



Palm Beach County Health Department

**Division of Epidemiology & Disease Control
1050 15th Street West
Riviera Beach, FL 33404**

**(561) 840-4564
SC 263-4564**

Disease Surveillance Report

First Quarter - 2005

January 1 - March 31, 2005

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Note: Data indicated is provisional**

**Palm Beach County, Florida
January 1 – March 31, 2005**

Disease/Condition	Cases During Jan. to March 2005	Cumulative Cases For 2005	Cumulative Cases Same Time Last Year
Invasive Haemophilus influenzae disease	5	5	11
Meningococcal infections	3	3	2
Streptococcus pneumoniae meningitis	0	0	0
Streptococcus pneumoniae-drug resistant-invasive	27	27	12
Encephalitis, St. Louis	0	0	0
Encephalitis, chickenpox	0	0	0
Measles	0	0	0
Mumps	0	0	0
Rubella	0	0	0
Tetanus	0	0	1
Pertussis	0	0	0
Hepatitis A	2	2	4
Hepatitis B, acute	11	11	11
Hepatitis C, acute	0	0	0
Salmonellosis	51	51	54
Shigellosis	4	4	15
Campylobacteriosis	14	14	12
Giardiasis	13	13	9
Cryptosporidiosis	2	2	0
Cyclosporiasis	1	1	0
Typhoid fever	0	0	0
Escherichia coli O157:H7	2	2	0
Vibrio infections	1	1	0
Animal rabies	6	6	10
Human exposure to a potentially rabid animal*	33	33	24
Animal bites/exposure of a human - number reported to Animal Care and Control	552	552	639
Legionellosis	4	4	2
Lead poisoning	10	10	30
Malaria	2	2	1
Dengue fever	0	0	0
Lyme disease	3	3	0
Ciguatera	1	1	0

NA = Not Available

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

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

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

	FIRST QUARTER 2005	CUMULATIVE 2005	CUMULATIVE NUMBERS SAME TIME PREVIOUS YEAR
NUMBER OF COMPLAINTS	74	74	44
NUMBER OF OUTBREAKS	3	3	4
SUSPECT	3	3	3
CONFIRMED	0	0	1
NUMBER ILL	243	243	156
NUMBER OF ENVIRONMENTAL HEALTH INSPECTIONS	35	35	23

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 – March 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	1622	74	713	20	243	44	17	59	2595	41
Injection drug user (IDU)	161	7	477	14	76	14	0	0	714	11
Male to male contact / IDU	139	6	122	3	23	4	2	7	286	5
Hemophiliac	13	1	2	0	3	1	0	0	18	0
Heterosexual contact	88	4	1429	41	113	21	9	31	1639	26
Transfusion related	24	1	12	0	2	0	0	0	38	1
None of the above	152	7	757	22	91	17	1	3	1001	16
All Exposure Categories	2199	100	3512	100	551	100	29	100	6291	100

Note: Percentages may not add up to 100% due to rounding.

**AIDS Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative 1980 – March 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)	139	36	375	17	35	22	1	7	550	19
Hemophiliac	2	1	1	0	0	0	0	0	3	0
Heterosexual contact	166	42	1449	64	94	60	14	93	1723	61
Transfusion related	17	4	13	1	3	2	0	0	33	1
None of the above	67	17	422	19	25	16	0	0	514	18
All Exposure Categories	391	100	2260	100	157	100	15	100	2823	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
January 1 – March 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	16	89	9	31	10	43	0	0	35	49
Injection drug user (IDU)	0	0	0	0	2	9	0	0	2	3
Male to male contact / IDU	0	0	0	0	1	4	1	100	2	3
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	0	0	9	31	3	13	0	0	12	17
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	2	11	11	38	7	30	0	0	20	28
All Exposure Categories	18	100	29	100	23	100	1	100	71	100

Note: Percentages may not add up to 100% due to rounding.

**AIDS Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
January 1 – March 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)	0	0	2	6	1	10	0	0	3	6
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	1	33	21	60	6	60	1	100	29	59
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	2	67	12	34	3	30	0	0	17	35
All Exposure Categories	3	100	35	100	10	100	1	100	49	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 – March 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	86	195	98	15	88	0	0	216	97
Pediatric Oth/Undetermined	1	14	3	2	2	12	0	0	6	3
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 – March 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	319	66	138	17	74	44	6	33	537	37
Injection drug user (IDU)	25	5	43	5	11	6	0	0	79	5
Male to male contact / IDU	13	3	9	1	9	5	0	0	31	2
Hemophiliac	1	0	0	0	0	0	0	0	1	0
Heterosexual contact	33	7	366	46	32	19	6	33	437	30
Transfusion related	0	0	0	0	0	0	1	6	1	0
None of the above	89	19	239	30	44	26	5	28	377	26
All Exposure Categories	480	100	795	100	170	100	18	100	1463	100

Note: Percentages may not add up to 100% due to rounding.

**HIV Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative July 1, 1997 – March 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)	39	21	35	4	10	12	4	25	88	8
Hemophiliac	1	1	4	0	1	1	0	0	6	1
Heterosexual contact	92	49	559	64	47	57	7	44	705	61
Transfusion related	0	0	1	0	0	0	0	0	1	0
None of the above	55	29	277	32	24	29	5	31	361	31
All Exposure Categories	187	100	876	100	82	100	16	100	1161	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
January 1 – March 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	6	55	3	10	2	22	0	0	11	22
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	8	28	0	0	0	0	8	16
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	5	45	17	59	7	78	0	0	29	59
All Exposure Categories	11	100	29	100	9	100	0	0	49	100

Note: Percentages may not add up to 100% due to rounding.

**HIV Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
January 1 – March 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	20	1	4	0	0	0	0	2	6
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	3	60	9	39	2	40	0	0	14	41
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	1	20	13	57	3	60	1	100	18	53
All Exposure Categories	5	100	23	100	5	100	1	100	34	100

Note: Percentages may not add up to 100% due to rounding.

Source of Data: Lorene Maddox, MPH
Florida Department of Health

**Cases of Tuberculosis in Palm Beach County by Race/Ethnicity
Palm Beach County, Florida
January 1 – March 31, 2005**

RACE/ETHNICITY	1st QTR 2005	YTD 2005	1st QTR 2004	YTD 2004
WHITE	5	5	4	4
BLACK	10	10	9	9
HISPANIC	5	5	9	9
OTHER	0	0	1	1
TOTAL	20	20	23	23

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

	1st QTR 2005	YTD 2005	1st QTR 2004	YTD 2004
CO-INFECTION	4	4	7	7
PULMONARY	19	19	21	21
EXTRA PULMONARY	1	1	4	4
MULTI-DRUG RESISTANCE	0	0	1	1

**Cases of Tuberculosis by US Born and Foreign Born
Palm Beach County, Florida
January 1 – March 31, 2005**

	1st QTR 2005	YTD 2005	1st QTR 2004	YTD 2004
US BORN	9	9	5	5
FOREIGN BORN	11	11	18	18
TOTAL	20	20	23	23

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
January 1 – March 31, 2005**

	Males	Females	Total	Percent
Primary Syphilis	3	0	3	12%
Secondary Syphilis	3	1	4	16%
Total Infectious Syphilis	6	1	7	
Early Latent Syphilis	10	3	13	52%
Late Latent Syphilis	3	0	3	12%
Syphilis of Unknown Duration	2	0	2	8%
Congenital Syphilis	0	0	0	0%
Total Syphilis	21	4	25	100%
Gonorrhea	88	98	186	
Chlamydia	91	422	513	

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
March 1 – January 31, 2005

	1st Quarter 2005	YTD 2005	1st Quarter 2004	YTD 2004
# HIV Tested	3872	3872	4031	4031
# HIV Positive	93	93	97	97
% HIV Positive	2.4%	2.4%	2.4%	2.4%

*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