

County of Orange Health Care Agency
Epidemiology and Assessment
CASES AND CASE RATES (PER 100,000 POPULATION) OF REPORTABLE DISEASES
FOR THE FIRST QUARTER OF 2004-2008

Quarter 1 through March 29 ¹	2004		2005		2006		2007 ²		2008 ²	
JANUARY 1 POPULATION*	3,017,390		3,045,218		3,066,483		3,089,707		3,121,251	
DISEASE	NUMBER	RATE ³	NUMBER	RATE ³	NUMBER	RATE ³	NUMBER	RATE ³	NUMBER	RATE ³
Amebiasis	1	--	2	--	0	--	1	--	4	--
Botulism	0	--	0	--	1	--	1	--	0	--
Botulism-Infant	0	--	0	--	0	--	0	--	0	--
Brucellosis	0	--	0	--	0	--	0	--	1	--
Campylobacteriosis	43	5.7	41	5.4	45	5.9	46	6.0	59	7.6
Chancroid	0	--	0	--	0	--	0	--	0	--
Chlamydial Infection	1,409	186.8	1,561	205.0	1,583	206.5	1,832	237.2	1,943	249.0
Cholera	0	--	0	--	0	--	0	--	0	--
Coccidioidomycosis	12	1.6	11	1.4	6	0.8	8	1.0	7	0.9
Conjunctivitis, Newborn	0	--	0	--	0	--	0	--	0	--
Creutzfeldt-Jakob Disease ⁴	NA	--	NA	--	NA	--	NA	--	0	--
Cryptosporidiosis	2	--	3	--	1	--	2	--	3	--
Cysticercosis	3	--	3	--	1	--	1	--	2	--
Dengue	1	--	0	--	0	--	1	--	2	--
Encephalitis, Total	5	0.7	6	0.8	5	0.7	2	--	4	--
Encephalitis, Bacterial	0	--	0	--	0	--	0	--	0	--
Encephalitis, Fungal	0	--	0	--	0	--	0	--	0	--
Encephalitis, Unknown	3	--	3	--	5	0.7	2	--	2	--
Encephalitis, Viral	2	--	3	--	0	--	0	--	2	--
<i>Escherichia coli</i> / Shiga Toxin Producing Infection - Total	1	--	0	--	0	--	1	--	2	--
<i>E. coli</i> O157:H7 Infection	1	--	0	--	0	--	0	--	2	--
<i>E. coli</i> Shiga Toxin Producing	0	--	0	--	0	--	1	--	0	--
<i>E. coli</i> / Shiga Toxin Producing Infection with Hemolytic Uremic Syndrome	0	--	0	--	0	--	0	--	0	--
Giardiasis	19	2.5	20	2.6	21	2.7	35	4.5	28	3.6
Gonococcal Infection	231	30.6	235	30.9	240	31.3	195	25.2	230	29.5
<i>Haemophilus influenzae</i> , Invasive Disease, less than 18 years of age	1	--	2	--	5	0.7	0	--	3	--
Hemolytic Uremic Syndrome	1	--	0	--	0	--	0	--	0	--
Hepatitis A	9	1.2	9	1.2	15	2.0	6	0.8	5	0.6
Hepatitis B, Acute	8	1.1	4	--	1	--	5	0.6	1	--
Hepatitis B, Chronic ⁵	178	23.6	123	16.2	361	47.1	217	28.1	71	9.1
Hepatitis B, Perinatal	1	--	1	--	0	--	1	--	1	--
Hepatitis C, Acute	1	--	0	--	0	--	0	--	0	--
Hepatitis C, Chronic ⁶	237	31.4	42	5.5	36	4.7	42	5.4	6	0.8
Hepatitis D (Delta)	0	--	0	--	0	--	0	--	0	--
Hepatitis, Other/Unspecified	2	--	1	--	1	--	0	--	3	--
Kawasaki Syndrome	7	0.9	5	0.7	5	0.7	4	--	5	0.6
Legionellosis	3	--	4	--	5	0.7	2	--	3	--
Leprosy (Hansen's Disease)	0	--	0	--	0	--	0	--	0	--
Listeriosis	3	--	0	--	1	--	1	--	0	--
Lyme Disease	0	--	0	--	2	--	0	--	1	--
Malaria	3	--	3	--	2	--	0	--	0	--
Measles (Rubeola)	0	--	0	--	0	--	0	--	0	--
Meningitis, Total	61	8.1	49	6.4	33	4.3	30	3.9	42	5.4
Meningitis, Bacterial	3	--	6	0.8	6	0.8	1	--	3	--
Meningitis, Fungal	6	0.8	2	--	2	--	3	--	1	--
Meningitis, Parasitic	0	--	0	--	0	--	0	--	0	--
Meningitis, Unknown	2	--	0	--	0	--	0	--	0	--
Meningitis, Other	0	--	0	--	0	--	0	--	0	--
Meningitis, Viral (Aseptic)	50	6.6	41	5.4	25	3.3	26	3.4	38	4.9
Meningococcal Disease, Total	9	1.2	4	--	3	--	5	0.6	4	--
Mumps	1	--	1	--	0	--	0	--	0	--
Outbreaks, Total	2	--	7	0.9	5	0.7	15	1.9	25	3.2
Foodborne Disease Outbreaks	1	--	1	--	1	--	0	--	1	--
Other Outbreaks	1	--	6	0.8	4	--	15	1.9	24	3.1
Paragonimiasis	0	--	0	--	0	--	1	--	0	--
Pelvic Inflammatory Disease	12	1.6	10	1.3	7	0.9	11	1.4	7	0.9

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DISEASE	NUMBER	RATE ³	NUMBER	RATE ³	NUMBER	RATE ³	NUMBER	RATE ³	NUMBER	RATE ³
Pertussis (Whooping Cough)	21	2.8	13	1.7	7	0.9	1	--	9	1.2
Psittacosis	0	--	0	--	0	--	0	--	0	--
Q-fever	0	--	0	--	0	--	0	--	0	--
Relapsing Fever	0	--	0	--	0	--	0	--	0	--
Reye Syndrome	0	--	0	--	0	--	0	--	0	--
Rheumatic Fever, Acute	0	--	0	--	0	--	0	--	0	--
Rocky Mountain Spotted Fever	0	--	0	--	0	--	0	--	0	--
Rubella (German Measles)	0	--	0	--	0	--	0	--	0	--
Rubella Syndrome, Congenital	0	--	0	--	0	--	0	--	0	--
Salmonellosis (Non-Typhoid Fever)	57	7.6	46	6.0	38	5.0	40	5.2	47	6.0
Scombroid Fish Poisoning	0	--	0	--	0	--	0	--	0	--
Shigellosis, Total	15	2.0	18	2.4	9	1.2	5	0.6	6	0.8
<i>Shigella dysenteriae</i> - A	0	--	0	--	0	--	0	--	0	--
<i>Shigella flexneri</i> - B	7	0.9	9	1.2	6	0.8	4	--	1	--
<i>Shigella boydii</i> - C	1	--	0	--	0	--	0	--	0	--
<i>Shigella sonnei</i> - D	7	0.9	9	1.2	3	--	1	--	5	0.6
<i>Shigella</i> , Species Unknown	0	--	0	--	0	--	0	--	0	--
Streptococcal Infection, Invasive Group A	8	1.1	6	0.8	7	0.9	9	1.2	11	1.4
<i>Streptococcus pneumoniae</i> Invasive Disease	69	9.1	45	5.9	48	6.3	43	5.6	55	7.0
Syphilis, Total, All Stages	69	9.1	86	11.3	84	11.0	83	10.7	66	8.5
Syphilis, Congenital	0	--	1	--	0	--	1	--	1	--
Syphilis, Early Latent	4	--	18	2.4	17	2.2	18	2.3	17	2.2
Syphilis, Latent	2	--	3	--	4	--	2	--	2	--
Syphilis, Late Latent	51	6.8	46	6.0	41	5.3	30	3.9	24	3.1
Syphilis, Primary	3	--	6	0.8	9	1.2	8	1.0	6	0.8
Syphilis, Secondary	9	1.2	12	1.6	13	1.7	24	3.1	16	2.1
Syphilis, Other	0	--	0	--	0	--	0	--	0	--
Taeniasis	0	--	1	--	0	--	0	--	0	--
Tetanus	0	--	1	--	0	--	0	--	0	--
Toxic Shock Syndrome (TSS)	2	--	1	--	1	--	1	--	1	--
Staphylococcal TSS	1	--	1	--	1	--	1	--	1	--
Streptococcal TSS	1	--	0	--	0	--	0	--	0	--
Toxoplasmosis	1	--	0	--	0	--	1	--	2	--
Tuberculosis ⁷	8	1.1	9	1.2	23	3.0	22	2.8	29	3.7
Tularemia	0	--	0	--	0	--	0	--	0	--
Typhoid Fever, Carrier	0	--	0	--	0	--	0	--	1	--
Typhoid Fever, Case	0	--	2	--	0	--	0	--	0	--
Typhus Fever	0	--	0	--	0	--	1	--	8	1.0
Varicella hospitalization	3	--	2	--	0	--	1	--	1	--
<i>Vibrio</i> Infections	0	--	1	--	1	--	0	--	0	--
Waterborne Outbreaks	0	--	0	--	0	--	0	--	0	--
West Nile Infections, Total	0	--	0	--	0	--	0	--	0	--
West Nile Neuroinvasive Disease	0	--	0	--	0	--	0	--	0	--
West Nile Fever	0	--	0	--	0	--	0	--	0	--
West Nile Asymptomatic	0	--	0	--	0	--	0	--	0	--
West Nile Acute Flaccid Paralysis	0	--	0	--	0	--	0	--	0	--
Yersiniosis	0	--	2	--	0	--	2	--	2	--

¹ Quarters correspond to CDC disease weeks, which approximate calendar quarters but may include or omit the first/last week of each.

² 2007 and 2008 data are considered preliminary.

³ Rates are annualized quarterly rates per 100,000 population; rates are not calculated for diseases with less than five reported cases.

⁴ Creutzfeldt-Jakob Disease became reportable as of August 2007

⁵ From September 2004 through October 2005, and from July 2007 to the present, E&A stopped reporting chronic hepatitis B except for cases that meet selected criteria.

⁶ In September 2004, E&A stopped reporting chronic hepatitis C except for cases that meet selected criteria.

⁷ The number of tuberculosis cases is higher since 2006 due to more timely case report completion and reporting to California Department of Public Health.

*Source: Population Data from State of California, Department of Finance, E-4 Population Estimates for Cities, Counties and the State, 2001-2008, with 2000 Benchmark. Sacramento, California, May 2008.

Communicable Diseases Data from County of Orange Health Care Agency, Epidemiology & Assessment Unit, Weekly Morbidity Data, October 2008