Primary* Refugee Arrivals to MN by Region of World
1979-2016

*First resettled in Minnesota
Primary Refugee Arrivals by Month, Minnesota, 2012-2016
Primary Refugee Arrivals, Minnesota, 2016

- Somalia, 1425 (45%)
- Burma, 658 (21%)
- Ethiopia, 291 (9%)
- Iraq, 193 (6%)
- Bhutan, 128 (4%)
- DR Congo, 104 (3%)
- Other*, 386 (12%)

*N=3,186

*“Other” Afghanistan, Belarus, Burundi, Cameroon, China, Rep. of Congo, Dominican Republic, Egypt, El Salvador, Eritrea, Guinea, Honduras, Iran, Kazakhstan, Kenya, Liberia, Mexico, Moldova, Russia, Sri Lanka, Sudan, Syria, Tanzania, Tibet, Togo, and Ukraine
Country of Origin by County of Resettlement, 2016

- Ramsey: N=1,467
  - Somalia: ~450
  - Somalia: ~400
  - Ethopia: ~100
  - Burma: ~60
  - Bhutan: ~50
  - Other: ~90

- Hennepin: N=631
  - Somalia: ~600
  - Egypt: ~250
  - Burma: ~150
  - Somalia: ~100
  - DR Congo: ~100
  - Other: ~50

- Stearns: N=281
  - Somalia: ~250
  - Somalia: ~200
  - Other: ~50

- Anoka: N=192
  - Iraq: ~40
  - Somalia: ~30
  - Moldova: ~20
  - Ukraine: ~10
  - Other: ~10

*2015 data are preliminary
Primary Refugee Arrivals Screened in Minnesota, 2006 –2016

Ineligible if moved out of state or to an unknown destination, no insurance, unable to locate or died before screening.
Primary Refugees Reasons for No Screening, Minnesota, 2016

- Unable to Locate*, 45%
- Moved out of MN*, 16%
- Contact Failed, 13%
- Refused Screening, 8%
- No Insurance*, 8%
- Screened Elsewhere, No Results, 5%
- Died Before Screening*, 1%
- Missed Appointments, 1%
- Screened Elsewhere, No Results, 5%

N= 85

*Ineligible for the refugee health assessment
Primary Refugee Screenings by Region of Origin, Minnesota, 2016

<table>
<thead>
<tr>
<th>World Region</th>
<th>Total arrivals</th>
<th>Ineligible for Screening</th>
<th>No. Screened (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sub-Saharan Africa</td>
<td>1,892</td>
<td>43</td>
<td>1,838 (99%)</td>
</tr>
<tr>
<td>SE Asia/E Asia</td>
<td>835</td>
<td>9</td>
<td>825 (&gt;99%)</td>
</tr>
<tr>
<td>North Africa/Middle East</td>
<td>230</td>
<td>1</td>
<td>225 (98%)</td>
</tr>
<tr>
<td>Eastern Europe</td>
<td>177</td>
<td>2</td>
<td>171 (98%)</td>
</tr>
<tr>
<td>Latin America/Caribbean</td>
<td>52</td>
<td>6</td>
<td>42 (91%)</td>
</tr>
</tbody>
</table>

*Percent screened among the eligible
Refugee Screening Rates by Exam Type
Minnesota, 2016

Health Screening Rate: 3,101 / 3,125 (99%)

- Tuberculosis (TB): 3,032 / 3,101 (98%)
- Hepatitis B: 2,768 / 3,101 (89%)
- Intestinal Parasites: 2,463 / 3,101 (79%)
- Lead (<17 yrs old): 1,337 / 1,382 (97%)
- STIs**: 3,002 / 3,101 (97%)
- Malaria: 245 / 3,101 (8%)

**Screened for at least one type of STI
<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>3,032 (98%)</td>
<td>649 (21%)</td>
</tr>
<tr>
<td>Hepatitis B infection***</td>
<td>2,768 (89%)</td>
<td>135 (5%)</td>
</tr>
<tr>
<td>Parasitic Infection****</td>
<td>2,463 (79%)</td>
<td>468 (19%)</td>
</tr>
<tr>
<td>Sexually Transmitted Infections (STIs)****</td>
<td>3,002 (97%)</td>
<td>47 (2%)</td>
</tr>
<tr>
<td>Malaria Infection</td>
<td>245 (8%)</td>
<td>1 (&lt;1%)</td>
</tr>
<tr>
<td>Lead********</td>
<td>1,337(97%)</td>
<td>106 (8%)</td>
</tr>
<tr>
<td>Hemoglobin</td>
<td>3,062 (99%)</td>
<td>608 (20%)</td>
</tr>
</tbody>
</table>

*Total screened: N=3,101 (99% of 3,125 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=1,382 screened); lead level ≥5 µg/dL
Tuberculosis Infection* Among Refugees By Region Of Origin, Minnesota, 2016

N=3,032 screened

- Overall TB Infection: 649 / 3,032 (21%)
- Sub-Saharan Africa: 527 / 1,786 (30%)
- SE/East Asia: 98 / 814 (12%)
- Latin America/Caribbean: 5 / 42 (12%)
- North Africa/Middle East: 5 / 224 (5%)
- Europe: 8 / 166 (5%)

*Diagnosis of Latent TB infection (N=644) or Suspect/Active TB disease (N=5)
Intestinal Parasitic Infection* Among Refugees by Region of Origin, Minnesota, 2016

N=2,463 screened

- **Overall Parasitic Infection**: 468 / 2,463 (19%)
- **Sub-Saharan Africa**: 272 / 1,344 (20%)
- **SE/East Asia**: 173 / 753 (23%)
- **Latin America/Caribbean**: 3 / 41 (7%)
- **North Africa/Middle East**: 13 / 186 (7%)
- **Europe**: 132 / 139 (5%)

*At least 1 parasitic infection found via stool or serology (excluding nonpathogenic)
## Hepatitis B* Infection Among Refugees by Region of Origin, Minnesota, 2016

### Overall Hep B Infection

<table>
<thead>
<tr>
<th>Region</th>
<th>Number of Cases</th>
<th>Total Screened</th>
<th>Infection Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall</td>
<td>135</td>
<td>2,768</td>
<td>5%</td>
</tr>
<tr>
<td>Sub-Saharan Africa</td>
<td>82</td>
<td>1,560</td>
<td>5%</td>
</tr>
<tr>
<td>SE/East Asia</td>
<td>48</td>
<td>801</td>
<td>6%</td>
</tr>
<tr>
<td>Latin America/Caribbean</td>
<td>0</td>
<td>42</td>
<td>0%</td>
</tr>
<tr>
<td>North Africa/Middle East</td>
<td>1</td>
<td>225</td>
<td>1%</td>
</tr>
<tr>
<td>Europe</td>
<td>4</td>
<td>140</td>
<td>3%</td>
</tr>
</tbody>
</table>

*+HBsAg

N=2,768 screened
Health Status of New Refugees, Minnesota Immunization Status, 2002 – 2016

% with Evidence of Immunizations

Year


Overseas
Domestic