



Palm Beach County Health Department

**Division of Epidemiology
800 Clematis Street – 2nd floor
West Palm Beach, FL 33401**

(561) 671-4184

Disease Surveillance Report

First Quarter - 2010

January 1 – March 31, 2010

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Note: Data indicated is provisional

**Reportable Communicable Diseases and Other Conditions
Palm Beach County, Florida
January 1 – March 31, 2010**

Disease/Condition	Cases During Jan to Mar 2010	Cumulative Cases For 2010	Cumulative Cases Same Time Last Year
Invasive Haemophilus influenzae disease	2	2	7
Meningococcal infections	1	1	2
Meningitis, bacterial, cryptococcal, mycotic	3	3	2
Streptococcus pneumoniae-drug resistant-invasive	21	21	16
Encephalitis, St. Louis	0	0	0
Encephalitis, chickenpox	0	0	0
Measles	0	0	0
Mumps	1	1	0
Rubella	0	0	0
Tetanus	1	1	0
Pertussis	3	3	5
Hepatitis A	1	1	2
Hepatitis B, acute	7	7	5
Hepatitis C, acute	1	1	0
Salmonellosis	94	94	67
Shigellosis	11	11	1
Campylobacteriosis	15	15	20
Giardiasis	19	19	36
Cryptosporidiosis	9	9	8
Cyclosporiasis	1	1	0
Typhoid fever	1	1	0
Escherichia coli, shiga toxin producing	3	3	0
Vibrio infections	0	0	2
Animal rabies	0	0	0
Rabies, possible exposure	17	17	22
Animal bites/exposure of a human - number reported to Animal Care and Control	570	570	526
Legionellosis	4	4	2
Lead poisoning	15	15	4
Malaria	1	1	3
Dengue fever	0	0	0
Lyme disease	0	0	2
Ciguatera	0	0	0

Source: Palm Beach County Health Department
Division of Epidemiology

**Summary of Food and Water Related Complaints and Investigations
Palm Beach County Health Department
Palm Beach County, Florida
January 1 – March 31, 2010**

	FIRST QUARTER 2010	CUMULATIVE 2010	CUMULATIVE NUMBERS SAME TIME PREVIOUS YEAR
NUMBER OF COMPLAINTS	75	75	87
NUMBER OF OUTBREAKS	4	4	3
SUSPECT	3	3	2
CONFIRMED	1	1	1
NUMBER ILL	358	358	346
NUMBER OF ENVIRONMENTAL HEALTH INSPECTIONS	42	42	42

Source: Palm Beach County Health Department
Division of Environmental Public Health

**AIDS Cases Among Adult and Adolescent Males
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative 1980 – March 31, 2010**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	1767	76	874	22	345	46	47	53	3033	42
Injection drug user (IDU)	153	7	515	13	96	13	8	9	772	11
Male to male contact / IDU	158	7	141	4	33	4	5	6	337	5
Hemophiliac	13	1	1	0	3	0	1	1	18	0
Heterosexual contact	100	4	1841	46	186	25	20	22	2147	30
Transfusion related	22	1	9	0	1	0	1	1	33	1
None of the above	122	5	607	15	83	11	7	8	819	11
All Exposure Categories	2335	100	3988	100	747	100	89	100	7159	100

**AIDS Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative 1980 – March 31, 2010**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	170	36	412	15	48	22	9	20	639	19
Hemophiliac	2	0	4	0	0	0	0	0	6	0
Heterosexual contact	233	50	1947	73	147	66	34	74	2361	69
Transfusion related	17	4	13	1	3	1	0	0	33	1
None of the above	48	10	303	11	24	11	3	7	378	11
All Exposure Categories	470	100	2679	100	222	100	46	100	3417	100

Note: Percentages may not add up to 100% due to rounding.

Source of Data: Lorene Maddox, MPH
Florida Department of Health
Bureau of HIV/AIDS

**AIDS Cases Among Adult and Adolescent Males
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
January 1 – March 31, 2010**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	1	100	2	29	1	50	0	0	4	40
Injection drug user (IDU)	0	0	0	0	0	0	0	0	0	0
Male to male contact / IDU	0	0	0	0	0	0	0	0	0	0
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	0	0	4	57	1	50	0	0	5	50
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	0	0	1	14	0	0	0	0	1	10
All Exposure Categories	1	100	7	100	2	100	0	0	10	100

**AIDS Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
January 1 – March 31, 2010**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	0	0	0	0	0	0	0	0	0	0
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	0	0	5	100	0	0	0	0	5	83
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	1	100	0	0	0	0	0	0	1	17
All Exposure Categories	1	100	5	100	0	0	0	0	6	100

Note: Percentages may not add up to 100% due to rounding.

Source of Data: Lorene Maddox, MPH
Florida Department of Health
Bureau of HIV/AIDS

Pediatric AIDS Cases
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative 1980 – March 31, 2010

Risk Group	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Mother with HIV/ HIV Risk	5	83	179	94	24	92	1	100	209	94
Transfusion related	0	0	1	1	0	0	0	0	1	0
Confirmed other	1	17	1	1	0	0	0	0	2	1
Pediatric other/ Undetermined	0	0	9	5	2	8	0	0	11	5
Total	6	100	190	100	26	100	1	100	223	100

Note: Percentages may not add up to 100% due to rounding.

Source of Data: Lorene Maddox, MPH
 Florida Department of Health
 Bureau of HIV/AIDS

**HIV Cases Among Adult and Adolescent Males
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative July 1, 1997 – March 31, 2010**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	502	74	268	27	138	52	15	38	923	47
Injection drug user (IDU)	23	3	51	5	12	5	3	8	89	5
Male to male contact / IDU	28	4	15	2	13	5	2	5	58	3
Hemophiliac	0	0	0	0	0	0	1	3	1	0
Heterosexual contact	45	7	482	49	55	21	12	30	594	30
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	79	12	161	16	45	17	7	18	292	15
All Exposure Categories	677	100	977	100	263	100	40	100	1957	100

**HIV Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative July 1, 1997 – March 31, 2010**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	53	26	44	4	10	8	5	28	112	8
Hemophiliac	1	1	1	0	1	1	0	0	3	0
Heterosexual contact	116	57	816	82	98	77	12	67	1042	78
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	33	16	131	13	19	15	1	5	184	14
All Exposure Categories	203	100	992	100	128	100	18	100	1341	100

Note: Percentages may not add up to 100% due to rounding.

Source of Data: Lorene Maddox, MPH
Florida Department of Health
Bureau of HIV/AIDS

**HIV Cases Among Adult and Adolescent Males
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
January 1 – March 31, 2010**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	4	57	3	38	1	100	0	0	8	50
Injection drug user (IDU)	0	0	0	0	0	0	0	0	0	0
Male to male contact / IDU	0	0	0	0	0	0	0	0	0	0
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	0	0	1	13	0	0	0	0	1	6
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	3	43	4	50	0	0	0	0	7	44
All Exposure Categories	7	100	8	100	1	100	0	0	16	100

**HIV Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
January 1 – March 31, 2010**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	0	0	0	0	0	0	0	0	0	0
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	1	33	2	29	0	0	0	0	3	25
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	2	67	5	71	2	100	0	0	9	75
All Exposure Categories	3	100	7	100	2	100	0	0	12	100

Note: Percentages may not add up to 100% due to rounding.

Source of Data: Lorene Maddox, MPH
Florida Department of Health
Bureau of HIV/AIDS

**Cases of Tuberculosis in Palm Beach County by Race/Ethnicity
Palm Beach County
January 1 – March 31, 2010**

RACE/ETHNICITY	1st QTR 2010	YTD 2010	1st QTR 2009	YTD 2009
WHITE	4	4	2	2
BLACK	12	12	1	1
HISPANIC (also counted in White)	3	3	1	1
OTHER	0	0	2	2
TOTAL	16	16	5	5

**Cases of Tuberculosis by HIV Co-Infection, Site of Disease and Multi-Drug Resistance
Palm Beach County
January 1 – March 31, 2010**

	1st QTR 2010	YTD 2010	1st QTR 2009	YTD 2009
CO-INFECTION	1	1	0	0
PULMONARY	10	10	3	3
EXTRA PULMONARY	5	5	2	2
MULTI-DRUG RESISTANCE	0	0	0	0
BOTH PULMONARY & EXTRA PULMONARY	1	1	0	0

**Cases of Tuberculosis by US Born and Foreign Born
Palm Beach County
January 1 – March 31, 2010**

	1st QTR 2010	YTD 2010	1st QTR 2009	YTD 2009
US BORN	7	7	1	1
FOREIGN BORN	9	9	4	4
TOTAL	16	16	5	5

Source of Data: Palm Beach County Health Department
Division of Communicable Diseases
TB Control Program

**Cases of Sexually Transmitted Diseases by Sex
Palm Beach County, Florida
January 1 – March 31, 2010**

	Males	Females	Total	Percent
Primary Syphilis	1	0	1	1
Secondary Syphilis	9	2	11	18
Total Infectious Syphilis	10	2	12	
Early Latent Syphilis	17	2	19	32
Late Latent Syphilis	8	14	22	37
Syphilis of Unknown Duration	6	1	7	12
Congenital Syphilis	0	0	0	0
Total Syphilis	41	19	60	100
Gonorrhea	109	116	225	
Chlamydia	254	646	900	

Note: Percentages may not add up to 100% due to rounding.

Source of Data: Palm Beach County Health Department
Division of Communicable Diseases
Sexually Transmitted Disease Program

HIV Testing*
Palm Beach County, Florida
January 1 – March 31, 2010

	1st Quarter 2010	YTD 2010	1st Quarter 2009	YTD 2009
# HIV Tested	4954	4954	4598	4598
# HIV Positive	71	71	73	73
% HIV Positive	1.43	1.43	1.59	1.59

*Clients serviced in the Palm Beach County Health Department only. May not include field visits or counseling and testing conducted in correctional facilities by STD staff.

NA = Not Available

Note: In October 1998, the Bureau of HIV/AIDS began implementing new rules for the assignment and use of site numbers by organizations conducting HIV testing. The definitions of some site number prefixes have been modified or changed to improve data specificity. These changes have produced shifts in the data. For further information, contact Melissa Cox at (850) 245-4336, ext. 2626.

Source of Data: Melissa Cox
 FL Department of Health
 Bureau of HIV/AIDS
 Early Intervention Section