



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 - 2015

January 1 – March 31, 2015

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Note: Data indicated is provisional

Reportable Communicable Diseases and Conditions
Palm Beach County, Florida
January 1 – March 31, 2015

	Cases During Jan to Mar 2015	Cumulative Cases For 2015	Cumulative Cases Same Time Last Year
CENTRAL NERVOUS SYSTEM AND INVASIVE DISEASE:			
H. influenzae Invasive Disease	3	3	8
Meningococcal Disease	0	0	1
Listeriosis	0	0	1
S. pneumoniae Invasive Disease, Drug-Resistant	2	2	8
S. pneumoniae Invasive Disease, Drug-Susceptible	2	2	8
Meningitis, Bacterial or Mycotic	1	1	3
West Nile Virus Neuroinvasive Disease	0	0	0
West Nile Virus Non-Neuroinvasive Disease	0	0	0
Creutzfeldt-Jakob Disease (CJD)	2	2	0
Influenza-Associated Pediatric Mortality	0	0	0
S. aureus Infection, Intermediate Resistance to Vancomycin (VISA)	0	0	0
VACCINE PREVENTABLE DISEASES:			
Measles	0	0	0
Mumps	1	1	0
Pertussis	4	4	3
Rubella	0	0	0
Rubella, Congenital	0	0	0
Tetanus	0	0	0
Varicella (Chickenpox)	8	8	8
HEPATITIS:			
Hepatitis A	3	3	3
Hepatitis B, Acute	3	3	5
Hepatitis B, Chronic	109	109	78
Hepatitis B, HBsAg in Pregnant Women	8	8	3
Hepatitis B, Perinatal	0	0	0
Hepatitis C, Acute	1	1	1
Hepatitis C, Chronic	654	654	421
ENTERIC DISEASES:			
Campylobacteriosis	53	53	42
Cryptosporidiosis	11	11	6
Cyclosporiasis	0	0	0
Giardiasis, Acute	17	17	22
Salmonellosis	74	74	58
Shiga Toxin-Producing E. coli (STEC) Infection	4	4	8
Shigellosis	72	72	21
Typhoid Fever (Salmonella serotype Typhi)	0	0	0
Cholera (Vibrio cholerae, Type O1)	1	1	0
Vibriosis (Vibrio cholerae, Type Non-O1)	1	1	0
Vibriosis (Vibrio alginolyticus)	0	0	0
Vibriosis (Vibrio fluvialis)	1	1	0
Vibriosis (Grimontia hollisae)	0	0	0
Vibriosis (Vibrio mimicus)	1	1	0
Vibriosis (Vibrio parahaemolyticus)	0	0	0
Vibriosis (Vibrio vulnificus)	0	0	0
Vibriosis (Other Vibrio Species)	0	0	0
OTHER DISEASES:			
Rabies, Animal	2	2	3
Rabies, Possible Exposure	35	35	36
Animal bites/exposure of a human - number reported to PBC Animal Care and Control	621	621	649
Herpes B Virus, Possible Exposure	0	0	0
Carbon Monoxide Poisoning	3	3	4
Chikungunya Fever	4	4	0
Ciguatera Fish Poisoning	2	2	5
Dengue Fever	1	1	4
Lead Poisoning	5	5	12
Legionellosis	9	9	2
Lyme Disease	2	2	1
Malaria	1	1	0
Mercury Poisoning	2	2	0
Pesticide-Related Illness Or Injury, Acute	0	0	0
Psittacosis (Ornithosis)	0	0	0
Rocky Mountain Spotted Fever or Spotted Fever Rickettsiosis	0	0	0
Tularemia	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
January 1 – March 31, 2015**

	FIRST QUARTER 2015	CUMULATIVE 2015	CUMULATIVE NUMBERS SAME TIME PREVIOUS YEAR
NUMBER OF COMPLAINTS	62	62	69
NUMBER OF OUTBREAKS	2	2	3
SUSPECT	0	0	1
CONFIRMED	2	2	2
NUMBER ILL	290	290	140
NUMBER OF ENVIRONMENTAL HEALTH INSPECTIONS	33	33	29

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, 2015**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	1859	76	966	23	401	46	69	50	3295	43
Injection drug user (IDU)	160	7	514	12	102	12	13	9	789	10
Male to male contact / IDU	173	7	148	3	34	4	8	6	363	5
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	114	5	2036	48	241	28	35	25	2426	31
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	149	6	611	14	90	10	13	9	863	11
All Exposure Categories	2455	100	4275	100	868	100	138	100	7736	100

**AIDS Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative 1980 – March 31, 2015**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	184	36	426	14	50	18	13	19	673	18
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	251	50	2227	75	189	70	55	79	2722	71
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	72	14	327	11	32	12	2	3	433	11
All Exposure Categories	507	100	2980	100	271	100	70	100	3828	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, 2015**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	3	75	8	62	2	67	1	50	14	64
Injection drug user (IDU)	0	0	0	0	0	0	0	0	0	0
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	25	2	15	0	0	0	0	3	14
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	0	0	3	23	1	33	1	50	5	23
All Exposure Categories	4	100	13	100	3	100	2	100	22	100

**AIDS Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
January 1 – March 31, 2015**

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	0	0	0	0	0	0
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	2	67	10	91	1	100	1	100	14	88
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	1	33	1	9	0	0	0	0	2	13
All Exposure Categories	3	100	11	100	1	100	1	100	16	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, 2015

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	25	93	1	100	210	94
Other	1	17	10	5	2	7	0	0	13	6
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, 2015

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Perinatal exposure	5	100	30	97	5	83	0	0	40	95
Other	0	0	1	3	1	17	0	0	2	5
All Exposure Categories	5	100	31	100	6	100	0	0	42	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, 2015**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	630	75	377	34	216	61	20	38	1243	53
Injection drug user (IDU)	31	4	54	5	12	3	2	4	99	4
Male to male contact / IDU	37	4	12	1	11	3	3	4	63	3
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	53	6	520	47	70	20	19	36	662	28
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	84	10	143	13	46	13	9	17	282	12
All Exposure Categories	835	100	1106	100	355	100	53	100	2349	100

**HIV Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative July 1, 1997 – March 31, 2015**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	51	25	40	4	10	7	3	19	104	8
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	123	61	868	84	108	78	11	69	1110	80
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	28	14	121	12	20	14	2	13	171	12
All Exposure Categories	202	100	1029	100	138	100	16	100	1385	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, 2015**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	3	75	8	62	2	67	1	50	14	64
Injection drug user (IDU)	0	0	0	0	0	0	0	0	0	0
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	25	2	15	0	0	0	0	3	14
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	0	0	3	23	1	33	1	50	5	23
All Exposure Categories	4	100	13	100	3	100	2	100	22	100

**HIV Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
January 1 – March 31, 2015**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	3	38	0	0	0	0	0	0	3	10
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	2	25	13	65	4	100	0	0	19	59
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	3	38	7	35	0	0	0	0	10	31
All Exposure Categories	8	100	20	100	4	100	0	0	32	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, 2015**

RACE/ETHNICITY	4th QTR 2014	YTD 2014	4th QTR 2013	YTD 2013
WHITE	2	2	4	4
BLACK	5	5	3	3
HISPANIC (also counted in White)	1	1	4	4
OTHER	1	1	0	0
TOTAL	8	8	7	7

**Cases of Tuberculosis by HIV Co-Infection, Site of Disease and Multi-Drug Resistance
Palm Beach County, Florida
January 1 – March 31, 2015**

	4th QTR 2014	YTD 2014	4th QTR 2013	YTD 2013
CO-INFECTION	1	1	1	1
PULMONARY	5	5	7	7
EXTRA PULMONARY	0	0	0	0
MULTI-DRUG RESISTANCE	0	0	0	0
BOTH PULMONARY & EXTRA PULMONARY	3	3	0	0

**Cases of Tuberculosis by US Born and Foreign Born
Palm Beach County, Florida
January 1 – March 31, 2015**

	4th QTR 2014	YTD 2014	4th QTR 2013	YTD 2013
US BORN	2	2	1	1
FOREIGN BORN	6	6	6	6
TOTAL	8	8	7	7

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, 2015**

	Males	Females	Total	Percent
Primary Syphilis	3	1	4	7%
Secondary Syphilis	16	1	17	29%
Total Infectious Syphilis	19	2	21	36% P&S Syphilis
Early Latent Syphilis	18	4	22	38%
Late Latent Syphilis*	0	0	0	0
Syphilis of Unknown Duration	8	7	15	26%
Congenital Syphilis	0	0	0	0
Total Syphilis	45	13	58	100%
Gonorrhea	142	117	259	55% = Male 45% = Female
Chlamydia	328	874	1202	27% = Male 73% = Female

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

*** = Syphilis Definition Change**....Effective January 2014, there will no longer be a **Late Latent Syphilis** diagnoses code in the Florida surveillance system (PRISM). This change stems from a definition change according to the Centers for Disease Control and Prevention (CDC).

HIV Testing*
Palm Beach County, Florida
January 1 – March 31, 2015

	1st Quarter 2015	YTD 2015	1st Quarter 2014	YTD 2014
# HIV Tested	585	585	4,402	4,402
# HIV Positive	4	4	22	22
% HIV Positive	0.68	0.68	0.50	0.50

*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.

For further information, contact Derrick Gibson at (850) 245-4444, ext. 3796.

Source of Data: Derrick Gibson
 Florida Department of Health
 Bureau of Communicable Diseases
 HIV/AIDS and Hepatitis Section