



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 - 2007

January 1 - March 31, 2007

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Note: Data indicated is provisional

**Reportable Communicable Diseases and Other Conditions
Palm Beach County, Florida
January 1 – March 31, 2007**

Disease/Condition	Cases During Jan to Mar 2007	Cumulative Cases For 2007	Cumulative Cases Same Time Last Year
Invasive Haemophilus influenzae disease	7	7	5
Meningococcal infections	0	0	3
Streptococcus pneumoniae meningitis	2	2	3
Streptococcus pneumoniae-drug resistant-invasive	9	9	24
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	3	3	2
Hepatitis A	4	4	11
Hepatitis B, acute	3	3	10
Hepatitis C, acute	0	0	0
Salmonellosis	63	63	56
Shigellosis	36	36	12
Campylobacteriosis	17	17	23
Giardiasis	14	14	17
Cryptosporidiosis	5	5	0
Cyclosporiasis	3	3	2
Typhoid fever	1	1	0
Escherichia coli O157:H7	1	1	0
Vibrio infections	0	0	1
Animal rabies	0	0	0
Human exposure to a potentially rabid animal*	16	16	25
Animal bites/exposure of a human - number reported to Animal Care and Control	551	551	570
Legionellosis	3	3	4
Lead poisoning	2	2	4
Malaria	0	0	0
Dengue fever	0	0	0
Lyme disease	0	0	0
Ciguatera	0	0	0

NA = Not Available

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

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

**Summary of Food Related Complaints and Investigations
Palm Beach County Health Department
Palm Beach County, Florida
January 1 – March 31, 2007**

	FIRST QUARTER 2007	CUMULATIVE 2007	CUMULATIVE NUMBERS SAME TIME PREVIOUS YEAR
NUMBER OF COMPLAINTS	100	100	60
NUMBER OF OUTBREAKS	1	1	1
SUSPECT	0	0	1
CONFIRMED	1	1	0
NUMBER ILL	161	161	125
NUMBER OF ENVIRONMENTAL HEALTH INSPECTIONS	33	33	29

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, 2007**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	1673	74	815	22	288	46	28	60	2804	42
Injection drug user (IDU)	157	7	524	14	81	13	1	2	763	11
Male to male contact / IDU	150	7	146	4	30	5	3	6	329	5
Hemophiliac	14	1	2	0	4	1	0	0	20	0
Heterosexual contact	94	4	1615	43	144	23	14	30	1867	29
Transfusion related	24	1	11	0	2	0	0	0	37	0
None of the above	139	6	668	18	77	12	1	2	885	13
All Exposure Categories	2251	100	3781	100	626	100	47	100	6705	100

**AIDS Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative 1980 – March 31, 2007**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	153	35	401	16	37	21	4	15	595	19
Hemophiliac	2	1	2	0	0	0	0	0	4	0
Heterosexual contact	205	47	1703	69	116	65	22	82	2046	66
Transfusion related	17	4	13	1	3	2	0	0	33	1
None of the above	57	13	339	14	23	13	1	4	420	14
All Exposure Categories	434	100	2458	100	179	100	27	100	3098	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, 2007**

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	7	33	4	44	0	0	15	41
Injection drug user (IDU)	1	14	1	5	0	0	0	0	2	5
Male to male contact / IDU	0	0	0	0	1	11	0	0	1	3
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	1	14	10	48	3	33	0	0	14	38
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	1	14	3	14	1	11	0	0	5	14
All Exposure Categories	7	100	21	100	9	100	0	0	37	100

**AIDS Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
January 1 – March 31, 2007**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	2	33	2	8	0	0	0	0	4	11
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	3	50	23	85	2	100	0	0	28	80
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	1	17	2	7	0	0	0	0	3	9
All Exposure Categories	6	100	27	100	2	100	0	0	35	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, 2007**

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	16	94	0	0	217	99
Pediatric Oth/Undetermined	0	0	1	1	1	6	0	0	2	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, 2007**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	368	69	187	21	100	49	5	26	660	41
Injection drug user (IDU)	28	5	51	6	11	5	1	5	91	6
Male to male contact / IDU	18	3	12	1	13	6	0	0	43	3
Hemophiliac	1	0	0	0	0	0	0	0	1	0
Heterosexual contact	35	7	427	49	44	22	6	32	512	31
Transfusion related	0	0	0	0	0	0	1	5	1	0
None of the above	83	16	195	22	37	18	6	32	321	20
All Exposure Categories	533	100	872	100	205	100	19	100	1629	100

**HIV Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative July 1, 1997 – March 31, 2007**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	47	24	44	5	10	10	5	25	106	9
Hemophiliac	1	1	3	0	1	1	0	0	5	0
Heterosexual contact	105	54	678	74	68	66	12	60	863	70
Transfusion related	0	0	1	0	0	0	0	0	1	0
None of the above	41	21	191	21	24	23	3	15	259	21
All Exposure Categories	194	100	917	100	103	100	20	100	1234	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, 2007**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	7	64	7	28	4	67	0	0	18	43
Injection drug user (IDU)	1	9	2	8	0	0	0	0	3	7
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	6	24	2	33	0	0	8	19
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	3	27	10	40	0	0	0	0	13	31
All Exposure Categories	11	100	25	100	6	100	0	0	42	100

**HIV Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
January 1 – March 31, 2007**

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	1	5	0	0	0	0	1	4
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	4	100	12	63	2	50	0	0	18	67
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	0	0	6	32	2	50	0	0	8	30
All Exposure Categories	4	100	19	100	4	100	0	0	27	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, 2007**

RACE/ETHNICITY	1st QTR 2007	YTD 2007	1st QTR 2006	YTD 2006
WHITE	15	15	11	11
BLACK	0	0	9	9
HISPANIC	5	5	6	6
OTHER	0	0	4	4
TOTAL	15	15	24	24

**Cases of Tuberculosis by HIV Co-Infection, Site of Disease and Multi-Drug Resistance
Palm Beach County
January 1 – March 31, 2007**

	1st QTR 2007	YTD 2007	1st QTR 2006	YTD 2006
CO-INFECTION	2	2	2	2
PULMONARY	13	13	20	20
EXTRA PULMONARY	2	2	4	4
MULTI-DRUG RESISTANCE	0	0	0	0

**Cases of Tuberculosis by US Born and Foreign Born
Palm Beach County
January 1 – March 31, 2007**

	1st QTR 2007	YTD 2007	1st QTR 2006	YTD 2006
US BORN	5	5	9	9
FOREIGN BORN	10	10	15	15
TOTAL	15	15	24	24

Note: Current figures were obtained from TIMS, the Bureau of TB and Refugee Health reporting system. This has produced shifts in the data. For further information, contact Dawn Barmore at 561-804-7922.

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, 2007**

	Males	Females	Total	Percent
Primary Syphilis	1	0	1	4
Secondary Syphilis	1	0	1	4
Total Infectious Syphilis	2	0	2	
Early Latent Syphilis	5	1	6	21
Late Latent Syphilis	1	1	2	7
Syphilis of Unknown Duration	10	8	18	64
Congenital Syphilis	0	0	0	0
Total Syphilis	18	10	28	100
Gonorrhea	90	87	177	
Chlamydia	77	297	374	

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, 2007

	1st Quarter 2007	YTD 2007	1st Quarter 2006	YTD 2006
# HIV Tested	5007	5007	4227	4227
# HIV Positive	68	68	70	70
% HIV Positive	1.4	1.4	1.7	1.7

*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