



Palm Beach County Health Department

**Division of Epidemiology & Disease Control
1050 15th Street West
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**(561) 840-4566
SC 263-4566**

Disease Surveillance Report

Fourth Quarter - 2007

October 1 - December 31, 2007

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Note: Data indicated is provisional

**Reportable Communicable Diseases and Other Conditions
Palm Beach County, Florida
October 1 – December 31, 2007**

Disease/Condition	Cases During Oct to Dec 2007	Cumulative Cases For 2007	Cumulative Cases Same Time Last Year
Invasive Haemophilus influenzae disease	0	17	17
Meningococcal infections	0	0	7
Streptococcus pneumoniae meningitis	3	6	5
Streptococcus pneumoniae-drug resistant-invasive	9	33	56
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	3	13	10
Hepatitis A	2	11	36
Hepatitis B, acute	2	14	26
Hepatitis C, acute	0	0	0
Salmonellosis	114	341	345
Shigellosis	12	101	54
Campylobacteriosis	11	66	83
Giardiasis	20	72	78
Cryptosporidiosis	14	46	19
Cyclosporiasis	0	10	10
Typhoid fever	2	3	1
Escherichia coli O157:H7	0	3	0
Vibrio infections	1	6	8
Animal rabies	1	3	6
Human exposure to a potentially rabid animal	20	71	91
Animal bites/exposure of a human - number reported to Animal Care and Control	576	2266	2188
Legionellosis	3	16	21
Lead poisoning	3	16	23
Malaria	1	5	6
Dengue fever	2	5	3
Lyme disease	3	8	5
Ciguatera	0	11	6

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
October 1 – December 31, 2007**

	FOURTH QUARTER 2007	CUMULATIVE 2007	CUMULATIVE NUMBERS SAME TIME PREVIOUS YEAR
NUMBER OF COMPLAINTS	85	295	270
NUMBER OF OUTBREAKS	4	13	9
SUSPECT	3	7	8
CONFIRMED	1	6	1
NUMBER ILL	169	524	811
NUMBER OF ENVIRONMENTAL HEALTH INSPECTIONS	38	110	117

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 – December 31, 2007**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	1694	74	841	22	299	46	31	59	2865	42
Injection drug user (IDU)	158	7	532	14	83	13	1	2	774	11
Male to male contact / IDU	155	7	150	4	33	5	3	6	341	5
Hemophiliac	14	1	2	0	4	1	0	0	20	0
Heterosexual contact	96	4	1668	43	157	24	16	31	1937	28
Transfusion related	23	1	10	0	1	0	0	0	34	1
None of the above	139	6	648	17	74	11	1	2	862	13
All Exposure Categories	2279	100	3851	100	651	100	52	100	6833	100

**AIDS Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative 1980 – December 31, 2007**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	158	35	405	16	38	20	7	18	608	19
Hemophiliac	2	0	3	0	0	0	0	0	5	0
Heterosexual contact	214	48	1763	70	125	67	28	74	2130	67
Transfusion related	17	4	13	1	3	2	0	0	33	1
None of the above	57	13	319	13	21	11	3	8	400	13
All Exposure Categories	448	100	2503	100	187	100	38	100	3176	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
October 1 – December 31, 2007**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	8	73	6	19	5	56	2	100	21	40
Injection drug user (IDU)	0	0	0	0	0	0	0	0	0	0
Male to male contact / IDU	0	0	1	3	0	0	0	0	1	2
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	1	9	15	48	3	33	0	0	19	36
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	2	18	9	29	1	11	0	0	12	22
All Exposure Categories	11	100	31	100	9	100	2	100	53	100

**AIDS Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
October 1 – December 31, 2007**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	1	25	0	0	0	0	1	33	2	7
Hemophiliac	0	0	1	4	0	0	0	0	1	3
Heterosexual contact	3	75	16	73	2	100	1	33	22	71
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	0	0	5	23	0	0	1	33	6	19
All Exposure Categories	4	100	22	100	2	100	3	100	31	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 – December 31, 2007

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	195	98	16	94	0	0	217	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	198	100	17	100	0	0	222	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 – December 31, 2007**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	407	70	209	23	116	51	7	27	739	43
Injection drug user (IDU)	29	5	53	6	10	4	2	8	94	5
Male to male contact / IDU	21	4	14	2	13	6	0	0	48	3
Hemophiliac	1	0	0	0	0	0	0	0	1	0
Heterosexual contact	39	7	440	49	46	20	10	38	535	31
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	80	14	178	20	41	18	7	27	306	18
All Exposure Categories	577	100	894	100	226	100	26	100	1723	100

**HIV Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative July 1, 1997 – December 31, 2007**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	55	28	47	5	10	9	5	26	117	9
Hemophiliac	1	1	1	0	1	1	0	0	3	0
Heterosexual contact	105	53	716	77	80	73	11	58	912	73
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	36	18	168	18	19	17	3	16	226	18
All Exposure Categories	197	100	932	100	110	100	19	100	1258	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
October 1 – December 31, 2007**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	10	48	8	26	5	56	0	0	23	37
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	8	26	0	0	0	0	9	14
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	9	43	15	48	4	44	1	100	29	47
All Exposure Categories	21	100	31	100	9	100	1	100	62	100

**HIV Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
October 1 – December 31, 2007**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	1	14	1	5	0	0	0	0	2	7
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	5	72	10	53	1	100	0	0	16	59
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	1	14	8	42	0	0	0	0	9	34
All Exposure Categories	7	100	19	100	1	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

**Cases of Tuberculosis in Palm Beach County by Race/Ethnicity
Palm Beach County
October 1 – December 31, 2007**

RACE/ETHNICITY	4th QTR 2007	YTD 2007	4th QTR 2006	YTD 2006
WHITE	6	41	14	34
BLACK	6	21	22	43
HISPANIC	5	33	11	24
OTHER	3	8	0	5
TOTAL	15	70	36	82

**Cases of Tuberculosis by HIV Co-Infection, Site of Disease and Multi-Drug Resistance
Palm Beach County
October 1 – December 31, 2007**

	4th QTR 2007	YTD 2007	4th QTR 2006	YTD 2006
CO-INFECTION	1	7	9	16
PULMONARY	14	62	26	64
EXTRA PULMONARY	1	8	10	18
MULTI-DRUG RESISTANCE	0	1	0	0

**Cases of Tuberculosis by US Born and Foreign Born
Palm Beach County
October 1 – December 31, 2007**

	4th QTR 2007	YTD 2007	4th QTR 2006	YTD 2006
US BORN	7	29	15	32
FOREIGN BORN	8	41	21	50
TOTAL	15	70	36	82

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
October 1 – December 31, 2007**

	Males	Females	Total	Percent
Primary Syphilis	2	0	2	3
Secondary Syphilis	4	2	6	8
Total Infectious Syphilis	6	2	8	
Early Latent Syphilis	20	2	22	29
Late Latent Syphilis	13	21	34	44
Syphilis of Unknown Duration	10	3	13	16
Congenital Syphilis	0	0	0	0
Total Syphilis	49	28	77	100
Gonorrhea	132	128	260	
Chlamydia	173	554	727	

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
October 1 – December 31, 2007

	4th Quarter 2007	YTD 2007	4th Quarter 2006	YTD 2006
# HIV Tested	5080	21177	3806	15835
# HIV Positive	56	271	71	283
% HIV Positive	1.1	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
 Prevention Section