



OSCEOLA COUNTY HEALTH DEPARTMENT

Epidemiology Program



Weekly Infectious Disease Summary Report Osceola County and Florida

Weeks 1 – 42 (December 31, 2006-October 20, 2007)

| Disease | Osceola County | | Florida | |
|--|----------------|-------|---------|-------|
| | Number | Rate* | Number | Rate* |
| Animal Bite, PEP Recommended | 16 | 6.4 | 1111 | 6.0 |
| Animal Rabies | 1 | 0.4 | 105 | 0.6 |
| Botulism, Infant | - | -- | 1 | 0.0 |
| Brucellosis | 1 | 0.4 | 6 | 0.0 |
| California Serogroup, Neuroinvasive | - | -- | 1 | 0.0 |
| Campylobacteriosis | 3 | 1.2 | 843 | 4.6 |
| Ciguatera | - | -- | 23 | 0.1 |
| Creutzfeldt-Jakob Disease | - | -- | 13 | 0.1 |
| Cryptosporidiosis | 4 | 1.6 | 594 | 3.2 |
| Cyclosporiasis | - | -- | 33 | 0.2 |
| Dengue Fever | - | -- | 36 | 0.2 |
| E. coli Shiga Toxin + (Not Serogrouped) | 2 | 0.8 | 76 | 0.4 |
| E. coli Shiga Toxin + (Serogroup Non-O157) | 1 | 0.4 | 10 | 0.1 |
| Ehrlichiosis, Human Granulocytic | - | -- | 2 | 0.0 |
| Ehrlichiosis, Human Monocytic | - | -- | 17 | 0.1 |
| Encephalitis, Herpes | - | -- | 8 | 0.0 |
| Encephalitis, Other | - | -- | 6 | 0.0 |
| Enterohemorrhagic E. coli (EHEC) O157:H7 | - | -- | 29 | 0.2 |
| Epsilon Toxin of C. perfringens | - | -- | 1 | 0.0 |
| Giardiasis | 10 | 4.0 | 1039 | 5.6 |
| H. influenzae Cellulitis | - | -- | 2 | 0.0 |
| H. influenzae Meningitis | - | -- | 6 | 0.0 |
| H. influenzae Pneumonia | 1 | 0.4 | 30 | 0.2 |
| H. influenzae Primary Bacteremia | 2 | 0.8 | 95 | 0.5 |
| H. influenzae Septic Arthritis | - | -- | 1 | 0.0 |
| Hemolytic Uremic Syndrome | - | -- | 6 | 0.0 |
| Hepatitis A | 1 | 0.4 | 161 | 0.9 |
| Hepatitis B (+HBsAg in Pregnant Women) | 5 | 9.4 | 499 | 14.1 |
| Hepatitis B, Perinatal | - | -- | 1 | 0.2 |
| Hepatitis B, Acute | 7 | 2.8 | 307 | 1.7 |
| Hepatitis B, Chronic | 26 | 10.5 | 2886 | 15.7 |
| Hepatitis C, Acute | 1 | 0.4 | 42 | 0.2 |
| Hepatitis C, Chronic | 365 | 147.0 | 17269 | 93.7 |
| Hepatitis D | - | -- | 1 | 0.0 |
| Hepatitis E | - | -- | 1 | 0.0 |
| Influenza, Pediatric Death | - | -- | 2 | 0.0 |
| Lead Poisoning | 1 | 0.4 | 346 | 1.9 |
| Legionellosis | - | -- | 123 | 0.7 |
| Leprosy (Hansen's Disease) | - | -- | 7 | 0.0 |
| Leptospirosis | - | -- | 1 | 0.0 |
| Listeriosis | - | -- | 23 | 0.1 |
| Lyme Disease | 1 | 0.4 | 76 | 0.4 |
| Malaria | - | -- | 51 | 0.3 |
| Measles | - | -- | 5 | 0.0 |
| Meningitis, Group B Strep | - | -- | 22 | 0.1 |
| Meningitis, L. monocytogenes | - | -- | 5 | 0.0 |
| Meningitis, Other | - | -- | 109 | 0.6 |



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|--|------------|--------------|--------------|--------------|
| Meningitis, <i>S. pneumoniae</i> | 1 | 0.4 | 48 | 0.3 |
| Meningococcal Disease | 1 | 0.4 | 55 | 0.3 |
| Mercury Poisoning | - | -- | 19 | 0.1 |
| Monkey Bite | - | -- | 1 | 0.0 |
| Mumps | | | 17 | 0.1 |
| Pertussis | - | -- | 189 | 1.0 |
| Pesticide-Related Illness or Injury | - | -- | 1 | 0.0 |
| Psittacosis | - | -- | 1 | 0.0 |
| Q Fever | - | -- | 3 | 0.0 |
| Rocky Mountain Spotted Fever | - | -- | 20 | 0.1 |
| Salmonellosis | 36 | 14.5 | 3674 | 19.9 |
| Shigellosis | 5 | 2.0 | 1912 | 10.4 |
| <i>S. pneumoniae</i> , Invasive Disease, Resistant | 1 | 0.4 | 573 | 3.1 |
| <i>S. pneumoniae</i> , Invasive Disease, Susceptible | 1 | 0.4 | 486 | 2.6 |
| Streptococcal Disease Invasive Group A | 2 | 0.8 | 258 | 1.4 |
| Tetanus | - | -- | 4 | 0.0 |
| Toxoplasmosis | - | -- | 5 | 0.0 |
| Typhoid Fever | - | -- | 12 | 0.1 |
| Typhus Fever, Endemic (Murin) | - | -- | 2 | 0.0 |
| Varicella | 13 | 5.2 | 1024 | 5.6 |
| <i>V. alginolyticus</i> | 1 | 0.4 | 29 | 0.2 |
| <i>V. cholerae</i> Non-O1 | - | -- | 4 | 0.0 |
| <i>V. cholerae</i> Type O1 | - | -- | 1 | 0.0 |
| <i>V. fluvialis</i> | - | -- | 4 | 0.0 |
| <i>V. hollisae</i> | - | -- | 1 | 0.0 |
| <i>V. parahaemolyticus</i> | - | -- | 23 | 0.1 |
| <i>V. vulnificus</i> | - | -- | 12 | 0.1 |
| <i>Vibrio</i> , other | - | -- | 5 | 0.0 |
| West Nile Virus, Neuroinvasive | - | -- | 3 | 0.0 |
| Total | 509 | 212.2 | 34417 | 198.3 |

*Rates are per 100,000



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Weekly Infectious Disease Summary Report

Osceola County

Weeks 1 – 42 for 2006 and 2007

| Disease | 2007 | | 2006 | |
|--|------------|--------------|------------|--------------|
| | Number | Rate* | Number | Rate* |
| Animal Bite, PEP Recommended | 16 | 6.4 | 21 | 8.5 |
| Animal Rabies | 1 | 0.4 | 3 | 1.2 |
| Brucellosis | 1 | 0.4 | 0 | 0.0 |
| Campylobacteriosis | 3 | 1.2 | 9 | 3.6 |
| Cryptosporidiosis | 4 | 1.6 | 2 | 0.8 |
| E. coli Shiga Toxin + (Not Serogrouped) | 2 | 0.8 | 1 | 0.4 |
| E. coli Shiga Toxin + (Serogroup Non-O157) | 1 | 0.4 | 0 | 0.0 |
| Giardiasis | 10 | 4.0 | 21 | 8.5 |
| H. influenzae Pneumonia | 1 | 0.4 | 1 | 0.4 |
| H. influenzae Primary Bacteremia | 2 | 0.8 | 0 | 0.0 |
| Hepatitis A | 1 | 0.4 | 4 | 1.6 |
| Hepatitis B (+HBsAg in Pregnant Women) | 5 | 9.4 | 7 | 13.1 |
| Hepatitis B, Acute | 7 | 2.8 | 9 | 3.6 |
| Hepatitis B, Chronic | 26 | 10.5 | 30 | 12.1 |
| Hepatitis C, Acute | 1 | 0.4 | 0 | 0.0 |
| Hepatitis C, Chronic | 365 | 147.0 | 330 | 132.9 |
| Lead Poisoning | 1 | 0.4 | 3 | 1.2 |
| Legionellosis | 0 | 0.0 | 1 | 0.4 |
| Lyme Disease | 1 | 0.4 | 2 | 0.8 |
| Meningitis, S. pneumoniae | 1 | 0.4 | 0 | 0.0 |
| Meningococcal Disease | 1 | 0.4 | 1 | 0.4 |
| Pertussis | 0 | 0.0 | 1 | 0.4 |
| Salmonellosis | 36 | 14.5 | 36 | 14.5 |
| Shigellosis | 5 | 2.0 | 3 | 1.2 |
| S. pneumoniae, Invasive Disease, Resistant | 1 | 0.4 | 2 | 0.8 |
| S. pneumoniae, Invasive Disease, Susceptible | 1 | 0.4 | 3 | 1.2 |
| Streptococcal Disease Invasive Group A | 2 | 0.8 | 4 | 1.6 |
| Varicella | 13 | 5.2 | 0 | 0.0 |
| V. alginolyticus | 1 | 0.4 | 0 | 0.0 |
| Total | 509 | 212.2 | 494 | 209.2 |

*Rates are per 100,000