



REPORT ON REFUGEE HEALTH IN CALIFORNIA Federal Fiscal Year 2016

Office of Refugee Health

Edmund G. Brown Jr., Governor
State of California
Diana Dooley, Secretary
Health and Human Services Agency
Karen Smith, MD, MPH, Director
Department of Public Health



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EXECUTIVE SUMMARY

(Note: All references to years are based on federal fiscal year [FFY] which runs from Oct 1 - Sept 30.)

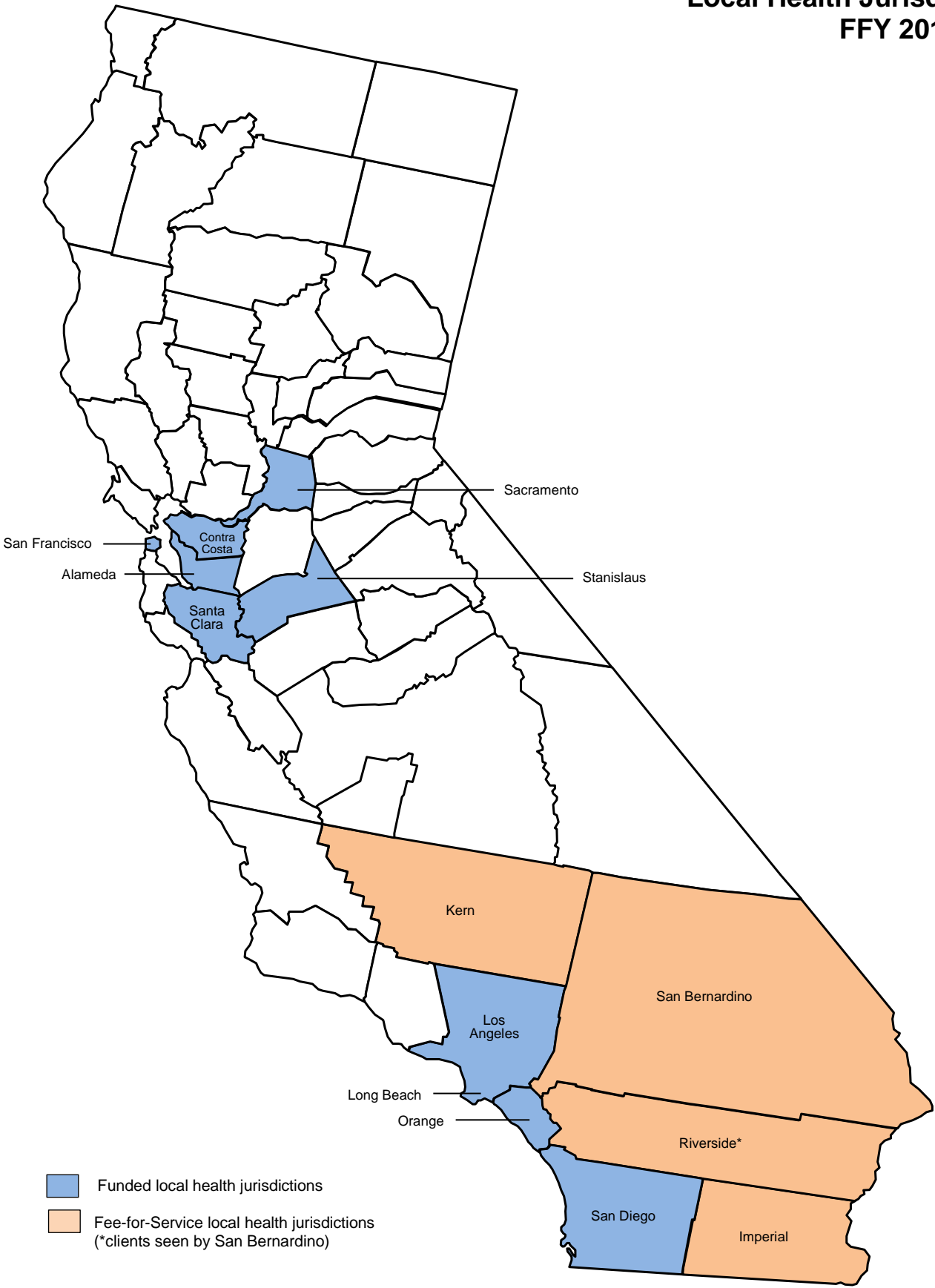
The Office of Refugee Health (ORH) data report provides an overview of the demographic characteristics and health conditions of the refugee population for FFY 2003-2016. Methods of analysis include descriptive, trend, and ratios. Results of the data shows an increase in the number of refugee for the past 3 years and significant health screening findings. For FFY 2016, 57% of the refugees originated from the following top three countries: Iraq, Iran and Afghanistan. With the number of arrivals projected to increase in the upcoming years, the ORH will continue to monitor health trends and report any significant findings. An annual data report will aid refugee stakeholders in the planning and assessment of policy development impacting placement, resettlement, and resource allocation. With the data collected and analyzed, the ORH can better assess the health disparities and promote the long-term success and healthy quality of life among refugees arriving in California.

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) and for federal funding to provide 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 2015-2016**



DATA SUMMARY

Data collected by LHJs are entered into Refugee Health Information System (RHEIS)* and undergo quality control measures for analysis. Demographic data presented in the report is for FFY 2003-2016, with significant health screening data for the most recent FFY 2016. Approximately 70,000-80,000 refugees resettle in the United States each year with the state of California historically receiving 15% to 17% of all new refugees, making it the largest recipient state in the nation. During the period of 2003 through 2016 [Table 7-Appendix], California received over 127,000 refugees from 161 different countries, speaking more than 144 different languages. For FFY 2016, the top three country of origin are Afghanistan (29%), Iran (17%) and Iraq (11%),

The number of arrivals into California continues to increase each year with a 53% increase from 2015 [See Figure 4 from Appendix]. For 2016, 12,210 arrivals from 81 countries [Table 7-Appendix] were screened with a majority (68%) coming from the Near East/South Asia region as refugees (56%) and Special Immigrant Visas (41%). The distribution of arrivals based on LHJs is as follows: Los Angeles (27.8%), Sacramento (26.6%), San Diego (24.8%), Stanislaus (5.4%), Alameda (4.7%), Orange (3.7%), San Francisco (2.4%), Santa Clara (2.2%), and Contra Costa (1.6%). (Figure 1 and Table 6-Appendix). For the past 3 years, the county distribution has remained the same with the exception of Sacramento which has increased by 48%. For FFY 2016, Special Immigrant Visas make up 60% of arrivals in Sacramento.

As shown in Figure 2, the median age at arrival was 27 and the gender distribution was 48% female and 52% male. Of the varying age groups, regardless of sex, the largest group of arrivals (27%) were 30-50 years old. Of the distribution of arrival type, the majority of individuals were primary refugees (55.3%) followed by Special Immigrant Status (28.3%) individuals. The smallest group were secondary refugees at 0.2% [Table 6-Appendix and Figure 3].

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 (7,097), dental caries were the highest reported diagnosis among arrivals at 33.2% [Table 1].

The screening tests in Table 2 were chosen as conditions commonly detected among refugees upon arrival. The screening guideline in General Notes outlines who is required to get the screening tests based on age, sex, and country of origin. Of the 12,210 screened cases, the following reported tests were required for all refugees arriving into California: Hepatitis B surface antigen (HbsAg), Strongyloides, HIV, and

glucose. 1.4% tested positive for HbsAg, 0.9% positive for Strongyloides, 0.2% positive for HIV, and 9.2% (random) and 7.2% (fasting) had elevated glucose levels.

For screening tests with specific requirements, the data was further stratified accordingly by age, sex and country of origin. Of arrivals with an African country of origin, 731 of the 926 refugees were screened for Schistosomiasis. 14.1% of the valid data (excludes not applicable) tested positive. For those with missing screening results for Schistosomiasis and Strongyloides, presumptive treatment may have been done in the pre-departure country.

Individuals within a specific age group were screened for the following tests: syphilis, chlamydia, pregnancy, lipid panel, and lead [*General Notes]. In recent years, refugee children in the U.S. have increased average rates of blood lead level (BLL) of 5 mcg/dl or above at their time of arrival. Thus, we focused our evaluation on refugee children (0-16 years of age). Among the 4,447 cases screened for lead levels upon arrival, 14.1% 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 (2,741), 49.1% had low levels of high-density lipoprotein (HDL) cholesterol, 47.9% elevated levels of total cholesterol, 51.5% 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)*.

Given the continued rise of women refugees in the US (51% increase from FFY 2015), there is a need to address the reproductive health outcomes of this population. In total, 2.3% tested positive for being pregnant aside from those that reported to be currently pregnant (5.2%) at the time of the assessment. Of the two reported infectious diseases, 1.1% tested positive for chlamydia while 0.5% tested positive for syphilis.

According to the ova and parasite test results [Table 3], the highest reportable parasite was Blastocystis Hominis (46.9%). Detected parasites were identified from either of the two stool samples. Parasites on the list were considered pathogenic or nonpathogenic according to the CDC Intestinal Parasite Guideline.

In regards to tuberculosis disposition [Table 4], 10.3% arrivals were classified as latent tuberculosis infection (TB II and TB IV) while 89.5% had no TB exposure. Of the total arrivals (18 years and older) with reported blood pressure (5,895), 12.2% were at risk for hypertensive, while 35.9% were defined as prehypertensive [Table 5]. All individuals with significant health screening findings were referred and further treated for their condition.

* 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 2015-2016

Diagnoses	No.	%
Dental Caries	2357	33.2%
Obesity	818	11.5%
Hyperlipidemia	631	8.9%
Hypertension	564	7.9%
Dependence Syndrome	509	7.2%

* 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 2015-2016

Screening Tests	Availability of valid data* for screening test		Cases with positive/elevated† results	
	No.	%	No.	%
Hepatitis B Surface Antigen (HBsAg)	9639	78.9%	139	1.4%
Schistosomiasis	177	1.4%	25	14.1%
Strongyloides	4714	38.6%	44	0.9%
Human Immunodeficiency Virus (HIV) Antibody	9639	78.9%	22	0.2%
Syphilis	6608	54.1%	31	0.5%
Chlamydia	792	6.5%	9	1.1%
Total Cholesterol	1637	13.4%	784	47.9%
High-density Lipoprotein (HDL) Cholesterol	1649	13.5%	810	49.1%
Low-density Lipoprotein (LDL) Cholesterol	1635	13.4%	604	36.9%
Triglycerides	1641	13.4%	845	51.5%
Pregnancy	2436	20.0%	61	2.5%
Serum Glucose (Random)	5857	48.0%	538	9.2%
Serum Glucose (Fasting)	893	7.3%	68	7.6%
Blood Lead	3187	26.1%	448	14.1%

*A total of 12,210 cases were screened for FFY 2015-2016

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

Table 3. Intestinal Parasites Detected by Stool Examination: California FFY 2015-2016

Parasites	No.	%
Blastocystis hominis†	2140	46.9%
Endolimax nana‡	632	13.8%
Entamoeba coli‡	551	12.1%
Dientamoeba fragilis†	402	8.8%
Giardia Intestinalis*	382	8.4%
Entamoeba hartmanni‡	102	2.2%
Iodamoeba buetschlii‡	91	2.0%
Chilomastix mesnili‡	87	1.9%
Ascaris lumbricoides*	71	1.6%
Entamoeba histolytica*	64	1.4%
Entamoeba dispar‡	21	0.5%
Hymenolepiasis*	17	0.4%
Enterobiasis‡	1	0.0%
Taeniasis*	1	0.0%
Trichomoniasis‡	1	0.0%
Trichuris Trichiura*	1	0.0%

* 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 2015-2016

TB Disposition	No.	%
TB Class 0 (No TB exposure, not infected)	8479	89.5%
TB Class II (TB infection, no disease)	952	10.0%
TB Class IV (TB, not clinically active)	28	0.3%
TB Class I (TB exposure, no infection)	18	0.2%

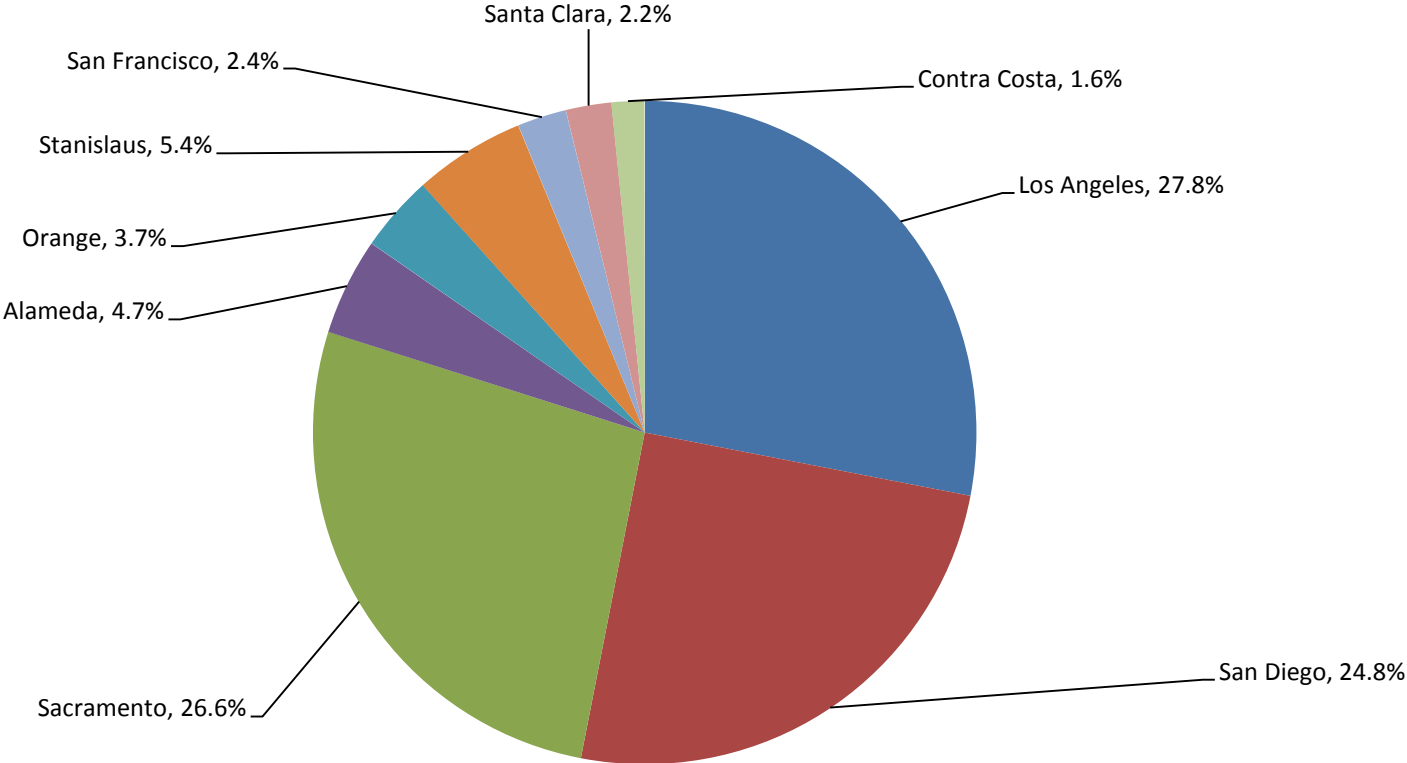
* Health assessments completed by County Refugee Health Program for Federal Fiscal Year (FFY): Oct 1-Sept 30

Table 5. Blood Pressure Classification among Adults*: California FFY 2015-2016

Category	Systolic (m m Hg)		Diastolic (m m Hg)	Total	%
Normal	<120	and	<80	3057	51.9%
Prehypertension	120-139	or	80-99	2117	35.9%
Hypertension	140 or higher	or	90 or higher	721	12.2%

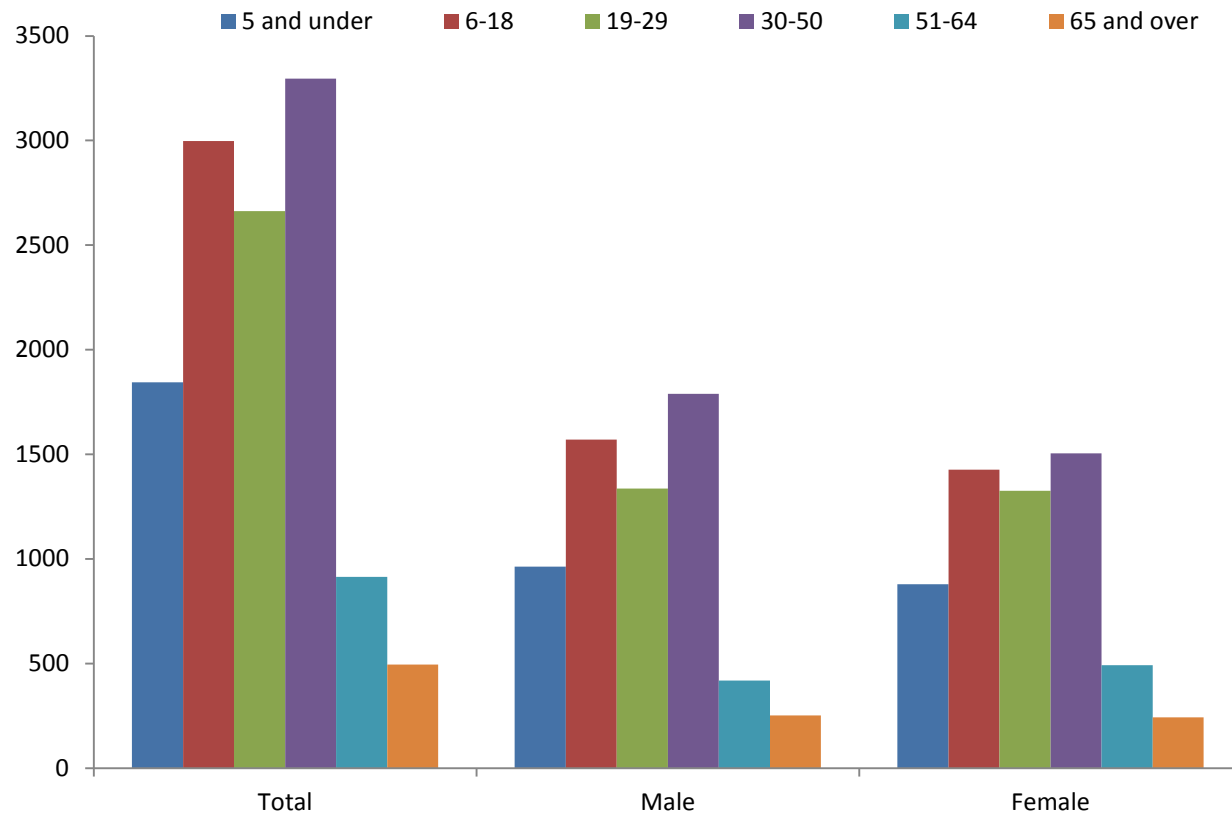
* Health assessments (18 years and older) completed by County Refugee Health Program for Federal Fiscal Year (FFY): Oct 1-Sept 30

Figure 1. Number of Arrivals* by County: California, FFY 2015-2016



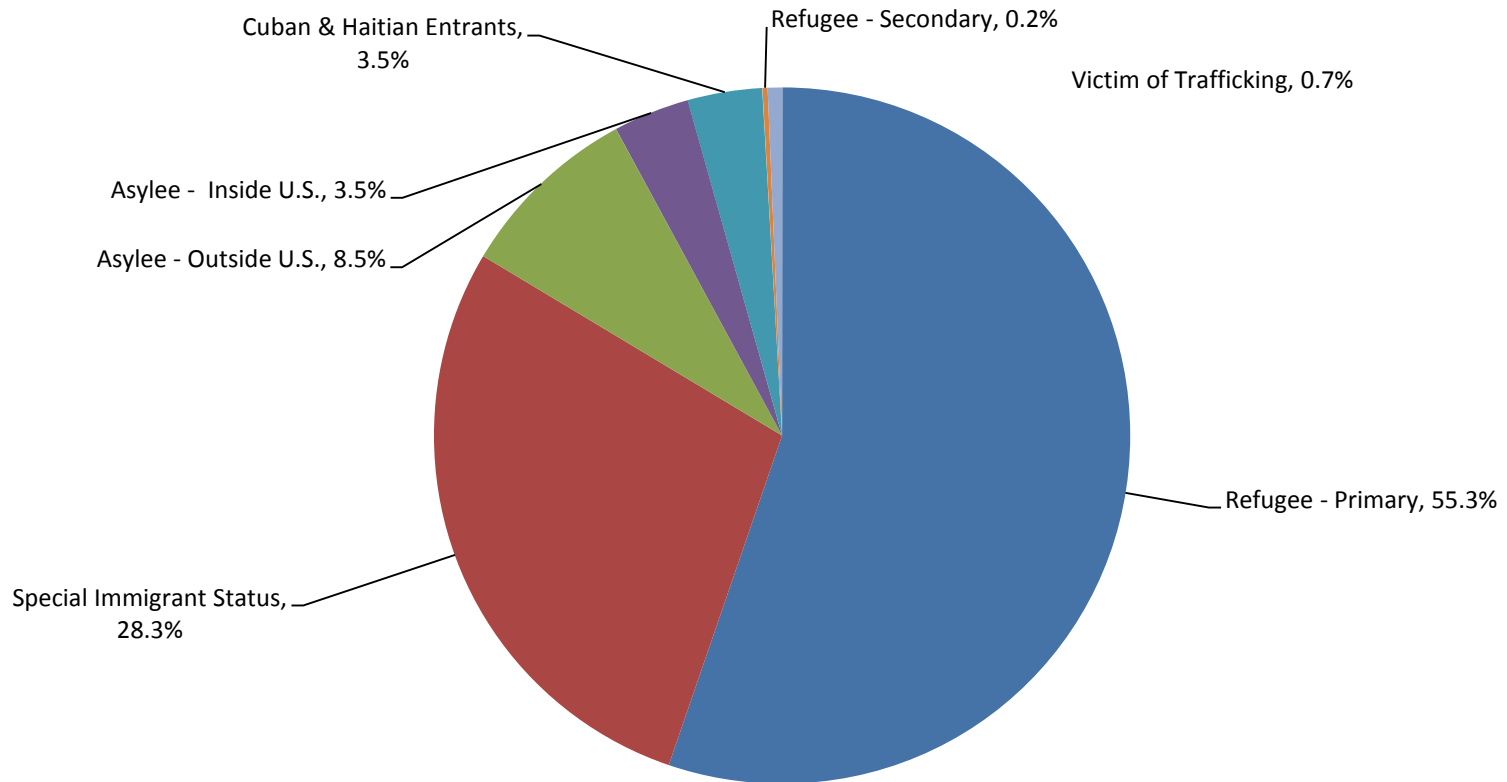
* Health assessments completed by County Refugee Health Program for Federal Fiscal Year (FFY): Oct 1-Sept 30

Figure 2. Number of Arrivals* by Age and Sex: California, FFY 2015-2016



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

Figure 3. Distribution of Arrival* Type: California, FFY 2015-2016



* 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		<p>TOTAL CHOLESTEROL Borderline high: 200-239 mg/dL High: > or =240 mg/dL</p> <p>TRIGLYCERIDES Borderline high: 150-199 mg/dL High: 200-499 mg/dL Very high: > or =500 mg/dL</p> <p>HDL CHOLESTEROL Males > or =40 mg/dL Females > or =50 mg/dL</p> <p>LDL CHOLESTEROL Above Desirable: 100-129 mg/dL Borderline high: 130-159 mg/dL High: > or = 160 mg/dL</p>
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.

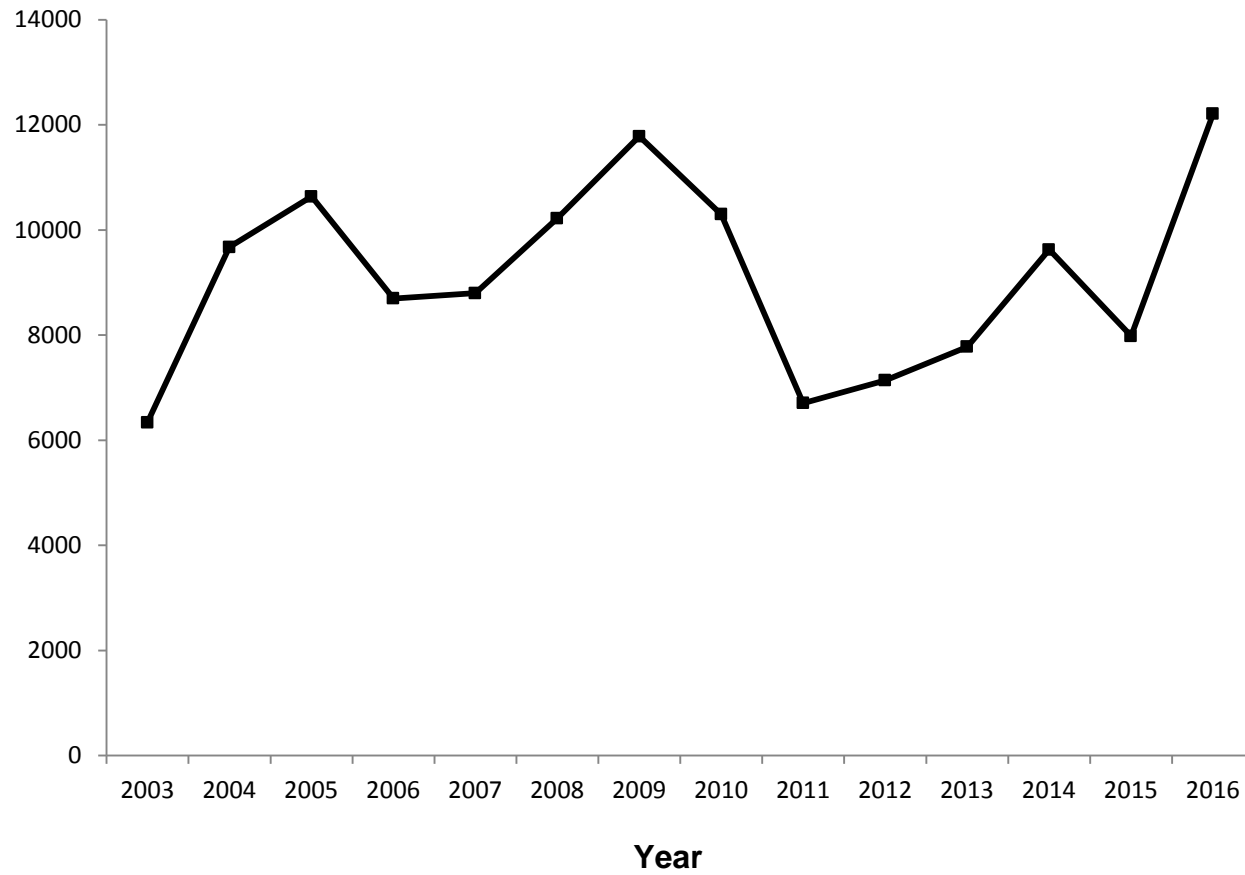
Despite limitations, demographic and health screening data provides an important means to monitor and evaluate health status for the refugee population. The data can facilitate development of policies, improve clinical practice, inform others about the health status of the California refugee population 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 4. Number of Arrivals*: California, FFY 2003-2016



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

Table 6. Arrivals* by Entry Status, County, Age Group, Sex: California FFY 2003-2016

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Total
Total Arrivals	6,339	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	127,881
Entry Status															
Refugee - Primary	4,141	6,490	7,095	5,132	6,535	8,956	10,180	7,634	4,370	4,398	5,018	5,125	4,863	6,748	86,685
Asylee - Outside U.S.	1,056	2,386	3,035	2,998	1,599	614	593	1,716	1,321	1,430	1,554	1,505	917	1,037	21,761
Asylee - Inside U.S.	1,035	441	278	358	427	404	640	539	638	794	677	828	528	431	8,018
Special Immigrant Status	-	-	-	-	-	47	145	147	58	247	182	1,847	1,350	3,460	7,483
Cuban & Haitian Entrants	58	216	107	102	129	95	142	165	223	191	200	133	181	424	2,366
Refugee - Secondary	46	135	118	101	96	94	69	78	31	17	62	63	15	29	954
Victim of Trafficking	3	7	2	7	13	11	12	18	65	60	84	124	127	81	614
Resettlement County															
Alameda	407	530	570	614	520	425	520	418	346	253	352	605	464	574	6,598
Butte**	-	107	71	-	-	-	-	-	-	-	-	-	-	-	178
Contra Costa	148	71	110	134	83	75	69	65	52	29	64	176	124	194	1,394
Fresno**	164	922	1,355	199	100	25	-	-	-	-	-	-	1	-	2,766
Humboldt**	-	-	7	4	-	-	-	-	-	-	-	-	-	-	11
Kern***	-	-	-	-	-	39	30	18	5	-	-	3	4	4	103
Los Angeles	2,084	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	45,582
Merced**	-	258	478	72	3	-	3	-	-	-	-	-	-	-	814
Nevada	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2
Orange	326	359	488	593	360	423	512	508	294	327	493	456	369	450	5,958
Riverside**	-	-	-	-	-	-	-	-	-	-	-	1	2	-	3
Sacramento	1,695	2,461	2,183	1,142	778	544	748	744	535	680	622	1,334	1,466	3,249	18,181
San Bernardino***	-	-	-	-	-	-	-	-	-	-	-	1	25	95	121
San Diego	673	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	29,494
San Francisco	190	291	263	282	150	138	332	485	412	299	259	308	268	290	3,967
San Joaquin**	-	134	351	60	-	6	-	-	-	-	-	-	-	-	551
Santa Clara	451	635	608	891	685	579	769	832	495	491	477	346	239	269	7,767
Stanislaus	107	39	88	235	449	526	471	360	199	211	240	356	319	657	4,257
Tulare**	4	11	-	-	-	-	-	-	-	-	-	-	-	-	15
Yolo**	90	19	-	-	-	-	6	-	3	1	-	-	-	-	119
Age Group															
5 and under	554	1,264	1,307	678	568	712	842	813	496	639	635	1,068	933	1,844	12,353
6-18	2,022	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	31,525
19-29	1,177	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	29,600
30-50	1,761	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	36,576
51-64	513	590	668	592	906	1,149	1,382	1,057	637	623	752	909	731	914	11,423
65 and over	312	317	397	292	473	715	973	608	300	255	385	463	419	495	6,404
Sex															
Female	3,265	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	63,666
Male	3,074	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	64,189

* 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 2003-2016

Region	Country	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Total
AFRICA		600	1,534	968	1,108	840	362	344	538	541	728	659	686	653	926	10,487
	Algeria	-	-	1	1	1	1	2	2	4	1	1	1	7	-	22
	Angola	-	-	-	-	-	2	-	-	2	-	-	-	-	-	4
	Benin	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1
	Botswana	-	2	-	1	-	-	-	-	-	-	-	-	-	-	3
	Burkina Faso	-	-	-	-	-	-	-	1	-	-	-	-	-	1	2
	Burundi	1	6	21	5	45	22	5	3	-	-	9	8	44	7	51
	Cameroon	18	10	27	35	30	21	2	4	6	4	4	14	13	6	194
	Central African Republic	-	1	4	-	7	1	-	-	1	3	-	1	1	-	19
	Chad	-	-	-	-	-	-	1	-	-	1	-	-	-	2	4
	Comoros	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1
	Congo	12	37	22	29	56	8	22	48	5	52	34	58	94	247	724
	Djibouti	-	-	-	-	4	-	-	-	-	-	9	16	3	-	32
	Egypt	8	20	25	8	14	14	17	21	45	126	163	207	80	69	817
	Equatorial Guinea	-	-	1	4	-	-	1	-	-	-	-	-	-	-	6
	Eritrea	9	16	24	45	52	22	69	86	107	96	59	47	71	48	751
	Ethiopia	194	274	150	150	122	49	61	131	164	126	78	93	73	89	1,754
	Europa Island	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1
	Gabon	-	-	3	-	1	-	-	-	-	-	1	-	-	-	5
	Gambia	1	-	-	-	-	-	-	1	-	1	2	-	-	-	5
	Ghana	4	3	4	6	14	-	-	1	2	-	-	-	-	-	34
	Guinea	1	10	-	-	-	2	-	-	-	-	-	2	-	-	15
	Ivory Coast	12	32	13	6	2	1	-	2	1	6	4	-	-	-	79
	Kenya	12	171	98	138	70	28	46	52	33	41	17	22	23	59	810
	Liberia	67	195	97	57	38	29	2	-	6	-	1	-	-	-	492
	Libya	-	-	-	1	1	2	1	-	9	2	4	-	-	2	22
	Malawi	-	-	-	-	-	-	-	-	-	-	3	-	5	2	10
	Mali	-	-	-	-	-	-	-	2	-	1	-	-	-	-	3
	Mauritania	-	-	-	4	-	-	-	-	-	-	-	-	-	-	4
	Morocco	-	1	1	1	2	-	-	-	2	1	-	-	1	-	9
	Mozambique	-	-	4	-	1	-	-	-	-	-	-	-	-	-	5
	Namibia	-	-	-	2	-	-	1	-	-	-	-	-	-	1	4
	Nigeria	1	-	3	5	-	2	3	3	5	10	1	6	3	5	47
	Reunion	-	-	-	-	-	-	-	-	-	-	8	-	-	-	8
	Rwanda	-	3	8	9	24	4	2	8	-	4	-	17	5	36	120
	Senegal	1	-	1	-	5	-	1	-	-	-	-	-	-	2	10
	Seychelles	1	1	-	-	-	-	-	-	-	-	-	-	-	-	2
	Sierra Leone	55	41	33	14	9	1	2	8	-	1	2	-	-	-	166
	Somalia	108	572	340	491	270	100	99	134	130	203	187	147	153	134	3,068
	South Africa	-	-	-	-	-	-	-	1	1	5	-	10	11	8	36
	Sudan	84	118	69	70	15	23	4	16	3	27	47	10	11	20	517
	Swaziland	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1
	Tanzania	-	2	3	2	27	13	2	4	-	-	1	3	20	103	180
	Togo	5	1	3	4	1	-	-	-	-	-	-	1	1	-	16
	Tunisia	-	-	-	2	-	1	-	-	-	1	-	1	-	-	5
	Uganda	2	17	10	11	23	15	1	4	7	14	23	19	33	80	259
	Zambia	1	-	-	-	2	-	-	1	1	-	1	1	1	5	13
	Zimbabwe	3	-	3	7	3	-	-	5	6	2	-	2	-	-	31

Table 7 (continued). Arrivals* by Country of Origin: California FFY 2003-2016

Region	Country	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Total
EAST & SOUTHEAST		817	3,799	5,623	3,261	2,006	1,394	1,254	1,486	1,060	938	952	1,721	1,096	974	26,381
	Bangladesh	7	-	-	19	10	-	-	3	-	4	3	2	6	3	57
	Brunei	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	Burma/Myanmar	24	83	121	73	514	556	306	248	277	320	224	136	193	77	3,152
	Cambodia	2	8	11	14	7	3	2	4	1	-	1	15	3	2	73
	China	363	1,407	1,803	1,838	863	390	349	777	339	388	501	1,328	736	774	11,856
	Hong Kong	-	1	1	-	-	-	-	-	-	-	1	-	-	-	3
	Indonesia	6	6	7	13	13	13	5	9	14	2	5	11	4	3	111
	Japan	2	-	-	1	-	1	-	-	-	-	-	1	1	-	6
	Korea, North	-	-	-	2	-	1	2	-	2	1	2	5	-	1	16
	Korea, South	1	-	2	1	-	-	2	-	4	4	10	1	4	1	30
	Laos	10	480	828	113	28	4	2	2	43	5	-	-	-	-	1,515
	Malaysia	2	2	-	-	-	4	5	6	9	18	17	11	30	17	121
	Maldives	-	-	-	1	-	-	1	-	-	-	-	-	-	-	2
	Mongolia	6	16	7	17	40	17	38	32	39	13	15	5	1	4	250
	Nepal	6	16	25	76	69	72	156	122	220	139	104	116	46	43	1,210
	Philippines	6	2	31	170	4	3	4	12	5	12	17	59	34	26	385
	Singapore	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1
	Taiwan	-	-	-	-	-	2	-	1	-	-	-	-	-	-	3
Thailand	5	1,494	2,209	236	140	92	47	81	103	22	37	24	35	19	4,544	
Tibet	-	5	23	10	3	2	6	4	-	1	1	-	-	-	55	
Vietnam	376	279	555	677	315	234	329	185	4	8	14	7	3	4	2,990	
EUROPE & CENTRAL		2,652	2,307	1,928	1,739	1,060	613	502	497	377	374	198	329	527	784	13,887
	Albania	5	-	2	-	-	1	-	-	-	-	-	-	-	-	8
	Armenia	501	282	348	423	256	114	47	33	56	39	25	45	57	68	2,294
	Austria	1	4	4	-	1	7	-	1	-	1	-	-	-	-	19
	Azerbaijan	40	57	32	20	6	-	3	5	8	7	4	3	1	7	193
	Belarus	173	114	86	92	34	32	18	38	21	13	6	17	29	22	695
	Bosnia & Herzegovina	42	28	7	-	-	-	-	-	-	-	-	-	-	-	77
	Bulgaria	6	5	6	4	-	1	-	2	-	2	-	-	-	2	28
	Croatia	9	3	-	-	-	-	-	2	-	-	1	-	-	-	15
	Cyprus	-	-	-	-	-	-	-	-	-	-	-	1	2	2	5
	Estonia	3	1	-	-	-	-	-	1	-	-	-	1	-	-	6
	France	-	-	1	-	-	1	1	2	-	2	-	-	-	-	7
	Georgia	27	12	16	29	12	12	9	4	5	4	1	4	1	1	137
	Germany	1	-	2	-	-	1	-	-	-	-	-	-	2	1	7
	Greece	-	-	-	1	1	-	2	3	2	-	-	1	1	-	11
	Hungary	1	-	-	-	-	-	-	-	1	-	-	-	-	-	2
	Iceland	2	-	1	-	1	3	2	-	-	2	-	-	-	-	11
	Ireland	-	-	-	-	-	4	2	1	-	-	-	-	-	-	7
	Isle of Man	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1
	Kazakhstan	52	98	33	53	12	4	11	8	12	13	-	3	13	22	334
Kyrgyzstan	6	8	7	6	7	-	1	1	6	8	11	6	8	8	83	
Latvia	16	3	7	-	4	2	-	-	-	-	1	-	-	1	34	
Lithuania	1	3	-	-	1	1	-	-	1	-	-	-	-	-	7	
Malta	-	-	-	-	1	-	3	1	-	1	-	-	2	-	8	
Moldova	188	409	262	179	136	117	128	97	88	80	17	32	75	82	1,890	
Monaco	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	

Table 7 (continued). Arrivals* by Country of Origin: California FFY 2003-2016

Region	Country	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Total
EUROPE & CENTRAL		2,652	2,307	1,928	1,739	1,060	613	502	497	377	374	198	329	527	784	13,887
	Norway	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
	Poland	4	-	5	1	-	-	1	-	-	-	-	1	-	-	12
	Romania	33	20	11	3	3	-	-	2	-	2	1	1	-	-	76
	Russia	385	378	320	263	178	80	76	100	54	79	50	36	72	110	2,181
	San Marino	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1
	Serbia	2	3	-	1	-	1	-	-	-	1	-	1	-	-	9
	Slovakia	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	Slovenia	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1
	Sweden	-	-	-	-	-	-	-	-	-	-	-	2	-	2	4
	Tajikistan	-	3	8	1	-	-	1	5	4	4	-	5	3	6	40
	Turkey	8	5	-	3	7	13	19	34	17	11	9	26	18	29	199
	Turkmenistan	-	4	3	4	9	2	5	-	4	3	11	-	2	-	47
	Ukraine	1,109	798	618	473	347	200	156	112	66	71	48	124	230	399	4,751
	United Kingdom	-	-	-	-	-	1	1	3	-	1	1	-	-	1	8
	Uzbekistan	32	66	149	182	44	15	16	40	32	30	12	18	10	21	667
	Vatican City	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
	Yugoslavia	4	3	-	-	-	-	-	1	-	-	-	-	-	-	8
LATIN AMERICA &		116	367	257	256	272	186	294	277	302	287	302	308	348	643	4,215
	Argentina	2	1	-	2	1	-	-	1	-	-	1	-	-	-	8
	Aruba	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1
	Bahamas	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	Belize	-	-	-	-	-	-	-	-	-	2	-	-	-	1	3
	Bermuda	-	4	-	-	2	-	-	1	-	-	-	-	-	-	7
	Bolivia	-	-	5	-	-	-	-	-	-	-	1	-	-	-	6
	Brazil	1	2	1	4	3	1	16	15	5	9	7	7	6	3	80
	Chile	2	5	5	9	1	1	-	-	-	3	-	-	-	-	26
	Colombia	19	53	30	24	22	6	3	9	1	5	1	8	11	8	200
	Costa Rica	-	-	1	-	-	-	-	-	-	1	-	-	-	-	2
	Cuba	55	265	167	155	187	134	198	142	105	99	114	135	167	192	2,115
	El Salvador	5	-	14	9	1	7	14	14	21	10	17	28	33	121	294
	Guatemala	16	21	26	41	25	15	30	32	27	23	22	38	49	53	418
	Haiti	1	2	-	-	8	8	1	20	104	90	92	34	17	206	583
	Honduras	-	-	1	1	3	-	-	8	4	5	8	12	26	25	93
	Jamaica	-	-	-	-	2	-	-	-	1	-	1	-	-	-	4
	Mexico	5	7	-	1	10	9	22	27	24	34	32	40	34	25	270
	Nicaragua	-	-	-	-	-	-	2	4	2	-	4	5	3	6	26
	Paraguay	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	Peru	8	6	7	9	7	5	8	4	6	4	2	-	2	2	70
	Suriname	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
	Venezuela	-	-	-	-	-	-	-	-	2	2	-	1	-	1	6

Table 7 (continued). Arrivals* by Country of Origin: California FFY 2003-2016

Region	Country	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Total
NEAR EAST & SOUTH ASIA		1,749	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	66,161
	Afghanistan	209	113	50	71	39	65	128	91	94	114	191	1,659	1,459	3,555	7,838
	Bahrian	-	-	-	-	-	-	-	-	-	1	1	-	-	-	2
	Bhutan	2	8	4	-	4	167	315	117	126	71	19	36	8	14	891
	Gaza Strip	-	-	-	-	-	-	-	-	-	2	-	-	-	-	2
	India	295	334	269	338	175	47	47	69	32	16	35	19	13	24	1,713
	Iran	1,017	631	885	1,635	3,683	4,373	4,174	2,491	1,169	815	1,340	1,774	1,936	2,043	27,966
	Iraq	164	87	62	162	606	2,850	4,199	3,704	2,071	2,630	2,708	2,756	1,470	1,315	24,784
	Israel	1	-	2	-	1	6	8	-	2	2	2	-	4	-	28
	Jordan	-	-	-	1	10	33	48	29	8	26	36	20	25	75	311
	Kuwait	1	-	-	1	4	8	5	2	10	4	7	4	10	1	57
	Lebanon	7	-	4	-	8	14	36	23	10	7	7	18	7	7	148
	Oman	-	-	-	-	-	-	-	2	-	-	1	2	3	9	17
	Pakistan	22	16	1	47	40	3	15	17	14	15	14	22	25	80	331
	Palestinian Territory	-	-	-	-	-	-	-	-	-	-	-	4	2	7	13
	Qatar	-	-	-	-	-	-	-	2	-	-	-	2	-	-	4
	Saudi Arabia	-	-	-	-	-	1	5	5	-	7	5	5	7	8	43
	Sri Lanka	-	2	1	4	1	2	16	50	34	20	42	20	10	14	216
	Syria	8	5	5	2	4	9	17	40	38	25	36	113	199	1,099	1,600
	United Arab Emirates	1	-	-	-	2	-	-	5	5	7	13	12	6	10	61
	West Bank	-	3	-	-	-	-	1	6	1	-	8	-	-	-	19
	Yemen	22	14	4	14	9	1	-	16	3	2	-	-	11	21	117
OCEANIA		1	27	0	10	4	0	9	3	0	0	0	1	0	-	55
	Australia	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1
	Christmas Island	-	-	-	3	-	-	-	-	-	-	-	-	-	-	3
	Fiji	1	26	-	6	4	-	8	3	-	-	-	1	-	-	49
	Solomon Islands	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
	Tonga	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1
UNKNOWN		404	428	572	49	31	87	364	827	809	1,046	1,201	114	162	601	6,695
TOTAL		6,339	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	127,881

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