



EPI OBSERVER

October - December 2009

FLORIDA DEPARTMENT OF
HEALTH

A Quarterly Newsletter from the Martin County Health Department
Division of Epidemiology

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World TB Day 2010

“Tuberculosis Elimination: Together We Can!”

World Tuberculosis (TB) Day is March 24, 2010. The Centers for Disease Control (CDC) and partners are committed to eliminating TB in the United States. Tuberculosis (TB) is a disease caused by a bacterium called *Mycobacterium tuberculosis*. The bacteria usually attacks the lungs but can attack any part of the body (such as, kidney, spine, and brain).

The CDC’s goals for TB elimination are to:

- Work together, strengthen partnerships, and combine resources among local, state, national, and international agencies.
- Identify and implement innovative strategies to help improve testing and treatment among high-risk populations.

TB Stats:

- 1/3 of world’s population are infected with TB.
- Each year, over 9 million people around the world become sick with TB and 2 million TB related deaths occur.
- TB is a leading cause of death among people with HIV.
- In the United States, the total number of reported TB cases in 2008 was lower compared to the total number of reported TB cases in 2007.
- In 2008, 59% of all TB cases in the U.S. occurred in foreign born individuals.

TB Myths Demystified:

- TB still exists in the world, although many people believe it was eradicated.
- TB is not transmitted by sharing food, drinks or toothbrushes, touching linens or toilet seats, shaking hands, or kissing.

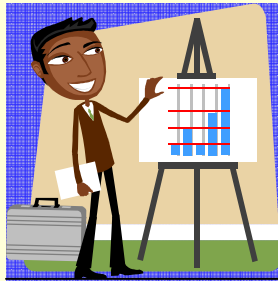
Source/For more information visit: <http://www.cdc.gov/tb/>,
<http://www.cdc.gov/tb/events/WorldTBDay/default.htm>

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MERLIN Registry System, Disease Incidence Report
Martin County Health Department, Division of Epidemiology
 (January 1, 2009 – December 31, 2009)



	<u>Martin County</u> Cases Reported Year-to-Date		<u>State of Florida</u> Cases Reported Year-to-Date	
	2009	2008	2009	2008
Central Nervous System & Invasive Diseases:				
Haemophilus Influenzae (Invasive Disease)	2	0	222	154
Listeriosis	1	1	25	49
Meningitis, Bacterial, Cryptococcal, Mycotic	0	1	210	199
Meningococcal Disease	1	0	56	54
Strep Pneumoniae, Invasive Drug-Resistant	2	2	767	789
Streptococcal Disease Invasive Group A	1	0	279	275
Strep Pneumoniae, Invasive Susceptible	4	4	731	697
Hepatitis:				
Hepatitis A	3	4	203	164
Hepatitis B (+HBsAg in pregnant women)	4	5	602	599
Hepatitis B, Acute	0	2	324	357
Hepatitis B, Chronic	16	9	4,415	3,976
Hepatitis C, Acute	0	3	79	52
Hepatitis C, Chronic	180	179	21,197	26,814
Vaccine Preventable Diseases:				
Mumps	0	1	23	28
Pertussis	5	0	499	314
Varicella (Chickenpox)	12	20	1,128	1,736
Enteric Diseases:				
Campylobacteriosis	1	5	1,120	1,117
Cryptosporidiosis	4	3	497	549
Escherichia Coli, Shiga Toxin Producing	3	0	177	53
Enterohemorrhagic E. Coli (EHEC) 0157:H7	0	1	0	33
Giardiasis	8	6	1,937	1,389
Salmonellosis	51	33	6,746	5,305
Shigellosis	2	2	462	792
Vibrio Vulnificus	1	0	26	16
Vibrio Parahaemolyticus	1	0	23	21
Vibrio, Other	0	1	9	13
Vector Borne & Zoonosis Diseases:				
Animal Bite, Post-Exposure Prophylaxis for Rabies	16	11	1,857	1,616
Lyme Disease	5	2	159	101
Rabid Animals	2	3	161	138
Rocky Mountain Spotted Fever	1	0	12	20
Other Diseases:				
Influenza due to novel or pandemic strains (cases reported with a confirmed laboratory test)	73	0	5,281	0
Lead Poisoning	5	2	587	614
Legionellosis	1	1	204	149
Mercury Poisoning	0	2	21	69
Tuberculosis	8	7	Data not available	953
Total:	413	310	50,039	49,205

Tuberculosis Elimination: Together We Can!

TB Facts:

- TB is considered an airborne disease which means that it is spread from an infected person to another through the air via coughing, sneezing or speaking.
- People become infected after breathing in the TB bacteria. Usually susceptible individuals are in close proximity and spend a considerable amount of time with an infected person.
- Symptoms of TB disease can include: weakness, weight loss, fever, night sweats, coughing, coughing up blood, and chest pain.
- If left untreated, TB can be deadly.
- If a person with the disease stops taking their medications too soon or doesn't take them correctly, then they could become sick again or the bacteria could become resistant to those medications.
- A TB skin test can be done to determine if a person has been infected with TB.
- A positive skin test indicates that a person has been infected with TB germs not whether or not the person has the disease. Additional testing, (chest x-ray and sputum) is needed to see whether the person has TB disease.

If you have been around someone who has TB disease, you should go to your doctor or your local health department for TB testing.

The Martin County Health Department, Division of Epidemiology:

- Provides tuberculosis testing
- Provides all high risk individuals with necessary prophylaxis
- Treats active TB cases
- Monitors TB patients regularly to ensure they complete and take their medication correctly

For More Information Visit: <http://www.cdc.gov/tb/>

You're Invited!

Martin County Health Department's 1st Annual HIV/AIDS Symposium

Date: February 26, 2010

Time: 9:00am - 2:00pm

FREE Registration: 8:30am

**Guest Speakers, Vendors
Breakfast & Lunch will be provided**

Location:

**Treasure Coast Hospice of Martin County
1201 SE Indian Street
Stuart, Florida**

Please RSVP by February 19, 2010

Sponsored by: Martin County Health Department

Respect Yourself!

Protect Yourself!

Get Tested!

To RSVP or For More Information

Contact:

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Upcoming Events

Okeechobee 3rd Annual Family Health and Safety Expo

January 30, 2010 9:00am – 2:00pm
Okeechobee Agricultural Civic Center

National Black HIV/AIDS Awareness Day

February 7, 2010

<http://www.hhs.gov/aidsawarenessdays/days/black/index.html>

Martin County Health Department's 1st HIV/AIDS Symposium

February 26, 2010 9:00am - 2:00pm
Treasure Coast Hospice of Martin County
1201 SE Indian Street Stuart, Florida
To RSVP or For More Information Contact:
NiShay Clark Ph: 772-221-4000, ext. 2248
E-mail: Nishay_Clark@doh.state.fl.us

National Women & Girls HIV/AIDS Awareness Day

March 10, 2010

<http://www.womenshealth.gov/nwghaad/>

National Native HIV/AIDS Awareness Day

(American Indian, Alaska Native, and Native Hawaiian)

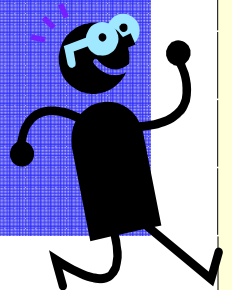
March 20, 2010

<http://www.hhs.gov/aidsawarenessdays/days/native/index.html>

World TB Day

March 24, 2010

<http://www.stoptb.org/events/world%5Ftb%5Fday/>



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