



Epi Watch

A Monthly Epidemiology Newsletter



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Pinellas County Health Department

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Epi Watch is a monthly newsletter from the Pinellas County Health Department. For more information, or to add your e-mail address to the distribution list, please contact the Editor.

"The reason for collecting, analyzing and disseminating information on a disease is to control that disease. Collection and analysis should not be allowed to consume resources if action does not follow."

Foege, W.H. et al. (1976). Int. J of Epidemiology, 5:29-37.

To report diseases by

phone call:

(727) 824-6932

To report diseases by **fax**

(other than HIV/AIDS) use:

(727) 820-4270

Surveillance Summary 2010

Disease Control Division

The prevention and control of communicable diseases continues to be a top priority for the Pinellas County Health Department (PinCHD). The PinCHD staff is committed to promoting, protecting and improving the health and safety of Pinellas County.

Gastrointestinal

Beginning in October of 2010, the Epidemiology program detected an increase in the number of cases of shigellosis. Of the 47 cases reported to the PinCHD in 2010, 36 cases were reported during the last three months of 2010. Of these 36 cases, most (86%) were children under the age of 10 years. While there were some household clusters, there were no outbreak reports. Shigellosis is cyclical in that some years experience more cases than other years. In 2009, for instance, only 5 cases were reported.

Sexually Transmitted Diseases (STD)

While the total number of STD cases has not increased in 2010, the STD Program noted an increase in syphilis cases among young adult heterosexuals. In addition, the PinCHD continues to see an increase in syphilis cases that are co-infected with HIV among all ages.

Influenza

The last two weeks in December indicated an increase in influenza activity, with most confirmed cases being caused by H3N2 influenza A. The circulating strains of influenza are the same strains that are contained in the 2010-2011 influenza vaccine:

- an A/California/7/2009 (H1N1)–like virus; (same vaccine virus used in the 2009 H1N1 vaccine)
- an A/Perth/16/2009 (H3N2)–like virus;
- and a B/Brisbane/60/2008–like virus.

The PinCHD stresses the importance of receiving the vaccine, particularly among health care providers and individuals with underlying conditions that puts them at risk for developing complications.

The Pinellas County Health Department thanks our community partners for their continued support and assistance in disease reporting and surveillance activities. We look forward to future enhancements of our investigation and surveillance activities.

Selected Reportable Diseases in Pinellas County

Disease	2010 December	2010 Total	2009 Total
AIDS	5	129	149
Animal Rabies			
Arboviral Illness (Human):		1	
Dengue			
EEE			
SLE			
WNV			
CA/LaCrosse			
Campylobacteriosis	2	37	30
Chlamydia	275	3844	3974
Creutzfeldt-Jakob Disease (CJD)			1
Cryptosporidiosis		24	23
Cyclosporiasis		4	2
<i>E. coli</i> O157:H7			
<i>E. coli</i> Shiga Toxin (+)			
Giardiasis	9	44	34
Gonorrhea	99	1328	1509
<i>H. influenzae</i> :		11	8
Invasive Disease			
Hansen's Disease		1	1
Hemolytic Uremic Syndrome (HUS)			
Hepatitis, Acute Viral:			
A	1	2	6
B		8	28
C		11	3
Hepatitis B: Pregnant Woman +HBsAg	1	26	24
Hepatitis, Chronic Viral			
B	19	230	186
C	107	1498	1382
HIV	14	217	162
Lead Poisoning: Children < 6 years:	2	3	5
Legionellosis		12	10
Listeriosis	1	1	
Lyme Disease	1	9	6
Malaria	1	2	3
Meningitis:			
Bacterial, Cryptococcal, Mycotic	1	10	7
Meningococcal Disease		4	3
Mercury Poisoning		2	
Mumps		1	2
Pertussis		10	4
Rabies, possible exposure	10	94	74
Salmonellosis	26	258	284
Shigellosis	17	47	5
Streptococcal Disease, Inv. Group A	1	6	14
<i>S. pneumoniae</i> , Inv. Disease (DR)	1	16	35
<i>S. pneumoniae</i> , Inv. Disease (Suscept)	1	15	28
Syphilis:			
Total	8	116	183
Infectious (P and S)	6	55	68
Early Latent	1	27	81
Congenital			
Late Syphilis (Late Latent; Neurosyphilis)	1	34	34
Tuberculosis	1	36	19
<i>Vibrio</i> Infections		12	8

Provisional cases reported by the Pinellas County Health Department. Blank cells indicate no cases reported. For a complete list of reportable diseases and guidelines for reporting, please visit: http://www.doh.state.fl.us/disease_ctrl/epi/index.html