Primary* Refugee Arrivals to MN by Region of World 1979-2015

Number of arrivals

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

Refugee Health Program, Minnesota Department of Health

*First resettled in Minnesota
Primary Refugee Arrivals, Minnesota 2015

N=2,244

- Somalia, 1,006 (45%)
- Burma, 763 (34%)
- Bhutan, 64 (3%)
- Iraq, 126 (6%)
- Ethiopia, 79 (3%)
- Other*, 206 (9%)

“Other” includes Afghanistan, Belarus, Cameroon, Rep. of Congo, Cuba, DR Congo, Eritrea, Honduras, Iran, Liberia, Mexico, Moldova, Nepal, Russia, Sri Lanka, Sudan, Syria, Tanzania, Ukraine, and Vietnam.
Country of Origin by County of Resettlement, 2015

N=404

 Ramsey
N=1,156

Hennepin
N=404

 Stearns
N=232

Olmsted
N=98

Refugee Health Program, Minnesota Department of Health
Primary Refugee Arrivals Screened
Minnesota, 2005-2015*

Ineligible if moved out of state or to an unknown destination, no insurance, unable to locate or died before screening

*2015 data are preliminary
Primary Refugees Lost to Follow-up
Minnesota, 2015

- Unable to Locate, Incorrect Address*, 22%
- Moved Out of State*, 21%
- Contact Failed, 12%
- Refused Screening, 3%
- No Insurance*, 1%
- Moved to Unknown Destination*, 1%
- Screened Elsewhere, No Results, 39%

N=76

*Ineligible for the refugee health assessment
## Primary Refugee Screenings by Region of Origin, Minnesota, 2015

<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>1,150</td>
<td>28</td>
<td>1,109 (99%)</td>
</tr>
<tr>
<td>SE Asia/E Asia</td>
<td>884</td>
<td>4</td>
<td>880 (100%)</td>
</tr>
<tr>
<td>North Africa/ Middle East</td>
<td>149</td>
<td>0</td>
<td>122 (82%)</td>
</tr>
<tr>
<td>Eastern Europe</td>
<td>58</td>
<td>1</td>
<td>57 (98%)</td>
</tr>
<tr>
<td>Latin America/ Caribbean</td>
<td>3</td>
<td>2</td>
<td>1 (100%)</td>
</tr>
</tbody>
</table>

*Percent screened among the eligible
Refugee Screening Rates by Exam Type
Minnesota, 2015

- Health Screening Rate: 98% (2,168/2,209)
- Tuberculosis (TB): 99% (2,137/2,168)
- Hepatitis B: 98% (2,084/2,166)
- Intestinal Parasites: 88% (1,909/2,168)
- Lead (<17 yrs old): 97% (949/992)
- STIs*: 97% (2,095/2,168)
- Malaria: 4% (96/2,168)

*Screened for at least one type of STI

Refugee Health Program, Minnesota Department of Health
# Health Status of New Refugees, Minnesota, 2015

<table>
<thead>
<tr>
<th>Health status upon arrival</th>
<th>No. of refugees</th>
<th>No. (%) with infection</th>
</tr>
</thead>
<tbody>
<tr>
<td>TB (latent or active)**</td>
<td>2,137 (97%)</td>
<td>425 (20%)</td>
</tr>
<tr>
<td>Hepatitis B infection***</td>
<td>2,084 (98%)</td>
<td>87 (4%)</td>
</tr>
<tr>
<td>Parasitic Infection****</td>
<td>1,909 (88%)</td>
<td>326 (17%)</td>
</tr>
<tr>
<td>Sexually Transmitted Infections (STIs)*****</td>
<td>2,095 (97%)</td>
<td>17 (1%)</td>
</tr>
<tr>
<td>Malaria Infection</td>
<td>96 (4%)</td>
<td>0 (0%)</td>
</tr>
<tr>
<td>Lead******</td>
<td>949 (96%)</td>
<td>64 (7%)</td>
</tr>
<tr>
<td>Hemoglobin</td>
<td>2,130 (98%)</td>
<td>478 (23%)</td>
</tr>
</tbody>
</table>

*Total screened: N=2,168 (98% of 2,209 eligible refugees)

** 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=992 screened); lead level ≥5 µg/dL
Tuberculosis (Latent or Active) Infection* Among Refugees By Region Of Origin, Minnesota, 2015

N=2,137 screened

Overall TB Infection* 425/2,137 20%
Sub-Saharan Africa 304/1,088 28%
SE/East Asia 110/873 13%
Latin America/Caribbean 0/1 0%
North Africa/Middle East 4/122 3%
Europe 7/53 13%

*Diagnosis of Latent TB infection (N=413) or Suspect/Active TB disease (N=12)
Hepatitis B* infection Among Refugees by Region of Origin, Minnesota, 2015

N=2,084 screened

Overall Hepatitis B Infection Prevalence: 87/2,084 (4%)
Sub-Saharan Africa: 36/1,057 (3%)
SE/East Asia: 50/852 (6%)
Latin America/Caribbean: 0/1 (0%)
North Africa/Middle East: 0/121 (0%)
Europe: 1/53 (0%)

Refugee Health Program, Minnesota Department of Health
Intestinal Parasitic Infection* Among Refugees by Region of Origin, Minnesota, 2015

N=1,909 screened

- Overall Prevalence of Parasitic Infection: 326/1,909 (15%)
- Sub-Saharan Africa: 169/889 (19%)
- SE/East Asia: 145/847 (17%)
- Latin America/Caribbean: 0/1 (0%)
- North Africa/Middle East: 9/119 (8%)
- Europe: 2/50 (4%)

*At least parasitic infection found via stool or serology (excluding nonpathogenic)
Health Status of New Refugees, Minnesota
Immunization Status, 2004 – 2015

% with Evidence of Immunizations

Year

Overseas
Domestic

Refugee Health Program, Minnesota Department of Health