



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

Third Quarter - 2006

July 1 - September 30, 2006

**Send inquiries or corrections to: Denise Pagán, Human Services Program Consultant I
Phone: (561) 840-4566 Fax: (561) 845-4496 E-mail: DeniseA_Pagan@doh.state.fl.us**

Note: Data indicated is provisional

Reportable Communicable Diseases and Other Conditions
Palm Beach County, Florida
July 1 – September 30, 2006

Disease/Condition	Cases During July to Sept 2006	Cumulative Cases For 2006	Cumulative Cases Same Time Last Year
Invasive Haemophilus influenzae disease	0	15	12
Meningococcal infections	0	4	4
Streptococcus pneumoniae meningitis	0	3	2
Streptococcus pneumoniae-drug resistant-invasive	9	45	44
Encephalitis, St. Louis	0	0	0
Encephalitis, chickenpox	0	0	0
Measles	0	0	0
Mumps	1	1	1
Rubella	0	0	0
Tetanus	0	0	0
Pertussis	5	8	7
Hepatitis A	15	32	7
Hepatitis B, acute	7	23	37
Hepatitis C, acute	0	0	1
Salmonellosis	113	238	246
Shigellosis	12	32	43
Campylobacteriosis	18	69	47
Giardiasis	27	57	48
Cryptosporidiosis	8	13	15
Cyclosporiasis	4	9	28
Typhoid fever	0	1	2
Escherichia coli O157:H7	0	0	5
Vibrio infections	3	6	6
Animal rabies	2	6	9
Human exposure to a potentially rabid animal*	25	75	76
Animal bites/exposure of a human - number reported to Animal Care and Control	493	1695	1711
Legionellosis	11	19	16
Lead poisoning	5	19	24
Malaria	3	4	5
Dengue fever	1	1	3
Lyme disease	2	2	5
Ciguatera	3	3	2

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
July 1 – September 30, 2006**

	THIRD QUARTER 2006	CUMULATIVE 2006	CUMULATIVE NUMBERS SAME TIME PREVIOUS YEAR
NUMBER OF COMPLAINTS	59	181	172
NUMBER OF OUTBREAKS	2	8	6
SUSPECT	2	7	6
CONFIRMED	0	1	0
NUMBER ILL	112	649	452
NUMBER OF ENVIRONMENTAL HEALTH INSPECTIONS	24	83	69

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 – September 30, 2006**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	1661	74	801	21	275	46	27	61	2764	42
Injection drug user (IDU)	156	7	519	14	81	13	1	2	757	11
Male to male contact / IDU	150	7	143	4	27	4	3	7	323	5
Hemophiliac	14	1	2	0	4	1	0	0	20	0
Heterosexual contact	90	4	1566	42	131	22	12	27	1799	27
Transfusion related	24	1	11	0	2	0	0	0	37	1
None of the above	145	6	696	19	82	14	1	2	924	14
All Exposure Categories	2240	100	3738	100	602	100	44	1	6624	100

**AIDS Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative 1980 – September 30, 2006**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	148	35	391	16	37	22	4	15	580	19
Hemophiliac	2	0	2	0	0	0	0	0	4	0
Heterosexual contact	192	46	1651	68	111	65	22	81	1976	65
Transfusion related	17	4	13	1	3	2	0	0	33	1
None of the above	61	15	357	15	21	12	1	4	440	15
All Exposure Categories	420	100	2414	100	172	100	27	100	3033	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
July 1 – September 30, 2006**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	18	75	7	23	2	25	0	0	27	42
Injection drug user (IDU)	1	4	6	19	0	0	0	0	7	11
Male to male contact / IDU	1	4	0	0	0	0	0	0	1	2
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	2	8	16	52	5	63	1	100	24	38
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	2	8	2	6	1	12	0	0	5	8
All Exposure Categories	24	100	31	100	8	100	1	100	64	100

**AIDS Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
July 1 – September 30, 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	20	1	4	0	0	0	0	2	6
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	4	80	20	83	4	100	0	0	28	85
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	0	0	3	13	0	0	0	0	3	9
All Exposure Categories	5	100	24	100	4	100	0	0	33	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 – September 30, 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	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 – September 30, 2006**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	358	69	182	21	96	48	5	26	641	40
Injection drug user (IDU)	27	5	47	6	12	6	1	5	87	5
Male to male contact / IDU	17	3	12	1	11	6	0	0	40	3
Hemophiliac	1	0	0	0	0	0	0	0	1	0
Heterosexual contact	37	7	424	49	40	20	6	32	507	32
Transfusion related	0	0	0	0	0	0	1	5	1	0
None of the above	83	16	194	23	40	20	6	32	323	20
All Exposure Categories	523	100	859	100	199	100	19	100	1600	100

**HIV Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative July 1, 1997 – September 30, 2006**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	46	24	45	5	11	11	5	26	107	9
Hemophiliac	1	1	3	0	1	1	0	0	5	0
Heterosexual contact	100	52	666	73	63	64	11	58	840	69
Transfusion related	0	0	1	0	0	0	0	0	1	0
None of the above	45	23	203	22	23	24	3	16	274	22
All Exposure Categories	192	100	918	100	98	100	19	100	1227	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
July 1 – September 30, 2006**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	18	75	7	23	2	25	0	0	27	42
Injection drug user (IDU)	1	4	6	19	0	0	0	0	7	11
Male to male contact / IDU	1	4	0	0	0	0	0	0	1	2
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	2	8	16	52	5	63	1	100	24	38
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	2	8	2	6	1	13	0	0	5	8
All Exposure Categories	24	100	31	100	8	100	1	100	64	100

**HIV Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
July 1 – September 30, 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	20	1	4	0	0	0	0	2	6
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	4	80	20	83	4	100	0	0	28	85
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	0	0	3	13	0	0	0	0	3	9
All Exposure Categories	5	100	24	100	4	100	0	0	33	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
July 1 – September 30, 2006**

RACE/ETHNICITY	3rd QTR 2006	YTD 2006	3rd QTR 2005	YTD 2005
WHITE	10	27	10	20
BLACK	4	21	15	35
HISPANIC	9	20	5	15
OTHER	0	5	1	6
TOTAL	14	53	26	61

**Cases of Tuberculosis by HIV Co-Infection, Site of Disease and Multi-Drug Resistance
Palm Beach County
July 1 – September 30, 2006**

	3rd QTR 2006	YTD 2006	3rd QTR 2005	YTD 2005
CO-INFECTED	1	10	4	13
PULMONARY	12	43	20	47
EXTRA PULMONARY	2	10	6	13
MULTI-DRUG RESISTANCE	0	0	0	0

**Cases of Tuberculosis by US Born and Foreign Born
Palm Beach County
July 1 – September 30, 2006**

	3rd QTR 2006	YTD 2006	3rd QTR 2005	YTD 2005
US BORN	4	22	10	15
FOREIGN BORN	10	31	16	46
TOTAL	14	53	26	61

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
July 1 – September 30, 2006**

	Males	Females	Total	Percent
Primary Syphilis	1	0	1	5
Secondary Syphilis	4	0	4	19
Total Infectious Syphilis	5	0	5	
Early Latent Syphilis	5	2	7	33
Late Latent Syphilis	4	3	7	33
Syphilis of Unknown Duration	0	2	2	10
Congenital Syphilis	0	0	0	0
Total Syphilis	14	7	21	
Gonorrhea	116	108	224	
Chlamydia	68	382	450	

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
July 1 – September 30, 2006

	3rd Quarter 2006	YTD 2006	3rd Quarter 2005	YTD 2005
# HIV Tested	3763	12032	4495	12435
# HIV Positive	71	212	98	275
% HIV Positive	1.9	1.8	2.2	2.2

*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