

Imported Communicable Diseases of Refugees

TB/Refugee Nurse Training
November, 2013

Margaret Tipple, MD

Outline

- Locations of displaced populations 2012-2013
- Refugee camps vs. non-camp environments
- Refugee arrivals in Virginia 2012-2013
 - By health district
 - By country of origin
- Health risks by geographic region
- Medical screening, Virginia 2012-2013

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Objectives

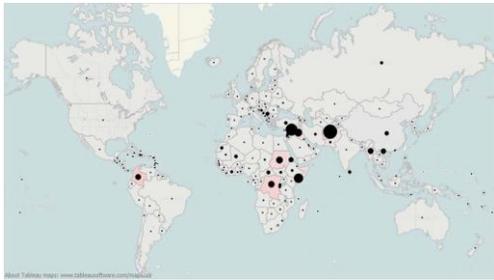
- Recognize communicable diseases identified in medical screening of newcomers that are reportable under Virginia public health statute and regulations. Know how to submit reports for the reportable conditions.
- Identify the five most common medical conditions identified as a result of medical screening of newcomers in Virginia during 2012-2013,
- Know how to obtain additional information on common and rare communicable diseases of public health concern when they are identified in newcomers.

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Refugees, UNHCR 2011



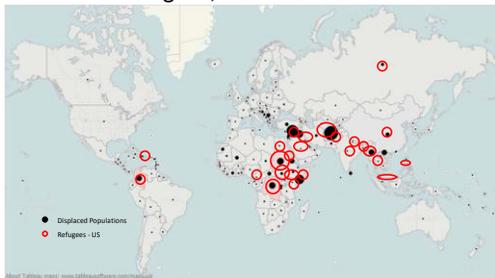
<http://www.cbc.ca/news2/interactives/map-world-refugees/>
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Refugee Camps, 2013



<http://storymaps.esri.com/stories/2013/refugee-camps/>
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Displaced Populations vs. Resettlement in Virginia, 2012-2013



<http://www.cbc.ca/news2/interactives/map-world-refugees/>
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Refugee Arrivals by Health District 2012-10/30/2013

Health District	Arrivals	Countries	Health District	Arrivals	Countries
FAIRFAX	543	31	VIRGINIA BEACH	21	10
CENTRAL SHEN.	416	20	CHESTERFIELD	10	5
T. JEFFERSON	371	22	CENTRAL VA	4	2
PENINSULA	328	24	W. TIDEWATER	4	1
HENRICO	244	20	THREE RIVERS	3	1
ALEXANDRIA	207	16	CRATER	2	1
RAPPAHANNOCK	174	16	LORD FAIRFAX	2	1
PRINCE WILLIAM	168	19	NORFOLK	2	1
ROANOKE CITY	154	18	CHESAPEAKE	1	1
ROANOKE	125	9	CUMB. PLATEAU	1	1
LOUDOUN	94	11	NORFOLK CITY	1	1
RICHMOND	85	15			
HAMPTON	67	11			
ARLINGTON	66	12			
RICHMOND CITY	44	15			
			TOTAL ARRIVALS =	3137	
			COUNTRIES =	67	

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Distribution of Refugees from 67 Countries of Origin to Health Districts, 2012-10/30/2013

Country	No. Districts	Country	No. Districts
IRAQ	17	CHINA	6
IRAN	15	KENYA	6
ETHIOPIA	13	MALAYSIA	6
NEPAL	13	PHILIPPINES	6
CUBA	11	CONGO	5
MYANMAR	11	CONGO	5
AFGHANISTAN	10	(DEM. REPUB)	5
SUDAN	10	UNITED ARAB	5
BHUTAN	9	EMIRATES	5
EGYPT	8	BURMA	4
JORDAN	8	CAMEROON	4
ERITREA	7	COLOMBIA	4
PAKISTAN	7	INDIA	4
SOMALIA	7	RUSSIA	4
THAILAND	7	SYRIA	4

Additional 37 countries with refugees arriving in 3, 2 or 1 health districts

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Health Risks: Refugees from East Africa

- Malnutrition
- Intestinal parasites (Enterobius, Trichuris, Strongyloides, and Ascaris)
- Filariasis
- Leishmaniasis
- Hepatitis B
- Tuberculosis
- Low immunization rates
- Dental caries
- Typhoid fever
- Malaria
- Trachoma
- Syphilis
- Dengue fever
- HIV infection
- Diarrheal illnesses
- Hansen's disease

Texas Dept Health/Baylor University
https://deaspaces.baylor.edu/Charles_Kemp/www/refugee_health_problems.htm

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Infectious Diseases Identified During Health Screening, Virginia, 2012-2013

- Tuberculosis
- Hepatitis B
- Hepatitis C
- RPR positive
- HIV positive
- Other
- Incomplete/undocumented immunizations

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Objectives

- Recognize communicable diseases identified in medical screening of newcomers that are reportable under Virginia public health statute and regulations. Know how to submit reports for the reportable conditions.
 - Tuberculosis, Hepatitis B, Hepatitis C, Positive RPR, HIV
 - Others from VA Reportable Disease List
- Identify the five most common medical conditions identified as a result of medical screening of newcomers in Virginia during 2012-2013.
 - Dental conditions, Non-infectious diseases (hypertension, elevated cholesterol, diabetes)
 - TB, Hepatitis B, Hepatitis C
- Know how to obtain additional information on common and rare communicable diseases of public health concern when they are identified in newcomers.
 - Refer to handouts for references and websites



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Thank you.

Questions?

Call Jill.

Call me.

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