

REPORT ON REFUGEE HEALTH IN CALIFORNIA Federal Fiscal Year 2017

Office of Refugee Health

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EXECUTIVE SUMMARY

(Note: All reference to years is based on federal fiscal year [FFY] October 1 - September 30.)

The Office of Refugee Health (ORH) Data Report is prepared annually to provide an overview of the most recent data on demographic characteristics and health conditions data among the refugee population in California. In FFY 2017, the number of arriving refugees decreased slightly when compared to the previous year. However, data continues to show significant health screening results in regards to infectious diseases, chronic disease indicators and health risk factors.

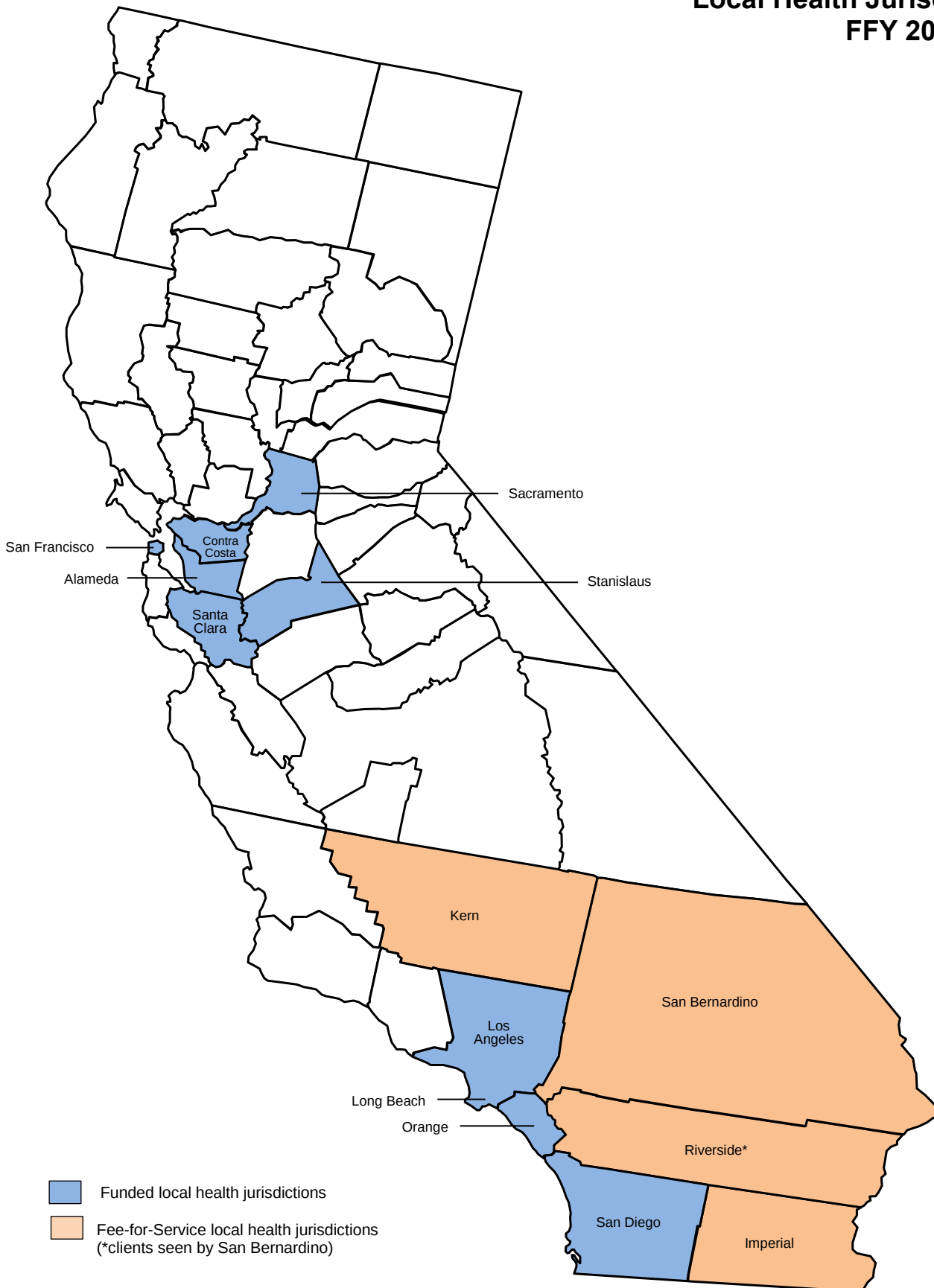
The intended purpose of this report is to inform state and local refugee stakeholders in planning and assessment of policy development relating to refugee resettlement and resource allocation. Furthermore, the data analyzed over time, geography and demographic characteristics will allow ORH and other state and local public health programs to better assess the health disparities among this population. As the largest recipient state of arriving refugees in the nation, continued monitoring and surveillance is essential to promote long-term success and a healthy quality of life.

BACKGROUND

The Refugee Act of 1980 was passed by Congress in order to standardize resettlement services for all refugees admitted to the U.S. The Act also provides the legal basis for The Office of Refugee Resettlement (ORR) to provide federal funding and services to refugees at state and local levels. With funding from ORR, the California Department of Public Health (CDPH), ORH was established in 1981 to provide statewide leadership in refugee health and to coordinate refugee health services in California. The framework for CDPH/ORH is built upon leading state and national recommendations for refugee health that includes the provision of comprehensive health assessments, culturally and linguistically competent services, health education and promotion activities, and data collection and surveillance.

Under the Refugee Health Assessment Program (RHAP), the CDPH/ORH allocates federal Refugee Medical Assistance funds from the ORR to refugee impacted local health jurisdictions (LHJs) statewide. As shown on the map on page 5, the LHJs are categorized by funded vs fee-for-service. LHJs plan and coordinate with public and private health providers, mental health providers, social services agencies, community-based organizations, voluntary agencies, etc., to enhance access to health care for refugees. The health and demographic information collected by LHJs provides early diagnosis, intervention, referral and health education for chronic and communicable diseases, intervention for immunizations for children and adults, continuity of care through medical record transfer, and statewide standardization of services provided.

**Office of Refugee Health
Local Health Jurisdictions
FFY 2016-2017**



DATA SUMMARY

For the past 4 years, approximately 70,000-85,000 refugees resettle in the United States annually with the state of California receiving 15% to 17% refugees. However, executive orders enacted in 2017 reduced refugee admissions from 110,000 to 50,000. The actual number of arrivals into the U.S. were 53,716 (U.S. Department of State, Bureau of Population, Refugees and Migration). With the refugee ceiling admissions for the FFY18 lowered to 45,000, the expected number of arrivals will continue to decrease throughout the U.S.

Data collected by LHJs are entered into Refugee Health Information System (RHEIS)* and undergo quality control measures for analysis. Methods of analysis include descriptive, trend, and ratios. The report includes demographic data for FFY 2004-2017, with significant health screening data for FFY 2017. The number of arrivals represent completed health assessments conducted at the LHJs.

During the period of 2004 through 2017 [Table 7-Appendix], California received over 127,000 refugees from 161 different countries, speaking more than 144 different languages. In FFY 2017, California received 72% of refugees who originated from the following top three countries: Afghanistan (52%), Iran (12%), and Iraq (8%). The number of arrivals into California slightly decreased by 5.3% from 2016 [See Figure 3 from Appendix]. A total of 11,563 arrivals from 81 countries [Table 7-Appendix] underwent a health assessment within 90 days of arrival. The distribution of arrivals across the LHJs is as follows: Sacramento (44.5%), San Diego (16.4%), Los Angeles (16.4%), Stanislaus (6.4%), Alameda (4.8%), Orange (3.6%), Contra Costa (3.0%), San Francisco (2.2%), and Santa Clara (1.5%) (Figure 1 and Table 6-Appendix). In the past 3 years, the county distribution has remained relatively the same with the exception of Sacramento, which has increased by 52%. As shown in Figure 2, the median age at arrival was 27 and the gender distribution was 47% female and 53% male. Of the varying age groups, regardless of sex, the largest group of arrivals (27%) were 30-50 years old.

In order to maintain consistency with Center for Disease Control and Prevention (CDC) medical guidelines, RHEIS collects health screening information that aims to improve the health of the refugee population. These are based on principles of best practices and include screenings for clinical conditions that are suggestive of underlying disorders. Since refugees come from diverse regions of the world that are predisposed to health risks and diseases, domestic screening and evaluation is important for newly arrived refugees. Based on International Classification of Diagnoses (ICDs) for 2014, of the total top ten diagnosis cases (5,711), dental caries were the highest reported diagnosis among arrivals at 18.6% [Table 1].

The screening tests in Table 2 were selected as conditions commonly detected among refugees upon arrival. The screening guideline* outlines individuals who are required to obtain the screening tests according to age, sex, and country of origin. Of the 11,563 screened cases, the following reported tests were required for all refugees arriving into California: Hepatitis B surface antigen (HbsAg), Strongyloides, HIV, and glucose. 1.2%

tested positive for HbsAg, 2.3% positive for Strongyloides, 0.1% positive for HIV, and 12.5% (random) and 11.5% (fasting) had elevated glucose levels.

Of arrivals with an African country of origin, 423 of the 457 refugees were screened for Schistosomiasis. 28.3% of the valid data (excludes not applicable) tested positive. For those with missing screening results, presumptive treatment were completed in the pre-departure country.

Individuals within a specific age group were screened for the following tests: syphilis, chlamydia, pregnancy, lipid panel, and lead*. In recent years, refugee children in the U.S. have shown increased average rates of blood lead level (BLL) of 5 mcg/dl or above. Thus, we focused our evaluation on refugee children (0-16 years of age). Among the 4,703 cases screened for lead levels, 27.7% reported elevated lead levels.

In general, optimal lipid levels help maintain a healthy heart and lower the risk of heart attack or stroke. Thus, the results of the lipid panel plus other risk factors will help determine a person's overall risk of coronary heart disease. Of those screened (2,135), 51.3% had low levels of high-density lipoprotein (HDL) cholesterol, 45.6% elevated levels of total cholesterol, 51.9% elevated levels of triglycerides, and 36.9% elevated levels of low-density lipoprotein (LDL) cholesterol. These are based on the reference ranges according to the recommendations of the National Cholesterol Education Program (NCEP)*.

With the continuing rise of refugee women arriving in the U.S., the need to address the reproductive health outcomes of this population is essential. In total, 4.8% tested positive for being pregnant at the time of the assessment. Of the reported infectious diseases, 1.3% tested positive for chlamydia while 0.6% tested positive for syphilis.

According to the ova and parasite test results [Table 3], the highest reportable parasite was Blastocystis Hominis (40.1%). Detected parasites were identified from either of the two stool samples collected at the time of the assessment. Parasites on the list were considered pathogenic or nonpathogenic according to the CDC Intestinal Parasite Guideline.

In regards to tuberculosis disposition [Table 4], 9% arrivals were classified as latent tuberculosis infection (TB II and TB IV) while 90.7% had no TB exposure. Of the total arrivals (18 years and older) with reported blood pressure (5,830), 12% were at risk for hypertensive, while 38.9% were defined as prehypertensive [Table 5]. Individuals with significant health screening findings received further treatment as needed from their primary care physician.

* See General Notes for more information on screening guideline and limitations to the data

HEALTH SCREENING DATA TABLES

Table 1. Top Five International Classification of Diseases (ICDs) Among Arrivals*: California FFY 2016-2017		
Diagnoses	No.	%
Dental Caries	2999	18.6%
Obesity	820	5.1%
Anemia	733	4.5%
Hyperlipidemia	691	4.3%
Hypertension	468	2.9%

* Health assessments completed by County Refugee Health Program for Federal Fiscal Year (FFY): Oct 1-Sept 30

Table 2. Screening Tests* by Results : California FFY 2016-2017				
Screening Tests	Availability of valid data* for screening test		Cases with positive/elevated† results	
	No.	%	No.	%
Hepatitis B Surface Antigen (HBsAg)	9661	83.6%	116	1.2%
Schistosomiasis	106	0.9%	30	28.3%
Strongyloides	7049	61.0%	160	2.3%
Human Immunodeficiency Virus (HIV) Antibody	9364	81.0%	12	0.1%
Syphilis	6416	55.5%	40	0.6%
Chlamydia	820	7.1%	11	1.3%
Total Cholesterol	1540	13.3%	702	45.6%
High-density Lipoprotein (HDL) Cholesterol	1547	13.4%	794	51.3%
Low-density Lipoprotein (LDL) Cholesterol	1523	13.2%	562	36.9%
Triglycerides	1539	13.3%	798	51.9%
Pregnancy	2620	22.7%	126	4.8%
Serum Glucose (Random)	6616	57.2%	827	12.5%
Serum Glucose (Fasting)	696	6.0%	80	11.5%
Blood Lead	3893	33.7%	1078	27.7%

*A total of 11,563 cases were screened for FFY 2016-2017

† Case responses with missing values or "not applicable" were excluded

Table 3. Intestinal Parasites Detected by Stool Examination: California FFY 2016-2017		
Parasites	No.	%
Blastocystis hominis†	1932	40.1%
Entamoeba coli‡	706	14.7%
Endolimax nana‡	633	13.1%
Giardia Intestinalis*	596	12.4%
Dientamoeba fragilis†	446	9.3%
Entamoeba histolytica*	115	2.4%
Entamoeba hartmanni‡	97	2.0%
Chilomastix mesnili‡	96	2.0%
Ascaris lumbricoides*	71	1.5%
Iodamoeba buetschlii‡	70	1.5%
Hymenolepiasis*	35	0.7%
Entamoeba dispar‡	14	0.3%

* Pathogenic

† Controversial (pathogenic/nonpathogenic)

‡ Nonpathogenic

Note: Data presented refer to cases not individuals.

Based on CDC Intestinal Parasite Guidelines for Domestic Medical Examination for Newly Arrived Refugees (2013)

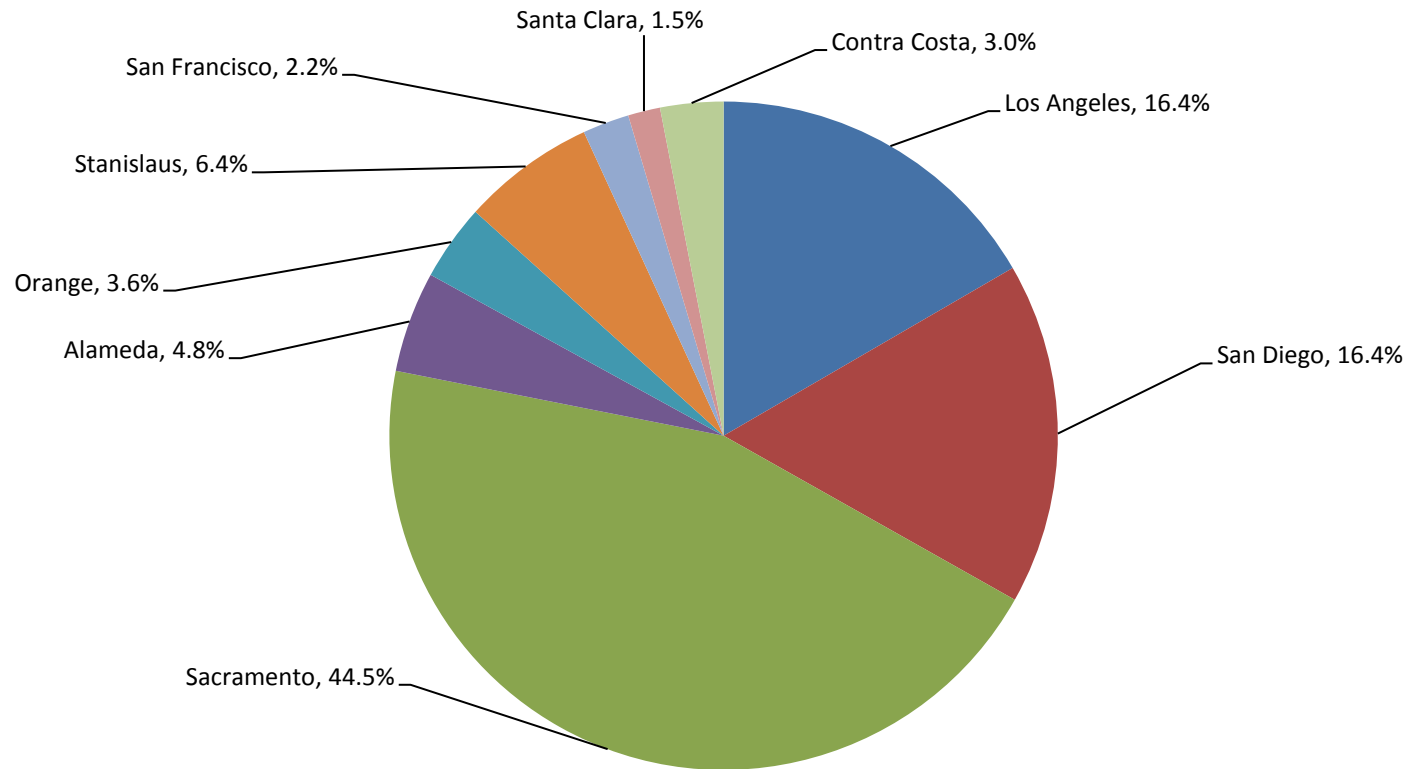
Table 4. Tuberculosis Disposition Among Arrivals*: California FFY 2016-2017		
TB Disposition	No.	%
TB Class 0 (No TB exposure, not infected)	9225	90.7%
TB Class II (TB infection, no disease)	896	8.8%
TB Class IV (TB, not clinically active)	22	0.2%
TB Class I (TB exposure, no infection)	26	0.3%

* Health assessments completed by County Refugee Health Program for Federal Fiscal Year (FFY): Oct 1-Sept 30

Table 5. Blood Pressure Classification among Adults*: California FFY 2016-2017					
Category	Systolic (mm Hg)		Diastolic (mm Hg)	Total	%
Normal	<120	and	<80	2861	49.1%
Prehypertension	120-139	or	80-99	2268	38.9%
Hypertension	140 or higher	or	90 or higher	701	12.0%

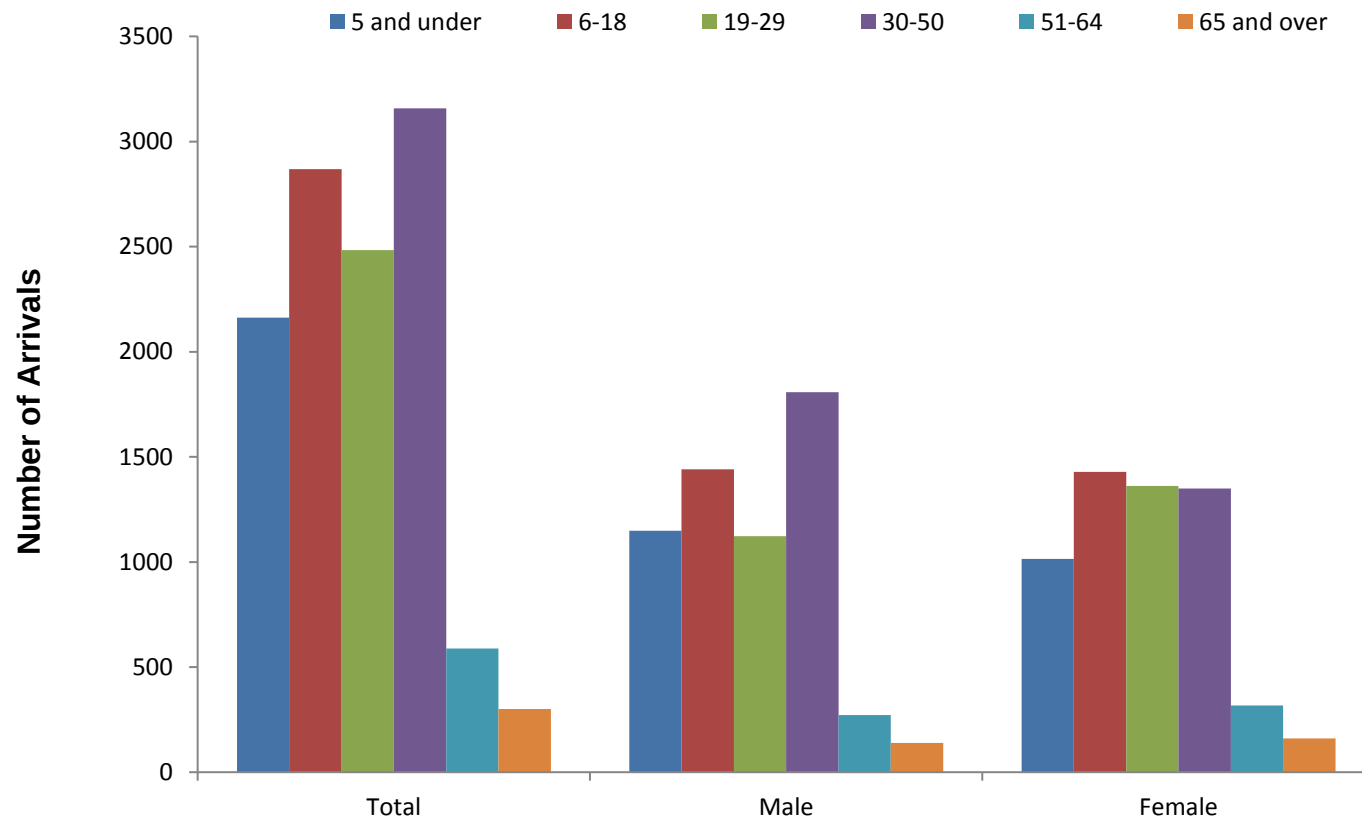
* Health assessments (18 years and older) completed by County Refugee Health Program for Federal Fiscal Year (FFY): Oct 1-Sept 30

Figure 1. Number of Arrivals* by County: California, FFY 2016-2017



* Health assessments completed by funded County Refugee Health Program for Federal Fiscal Year (FFY): Oct 1-Sept 30

Figure 2. Number of Arrivals* by Age and Sex: California, FFY 2016-2017



* Health assessments completed by County Refugee Health Program for Federal Fiscal Year (FFY): Oct 1-Sept 30

GENERAL NOTES

Screening Tests Guideline

Tests	All Refugees	Age/Sex Specific	Country Specific	Reference Values
Hepatitis B surface Antigen	xxx			Reactive/Non-Reactive
Human Immunodeficiency Virus	xxx			Positive/Negative
Ova and Parasite (2 stool samples)	xxx			Positive/Negative
Serum Glucose (Random or Fasting)	xxx			Elevated: 140 mg/dL or higher
Strongyloides	xxx			Positive/Negative
Schistosoma			xxx (African Countries)	Positive/Negative
Blood Lead		xxx 0 ≤ 16 yrs		Elevated: 5 µg/dL or higher
Lipid Panel* (Random or Fasting)		xxx Male ≥ 35yrs Female ≥ 45yrs		TOTAL CHOLESTEROL Borderline high: 200-239 mg/dL High: > or =240 mg/dL TRIGLYCERIDES Borderline high: 150-199 mg/dL High: 200-499 mg/dL Very high: > or =500 mg/dL HDL CHOLESTEROL Males > or =40 mg/dL Females > or =50 mg/dL LDL CHOLESTEROL Above Desirable: 100-129 mg/dL Borderline high: 130-159 mg/dL High: > or = 160 mg/dL
Pregnancy		xxx Female		Positive/Negative
Syphilis RPR (rapid plasma reagin)		xxx ≥ 15 yrs		Reactive/Non-Reactive
Chlamydia		xxx Female >15 to ≤ 25 years		Positive/Negative

* Based on National Lipid Association and the National Cholesterol Education Program (NCEP)

Refugee Health Information System Overview

The data represented in this report are gathered and transmitted by RHAP grantees into an online electronic database known as Refugee Health Information System (RHEIS). RHEIS serves as the tool that allows CDPH/ORH to improve and standardize the collection of quality, comprehensive data and to enhance processes for program planning and policy decisions and program management and oversight. RHEIS data also provides RHAP grantees data and reports to guide local planning efforts, ensure program performance and support local funding requests.

Limitations of Data

ORH emphasizes the importance of collecting and maintaining valid and quality data. It is important to highlight potential limitations in existing data and interpretations to ensure the information is used appropriately. The following data limitations should be considered while viewing this report:

- The number of arrivals represents individuals, unless stated as cases. These eligible arrivals are screened by the LHJs under ORH program guidelines.
- Missing and/or unknown values are a result of incomplete assessments. Reasons may include (but not limited to): moved out of state, unable to locate, declined, used other provider or did not keep appointment.
- Some screening tests are age-specific, sex-specific, and country-specific. Recommendations may need to be altered based on the patient history, unanticipated/unrecognized health conditions, clinical judgment, cultural knowledge or family/social/medical history.
- Timeliness of data collection and data entry into RHEIS may vary depending on the lag time of each LHJs.
- ORH makes health screening recommendations based on CDC guideline updates.

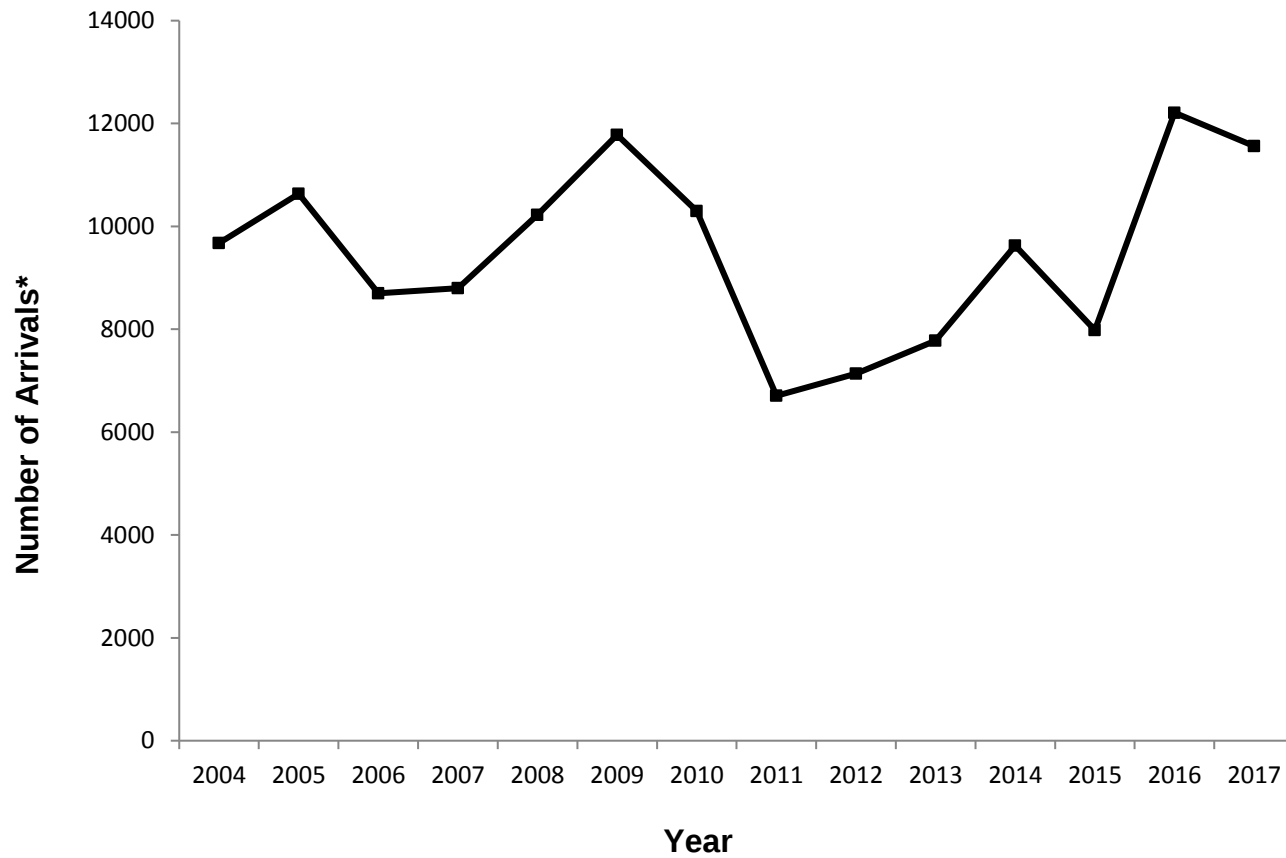
Despite limitations, demographic and health screening data provides an important means to monitor and evaluate health status for the refugee population. The data can facilitate development of policies, improve clinical practice, inform others about the health status of the California refugee population and assist in resource allocations at the local and state levels to reduce disparities and prioritize health equity.

ACKNOWLEDGEMENTS

The success of the California Department of Public Health, Office of Refugee Health is largely attributable to the strength of its collaborative relationships with key partners at the federal, state, local, and community levels. Thus, the Office of Refugee Health would like to thank the Refugee Health Programs from the local health jurisdictions for their dedication and hard work. They not only provide the necessary medical screening but also the data for this publication. Lastly, the Office of Refugee Health would like to thank our funding agencies, the Office of Refugee Resettlement and the Centers for Disease Control and Prevention.

APPENDIX

Figure 3. Number of Arrivals*: California, FFY 2004-2017



* Health assessments completed by County Refugee Health Program for Federal Fiscal Year (FFY): Oct 1-Sept 30

Table 6. Arrivals* by County, Age Group, Sex: California FFY 2004-2017

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Total
Total Arrivals	9,675	10,635	8,698	8,799	10,221	11,781	10,297	6,706	7,137	7,777	9,625	7,981	12,210	11,563	133,105
Resettlement County															
Alameda	530	570	614	520	425	520	418	346	253	352	605	464	574	558	6,749
Butte**	107	71	-	-	-	-	-	-	-	-	-	-	-	-	178
Contra Costa	71	110	134	83	75	69	65	52	29	64	176	124	194	349	1,595
Fresno**	922	1,355	199	100	25	-	-	-	-	-	-	1	-	-	2,602
Humboldt**	-	7	4	-	-	-	-	-	-	-	-	-	-	-	11
Imperial***	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
Kern***	-	-	-	-	39	30	18	5	-	-	3	4	4	5	108
Los Angeles	2,489	3,145	3,346	4,097	4,647	4,577	3,695	2,330	2,400	2,961	3,569	2,845	3,397	1,902	45,400
Merced**	258	478	72	3	-	3	-	-	-	-	-	-	-	-	814
Nevada	-	-	-	-	-	-	-	-	-	-	-	2	-	-	2
Orange	359	488	593	360	423	512	508	294	327	493	456	369	450	422	6,054
Riverside**	-	-	-	-	-	-	-	-	-	-	1	2	-	-	3
Sacramento	2,461	2,183	1,142	778	544	748	744	535	680	622	1,334	1,466	3,249	5,140	21,626
San Bernardino***	-	-	-	-	-	-	-	-	-	-	1	25	95	120	241
San Diego	1,349	918	1,126	1,574	2,794	3,744	3,172	2,035	2,446	2,309	2,470	1,853	3,031	1,891	30,712
San Francisco	291	263	282	150	138	332	485	412	299	259	308	268	290	258	4,035
San Joaquin**	134	351	60	-	6	-	-	-	-	-	-	-	-	-	551
Santa Clara	635	608	891	685	579	769	832	495	491	477	346	239	269	178	7,494
Stanislaus	39	88	235	449	526	471	360	199	211	240	356	319	657	738	4,888
Tulare**	11	-	-	-	-	-	-	-	-	-	-	-	-	-	11
Yolo**	19	-	-	-	-	6	-	3	1	-	-	-	-	-	29
Age Group															
5 and under	1,264	1,307	678	568	712	842	813	496	639	635	1,068	933	1,844	2,165	13,964
6-18	3,203	3,570	2,588	2,129	2,159	2,280	2,113	1,468	1,492	1,717	2,018	1,768	2,998	2,869	32,372
19-29	1,877	1,985	2,009	2,087	2,423	2,934	2,690	1,823	1,917	1,865	2,360	1,790	2,663	2,484	30,907
30-50	2,424	2,708	2,539	2,636	3,063	3,370	3,016	1,982	2,211	2,423	2,807	2,340	3,296	3,157	37,972
51-64	590	668	592	906	1,149	1,382	1,057	637	623	752	909	731	914	588	11,498
65 and over	317	397	292	473	715	973	608	300	255	385	463	419	495	300	6,392
Sex															
Female	4,987	5,506	4,435	4,456	5,099	5,865	5,054	3,310	3,441	3,785	4,700	3,889	5,874	5,633	66,034
Male	4,688	5,129	4,263	4,343	5,122	5,916	5,243	3,396	3,696	3,992	4,921	4,073	6,333	5,927	67,042

* Health assessments completed by County Refugee Health Program for Federal Fiscal Year (FFY): Oct 1-Sept 30

** Closed

*** Fee for Service (Riverside clients seen by San Bernardino)

- Indicates zero arrivals

Table 7. Arrivals* by Country of Origin: California FFY 2004-2017

Region	Country	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Total
AFRICA		1,534	968	1,108	840	362	344	538	541	728	659	686	653	926	458	10,345
	Algeria	-	1	1	1	1	2	2	4	1	1	1	7	-	1	23
	Angola	-	-	-	-	2	-	-	2	-	-	-	-	-	2	6
	Benin	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1
	Botswana	2	-	1	-	-	-	-	-	-	-	-	-	-	-	3
	Burkina Faso	-	-	-	-	-	-	1	-	-	-	-	-	1	1	3
	Burundi	6	21	5	45	22	5	3	-	-	9	8	44	7	-	51
	Cameroon	10	27	35	30	21	2	4	6	4	4	14	13	6	11	187
	Central African Republic	1	4	-	7	1	-	-	1	3	-	1	1	-	2	21
	Chad	-	-	-	-	-	1	-	-	1	-	-	-	2	-	4
	Comoros	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	Congo	37	22	29	56	8	22	48	5	52	34	58	94	247	74	786
	Djibouti	-	-	-	4	-	-	-	-	-	9	16	3	-	-	32
	Egypt	20	25	8	14	14	17	21	45	126	163	207	80	69	25	834
	Equatorial Guinea	-	1	4	-	-	1	-	-	-	-	-	-	-	1	7
	Eritrea	16	24	45	52	22	69	86	107	96	59	47	71	48	80	822
	Ethiopia	274	150	150	122	49	61	131	164	126	78	93	73	89	37	1,597
	Europa Island	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
	Gabon	-	3	-	1	-	-	-	-	-	1	-	-	-	-	5
	Gambia	-	-	-	-	-	-	1	-	1	2	-	-	-	-	4
	Ghana	3	4	6	14	-	-	1	2	-	-	-	-	-	1	31
	Guinea	10	-	-	-	2	-	-	-	-	-	2	-	-	-	14
	Ivory Coast	32	13	6	2	1	-	2	1	6	4	-	-	-	3	70
	Kenya	171	98	138	70	28	46	52	33	41	17	22	23	59	42	840
	Liberia	195	97	57	38	29	2	-	6	-	1	-	-	-	-	425
	Libya	-	-	1	1	2	1	-	9	2	4	-	-	2	1	23
	Malawi	-	-	-	-	-	-	-	-	-	3	-	5	2	-	10
	Mali	-	-	-	-	-	-	2	-	1	-	-	-	-	-	3
	Mauritania	-	-	4	-	-	-	-	-	-	-	-	-	-	-	4
	Morocco	1	1	1	2	-	-	-	2	1	-	-	1	-	1	10
	Mozambique	-	4	-	1	-	-	-	-	-	-	-	-	-	-	5
	Namibia	-	-	2	-	-	1	-	-	-	-	-	-	1	-	4
	Nigeria	-	3	5	-	2	3	3	5	10	1	6	3	5	7	53
	Reunion	-	-	-	-	-	-	-	-	-	8	-	-	-	-	8
	Rwanda	3	8	9	24	4	2	8	-	4	-	17	5	36	1	121
	Senegal	-	1	-	5	-	1	-	-	-	-	-	-	2	1	10
	Seychelles	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	Sierra Leone	41	33	14	9	1	2	8	-	1	2	-	-	-	1	112
	Somalia	572	340	491	270	100	99	134	130	203	187	147	153	134	79	3,039
	South Africa	-	-	-	-	-	-	1	1	5	-	10	11	8	-	36
	Sudan	118	69	70	15	23	4	16	3	27	47	10	11	20	12	445
	Swaziland	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1
	Tanzania	2	3	2	27	13	2	4	-	-	1	3	20	103	31	211
	Togo	1	3	4	1	-	-	-	-	-	-	1	1	-	-	11
	Tunisia	-	-	2	-	1	-	-	-	1	-	1	-	-	1	6
	Uganda	17	10	11	23	15	1	4	7	14	23	19	33	80	43	300
	Zambia	-	-	-	2	-	-	1	1	-	1	1	1	5	-	12
	Zimbabwe	-	3	7	3	-	-	5	6	2	-	2	-	-	-	28

Table 7 (continued). Arrivals* by Country of Origin: California FFY 2004-2017

Region	Country	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Total
EAST & SOUTHEAST		3,799	5,623	3,261	2,006	1,394	1,254	1,486	1,060	938	952	1,721	1,096	974	325	25,889
	Bangladesh	-	-	19	10	-	-	3	-	4	3	2	6	3	-	50
	Burma/Myanmar	83	121	73	514	556	306	248	277	320	224	136	193	77	34	3,162
	Cambodia	8	11	14	7	3	2	4	1	-	1	15	3	2	-	71
	China	1,407	1,803	1,838	863	390	349	777	339	388	501	1,328	736	774	224	11,717
	Hong Kong	1	1	-	-	-	-	-	-	-	1	-	-	-	-	3
	Indonesia	6	7	13	13	13	5	9	14	2	5	11	4	3	5	110
	Japan	-	-	1	-	1	-	-	-	-	-	1	1	-	-	4
	Korea, North	-	-	2	-	1	2	-	2	1	2	5	-	1	2	18
	Korea, South	-	2	1	-	-	2	-	4	4	10	1	4	1	1	30
	Laos	480	828	113	28	4	2	2	43	5	-	-	-	-	-	1,505
	Malaysia	2	-	-	-	4	5	6	9	18	17	11	30	17	4	123
	Maldives	-	-	1	-	-	1	-	-	-	-	-	-	-	-	2
	Mongolia	16	7	17	40	17	38	32	39	13	15	5	1	4	5	249
	Nepal	16	25	76	69	72	156	122	220	139	104	116	46	43	24	1,228
	Philippines	2	31	170	4	3	4	12	5	12	17	59	34	26	24	403
	Singapore	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1
	Taiwan	-	-	-	-	2	-	1	-	-	-	-	-	-	-	3
	Thailand	1,494	2,209	236	140	92	47	81	103	22	37	24	35	19	1	4,540
	Tibet	5	23	10	3	2	6	4	-	1	1	-	-	-	-	55
	Vietnam	279	555	677	315	234	329	185	4	8	14	7	3	4	1	2,615
EUROPE & CENTRAL		2,307	1,928	1,739	1,060	613	502	497	377	374	198	329	527	784	1,087	12,322
	Albania	-	2	-	-	1	-	-	-	-	-	-	-	-	-	3
	Armenia	282	348	423	256	114	47	33	56	39	25	45	57	68	48	1,841
	Austria	4	4	-	1	7	-	1	-	1	-	-	-	-	-	18
	Azerbaijan	57	32	20	6	-	3	5	8	7	4	3	1	7	7	160
	Belarus	114	86	92	34	32	18	38	21	13	6	17	29	22	15	537
	Bosnia & Herzegovina	28	7	-	-	-	-	-	-	-	-	-	-	-	1	36
	Bulgaria	5	6	4	-	1	-	2	-	2	-	-	-	2	-	22
	Croatia	3	-	-	-	-	-	2	-	-	1	-	-	-	-	6
	Cyprus	-	-	-	-	-	-	-	-	-	-	1	2	2	1	6
	Estonia	1	-	-	-	-	-	1	-	-	-	1	-	-	-	3
	France	-	1	-	-	1	1	2	-	2	-	-	-	-	-	7
	Georgia	12	16	29	12	12	9	4	5	4	1	4	1	1	1	111
	Germany	-	2	-	-	1	-	-	-	-	-	-	2	1	-	6
	Greece	-	-	1	1	-	2	3	2	-	-	1	1	-	-	11
	Hungary	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1
	Iceland	-	1	-	1	3	2	-	-	2	-	-	-	-	-	9
	Ireland	-	-	-	-	4	2	1	-	-	-	-	-	-	-	7
	Isle of Man	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1
	Kazakhstan	98	33	53	12	4	11	8	12	13	-	3	13	22	9	291
	Kyrgyzstan	8	7	6	7	-	1	1	6	8	11	6	8	8	4	81
	Latvia	3	7	-	4	2	-	-	-	-	1	-	-	1	9	27
	Lithuania	3	-	-	1	1	-	-	1	-	-	-	-	-	-	6
	Malta	-	-	-	1	-	3	1	-	1	-	-	2	-	-	8
	Moldova	409	262	179	136	117	128	97	88	80	17	32	75	82	93	1,795
	Monaco	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1

Table 7 (continued). Arrivals* by Country of Origin: California FFY 2004-2017

Region	Country	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Total
EUROPE & CENTRAL		2,307	1,928	1,739	1,060	613	502	497	377	374	198	329	527	784	1,068	12,303
	Norway	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1
	Poland	-	5	1	-	-	1	-	-	-	-	1	-	-	-	8
	Romania	20	11	3	3	-	-	2	-	2	1	1	-	-	-	43
	Russia	378	320	263	178	80	76	100	54	79	50	36	72	110	97	1,893
	San Marino	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1
	Serbia	3	-	1	-	1	-	-	-	1	-	1	-	-	-	7
	Slovenia	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1
	Sweden	-	-	-	-	-	-	-	-	-	-	2	-	2	-	4
	Tajikistan	3	8	1	-	-	1	5	4	4	-	5	3	6	1	41
	Turkey	5	-	3	7	13	19	34	17	11	9	26	18	29	13	204
	Turkmenistan	4	3	4	9	2	5	-	4	3	11	-	2	-	-	47
	Ukraine	798	618	473	347	200	156	112	66	71	48	124	230	399	784	4,426
	United Kingdom	-	-	-	-	1	1	3	-	1	1	-	-	1	1	9
	Uzbekistan	66	149	182	44	15	16	40	32	30	12	18	10	21	3	638
	Vatican City	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1
	Yugoslavia	3	-	-	-	-	-	1	-	-	-	-	-	-	-	4
LATIN AMERICA &		367	257	256	272	186	294	277	302	287	302	308	348	643	586	4,685
	Argentina	1	-	2	1	-	-	1	-	-	1	-	-	-	-	6
	Aruba	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	Belize	-	-	-	-	-	-	-	-	2	-	-	-	1	1	4
	Bermuda	4	-	-	2	-	-	1	-	-	-	-	-	-	-	7
	Bolivia	-	5	-	-	-	-	-	-	-	1	-	-	-	-	6
	Brazil	2	1	4	3	1	16	15	5	9	7	7	6	3	18	97
	Chile	5	5	9	1	1	-	-	-	3	-	-	-	-	-	24
	Colombia	53	30	24	22	6	3	9	1	5	1	8	11	8	1	182
	Costa Rica	-	1	-	-	-	-	-	-	1	-	-	-	-	3	5
	Cuba	265	167	155	187	134	198	142	105	99	114	135	167	192	51	2,111
	El Salvador	-	14	9	1	7	14	14	21	10	17	28	33	121	239	528
	Guatemala	21	26	41	25	15	30	32	27	23	22	38	49	53	80	482
	Haiti	2	-	-	8	8	1	20	104	90	92	34	17	206	121	703
	Honduras	-	1	1	3	-	-	8	4	5	8	12	26	25	30	123
	Jamaica	-	-	-	2	-	-	-	1	-	1	-	-	-	-	4
	Mexico	7	-	1	10	9	22	27	24	34	32	40	34	25	34	299
	Nicaragua	-	-	-	-	-	2	4	2	-	4	5	3	6	5	31
	Panama	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
	Peru	6	7	9	7	5	8	4	6	4	2	-	2	2	2	64
	Suriname	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1
	Venezuela	-	-	-	-	-	-	-	2	2	-	1	-	1	-	6

Table 7 (continued). Arrivals* by Country of Origin: California FFY 2004-2017

Region	Country	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Total
NEAR EAST & SOUTH ASIA		1,213	1,287	2,275	4,586	7,579	9,014	6,669	3,617	3,764	4,465	6,466	5,195	8,282	8,945	73,357
	Afghanistan	113	50	71	39	65	128	91	94	114	191	1,659	1,459	3,555	6,009	13,638
	Bahrian	-	-	-	-	-	-	-	-	1	1	-	-	-	-	2
	Bhutan	8	4	-	4	167	315	117	126	71	19	36	8	14	1	890
	Gaza Strip	-	-	-	-	-	-	-	-	2	-	-	-	-	-	2
	India	334	269	338	175	47	47	69	32	16	35	19	13	24	11	1,429
	Iran	631	885	1,635	3,683	4,373	4,174	2,491	1,169	815	1,340	1,774	1,936	2,043	1,364	28,313
	Iraq	87	62	162	606	2,850	4,199	3,704	2,071	2,630	2,708	2,756	1,470	1,315	965	25,585
	Israel	-	2	-	1	6	8	-	2	2	2	-	4	-	4	31
	Jordan	-	-	1	10	33	48	29	8	26	36	20	25	75	36	347
	Kuwait	-	-	1	4	8	5	2	10	4	7	4	10	1	9	65
	Lebanon	-	4	-	8	14	36	23	10	7	7	18	7	7	14	155
	Oman	-	-	-	-	-	-	2	-	-	1	2	3	9	-	17
	Pakistan	16	1	47	40	3	15	17	14	15	14	22	25	80	17	326
	Palestinian Territory	-	-	-	-	-	-	-	-	-	-	4	2	7	1	14
	Qatar	-	-	-	-	-	-	2	-	-	-	2	-	-	-	4
	Saudi Arabia	-	-	-	-	1	5	5	-	7	5	5	7	8	5	48
	Sri Lanka	2	1	4	1	2	16	50	34	20	42	20	10	14	3	219
	Syria	5	5	2	4	9	17	40	38	25	36	113	199	1,099	502	2,094
	United Arab Emirates	-	-	-	2	-	-	5	5	7	13	12	6	10	4	64
	West Bank	3	-	-	-	-	1	6	1	-	8	-	-	-	-	19
	Yemen	14	4	14	9	1	-	16	3	2	-	-	11	21	-	95
OCEANIA		27	0	10	4	0	9	3	0	0	0	1	0	-	-	54
	Australia	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1
	Christmas Island	-	-	3	-	-	-	-	-	-	-	-	-	-	-	3
	Fiji	26	-	6	4	-	8	3	-	-	-	1	-	-	-	48
	Solomon Islands	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1
	Tonga	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
UNKNOWN		428	572	49	31	87	364	827	809	1,046	1,201	114	162	601	162	6,453
TOTAL		9,675	10,635	8,698	8,799	10,221	11,781	10,297	6,706	7,137	7,777	9,625	7,981	12,210	11,563	133,105

* Health assessments completed by County Refugee Health Program for Federal Fiscal Year (FFY): Oct 1-Sept 30