Primary Care Management of Latent Tuberculosis Infection in the Foreign-Born

Local TB information and statistics for Massachusetts Dept of Public Health

Local TB Controller: John Bernardo, MD
Available for consultation:

Dr. John Bernardo, State TB Control Officer
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• email: jbernard0@lung.bumc.bu.edu
EPIDEMIOLOGY
TB is Local: Massachusetts
### Characteristics of Active TB Cases 2005 (N=284) Massachusetts

<table>
<thead>
<tr>
<th>Place of Birth</th>
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<tbody>
<tr>
<td>Non US Born</td>
<td>205 (77%)</td>
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<tr>
<td>US-Born</td>
<td>60 (23%)</td>
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Trends in TB Cases in Non-US Born Persons
Massachusetts, 1991 – 2005

MDPH Bureau of Communicable Disease Control, ISIS
Percent of Tuberculosis Cases Place of Birth by World Regions, Massachusetts, 2005 (n=265)

- Asia: 33%
- Africa: 16%
- S. America: 7%
- Caribbean: 12%
- Central America: 6%
- N. America: 21%
- E. Europe: 3%
- Europe: 2%

(n=86)

MDPH Bureau of Communicable Disease Control, ISIS

- <1 year: 23%
- 1-5 years: 26%
- 6-10 years: 18%
- 11-15 years: 14%
- >15 years: 19%

Half of Massachusetts' active TB cases in the foreign born are diagnosed over 5 years after arrival.

MDPH Bureau of Communicable Disease Control, ISIS
Local Information
TB Clinic Locations

1. Boston Medical Center
2. Children's Hospital
3. Lemuel Shattuck Hospital
4. New: 2 half day clinics per month at Quincy
   - Chest Clinic at Quincy Medical Center
     • 2nd Thursday of the month 9am–1pm, and on the 4th Thursday 12 – 4pm.
     • Claire Murphy (NP) and Dr. Bernardo.
     • All services, including meds, are provided at no cost to the patient.
• Latent TB is *reportable* to the Massachusetts Department of Public Health (MDPH) per Massachusetts law. MDPH forwards all cases in Boston residents to the Boston Public Health Commission (BPHC) for follow up.
• Treatment for LTBI is offered free of charge in Massachusetts
Primary Care Management of Latent Tuberculosis Infection in the Foreign-Born Investigators

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- Jenny Pang MD, MPH, Seattle-King County Department of Public Health
- Nick DeLuca PhD, Centers for Disease Control and Prevention (CDC)
- Stacey Bryant RN, Research Coordinator