

**County of Orange Health Care Agency**  
**Epidemiology and Assessment**  
**CASES AND CASE RATES (PER 100,000 POPULATION) OF REPORTABLE DISEASES**  
**2003-2005**

MID-YEAR POPULATION*	2003		2004		2005	
	3,000,092		3,031,583		3,055,514	
DISEASE	NUMBER	RATE **	NUMBER	RATE **	NUMBER	RATE **
Amebiasis	11	0.4	16	0.5	11	0.4
Botulism	1	--	1	--	5	0.2
Botulism-Infant	1	--	0	--	0	--
Brucellosis	0	--	2	--	0	--
Campylobacteriosis	245	8.2	234	7.7	195	6.4
Chancroid	0	--	1	--	0	--
Chlamydial Infection (corrected) <sup>1</sup>	6,405	213.5	6,214	205.0	7,813	255.7
Cholera	0	--	0	--	0	--
Coccidioidomycosis	24	0.8	33	1.1	40	1.3
Conjunctivitis, Newborn	4	--	2	--	0	--
Cryptosporidiosis	21	0.7	14	0.5	8	0.3
Cysticercosis	13	0.4	12	0.4	8	0.3
Dengue	2	--	4	--	5	0.2
Echinococcosis (Hydatid Disease)	0	--	0	--	0	--
Encephalitis, Total	16	0.5	31	1.0	39	1.3
Encephalitis, Fungal	0	--	0	--	0	--
Encephalitis, Other/Unknown	14	0.5	28	0.9	32	1.0
Encephalitis, Viral	2	--	3	--	7	0.2
<i>Escherichia Coli</i> O157:H7 Infection	24	0.8	17	0.6	8	0.3
<i>Escherichia Coli</i> Shiga Toxin Producing	0	--	1	--	0	--
Foodborne Disease Outbreaks	44	1.5	49	1.6	29	0.9
Giardiasis	124	4.1	95	3.1	107	3.5
Gonococcal Infection (corrected) <sup>2</sup>	920	30.7	908	30.0	1,243	40.7
<i>Haemophilus influenzae</i>	5	0.2	3	--	6	0.2
Hemolytic Uremic Syndrome	4	--	2	--	1	--
Hepatitis A	77	2.6	39	1.3	58	1.9
Hepatitis B	26	0.9	29	1.0	6	0.2
Hepatitis B, Chronic <sup>2</sup>	1,298	43.3	1,021	33.7	764	25.0
Hepatitis B, Perinatal	2	--	3	--	4	--
Hepatitis C	3	--	5	0.2	2	--
Hepatitis C, Chronic <sup>3</sup>	1,841	61.4	994	32.8	125	4.1
Hepatitis D (Delta)	0	--	0	--	0	--
Hepatitis Non-A, Non-B	1	--	0	--	0	--
Hepatitis, Other	11	0.4	4	--	1	--
Hepatitis, Unspecified	2	--	0	--	0	--
Kawasaki Syndrome	24	0.8	26	0.9	26	0.9
Legionellosis	5	0.2	9	0.3	11	0.4
Leprosy (Hansen's Disease)	0	--	0	--	4	--
Leptospirosis	0	--	0	--	0	--
Listeriosis	5	0.2	14	0.5	7	0.2
Lyme Disease	2	--	1	--	2	--
Malaria	12	0.4	14	0.5	11	0.4
Measles (Rubeola)	0	--	0	--	0	--
Meningitis, Total	648	21.6	559	18.4	342	11.2
Meningitis, Bacterial	34	1.1	16	0.5	29	0.9
Meningitis, Fungal	17	0.6	18	0.6	12	0.4
Meningitis, Parasitic	0	--	0	--	0	--
Meningitis, Unknown	1	--	4	--	0	--
Meningitis, Other	0	--	0	--	0	--
Meningitis, Viral (Aseptic)	596	19.9	521	17.2	301	9.9
Meningococcal Disease, Total	16	0.5	18	0.6	8	0.3
Meningococcal Meningitis	4	--	7	0.2	2	--
Meningococcal Infection, Other Invasive	0	--	0	--	0	--
Meningococccemia	12	0.4	11	0.4	6	0.2

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MID-YEAR POPULATION*	YEAR		2004		2005	
	2003 3,000,092		3,031,583		3,055,514	
DISEASE	NUMBER	RATE **	NUMBER	RATE **	NUMBER	RATE **
Mumps	3	--	2	--	3	--
Non-Gonococcal Urethritis	554	18.5	468	15.4	444	14.5
Pelvic Inflammatory Disease	38	1.3	46	1.5	61	2.0
Pertussis (Whooping Cough)	92	3.1	111	3.7	120	3.9
Psittacosis	0	--	0	--	0	--
Q-fever	0	--	1	--	0	--
Rat Bite Fever	0	--	0	--	0	--
Relapsing Fever	0	--	1	--	0	--
Reye Syndrome	0	--	0	--	0	--
Rheumatic Fever, Acute	1	--	0	--	0	--
Rocky Mountain Spotted Fever	0	--	0	--	0	--
Rubella (German Measles)	0	--	0	--	0	--
Rubella Syndrome, Congenital	0	--	0	--	0	--
Salmonellosis (Non-Typhoid Fever)	250	8.3	305	10.1	327	10.7
Schistosomal Dermatitis	0	--	3	--	1	--
Scombroid Fish Poisoning	6	0.2	7	0.2	3	--
Shigellosis, Total	121	4.0	124	4.1	140	4.6
Shigella A - Dysenteriae	0	--	0	--	1	--
Shigella B - Flexneri	47	1.6	38	1.3	46	1.5
Shigella C - Boydii	3	--	5	0.2	1	--
Shigella D - Sonnei	70	2.3	81	2.7	92	3.0
Shigella, Species Unknown	1	--	0	--	0	--
Streptococcal Infection, Invasive Group A	46	1.5	39	1.3	41	1.3
Streptococcus Pneumoniae Invasive Disease <sup>4</sup>	19	0.6	141	4.7	96	3.1
Syphilis, Total, All Stages	262	8.7	284	9.4	354	11.6
Syphilis, Congenital	3	--	5	0.2	3	--
Syphilis, Early Latent	25	0.8	28	0.9	49	1.6
Syphilis, Latent	11	0.4	15	0.5	17	0.6
Syphilis, Late Latent	182	6.1	191	6.3	187	6.1
Syphilis, Primary	18	0.6	15	0.5	26	0.9
Syphilis, Secondary	20	0.7	29	1.0	71	2.3
Syphilis, Other	3	--	1	--	1	--
Taeniasis	2	--	0	--	2	--
Tetanus	0	--	0	--	1	--
Toxic Shock Syndrome	6	0.2	13	0.4	5	0.2
Toxoplasmosis	1	--	1	--	3	--
Trichinosis	0	--	0	--	0	--
Tularemia	0	--	0	--	0	--
Typhoid Fever, Carrier	0	--	3	--	0	--
Typhoid Fever, Case	9	0.3	6	0.2	9	0.3
Typhus Fever	0	--	0	--	0	--
Varicella	1	--	7	0.2	5	0.2
Vibrio Infections	6	0.2	8	0.3	8	0.3
Waterborne Outbreaks	0	--	0	--	0	--
West Nile Infections, Total	NA	NA	62	2.0	17	0.6
West Nile Neuroinvasive Disease	NA	NA	33	1.1	11	0.4
West Nile Fever	NA	NA	28	0.9	4	--
West Nile Asymptomatic/Blood Donor Positive	NA	NA	2	--	0	--
West Nile Acute Flaccid Paralysis	NA	NA	1	--	2	--
Yersiniosis	6	0.2	12	0.4	9	0.3

<sup>1</sup> Significant delays in reporting resulted in 2004 incident cases being reported in 2005; this report reallocated cases from 2005 to 2004.

<sup>2</sup> From September 2004 to October 2005, and July 2007, E&A stopped reporting chronic hepatitis B except for mothers of childbearing age.

<sup>3</sup> In September 2004, E&A stopped reporting chronic hepatitis C except for cases that meet selected criteria.

<sup>4</sup> Streptococcus Pneumoniae Invasive Disease became a reportable disease in Orange County as of August 2003.

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

\* Source: Population Data from State of California, Department of Finance, California County Population Estimates & Components of Change by Year, July 1, 2000-2009. Sacramento, CA, December 2009.

\*\* Rates not calculated for diseases with less than five reported cases

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