

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*	YEAR		2003		2004		2005	
	3,004,371		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
AIDS			229	7.6	212	7.0	165	5.4
Amebiasis			11	0.4	16	0.5	11	0.4
Botulism			1	0.0	1	0.0	5	0.2
Botulism-Infant			1	0.0	0	0.0	0	0.0
Brucellosis			0	0.0	2	0.1	0	0.0
Campylobacteriosis			245	8.2	234	7.7	195	6.4
Chancroid			0	0.0	1	0.0	0	0.0
Chlamydial Infection (reported)			6,405	213.2	5,202	171.3	8,825	288.3
Chlamydial Infection (corrected) ¹			--	--	6,214	204.7	7,813	255.2
Cholera			0	0.0	0	0.0	0	0.0
Coccidioidomycosis			24	0.8	33	1.1	40	1.3
Conjunctivitis, Newborn			4	0.1	2	0.1	0	0.0
Cryptosporidiosis			21	0.7	14	0.5	8	0.3
Cysticercosis			13	0.4	12	0.4	8	0.3
Dengue			2	0.1	4	0.1	5	0.2
Echinococcosis (Hydatid Disease)			0	0.0	0	0.0	0	0.0
Encephalitis, Total			16	0.5	31	1.0	39	1.3
Encephalitis, Primary			0	0.0	0	0.0	0	0.0
Encephalitis, Post Infection			0	0.0	0	0.0	0	0.0
Encephalitis, Unknown			14	0.5	28	0.9	32	1.0
Encephalitis, Viral			2	0.1	3	0.1	7	0.2
<i>Escherichia Coli</i> O157:H7 Infection			24	0.8	17	0.6	8	0.3
Foodborne Disease Outbreaks			44	1.5	49	1.6	29	0.9
Giardiasis			124	4.1	95	3.1	107	3.5
Gonococcal Infection (reported)			920	30.6	761	25.1	1,390	45.4
Gonococcal Infection (corrected) ¹			--	--	908	29.9	1,243	40.6
<i>Haemophilus influenzae</i>			5	0.2	3	0.1	6	0.2
Hemolytic Uremic Syndrome			2	0.1	1	0.0	0	0.0
Hepatitis A			77	2.6	39	1.3	58	1.9
Hepatitis B ²			28	0.9	32	1.1	10	0.3
Hepatitis B, Chronic ³			1,298	43.2	1,021	33.6	764	25.0
Hepatitis C			3	0.1	5	0.2	2	0.1
Hepatitis C, Chronic ⁴			1,841	61.3	994	32.7	125	4.1
Hepatitis D (Delta)			0	0.0	0	0.0	0	0.0
Hepatitis Non-A, Non-B			1	0.0	0	0.0	0	0.0
Hepatitis, Other			11	0.4	4	0.1	1	0.0
Hepatitis, Unspecified			2	0.1	0	0.0	0	0.0
Kawasaki Syndrome			24	0.8	26	0.9	26	0.8
Legionellosis			5	0.2	9	0.3	11	0.4
Leprosy (Hansen's Disease)			0	0.0	0	0.0	4	0.1
Leptospirosis			0	0.0	0	0.0	0	0.0
Listeriosis			5	0.2	14	0.5	7	0.2
Lyme Disease			2	0.1	1	0.0	2	0.1
Malaria			12	0.4	14	0.5	11	0.4
Measles (Rubeola)			0	0.0	0	0.0	0	0.0
Meningitis, Total			648	21.6	559	18.4	348	11.4
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	0	0.0	0	0.0
Meningitis, Unknown			1	0.0	4	0.1	0	0.0
Meningitis, Other			0	0.0	0	0.0	6	0.2
Meningitis, Viral (Aseptic)			596	19.8	521	17.2	301	9.8
Meningococcal Disease, Total			16	0.5	18	0.6	8	0.3
Meningococcal Meningitis			4	0.1	7	0.2	2	0.1
Meningococcal Infection, Other Invasive			0	0.0	0	0.0	0	0.0
Meningococcemia			12	0.4	11	0.4	6	0.2
Mumps			3	0.1	2	0.1	3	0.1

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MID-YEAR POPULATION*	YEAR		2004		2005	
	3,004,371	2003	3,036,002	2004	3,061,094	2005
DISEASE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
Non-Gonococcal Urethritis	554	18.4	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	0	0.0	0	0.0
Q-fever	0	0.0	1	0.0	0	0.0
Rat Bite Fever	0	0.0	0	0.0	0	0.0
Relapsing Fever	0	0.0	1	0.0	0	0.0
Reye Syndrome	0	0.0	0	0.0	0	0.0
Rheumatic Fever, Acute	1	0.0	0	0.0	0	0.0
Rocky Mountain Spotted Fever	0	0.0	0	0.0	0	0.0
Rubella (German Measles)	0	0.0	0	0.0	0	0.0
Rubella Syndrome, Congenital	0	0.0	0	0.0	0	0.0
Salmonellosis (Non-Typhoid Fever)	250	8.3	305	10.0	327	10.7
Schistosomal Dermatitis	0	0.0	3	0.1	1	0.0
Scombroid Fish Poisoning	6	0.2	7	0.2	3	0.1
Shigellosis, Total	121	4.0	124	4.1	140	4.6
Shigella A - Dysenteriae	0	0.0	0	0.0	1	0.0
Shigella B - Flexneri	47	1.6	38	1.3	46	1.5
Shigella C - Boydii	3	0.1	5	0.2	1	0.0
Shigella D - Sonnei	70	2.3	81	2.7	92	3.0
Shigella, Species Unknown	1	0.0	0	0.0	0	0.0
Streptococcal Infection, Invasive Group A	46	1.5	39	1.3	41	1.3
Syphilis, Total, All Stages	262	8.7	283	9.3	353	11.5
Syphilis, Congenital	3	0.1	5	0.2	3	0.1
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	0.8
Syphilis, Secondary	20	0.7	29	1.0	71	2.3
Syphilis, Other	3	0.1	0	0.0	0	0.0
Taeniasis	2	0.1	0	0.0	2	0.1
Tetanus	0	0.0	0	0.0	1	0.0
Toxic Shock Syndrome	6	0.2	13	0.4	5	0.2
Toxoplasmosis	1	0.0	1	0.0	3	0.1
Trichinosis	0	0.0	0	0.0	0	0.0
Tuberculosis, Total	248	8.3	228	7.5	241	7.9
Pulmonary TB	167	5.6	145	4.8	177	5.8
Pulm & Extrapulm TB	17	0.6	22	0.7	49	1.6
Extrapulmonary TB	64	2.1	59	1.9	15	0.5
Tularemia	0	0.0	0	0.0	0	0.0
Typhoid Fever, Carrier	0	0.0	3	0.1	0	0.0
Typhoid Fever, Case	9	0.3	6	0.2	9	0.3
Typhus Fever	6	0.2	0	0.0	0	0.0
Varicella Hospitalizations or Deaths	1	0.0	7	0.2	5	0.2
Vibrio Infections	6	0.2	8	0.3	8	0.3
Waterborne Outbreaks	0	0.0	0	0.0	0	0.0
West Nile Infections - Total	NA	NA	64	2.1	18	0.6
West Nile Neuroinvasive Disease	NA	NA	34	1.1	13	0.4
West Nile Fever	NA	NA	28	0.9	4	0.1
Blood Donor Positive	NA	NA	2	0.1	1	0.0
Yersiniosis	6	0.2	12	0.4	9	0.3

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

² Includes cases of perinatal hepatitis B: 2 in 2003, 3 in 2004 and 5 in 2005.

³ From September 2004 through October 2005, E&A temporarily stopped reporting chronic hepatitis B except for mothers of childbearing age.

⁴ In September 2004, E&A stopped reporting chronic hepatitis C except for cases that meet selected criteria.

*Source: Population Data from State of California, Department of Finance, July 1 County Population Estimates, Sacramento, CA, March 2005.

Reportable diseases data from County of Orange Health Care Agency, Epidemiology & Assessment Unit, Weekly Morbidity Data, 2003-2005.

AIDS data from County of Orange Health Care Agency, HIV/AIDS Surveillance and Monitoring Program

Tuberculosis data from County of Orange Health Care Agency, Pulmonary Disease Services