



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

First Quarter - 2014

January 1 – March 31, 2014

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Note: Data indicated is provisional

**Reportable Communicable Diseases and Other Conditions
Palm Beach County, Florida
January 1 – March 31, 2014**

Disease/Condition	Cases During Jan to Mar 2014	Cumulative Cases For 2014	Cumulative Cases Same Time Last Year
Invasive Haemophilus influenzae disease	8	8	5
Meningococcal infections	1	1	0
Meningitis, bacterial, cryptococcal, mycotic	3	3	2
Streptococcus pneumoniae-drug resistant-invasive	8	8	10
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	0
Pertussis	3	3	7
Hepatitis A	3	3	0
Hepatitis B, acute	5	5	2
Hepatitis C, acute	1	1	2
Salmonellosis	58	58	73
Shigellosis	21	21	3
Campylobacteriosis	42	42	28
Giardiasis	22	22	9
Cryptosporidiosis	6	6	3
Cyclosporiasis	0	0	0
Typhoid fever	0	0	0
Escherichia coli, shiga toxin producing	8	8	11
Vibrio infections	0	0	1
Animal rabies	3	3	1
Rabies, possible exposure	36	36	37
Animal bites/exposure of a human - number reported to Animal Care and Control	649	649	700
Legionellosis	2	2	2
Lead poisoning	12	12	13
Malaria	0	0	3
Dengue fever	4	4	4
Lyme disease	1	1	1
Ciguatera	5	5	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
January 1 – March 31, 2014**

	FIRST QUARTER 2014	CUMULATIVE 2014	CUMULATIVE NUMBERS SAME TIME PREVIOUS YEAR
NUMBER OF COMPLAINTS	69	69	63
NUMBER OF OUTBREAKS	3	3	0
SUSPECT	1	1	0
CONFIRMED	2	2	0
NUMBER ILL	140	140	116
NUMBER OF ENVIRONMENTAL HEALTH INSPECTIONS	29	29	27

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 – March 31, 2014**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	1840	76	948	22	396	46	65	50	3249	42
Injection drug user (IDU)	158	7	514	12	102	12	12	9	786	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	114	5	2013	48	234	27	33	26	2394	31
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	147	6	610	14	91	11	12	9	860	11
All Exposure Categories	2430	100	4232	100	857	100	129	100	7648	100

**AIDS Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative 1980 – March 31, 2014**

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	50	19	13	19	670	18
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	247	50	2177	74	182	70	54	78	2660	71
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	70	14	326	11	28	11	2	3	426	11
All Exposure Categories	497	100	2930	100	260	100	69	100	3756	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
January 1 – March 31, 2014**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	3	50	7	35	5	71	1	100	16	47
Injection drug user (IDU)	1	17	0	0	1	14	0	0	2	6
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	2	33	10	50	1	14	0	0	13	38
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	0	0	3	15	0	0	0	0	3	9
All Exposure Categories	6	100	20	100	7	100	1	100	34	100

**AIDS Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
January 1 – March 31, 2014**

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	0	0	1	17	0	0	1	4
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	0	0	13	76	4	67	1	100	18	75
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	0	0	4	23	1	17	0	0	5	21
All Exposure Categories	0	0	17	100	6	100	1	100	24	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 – March 31, 2014

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Perinatal exposure	5	83	179	95	26	96	1	100	211	95
Other	1	17	10	5	1	4	0	0	12	5
All Exposure Categories	6	100	189	100	27	100	1	100	223	100

Pediatric HIV Cases
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative 1980 – March 31, 2014

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Perinatal exposure	5	100	41	98	7	88	0	0	53	96
Other	0	0	1	2	1	12	0	0	2	4
All Exposure Categories	5	100	42	100	8	100	0	0	55	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 – March 31, 2014**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	579	76	338	32	179	57	18	38	1114	51
Injection drug user (IDU)	32	4	51	5	11	3	2	4	96	4
Male to male contact / IDU	30	4	12	1	12	4	3	6	57	3
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	46	6	515	48	67	21	18	38	646	30
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	71	9	148	14	47	15	7	15	273	12
All Exposure Categories	758	100	1064	100	316	100	48	100	2186	100

**HIV Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative July 1, 1997 – March 31, 2014**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	50	25	38	4	10	8	3	20	101	8
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	122	61	845	84	100	78	11	73	1078	80
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	29	14	124	12	19	15	1	7	173	13
All Exposure Categories	201	100	1007	100	129	100	15	100	1352	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
January 1 – March 31, 2014**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	11	58	8	31	7	54	0	0	26	44
Injection drug user (IDU)	3	16	0	0	2	15	0	0	5	8
Male to male contact / IDU	1	5	0	0	1	8	0	0	2	3
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	1	5	14	54	2	15	1	100	18	31
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	3	16	4	15	1	8	0	0	8	14
All Exposure Categories	19	100	26	100	13	100	1	100	59	100

**HIV Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
January 1 – March 31, 2014**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	2	33	0	0	0	0	0	0	2	7
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	2	33	15	71	2	100	1	100	20	67
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	2	33	6	29	0	0	0	0	8	27
All Exposure Categories	6	100	21	100	2	100	1	100	30	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
January 1 – March 31, 2014**

RACE/ETHNICITY	1st QTR 2014	YTD 2014	1st QTR 2013	YTD 2013
WHITE	4	4	4	4
BLACK	3	3	9	9
HISPANIC (also counted in White)	4	4	3	3
OTHER	0	0	1	1
TOTAL	7	7	14	14

**Cases of Tuberculosis by HIV Co-Infection, Site of Disease and Multi-Drug Resistance
Palm Beach County, Florida
January 1 – March 31, 2014**

	1st QTR 2014	YTD 2014	1st QTR 2013	YTD 2013
CO-INFECTION	1	1	2	2
PULMONARY	7	7	12	12
EXTRA PULMONARY	0	0	2	2
MULTI-DRUG RESISTANCE	0	0	0	0
BOTH PULMONARY & EXTRA PULMONARY	0	0	0	0

**Cases of Tuberculosis by US Born and Foreign Born
Palm Beach County, Florida
January 1 – March 31, 2014**

	1st QTR 2014	YTD 2014	1st QTR 2013	YTD 2013
US BORN	1	1	4	4
FOREIGN BORN	6	6	10	10
TOTAL	7	7	14	14

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
January 1 – March 31, 2014**

	Males	Females	Total	Percent
Primary Syphilis	3	0	3	6
Secondary Syphilis	6	3	9	19
Total Infectious Syphilis	9	3	12	
Early Latent Syphilis	8	6	14	30
Late Latent Syphilis	1	1	2	4
Syphilis of Unknown Duration	12	7	19	40
Congenital Syphilis	0	0	0	0
Total Syphilis	30	17	47	100
Gonorrhea	159	126	285	
Chlamydia	300	776	1076	

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
January 1 – March 31, 2014

	1st Quarter 2014	YTD 2014	1st Quarter 2013	YTD 2013
# HIV Tested	4,402	4,402	4,975	4,975
# HIV Positive	22	22	40	40
% HIV Positive	0.50	0.50	0.80	0.80

* 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