



# Refugee Health Screening in MN

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Burma Health Dialogue: From Entry to Integration

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# Worldwide Statistics, 2010

- Total forcibly displaced 43.7 million
- Total refugees\* 15.4 million
- Total internally displaced persons 27.5 million
- New refugee and asylum seekers, 2010 845,800
- Total resettled (2009) 84,657

# Principal Sources of Refugees 2010\*

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1.	Palestine	4,820,000
2.	Afghanistan	3,054,709
3.	Iraq	1,683,575
4.	Somalia	770,148
5.	Congo-Kinshasa	476,693
6.	Sudan	379,067
7.	Vietnam	338,698
8.	Myanmar (Burma)	215,644
9.	Eritrea	205,458
10.	China	184,602

\*As of December 31, 2010

UNHCR Global Trends 2010, United Nations Higher Commissioner for Refugees

# Main Countries of Refugee Resettlement, 2009

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1.	United States	62,011
2.	Australia	6,720
3.	Canada	6,582
4.	Germany	2,064
5.	Sweden	1,880
6.	Norway	1,367
7.	United Kingdom	969
8.	Finland	710
9.	New Zealand	675
10.	Denmark	488
11.	Others	1,191

**N=84,657**

# Where will Burmese arrive in US?

Estimated # registered Burmese living at Thai Border (as of 2012):  
**92,000**

St. Paul, MN

San Francisco, CA

New York, NY

Jacksonville, FL

Hartford, CT

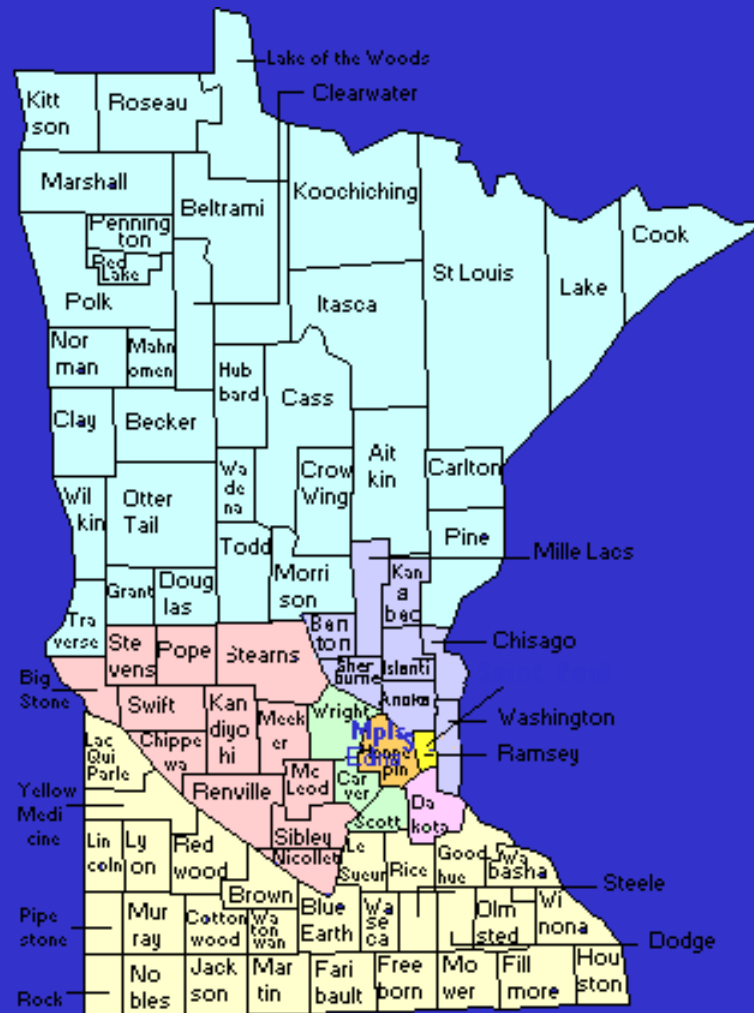
Omaha, NE

Fort Wayne, TX

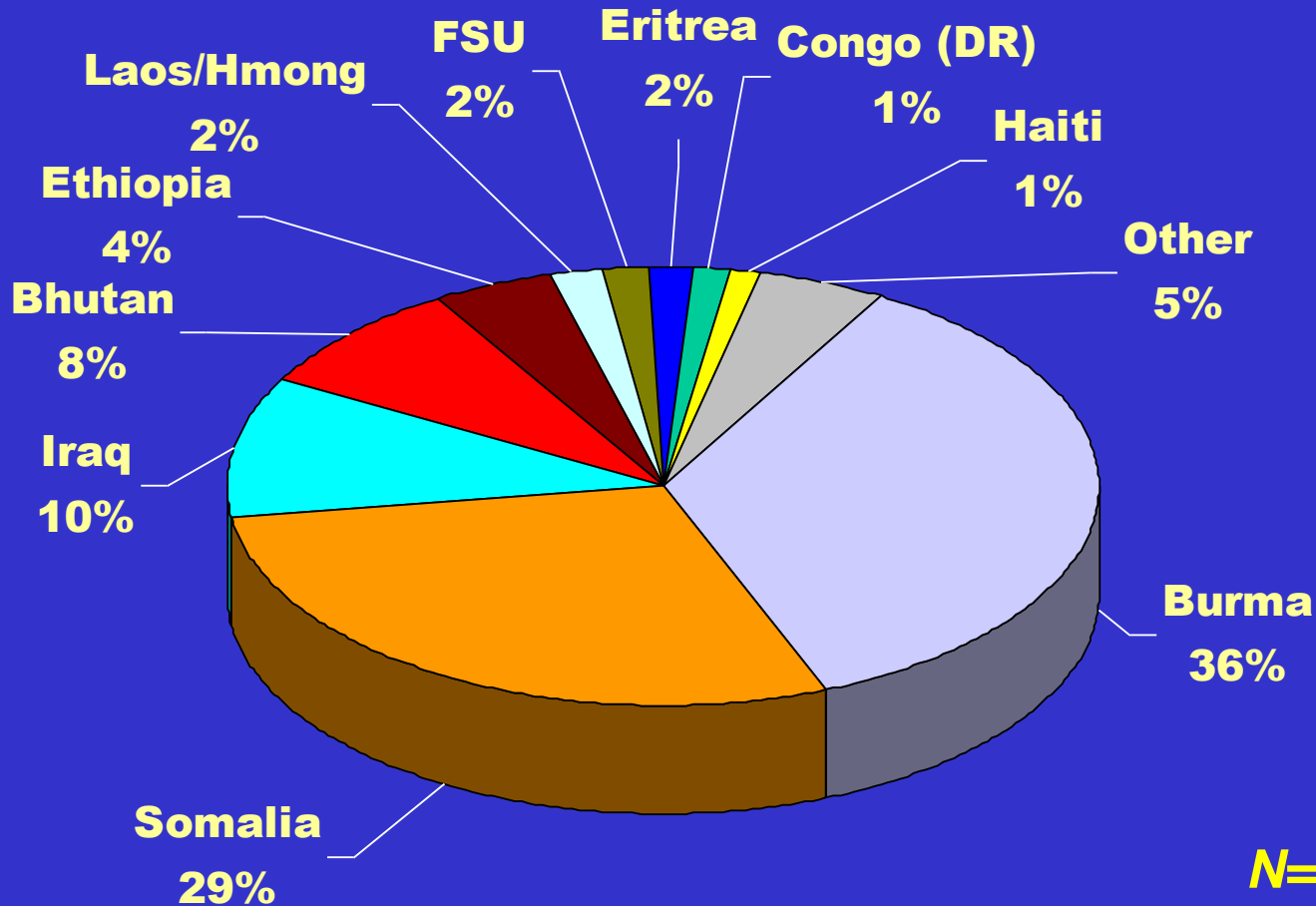
Ithaca, NY



# Welcome to Minnesota!



# Primary Refugee Arrivals, Minnesota 2010

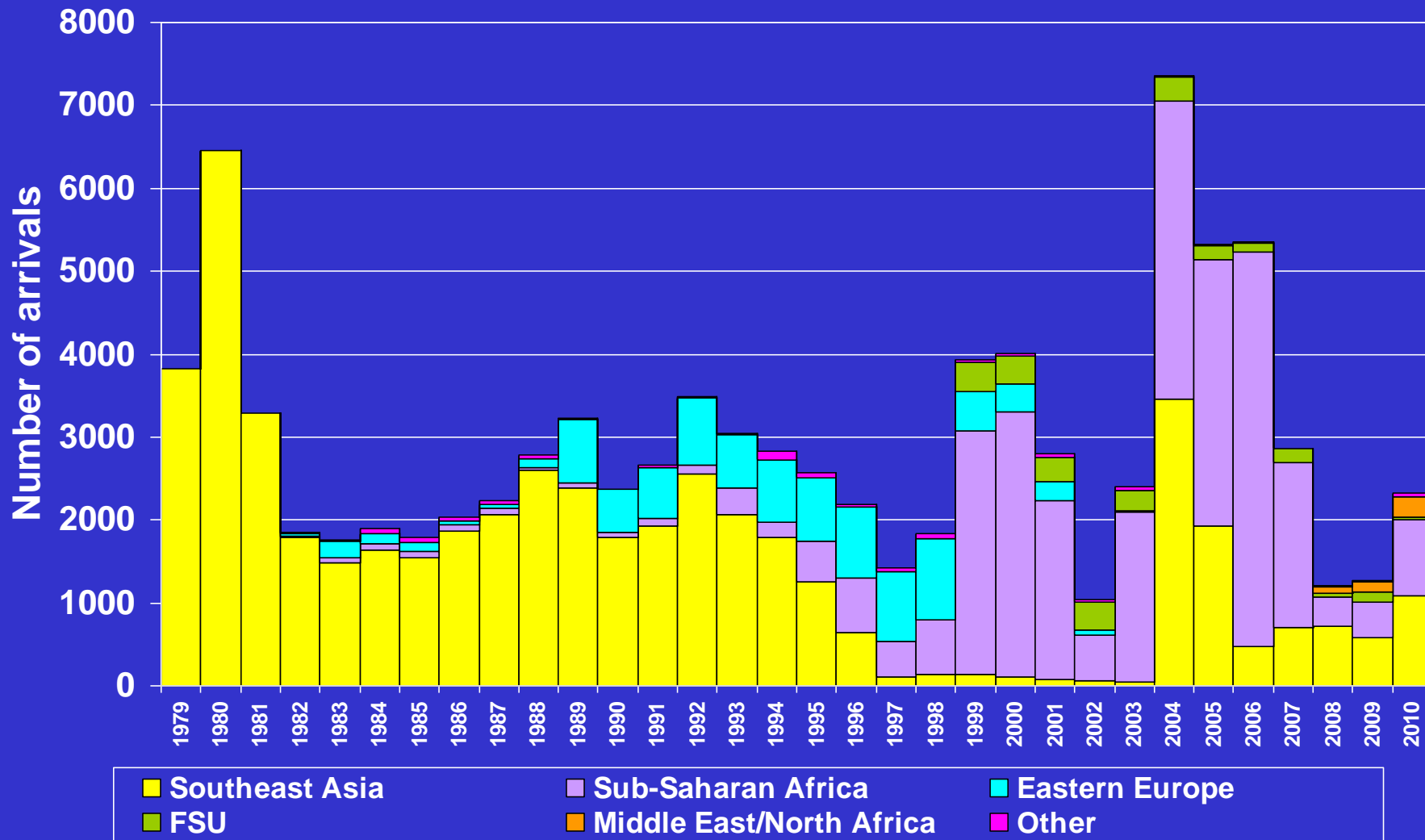


**N=2,320**

“Other” includes Afghanistan, Cambodia, Cameroon, China (incl. Tibet), Colombia, Cuba, Guinea, Kenya, Liberia, Mali, Mexico, Nigeria, Rwanda, Saudi Arabia, Sierra Leone, Sudan and Togo

\*“FSU” includes Armenia, Belarus, Kyrgyzstan, Moldova, Ukraine and Uzbekistan

# Refugee Arrivals to MN by Region of World 1979-2010



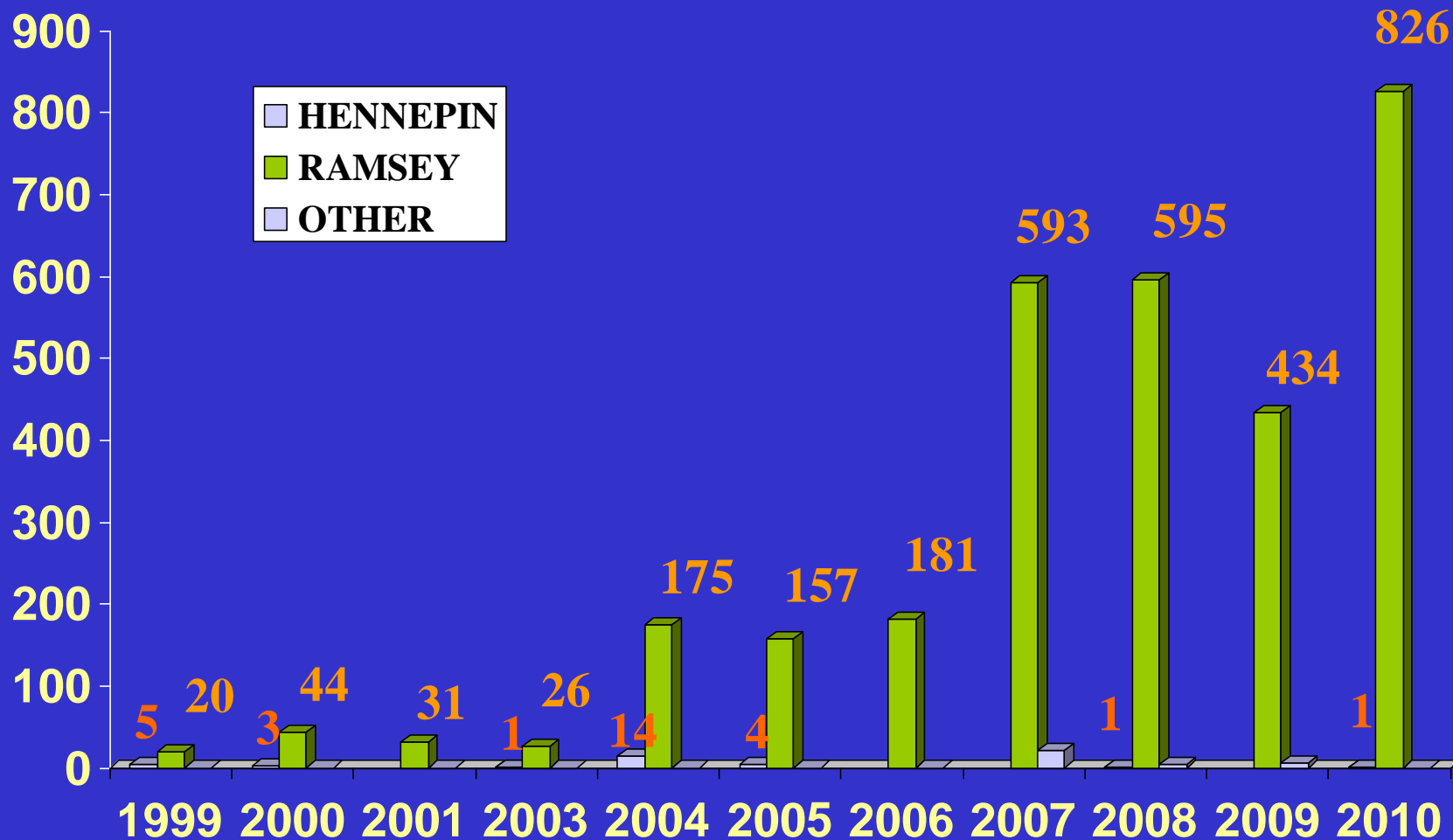


# Top 6 MN Counties of Primary Refugee Resettlement – 2010

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1.	Ramsey	1,426 (826 Burmese)
2.	Hennepin	448
3.	Stearns	121
4.	Olmsted	108
5.	Anoka	75
6.	Rice	23
	<b><i>Total</i></b>	<b><i>2,320</i></b>

# Burmese Refugee Arrivals in Minnesota by County, 1999 to Present



# Refugee Health Screening in MN

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- Exam w/in the first 90 days of arrival
- Public health clinics and private providers

- **Goal:**

...to control communicable disease among, and resulting from, the arrival of new refugees through:

- ❖ **health assessment**

- ❖ **treatment**

- ❖ **referral**



# MINNESOTA INITIAL REFUGEE HEALTH ASSESSMENT FORM

Return completed form, preferably within 30 days of U.S. date of arrival, to address on reverse side of this form.

Name (last, first, middle): \_\_\_\_\_  
 Date of Birth (month, day, year): \_\_\_\_\_ Gender: \_\_\_\_\_  
 Alien or Visa Registration #: \_\_\_\_\_ Volag: \_\_\_\_\_  
 U.S. Arrival Date: (month, day, year): \_\_\_\_\_ Country of Origin: \_\_\_\_\_  
 Class A or B Status: \_\_\_\_\_  
 Date of First Clinic Visit for Screening (month, day, year): \_\_\_\_/\_\_\_\_/\_\_\_\_

**Immunization Record:** Review overseas medical exam (OF-157) if available and document immunization dates. For measles, mumps, rubella, and varicella: indicate if there is lab evidence of immunity; if so, immunizations are not needed against that particular disease. For all other immunizations: update series, or begin primary series if no immunization dates are found.

Vaccine-Preventable Disease/ Immunization	✓ if there is lab evidence of immunity; no immunization needed	Immunization Date(s)					
		Mo/Day/Yr	Mo/Day/Yr	Mo/Day/Yr	Mo/Day/Yr	Mo/Day/Yr	Mo/Day/Yr
Measles							
Mumps							
Rubella							
Varicella (VZV)							
Diphtheria, Tetanus, and Pertussis (DTaP, DTP, DT)							
Diphtheria-Tetanus (Td)							
Polio (IPV, OPV)							
Hepatitis B (HBV)							
Haemophilus influenzae type b (Hib)							
Hepatitis A							
Influenza							
Pneumococcal							

BCG:  Yes-Date(s): \_\_\_\_\_  No  Unknown

### Tuberculosis Screening: (✓ one)

- Mantoux Skin Test Reaction (regardless of history of BCG)
- 0-4mm induration
  - 5-9mm induration
  - 10-14mm induration
  - ≥ 15mm induration
  - Given, not read
  - Declined test
  - Not done

### Chest X-Ray: (taken in U.S.) (✓ one)

- Normal
- Non-TB abnormality
- TB-non-cavitary
- TB-cavitary
- Stable, old TB
- Pending
- Declined CXR
- Not done, Explain: \_\_\_\_\_

### TB Therapy: (if indicated) (✓ one)

- Treatment for suspected or confirmed active TB prescribed
- Treatment for Latent TB Infection (LTBI) prescribed; Date treatment started: \_\_\_\_\_
- No LTBI treatment; Reason:
  - Treated overseas
  - Pregnancy
  - Patient declined treatment
  - Other: \_\_\_\_\_

### Hepatitis B Screening:

1. Anti-HBs (check only one)  Negative  Positive; *Note: if positive, patient is immune.*  Results pending
2. HBsAg (check only one)  Negative  Positive  Results pending  
*Note: if positive, patient is infected with HBV and infectious to contacts, and it is especially important to screen all household contacts.*  
 If positive HBsAg, were all household contacts screened?  Yes, were all susceptibles started on vaccine? \_\_\_ Yes \_\_\_ No  
 No, why not? \_\_\_\_\_
3. Anti-HBc (check only one)  Negative  Positive  Results pending  Not done

### Sexually Transmitted Diseases: (check one for each of the following)

1. Syphilis  Negative  Positive; treated? \_\_\_ yes \_\_\_ no  Results pending  Not done, why? \_\_\_\_\_
2. Gonorrhea  Negative  Positive; treated? \_\_\_ yes \_\_\_ no  Results pending  Not done, why? \_\_\_\_\_
3. Chlamydia  Negative  Positive; treated? \_\_\_ yes \_\_\_ no  Results pending  Not done, why? \_\_\_\_\_
4. HIV  Negative  Positive; referred to specialist? \_\_\_ yes \_\_\_ no  Not done, why? \_\_\_\_\_
5. Other, specify: \_\_\_\_\_  Negative  Positive; treated? \_\_\_ yes \_\_\_ no  Results pending

# Health Status of Burmese Refugees, Minnesota, 2006-2010

Health status upon arrival	No (%) of refugees screened	No(%) with infection among screened
TB infection*	2,616 (99%)	688 (26%)
Hep B infection**	2,616 (99%)	246 (9%)
Parasitic Infection***	2,547 (97%)	606 (24%)
Sexually Transmitted Infections(STIs)****	1,733 (70%)	6 (<1%)
Hemoglobin (anemia)	2,624 (100%)	544 (21%)
Immunizations	91% started or continued with recommended series	
	91% had documentation of overseas immunizations	

Total screened: **N = 2,636** (100% of the 2,637 eligible refugees)

\* Persons with LTBI (684) or active TB disease (4)

\*\* Positive for Hepatitis B surface antigen (HBsAG)

\*\*\* Positive for at least one intestinal parasite infection

\*\*\*\* Positive for at least one STI

# MN Refugee Health Program

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**Phone:** 651-201-5414 or 1-877-676-5414

**Website:** [www.health.state.mn.us/refugee](http://www.health.state.mn.us/refugee)