Primary* Refugee Arrivals to MN by Region of World 1979-2007

Refugee Health Program, Minnesota Department of Health

*First resettled in Minnesota
2007 Primary Refugee Arrival To Minnesota (N=2,867)

Number of Refugees Arrival By Initial County Of Resettlement

- 0
- 1-10
- 21-40
- 41-100
- 101-200
- 901-1000
- 1001-1500
Primary Refugee Arrivals, Minnesota, 2007

- Somalia: 40%
- Burma: 21%
- Liberia: 13%
- Ethiopia: 13%
- FSU: 6%
- Laos/Hmong: 2%
- Cameroon: 1%
- Other: 4%

“Other” includes Afghanistan, Chad, China (incl. Tibet), DR Congo, Cuba, Eritrea, France, Indonesia, Ivory Coast, Kenya, Nigeria, Sierra Leone, Sudan, Togo, Uganda and Vietnam.

Refugee Health Program, Minnesota Department of Health
Primary Refugee Arrivals Screened in Minnesota 1997-2007

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

Refugee Health Program, Minnesota Department of Health
Primary Refugees Lost to Follow-up
Minnesota, 2007

N=176

- Moved Out of State*
- Contact Failed
- Missed Appointment
- Screened Elsewhere, No Results
- Refused Screening
- Unable To Locate*
- Moved to Unknown Destination*
- Data Not Returned

*Ineligible for the refugee health assessment

Refugee Health Program, Minnesota Department of Health
Primary Refugee Screenings by Region of Origin, Minnesota, 2007

<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>1,981</td>
<td>97</td>
<td>1,850 (98)</td>
</tr>
<tr>
<td>E.Asia/SE Asia</td>
<td>705</td>
<td>26</td>
<td>673 (99)</td>
</tr>
<tr>
<td>Eastern/Western Europe</td>
<td>168</td>
<td>1</td>
<td>159 (95)</td>
</tr>
<tr>
<td>Latin America/Caribbean</td>
<td>13</td>
<td>4</td>
<td>9 (90)</td>
</tr>
</tbody>
</table>

*Percent screened among the eligible
Refugee Screening Rates by Exam Type
Minnesota, 2007

- Health Screening Rate: 98% (2,691/2,740)
- Tuberculosis (TB): 98% (2,643/2,691)
- Hepatitis B: 99% (2,652/2,691)
- Intestinal Parasites: 93% (2,516/2,691)
- Lead (<6 yrs old): 92% (205/223)
- STIs: 77% (2,066/2,691)
- Malaria: 1% (33/2,691)

Refugee Health Program, Minnesota Department of Health
## Health Status of New Refugees, Minnesota, 2007

<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>2,643 (98%)</td>
<td>1,176 (45%)</td>
</tr>
<tr>
<td>Hepatitis B infection**</td>
<td>2,652 (99%)</td>
<td>206 (8%)</td>
</tr>
<tr>
<td>Parasitic Infection***</td>
<td>2,516 (93%)</td>
<td>382 (15%)</td>
</tr>
<tr>
<td>Sexually Transmitted Infections(STIs)****</td>
<td>2,066 (77%)</td>
<td>29 (1%)</td>
</tr>
<tr>
<td>Malaria Infection</td>
<td>34 (1%)</td>
<td>1 (3%)</td>
</tr>
<tr>
<td>Lead*****</td>
<td>205 (92%)</td>
<td>8 (4%)</td>
</tr>
</tbody>
</table>

Total screened: N=2,691 (98% of the 2,740 eligible refugees)

* Persons with Latent TB infection or suspect/active TB disease diagnosis
** Positive for Hepatitis B surface antigen (HBsAG)
*** Positive for at least one pathogenic intestinal parasite infection
**** Positive for at least one STI
*****Children <6 year old (N=223 screened)
Tuberculosis (Latent or Active) Infection* Rate Among Refugees By Region Of Origin, Minnesota, 2007

N=2,643 screened

Overall TB Infection Rate
- 45% (1,176/2,643)

Sub-Saharan Africa
- 50% (902/1,815)

SE/East Asia
- 34% (230/670)

Europe
- 29% (44/150)

*Diagnosis of Latent TB infection or Suspect/Active TB disease

Refugee Health Program, Minnesota Department of Health
Hepatitis B infection Rate Among Refugees by Region of Origin, Minnesota, 2007

N=2,652 screened

Overall Hepatitis B Infection Rate
- 8% 206/2,652

Sub-Saharan Africa
- 8% 150/1,820

SE/East Asia
- 8% 55/673

Europe
- 1% 1/154

Refugee Health Program, Minnesota Department of Health
## Intestinal Parasitic Infection* Rates Among Refugees by Region of Origin, Minnesota, 2007

<table>
<thead>
<tr>
<th>Region</th>
<th>Parasitic Infection Rate</th>
<th>Number Infected</th>
<th>Total Screened</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall Parasite</td>
<td>15%</td>
<td>382/2,516</td>
<td></td>
</tr>
<tr>
<td>Sub-Saharan Africa</td>
<td>16%</td>
<td>284/1,731</td>
<td></td>
</tr>
<tr>
<td>SE/East Asia</td>
<td>15%</td>
<td>96/652</td>
<td></td>
</tr>
<tr>
<td>Europe</td>
<td>2%</td>
<td>2/130</td>
<td></td>
</tr>
</tbody>
</table>

*At least one type of pathogenic intestinal parasite

Refugee Health Program, Minnesota Department of Health