County of Orange Health Care Agency

Epidemiology and Assessment

CASES AND CASE RATES (PER 100,000 POPULATION) OF REPORTABLE DISEASES

2006-2010

	2006		2007		2008		2009		2010	
MID-YEAR POPULATION*	**3,067,337**		**3,088,059**		**3,125,422**		**3,153,981**		**3,182,171**	
DISEASE	**NUMBER**	**RATE [1]**	**NUMBER**	**RATE [1]**	**NUMBER**	**RATE [1]**	**NUMBER**	**RATE [1]**	**NUMBER**	**RATE [1]**
Amebiasis	11	0.4	18	0.6	13	0.4	19	0.6	17	0.5
Botulism	11	0.4	6	0.2	1	--	4	--	1	--
Botulism-Infant	0	--	4	--	2	--	0	--	0	--
Brucellosis	4	--	1	--	3	--	0	--	5	0.2
Campylobacteriosis	237	7.7	345	11.2	311	10.0	270	8.6	370	11.6
Chancroid	0	--	0	--	0	--	0	--	0	--
Chlamydial Infection	7,969	259.8	8,322	269.5	8,576	274.4	7,917	251.0	8,492	266.9
Cholera	0	--	0	--	0	--	0	--	0	--
Coccidioidomycosis	41	1.3	30	1.0	45	1.4	76	2.4	41	1.3
Creutzfeldt-Jakob Disease [2]	--	--	--	--	3	--	1	--	3	--
Cryptosporidiosis	16	0.5	24	0.8	15	0.5	19	0.6	23	0.7
Cysticercosis	11	0.4	7	0.2	8	0.3	2	--	8	0.3
Dengue	1	--	2	--	5	0.2	4	--	7	0.2
Encephalitis, Total	30	1.0	25	0.8	32	1.0	42	1.3	17	0.5
Encephalitis, Fungal	1	--	0	--	0	--	1	--	0	--
Encephalitis, Other/Unknown	23	0.7	21	0.7	28	0.9	30	1.0	14	0.4
Encephalitis, Viral	6	0.2	4	--	4	--	11	0.3	3	--
Escherichia coli O157:H7 Infection	11	0.4	37	1.2	17	0.5	14	0.4	14	0.4
Escherichia coli non-O157 Shiga Toxin Producing	0	--	6	0.2	2	--	7	0.2	10	0.3
Foodborne Disease Outbreaks	43	na	36	na	34	na	21	na	24	na
Giardiasis	140	4.6	184	6.0	166	5.3	126	4.0	133	4.2
Gonococcal Infection	1,048	34.2	996	32.3	873	27.9	754	23.9	1,162	36.5
Haemophilus influenzae, Invasive Disease, less than 15 years of age [2]	8	na	4	na	5	na	3	na	0	na
Hemolytic Uremic Syndrome (non-*E. coli* O157)	0	--	2	--	0	--	0	--	0	--
Hepatitis A	39	1.3	32	1.0	26	0.8	22	0.7	21	0.7
Hepatitis B, Acute	24	0.8	19	0.6	22	0.7	17	0.5	12	0.4
Hepatitis B, Perinatal [2]	2	na	4	na	3	na	2	na	5	na
Hepatitis C, Acute	1	--	5	0.2	7	0.2	5	0.2	4	--
Hepatitis D (Delta)	0	--	0	--	0	--	1	--	1	--
Legionellosis	16	0.5	17	0.6	16	0.5	20	0.6	21	0.7
Leprosy (Hansen's Disease)	1	--	0	--	1	--	0	--	0	--
Leptospirosis	0	--	0	--	0	--	0	--	0	--
Listeriosis	12	0.4	7	0.2	7	0.2	12	0.4	5	0.2
Lyme Disease	4	--	2	--	4	--	2	--	6	0.2
Malaria	8	0.3	6	0.2	5	0.2	7	0.2	2	--
Measles (Rubeola)	0	--	1	--	1	--	0	--	1	--
Meningitis, Total	209	6.8	266	8.6	357	11.4	330	10.5	449	14.1
Meningitis, Bacterial	26	0.8	26	0.8	16	0.5	22	0.7	28	0.9
Meningitis, Fungal	8	0.3	13	0.4	11	0.4	8	0.3	9	0.3
Meningitis, Parasitic	0	--	0	--	0	--	0	--	0	--
Meningitis, Unknown	2	--	6	0.2	0	--	0	--	0	--
Meningitis, Other	0	--	0	--	0	--	0	--	0	--
Meningitis, Viral (Aseptic)	173	5.6	221	7.2	330	10.6	300	9.5	412	12.9
Meningococcal Disease, Total	14	0.5	13	0.4	7	0.2	5	0.2	8	0.3
Meningococcal Meningitis	5	0.2	8	0.3	3	--	0	--	1	--
Meningococcal Infection, Other Invasive	0	--	0	--	0	--	0	--	0	--
Meningococcemia	9	0.3	5	0.2	4	--	5	0.2	7	0.2
Mumps	2	--	0	--	2	--	0	--	0	--
Pelvic Inflammatory Disease	41	na	46	na	36	na	13	na	14	na
Pertussis (Whooping Cough)	58	1.9	24	0.8	37	1.2	81	2.6	467	14.7
Psittacosis	1	--	0	--	0	--	0	--	0	--
Q-fever	0	--	0	--	0	--	0	--	0	--
Relapsing Fever	0	--	1	--	0	--	0	--	0	--
Rheumatic Fever, Acute	0	--	0	--	0	--	0	--	0	--
Rocky Mountain Spotted Fever	1	--	0	--	0	--	0	--	1	--
Rubella (German Measles)	0	--	0	--	0	--	0	--	0	--
Rubella Syndrome, Congenital	0	--	0	--	0	--	0	--	0	--
Salmonellosis (Non-Typhoid Fever)	356	11.6	286	9.3	279	8.9	367	11.6	386	12.1
Schistosomal Dermatitis	0	--	1	--	0	--	0	--	0	--
Scombroid Fish Poisoning	2	--	5	0.2	6	0.2	3	--	3	--

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DISEASE	**NUMBER**	**RATE [1]**	**NUMBER**	**RATE [1]**	**NUMBER**	**RATE [1]**	**NUMBER**	**RATE [1]**	**NUMBER**	**RATE [1]**
Shigellosis, Total	84	2.7	74	2.4	94	3.0	82	2.6	81	2.5
Shigella dysenteriae (Group A)	1	--	0	--	0	--	0	--	2	--
Shigella flexneri (Group B)	33	1.1	25	0.8	29	0.9	31	1.0	18	0.6
Shigella boydii (Group C)	0	--	2	--	3	--	6	0.2	0	--
Shigella sonnei (Group D)	50	1.6	47	1.5	61	2.0	44	1.4	60	1.9
Shigella , Species Unknown	0	--	0	--	1	--	1	--	1	--
Streptococcal Infection, Invasive Group A	40	1.3	42	1.4	44	1.4	34	1.1	31	1.0
Streptococcus pneumoniae Invasive Disease	106	3.5	109	3.5	128	4.1	126	4.0	121	3.8
Syphilis, Total, All Stages	283	9.2	380	12.3	335	10.7	281	8.9	281	8.8
Syphilis, Congenital	6	0.2	3	--	2	--	1	--	1	--
Syphilis, Early Latent	56	1.8	69	2.2	62	2.0	55	1.7	46	1.4
Syphilis, Latent	25	0.8	33	1.1	24	0.8	26	0.8	34	1.1
Syphilis, Late Latent	116	3.8	134	4.3	149	4.8	106	3.4	123	3.9
Syphilis, Primary	25	0.8	35	1.1	26	0.8	24	0.8	12	0.4
Syphilis, Secondary	54	1.8	106	3.4	72	2.3	69	2.2	65	2.0
Syphilis, Other	1	--	0	--	0	--	0	--	0	--
Taeniasis	0	--	0	--	1	--	1	--	1	--
Tetanus	1	--	0	--	0	--	0	--	0	--
Toxic Shock Syndrome - *Staphylococcus*	1	--	0	--	3	--	2	--	1	--
Toxoplasmosis [3]	6	0.2	6	0.2	3	--	0	--	0	--
Trichinosis	0	--	0	--	0	--	0	--	0	--
Tularemia	0	--	0	--	0	--	0	--	0	--
Typhoid Fever, Carrier	0	--	0	--	1	--	0	--	0	--
Typhoid Fever, Case	3	--	6	0.2	2	--	6	0.2	2	--
Typhus Fever	1	--	6	0.2	15	0.5	6	0.2	6	0.2
Varicella Hospitalization	8	0.3	9	0.3	9	0.3	5	0.2	11	0.3
Vibrio Infections	13	0.4	13	0.4	6	0.2	6	0.2	9	0.3
Waterborne Outbreaks	0	na	0	na	0	na	1	na	0	na
West Nile Infections, Total	7	0.2	10	0.3	79	2.5	4	--	1	--
West Nile Neuroinvasive Disease	4	--	6	0.2	50	1.6	2	--	1	--
West Nile Fever	2	--	3	--	17	0.5	2	--	0	--
West Nile Asymptomatic/Blood Donor Positive	1	--	1	--	8	0.3	0	--	0	--
West Nile Acute Flaccid Paralysis	0	--	0	--	4	--	0	--	0	--
Yersiniosis	11	0.4	19	0.6	7	0.2	17	0.5	9	0.3

[1] Rates are per 100,000 population; rates are not calculated for diseases with less than five reported cases and for conditions without the same denominator such as *H. influenzae* , perinatal hepatitis B, pelvic inflamatory disease and outbreaks.

[2] Creutzfeld-Jakob disease became reportable as of August 2007.

[3] Toxoplasmosis was removed from the reportable disease list in 2009

AIDS and HIV statistics can be obtained by referring to the HIV Planning and Coordination website at http://www.ochealthinfo.com/public/hiv/

*Source: Population Data from State of California, Department of Finance, California County Population Estimates and Components of Change by Year, July 1, 2000-2010. Sacramento, CA, December 2010.

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