

# Refugee Health County Reports 2009



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Welcome to the fourth edition of the Refugee Health County Report. An individualized report is compiled for counties that have received at least 15 new primary refugee arrivals to their county during the past year. In 2009, seven counties met this criterion: Anoka, Dakota, Hennepin, Olmsted, Ramsey, Scott and Stearns. Along with the statewide demographics and health status data there is aggregate data, by region, for counties that received less than 15 primary arrivals to their county. These counties were grouped into Metro, Central and Southern regions. The state and regional data provide a comparison for the counties.

We encourage counties to use this report as a tool to measure the effectiveness of the health screening services offered to newly arrived refugees in each county. The objectives used to measure these goals are consistent with the objectives set forth by the Minnesota Department of Health's Refugee Health Program (RHP) to measure our program's overall quality. This county specific data can also be used to support planning and development of appropriate public health responses to immediate and emerging health issues in the region.

For refugees who arrived between January 1, 2009 and December 31, 2009, counties and/or private providers submit the domestic screening results once the refugees completed their exams. All data included in this report were recorded for each person on the Refugee Health Assessment Form ("pink" form), electronically through eSHARE or the Outcome Form.

There were 1,265 new primary refugee arrivals to Minnesota in 2009, just slightly more than the 1,205 arrivals in 2008. As anticipated, with the suspension of the State Department's Family Reunification Program (P-3), Minnesota saw an increase in cases without U.S. ties (arrivals with no family or friends as an anchor). In 2009 we saw 179 (14%) cases without U.S. ties; thus far in 2010, of the current 2,155 primary arrivals, 904 (42%) are cases without U.S. ties.

In January 2010 updated guidelines for the refugee health screening were rolled out. Implementation of these recommendations will be reflected in the 2010 data in next year's report.

Any questions regarding this report may be directed to the Minnesota Department of Health, Refugee Health Program, 651-201-5414.

# Health Screening Indicators

The health screening indicators on the next page are measurable objectives that correlate with the Minnesota Refugee Health Assessment for newly arrived primary refugees. The highlighted columns on the right of the chart are specific to your county, indicating how effectively these objectives were met. Together with *Significant Findings and Trends* and *Health Status* data summary this 2009 report is a snapshot of the demographics and the health needs of newly arrived primary refugees.

**Objective 1.** *Within 90 days of arrival, 90% of newly arrived refugees who are eligible\* will have received a health assessment.*

**Objective 2.** *Ensure immunizations will be initiated or continued according to the recommended MDH child and adult immunization schedules on 90% of persons provided a health screening.*

**Objective 3.** *Ensure evaluation for 95% of refugees arriving with infectious TB disease, non-communicable for travel purposes (Class A) or non-infectious TB disease (Class B1).*

**Objective 4.** *Within 90 days of arrival, 75% of persons in need of therapy for latent TB infection (LTBI) will have been placed on such therapy.*

**Objective 5.** *On an ongoing basis, 40% of persons placed on therapy for latent tuberculosis infection (LTBI) will have completed therapy.*

**Objective 6.** *On an ongoing basis, 90% of persons provided a health screening will receive a hepatitis B surface antigen (HBsAg) test.*

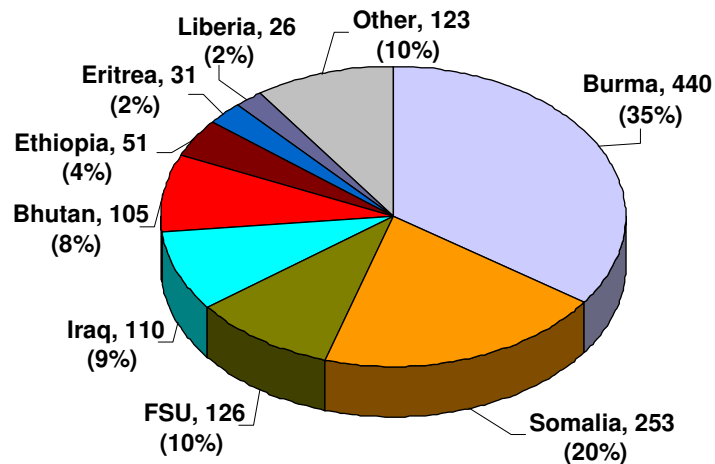
**Objective 7.** *Ensure 90% of persons provided a health screening will get tested for parasitic infections (parasitosis).*

**Objective 8.** *Ensure 90% of all children less than 6 years of age who receive a health screening will be screened for lead poisoning.*

**Objective 9.** *Ensure 100% of all newly arrived HIV+ refugees will be screened within 30 days of arrival and referred to an HIV specialty clinic or provider.*

**\*Ineligible** if: moved out of state, moved to unknown destination, unable to locate due to invalid contact information, never arrived to county, or died before screening.

## Number of Primary Arrivals<sup>◇</sup> to Minnesota 01/01/2009 - 12/31/2009



***N=1,265***

“**FSU**” includes Belarus, Kyrgyzstan, Moldova, Russia and Ukraine

“**Other**” includes Benin, Bolivia, Cameroon, China, Rep. of the Congo, Dem. Rep. of the Congo, Cuba, Djibouti, the Gambia, Guatemala, Guinea, Indonesia, Iran, Kenya, Laos, Mali, Mexico, Nepal, Sudan, Thailand, Togo, Vietnam, and Zimbabwe

## Health Status of New Refugees Minnesota, 2009

Health Condition	No. infected among screened (%)
TB infection*	336/1,130 (30%)
Hepatitis B infection**	62/1,140 (5%)
Parasitic Infection***	273/1,015 (27%)
Syphilis	2/404 (<1%)
Malaria Infection	0/41 (0%)
Lead****	4/167 (2%)

Total number of health screenings: N<sub>State</sub>= 1,169 (97% of the 1,200 eligible refugees)

\* Persons with LTBI (QFT+ or  $\geq 10$ mm induration w/ normal CXR) or suspect/active TB disease

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

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

\*\*\*\*Children <6 years old (N<sub>State</sub>= 172 screened)

# Health Screening Indicators

Anoka County, 2009

All results are based on domestically completed screenings

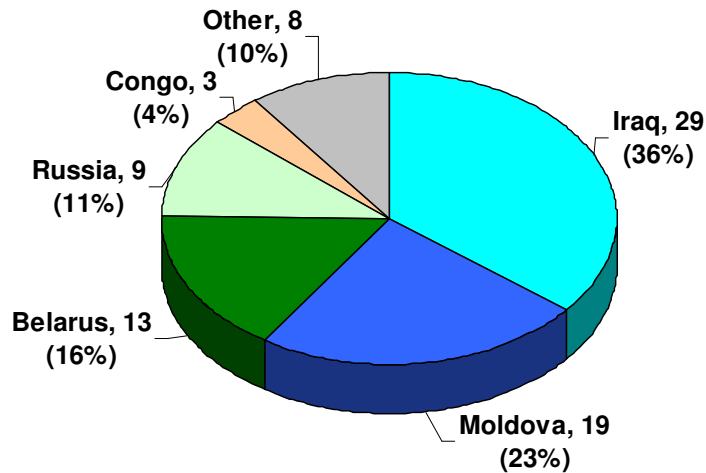
Performance Goal	Objective	Measure	Data	Year 2009	
				No.	%
<b>Health Screening Rate</b>					
Increase percentage of newly arrived refugees* who receive a health assessment within 90 days of their arrival	Percentage of persons who received at least the first visit of their health assessment within 90 days of their arrival	$\frac{\text{\# of newly arrived refugees to county X who received at least the first visit of their health assessment within 90 days of arrival}}{\text{\# of newly arrived refugees to county X who were eligible for a screening}}$	Objective	90%	
			County	71/(81-1)	89%
			State	1096/(1265-65)	91%
<b>Immunizations</b>					
Increase percentage of newly arrived refugees who have immunization series initiated or continued according to recommended MDH child/adult immunization schedules	Percentage of persons who have immunization series initiated or continued according to the recommended MDH child/adult immunization schedules	$\frac{\text{\# of newly arrived refugees to county X with immunization series initiated or continued}}{\text{\# of newly arrived refugees* to county X who received a screening}}$	Objective	90%	
			County	56/80	70%
			State	1009/1169	86%
<b>TB</b>					
<i>Follow-up of Refugees with TB Class Conditions</i> Increase percentage of newly arrived refugees designated as TB Class A or B1 who are appropriately evaluated	Percentage of newly arrived refugees designated as TB Class A or B1 who are appropriately evaluated	$\frac{\text{\# of newly arrived refugees to county X designated as TB Class A or B1 and who are appropriately evaluated}}{\text{\# of newly arrived eligible refugees to county X designated as TB Class A or B1}}$	Objective	95%	
			County	0/0	NA
			State	71/(73-2)	100%
<b>LTBI Therapy</b>					
Increase percentage of newly arrived refugees in need of therapy for latent tuberculosis infection (LTBI) who have been placed on such therapy	Percentage of persons in need of therapy for LTBI who are placed on such therapy	$\frac{\text{\# of newly arrived refugees to county X in need of LTBI therapy and placed on such therapy}}{\text{\# of newly arrived refugees to county X in need of LTBI therapy}}$	Objective	75%	
			County	4/13**	31%
			State	307/339**	91%
Increase the percentage of newly arrived refugees who have been placed on therapy for LTBI and have completed therapy	Percentage of persons who are placed on therapy for LTBI and have completed therapy	$\frac{\text{\# of newly arrived refugees to county X in need of LTBI therapy and who have been placed on and completed LTBI therapy}}{\text{\# of newly arrived refugees to county X placed on LTBI therapy}}$	Objective	40%	
			County	3/4**	75%
			State	234/307**	76%
<b>Hepatitis B</b>					
Increase percentage of newly arrived refugees who have received a hepatitis B surface antigen (HBsAg) test	Percentage of persons who receive a hepatitis B surface antigen (HBsAg) test	$\frac{\text{\# of newly arrived refugees to county X who received HBsAg test}}{\text{\# of newly arrived refugees to county X who received a screening}}$	Objective	90%	
			County	79/80	99%
			State	1140/1169	98%
<b>Intestinal Parasites</b>					
Increase percentage of newly arrived refugees who are tested for parasitic infections (parasitosis)	Percentage of persons who are tested for parasitic infections (O & P and serology)	$\frac{\text{\# of newly arrived refugees to county X tested for parasitic infections (O&P and serology)}}{\text{\# of newly arrived refugees to county X who received a screening}}$	Objective	90%	
			County	67/80	84%
			State	1016/1169	87%
<b>Lead Poisoning</b>					
Increase percentage of newly arrived refugees < 17 years old who are screened for lead poisoning	Percentage of newly arrived refugees < 6 years old who are screened for lead poisoning	$\frac{\text{\# of newly arrived refugees to county X who are < 6 years old and screened for lead poisoning}}{\text{\# of newly arrived refugees < 6 years old to county X who received a screening}}$	Objective	90%	
			County	8/9	89%
			State	167/172	97%
<b>HIV+</b>					
Increase percentage of newly arrived HIV+ refugees who are screened within 30 days of arrival and referred to a HIV specialty clinic or provider	Percentage of newly arrived HIV+ refugees who are screened within 30 days of arrival and referred to a HIV specialty clinic or provider	$\frac{\text{\# of newly arrived HIV+ refugees to county X screened within 30 days of arrival and referred to specialty clinic or provider}}{\text{\# of newly arrived HIV+ refugees to county X who received a screening}}$	Objective	100%	
			County	0/0	NA
			State	2/4	50%

\*Newly arrived refugees refers to all newly arrived refugees eligible for refugee health screening in Minnesota

\*\*Based on 2008 data which reflects the most recent completion date for 9-month treatment protocol

\*\*\*An additional 15 were immune for MM or R (serologies); including those, 71 of 80 (89%) of those screened were evaluated for vaccination series

## Number of Primary Arrivals<sup>◇</sup> to Anoka County 01/01/2009 - 12/31/2009



**N=81**

“Other” includes Democratic Republic of the Congo, Eritrea, the Gambia, Liberia, Sudan and Somalia

### Screening Rate

- *State Indicator Objective 1 to screen within 90 days of arrival:*  
Of the 81 new primary refugee arrivals to Anoka County, 80 were eligible for a health screening and 71 (89%) were screened within 90 days.
- *Overall screening rate:*  
Of the 80 eligible for a health screening, 80 (100%) were screened.

### Outcome for Those Not Screened

- One refugee was not screened because the person had moved out of Minnesota.

### Flat Fee Reimbursement

- Two refugees qualified for the flat fee reimbursement in Anoka County. Both were partial payment reimbursement.

### Health Status of New Refugees Anoka County, 2009

Health Condition	No. infected among screened (%)
TB infection*	18/72 (25%)
Hepatitis B infection**	3/79 (4%)
Parasitic Infection***	4/67 (6%)
Syphilis	2/78 (3%)
Malaria Infection	0/6 (0%)
Lead****	0/8 (0%)

Total number of health screenings: N<sub>Anoka</sub> = 80 (99% of the 81 eligible refugees)

\* Persons with LTBI (QFT+ or ≥ 10mm induration w/ normal CXR) or suspect/active TB disease

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

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

\*\*\*\*Children <6 years old (N<sub>Anoka</sub> = 9 screened)

## Health Screening Indicators

Dakota County, 2009

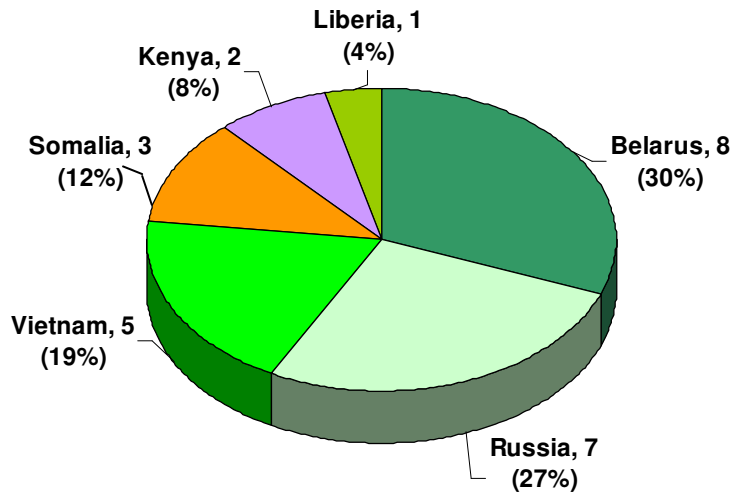
All results are based on domestically completed screenings

Performance Goal	Objective	Measure	Data	Year 2009	
				No.	%
<b>Health Screening Rate</b>					
Increase percentage of newly arrived refugees* who receive a health assessment within 90 days of their arrival	Percentage of persons who received at least the first visit of their health assessment within 90 days of their arrival	$\frac{\text{\# of newly arrived refugees to region X who received at least the first visit of their health assessment within 90 days of arrival}}{\text{\# of newly arrived refugees to region X who were eligible for a screening}}$	Objective	90%	
			County	26/26	100%
			State	1096/(1265-65)	91%
<b>Immunizations</b>					
Increase percentage of newly arrived refugees who have immunization series initiated or continued according to recommended MDH child/adult immunization schedules	Percentage of persons who have immunization series initiated or continued according to the recommended MDH child/adult immunization schedules	$\frac{\text{\# of newly arrived refugees to region X with immunization series initiated or continued}}{\text{\# of newly arrived refugees* to region X who received a screening}}$	Objective	90%	
			County	22/26	85%
			State	1009/1169	86%
<b>TB</b>					
<i>Follow-up of Refugees with TB Class Conditions</i> Increase percentage of newly arrived refugees designated as TB Class A or B1 who are appropriately evaluated	Percentage of newly arrived refugees designated as TB Class A or B1 who are appropriately evaluated	$\frac{\text{\# of newly arrived refugees to county X designated as TB Class A or B1 and who are appropriately evaluated}}{\text{\# of newly arrived eligible refugees to region X designated as TB Class A or B1}}$	Objective	95%	
			County	3/3	100%
			State	71/(73-2)	100%
<i>LTBI Therapy</i> Increase percentage of newly arrived refugees in need of therapy for latent tuberculosis infection (LTBI) who have been placed on such therapy	Percentage of persons in need of therapy for LTBI who are placed on such therapy	$\frac{\text{\# of newly arrived refugees to county X in need of LTBI therapy and placed on such therapy}}{\text{\# of newly arrived refugees to region X in need of LTBI therapy}}$	Objective	75%	
			County	2/5**	40%
			State	307/339**	91%
Increase the percentage of newly arrived refugees who have been placed on therapy for LTBI and have completed therapy	Percentage of persons who are placed on therapy for LTBI and have completed therapy	$\frac{\text{\# of newly arrived refugees to county X in need of LTBI therapy and who have been placed on and completed LTBI therapy}}{\text{\# of newly arrived refugees to region X placed on LTBI therapy}}$	Objective	40%	
			County	1/2**	50%
			State	234/307**	76%
<b>Hepatitis B</b>					
Increase percentage of newly arrived refugees who have received a hepatitis B surface antigen (HBsAg) test	Percentage of persons who receive a hepatitis B surface antigen (HBsAg) test	$\frac{\text{\# of newly arrived refugees to region X who received HBsAg test}}{\text{\# of newly arrived refugees to region X who received a screening}}$	Objective	90%	
			County	25/26	96%
			State	1140/1169	98%
<b>Intestinal Parasites</b>					
Increase percentage of newly arrived refugees who are tested for parasitic infections (parasitosis)	Percentage of persons who are tested for parasitic infections (O&P and serology)	$\frac{\text{\# of newly arrived refugees to county X tested for parasitic infections (O&P and serology)}}{\text{\# of newly arrived refugees to region X who received a screening}}$	Objective	90%	
			County	18/26	69%
			State	1016/1169	87%
<b>Lead Poisoning</b>					
Increase percentage of newly arrived refugees < 17 years old who are screened for lead poisoning	Percentage of newly arrived refugees < 6 years old who are screened for lead poisoning	$\frac{\text{\# of newly arrived refugees to county X who are < 6 years old and screened for lead poisoning}}{\text{\# of newly arrived refugees < 6 years old to county X who received a screening}}$	Objective	90%	
			County	2/2	100%
			State	167/172	97%
<b>HIV+</b>					
Increase percentage of newly arrived HIV+ refugees who are screened within 30 days of arrival and referred to a HIV specialty clinic or provider	Percentage of newly arrived HIV+ refugees who are screened within 30 days of arrival and referred to a HIV specialty clinic or provider	$\frac{\text{\# of newly arrived HIV+ refugees to county X screened within 30 days of arrival and referred to specialty clinic or provider}}{\text{\# of newly arrived HIV+ refugees to county X who received a screening}}$	Objective	100%	
			County	0/0	NA
			State	2/4	50%

\*Newly arrived refugees refers to all newly arrived refugees eligible for refugee health screening in Minnesota

\*\*Based on 2008 data which reflects the most recent completion date for 9-month treatment protocol

## Number of Primary Arrivals<sup>◇</sup> to Dakota County 01/01/2009 - 12/31/2009



**N=26**

### Screening Rate

- *State Indicator Objective 1 to screen within 90 days of arrival:*  
Of the 26 new primary refugee arrivals to Dakota County, 26 were eligible for a health screening and 26 (100%) were screened within 90 days.
- *Overall screening rate:*  
Of the 26 eligible for health screening, 26 (100%) were screened.

### Flat Fee Reimbursement

- Three refugees qualified for the flat fee reimbursement in Dakota County. All three were full payment reimbursement.

### Health Status of New Refugees Dakota County, 2009

Health Condition	No. infected among screened (%)
TB infection*	7/18 (39%)
Hepatitis B infection**	1/25 (4%)
Parasitic Infection***	0/18 (0%)
Syphilis	0/14 (0%)
Malaria Infection	0/9 (0%)
Lead****	0/2 (0%)

Total number of health screenings: N<sub>Dakota</sub>= 26 (100% of the 26 eligible refugees)

\* Persons with LTBI (QFT+ or  $\geq$  10mm induration w/ normal CXR) or suspect/active TB disease

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

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

\*\*\*\*Children <6 years old (N<sub>Dakota</sub>= 2 screened)

## Health Screening Indicators

Hennepin County, 2009

All results are based on domestically completed screenings

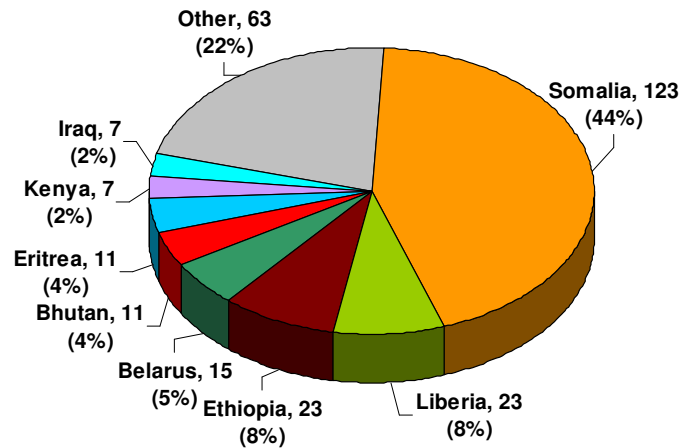
Performance Goal	Objective	Measure	Data	Year 2009	
				No.	%
<b>Health Screening Rate</b>					
Increase percentage of newly arrived refugees* who receive a health assessment within 90 days of their arrival	Percentage of persons who received at least the first visit of their health assessment within 90 days of their arrival	$\frac{\text{\# of newly arrived refugees to county X who received at least the first visit of their health assessment within 90 days of arrival}}{\text{\# of newly arrived refugees to county X who were eligible for a screening}}$	Objective	90%	
			County	231/(283-25)	90%
			State	1096/(1265-65)	91%
<b>Immunizations</b>					
Increase percentage of newly arrived refugees who have immunization series initiated or continued according to recommended MDH child/adult immunization schedules	Percentage of persons who have immunization series initiated or continued according to the recommended MDH child/adult immunization schedules	$\frac{\text{\# of newly arrived refugees to county X with immunization series initiated or continued}}{\text{\# of newly arrived refugees* to county X who received a screening}}$	Objective	90%	
			County	211/248	85%
			State	1009/1169	86%
<b>TB</b>					
<i>Follow-up of Refugees with TB Class Conditions</i> Increase percentage of newly arrived refugees designated as TB Class A or B1 who are appropriately evaluated	Percentage of newly arrived refugees designated as TB Class A or B1 who are appropriately evaluated	$\frac{\text{\# of newly arrived refugees to county X designated as TB Class A or B1 and who are appropriately evaluated}}{\text{\# of newly arrived eligible refugees to county X designated as TB Class A or B1}}$	Objective	95%	
			County	25/(27-2)	100%
			State	71/(73-2)	100%
<b>LTBI Therapy</b>					
Increase percentage of newly arrived refugees in need of therapy for latent tuberculosis infection (LTBI) who have been placed on such therapy	Percentage of persons in need of therapy for LTBI who are placed on such therapy	$\frac{\text{\# of newly arrived refugees to county X in need of LTBI therapy and placed on such therapy}}{\text{\# of newly arrived refugees to county X in need of LTBI therapy}}$	Objective	75%	
			County	105/110**	95%
			State	307/339**	91%
Increase the percentage of newly arrived refugees who have been placed on therapy for LTBI and have completed therapy	Percentage of persons who are placed on therapy for LTBI and have completed therapy	$\frac{\text{\# of newly arrived refugees to county X in need of LTBI therapy and who have been placed on and completed LTBI therapy}}{\text{\# of newly arrived refugees to county X placed on LTBI therapy}}$	Objective	40%	
			County	68/105**	65%
			State	234/307**	76%
<b>Hepatitis B</b>					
Increase percentage of newly arrived refugees who have received a hepatitis B surface antigen (HBsAg) test	Percentage of persons who receive a hepatitis B surface antigen (HBsAg) test	$\frac{\text{\# of newly arrived refugees to county X who received HBsAg test}}{\text{\# of newly arrived refugees to county X who received a screening}}$	Objective	90%	
			County	246/248	99%
			State	1140/1169	98%
<b>Intestinal Parasites</b>					
Increase percentage of newly arrived refugees who are tested for parasitic infections (parasitosis)	Percentage of persons who are tested for parasitic infections (O&P and serology)	$\frac{\text{\# of newly arrived refugees to county X tested for parasitic infections (O&P and serology)}}{\text{\# of newly arrived refugees to county X who received a screening}}$	Objective	90%	
			County	205/248	83%
			State	1016/1169	87%
<b>Lead Poisoning</b>					
Increase percentage of newly arrived refugees < 17 years old who are screened for lead poisoning	Percentage of newly arrived refugees < 6 years old who are screened for lead poisoning	$\frac{\text{\# of newly arrived refugees to county X who are < 6 years old and screened for lead poisoning}}{\text{\# of newly arrived refugees < 6 years old to county X who received a screening}}$	Objective	90%	
			County	32/32	100%
			State	167/172	97%
<b>HIV+</b>					
Increase percentage of newly arrived HIV+ refugees who are screened within 30 days of arrival and referred to a HIV specialty clinic or provider	Percentage of newly arrived HIV+ refugees who are screened within 30 days of arrival and referred to a HIV specialty clinic or provider	$\frac{\text{\# of newly arrived HIV+ refugees to county X screened within 30 days of arrival and referred to specialty clinic or provider}}{\text{\# of newly arrived HIV+ refugees to county X who received a screening}}$	Objective	100%	
			County	0/0	NA
			State	2/4	50%

\*Newly arrived refugees refers to all newly arrived refugees eligible for refugee health screening in Minnesota

\*\*Based on 2008 data which reflects the most recent completion date for 9-month treatment protocol



## Number of Primary Arrivals<sup>◇</sup> to Hennepin County 01/01/2009 - 12/31/2009



**N=283**

“Other” includes Cameroon, Democratic Republic of the Congo, Cuba, Djibouti, Guinea, Indonesia, Iran, Laos, Mali, Moldova, Sudan, Tibet, Togo, Ukraine and Vietnam

### Screening Rate

- *State Indicator Objective 1 to screen within 90 days of arrival:*  
Of the 283 new primary refugee arrivals to Hennepin County, 258 were eligible for a health screening and 231 (90%) were screened within 90 days.
- *Overall screening rate:*  
Of the 258 eligible for a health screening, 248 (96%) were screened.

### Outcome for Those Not Screened

- Among the 35 refugees not screened, ten were eligible for screening. Of those ten, seven were screened elsewhere and three refused screening.
- Twenty-five refugees not screened were ineligible for screening, seven because they had moved out of state, and 18 because they could not be located.

### Flat Fee Reimbursement

- Twelve refugees qualified for the flat fee reimbursement in Dakota County. Nine were full reimbursement and three were partial payment reimbursement.

### Health Status of New Refugees Hennepin County, 2009

Health Condition	No. infected among screened (%)
TB infection*	100/244 (40%)
Hepatitis B infection**	11/246 (5%)
Parasitic Infection***	39/205 (19%)
Syphilis	0/41 (0%)
Malaria Infection	0/3 (0%)
Lead****	1/32 (3%)

Total number of health screenings: N<sub>Hennepin</sub> = 248 (96% of the 258 eligible refugees)

\* Persons with LTBI (Q FT+ or ≥ 10mm induration w/ normal CXR) or suspect/active TB disease

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

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

\*\*\*\* Children <6 years old (N<sub>Hennepin</sub> = 32 screened)

## Health Screening Indicators

Olmsted County, 2009

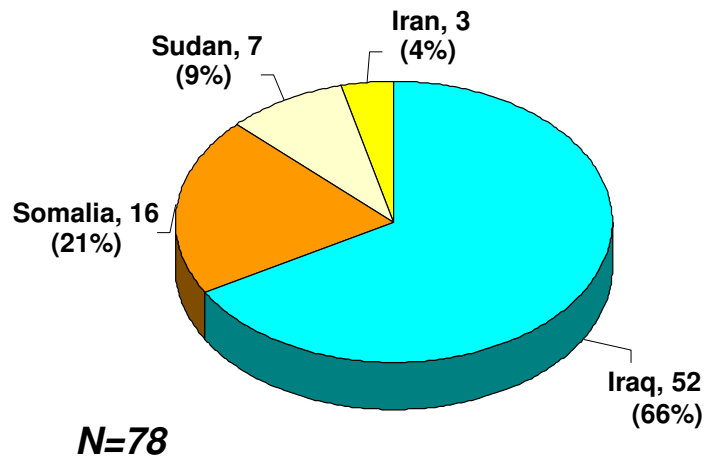
All results are based on domestically completed screenings

Performance Goal	Objective	Measure	Data	Year 2009	
				No.	%
<b>Health Screening Rate</b>					
Increase percentage of newly arrived refugees* who receive a health assessment within 90 days of their arrival	Percentage of persons who received at least the first visit of their health assessment within 90 days of their arrival	$\frac{\text{\# of newly arrived refugees to county X who received at least the first visit of their health assessment within 90 days of arrival}}{\text{\# of newly arrived refugees to county X who were eligible for a screening}}$	Objective	90%	
			County	70/(78-8)	100%
			State	1096/(1265-65)	91%
<b>Immunizations</b>					
Increase percentage of newly arrived refugees who have immunization series initiated or continued according to recommended MDH child/adult immunization schedules	Percentage of persons who have immunization series initiated or continued according to the recommended MDH child/adult immunization schedules	$\frac{\text{\# of newly arrived refugees to county X with immunization series initiated or continued}}{\text{\# of newly arrived refugees* to county X who received a screening}}$	Objective	90%	
			County	70/70	100%
			State	1009/1169	86%
<b>TB</b>					
<i>Follow-up of Refugees with TB Class Conditions</i> Increase percentage of newly arrived refugees designated as TB Class A or B1 who are appropriately evaluated	Percentage of newly arrived refugees designated as TB Class A or B1 who are appropriately evaluated	$\frac{\text{\# of newly arrived refugees to county X designated as TB Class A or B1 and who are appropriately evaluated}}{\text{\# of newly arrived eligible refugees to county X designated as TB Class A or B1}}$	Objective	95%	
			County	2/2	100%
			State	71/(73-2)	100%
<i>LTBI Therapy</i> Increase percentage of newly arrived refugees in need of therapy for latent tuberculosis infection (LTBI) who have been placed on such therapy	Percentage of persons in need of therapy for LTBI who are placed on such therapy	$\frac{\text{\# of newly arrived refugees to county X in need of LTBI therapy and placed on such therapy}}{\text{\# of newly arrived refugees to county X in need of LTBI therapy}}$	Objective	75%	
			County	2/2**	100%
			State	307/339**	91%
Increase the percentage of newly arrived refugees who have been placed on therapy for LTBI and have completed therapy	Percentage of persons who are placed on therapy for LTBI and have completed therapy	$\frac{\text{\# of newly arrived refugees to county X in need of LTBI therapy and who have been placed on and completed LTBI therapy}}{\text{\# of newly arrived refugees to county X placed on LTBI therapy}}$	Objective	40%	
			County	1/2**	50%
			State	234/307**	76%
<b>Hepatitis B</b>					
Increase percentage of newly arrived refugees who have received a hepatitis B surface antigen (HBsAg) test	Percentage of persons who receive a hepatitis B surface antigen (HBsAg) test	$\frac{\text{\# of newly arrived refugees to county X who received HBsAg test}}{\text{\# of newly arrived refugees to county X who received a screening}}$	Objective	90%	
			County	70/70	100%
			State	1140/1169	98%
<b>Intestinal Parasites</b>					
Increase percentage of newly arrived refugees who are tested for parasitic infections (parasitosis)	Percentage of persons who are tested for parasitic infections (O&P and serology)	$\frac{\text{\# of newly arrived refugees to county X tested for parasitic infections (O&P and serology)}}{\text{\# of newly arrived refugees to county X who received a screening}}$	Objective	90%	
			County	68/70	97%
			State	1016/1169	87%
<b>Lead Poisoning</b>					
Increase percentage of newly arrived refugees < 17 years old who are screened for lead poisoning	Percentage of newly arrived refugees < 6 years old who are screened for lead poisoning	$\frac{\text{\# of newly arrived refugees to county X who are < 6 years old and screened for lead poisoning}}{\text{\# of newly arrived refugees < 6 years old to county X who received a screening}}$	Objective	90%	
			County	13/13	100%
			State	167/172	97%
<b>HIV+</b>					
Increase percentage of newly arrived HIV+ refugees who are screened within 30 days of arrival and referred to a HIV specialty clinic or provider	Percentage of newly arrived HIV+ refugees who are screened within 30 days of arrival and referred to a HIV specialty clinic or provider	$\frac{\text{\# of newly arrived HIV+ refugees to county X screened within 30 days of arrival and referred to specialty clinic or provider}}{\text{\# of newly arrived HIV+ refugees to county X who received a screening}}$	Objective	100%	
			County	0/0	NA
			State	2/4	50%

\*Newly arrived refugees refers to all newly arrived refugees eligible for refugee health screening in Minnesota

\*\*Based on 2008 data which reflects the most recent completion date for 9-month treatment protocol

## Number of Primary Arrivals<sup>◇</sup> to Olmsted County 01/01/2009 - 12/31/2009



### Screening Rate

- *State Indicator Objective 1 to screen within 90 days of arrival:*  
Of the 70 new primary refugee arrivals to Olmsted County, 70 were eligible for a health screening and 70 (100%) were screened within 90 days.
- *Overall screening rate:*  
Of the 70 eligible for a health screening, 70 (100%) were screened.

### Outcome for Those Not Screened

- Of the eight not screened, all eight were ineligible because they never arrived to Minnesota.

### Flat Fee Reimbursement

- Two refugees qualified for the flat fee full reimbursement in Olmsted County.

### Health Status of New Refugees Olmsted County, 2009

Health Condition	No. infected among screened (%)
TB infection*	7/70 (10%)
Hepatitis B infection**	2/70 (3%)
Parasitic Infection***	14/68 (21%)
Syphilis	0/70 (0%)
Malaria Infection	0/0 (0%)
Lead****	0/13 (0%)

Total number of health screenings:  $N_{\text{Olmsted}} = 248$  (96% of the 258 eligible refugees)

\* Persons with LTBI (QFT+ or  $\geq 10\text{mm}$  induration w/ normal CXR) or suspect/active TB disease

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

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

\*\*\*\*Children <6 years old ( $N_{\text{Olmsted}} = 13$  screened)

## Health Screening Indicators

Ramsey County, 2009

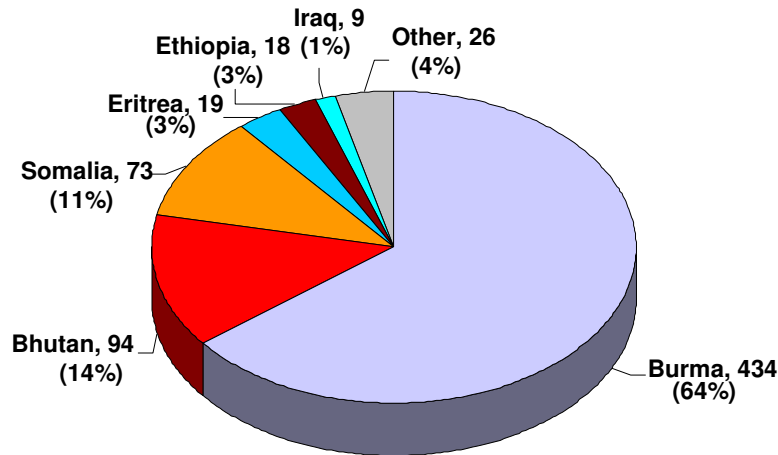
All results are based on domestically completed screenings

Performance Goal	Objective	Measure	Data	Year 2009	
				No.	%
<b>Health Screening Rate</b>					
Increase percentage of newly arrived refugees* who receive a health assessment within 90 days of their arrival	Percentage of persons who received at least the first visit of their health assessment within 90 days of their arrival	$\frac{\text{\# of newly arrived refugees to county X who received at least the first visit of their health assessment within 90 days of arrival}}{\text{\# of newly arrived refugees to county X who were eligible for a screening}}$	Objective	90%	
			County	601/(673-23)	92%
			State	1096/(1265-65)	91%
<b>Immunizations</b>					
Increase percentage of newly arrived refugees who have immunization series initiated or continued according to recommended MDH child/adult immunization schedules	Percentage of persons who have immunization series initiated or continued according to the recommended MDH child/adult immunization schedules	$\frac{\text{\# of newly arrived refugees to county X with immunization series initiated or continued}}{\text{\# of newly arrived refugees* to county X who received a screening}}$	Objective	90%	
			County	562/635	89%
			State	1009/1169	86%
<b>TB</b>					
<i>Follow-up of Refugees with TB Class Conditions</i> Increase percentage of newly arrived refugees designated as TB Class A or B1 who are appropriately evaluated	Percentage of newly arrived refugees designated as TB Class A or B1 who are appropriately evaluated	$\frac{\text{\# of newly arrived refugees to county X designated as TB Class A or B1 and who are appropriately evaluated}}{\text{\# of newly arrived eligible refugees to county X designated as TB Class A or B1}}$	Objective	95%	
			County	36/36	100%
			State	71/(73-2)	100%
<i>LTBI Therapy</i> Increase percentage of newly arrived refugees in need of therapy for latent tuberculosis infection (LTBI) who have been placed on such therapy	Percentage of persons in need of therapy for LTBI who are placed on such therapy	$\frac{\text{\# of newly arrived refugees to county X in need of LTBI therapy and placed on such therapy}}{\text{\# of newly arrived refugees to county X in need of LTBI therapy}}$	Objective	75%	
			County	176/183**	96%
			State	307/339**	91%
Increase the percentage of newly arrived refugees who have been placed on therapy for LTBI and have completed therapy	Percentage of persons who are placed on therapy for LTBI and have completed therapy	$\frac{\text{\# of newly arrived refugees to county X in need of LTBI therapy and who have been placed on and completed LTBI therapy}}{\text{\# of newly arrived refugees to county X placed on LTBI therapy}}$	Objective	40%	
			County	151/176**	86%
			State	234/307**	76%
<b>Hepatitis B</b>					
Increase percentage of newly arrived refugees who have received a hepatitis B surface antigen (HBsAg) test	Percentage of persons who receive a hepatitis B surface antigen (HBsAg) test	$\frac{\text{\# of newly arrived refugees to county X who received HBsAg test}}{\text{\# of newly arrived refugees to county X who received a screening}}$	Objective	90%	
			County	631/635	99%
			State	1140/1169	98%
<b>Intestinal Parasites</b>					
Increase percentage of newly arrived refugees who are tested for parasitic infections (parasitosis)	Percentage of persons who are tested for parasitic infections (O&P and serology)	$\frac{\text{\# of newly arrived refugees to county X tested for parasitic infections (O&P and serology)}}{\text{\# of newly arrived refugees to county X who received a screening}}$	Objective	90%	
			County	594/635	94%
			State	1016/1169	87%
<b>Lead Poisoning</b>					
Increase percentage of newly arrived refugees < 17 years old who are screened for lead poisoning	Percentage of newly arrived refugees < 6 years old who are screened for lead poisoning	$\frac{\text{\# of newly arrived refugees to county X who are < 6 years old and screened for lead poisoning}}{\text{\# of newly arrived refugees < 6 years old to county X who received a screening}}$	Objective	90%	
			County	105/107	98%
			State	167/172	97%
<b>HIV+</b>					
Increase percentage of newly arrived HIV+ refugees who are screened within 30 days of arrival and referred to a HIV specialty clinic or provider	Percentage of newly arrived HIV+ refugees who are screened within 30 days of arrival and referred to a HIV specialty clinic or provider	$\frac{\text{\# of newly arrived HIV+ refugees to county X screened within 30 days of arrival and referred to specialty clinic or provider}}{\text{\# of newly arrived HIV+ refugees to county X who received a screening}}$	Objective	100%	
			County	0/1	0%
			State	2/4	50%

\*Newly arrived refugees refers to all newly arrived refugees eligible for refugee health screening in Minnesota

\*\*Based on 2008 data which reflects the most recent completion date for 9-month treatment protocol

## Number of Primary Arrivals<sup>◇</sup> to Ramsey County 01/01/2009 - 12/31/2009



**N=673**

“Other” includes Benin, Cameroon, China, Cuba, Guatemala, Iran, Liberia, Mexico, Nepal, Russia, Thailand, Vietnam, and Zimbabwe

### Screening Rate

- *State Indicator Objective 1 to screen within 90 days of arrival:*  
Of the 673 new primary refugee arrivals to Ramsey County, 650 were eligible for a health screening and 601 (92%) were screened within 90 days.
- *Overall screening rate:*  
Of the 650 eligible for a health screening, 635 (98%) were screened.

### Outcome for Those Not Screened

- Of the 38 refugees not screened, 14 were ineligible

because they moved out of state and nine were ineligible because they could not be located.

- Among the 15 refugees not screened who were eligible for screening, 13 were screened elsewhere, one missed the screening appointment, and one could not be contacted.

### Flat Fee Reimbursement

- Six refugees qualified for the flat fee reimbursement in Ramsey County. Five were full reimbursement and one was partial payment reimbursement.

### Health Status of New Refugees Ramsey County, 2009

Health Condition	No. infected among screened (%)
TB infection*	177/621 (29%)
Hepatitis B infection**	44/631 (7%)
Parasitic Infection***	203/594 (34%)
Syphilis	0/212 (0%)
Malaria Infection	0/7 (0%)
Lead****	2/105 (2%)

Total number of health screenings: N<sub>Ramsey</sub> = 635 (98% of the 650 eligible refugees)

\* Persons with LTBI (QFT+ or ≥ 10mm induration w/ normal CXR) or suspect/active TB disease

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

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

\*\*\*\* Children <6 years old (N<sub>Ramsey</sub> = 107 screened)

# Health Screening Indicators

Scott County, 2009

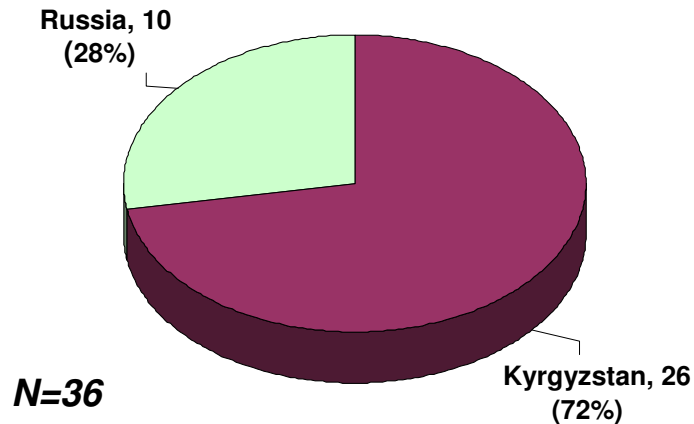
All results are based on domestically completed screenings

Performance Goal	Objective	Measure	Data	Year 2009	
				No.	%
<b>Health Screening Rate</b>					
Increase percentage of newly arrived refugees* who receive a health assessment within 90 days of their arrival	Percentage of persons who received at least the first visit of their health assessment within 90 days of their arrival	$\frac{\text{\# of newly arrived refugees to county X who received at least the first visit of their health assessment within 90 days of arrival}}{\text{\# of newly arrived refugees to county X who were eligible for a screening}}$	Objective	90%	
			County	35/36	97%
			State	1096/(1265-65)	91%
<b>Immunizations</b>					
Increase percentage of newly arrived refugees who have immunization series initiated or continued according to recommended MDH child/adult immunization schedules	Percentage of persons who have immunization series initiated or continued according to the recommended MDH child/adult immunization schedules	$\frac{\text{\# of newly arrived refugees to county X with immunization series initiated or continued}}{\text{\# of newly arrived refugees* to county X who received a screening}}$	Objective	90%	
			County	23/36	64%
			State	1009/1169	86%
<b>TB</b>					
<i>Follow-up of Refugees with TB Class Conditions</i> Increase percentage of newly arrived refugees designated as TB Class A or B1 who are appropriately evaluated	Percentage of newly arrived refugees designated as TB Class A or B1 who are appropriately evaluated	$\frac{\text{\# of newly arrived refugees to county X designated as TB Class A or B1 and who are appropriately evaluated}}{\text{\# of newly arrived eligible refugees to county X designated as TB Class A or B1}}$	Objective	95%	
			County	0/0	NA
			State	71/(73-2)	100%
<b>LTBI Therapy</b>					
Increase percentage of newly arrived refugees in need of therapy for latent tuberculosis infection (LTBI) who have been placed on such therapy	Percentage of persons in need of therapy for LTBI who are placed on such therapy	$\frac{\text{\# of newly arrived refugees to county X in need of LTBI therapy and placed on such therapy}}{\text{\# of newly arrived refugees to county X in need of LTBI therapy}}$	Objective	75%	
			County	0/3**	0%
			State	307/339**	91%
Increase the percentage of newly arrived refugees who have been placed on therapy for LTBI and have completed therapy	Percentage of persons who are placed on therapy for LTBI and have completed therapy	$\frac{\text{\# of newly arrived refugees to county X in need of LTBI therapy and who have been placed on and completed LTBI therapy}}{\text{\# of newly arrived refugees to county X placed on LTBI therapy}}$	Objective	40%	
			County	0/0**	0%
			State	234/307**	76%
<b>Hepatitis B</b>					
Increase percentage of newly arrived refugees who have received a hepatitis B surface antigen (HBsAg) test	Percentage of persons who receive a hepatitis B surface antigen (HBsAg) test	$\frac{\text{\# of newly arrived refugees to county X who received HBsAg test}}{\text{\# of newly arrived refugees to county X who received a screening}}$	Objective	90%	
			County	23/36	64%
			State	1140/1169	98%
<b>Intestinal Parasites</b>					
Increase percentage of newly arrived refugees who are tested for parasitic infections (parasitosis)	Percentage of persons who are tested for parasitic infections (O & P and serology)	$\frac{\text{\# of newly arrived refugees to county X tested for parasitic infections (O&P and serology)}}{\text{\# of newly arrived refugees to county X who received a screening}}$	Objective	90%	
			County	18/36	50%
			State	1016/1169	87%
<b>Lead Poisoning</b>					
Increase percentage of newly arrived refugees < 17 years old who are screened for lead poisoning	Percentage of newly arrived refugees < 6 years old who are screened for lead poisoning	$\frac{\text{\# of newly arrived refugees to county X who are < 6 years old and screened for lead poisoning}}{\text{\# of newly arrived refugees < 6 years old to county X who received a screening}}$	Objective	90%	
			County	2/4	50%
			State	167/172	97%
<b>HIV+</b>					
Increase percentage of newly arrived HIV+ refugees who are screened within 30 days of arrival and referred to a HIV specialty clinic or provider	Percentage of newly arrived HIV+ refugees who are screened within 30 days of arrival and referred to a HIV specialty clinic or provider	$\frac{\text{\# of newly arrived HIV+ refugees to county X screened within 30 days of arrival and referred to specialty clinic or provider}}{\text{\# of newly arrived HIV+ refugees to county X who received a screening}}$	Objective	100%	
			County	0/0	NA
			State	2/4	50%

\*Newly arrived refugees refers to all newly arrived refugees eligible for refugee health screening in Minnesota

\*\*Based on 2008 data which reflects the most recent completion date for 9-month treatment protocol

## Number of Primary Arrivals<sup>◇</sup> to Scott County 01/01/2009 - 12/31/2009



### Screening Rate

- State Indicator Objective 1 to screen within 90 days of arrival:*  
Of the 36 new primary refugee arrivals to Scott County, 36 were eligible for a health screening and 35 (97%) were screened within 90 days.
- Overall screening rate:*  
Of the 36 eligible for a health screening, 36 (100%) were screened.

### Flat Fee Reimbursement

- None of the 36 refugees qualified for the flat fee reimbursement in Scott County.

### Health Status of New Refugees Scott County, 2009

Health Condition	No. infected among screened (%)
TB infection*	3/32 (9%)
Hepatitis B infection**	0/23 (0%)
Parasitic Infection***	4/18 (22%)
Syphilis	0/5 (0%)
Malaria Infection	0/0 (0%)
Lead****	0/2 (0%)

Total number of health screenings: N<sub>Scott</sub>= 36 (100% of the 36 eligible refugees)

\* Persons with LTBI (QFT+ or  $\geq$  10mm induration w/ normal CXR) or suspect/active TB disease

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

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

\*\*\*\*Children <6 years old (N<sub>Scott</sub>= 4 screened)

## Health Screening Indicators

Stearns County, 2009

All results are based on domestically completed screenings

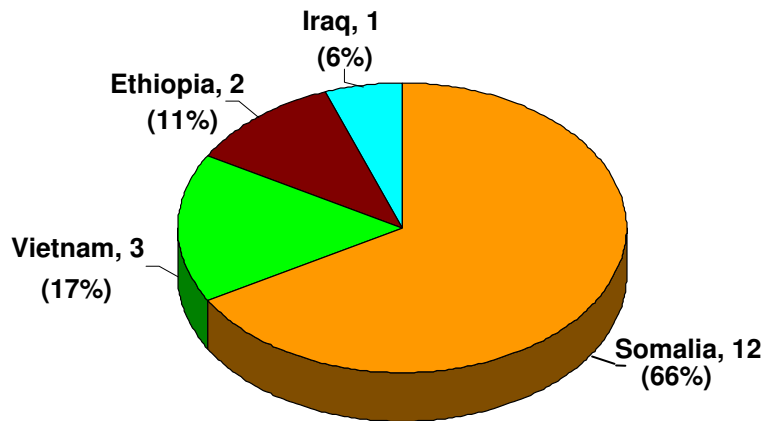
Performance Goal	Objective	Measure	Data	Year 2009	
				No.	%
<b>Health Screening Rate</b>					
Increase percentage of newly arrived refugees* who receive a health assessment within 90 days of their arrival	Percentage of persons who received at least the first visit of their health assessment within 90 days of their arrival	$\frac{\text{\# of newly arrived refugees to region X who received at least the first visit of their health assessment within 90 days of arrival}}{\text{\# of newly arrived refugees to region X who were eligible for a screening}}$	Objective	90%	
			Region	10/(18-1)	59%
			State	1096/(1265-65)	91%
<b>Immunizations</b>					
Increase percentage of newly arrived refugees who have immunization series initiated or continued according to recommended MDH child/adult immunization schedules	Percentage of persons who have immunization series initiated or continued according to the recommended MDH child/adult immunization schedules	$\frac{\text{\# of newly arrived refugees to region X with immunization series initiated or continued}}{\text{\# of newly arrived refugees* to region X who received a screening}}$	Objective	90%	
			Region	16/17	94%
			State	1009/1169	86%
<b>TB</b>					
<i>Follow-up of Refugees with TB Class Conditions</i> Increase percentage of newly arrived refugees designated as TB Class A or B1 who are appropriately evaluated	Percentage of newly arrived refugees designated as TB Class A or B1 who are appropriately evaluated	$\frac{\text{\# of newly arrived refugees to county X designated as TB Class A or B1 and who are appropriately evaluated}}{\text{\# of newly arrived eligible refugees to region X designated as TB Class A or B1}}$	Objective	95%	
			Region	2/2	100%
			State	71/(73-2)	100%
<i>LTBI Therapy</i> Increase percentage of newly arrived refugees in need of therapy for latent tuberculosis infection (LTBI) who have been placed on such therapy	Percentage of persons in need of therapy for LTBI who are placed on such therapy	$\frac{\text{\# of newly arrived refugees to county X in need of LTBI therapy and placed on such therapy}}{\text{\# of newly arrived refugees to region X in need of LTBI therapy}}$	Objective	75%	
			Region	4/4**	100%
			State	307/339**	91%
Increase the percentage of newly arrived refugees who have been placed on therapy for LTBI and have completed therapy	Percentage of persons who are placed on therapy for LTBI and have completed therapy	$\frac{\text{\# of newly arrived refugees to county X in need of LTBI therapy and who have been placed on and completed LTBI therapy}}{\text{\# of newly arrived refugees to region X placed on LTBI therapy}}$	Objective	40%	
			Region	2/4	50%
			State	234/307**	76%
<b>Hepatitis B</b>					
Increase percentage of newly arrived refugees who have received a hepatitis B surface antigen (HBsAg) test	Percentage of persons who receive a hepatitis B surface antigen (HBsAg) test	$\frac{\text{\# of newly arrived refugees to region X who received HBsAg test}}{\text{\# of newly arrived refugees to region X who received a screening}}$	Objective	90%	
			Region	16/17	94%
			State	1140/1169	98%
<b>Intestinal Parasites</b>					
Increase percentage of newly arrived refugees who are tested for parasitic infections (parasitosis)	Percentage of persons who are tested for parasitic infections (O&P and serology)	$\frac{\text{\# of newly arrived refugees to county X tested for parasitic infections (O&P and serology)}}{\text{\# of newly arrived refugees to region X who received a screening}}$	Objective	90%	
			Region	10/17	59%
			State	1016/1169	87%
<b>Lead Poisoning</b>					
Increase percentage of newly arrived refugees < 17 years old who are screened for lead poisoning	Percentage of newly arrived refugees < 6 years old who are screened for lead poisoning	$\frac{\text{\# of newly arrived refugees to county X who are < 6 years old and screened for lead poisoning}}{\text{\# of newly arrived refugees < 6 years old to county X who received a screening}}$	Objective	90%	
			Region	0/0	NA
			State	167/172	97%
<b>HIV+</b>					
Increase percentage of newly arrived HIV+ refugees who are screened within 30 days of arrival and referred to a HIV specialty clinic or provider	Percentage of newly arrived HIV+ refugees who are screened within 30 days of arrival and referred to a HIV specialty clinic or provider	$\frac{\text{\# of newly arrived HIV+ refugees to county X screened within 30 days of arrival and referred to specialty clinic or provider}}{\text{\# of newly arrived HIV+ refugees to county X who received a screening}}$	Objective	100%	
			Region	0/0	NA
			State	2/4	50%

\*Newly arrived refugees refers to all newly arrived refugees eligible for refugee health screening in Minnesota

\*\*Based on 2008 data which reflects the most recent completion date for 9-month treatment protocol



## Number of Primary Arrivals<sup>◇</sup> to Stearns County 01/01/2009 - 12/31/2009



**N=18**

### Screening Rate

- *State Indicator Objective 1 to screen within 90 days of arrival:*  
Of the 18 new primary refugee arrivals to Stearns County, 17 were eligible for a health screening and 10 (59%) were screened within 90 days.
- *Overall screening rate:*  
Of the 17 eligible for a health screening, 17 (100%) were screened.

### Outcome for Those Not Screened

- The one person who was not screened was ineligible for screening because they were unable to be located.

### Flat Fee Reimbursement

- Two refugees qualified for the flat fee reimbursement in Stearns County. One was full reimbursement and one was partial payment reimbursement.

### Health Status of New Refugees Stearns County, 2009

Health Condition	No. infected among screened (%)
TB infection*	5/17 (29%)
Hepatitis B infection**	0/16 (0%)
Parasitic Infection***	2/10 (20%)
Syphilis	0/12 (0%)
Malaria Infection	0/3 (0%)
Lead****	0/0 (%)

Total number of health screenings: N<sub>Stearns</sub> = 17 (100% of the 17 eligible refugees)

\* Persons with LTBI (QFT+ or  $\geq$  10mm induration w/ normal CXR) or suspect/active TB disease

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

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

\*\*\*\*Children <6 years old (N<sub>Stearns</sub> = 0 screened)

# Health Screening Indicators: Metro Region<sup>§</sup>, 2009

Washington (5), Carver (2)

All results are based on domestically completed screenings

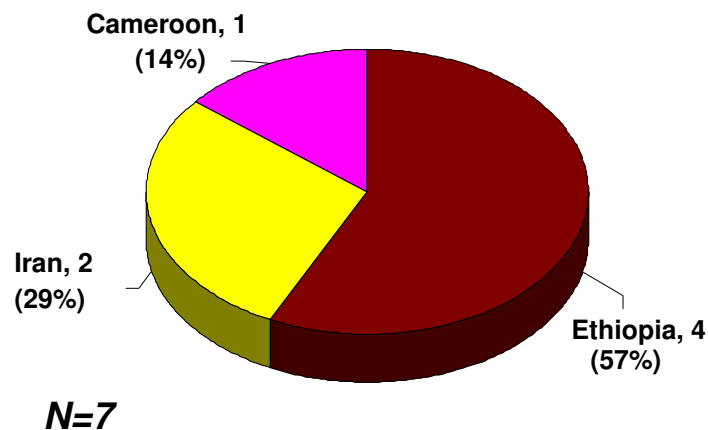
Performance Goal	Objective	Measure	Data	Year 2009	
				No.	%
<b>Health Screening Rate</b>					
Increase percentage of newly arrived refugees* who receive a health assessment within 90 days of their arrival	Percentage of persons who received at least the first visit of their health assessment within 90 days of their arrival	$\frac{\text{\# of newly arrived refugees to region X who received at least the first visit of their health assessment within 90 days of arrival}}{\text{\# of newly arrived refugees to region X who were eligible for a screening}}$	Objective	90%	
			Region	4/(7-3)	100%
			State	1096/(1265-65)	91%
<b>Immunizations</b>					
Increase percentage of newly arrived refugees who have immunization series initiated or continued according to recommended MDH child/adult immunization schedules	Percentage of persons who have immunization series initiated or continued according to the recommended MDH child/adult immunization schedules	$\frac{\text{\# of newly arrived refugees to region X with immunization series initiated or continued}}{\text{\# of newly arrived refugees* to region X who received a screening}}$	Objective	90%	
			Region	1/4	25%
			State	1009/1169	86%
<b>TB</b>					
<i>Follow-up of Refugees with TB Class Conditions</i> Increase percentage of newly arrived refugees designated as TB Class A or B1 who are appropriately evaluated	Percentage of newly arrived refugees designated as TB Class A or B1 who are appropriately evaluated	$\frac{\text{\# of newly arrived refugees to county X designated as TB Class A or B1 and who are appropriately evaluated}}{\text{\# of newly arrived eligible refugees to region X designated as TB Class A or B1}}$	Objective	95%	
			Region	0/0	NA
			State	71/(73-2)	100%
<i>LTBI Therapy</i> Increase percentage of newly arrived refugees in need of therapy for latent tuberculosis infection (LTBI) who have been placed on such therapy	Percentage of persons in need of therapy for LTBI who are placed on such therapy	$\frac{\text{\# of newly arrived refugees to county X in need of LTBI therapy and placed on such therapy}}{\text{\# of newly arrived refugees to region X in need of LTBI therapy}}$	Objective	75%	
			Region	1/3**	33%
			State	307/339**	91%
Increase the percentage of newly arrived refugees who have been placed on therapy for LTBI and have completed therapy	Percentage of persons who are placed on therapy for LTBI and have completed therapy	$\frac{\text{\# of newly arrived refugees to county X in need of LTBI therapy and who have been placed on and completed LTBI therapy}}{\text{\# of newly arrived refugees to region X placed on LTBI therapy}}$	Objective	40%	
			Region	0/1**	0%
			State	234/307**	76%
<b>Hepatitis B</b>					
Increase percentage of newly arrived refugees who have received a hepatitis B surface antigen (HBsAg) test	Percentage of persons who receive a hepatitis B surface antigen (HBsAg) test	$\frac{\text{\# of newly arrived refugees to region X who received HBsAg test}}{\text{\# of newly arrived refugees to region X who received a screening}}$	Objective	90%	
			Region	3/4	75%
			State	1140/1169	98%
<b>Intestinal Parasites</b>					
Increase percentage of newly arrived refugees who are tested for parasitic infections (parasitosis)	Percentage of persons who are tested for parasitic infections (O & P and serology)	$\frac{\text{\# of newly arrived refugees to county X tested for parasitic infections (O&P and serology)}}{\text{\# of newly arrived refugees to region X who received a screening}}$	Objective	90%	
			Region	3/4	75%
			State	1016/1169	87%
<b>Lead Poisoning</b>					
Increase percentage of newly arrived refugees < 17 years old who are screened for lead poisoning	Percentage of newly arrived refugees < 6 years old who are screened for lead poisoning	$\frac{\text{\# of newly arrived refugees to county X who are < 6 years old and screened for lead poisoning}}{\text{\# of newly arrived refugees < 6 years old to county X who received a screening}}$	Objective	90%	
			Region	0/0	NA
			State	167/172	97%
<b>HIV+</b>					
Increase percentage of newly arrived HIV+ refugees who are screened within 30 days of arrival and referred to a HIV specialty clinic or provider	Percentage of newly arrived HIV+ refugees who are screened within 30 days of arrival and referred to a HIV specialty clinic or provider	$\frac{\text{\# of newly arrived HIV+ refugees to county X screened within 30 days of arrival and referred to specialty clinic or provider}}{\text{\# of newly arrived HIV+ refugees to county X who received a screening}}$	Objective	100%	
			County	0/0	NA
			State	2/4	50%

<sup>§</sup>Counties with less than 15 newly arrived refugees

\*Newly arrived refugees refers to all newly arrived refugees eligible for refugee health screening in Minnesota

\*\*Based on 2008 data which reflects the most recent completion date for 9-month treatment protocol

## Number of Primary Arrivals<sup>◇</sup> to Metro Region<sup>§</sup> 01/01/2009 - 12/31/2009



### Screening Rate

- *State Indicator Objective 1 to screen within 90 days of arrival:*  
Of the 7 new primary refugee arrivals to Washington (5) and Carver (2) Counties, 4 were eligible for a health screening and 4 (100%) were screened within 90 days.
- *Overall screening rate:.*  
Of the 4 eligible for a health screening, 4 (100%) were screened.

### Outcome for Those Not Screened

- Of the three not screened, all three were ineligible because they could not be located

### Flat Fee Reimbursement

- No refugees qualified for the flat fee reimbursement in Washington or Carver counties.

### Health Status of New Refugees Metro Region, 2009

Health Condition	No. infected among screened (%)
TB infection*	2/4 (50%)
Hepatitis B infection**	0/4 (0%)
Parasitic Infection***	1/3 (33%)
Syphilis	0/3 (0%)
Malaria Infection	0/1 (0%)
Lead****	0/0 (0%)

Total number of health screenings: N<sub>Metro</sub>= 26 (100% of the 26 eligible refugees)

\* Persons with LTBI (QFT+ or ≥ 10mm induration w/ normal CXR) or suspect/active TB disease

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

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

\*\*\*\*Children <6 years old (N<sub>Metro</sub>= 0 screened)

## Health Screening Indicators: Central Region<sup>§</sup>, 2009

Clay (9), Otter Tail (6), Sherburne (5), Wright (3)

All results are based on domestically completed screenings

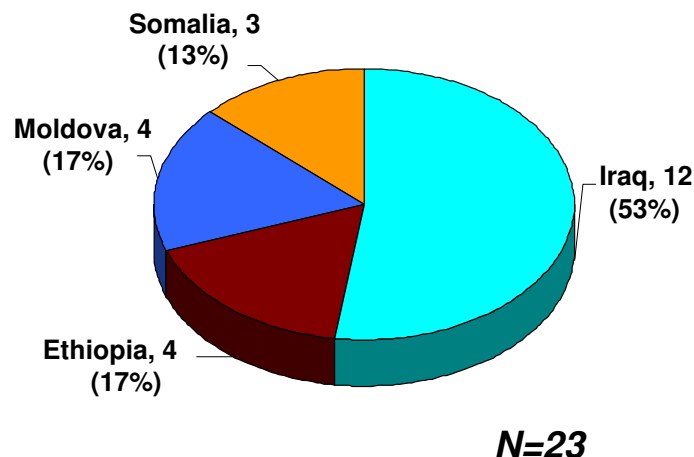
Performance Goal	Objective	Measure	Data	Year 2009	
				No.	%
<b>Health Screening Rate</b>					
Increase percentage of newly arrived refugees* who receive a health assessment within 90 days of their arrival	Percentage of persons who received at least the first visit of their health assessment within 90 days of their arrival	$\frac{\text{\# of newly arrived refugees to region X who received at least the first visit of their health assessment within 90 days of arrival}}{\text{\# of newly arrived refugees to region X who were eligible for a screening}}$	Objective	90%	
			Region	19/(23-2)	90%
			State	1096/(1265-65)	91%
<b>Immunizations</b>					
Increase percentage of newly arrived refugees who have immunization series initiated or continued according to recommended MDH child/adult immunization schedules	Percentage of persons who have immunization series initiated or continued according to the recommended MDH child/adult immunization schedules	$\frac{\text{\# of newly arrived refugees to region X with immunization series initiated or continued}}{\text{\# of newly arrived refugees* to region X who received a screening}}$	Objective	90%	
			Region	18/20	90%
			State	1009/1169	86%
<b>TB</b>					
<i>Follow-up of Refugees with TB Class Conditions</i> Increase percentage of newly arrived refugees designated as TB Class A or B1 who are appropriately evaluated	Percentage of newly arrived refugees designated as TB Class A or B1 who are appropriately evaluated	$\frac{\text{\# of newly arrived refugees to region X designated as TB Class A or B1 and who are appropriately evaluated}}{\text{\# of newly arrived eligible refugees to region X designated as TB Class A or B1}}$	Objective	95%	
			Region	0/0	NA
			State	71/(73-2)	100%
<i>LTBI Therapy</i> Increase percentage of newly arrived refugees in need of therapy for latent tuberculosis infection (LTBI) who have been placed on such therapy	Percentage of persons in need of therapy for LTBI who are placed on such therapy	$\frac{\text{\# of newly arrived refugees to county X in need of LTBI therapy and placed on such therapy}}{\text{\# of newly arrived refugees to region X in need of LTBI therapy}}$	Objective	75%	
			Region	7/7**	100%
			State	307/339**	91%
Increase the percentage of newly arrived refugees who have been placed on therapy for LTBI and have completed therapy	Percentage of persons who are placed on therapy for LTBI and have completed therapy	$\frac{\text{\# of newly arrived refugees to region X in need of LTBI therapy and who have been placed on and completed LTBI therapy}}{\text{\# of newly arrived refugees to region X placed on LTBI therapy}}$	Objective	40%	
			Region	3/7**	43%
			State	234/307**	76%
<b>Hepatitis B</b>					
Increase percentage of newly arrived refugees who have received a hepatitis B surface antigen (HBsAg) test	Percentage of persons who receive a hepatitis B surface antigen (HBsAg) test	$\frac{\text{\# of newly arrived refugees to region X who received HBsAg test}}{\text{\# of newly arrived refugees to region X who received a screening}}$	Objective	90%	
			Region	20/20	100%
			State	1140/1169	98%
<b>Intestinal Parasites</b>					
Increase percentage of newly arrived refugees who are tested for parasitic infections (parasitosis)	Percentage of persons who are tested for parasitic infections (O&P and serology)	$\frac{\text{\# of newly arrived refugees to county X tested for parasitic infections (O&P and serology)}}{\text{\# of newly arrived refugees to region X who received a screening}}$	Objective	90%	
			Region	11/20	55%
			State	1016/1169	87%
<b>Lead Poisoning</b>					
Increase percentage of newly arrived refugees < 17 years old who are screened for lead poisoning	Percentage of newly arrived refugees < 6 years old who are screened for lead poisoning	$\frac{\text{\# of newly arrived refugees to county X who are < 6 years old and screened for lead poisoning}}{\text{\# of newly arrived refugees < 6 years old to county X who received a screening}}$	Objective	90%	
			Region	1/1	100%
			State	167/172	97%
<b>HIV+</b>					
Increase percentage of newly arrived HIV+ refugees who are screened within 30 days of arrival and referred to a HIV specialty clinic or provider	Percentage of newly arrived HIV+ refugees who are screened within 30 days of arrival and referred to a HIV specialty clinic or provider	$\frac{\text{\# of newly arrived HIV+ refugees to county X screened within 30 days of arrival and referred to specialty clinic or provider}}{\text{\# of newly arrived HIV+ refugees to county X who received a screening}}$	Objective	100%	
			County	0/0	NA
			State	2/4	50%

<sup>§</sup>Counties with less than 15 newly arrived refugees

\*Newly arrived refugees refers to all newly arrived refugees eligible for refugee health screening in Minnesota

\*\*Based on 2008 data which reflects the most recent completion date for 9-month treatment protocol

## Number of Primary Arrivals<sup>◇</sup> to Central Region<sup>§</sup> 01/01/2009 - 12/31/2009



### Screening Rate

- *State Indicator Objective 1 to screen within 90 days of arrival:*  
Of the 23 new primary refugee arrivals to Clay (9), Otter Tail (6), Sherburne (5), and Wright (3) Counties, 21 were eligible for a health screening and 19 (90%) were screened within 90 days.
- *Overall screening rate:*  
Of the 21 eligible for a health screening, 20 (95%) were screened.

### Outcome for Those Not Screened

- Of the three not screened, two were ineligible because they could not be located. One eligible refugee was not screened because of refusal to be screened.

### Flat Fee Reimbursement

- No refugees qualified for the flat fee reimbursement in the Central region counties.

### Health Status of New Refugees Central Region, 2009

Health Condition	No. infected among screened (%)
TB infection*	4/10 (20%)
Hepatitis B infection**	0/20 (0%)
Parasitic Infection***	1/11 (9%)
Syphilis	0/18 (0%)
Malaria Infection	0/10 (0%)
Lead****	0/1 (0%)

Total number of health screenings: N<sub>Central</sub> = 20 (95% of the 21 eligible refugees)

\* Persons with LTBI (QFT+ or  $\geq$  10mm induration w/ normal CXR) or suspect/active TB disease

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

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

\*\*\*\* Children <6 years old (N<sub>Central</sub> = 1 screened)

# Health Screening Indicators: Southern Region<sup>s</sup>, 2009

All results are based on domestically completed screenings

**Kandiyohi (10), Mower (10), Steele (9),  
Nobles (5), Rice (3), Nicollet (2), Murray (1)**

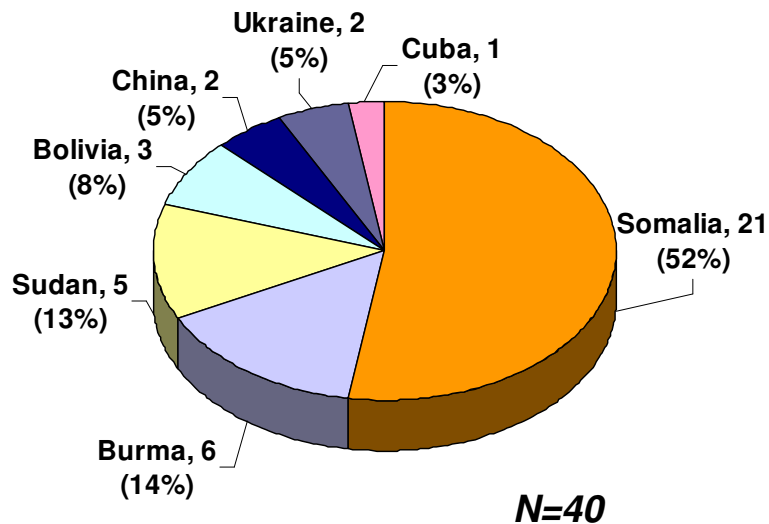
Performance Goal	Objective	Measure	Data	Year 2009	
				No.	%
<b>Health Screening Rate</b>					
Increase percentage of newly arrived refugees* who receive a health assessment within 90 days of their arrival	Percentage of persons who received at least the first visit of their health assessment within 90 days of their arrival	# of newly arrived refugees to <b>region X</b> who received at least the first visit of their health assessment within 90 days of arrival  # of newly arrived refugees to <b>region X</b> who were eligible for a screening	Objective	90%	
			Region	29/(40-2)	76%
			State	1096/(1265-65)	91%
<b>Immunizations</b>					
Increase percentage of newly arrived refugees who have immunization series initiated or continued according to recommended MDH child/adult immunization schedules	Percentage of persons who have immunization series initiated or continued according to the recommended MDH child/adult immunization schedules	# of newly arrived refugees to <b>region X</b> with immunization series initiated or continued  # of newly arrived refugees* to <b>region X</b> who received a screening	Objective	90%	
			Region	30/33	91%
			State	1009/1169	86%
<b>TB</b>					
<i>Follow-up of Refugees with TB Class Conditions</i> Increase percentage of newly arrived refugees designated as TB Class A or B1 who are appropriately evaluated	Percentage of newly arrived refugees designated as TB Class A or B1 who are appropriately evaluated	# of newly arrived refugees to <b>region X</b> designated as TB Class A or B1 and who are appropriately evaluated  # of newly arrived eligible refugees to <b>region X</b> designated as TB Class A or B1	Objective	95%	
			Region	3/3	100%
			State	71/(73-2)	100%
<b>LTBI Therapy</b>					
<i>LTBI Therapy</i> Increase percentage of newly arrived refugees in need of therapy for latent tuberculosis infection (LTBI) who have been placed on such therapy	Percentage of persons in need of therapy for LTBI who are placed on such therapy	# of newly arrived refugees to <b>county X</b> in need of LTBI therapy and placed on such therapy  # of newly arrived refugees to <b>region X</b> in need of LTBI therapy	Objective	75%	
			Region	6/8**	75%
			State	307/339**	91%
Increase the percentage of newly arrived refugees who have been placed on therapy for LTBI and have completed therapy	Percentage of persons who are placed on therapy for LTBI and have completed therapy	# of newly arrived refugees to <b>region X</b> in need of LTBI therapy and who have been placed on and completed LTBI therapy  # of newly arrived refugees to <b>region X</b> placed on LTBI therapy	Objective	40%	
			Region	5/6**	83%
			State	234/307**	76%
<b>Hepatitis B</b>					
Increase percentage of newly arrived refugees who have received a hepatitis B surface antigen (HBsAg) test	Percentage of persons who receive a hepatitis B surface antigen (HBsAg) test	# of newly arrived refugees to <b>region X</b> who received HBsAg test  # of newly arrived refugees to <b>region X</b> who received a screening	Objective	90%	
			Region	27/33	82%
			State	1140/1169	98%
<b>Intestinal Parasites</b>					
Increase percentage of newly arrived refugees who are tested for parasitic infections (parasitosis)	Percentage of persons who are tested for parasitic infections (O&P and serology)	# of newly arrived refugees to <b>county X</b> tested for parasitic infections (O&P and serology)  # of newly arrived refugees to <b>region X</b> who received a screening	Objective	90%	
			Region	22/33	67%
			State	1016/1169	87%
<b>Lead Poisoning</b>					
Increase percentage of newly arrived refugees < 17 years old who are screened for lead poisoning	Percentage of newly arrived refugees < 6 years old who are screened for lead poisoning	# of newly arrived refugees to <b>county X</b> who are < 6 years old and screened for lead poisoning  # of newly arrived refugees < 6 years old to <b>county X</b> who received a screening	Objective	90%	
			Region	4/4	100%
			State	167/172	97%
<b>HIV+</b>					
Increase percentage of newly arrived HIV+ refugees who are screened within 30 days of arrival and referred to a HIV specialty clinic or provider	Percentage of newly arrived HIV+ refugees who are screened within 30 days of arrival and referred to a HIV specialty clinic or provider	# of newly arrived HIV+ refugees to <b>county X</b> screened within 30 days of arrival and referred to specialty clinic or provider  # of newly arrived HIV+ refugees to <b>county X</b> who received a screening	Objective	100%	
			Region	2/3	67%
			State	2/4	50%

<sup>s</sup>Counties with less than 15 newly arrived refugees

\*Newly arrived refugees refers to all newly arrived refugees eligible for refugee health screening in Minnesota

\*\*Based on 2008 data which reflects the most recent completion date for 9-month treatment protocol

## Number of Primary Arrivals<sup>◇</sup> to Southern Region<sup>§</sup> 01/01/2009 - 12/31/2009



### Screening Rate

- State Indicator Objective 1 to screen *within 90 days of arrival*:**  
 Of the 40 new primary refugee arrivals to Kandiyohi (10), Mower (10), Steele (9), Nobles (5), Rice (3), Nicollet (2), and Murray (1) Counties, 38 were eligible for a health screening and 29 (76%) were screened within 90 days.
- Overall screening rate:**  
 Of the 38 eligible for a health screening and 33 (91%) were screened.

### Outcome for Those Not Screened

- Of the seven not screened, one was ineligible because they could not be located and one was ineligible because they had moved out of state. One eligible refugee was not screened because of refusal to be screened. Of the five eligible refugees not screened, all failed at attempts to schedule a screening.

### Flat Fee Reimbursement

- No refugees qualified for the flat fee reimbursement in the Southern region counties.

### Health Status of New Refugees Southern Region, 2009

Health Condition	No. infected among screened (%)
TB infection*	13/32 (41%)
Hepatitis B infection**	1/27 (2%)
Parasitic Infection***	5/22 (23%)
Syphilis	0/21 (0%)
Malaria Infection	0/8 (0%)
Lead****	0/4 (0%)

Total number of health screenings: N<sub>Southern</sub> = 33 (91% of the 38 eligible refugees)

\* Persons with LTBI (QFT+ or ≥ 10mm induration w/ normal CXR) or suspect/active TB disease

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

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

\*\*\*\* Children <6 years old (N<sub>Southern</sub> = 4 screened)

<sup>◇</sup> **Primary arrival** is a refugee who is residing in the state listed as the initial point of destination with the USCIS. Refugees are free to move from state to state, but sponsors, VOLAGs, and state health departments are designed to serve only newly arrived primary refugees to the state.