



Palm Beach County Health Department

**Division of Epidemiology & Disease Control
1050 15th Street West
Riviera Beach, FL 33404**

**(561) 840-4566
SC 263-4566**

Disease Surveillance Report

First Quarter - 2006

January 1 - March 31, 2006

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Note: Data indicated is provisional

**Reportable Communicable Diseases and Other Conditions
Palm Beach County, Florida
January 1 – March 31, 2006**

Disease/Condition	Cases During Jan. to Mar. 2006	Cumulative Cases For 2006	Cumulative Cases Same Time Last Year
Invasive Haemophilus influenzae disease	5	5	5
Meningococcal infections	3	3	3
Streptococcus pneumoniae meningitis	3	3	0
Streptococcus pneumoniae-drug resistant-invasive	24	24	27
Encephalitis, St. Louis	0	0	0
Encephalitis, chickenpox	0	0	0
Measles	0	0	0
Mumps	0	0	0
Rubella	0	0	0
Tetanus	0	0	0
Pertussis	2	2	0
Hepatitis A	11	11	2
Hepatitis B, acute	10	10	11
Hepatitis C, acute	0	0	0
Salmonellosis	56	56	51
Shigellosis	12	12	5
Campylobacteriosis	23	23	14
Giardiasis	17	17	13
Cryptosporidiosis	0	0	2
Cyclosporiasis	2	2	1
Typhoid fever	0	0	0
Escherichia coli O157:H7	0	0	2
Vibrio infections	1	1	1
Animal rabies	1	1	6
Human exposure to a potentially rabid animal*	25	25	33
Animal bites/exposure of a human - number reported to Animal Care and Control	570	570	552
Legionellosis	4	4	4
Lead poisoning	4	4	11
Malaria	0	0	2
Dengue fever	0	0	0
Lyme disease	0	0	2
Ciguatera	0	0	1

NA = Not Available

Source: Palm Beach County Health Department
Division of Epidemiology & Disease Control

*Changed by Bureau of Epi, effective June 4, 2000

**Summary of Food Related Complaints and Investigations
Palm Beach County Health Department
Palm Beach County, Florida
January 1 – March 31, 2006**

	FIRST QUARTER 2006	CUMULATIVE 2006	CUMULATIVE NUMBERS SAME TIME PREVIOUS YEAR
NUMBER OF COMPLAINTS	60	60	74
NUMBER OF OUTBREAKS	1	1	3
SUSPECT	1	1	3
CONFIRMED	0	0	0
NUMBER ILL	125	125	243
NUMBER OF ENVIRONMENTAL HEALTH INSPECTIONS	29	29	35

Source: Palm Beach County Health Department
Division of Environmental Health & Engineering

**AIDS Cases Among Adult and Adolescent Males
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative 1980 – March 31, 2006**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	1631	74	781	21	271	46	23	59	2706	41
Injection drug user (IDU)	154	7	509	14	81	14	1	3	745	11
Male to male contact / IDU	148	7	141	4	26	4	3	8	318	5
Hemophiliac	14	1	2	0	4	1	0	0	20	0
Heterosexual contact	89	4	1505	41	122	21	11	28	1727	27
Transfusion related	24	1	11	0	2	0	0	0	37	1
None of the above	148	7	743	20	84	14	1	3	976	15
All Exposure Categories	2208	100	3692	100	590	100	39	100	6529	1009

**AIDS Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative 1980 – March 31, 2006**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	146	35	384	16	36	22	3	15	569	19
Hemophiliac	2	1	2	0	0	0	0	0	4	0
Heterosexual contact	181	44	1575	67	104	63	17	85	1877	63
Transfusion related	17	4	13	1	3	2	0	0	33	1
None of the above	67	16	390	17	23	14	0	0	480	16
All Exposure Categories	413	100	2364	100	166	100	20	100	2963	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, 2006**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	16	76	9	24	4	50	1	100	30	45
Injection drug user (IDU)	0	0	1	3	1	13	0	0	2	3
Male to male contact / IDU	1	5	4	11	0	0	0	0	5	7
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	1	5	17	46	2	25	0	0	20	30
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	3	14	6	16	1	13	0	0	10	15
All Exposure Categories	21	100	37	100	8	100	1	100	67	100

**AIDS Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
January 1 – March 31, 2006**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	1	13	2	5	0	0	0	0	3	6
Hemophiliac	0	0	1	2	0	0	0	0	1	2
Heterosexual contact	3	38	30	73	3	100	0	0	36	69
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	4	50	8	20	0	0	0	0	12	23
All Exposure Categories	8	100	41	100	3	100	0	0	52	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, 2006

Risk Group	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Mother with HIV	6	100	195	99	15	88	0	0	216	99
Pediatric Oth/Undetermined	0	0	1	1	2	12	0	0	3	1
Total	6	100	196	100	17	100	0	0	219	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, 2006**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	344	68	169	20	88	47	5	26	606	39
Injection drug user (IDU)	23	5	45	5	10	5	0	0	78	5
Male to male contact / IDU	16	3	10	1	10	5	0	0	36	2
Hemophiliac	1	0	0	0	0	0	0	0	1	0
Heterosexual contact	36	7	388	47	36	19	6	32	466	30
Transfusion related	0	0	0	0	0	0	1	5	1	0
None of the above	89	18	221	27	42	23	7	39	359	23
All Exposure Categories	509	100	833	100	186	100	19	100	1547	100

**HIV Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative July 1, 1997 – March 31, 2006**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	45	24	39	4	9	10	4	24	97	8
Hemophiliac	1	1	3	0	1	1	0	0	5	0
Heterosexual contact	92	48	626	69	55	60	10	59	783	65
Transfusion related	0	0	1	0	0	0	0	0	1	0
None of the above	52	27	234	26	27	29	3	18	316	26
All Exposure Categories	190	100	903	100	92	100	17	100	1202	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, 2006**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	13	62	8	47	2	25	0	0	23	48
Injection drug user (IDU)	1	5	0	0	1	13	0	0	2	4
Male to male contact / IDU	1	5	0	0	1	13	0	0	2	4
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	0	0	5	29	0	0	0	0	5	10
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	6	29	4	24	4	50	2	100	16	33
All Exposure Categories	21	100	17	100	8	100	2	100	48	100

**HIV Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
January 1 – March 31, 2006**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	1	50	0	0	0	0	0	0	1	4
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	0	0	14	88	4	57	0	0	18	72
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	1	50	2	13	3	43	0	0	6	24
All Exposure Categories	2	100	16	100	7	100	0	0	25	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, 2006**

RACE/ETHNICITY	1st QTR 2006	YTD 2006	1st QTR 2005	YTD 2005
WHITE	5	5	5	5
BLACK	9	9	10	10
HISPANIC	6	6	5	5
OTHER	4	4	0	0
TOTAL	24	24	20	20

**Cases of Tuberculosis by HIV Co-Infection, Site of Disease and Multi-Drug Resistance
Palm Beach County
January 1 – March 31, 2006**

	1st QTR 2006	YTD 2006	1st QTR 2005	YTD 2005
CO-INFECTION	2	2	4	4
PULMONARY	22	22	19	19
EXTRA PULMONARY	2	2	1	1
MULTI-DRUG RESISTANCE	0	0	0	0

**Cases of Tuberculosis by US Born and Foreign Born
Palm Beach County
January 1 – March 31, 2006**

	1st QTR 2006	YTD 2006	1st QTR 2005	YTD 2005
US BORN	9	9	9	9
FOREIGN BORN	15	15	11	11
TOTAL	24	24	20	20

Source of Data: Palm Beach County Health Department
Division of HIV/STD/TB
TB Control Program

**Cases of Sexually Transmitted Diseases by Sex
Palm Beach County, Florida
January 1 – March 31, 2006**

	Males	Females	Total	Percent
Primary Syphilis	0	0	0	0%
Secondary Syphilis	3	1	4	10%
Total Infectious Syphilis	3	1	4	
Early Latent Syphilis	6	2	8	19%
Late Latent Syphilis	20	10	30	71%
Syphilis of Unknown Duration	0	0	0	0%
Congenital Syphilis	0	0	0	0%
Total Syphilis	29	13	42	
Gonorrhea	128	114	242	
Chlamydia	117	500	617	

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

Source of Data: Palm Beach County Health Department
Division of HIV/STD/TB
Sexually Transmitted Disease Program

HIV Testing*
Palm Beach County, Florida
January 1 – March 31, 2006

	1st Quarter 2006	YTD 2006	1st Quarter 2005	YTD 2005
# HIV Tested	4227	4227	3872	3872
# HIV Positive	70	70	93	93
% HIV Positive	1.7%	1.7%	2.4%	2.4%

*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 Melinda Waters at SC 205-4444, ext. 2569.

Source of Data: Melinda Waters
 FL Department of Health
 Bureau of HIV/AIDS
 Early Intervention Section