



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

Second Quarter - 2007

April 1 - June 30, 2007

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Note: Data indicated is provisional

Reportable Communicable Diseases and Other Conditions
Palm Beach County, Florida
April 1 – June 30, 2007

Disease/Condition	Cases During April to June 2007	Cumulative Cases For 2007	Cumulative Cases Same Time Last Year
Invasive Haemophilus influenzae disease	7	14	14
Meningococcal infections	0	0	4
Streptococcus pneumoniae meningitis	0	2	2
Streptococcus pneumoniae-drug resistant-invasive	5	14	36
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	6	9	3
Hepatitis A	1	5	17
Hepatitis B, acute	3	6	16
Hepatitis C, acute	0	0	0
Salmonellosis	65	128	125
Shigellosis	29	65	20
Campylobacteriosis	22	39	51
Giardiasis	17	31	30
Cryptosporidiosis	2	7	5
Cyclosporiasis	3	6	5
Typhoid fever	0	1	1
Escherichia coli O157:H7	1	2	0
Vibrio infections	1	1	3
Animal rabies	1	1	3
Human exposure to a potentially rabid animal*	10	26	50
Animal bites/exposure of a human - number reported to Animal Care and Control	585	1136	1202
Legionellosis	0	3	8
Lead poisoning	2	4	14
Malaria	1	1	1
Dengue fever	1	1	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
April 1 – June 30, 2007**

	SECOND QUARTER 2007	CUMULATIVE 2007	CUMULATIVE NUMBERS SAME TIME PREVIOUS YEAR
NUMBER OF COMPLAINTS	64	164	122
NUMBER OF OUTBREAKS	0	1	6
SUSPECT	0	0	5
CONFIRMED	0	1	1
NUMBER ILL	130	291	537
NUMBER OF ENVIRONMENTAL HEALTH INSPECTIONS	17	50	59

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 – June 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	1680	74	825	22	290	46	28	60	2823	42
Injection drug user (IDU)	159	7	526	14	80	13	1	2	766	11
Male to male contact / IDU	151	7	146	4	32	5	3	6	332	5
Hemophiliac	14	1	2	0	4	1	0	0	20	0
Heterosexual contact	94	4	1636	43	150	24	14	30	1894	28
Transfusion related	24	1	11	0	2	0	0	0	37	1
None of the above	139	6	660	17	74	11	1	2	874	13
All Exposure Categories	2261	100	3806	100	632	100	47	100	6746	100

**AIDS Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative 1980 – June 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)	155	35	401	16	38	21	4	14	598	19
Hemophiliac	2	0	2	0	0	0	0	0	4	0
Heterosexual contact	212	48	1727	70	118	65	23	82	2080	66
Transfusion related	17	4	13	0	3	2	0	0	33	1
None of the above	58	13	336	14	22	12	1	4	414	13
All Exposure Categories	444	100	2479	100	181	100	28	100	3132	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
April 1 – June 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	82	9	31	3	60	0	0	21	47
Injection drug user (IDU)	2	18	1	3	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	18	62	2	40	0	0	20	44
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	0	0	1	3	0	0	0	0	1	2
All Exposure Categories	11	100	29	100	5	100	0	0	45	100

**AIDS Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
April 1 – June 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	20	0	0	1	34	0	0	3	8
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	7	70	17	74	2	67	1	100	27	73
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	1	10	6	26	0	0	0	0	7	19
All Exposure Categories	10	100	23	100	3	100	1	100	37	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 – June 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 – June 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	379	70	191	22	106	49	5	24	681	41
Injection drug user (IDU)	29	5	55	6	11	5	1	5	96	6
Male to male contact / IDU	19	3	13	1	14	7	0	0	46	3
Hemophiliac	1	0	0	0	0	0	0	0	1	0
Heterosexual contact	36	7	442	50	46	21	7	33	531	32
Transfusion related	0	0	0	0	0	0	1	5	1	0
None of the above	80	15	181	21	39	18	7	33	307	18
All Exposure Categories	544	100	882	100	216	100	21	100	1663	100

**HIV Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative July 1, 1997 – June 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)	52	27	49	5	10	9	5	25	116	9
Hemophiliac	1	0	3	0	1	1	0	0	5	0
Heterosexual contact	100	52	687	74	73	67	12	60	872	70
Transfusion related	0	0	1	0	0	0	0	0	1	0
None of the above	40	21	193	21	25	23	3	15	261	21
All Exposure Categories	193	100	933	100	109	100	20	100	1255	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
April 1 – June 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	13	76	8	31	6	50	0	0	27	47
Injection drug user (IDU)	1	6	1	4	0	0	0	0	2	4
Male to male contact / IDU	1	6	1	4	1	8	0	0	3	5
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	0	0	13	50	2	17	1	50	16	28
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	2	12	3	11	3	25	1	50	9	16
All Exposure Categories	17	100	26	100	12	100	2	100	57	100

**HIV Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
April 1 – June 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)	5	56	2	8	0	0	0	0	7	17
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	3	33	14	54	2	29	0	0	19	45
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	1	11	10	38	5	71	0	0	16	38
All Exposure Categories	9	100	26	100	7	100	0	0	42	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
April 1 – June 30, 2007**

RACE/ETHNICITY	2nd QTR 2007	YTD 2007	2nd QTR 2006	YTD 2006
WHITE	13	24	7	17
BLACK	10	10	10	18
HISPANIC	10	20	5	11
OTHER	0	2	1	5
TOTAL	23	36	18	40

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

	2nd QTR 2007	YTD 2007	2nd QTR 2006	YTD 2006
CO-INFECTION	4	6	5	7
PULMONARY	22	33	14	32
EXTRA PULMONARY	1	3	4	8
MULTI-DRUG RESISTANCE	0	0	0	0

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

	2nd QTR 2007	YTD 2007	2nd QTR 2006	YTD 2006
US BORN	10	15	10	19
FOREIGN BORN	13	21	8	21
TOTAL	23	36	18	40

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
April 1 – June 30, 2007**

	Males	Females	Total	Percent
Primary Syphilis	0	0	0	0
Secondary Syphilis	3	2	5	11
Total Infectious Syphilis	3	2	5	
Early Latent Syphilis	7	2	9	20
Late Latent Syphilis	14	6	20	43
Syphilis of Unknown Duration	11	1	12	26
Congenital Syphilis	0	0	0	0
Total Syphilis	35	11	46	100
Gonorrhea	113	125	238	
Chlamydia	122	513	635	

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
April 1 – June 30, 2007

	2nd Quarter 2007	YTD 2007	2nd Quarter 2006	YTD 2006
# HIV Tested	5525	10538	4043	8270
# HIV Positive	72	140	71	141
% HIV Positive	1.3	1.3	1.8	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