



Palm Beach County Health Department

**Epidemiology & Disease Control Program
800 Clematis Street – 2nd floor
West Palm Beach, FL 33401**

(561) 671-4184

Disease Surveillance Report

Second Quarter - 2009

April 1 – June 30, 2009

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Note: Data indicated is provisional

**Reportable Communicable Diseases and Other Conditions
Palm Beach County, Florida
April 1 – June 30, 2009**

Disease/Condition	Cases During April to June 2009	Cumulative Cases For 2009	Cumulative Cases Same Time Last Year
Invasive Haemophilus influenzae disease	7	14	12
Meningococcal infections	2	4	2
Meningitis, bacterial, cryptococcal, mycotic*	2	4	3
Streptococcus pneumoniae-drug resistant-invasive	13	29	25
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	6	11	3
Hepatitis A	5	7	6
Hepatitis B, acute	3	8	7
Hepatitis C, acute	0	0	0
Salmonellosis	91	158	154
Shigellosis	7	8	42
Campylobacteriosis	18	38	44
Giardiasis	31	67	45
Cryptosporidiosis	2	10	19
Cyclosporiasis	1	1	9
Typhoid fever	0	0	1
Escherichia coli, shiga toxin producing*	2	2	5
Vibrio infections	0	2	1
Animal rabies	0	0	1
Rabies, possible exposure*	22	44	47
Animal bites/exposure of a human - number reported to Animal Care and Control	568	1094	1040
Legionellosis	4	6	12
Lead poisoning	11	15	39
Malaria	4	7	2
Dengue fever	0	0	2
Lyme disease	1	3	1
Ciguatera	0	0	0

***per new surveillance case definitions effective 08/06/08**

Source: Palm Beach County Health Department
Epidemiology & Disease Control Program

**Summary of Food and Water Related Complaints and Investigations
Palm Beach County Health Department
Palm Beach County, Florida
April 1 – June 30, 2009**

	SECOND QUARTER 2009	CUMULATIVE 2009	CUMULATIVE NUMBERS SAME TIME PREVIOUS YEAR
NUMBER OF COMPLAINTS	50	137	137
NUMBER OF OUTBREAKS	0	3	7
SUSPECT	0	2	4
CONFIRMED	0	1	3
NUMBER ILL	72	418	360
NUMBER OF ENVIRONMENTAL HEALTH INSPECTIONS	17	59	55

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, 2009**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	1733	75	857	22	334	46	46	54	2970	42
Injection drug user (IDU)	154	7	509	13	95	13	8	9	766	11
Male to male contact / IDU	156	7	140	4	33	5	5	6	334	5
Hemophiliac	13	1	1	0	3	1	1	1	18	0
Heterosexual contact	98	4	1783	45	176	24	18	21	2075	30
Transfusion related	22	1	9	0	1	0	1	1	33	0
None of the above	125	5	628	16	79	11	7	8	839	12
All Exposure Categories	2301	100	3927	100	721	100	86	100	7035	100

**AIDS Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative 1980 – June 30, 2009**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	164	36	407	16	46	22	9	21	626	19
Hemophiliac	2	0	4	0	0	0	0	0	6	0
Heterosexual contact	224	49	1888	72	142	67	30	71	2284	68
Transfusion related	17	4	13	0	3	1	0	0	33	0
None of the above	50	11	316	12	22	10	3	7	391	12
All Exposure Categories	457	100	2628	100	213	100	42	100	3340	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, 2009**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	14	82	7	24	3	43	1	50	25	46
Injection drug user (IDU)	0	0	1	3	0	0	1	50	2	4
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	13	45	3	43	0	0	16	29
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	3	18	8	28	1	14	0	0	12	22
All Exposure Categories	17	100	29	100	7	100	2	100	55	100

**AIDS Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
April 1 – June 30, 2009**

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	2	100	16	73	3	100	0	0	21	78
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	0	0	5	23	0	0	0	0	5	19
All Exposure Categories	2	100	22	100	3	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

**Pediatric AIDS Cases
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative 1980 – June 30, 2009**

Risk Group	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Mother with HIV/ HIV Risk	5	83	179	94	24	92	1	100	29	94
Transfusion related	0	0	1	1	0	0	0	0	1	0
Confirmed other	1	17	1	1	0	0	0	0	2	1
Pediatric other/ Undetermined	0	0	9	5	2	8	0	0	11	5
Total	6	100	190	100	26	100	1	100	223	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, 2009**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	486	73	243	25	131	51	13	33	873	46
Injection drug user (IDU)	25	4	53	6	10	4	3	7	91	5
Male to male contact / IDU	29	4	14	1	14	6	2	5	59	3
Hemophiliac	0	0	0	0	0	0	1	3	1	0
Heterosexual contact	41	6	468	49	57	22	11	28	577	30
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	82	12	181	19	43	17	9	23	315	16
All Exposure Categories	663	100	959	100	255	100	39	100	1916	100

**HIV Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative July 1, 1997 – June 30, 2009**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	55	26	46	5	12	9	4	21	117	9
Hemophiliac	1	1	1	0	1	1	0	0	3	0
Heterosexual contact	118	57	795	80	99	77	13	68	1025	76
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	34	16	150	15	17	13	2	11	203	15
All Exposure Categories	208	100	992	100	129	100	19	100	1348	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, 2009**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	15	94	7	18	7	58	1	100	30	44
Injection drug user (IDU)	0	0	1	3	0	0	0	0	1	2
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	13	33	2	17	0	0	15	22
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	1	6	18	46	3	25	0	0	22	32
All Exposure Categories	16	100	39	100	12	100	1	100	68	100

**HIV Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
April 1 – June 30, 2009**

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	0	0	0	0	0	0	0	0
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	5	71	17	61	4	80	0	0	26	65
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	2	29	11	39	1	20	0	0	14	35
All Exposure Categories	7	100	28	100	5	100	0	0	40	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, 2009**

RACE/ETHNICITY	2nd QTR 2009	YTD 2009	2nd QTR 2008	YTD 2008
WHITE	13	15	10	21
BLACK	9	10	9	15
HISPANIC (also counted in White)	9	10	5	13
OTHER	2	4	2	3
TOTAL	24	29	21	39

**Cases of Tuberculosis by HIV Co-Infection, Site of Disease and Multi-Drug Resistance
Palm Beach County
April 1 – June 30, 2009**

	2nd QTR 2009	YTD 2009	2nd QTR 2008	YTD 2008
CO-INFECTION	4	4	4	7
PULMONARY	21	24	18	34
EXTRA PULMONARY	3	5	1	2
MULTI-DRUG RESISTANCE	0	0	0	0
BOTH PULMONARY & EXTRA PULMONARY	0	0	2	3

**Cases of Tuberculosis by US Born and Foreign Born
Palm Beach County
April 1 – June 30, 2009**

	2nd QTR 2009	YTD 2009	2nd QTR 2008	YTD 2008
US BORN	11	12	6	14
FOREIGN BORN	13	17	15	25
TOTAL	24	29	21	39

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, 2009**

	Males	Females	Total	Percent
Primary Syphilis	0	0	0	0
Secondary Syphilis	2	2	4	8
Total Infectious Syphilis	2	2	4	
Early Latent Syphilis	19	6	25	48
Late Latent Syphilis	11	12	23	44
Syphilis of Unknown Duration	0	0	0	0
Congenital Syphilis	0	0	0	0
Total Syphilis	32	20	52	100
Gonorrhea	125	120	245	
Chlamydia	303	750	1053	

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, 2009

	2nd Quarter 2009	YTD 2009	2nd Quarter 2008	YTD 2008
# HIV Tested	5,196	10,345	5,617	11,029
# HIV Positive	50	124	75	155
% HIV Positive	0.96	1.20	1.34	1.41

*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 January 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 (850) 245-4336, ext. 2626.

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