



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

Third Quarter - 2009

July 1 – September 30, 2009

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Note: Data indicated is provisional

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

Disease/Condition	Cases During July to Sept 2009	Cumulative Cases For 2009	Cumulative Cases Same Time Last Year
Invasive Haemophilus influenzae disease	4	18	15
Meningococcal infections	1	4	3
Meningitis, bacterial, cryptococcal, mycotic*	7	11	11
Streptococcus pneumoniae-drug resistant-invasive	7	36	34
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	2	13	4
Hepatitis A	3	10	14
Hepatitis B, acute	4	12	13
Hepatitis C, acute	0	0	1
Salmonellosis	127	285	239
Shigellosis	14	22	64
Campylobacteriosis	19	57	71
Giardiasis	24	91	73
Cryptosporidiosis	14	24	30
Cyclosporiasis	1	2	12
Typhoid fever	1	1	4
Escherichia coli, shiga toxin producing*	6	8	12
Vibrio infections	4	6	2
Animal rabies	3	3	3
Rabies, possible exposure*	33	77	87
Animal bites/exposure of a human - number reported to Animal Care and Control	567	1661	1613
Legionellosis	4	10	16
Lead poisoning	14	29	49
Malaria	1	8	4
Dengue fever	0	0	3
Lyme disease	6	9	4
Ciguatera	0	0	11

***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
July 1 – September 30, 2009**

	THIRD QUARTER 2009	CUMULATIVE 2009	CUMULATIVE NUMBERS SAME TIME PREVIOUS YEAR
NUMBER OF COMPLAINTS	18	155	191
NUMBER OF OUTBREAKS	1	4	13
SUSPECT	1	3	6
CONFIRMED	0	1	7
NUMBER ILL	28	446	436
NUMBER OF ENVIRONMENTAL HEALTH INSPECTIONS	6	65	73

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, 2009**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	1746	75	863	22	337	46	46	52	2992	42
Injection drug user (IDU)	154	7	512	13	96	13	8	9	770	11
Male to male contact / IDU	157	7	141	4	33	5	5	6	336	5
Hemophiliac	13	1	1	0	3	0	1	1	18	0
Heterosexual contact	98	4	1798	45	178	24	20	23	2094	30
Transfusion related	22	1	9	0	1	0	1	1	33	0
None of the above	125	5	629	16	83	11	7	8	844	12
All Exposure Categories	2315	100	3953	100	731	100	88	100	7087	100

**AIDS Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative 1980 – September 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)	169	36	409	15	46	21	9	20	633	19
Hemophiliac	2	0	4	0	0	0	0	0	6	0
Heterosexual contact	228	49	1914	72	145	67	32	71	2319	69
Transfusion related	17	4	13	1	3	1	0	0	33	1
None of the above	48	10	317	12	23	11	4	9	392	12
All Exposure Categories	464	100	2657	100	217	100	45	100	3383	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, 2009**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	0	0	0	0	0	0	0	0	0	0
Injection drug user (IDU)	3	33	2	7	0	0	0	0	5	12
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	6	67	20	67	2	100	1	50	29	67
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	0	0	8	27	0	0	1	50	9	21
All Exposure Categories	9	100	30	100	2	100	2	100	43	100

**AIDS Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
July 1 – September 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)	3	33	2	7	0	0	0	0	5	12
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	6	67	20	67	2	100	1	50	29	67
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	0	0	8	27	0	0	1	50	9	21
All Exposure Categories	9	100	30	100	2	100	2	100	43	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, 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	209	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 – September 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	492	73	260	27	132	51	13	33	897	46
Injection drug user (IDU)	25	4	53	5	10	4	3	8	91	5
Male to male contact / IDU	29	4	15	2	13	5	2	5	59	3
Hemophiliac	0	0	0	0	0	0	1	3	1	0
Heterosexual contact	42	6	467	48	55	21	11	28	575	30
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	82	12	171	18	48	19	10	25	311	16
All Exposure Categories	670	100	966	100	258	100	40	100	1934	100

**HIV Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative July 1, 1997 – September 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)	52	26	45	5	12	10	4	22	113	9
Hemophiliac	1	1	1	0	1	1	0	0	3	0
Heterosexual contact	113	56	793	80	97	76	13	72	1016	76
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	36	18	149	15	17	13	1	6	203	15
All Exposure Categories	202	100	988	100	127	100	18	100	1335	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, 2009**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	12	63	17	41	3	27	0	0	32	44
Injection drug user (IDU)	1	5	0	0	0	0	0	0	1	1
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	8	20	1	9	0	0	9	12
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	6	32	16	39	7	64	2	100	31	43
All Exposure Categories	19	100	41	100	11	100	2	100	73	100

**HIV Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
July 1 – September 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	4	0	0	0	0	1	4
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	1	25	9	38	0	0	0	0	10	36
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	3	75	14	58	0	0	0	0	17	61
All Exposure Categories	4	100	24	100	0	0	0	0	28	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, 2009**

RACE/ETHNICITY	3rd QTR 2009	YTD 2009	3rd QTR 2008	YTD 2008
WHITE	11	26	6	26
BLACK	7	17	5	20
HISPANIC (also counted in White)	9	19	3	16
OTHER	0	4	0	5
TOTAL	18	47	11	51

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

	3rd QTR 2009	YTD 2009	3rd QTR 2008	YTD 2008
CO-INFECTION	3	7	2	9
PULMONARY	18	42	11	45
EXTRA PULMONARY	0	5	0	2
MULTI-DRUG RESISTANCE	0	0	0	0
BOTH PULMONARY & EXTRA PULMONARY	0	0	0	3

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

	3rd QTR 2009	YTD 2009	3rd QTR 2008	YTD 2008
US BORN	7	19	6	21
FOREIGN BORN	11	28	5	30
TOTAL	18	47	11	51

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, 2009**

	Males	Females	Total	Percent
Primary Syphilis	2	0	2	3
Secondary Syphilis	8	0	8	12
Total Infectious Syphilis	10	0	10	
Early Latent Syphilis	17	8	25	39
Late Latent Syphilis	15	13	28	43
Syphilis of Unknown Duration	2	0	2	3
Congenital Syphilis	0	0	0	0
Total Syphilis	44	21	65	100
Gonorrhea	121	110	231	
Chlamydia	239	648	887	

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, 2009

	3rd Quarter 2009	YTD 2009	3rd Quarter 2008	YTD 2008
# HIV Tested	5,541	16,161	5,482	16,541
# HIV Positive	70	194	71	225
% HIV Positive	1.26	1.20	1.30	1.36

*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