Primary Refugee Arrival by Month, Minnesota, 2009-2013

Refugee Health Program, Minnesota Department of Health
2013 Primary Refugee Arrivals To Minnesota (N=2,160)

Number of Refugee Arrivals By Initial County Of Resettlement

- 0
- 1-10
- 11-30
- 31-100
- 101-250
- 251-500
- >500
Primary Refugee Arrivals, Minnesota 2013

Somalia 39%
Burma 39%
Iraq 8%
Bhutan 7%
Ethiopia 3%
Other 4%

N=2,160

"Other" includes Afghanistan, Belarus, Cambodia, Cameroon, China, DR Congo, Cuba, Eritrea, Iran, Kenya, Liberia, Mexico, Moldova, Sudan, Togo, Ukraine, Vietnam, and West Bank
Primary Refugee Arrivals Screened
Minnesota, 2003-2013*

*Ineligible if moved out of state or to an unknown destination, unable to locate or died before screening

Refugee Health Program, Minnesota Department of Health
Primary Refugees Lost to Follow-up
Minnesota, 2013

N=73

- Screened Elsewhere, No Results, 32%
- Moved Out of State*, 23%
- Unable to Locate, Incorrect Address*, 21%
- Contact Failed, 11%
- Missed Appointment, 10%
- Refused Screening, 10%

*Ineligible for the refugee health assessment
### Primary Refugee Screenings by Region of Origin, Minnesota, 2013

<table>
<thead>
<tr>
<th>World Region</th>
<th>Total arrivals</th>
<th>Ineligible for Screening</th>
<th>Number Screened (%)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>SE Asia/E Asia</td>
<td>1,012</td>
<td>3</td>
<td>1,003 (99%)</td>
</tr>
<tr>
<td>Sub-Saharan Africa</td>
<td>953</td>
<td>23</td>
<td>916 (98%)</td>
</tr>
<tr>
<td>North Africa/ Middle East</td>
<td>181</td>
<td>6</td>
<td>156 (89%)</td>
</tr>
<tr>
<td>Eastern Europe</td>
<td>8</td>
<td>0</td>
<td>8 (100%)</td>
</tr>
<tr>
<td>Latin America/ Caribbean</td>
<td>6</td>
<td>0</td>
<td>4 (67%)</td>
</tr>
</tbody>
</table>

*Percent screened among the eligible
Refugee Screening Rates by Exam Type
Minnesota, 2013

<table>
<thead>
<tr>
<th>Condition</th>
<th>Rate</th>
<th>Count 1</th>
<th>Count 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health Screening</td>
<td>98%</td>
<td>2,087</td>
<td>2,128</td>
</tr>
<tr>
<td>Tuberculosis (TB)</td>
<td>98%</td>
<td>2,039</td>
<td>2,087</td>
</tr>
<tr>
<td>Hepatitis B</td>
<td>98%</td>
<td>2,051</td>
<td>2,087</td>
</tr>
<tr>
<td>Intestinal Parasites</td>
<td>96%</td>
<td>2,006</td>
<td>2,087</td>
</tr>
<tr>
<td>Lead (&lt;17 yrs old)</td>
<td>95%</td>
<td>807</td>
<td>849</td>
</tr>
<tr>
<td>STIs*</td>
<td>98%</td>
<td>2,047</td>
<td>2,087</td>
</tr>
<tr>
<td>Malaria</td>
<td>9%</td>
<td>185</td>
<td>2,087</td>
</tr>
</tbody>
</table>

*Screened for at least one type of STI

Refugee Health Program, Minnesota Department of Health
### Health Status of New Refugees, Minnesota, 2013

<table>
<thead>
<tr>
<th>Health status upon arrival infection</th>
<th>No of refugees screened</th>
<th>No(%) with among screened</th>
</tr>
</thead>
<tbody>
<tr>
<td>TB (latent or active)**</td>
<td>2,039 (98%)</td>
<td>455 (22%)</td>
</tr>
<tr>
<td>Hepatitis B infection***</td>
<td>2,051 (98%)</td>
<td>122 (6%)</td>
</tr>
<tr>
<td>Parasitic Infection****</td>
<td>2,006 (96%)</td>
<td>276 (14%)</td>
</tr>
<tr>
<td>Sexually Transmitted Infections (STIs)*****</td>
<td>2,047 (99%)</td>
<td>29 (1%)</td>
</tr>
<tr>
<td>Malaria Infection</td>
<td>185 (9%)</td>
<td>1 (1%)</td>
</tr>
<tr>
<td>Lead******</td>
<td>807 (96%)</td>
<td>88 (11%)</td>
</tr>
<tr>
<td>Hemoglobin</td>
<td>2,055 (98%)</td>
<td>395 (19%)</td>
</tr>
</tbody>
</table>

Total screened: **N=2,087** (98% of 2,128 eligible refugees)

* For refugees arriving into the US from 1/1/2013 through 12/31/2013

** Persons with LTBI (>= 10mm induration or IGRA+, normal CXR) or suspect/active TB disease

*** Positive for Hepatitis B surface antigen (HBsAg)

**** Positive for at least one intestinal parasite infection

***** Positive for at least one STI (tested for syphilis, HIV, chlamydia or gonorrhea)

****** Children <17 years old (N=849 screened); Lead Level ≥5 ug/dL
Tuberculosis (Latent or Active) Infection* Among Refugees By Region Of Origin, Minnesota, 2013

N=2,039 screened

Overall TB Infection: 22% (455/2,039)
- Sub-Saharan Africa: 30% (265/891)
- SE/East Asia: 18% (173/987)
- Latin America/Caribbean: 0% (0/3)
- North Africa/Middle East: 9% (14/150)
- Europe: 25% (2/8)

*Diagnosis of Latent TB infection (N=446) or Suspect/Active TB disease (N=9)

Refugee Health Program, Minnesota Department of Health
Hepatitis B infection Among Refugees by Region of Origin, Minnesota, 2013

Overall Hepatitis B Infection Rate: 6% (122/2,051)

Sub-Saharan Africa: 5% (43/898)

SE/East Asia: 8% (77/990)

Latin America/Caribbean: 0% (0/3)

North Africa/Middle East: 1% (2/152)

Europe: 0% (0/8)

N=2,051 screened
Intestinal Parasitic Infection* Among Refugees by Region of Origin, Minnesota, 2013

N=2,006 screened

Overall Parasitic Infection Rate: 14%
Sub-Saharan Africa: 15%
SE/East Asia: 14%
North Africa/Middle East: 10%
Europe: 0%
Latin America/Caribbean: 0%

*At least one type of pathogenic intestinal parasite

Refugee Health Program, Minnesota Department of Health
Health Status of New Refugees, Minnesota
Immunization Status, 2003 - 2013

% with Evidence of Immunizations

Year


Overseas Domestic

Refugee Health Program, Minnesota Department of Health