



COUNTY OF ORANGE

PUBLIC HEALTH
EPIDEMIOLOGY & ASSESSMENT

MAILING ADDRESS:
P.O. Box 6128
Santa Ana, CA 92706-0128

TELEPHONE: (714) 834-8180
FAX: (714) 834-8196

Number of Cases & Incidence Rates of Reportable Diseases, 2010-2014

MID-YEAR POPULATION*	2010		2011		2012		2013		2014	
	3,017,217		3,051,472		3,086,260		3,113,370		3,139,615	
DISEASE	NUMBER	RATE ¹	NUMBER	RATE ¹	NUMBER	RATE ¹	NUMBER	RATE ¹	NUMBER	RATE ¹
Amebiasis	17	0.6	7	0.2	15	0.5	16	0.5	19	0.6
Botulism - Total	1	--	1	--	0	--	0	--	3	--
Brucellosis	5	0.2	0	--	1	--	0	--	2	--
Campylobacteriosis	370	12.3	333	10.9	423	13.7	358	11.5	403	12.8
Chancroid	0	--	0	--	0	--	0	--	0	--
Chlamydial Infection	8,492	281.5	7,861	257.6	8,690	281.6	8,565	275.1	9,313	296.6
Cholera	0	--	0	--	0	--	0	--	0	--
Coccidioidomycosis	41	1.4	94	3.1	123	4.0	80	2.6	78	2.5
Chickungunya ⁴	--	--	--	--	--	--	--	--	8	0.3
Creutzfeldt-Jakob Disease	3	--	4	--	2	--	2	--	1	--
Cryptosporidiosis	23	0.8	23	0.8	29	0.9	22	0.7	24	0.8
Cysticercosis	8	0.3	1	--	0	--	0	--	3	--
Dengue	7	0.2	4	--	6	0.2	7	0.2	17	0.5
Encephalitis, Total	19	0.6	28	0.9	21	0.7	21	0.7	19	0.6
Encephalitis, Bacterial	2	--	0	--	4	--	1	--	2	--
Encephalitis, Fungal	0	--	1	--	0	--	0	--	3	--
Encephalitis, Other/Unknown	14	0.5	21	0.7	7	0.2	9	0.3	6	0.2
Encephalitis, Viral	3	--	6	0.2	10	0.3	11	0.4	8	0.3
<i>Escherichia coli</i> / Shiga Toxin Producing Infection - Total	24	0.8	37	1.2	54	1.7	50	1.6	29	0.9
<i>E. coli</i> O157:H7 Infection	12	0.4	5	0.2	19	0.6	22	0.7	9	0.3
<i>E. coli</i> Shiga Toxin Producing (non-O157)	10	0.3	32	1.0	33	1.1	27	0.9	20	0.6
<i>E. coli</i> / Shiga Toxin Producing Infection with Hemolytic Uremic Syndrome (HUS)	2	--	0	--	2	--	1	--	0	--
Giardiasis	133	4.4	138	4.5	105	3.4	152	4.9	125	4.0
Gonococcal Infection	1,162	38.5	975	32.0	1,165	37.7	1,454	46.7	1,780	56.7
<i>Haemophilus influenzae</i> , Invasive Disease, less than 15 years of age	0	--	1	--	1	--	0	--	1	--
Hemolytic Uremic Syndrome (non- <i>E. coli</i> or STEC)	0	--	0	--	2	--	0	--	0	--
Hepatitis A	21	0.7	15	0.5	24	0.8	24	0.8	15	0.5
Hepatitis B, Acute	12	0.4	12	0.4	8	0.3	12	0.4	8	0.3
Hepatitis B, Perinatal	5	--	3	--	3	--	1	--	2	--
Hepatitis C, Acute	4	--	7	0.2	8	0.3	14	0.4	6	0.2
Hepatitis D (Delta)	1	--	2	--	1	--	0	--	0	--
Legionellosis	21	0.7	31	1.0	22	0.7	16	0.5	33	1.1
Leprosy (Hansen's Disease)	0	--	1	--	4	--	1	--	0	--
Listeriosis	5	0.2	11	0.4	4	--	6	0.2	13	0.4
Lyme Disease	6	0.2	10	0.3	1	--	0	--	0	--
Malaria	2	--	8	0.3	6	0.2	7	0.2	2	--
Measles (Rubeola)	1	--	1	--	0	--	1	--	23	0.7
Meningitis, Total	449	14.9	198	6.5	262	8.5	329	10.6	287	9.1
Meningitis, Bacterial	28	0.9	31	1.0	28	0.9	38	1.2	41	1.3
Meningitis, Fungal	9	0.3	11	0.4	5	0.2	14	0.4	14	0.4
Meningitis, Parasitic	0	--	0	--	0	--	0	--	0	--
Meningitis, Unknown	0	--	0	--	0	--	0	--	0	--
Meningitis, Other	0	--	0	--	0	--	0	--	0	--
Meningitis, Viral (Aseptic)	412	13.7	156	5.1	229	7.4	277	8.9	232	7.4
Meningococcal Disease, Total	8	0.3	9	0.3	4	--	5	0.2	3	--
Mumps	0	--	3	--	3	--	2	--	8	0.3
Outbreaks, Total	96	--	161	--	156	--	173	--	130	--
Foodborne Disease Outbreaks	24	--	39	--	37	--	23	--	25	--
Other Outbreaks	72	--	122	--	119	--	150	--	105	--
Waterborne Outbreaks	0	--	0	--	0	--	0	--	0	--
Pelvic Inflammatory Disease	14	--	6	--	2	--	4	--	5	--

MID-YEAR POPULATION*	2010		2011		2012		2013		2014	
	3,017,217		3,051,472		3,086,260		3,113,370		3,139,615	
DISEASE	NUMBER	RATE ¹	NUMBER	RATE ¹	NUMBER	RATE ¹	NUMBER	RATE ¹	NUMBER	RATE ¹
Pertussis (Whooping Cough)	467	15.5	153	5.0	53	1.7	93	3.0	407	13.0
Psittacosis	0	--	0	--	0	--	0	--	0	--
Q-fever	0	--	1	--	1	--	1	--	1	--
Relapsing Fever	0	--	0	--	0	--	0	--	3	--
Reye Syndrome	0	--	0	--	0	--	0	--	0	--
Rocky Mountain Spotted Fever	1	--	0	--	1	--	0	--	1	--
Rubella (German Measles)	0	--	0	--	0	--	0	--	0	--
Rubella Syndrome, Congenital	0	--	0	--	0	--	0	--	0	--
Salmonellosis (Non-Typhoid Fever)	386	12.8	318	10.4	448	14.5	398	12.8	417	13.3
Scombroid Fish Poisoning	3	--	4	--	4	--	6	0.2	6	0.2
Shigellosis, Total	81	2.7	64	2.1	66	2.1	70	2.2	83	2.6
<i>Shigella dysenteriae</i> , Group A	2	--	0	--	0	--	0	--	0	--
<i>Shigella flexneri</i> , Group B	18	0.6	17	0.6	16	0.5	31	1.0	21	0.7
<i>Shigella boydii</i> , Group C	0	--	1	--	1	--	5	0.2	1	--
<i>Shigella sonnei</i> , Group D	60	2.0	46	1.5	46	1.5	32	1.0	61	1.9
<i>Shigella</i> - Species Unknown	1	--	0	--	3	--	2	--	0	--
Streptococcal Infection, Food & Dairy Workers ²	0	--	0	--	0	--	0	--	0	--
Syphilis, Total, All Stages	281	9.3	239	7.8	235	7.6	563	18.1	552	17.6
Syphilis, Congenital	1	--	0	--	0	--	4	--	3	--
Syphilis, Early Latent	46	1.5	42	1.4	49	1.6	113	3.6	140	4.5
Syphilis, Latent	34	1.1	45	1.5	26	0.8	79	2.5	69	2.2
Syphilis, Late Latent	123	4.1	86	2.8	54	1.7	144	4.6	137	4.4
Syphilis, Primary	12	0.4	18	0.6	28	0.9	63	2.0	72	2.3
Syphilis, Secondary	65	2.2	48	1.6	78	2.5	137	4.4	128	4.1
Syphilis, Other	0	--	0	--	0	--	23	0.7	3	--
Taeniasis	1	--	2	--	0	--	0	--	0	--
Tetanus	0	--	1	--	1	--	0	--	2	--
Toxic Shock Syndrome - <i>Staphylococcus</i>	1	--	1	--	1	--	1	--	2	--
Tularemia	0	--	0	--	0	--	0	--	0	--
Typhoid Fever, Carrier	0	--	0	--	0	--	0	--	0	--
Typhoid Fever, Case	2	--	4	--	5	0.2	4	--	3	--
Typhus and Other Non-Spotted Fever Rickettsioses ³	6	0.2	15	0.5	29	0.9	32	1.0	16	0.5
Varicella Hospitalization	11	0.4	3	--	7	0.2	2	--	5	0.2
<i>Vibrio</i> Infections (non-Cholera)	9	0.3	13	0.4	14	0.5	17	0.5	21	0.7
West Nile Infections, Total	1	--	11	0.4	48	1.6	12	0.4	280	8.9
West Nile Neuroinvasive Disease	1	--	10	0.3	26	0.8	9	0.3	198	6.3
West Nile Fever	0	--	0	--	16	0.5	1	--	66	2.1
West Nile Asymptomatic/Blood Donor Positive	0	--	1	--	6	0.2	2	--	16	0.5
Yersiniosis	9	0.3	14	0.5	20	0.6	9	0.3	1	--

¹ Rates are per 100,000 population; rates are not calculated for diseases with less than five reported cases and for conditions with different denominators such as *H. influenzae*, perinatal hepatitis B, pelvic inflammatory disease and outbreaks.

² In July 2011, CA-DPH changed this condition to include only reports of dairy workers and food handlers.

³ In July 2011, CA-DPH expanded the reportable disease criteria to include Rickettsial diseases other than Typhus Fever. Prior to July 2011, the Rickettsial Disease (non-RMSF) category only contained reports of Typhus Fever.

⁴ Chickungunya became a reportable disease as of 2014.

Tuberculosis (TB) case counts and rates are available on the TB Fact Sheet, which can be found on the Pulmonary Disease Services website at <http://ochealthinfo.com/phs/about/dcepi/tb>

*Source: State of California, Department of Finance, Population Estimates and Components of Change by County, July 1, 2010-2015. Sacramento, California, December 2015.

Communicable Diseases Data from County of Orange Health Care Agency, Epidemiology & Assessment, Weekly Morbidity Data.