



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

Fourth Quarter - 2005

October 1 - December 31, 2005

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Note: Data indicated is provisional

**Reportable Communicable Diseases And Other Conditions
Palm Beach County, Florida
October 1 – December 31, 2005**

Disease/Condition	Cases During Oct. to Dec. 2005	Cumulative Cases For 2005	Cumulative Cases Same Time Last Year
Invasive Haemophilus influenzae disease	5	17	18
Meningococcal infections	0	4	4
Streptococcus pneumoniae meningitis	0	2	1
Streptococcus pneumoniae-drug resistant-invasive	10	54	43
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	2
Pertussis	0	7	4
Hepatitis A	14	21	19
Hepatitis B, acute	8	45	49
Hepatitis C, acute	0	1	0
Salmonellosis	125	371	275
Shigellosis	36	79	75
Campylobacteriosis	14	61	71
Giardiasis	25	73	52
Cryptosporidiosis	7	22	3
Cyclosporiasis	3	31	3
Typhoid fever	0	2	0
Escherichia coli O157:H7	0	5	6
Vibrio infections	3	9	10
Animal rabies	1	10	17
Human exposure to a potentially rabid animal*	23	99	104
Animal bites/exposure of a human - number reported to Animal Care and Control	572	2283	2413
Legionellosis	2	18	8
Lead poisoning	10	34	78
Malaria	3	8	12
Dengue fever	0	3	1
Lyme disease	0	5	3
Ciguatera	1	3	0

NA = Not Available

Source: Palm Beach County Health Department

*Changed by Bureau of Epi, effective June 4, 2000

**Summary of Food Related Complaints and Investigations
Palm Beach County Health Department
Palm Beach County, Florida
October 1 – December 31, 2005**

	FOURTH QUARTER 2005	CUMULATIVE 2005	CUMULATIVE NUMBERS SAME TIME PREVIOUS YEAR
NUMBER OF COMPLAINTS	56	228	210
NUMBER OF OUTBREAKS	0	6	12
SUSPECT	0	6	8
CONFIRMED	0	0	4
NUMBER ILL	145	597	607
NUMBER OF ENVIRONMENTAL HEALTH INSPECTIONS	23	92	92

Source: Palm Beach County Health Department
Division of Epidemiology & Disease Control
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, 2005**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	1632	74	751	21	263	46	21	60	2667	42
Injection drug user (IDU)	156	7	486	14	79	14	1	3	722	11
Male to male contact / IDU	147	7	126	4	24	4	2	6	299	5
Hemophiliac	14	1	2	0	4	1	0	0	20	0
Heterosexual contact	88	4	1472	41	118	20	10	29	1688	26
Transfusion related	24	1	11	0	2	0	0	0	37	1
None of the above	149	7	746	21	86	15	1	3	982	15
All Exposure Categories	2210	100	3594	100	576	100	35	100	6415	100

**AIDS Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative 1980 – December 31, 2005**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	145	36	380	16	36	22	3	15	564	19
Hemophiliac	2	1	1	0	0	0	0	0	3	0
Heterosexual contact	176	43	1523	66	100	61	17	85	1816	62
Transfusion related	17	4	13	1	3	2	0	0	33	1
None of the above	68	17	408	18	25	15	0	0	501	17
All Exposure Categories	408	100	2325	100	164	100	20	100	2917	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, 2005**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	11	79	10	31	6	60	0	0	27	48
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	1	7	11	34	0	0	0	0	12	21
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	2	14	10	31	4	40	0	0	16	29
All Exposure Categories	14	100	32	100	10	100	0	0	56	100

**AIDS Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
October 1 – December 31, 2005**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	1	11	0	0	0	0	0	0	1	3
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	5	56	17	77	1	100	0	0	23	72
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	3	33	5	23	0	0	0	0	8	25
All Exposure Categories	9	100	22	100	1	100	0	0	32	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, 2005**

Risk Group	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Mother with HIV	6	100	195	99	15	88	0	0	216	99
Pediatric Oth/Undetermined	0	0	1	1	2	12	0	0	3	1
Total	6	100	196	100	17	100	0	0	219	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, 2005**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	349	68	164	20	89	49	6	33	608	39
Injection drug user (IDU)	24	5	45	5	10	6	0	0	79	5
Male to male contact / IDU	15	3	11	1	9	5	0	0	35	2
Hemophiliac	1	0	0	0	0	0	0	0	1	0
Heterosexual contact	38	7	381	46	37	20	6	33	462	30
Transfusion related	0	0	0	0	0	0	1	6	1	0
None of the above	88	17	228	28	37	20	5	28	358	23
All Exposure Categories	515	100	829	100	182	100	18	100	1544	100

**HIV Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative July 1, 1997 – December 31, 2005**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	44	22	40	4	10	11	4	25	98	8
Hemophiliac	1	1	4	0	1	1	0	0	6	1
Heterosexual contact	97	49	623	68	54	59	8	50	782	64
Transfusion related	0	0	1	0	0	0	0	0	1	0
None of the above	56	28	253	28	26	29	4	25	339	28
All Exposure Categories	198	100	921	100	91	100	16	100	1226	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, 2005**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	14	67	9	28	3	43	0	0	26	43
Injection drug user (IDU)	0	0	0	0	0	0	0	0	0	0
Male to male contact / IDU	1	5	1	3	0	0	0	0	2	3
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	1	5	6	19	2	29	0	0	9	15
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	5	24	16	50	2	29	0	0	23	38
All Exposure Categories	21	100	32	100	7	100	0	0	60	100

**HIV Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
October 1 – December 30, 2005**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	3	25	0	0	0	0	0	0	3	8
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	4	33	9	43	1	17	0	0	14	36
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	5	42	12	57	5	83	0	0	22	56
All Exposure Categories	12	100	21	100	6	100	0	0	39	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, 2005**

RACE/ETHNICITY	4th QTR 2005	YTD 2005	4th QTR 2004	YTD 2004
WHITE	2	14	5	21
BLACK	14	50	14	43
HISPANIC	7	21	16	32
OTHER	1	7	0	3
TOTAL	24	92	35	99

**Cases of Tuberculosis by HIV Co-Infection, Site of Disease and Multi-Drug Resistance
Palm Beach County
October 1 – December 31, 2005**

	4th QTR 2005	YTD 2005	4th QTR 2004	YTD 2004
CO-INFECTION	5	18	9	27
PULMONARY	19	78	30	21
EXTRA PULMONARY	6	15	7	84
MULTI-DRUG RESISTANCE	0	0	1	2

**Cases of Tuberculosis by US Born and Foreign Born
Palm Beach County
October 1 – December 31, 2005**

	4th QTR 2005	YTD 2005	4th QTR 2004	YTD 2004
US BORN	9	35	9	34
FOREIGN BORN	15	57	26	65
TOTAL	24	92	35	99

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, 2005**

	Males	Females	Total	Percent
Primary Syphilis	2	1	3	7
Secondary Syphilis	4	0	4	10
Total Infectious Syphilis	6	1	7	
Early Latent Syphilis	6	2	8	20
Late Latent Syphilis	14	10	24	58
Syphilis of Unknown Duration	1	1	2	5
Congenital Syphilis	0	0	0	0
Total Syphilis	27	14	41	100
Gonorrhea	113	96	209	
Chlamydia	89	386	475	

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, 2005

	4th Quarter 2005	YTD 2005	4th Quarter 2004	YTD 2004
# HIV Tested	3684	11619	3372	15186
# HIV Positive	71	346	77	340
% HIV Positive	1.9	3.0	2.3	2.2

*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