



Florida Department of Health Palm Beach County

Division of Epidemiology and Communicable Diseases

Epidemiology Program

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West Palm Beach, FL 33401

(561) 671-4184

Disease Surveillance Report

Fourth Quarter - 2013

October 1 – December 31, 2013

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Note: Data indicated is provisional

**Reportable Communicable Diseases and Other Conditions
Palm Beach County, Florida
October 1 – December 31, 2013**

Disease/Condition	Cases During Oct to Dec 2013	Cumulative Cases For 2013	Cumulative Cases Same Time Last Year
Invasive Haemophilus influenzae disease	5	21	22
Meningococcal infections	2	2	5
Meningitis, bacterial, cryptococcal, mycotic	5	12	6
Streptococcus pneumoniae-drug resistant-invasive	6	39	21
Encephalitis, St. Louis	0	0	0
Encephalitis, chickenpox	0	0	0
Measles	0	0	0
Mumps	0	1	1
Rubella	0	0	0
Tetanus	0	0	0
Pertussis	10	34	38
Hepatitis A	2	6	11
Hepatitis B, acute	7	22	14
Hepatitis C, acute	1	15	11
Salmonellosis	100	384	445
Shigellosis	14	38	45
Campylobacteriosis	54	176	158
Giardiasis	24	79	69
Cryptosporidiosis	15	32	29
Cyclosporiasis	0	1	1
Typhoid fever	1	1	2
Escherichia coli, shiga toxin producing	5	45	37
Vibrio infections	2	13	7
Animal rabies	6	16	4
Rabies, possible exposure	39	169	130
Animal bites/exposure of a human - number reported to Animal Care and Control	689	2756	2607
Legionellosis	8	26	21
Lead poisoning	6	34	36
Malaria	1	6	4
Dengue fever	2	15	6
Lyme disease	3	7	4
Ciguatera	0	0	0

Source of Data: Florida Department of Health Palm Beach County
Division of Epidemiology and Communicable Diseases
Epidemiology Program

**Summary of Food and Water-Related Complaints and Investigations
Palm Beach County, Florida
October 1 – December 31, 2013**

	FOURTH QUARTER 2013	CUMULATIVE 2013	CUMULATIVE NUMBERS SAME TIME PREVIOUS YEAR
NUMBER OF COMPLAINTS	40	200	191
NUMBER OF OUTBREAKS	2	5	5
SUSPECT	1	1	0
CONFIRMED	1	4	5
NUMBER ILL	105	372	741
NUMBER OF ENVIRONMENTAL HEALTH INSPECTIONS	22	80	97

Source of Data: Florida Department of Health Palm Beach County
Division of Environmental Public Health

**AIDS Cases Among Adult and Adolescent Males
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative 1980 – December 31, 2013**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	1837	76	941	22	390	46	64	50	3232	42
Injection drug user (IDU)	157	6	515	12	101	12	12	9	785	10
Male to male contact / IDU	171	7	147	3	34	4	7	5	359	5
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	112	5	1999	47	233	27	33	26	2377	31
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	148	6	610	14	93	11	12	9	863	11
All Exposure Categories	2425	100	4212	100	851	100	128	100	7616	100

**AIDS Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative 1980 – December 31, 2013**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	180	36	427	15	49	19	12	18	668	18
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	247	50	2160	74	176	70	53	79	2636	71
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	72	14	324	11	27	11	2	3	425	11
All Exposure Categories	499	100	2911	100	252	100	67	100	3729	100

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

Source of Data: Florida Department of Health
Division of Disease Control and Health Protection
Bureau of Communicable Diseases
HIV/AIDS and Hepatitis Section
Surveillance Unit

**AIDS Cases Among Adult and Adolescent Males
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
October 1 – December 31, 2013**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	7	64	2	17	2	50	1	50	12	41
Injection drug user (IDU)	0	0	0	0	0	0	0	0	0	0
Male to male contact / IDU	1	9	0	0	0	0	0	0	1	3
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	2	18	7	58	1	25	1	50	11	38
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	1	9	3	25	1	25	0	0	5	17
All Exposure Categories	11	100	12	100	4	100	2	100	29	100

**AIDS Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
October 1 – December 31, 2013**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	4	67	1	5	0	0	0	0	5	16
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	1	17	20	91	2	100	1	100	24	77
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	1	17	1	5	0	0	0	0	2	6
All Exposure Categories	6	100	22	100	2	100	1	100	31	100

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

Source of Data: Florida Department of Health
Division of Disease Control and Health Protection
Bureau of Communicable Diseases
HIV/AIDS and Hepatitis Section
Surveillance Unit

Pediatric AIDS Cases
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative 1980 – December 31, 2013

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Perinatal exposure	5	83	180	95	25	96	1	100	211	95
Other	1	17	10	5	1	4	0	0	12	5
All Exposure Categories	6	100	190	100	26	100	1	100	223	100

Pediatric HIV Cases
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative 1980 – December 31, 2013

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Perinatal exposure	5	100	42	98	7	88	0	0	54	96
Other	0	0	1	2	1	12	0	0	2	4
All Exposure Categories	5	100	43	100	8	100	0	0	56	100

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

Source of Data: Florida Department of Health
 Division of Disease Control and Health Protection
 Bureau of Communicable Diseases
 HIV/AIDS and Hepatitis Section
 Surveillance Unit

**HIV Cases Among Adult and Adolescent Males
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative July 1, 1997 – December 31, 2013**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	574	77	337	32	179	57	19	40	1109	51
Injection drug user (IDU)	30	4	51	5	10	3	2	4	93	4
Male to male contact / IDU	28	4	12	1	12	4	3	6	55	3
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	46	6	509	48	66	21	17	35	638	29
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	72	10	152	14	46	15	7	15	277	13
All Exposure Categories	750	100	1061	100	313	100	48	100	2172	100

**HIV Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative July 1, 1997 – December 31, 2013**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	49	25	38	4	10	8	3	20	100	7
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	120	61	837	83	102	77	11	73	1070	79
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	28	14	128	13	20	15	1	7	177	13
All Exposure Categories	197	100	1003	100	132	100	15	100	1347	100

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

Source of Data: Florida Department of Health
Division of Disease Control and Health Protection
Bureau of Communicable Diseases
HIV/AIDS and Hepatitis Section
Surveillance Unit

**HIV Cases Among Adult and Adolescent Males
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
October 1 – December 31, 2013**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	22	71	13	57	7	54	2	100	44	64
Injection drug user (IDU)	1	3	1	4	1	8	0	0	3	4
Male to male contact / IDU	1	3	0	0	0	0	0	0	1	1
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	2	6	4	17	2	15	0	0	8	12
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	5	16	5	22	3	23	0	0	13	19
All Exposure Categories	31	100	23	100	13	100	2	100	69	100

**HIV Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
October 1 – December 31, 2013**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	2	29	0	0	0	0	0	0	2	6
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	1	14	14	64	2	50	0	0	17	52
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	4	57	8	36	2	50	0	0	14	42
All Exposure Categories	7	100	22	100	4	100	0	0	33	100

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

Source of Data: Florida Department of Health
Division of Disease Control and Health Protection
Bureau of Communicable Diseases
HIV/AIDS and Hepatitis Section
Surveillance Unit

**Cases of Tuberculosis in Palm Beach County by Race/Ethnicity
Palm Beach County, Florida
October 1 – December 31, 2013**

RACE/ETHNICITY	4th QTR 2013	YTD 2013	4th QTR 2012	YTD 2012
WHITE	5	20	4	17
BLACK	7	31	6	18
HISPANIC (also counted in White)	2	11	2	9
OTHER	1	4	2	5
TOTAL	13	55	12	40

**Cases of Tuberculosis by HIV Co-Infection, Site of Disease and Multi-Drug Resistance
Palm Beach County, Florida
October 1 – December 31, 2013**

	4th QTR 2013	YTD 2013	4th QTR 2012	YTD 2012
CO-INFECTION	1	12	2	5
PULMONARY	11	44	10	29
EXTRA PULMONARY	2	7	2	8
MULTI-DRUG RESISTANCE	0	0	0	0
BOTH PULMONARY & EXTRA PULMONARY	0	4	0	3

**Cases of Tuberculosis by US Born and Foreign Born
Palm Beach County, Florida
October 1 – December 31, 2013**

	4th QTR 2013	YTD 2013	4th QTR 2012	YTD 2012
US BORN	4	16	3	14
FOREIGN BORN	9	39	9	26
TOTAL	13	55	12	40

Source of Data: Florida Department of Health Palm Beach County
Division of Epidemiology and Communicable Diseases
TB Program

**Cases of Sexually Transmitted Diseases by Sex
Palm Beach County, Florida
October 1 – December 31, 2013**

	Males	Females	Total	Percent
Primary Syphilis	4	0	4	8
Secondary Syphilis	10	2	12	23
Total Infectious Syphilis	14	2	16	(31)
Early Latent Syphilis	5	6	11	22
Late Latent Syphilis	1	3	4	8
Syphilis of Unknown Duration	14	6	20	39
Congenital Syphilis	0	0	0	0
Total Syphilis	34	17	51	100
Gonorrhea	145	129	274	
Chlamydia	296	761	1057	

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

Source of Data: Florida Department of Health Palm Beach County
Division of Epidemiology and Communicable Diseases
Sexually Transmitted Disease Program

HIV Testing*
Palm Beach County, Florida
October 1 – December 31, 2013

	4th Quarter 2013	YTD 2013	4th Quarter 2012	YTD 2012
# HIV Tested	4161	19341	5197	19945
# HIV Positive	36	152	29	140
% HIV Positive	0.87	0.79	0.56	0.70

* Clients serviced at Florida Department of Health Palm Beach County only. May not include field visits or counseling and testing conducted in correctional facilities by STD staff.

Source of Data: Ivan Cook
 Florida Department of Health
 Division of Disease Control and Health Protection
 Bureau of Communicable Diseases
 HIV/AIDS and Hepatitis Section
 HIV Prevention Program
 (850) 245-4336, ext. 2626