Primary* Refugee Arrivals to MN by Region of World 1979-2014

Number of arrivals

- Southeast Asia
- Sub-Saharan Africa
- Former Soviet Union
- Middle East/North Africa
- Eastern Europe
- Other

Refugee Health Program, Minnesota Department of Health

*First resettled in Minnesota
2014 Primary Refugee Arrivals To Minnesota (N=2,505)

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 2014

Somalia 45%
Burma 33%
Iraq 9%
Bhutan 3%
Ethiopia 3%
Other 7%

“Other” includes Afghanistan, Belarus, Cambodia, Cameroon, DR Congo, Cuba, Ecuador, El Salvador, Eritrea, the Gambia, Honduras, Iran, Kenya, Liberia, Moldova, Nepal, Russia, Rwanda, Sierra Leone, Sri Lanka, Sudan, Tanzania, Ukraine, and West Bank

Refugee Health Program, Minnesota Department of Health
Country of Origin by County of Resettlement, 2014

Refugee Health Program, Minnesota Department of Health
Primary Refugee Arrivals Screened
Minnesota, 2004-2014*

*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, 2014

- Screened Elsewhere, No Results, 37%
- Unable to Locate, Incorrect Address*, 32%
- Moved Out of State*, 23%
- Contact Failed, 5%
- Refused Screening, 4%

*Ineligible for the refugee health assessment

N=84

*Counted as ineligible for screening

Refugee Health Program, Minnesota Department of Health
# Primary Refugee Screenings by Region of Origin, Minnesota, 2014

<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>Sub-Saharan Africa</td>
<td>1,272</td>
<td>36</td>
<td>1,228 (99%)</td>
</tr>
<tr>
<td>SE Asia/E Asia</td>
<td>947</td>
<td>2</td>
<td>944 (&gt;99%)</td>
</tr>
<tr>
<td>North Africa/Middle East</td>
<td>229</td>
<td>6</td>
<td>194 (87%)</td>
</tr>
<tr>
<td>Eastern Europe</td>
<td>45</td>
<td>0</td>
<td>45 (100%)</td>
</tr>
<tr>
<td>Latin America/Caribbean</td>
<td>12</td>
<td>2</td>
<td>10 (100%)</td>
</tr>
</tbody>
</table>

Refugee Health Program, Minnesota Department of Health

*Percent screened among the eligible
Refugee Screening Rates by Exam Type
Minnesota, 2014

<table>
<thead>
<tr>
<th>Health Screening Rate</th>
<th>Health Screening Rate Rate</th>
<th>Malaria</th>
<th>STIs*</th>
<th>Intestinal Parasites</th>
<th>Tuberculosis (TB)</th>
<th>Hepatitis B</th>
<th>Lead (&lt;17 yrs old)</th>
<th>Health Screening Rate Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>98%</td>
<td>2,215/2,421</td>
<td>206/2,421</td>
<td>1,004/1,036</td>
<td>2,364/2,421</td>
<td>2,377/2,421</td>
<td>2,369/2,421</td>
<td>2,421/2,459</td>
<td>98%</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, 2014*

<table>
<thead>
<tr>
<th>Health status upon arrival</th>
<th>No of refugees screened</th>
<th>No(%) with infection among screened</th>
</tr>
</thead>
<tbody>
<tr>
<td>TB (latent or active)**</td>
<td>2,377 (98%)</td>
<td>522 (22%)</td>
</tr>
<tr>
<td>Hepatitis B infection***</td>
<td>2,369 (98%)</td>
<td>124 (5%)</td>
</tr>
<tr>
<td>Parasitic Infection****</td>
<td>2,215 (91%)</td>
<td>331 (15%)</td>
</tr>
<tr>
<td>Sexually Transmitted Infections (STIs)*****</td>
<td>2,364 (98%)</td>
<td>19 (1%)</td>
</tr>
<tr>
<td>Malaria Infection</td>
<td>206 (9%)</td>
<td>0 (0%)</td>
</tr>
<tr>
<td>Lead******</td>
<td>1,004 (97%)</td>
<td>71 (7%)</td>
</tr>
<tr>
<td>Hemoglobin</td>
<td>2,365 (98%)</td>
<td>503 (21%)</td>
</tr>
</tbody>
</table>

Total screened: **N=2,421** (98% of 2,459 eligible refugees)

* For refugees arriving into the US from 1/1/2014 through 12/31/2014

** 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=1,036 screened); Lead Level ≥5 ug/dL
Tuberculosis (Latent or Active) Infection* Among Refugees By Region Of Origin, Minnesota, 2014

N=2,377 screened

Overall TB Infection: 22% (522/2,377)
Sub-Saharan Africa: 30% (358/1,206)
SE/East Asia: 14% (126/933)
North Africa/Middle East: 16% (31/189)
Europe: 18% (7/39)

Latin America/Caribbean: 0% (0/10)

*Diagnosis of Latent TB infection (N=521) or Suspect/Active TB disease (N=4)

Refugee Health Program, Minnesota Department of Health
Hepatitis B infection Among Refugees by Region of Origin, Minnesota, 2014

N=2,369 screened

Overall Hepatitis B Infection Rate: 5% (124/2,369)
Sub-Saharan Africa: 4% (50/1,205)
SE/East Asia: 8% (74/927)
Latin America/Caribbean: 0% (0/10)
North Africa/Middle East: 0% (0/190)
Europe: 0% (0/37)

Refugee Health Program, Minnesota Department of Health
Intestinal Parasitic Infection* Among Refugees by Region of Origin, Minnesota, 2014

N=2,215 screened

- **Overall Parasitic Infection Rate**: 15% (331/2,215)
- **Sub-Saharan Africa**: 16% (170/1,063)
- **SE/East Asia**: 15% (141/928)
- **Latin America/Caribbean**: 0% (0/9)
- **North Africa/Middle East**: 11% (19/177)
- **Europe**: 3% (1/38)

*At least one type of pathogenic intestinal parasite

Refugee Health Program, Minnesota Department of Health
Health Status of New Refugees, Minnesota Immunization Status, 2004 – 2014

% with Evidence of Immunizations

Year

Overseas

Domestic

Year