Primary* Refugee Arrivals to MN by Region of World
1979-2006

Number of arrivals

Southeast Asia  Sub-Saharan Africa  Eastern Europe  FSU  Other

Refugee Health Program, Minnesota Department of Health

*First resettled in Minnesota
Primary Refugee Arrival, Minnesota, 2003-2006

Refugee Health Program, Minnesota Department of Health
Primary Refugee Arrivals, Minnesota, 2006

- Somalia: 9%
- Ethiopia: 3%
- Liberia: 7%
- Burma: 4%
- FSU: 2%
- Hmong: 6%
- Other: 6%

“Other” includes Cambodia, Cameroon, China (also Tibet), Congo, Cuba, Eritrea, Gabon, Guinea, Iran, Kenya, Nepal, Nigeria, Sierra Leone, Sudan, Togo, Vietnam, and Zimbabwe

Refugee Health Program, Minnesota Department of Health
Primary Refugee Arrivals Screened in Minnesota 1997-2006

*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, 2006

N=656

- Moved Out of State*
- Screened Elsewhere, No Results
- Missed Appointment
- Refused Screening
- Unable To Locate*
- Contact Failed
- 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, 2006

<table>
<thead>
<tr>
<th>World Region</th>
<th>Total arrivals</th>
<th>Ineligible for Screening</th>
<th>Number Screened (%)&lt;sup&gt;*&lt;/sup&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sub-Saharan Africa</td>
<td>4,762</td>
<td>441</td>
<td>4,148 (96)</td>
</tr>
<tr>
<td>E.Asia/SE Asia</td>
<td>469</td>
<td>11</td>
<td>456 (100)</td>
</tr>
<tr>
<td>Eastern Europe</td>
<td>112</td>
<td>1</td>
<td>89 (80)</td>
</tr>
<tr>
<td>Latin America/Caribbean</td>
<td>9</td>
<td>6</td>
<td>3 (100)</td>
</tr>
<tr>
<td>North Africa/Middle East</td>
<td>2</td>
<td>-</td>
<td>2 (100)</td>
</tr>
</tbody>
</table>

*Percent screened among the eligible*
Refugee Screening Rates by Exam Type
Minnesota, 2006

Health Screening Rate
- 96% (4,698/4,895)

Tuberculosis (TB)
- 92% (4,344/4,698)

Hepatitis B
- 97% (4,570/4,698)

Intestinal Parasites
- 91% (4,292/4,698)

Lead (<6 yrs old)
- 91% (297/328)

STIs
- 82% (3,830/4,698)

Malaria
- 3% (148/4,698)

Refugee Health Program, Minnesota Department of Health
# Health Status of New Refugees, Minnesota, 2006

<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>4,344 (92%)</td>
<td>1,990 (46%)</td>
</tr>
<tr>
<td>Hep B infection**</td>
<td>4,570 (97%)</td>
<td>397 (9%)</td>
</tr>
<tr>
<td>Parasitic Infection***</td>
<td>4,292 (91%)</td>
<td>684 (16%)</td>
</tr>
<tr>
<td>Sexually Transmitted Infections(STIs)****</td>
<td>3,830 (82%)</td>
<td>75 (2%)</td>
</tr>
<tr>
<td>Malaria Infection</td>
<td>148 (3%)</td>
<td>1 (&lt;1%)</td>
</tr>
<tr>
<td>Lead*****297 (91%) 14 (5%)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total screened: N=4,698 (96% of the 4,895 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 intestinal parasite infection
**** Positive for at least one STI
*****Children <6 year old (N=328)
Tuberculosis (Latent or Active) Infection* Rate Among Refugees By Region Of Origin, Minnesota, 2006

N=4,344 screened

Overall TB Infection Rate
- 46% 1,990/4,344

Europe
- 50% 42/84

Sub-Saharan Africa
- 49% 1,855/3,824

SE/East Asia
- 21% 92/431

*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, 2006

N=4,570 screened

Overall Hepatitis B Infection Rate
- 9% 397/4,570

Sub-Saharan Africa
- 9% 355/4,033

SE/East Asia
- 8% 37/448

Eastern Europe
- 6% 5/84

Refugee Health Program, Minnesota Department of Health
Intestinal Parasitic Infection* Rates Among Refugees by Region of Origin, Minnesota, 2006

N=4,292 screened

Overall Parasitic Infection Rate
- 16% (684/4,292)

SE/East Asia
- 22% (92/423)

Sub-Saharan Africa
- 15% (589/3,801)

Eastern Europe
- 5% (3/65)

*At least one type of parasite

Refugee Health Program, Minnesota Department of Health