



Palm Beach County Health Department

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

(561) 840-4566

Disease Surveillance Report

Third Quarter - 2007

July 1 - September 30, 2007

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Note: Data indicated is provisional

**Reportable Communicable Diseases and Other Conditions
Palm Beach County, Florida
July 1 – September 30, 2007**

Disease/Condition	Cases During July to Sept 2007	Cumulative Cases For 2007	Cumulative Cases Same Time Last Year
Invasive Haemophilus influenzae disease	3	17	15
Meningococcal infections	0	0	4
Streptococcus pneumoniae meningitis	1	3	3
Streptococcus pneumoniae-drug resistant-invasive	10	24	45
Encephalitis, St. Louis	0	0	0
Encephalitis, chickenpox	0	0	0
Measles	0	0	0
Mumps	0	0	1
Rubella	0	0	0
Tetanus	0	0	0
Pertussis	1	10	8
Hepatitis A	4	9	32
Hepatitis B, acute	7	13	23
Hepatitis C, acute	0	0	0
Salmonellosis	99	227	238
Shigellosis	24	89	32
Campylobacteriosis	16	55	69
Giardiasis	21	52	57
Cryptosporidiosis	25	32	13
Cyclosporiasis	4	10	9
Typhoid fever	0	1	1
Escherichia coli O157:H7	1	3	0
Vibrio infections	4	5	6
Animal rabies	1	2	5
Human exposure to a potentially rabid animal*	25	51	75
Animal bites/exposure of a human - number reported to Animal Care and Control	556	1690	1695
Legionellosis	10	13	19
Lead poisoning	9	13	19
Malaria	3	4	4
Dengue fever	2	3	1
Lyme disease	5	5	2
Ciguatera	11	11	3

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 and Water Related Complaints and Investigations
Palm Beach County Health Department
Palm Beach County, Florida
July 1 – September 30, 2007**

	THIRD QUARTER 2007	CUMULATIVE 2007	CUMULATIVE NUMBERS SAME TIME PREVIOUS YEAR
NUMBER OF COMPLAINTS	46	210	181
NUMBER OF OUTBREAKS	8	9	8
SUSPECT	4	4	7
CONFIRMED	4	5	1
NUMBER ILL	64	355	649
NUMBER OF ENVIRONMENTAL HEALTH INSPECTIONS	22	72	83

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, 2007**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	1685	74	829	22	293	46	29	58	2836	43
Injection drug user (IDU)	159	7	531	14	83	13	1	2	774	11
Male to male contact / IDU	154	7	149	4	33	5	3	6	339	5
Hemophiliac	14	1	2	0	4	1	0	0	20	0
Heterosexual contact	94	4	1653	43	153	24	16	32	1916	28
Transfusion related	23	1	10	0	1	0	0	0	34	0
None of the above	140	6	644	17	74	12	1	2	859	13
All Exposure Categories	2269	100	3818	100	641	100	50	100	6778	100

**AIDS Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative 1980 – September 30, 2007**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	157	35	404	16	38	21	6	17	605	19
Hemophiliac	2	0	2	0	0	0	0	0	4	0
Heterosexual contact	211	48	1744	70	121	66	27	77	2103	67
Transfusion related	17	4	12	1	3	2	0	0	32	1
None of the above	57	13	324	13	22	12	2	6	405	13
All Exposure Categories	444	100	2486	100	184	100	35	100	3149	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, 2007**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	9	60	5	35	1	33	0	0	15	43
Injection drug user (IDU)	1	7	0	0	0	0	0	0	1	3
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	1	7	10	53	2	67	0	0	13	37
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	4	27	2	12	0	0	0	0	6	17
All Exposure Categories	15	100	17	100	3	100	0	0	35	100

**AIDS Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
July 1 – September 30, 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	40	1	10	0	0	0	0	3	15
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	3	60	6	60	3	100	1	50	13	65
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	0	0	3	30	0	0	1	50	4	20
All Exposure Categories	5	100	10	100	3	100	2	100	20	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, 2007

Risk Group	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Mother with HIV	6	86	195	99	16	94	0	0	217	98
Pediatric Oth/Undetermined	1	14	2	1	1	6	0	0	4	2
Total	7	100	197	100	17	100	0	0	221	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, 2007**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	400	71	197	22	110	50	7	29	714	42
Injection drug user (IDU)	29	5	53	6	11	5	2	8	95	6
Male to male contact / IDU	20	4	13	1	14	6	0	0	47	3
Hemophiliac	1	0	0	0	0	0	0	0	1	0
Heterosexual contact	37	7	440	50	46	21	8	33	531	31
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	75	13	182	21	41	18	7	29	305	18
All Exposure Categories	562	100	885	100	222	100	24	100	1693	100

**HIV Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative July 1, 1997 – September 30, 2007**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	53	27	47	5	10	9	5	25	115	9
Hemophiliac	1	1	3	0	1	1	0	0	5	0
Heterosexual contact	101	52	703	75	77	69	11	55	892	71
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	38	20	180	19	23	21	4	20	245	20
All Exposure Categories	193	100	933	100	111	100	20	100	1257	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, 2007**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	21	78	9	35	4	44	0	0	34	54
Injection drug user (IDU)	0	0	0	0	0	0	1	100	1	1
Male to male contact / IDU	1	4	0	0	0	0	0	0	1	1
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	0	0	5	19	1	11	0	0	6	10
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	5	18	12	46	4	44	0	0	21	33
All Exposure Categories	27	100	26	100	9	100	1	100	63	100

**HIV Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
July 1 – September 30, 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	0	0	0	0	0	0	2	7
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	3	50	10	59	2	67	0	0	15	56
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	1	17	7	41	1	33	1	100	10	37
All Exposure Categories	6	100	17	100	3	100	1	100	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
July 1 – September 30, 2007**

RACE/ETHNICITY	3rd QTR 2007	YTD 2007	3rd QTR 2006	YTD 2006
WHITE	10	34	11	28
BLACK	5	15	8	26
HISPANIC (considered white)	7	27	9	20
OTHER	2	4	0	5
TOTAL	17	53	19	59

**Cases of Tuberculosis by HIV Co-Infection, Site of Disease and Multi-Drug Resistance
Palm Beach County
July 1 – September 30, 2007**

	3rdQTR 2007	YTD 2007	3rd QTR 2006	YTD 2006
CO-INFECTION	0	6	4	11
PULMONARY	16	48	17	49
EXTRA PULMONARY	3	5	2	10
MULTI-DRUG RESISTANCE	0	53	0	0

**Cases of Tuberculosis by US Born and Foreign Born
Palm Beach County
July 1 – September 30, 2007**

	3rd QTR 2007	YTD 2007	3rd QTR 2006	YTD 2006
US BORN	7	22	5	24
FOREIGN BORN	10	31	14	35
TOTAL	17	53	19	59

Note: Two (2) cases were reported in 2007 but will be counted for 2006 (reason for discrepancy in totals). For further information, please 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, 2007**

	Males	Females	Total	Percent
Primary Syphilis	5	0	5	8
Secondary Syphilis	5	2	7	11
Total Infectious Syphilis	10	2	12	
Early Latent Syphilis	11	3	14	23
Late Latent Syphilis	16	13	29	47
Syphilis of Unknown Duration	1	6	7	11
Congenital Syphilis	0	0	0	0
Total Syphilis	38	24	62	100
Gonorrhea	110	113	223	
Chlamydia	159	559	718	

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, 2007

	3rd Quarter 2007	YTD 2007	3rd Quarter 2006	YTD 2006
# HIV Tested	7544	16100	3763	12032
# HIV Positive	95	215	71	212
% HIV Positive	1.3	1.3	1.9	1.8

*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 SC 205-4444, ext. 2626.

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