



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 - 2008

July 1 – September 30, 2008

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Note: Data indicated is provisional

**Reportable Communicable Diseases and Other Conditions
Palm Beach County, Florida
July 1 – September 30, 2008**

Disease/Condition	Cases During July to Sept 2008	Cumulative Cases For 2008	Cumulative Cases Same Time Last Year
Invasive Haemophilus influenzae disease	3	15	17
Meningococcal infections	1	3	0
Meningitis, bacterial, cryptococcal, mycotic*	8	11	11
Streptococcus pneumoniae-drug resistant-invasive	9	34	24
Encephalitis, St. Louis	0	0	0
Encephalitis, chickenpox	0	0	0
Measles	0	0	0
Mumps	0	1	0
Rubella	0	0	0
Tetanus	0	0	0
Pertussis	1	4	10
Hepatitis A	8	14	9
Hepatitis B, acute	6	13	12
Hepatitis C, acute	1	1	0
Salmonellosis	85	239	227
Shigellosis	22	64	89
Campylobacteriosis	27	71	55
Giardiasis	28	73	52
Cryptosporidiosis	11	30	32
Cyclosporiasis	3	12	10
Typhoid fever	3	4	1
Escherichia coli, shiga toxin producing*	7	12	14
Vibrio infections	1	2	5
Animal rabies	2	3	2
Rabies, possible exposure*	40	87	51
Animal bites/exposure of a human - number reported to Animal Care and Control	573	1613	1690
Legionellosis	4	16	13
Lead poisoning	10	49	13
Malaria	2	4	4
Dengue fever	1	3	3
Lyme disease	5	6	3
Ciguatera	11	11	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, 2008**

	THIRD QUARTER 2008	CUMULATIVE 2008	CUMULATIVE NUMBERS SAME TIME PREVIOUS YEAR
NUMBER OF COMPLAINTS	54	191	210
NUMBER OF OUTBREAKS	6	13	9
SUSPECT	2	6	4
CONFIRMED	4	7	5
NUMBER ILL	76	436	355
NUMBER OF ENVIRONMENTAL HEALTH INSPECTIONS	18	73	72

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, 2008**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	1722	75	856	22	312	46	32	51	2922	42
Injection drug user (IDU)	159	7	535	14	87	13	5	8	786	11
Male to male contact / IDU	155	7	151	4	34	5	5	8	345	5
Hemophiliac	13	1	2	0	4	1	0	0	19	0
Heterosexual contact	100	4	1747	44	163	24	18	29	2028	29
Transfusion related	22	1	10	0	1	0	1	2	34	1
None of the above	132	6	640	16	77	11	2	3	851	12
All Exposure Categories	2303	100	3941	100	678	100	63	100	6985	100

**AIDS Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative 1980 – September 30, 2008**

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	406	16	40	20	8	22	618	19
Hemophiliac	2	0	4	0	0	0	0	0	6	0
Heterosexual contact	220	48	1817	71	136	68	28	76	2201	68
Transfusion related	17	4	13	1	3	2	0	0	33	1
None of the above	55	12	314	12	21	11	1	3	391	12
All Exposure Categories	458	100	2554	100	200	100	37	100	3249	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, 2008**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	5	42	3	12	1	20	0	0	9	21
Injection drug user (IDU)	2	17	1	4	0	0	0	0	3	7
Male to male contact / IDU	1	8	1	4	0	0	0	0	2	5
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	2	17	19	73	1	20	0	0	22	51
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	2	17	2	8	3	60	0	0	7	16
All Exposure Categories	12	100	26	100	5	100	0	0	43	100

**AIDS Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
July 1 – September 30, 2008**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	3	50	0	0	0	0	0	0	3	11
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	3	50	16	94	5	100	0	0	24	86
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	0	0	1	6	0	0	0	0	1	4
All Exposure Categories	6	100	17	100	5	100	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

Pediatric AIDS Cases
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative 1980 – September 30, 2008

Risk Group	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Mother with HIV/ HIV Risk	6	86	196	98	16	94	0	0	218	98
Transfusion related	0	0	1	1	0	0	0	0	1	0
Confirmed other	1	14	1	1	0	0	0	0	2	1
Pediatric other/ Undetermined	0	0	1	1	1	6	0	0	2	1
Total	7	100	199	100	17	100	0	0	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, 2008**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	476	73	237	25	130	52	10	31	853	45
Injection drug user (IDU)	28	4	53	6	10	4	2	6	93	5
Male to male contact / IDU	23	4	15	2	13	5	2	6	53	3
Hemophiliac	1	0	0	0	0	0	0	0	1	0
Heterosexual contact	39	6	463	49	54	22	11	34	567	30
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	86	13	184	19	44	18	7	22	321	17
All Exposure Categories	653	100	952	100	251	100	32	100	1888	100

**HIV Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative July 1, 1997 – September 30, 2008**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	54	27	47	5	11	9	4	20	116	9
Hemophiliac	1	1	1	0	1	1	0	0	3	0
Heterosexual contact	112	56	782	79	97	77	14	70	1005	75
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	33	17	162	16	17	13	2	10	214	16
All Exposure Categories	200	100	992	100	126	100	20	100	1338	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, 2008**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	10	53	10	31	4	67	0	0	24	42
Injection drug user (IDU)	0	0	0	0	0	0	0	0	0	0
Male to male contact / IDU	1	5	0	0	0	0	0	0	1	2
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	1	5	9	28	1	17	0	0	11	19
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	7	37	13	41	1	17	0	0	21	37
All Exposure Categories	19	100	32	100	6	100	0	0	57	100

**HIV Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
July 1 – September 30, 2008**

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	0	0	14	61	2	50	0	0	16	57
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	1	100	9	39	2	50	0	0	12	43
All Exposure Categories	1	100	23	100	4	100	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, 2008**

RACE/ETHNICITY	3rd QTR 2008	YTD 2008	3rd QTR 2007	YTD 2007
WHITE	6	26	10	35
BLACK	5	20	5	15
HISPANIC (also counted in White)	3	16	7	27
OTHER	0	5	2	5
TOTAL	11	51	17	55

**Cases of Tuberculosis by HIV Co-Infection, Site of Disease and Multi-Drug Resistance
Palm Beach County
July 1 – September 30, 2008**

	3rd QTR 2008	YTD 2008	3rd QTR 2007	YTD 2007
CO-INFECTION	2	9	0	6
PULMONARY	11	46	13	48
EXTRA PULMONARY	0	2	1	4
MULTI-DRUG RESISTANCE	0	0	0	0
BOTH PULMONARY & EXTRA PULMONARY	0	3	3	3

**Cases of Tuberculosis by US Born and Foreign Born
Palm Beach County
July 1 – September 30, 2008**

	3rd QTR 2008	YTD 2008	3rd QTR 2007	YTD 2007
US BORN	6	21	7	22
FOREIGN BORN	5	30	10	33
TOTAL	11	51	17	55

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, 2008**

	Males	Females	Total	Percent
Primary Syphilis	2	0	2	3
Secondary Syphilis	6	2	8	11
Total Infectious Syphilis	8	2	10	
Early Latent Syphilis	14	7	21	30
Late Latent Syphilis	19	9	28	40
Syphilis of Unknown Duration	9	2	11	16
Congenital Syphilis	0	0	0	0
Total Syphilis	50	20	70	100
Gonorrhea	103	121	224	
Chlamydia	224	642	866	

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, 2008

	3rd Quarter 2008	YTD 2008	3rd Quarter 2007	YTD 2007
# HIV Tested	5482	16541	7544	16100
# HIV Positive	71	225	95	215
% HIV Positive	1.30	1.36	1.26	1.34

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

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