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

Local TB information and statistics for Hawaii Department of Public Health

Local TB Controller: Jessie Wing, MD
Hawaii TB Chief

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• TB Info Line: (808) 832-5738
EPIDEMIOLOGY

TB is Local: Hawaii
### Characteristics of Active TB Cases 2005 Hawaii

<table>
<thead>
<tr>
<th>Place of Birth</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Non US Born</td>
<td>81%</td>
</tr>
<tr>
<td>US-Born</td>
<td>19%</td>
</tr>
</tbody>
</table>
Active TB Rates in Countries of Origin 2005

Phillipines 293
Japan 30
COFA Nations* 8.1
Hawaii 8.8
USA 4.9

Incidence per 100,000

*COFA nations: Marshall Islands, Micronesia and Palau
Source: World Health Organization & Hawaii TB Control Program
Non-US Born Active TB Cases Place of Birth, Hawaii, 2005

- Phillipines 64%
- COFA nations 10%
- Japan 7%
- Vietnam 6%
- Indonesia 4%
# TB Cases from Pacific Jurisdictions

**Hawai`i, 2001 – 2005**

<table>
<thead>
<tr>
<th>Area</th>
<th>2001</th>
<th>2002</th>
<th>2003</th>
<th>2004</th>
<th>2005</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>COFA nations*</td>
<td>13</td>
<td>13</td>
<td>9</td>
<td>5</td>
<td>9</td>
<td>49</td>
</tr>
<tr>
<td>American Samoa</td>
<td>3</td>
<td>2</td>
<td>2</td>
<td>1</td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>Western Samoa</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Guam</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Saipan</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Tonga</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>16</strong></td>
<td><strong>16</strong></td>
<td><strong>13</strong></td>
<td><strong>6</strong></td>
<td><strong>10</strong></td>
<td><strong>61</strong></td>
</tr>
<tr>
<td><strong>% of total cases</strong></td>
<td><strong>10.7</strong></td>
<td><strong>10.8</strong></td>
<td><strong>11.2</strong></td>
<td><strong>5.2</strong></td>
<td><strong>8.9</strong></td>
<td><strong>9.5</strong></td>
</tr>
</tbody>
</table>

*Compact of Free Association (COFA) nations include: the Republic of the Marshall Islands, Federated States of Micronesia, and Palau

As of March 8, 2006
TB Cases by County Hawai`i, 2005

As of March 20, 2006
TB Cases by Age at Diagnosis
Hawai`i, 2005

N=112
As of Sept. 12, 2006

US: 34% of all new 2005 cases were 25 to 44 yrs. old

38% of all new cases were 65 years and older

Half of Hawaii’s active TB cases in the foreign born are diagnosed over 5 years after arrival.
Hawaii TB Facts Worth Noting

• Hawaii’s active TB rate for 2005 was 8.8 per 100,000 population, 80% higher than the US rate.
• In 2005, more than 45% of the non-US born tested in state TB clinics were TST (PPD) positive.
Local Information
TB Clinic Locations

• Lanakila Health Center
  1700 Lanakila Avenue
  832–5731

TB Testing Only (hours vary):

Diamond Head Health Center: 3627 Kilauea Ave.

Windward Health Center: 45–691 Keaahala Road

Wahiawa Nursing Office: 910 California Ave

Waipahu Civic Center: 94–275 Mokuola St

Waianae Community Services Center: 85–670 Farrington Hwy
The TB Clinic provides treatment for LTBI free of charge!
Primary Care Management of Latent Tuberculosis Infection in the Foreign-Born

Investigators
• Carey Jackson MD, MPH University of Washington
• 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