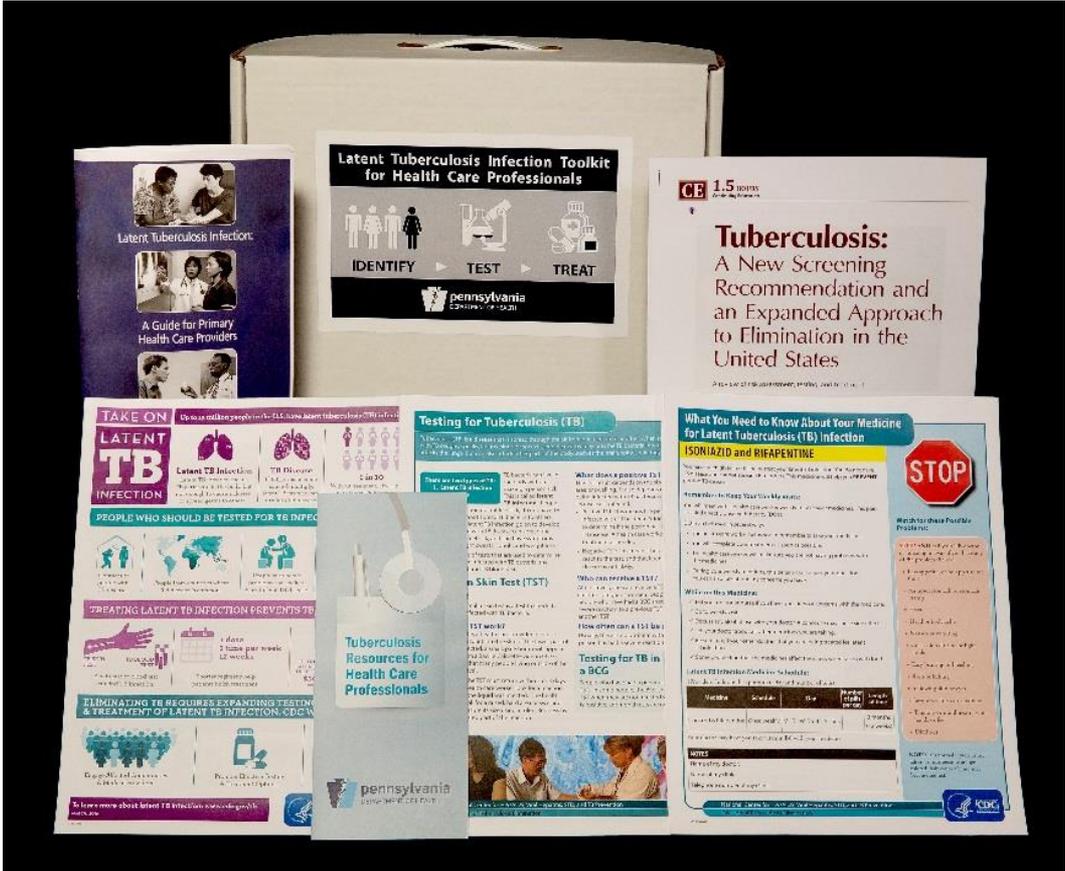
**CHILLS**      **WEIGHT LOSS**      **NIGHT SWEATS**

**LONG-TERM COUGH**      **NO APPETITE**      **FATIGUE**

All suspected or confirmed cases of active TB must be reported within five working days of being identified. Contact your local state health center, county or municipal health department, or the Pennsylvania TB Program.



# TB Infection Toolkit



# TB Program Contact Information

Pennsylvania Department of Health  
TB Program  
717-787-6267

