



Palm Beach County Health Department

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

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

Vital Statistics and Disease Surveillance Report

Fourth Quarter - 2004

October 1 - December 31, 2004

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Note: Data indicated is provisional**

**Palm Beach County, Florida
October 1 – December 31, 2004**

Disease/Condition	Cases During Oct. to Dec. 2004	Cumulative Cases For 2004	Cumulative Cases Same Time Last Year
Invasive Haemophilus influenzae disease	3	18	18
Meningococcal infections	1	4	4
Streptococcus pneumoniae meningitis	0	1	3
Streptococcus pneumoniae-drug resistant-invasive	12	43	37
Encephalitis, St. Louis	0	0	0
Encephalitis, chickenpox	0	0	0
Measles	0	0	0
Mumps	0	1	0
Rubella	0	0	0
Tetanus	1	2	0
Pertussis	1	4	5
Hepatitis A	6	19	21
Hepatitis B, acute	18	49	51
Hepatitis C, acute	0	0	0
Salmonellosis	87	275	260
Shigellosis	8	75	148
Campylobacteriosis	25	71	111
Giardiasis	22	52	77
Cryptosporidiosis	1	3	9
Cyclosporiasis	0	3	3
Typhoid fever	0	0	3
Escherichia coli O157:H7	2	6	5
Vibrio infections	3	10	12
Animal rabies	0	16	39
Human exposure to a potentially rabid animal*	18	104	110
Animal bites/exposure of a human - number reported to Animal Care and Control	556	2413	2579
Legionellosis	2	8	19
Lead poisoning	18	78	122
Malaria	4	12	15
Dengue fever	0	1	0
Lyme disease	0	3	5
Ciguatera	0	0	3

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
October 1 – December 31, 2004**

	FOURTH QUARTER 2004	CUMULATIVE 2004	CUMULATIVE NUMBERS SAME TIME PREVIOUS YEAR
NUMBER OF COMPLAINTS	47	210	279
NUMBER OF OUTBREAKS	2	12	20
SUSPECT	1	8	13
CONFIRMED	1	4	7
NUMBER ILL	73	607	446
NUMBER OF ENVIRONMENTAL HEALTH INSPECTIONS	16	92	82

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

**Live Births by Race
Palm Beach County, Florida
October 1 – December 31, 2004**

	Number this quarter	Number YTD*	Number YTD** Last Year
Total Infant Births	NA	NA	14562
Infant Births, White	NA	NA	10132
Infant Births, Non-White	NA	NA	4417

**Infant Deaths by Race
Palm Beach County, Florida
October 1 – December 31, 2004**

	Number this quarter	Number YTD*	Number YTD** Last Year
Total Infant Deaths	NA	NA	103
Infant Deaths, White	NA	NA	53
Infant Deaths, Non-White	NA	NA	50

*Year to Date 2004

** Year to Date 2003

NA= Not available

The release of Infant Death and Live Births data for the fourth quarter 2004 has been delayed due to issues with the new birth system and death registration.

Source of Data: State of Florida
Department of Health
Office of Vital Statistics

**AIDS Cases Among Adult and Adolescent Males
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative 1980 – December 31, 2004**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	1608	74	703	20	231	44	15	56	2557	41
Injection drug user (IDU)	161	7	477	14	74	14	0	0	712	11
Male to male contact / IDU	138	6	121	3	22	4	1	4	282	5
Hemophiliac	13	1	2	0	3	1	0	0	18	0
Heterosexual contact	87	4	1414	41	109	21	9	33	1619	26
Transfusion related	24	1	11	0	2	0	0	0	37	1
None of the above	152	7	756	22	84	16	2	7	994	16
All Exposure Categories	2183	100	3484	100	525	100	27	100	6219	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 – December 31, 2004**

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	374	17	32	22	1	8	546	20
Hemophiliac	2	1	2	0	0	0	0	0	4	0
Heterosexual contact	163	42	1397	63	84	59	12	92	1656	60
Transfusion related	17	4	13	1	3	2	0	0	33	1
None of the above	68	17	446	20	24	17	0	0	538	19
All Exposure Categories	389	100	2232	100	143	100	13	100	2777	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, 2004**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	11	52	6	17	5	38	0	0	22	32
Injection drug user (IDU)	0	0	1	3	1	8	0	0	2	3
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	3	14	14	40	1	8	0	0	18	26
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	6	29	13	37	6	46	0	0	25	36
All Exposure Categories	21	100	35	100	13	100	0	0	69	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
October 1 – December 31, 2004**

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	14	0	0	3	8
Hemophiliac	0	0	1	3	0	0	0	0	1	3
Heterosexual contact	0	0	13	42	3	43	1	100	17	43
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	1	100	15	48	3	43	0	0	19	48
All Exposure Categories	1	100	31	100	7	100	1	100	40	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, 2004**

Risk Group	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Mother with HIV	6	86	194	98	15	88	0	0	215	97
Pediatric Oth/Undetermined	1	14	3	2	2	12	0	0	6	3
Total	7	100	197	100	17	100	0	0	221	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, 2004**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	317	67	137	18	71	42	7	33	532	37
Injection drug user (IDU)	25	5	42	5	12	7	0	0	79	5
Male to male contact / IDU	13	3	9	1	10	6	1	5	33	2
Hemophiliac	1	0	0	0	0	0	0	0	1	0
Heterosexual contact	33	7	355	46	33	20	7	33	428	30
Transfusion related	0	0	0	0	0	0	1	5	1	0
None of the above	86	18	235	30	42	25	5	24	368	26
All Exposure Categories	475	100	778	100	168	100	21	100	1442	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 – December 31, 2004**

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	9	11	4	25	87	7
Hemophiliac	1	1	4	0	1	1	0	0	6	1
Heterosexual contact	87	46	541	62	45	56	8	50	681	59
Transfusion related	0	0	1	0	0	0	0	0	1	0
None of the above	61	32	298	34	26	32	4	25	389	33
All Exposure Categories	188	100	879	100	81	100	16	100	1164	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, 2004**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	21	84	5	23	7	39	0	0	33	51
Injection drug user (IDU)	1	4	1	5	1	6	0	0	3	5
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	6	27	2	11	0	0	8	12
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	3	12	10	45	8	44	0	0	21	32
All Exposure Categories	25	100	22	100	18	100	0	0	65	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
October 1 – December 31, 2004**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	1	17	0	0	2	33	0	0	3	8
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	1	17	6	25	1	17	0	0	8	22
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	4	67	18	75	3	50	0	0	25	69
All Exposure Categories	6	100	24	100	6	100	0	0	36	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

To Report AIDS Cases
or Positive HIV Test Results
Please Call Jack Nolan
Phone (561) 882-3249

**Cases of Tuberculosis in Palm Beach County by Race/Ethnicity
Palm Beach County, Florida
October 1 – December 31, 2004**

RACE/ETHNICITY	4th QTR 2004	YTD 2004	4th QTR 2003	YTD 2003
WHITE	5	21	5	18
BLACK	14	43	11	40
HISPANIC	16	32	6	21
OTHER	0	3	1	8
TOTAL	35	99	23	87

**Cases of Tuberculosis by HIV Co-Infection, Site of Disease and Multi-Drug Resistance
Palm Beach County, Florida
October 1 – December 31, 2004**

	4th QTR 2004	YTD 2004	4th QTR 2003	YTD 2003
CO-INFECTION	9	27	7	23
PULMONARY	31	85	17	72
EXTRA PULMONARY	7	21	7	17
MULTI-DRUG RESISTANCE	1	2	1	2

**Cases of Tuberculosis by US Born and Foreign Born
Palm Beach County, Florida
October 1 – December 31, 2004**

	4th QTR 2004	YTD 2004	4th QTR 2003	YTD 2003
US BORN	9	34	12	43
FOREIGN BORN	26	65	11	44
TOTAL	35	99	23	87

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, 2004**

	Males	Females	Total	Percent
Primary Syphilis	2	0	2	4%
Secondary Syphilis	5	0	5	11%
Total Infectious Syphilis	7	0	7	
Early Latent Syphilis	11	5	16	36%
Late Latent Syphilis	6	10	16	36%
Syphilis of Unknown Duration	5	1	6	13%
Congenital Syphilis	0	0	0	0%
Total Syphilis	29	16	45	100%
Gonorrhea	103	83	186	
Chlamydia	112	455	567	

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, 2004

	4th Quarter 2004	YTD 2004	4th Quarter 2003	YTD 2003
# HIV Tested	3372	15186	3514	14241
# HIV Positive	77	340	73	368
% HIV Positive	2.3%	2.2%	2.1%	2.6%

*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