Primary* Refugee Arrivals to MN by Region of World 1979-2005

Refugee Health Program, Minnesota Department of Health

*First resettled in Minnesota
Primary Refugee Arrival, Minnesota, 2001-2005

Number of Arrivals

Month

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

2002 2003 2004 2005

Refugee Health Program, Minnesota Department of Health
Primary Refugee Arrivals, Minnesota, 2005

- **Hmong**: 32% (N=5323)
- **Somalia**: 44%
- **Ethiopia**: 6%
- **Liberia**: 8%
- **FSU**: 3%
- **Burma**: 3%
- **Other**: 4%

“Other” includes Burundi, Cambodia, Cameroon, China (also Tibet), Congo, Cuba, Eritrea, Guinea, Kenya, Rwanda, Sierra Leone, Sudan, Togo, Vietnam, Yemen and Zimbabwe.

Refugee Health Program, Minnesota Department of Health
Primary Refugee Arrivals Screened in Minnesota 1996-2005

*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, 2005

N=354

- Unable To Locate: 41%
- Moved Out of State: 20%
- Refused Screening: 4%
- Screened Elsewhere, No Results: 4%
- Missed Appointment: 3%
- Moved to Unknown Destination: 3%
- Contact Failed: 1%
- Data Not Returned: 5%

Refugee Health Program, Minnesota Department of Health
### Primary Refugee Screenings by Region of Origin, Minnesota, 2005

<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>3206</td>
<td>185</td>
<td>2925 (97)</td>
</tr>
<tr>
<td>E.Asia/SE Asia</td>
<td>1933</td>
<td>36</td>
<td>1872 (99)</td>
</tr>
<tr>
<td>Eastern Europe</td>
<td>178</td>
<td>-</td>
<td>167 (94)</td>
</tr>
<tr>
<td>Latin America/Caribbean</td>
<td>5</td>
<td>2</td>
<td>3 (100)</td>
</tr>
<tr>
<td>North Africa/Middle East</td>
<td>1</td>
<td>-</td>
<td>1 (100)</td>
</tr>
</tbody>
</table>

*Percent screened among the eligible
Refugee Screening Rates by Exam Type
Minnesota, 2005

- Health Screening Rate: 97%
- Tuberculosis (TB): 98%
- Hepatitis B: 98%
- Intestinal Parasites: 94%
- Lead (<6 yrs old): 86%
- STIs: 74%
- Malaria: 2%

Refugee Health Program, Minnesota Department of Health
### Health Status of New Refugees, Minnesota, 2005

<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>4888 (98%)</td>
<td>1962 (40%)</td>
</tr>
<tr>
<td>Hep B infection**</td>
<td>4861 (98%)</td>
<td>436 (9%)</td>
</tr>
<tr>
<td>Parasitic Infection***</td>
<td>4693 (94%)</td>
<td>721 (15%)</td>
</tr>
<tr>
<td>Sexually Transmitted</td>
<td>3635 (74%)</td>
<td>63 (2%)</td>
</tr>
<tr>
<td>Infections(STIs)****</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Malaria Infection</td>
<td>113 (2%)</td>
<td>0 (0%)</td>
</tr>
<tr>
<td>Lead*****</td>
<td>488 (86%)</td>
<td>20 (4%)</td>
</tr>
</tbody>
</table>

Total screened: **N=4968** (97% of the 5100 eligible refugees)

* Persons with >= 10mm induration from Tuberculin Skin Test
** 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=567)
Tuberculosis (Latent or Active) Infection* Rate Among Refugees By Region Of Origin, Minnesota, 2005

N=4888 screened

Overall TB Infection Rate
- 40% (1944/4888)

Sub-Saharan Africa
- 51% (1470/2875)

Europe
- 30% (47/157)

SE/East Asia
- 24% (443/1852)

*Tuberculin Skin Test (TST) >=10mm induration

Refugee Health Program, Minnesota Department of Health
Hepatitis B infection Rate Among Refugees by Region of Origin, Minnesota, 2005

N=4861 screened

Overall Hep B Infection Rate
- 9% 436/4861

SE/East Asia
- 9% 174/1856

Sub-Saharan Africa
- 9% 256/2843

Eastern Europe
- 4% 6/158

Refugee Health Program, Minnesota Department of Health
Intestinal Parasitic Infection* Rates Among Refugees by Region of Origin, Minnesota, 2005

N=4693 screened

Overall Parasitic Infection Rate
- 15% 721/4693

SE/East Asia
- 20% 367/1806

Sub-Saharan Africa
- 12% 349/2748

Eastern Europe
- 3% 4/135

* At least one type of parasite

Refugee Health Program, Minnesota Department of Health