



OSCEOLA COUNTY HEALTH DEPARTMENT

Epidemiology Program



Osceola County End-of-Year Reportable Disease Summary

Table 1: Osceola County and Florida Reportable Disease Counts

Disease	Osceola County					Florida
	2002	2003	2004	2005	2006	2006
Animal Bite, PEP Recommended	5	5		16	29	1,246
Animal Rabies		1	3	6	4	176
Campylobacteriosis	3	5	6	3	12	941
Creutzfeldt-Jakob Disease				1		14
Cryptosporidiosis					4	717
Cyclosporiasis				4		31
Dengue Fever	1		1			26
E. coli Shiga Toxin + (Not Serogrouped)			1		2	67
Encephalitis, Other	1					6
Enterohemorrhagic E. coli (EHEC) O157:H7	2					30
Giardiasis	14	8	9	11	27	1,167
H. influenzae Meningitis			1			14
H. influenzae Pneumonia					2	24
H. influenzae Primary Bacteremia		1		1		127
Hepatitis A	8	4	2	1	7	235
Hepatitis B (+HBsAg in Pregnant Women)	1		1	5	9	452
Hepatitis B, Acute	2	1		3	10	453
Hepatitis B, Chronic	2		2	1	46	2,896
Hepatitis C, Chronic	4	3	2	1	500	19,913
Lead Poisoning	2	1			5	424
Legionellosis		1	2	5	1	171
Leprosy (Hansen's Disease)		1				7
Listeriosis				1		38
Lyme Disease	1			1	4	60
Malaria	1	2				63
Meningitis, Meningococcal	1	1				
Meningitis, Other	1					165
Meningitis, S. pneumoniae	1	1				72
Meningococcal Disease					2	80
Mumps			1			15
Pertussis		1	3		1	230
Salmonellosis	56	39	35	55	48	4,929
Shigellosis	3	8	3	4	8	1,646
S. pneumoniae, Invasive Disease, Resistant	4	6	1		5	772
S. pneumoniae, Invasive Disease, Susceptible					3	621
Streptococcal Disease Invasive Group A					4	313
V. vulnificus				1		27
Total	113	89	73	120	733	38,168



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Table 2: Reportable Disease Rates (per 100,000) for Florida, Orange County, Counties of Comparable Size, and Neighboring Counties

Disease	Counties of Comparable Size						Neighboring Counties					
	OSC	FL	ALA	LAK*	LEO	SLU	BRE	HIG	IND	OKE	ORA	POL
Animal Bite, PEP Recommended	11.7	6.8	9.3	12.3	0.4	3.2	17.2	7.3	15.6	2.6	11.3	0.5
Animal Rabies	1.6	1.0	5.7	1.4	2.2	0.8	1.5	1.0	5.2	2.6	0.8	0.9
Brucellosis		0.0				0.4						0.2
Campylobacteriosis	4.8	5.1	7.7	2.5	6.5	5.1	2.8	2.1	6.0	5.3	3.8	6.8
Ciguatera		0.2				0.4						
Creutzfeldt-Jakob Disease		0.1	0.4									
Cryptosporidiosis	1.6	3.9	5.7	0.7	1.8	2.0	1.3	1.0	0.7	7.9	5.1	2.0
Cyclosporiasis		0.2		0.4		0.4			0.7		0.1	0.2
Dengue Fever		0.1	0.8			0.4					0.1	
E. coli Shiga Toxin + (Not Serogrouped)	0.8	0.4	0.4		1.4	0.4					0.2	
Ehrlichiosis, Human Monocytic		0.0	0.4						0.7			
Enterohemorrhagic E. coli (EHEC) O157:H7		0.2		0.7	0.4	0.4	0.4	1.0			0.2	
Giardiasis	10.9	6.3	10.2	6.2	6.8	5.5	5.3	5.2	10.4	18.5	11.4	3.2
H. influenzae Meningitis		0.1			0.4					2.6	0.3	0.2
H. influenzae Pneumonia	0.8	0.1				0.4						
H. influenzae Primary Bacteremia		0.7	0.4	1.1	1.4	1.6	0.7				0.4	1.3
Hepatitis A	2.8	1.3	1.6	1.1	0.4	4.3	0.2	1.0		5.3	0.6	0.4
Hepatitis B (+HBsAg in Pregnant Women)	3.6	2.5	4.5	1.1	2.2	3.9	1.5	3.1	0.7		4.0	3.0
Hepatitis B, Acute	4.0	2.5	0.4	1.1	3.6	4.7	2.0	2.1	0.7		3.9	4.1
Hepatitis B, Chronic	18.5	15.7	23.2	8.0	1.8	22.9	18.2	13.6	8.9	2.6	35.6	15.4
Hepatitis B, Perinatal		0.0	0.4				0.2				0.1	
Hepatitis C, Acute		0.3		0.4		1.2		2.1			0.7	0.2
Hepatitis C, Chronic	201.4	108.1	144.2	97.0	8.2	155.3	150.8	107.0	152.0	50.2	4.7	36.2
Hepatitis, Non-A, Non-B		0.2										0.4
Lead Poisoning	2.0	2.3	0.4	1.4	1.8	4.3	0.4	5.2			2.0	1.6
Legionellosis	0.4	0.9	1.2	1.8		0.8	0.4	2.1	1.5		0.7	0.5
Leprosy (Hansen's Disease)		0.0					0.4				0.2	0.2
Listeriosis		0.2		0.4	0.7	0.4	0.2					0.2
Lyme Disease	1.6	0.3	0.4			2.0	0.2		1.5		0.2	
Malaria		0.3	0.4	0.4	0.4	0.8					0.4	0.4
Measles		0.0					0.6					0.2
Meningitis, Group B Strep		0.1									0.3	
Meningitis, L. monocytogenes		0.0					0.4					0.2
Meningitis, Other		0.9	1.6		0.4	2.0		2.1	0.7		1.2	0.9
Meningitis, S. pneumoniae		0.4	0.8				0.4				0.5	0.7
Meningococcal Disease	0.8	0.4	0.4	1.1	1.1		0.4		0.7		0.6	0.4
Mumps		0.1		0.4		0.4					0.1	
Pertussis	0.4	1.2	0.4	1.4	2.2	1.6	0.7	7.3			0.6	1.6
Rocky Mountain Spotted Fever		0.2	0.4			1.6						
Rubella		0.0					0.2					
S. pneumoniae, Invasive Disease, Resistant	2.0	4.2	5.7	4.3	4.3	4.3	4.2	4.2	7.5		5.3	8.1
S. pneumoniae, Invasive Disease, Susceptible	1.2	3.4	2.4	4.7	2.5	3.5	3.5	6.3	3.0		4.5	5.7
Salmonellosis	19.3	26.8	35.3	32.6	27.6	33.5	40.9	26.2	19.4	29.1	23.1	31.0
Shigellosis	3.2	8.9	11.8	10.1	6.5	2.4	7.3	18.9	3.0		17.5	32.1
Streptococcal Disease Invasive Group A	1.6	1.7	2.0	1.8	1.4	1.2	2.8	1.0	0.7		2.1	2.3
Tetanus		0.0									0.1	
Toxoplasmosis		0.0										0.2
Typhoid Fever		0.1									0.2	
Typhus Fever, Endemic (Murin)		0.0	0.4	0.0								
V. alginolyticus		0.1	0.4	0.0			0.6				0.1	
V. cholerae Non-O1		0.0			0.7		0.2					
V. fluvialis		0.0						1.0				0.2
V. holllisae		0.0			0.7							
V. mimicus		0.0										
V. parahaemolyticus		0.1	0.4	0.0	0.4						0.3	
V. vulnificus		0.1	0.4	0.0		0.4	0.4				0.2	
Vibrio other		0.0					0.2		0.7			

*LAK (Lake County) is both a comparable size county and a neighboring county.