



Florida Department of Health Palm Beach County

Division of Epidemiology and Communicable Diseases

Epidemiology Program

800 Clematis Street – 2nd floor

West Palm Beach, FL 33401

(561) 671-4184

Disease Surveillance Report

Third Quarter - 2014

July 1 – September 30, 2014

Send inquiries or corrections to: Denise Bassaline, Human Services Program Consultant

Phone: (561) 671-4184 Fax: (561) 837-5330 E-mail: Denise.Bassaline@flhealth.gov

Note: Data indicated is provisional

**Reportable Communicable Diseases and Other Conditions
Palm Beach County, Florida
July – September 30, 2014**

	Cases During July to Sept 2014	Cumulative Cases For 2014	Cumulative Cases Same Time Last Year
CENTRAL NERVOUS SYSTEM AND INVASIVE DISEASES:			
H. influenzae Invasive Disease	2	14	16
Meningococcal Disease	1	3	0
Listeriosis	1	3	3
S. pneumoniae Invasive Disease, Drug-Resistant	3	19	34
S. pneumoniae Invasive Disease, Drug-Susceptible	1	12	35
Streptococcus Invasive Disease (Group A)	0	13	25
Meningitis, Bacterial or Mycotic	1	6	7
West Nile Virus Neuroinvasive Disease	0	0	0
West Nile Virus Non-Neuroinvasive Disease	0	0	0
Creutzfeldt-Jakob Disease (CJD)	0	0	0
Influenza-Associated Pediatric Mortality	0	0	0
S. aureus Infection, Intermediate Resistance to Vancomycin (VISA)	0	0	2
VACCINE PREVENTABLE DISEASES:			
Measles	0	0	0
Mumps	0	0	1
Pertussis	7	12	24
Rubella	0	0	0
Rubella, Congenital	0	0	0
Tetanus	0	0	0
Varicella (Chickenpox)	4	19	15
HEPATITIS:			
Hepatitis A	0	14	4
Hepatitis B, Acute	2	16	15
Hepatitis B, Chronic	102	277	266
Hepatitis B, HBsAg in Pregnant Women	1	2	63
Hepatitis B, Perinatal	0	0	0
Hepatitis C, Acute	2	8	15
Hepatitis C, Chronic	525	1414	1428
ENTERIC DISEASES:			
Campylobacteriosis	62	153	122
Cryptosporidiosis	14	32	17
Cyclosporiasis	2	2	1
Giardiasis, Acute	34	89	55
Salmonellosis	154	305	284
Shiga Toxin-Producing E. coli (STEC) Infection	14	29	36
Shigellosis	103	263	24
Typhoid Fever (Salmonella serotype Typhi)	0	2	0
Cholera (Vibrio cholerae, Type O1)	0	0	0
Vibriosis (Vibrio cholerae, Type Non-O1)	0	0	2
Vibriosis (Vibrio alginolyticus)	1	4	2
Vibriosis (Vibrio fluvialis)	2	2	1
Vibriosis (Grimontia hollisae)	0	0	1
Vibriosis (Vibrio mimicus)	0	0	0
Vibriosis (Vibrio parahaemolyticus)	1	1	4
Vibriosis (Vibrio vulnificus)	0	0	0
Vibriosis (Other Vibrio Species)	1	1	1
OTHER DISEASES:			
Rabies, Animal	1	8	10
Rabies, Possible Exposure	33	107	130
Animal Bites/Exposure of a Human - number reported to PBC Animal Care and Control	586	1939	2067
Herpes B Virus, Possible Exposure	0	1	1
Carbon Monoxide Poisoning	10	15	27
Chikungunya Fever	37	37	0
Ciguatera Fish Poisoning	3	8	0
Dengue Fever	2	6	12
Lead Poisoning	16	33	28
Legionellosis	9	17	18
Lyme Disease	6	9	4
Malaria	2	3	5
Mercury Poisoning	4	5	0
Pesticide-Related Illness Or Injury, Acute	0	1	4
Psittacosis (Ornithosis)	0	0	0
Rocky Mountain Spotted Fever or Spotted Fever Rickettsiosis	0	1	1
Tularemia	0	0	1

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
July 1 – September 30, 2014**

	THIRD QUARTER 2014	CUMULATIVE 2014	CUMULATIVE NUMBERS SAME TIME PREVIOUS YEAR
NUMBER OF COMPLAINTS	54	187	160
NUMBER OF OUTBREAKS	2	6	3
SUSPECT	0	2	0
CONFIRMED	2	4	3
NUMBER ILL	88	445	267
NUMBER OF ENVIRONMENTAL HEALTH INSPECTIONS	35	97	58

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 – September 30, 2014**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	1855	76	957	22	396	46	66	50	3274	42
Injection drug user (IDU)	160	7	515	12	102	12	12	9	789	10
Male to male contact / IDU	173	7	147	3	34	4	8	6	362	5
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	115	5	2030	48	240	28	35	26	2420	31
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	147	6	610	14	92	11	12	9	861	11
All Exposure Categories	2450	100	4259	100	864	100	133	100	7706	100

**AIDS Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative 1980 – September 30, 2014**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	182	36	428	14	50	19	13	19	673	18
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	250	50	2207	74	187	70	53	78	2697	71
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	71	14	330	11	30	11	2	3	433	11
All Exposure Categories	503	100	2965	100	267	100	68	100	3803	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
July 1 – September 30, 2014**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	7	58	3	20	0	0	0	0	10	30
Injection drug user (IDU)	0	0	1	7	0	0	0	0	1	3
Male to male contact / IDU	2	17	0	0	0	0	1	100	3	9
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	1	8	8	53	4	80	0	0	13	39
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	2	17	3	20	1	20	0	0	6	18
All Exposure Categories	12	100	15	100	5	100	1	100	33	100

**AIDS Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
July 1 – September 30, 2014**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	1	33	0	0	0	0	0	0	1	4
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	2	67	15	79	1	100	0	0	18	78
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	0	0	4	21	0	0	0	0	4	17
All Exposure Categories	3	100	19	100	1	100	0	0	23	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 – September 30, 2014

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Perinatal exposure	5	83	177	95	25	93	1	100	208	94
Other	1	17	10	5	2	7	0	0	13	6
All Exposure Categories	6	100	187	100	27	100	1	100	221	100

Pediatric HIV Cases
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative 1980 – September 30, 2014

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Perinatal exposure	5	100	29	97	5	83	0	0	39	95
Other	0	0	1	3	1	17	0	0	2	5
All Exposure Categories	5	100	30	100	6	100	0	0	41	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 – September 30, 2014**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	608	77	359	33	204	60	19	38	1190	53
Injection drug user (IDU)	32	4	52	5	12	4	2	4	98	4
Male to male contact / IDU	31	4	12	1	11	3	3	6	57	3
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	49	6	523	48	66	20	18	36	656	29
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	69	9	136	13	45	13	8	16	258	11
All Exposure Categories	789	100	1082	100	338	100	50	100	2259	100

**HIV Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative July 1, 1997 – September 30, 2014**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	49	24	37	4	10	7	3	19	99	7
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	124	61	852	84	106	77	12	75	1094	80
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	30	15	123	12	21	15	1	6	175	13
All Exposure Categories	203	100	1012	100	137	100	16	100	1368	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
July 1 – September 30, 2014**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	19	68	11	42	12	71	1	50	43	59
Injection drug user (IDU)	0	0	1	4	1	6	0	0	2	3
Male to male contact / IDU	2	7	0	0	0	0	1	50	3	4
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	4	14	11	42	3	18	0	0	18	25
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	3	11	3	12	1	6	0	0	7	10
All Exposure Categories	28	100	26	100	17	100	2	100	73	100

**HIV Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
July 1 – September 30, 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	0	0	0	0	0	0
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	6	50	23	74	4	50	1	100	34	65
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	6	50	8	26	4	50	0	0	18	35
All Exposure Categories	12	100	31	100	8	100	1	100	52	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
July 1 – September 30, 2014**

RACE/ETHNICITY	3rd QTR 2014	YTD 2014	3rd QTR 2013	YTD 2013
WHITE	3	14	3	14
BLACK	2	14	7	23
HISPANIC (also counted in White)	2	12	2	9
OTHER	0	0	1	3
TOTAL	5	28	11	40

**Cases of Tuberculosis by HIV Co-Infection, Site of Disease and Multi-Drug Resistance
Palm Beach County, Florida
July 1 – September 30, 2014**

	3rd QTR 2014	YTD 2014	3rd QTR 2013	YTD 2013
CO-INFECTED	3	6	3	11
PULMONARY	4	25	10	32
EXTRA PULMONARY	1	3	0	4
MULTI-DRUG RESISTANCE	0	0	0	0
BOTH PULMONARY & EXTRA PULMONARY	0	0	1	4

**Cases of Tuberculosis by US Born and Foreign Born
Palm Beach County, Florida
July 1 – September 30, 2014**

	3rd QTR 2014	YTD 2014	3rd QTR 2013	YTD 2013
US BORN	0	8	4	10
FOREIGN BORN	5	20	7	30
TOTAL	5	28	11	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
July 1 – September 30, 2014**

	Males	Females	Total	Percent
Primary Syphilis	2	0	2	2%
Secondary Syphilis	9	2	11	13%
Total Infectious Syphilis	11	2	13	15%
Early Latent Syphilis	20	11	31	36%
Late Latent Syphilis*	0	0	0	0
Syphilis of Unknown Duration	22	20	42	48%
Congenital Syphilis	0	1	1	1%
Total Syphilis	53	34	87	100%
Gonorrhea	140	124	264	
Chlamydia	383	961	1344	

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 – PRISM Report – 11/12/2014

* = **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
July 1 – September 30, 2014

	3rd Quarter 2014	YTD 2014	3rd Quarter 2013	YTD 2013
# HIV Tested	1,165	9,870	5,112	15,179
# HIV Positive	15	65	38	116
% HIV Positive	1.29%	0.66%	0.74%	0.76%

*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