



Florida Department of Health Palm Beach County

Division of Epidemiology and Communicable Diseases

Epidemiology Program

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West Palm Beach, FL 33401

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Disease Surveillance Report

Second Quarter - 2015

April 1 – June 30, 2015

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Note: Data indicated is provisional

Reportable Communicable Diseases and Conditions
Palm Beach County, Florida
April 1 – June 30, 2015

	Cases During Apr to June 2015	Cumulative Cases For 2015	Cumulative Cases Same Time Last Year
CENTRAL NERVOUS SYSTEM AND INVASIVE DISEASE:			
H. influenzae Invasive Disease	3	6	12
Meningococcal Disease	0	0	2
Listeriosis	0	0	2
S. pneumoniae Invasive Disease, Drug-Resistant	1	3	16
S. pneumoniae Invasive Disease, Drug-Susceptible	2	4	11
Meningitis, Bacterial or Mycotic	2	3	5
West Nile Virus Neuroinvasive Disease	0	0	0
West Nile Virus Non-Neuroinvasive Disease	0	0	0
Creutzfeldt-Jakob Disease (CJD)	0	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	0	1	0
Pertussis	4	8	5
Rubella	0	0	0
Rubella, Congenital	0	0	0
Tetanus	1	1	0
Varicella (Chickenpox)	4	12	15
HEPATITIS:			
Hepatitis A	4	7	4
Hepatitis B, Acute	5	8	14
Hepatitis B, Chronic	129	238	170
Hepatitis B, HBsAg in Pregnant Women	21	29	3
Hepatitis B, Perinatal	0	0	0
Hepatitis C, Acute	0	1	7
Hepatitis C, Chronic	774	1421	851
ENTERIC DISEASES:			
Campylobacteriosis	56	109	91
Cryptosporidiosis	9	20	18
Cyclosporiasis	0	0	0
Giardiasis, Acute	22	39	55
Salmonellosis	103	177	151
Shiga Toxin-Producing E. coli (STEC) Infection	14	18	15
Shigellosis	33	105	160
Typhoid Fever (Salmonella serotype Typhi)	1	1	2
Cholera (Vibrio cholerae, Type O1)	0	1	0
Vibriosis (Vibrio cholerae, Type Non-O1)	0	1	0
Vibriosis (Vibrio alginolyticus)	0	0	3
Vibriosis (Vibrio fluvialis)	0	1	0
Vibriosis (Grimontia hollisae)	0	0	0
Vibriosis (Vibrio mimicus)	0	1	0
Vibriosis (Vibrio parahaemolyticus)	2	2	0
Vibriosis (Vibrio vulnificus)	0	0	0
Vibriosis (Other Vibrio Species)	0	0	0
OTHER DISEASES:			
Rabies, Animal	1	3	7
Rabies, Possible Exposure	56	91	74
Animal bites/exposure of a human - number reported to PBC Animal Care and Control	639	1260	1353
Herpes B Virus, Possible Exposure	0	0	1
Carbon Monoxide Poisoning	1	4	5
Chikungunya Fever	0	4	0
Ciguatera Fish Poisoning	2	4	5
Dengue Fever	0	1	4
Lead Poisoning	8	13	17
Legionellosis	6	15	8
Lyme Disease	1	3	3
Malaria	0	1	1
Mercury Poisoning	1	3	1
Pesticide-Related Illness Or Injury, Acute	2	2	1
Psittacosis (Ornithosis)	0	0	0
Rocky Mountain Spotted Fever or Spotted Fever Rickettsiosis	0	0	1
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
April 1 – June 30, 2015**

	SECOND QUARTER 2015	CUMULATIVE 2015	CUMULATIVE NUMBERS SAME TIME PREVIOUS YEAR
NUMBER OF COMPLAINTS	73	135	133
NUMBER OF OUTBREAKS	2	4	4
SUSPECT	0	0	2
CONFIRMED	2	4	2
NUMBER ILL	182	472	357
NUMBER OF ENVIRONMENTAL HEALTH INSPECTIONS	42	75	62

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 – June 30, 2015**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	1848	76	952	22	400	46	66	50	3266	42
Injection drug user (IDU)	160	7	514	12	102	12	12	9	788	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	2027	48	237	27	34	26	2412	31
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	146	6	611	14	92	11	12	9	861	11
All Exposure Categories	2439	100	4251	100	865	100	131	100	7686	100

**AIDS Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative 1980 – June 30, 2015**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	181	36	428	15	50	19	13	19	672	18
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	250	50	2196	74	186	70	54	78	2686	71
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	71	14	327	11	29	11	2	3	429	11
All Exposure Categories	502	100	2951	100	265	100	69	100	3787	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
April 1 – June 30, 2015**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	6	67	5	24	4	50	0	0	15	38
Injection drug user (IDU)	2	22	0	0	0	0	0	0	2	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	11	52	3	38	1	100	15	38
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	1	11	5	24	1	12	0	0	7	18
All Exposure Categories	9	100	21	100	8	100	1	100	39	100

**AIDS Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
April 1 – June 30, 2015**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	1	20	0	0	0	0	0	0	1	3
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	3	60	21	95	4	80	0	0	28	88
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	1	20	1	5	1	20	0	0	3	9
All Exposure Categories	5	100	22	100	5	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

Pediatric AIDS Cases
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative 1980 – June 30, 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	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 – June 30, 2015

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Perinatal exposure	5	100	40	98	7	87	0	0	52	96
Other	0	0	1	2	1	13	0	0	2	4
All Exposure Categories	5	100	41	100	8	100	0	0	54	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 – June 30, 2015**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	595	77	345	32	190	59	18	37	1148	52
Injection drug user (IDU)	32	4	51	5	11	3	2	4	96	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	45	6	514	48	67	21	18	37	644	29
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	70	9	145	14	45	14	8	16	248	12
All Exposure Categories	773	100	1067	100	324	100	49	100	2213	100

**HIV Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative July 1, 1997 – June 30, 2015**

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	37	4	10	8	3	21	99	7
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	122	63	844	84	101	79	10	71	1077	80
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	24	12	120	12	17	13	1	7	162	12
All Exposure Categories	195	100	1001	100	128	100	14	100	1338	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
April 1 – June 30, 2015**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	18	72	10	36	11	69	0	0	39	56
Injection drug user (IDU)	0	0	0	0	0	0	0	0	0	0
Male to male contact / IDU	1	4	0	0	0	0	0	0	1	1
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	1	4	7	25	2	12	0	0	10	14
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	5	20	11	39	3	19	1	100	20	29
All Exposure Categories	25	100	28	100	16	100	1	100	70	100

**HIV Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
April 1 – June 30, 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	1	33	0	0	1	5
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	3	100	10	67	2	67	0	0	15	71
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	0	0	5	33	0	0	0	0	5	24
All Exposure Categories	3	100	15	100	3	100	0	0	21	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
April 1 – June 30, 2015**

RACE/ETHNICITY	2nd QTR 2015	YTD 2015	2nd QTR 2014	YTD 2014
WHITE	5	7	3	9
BLACK	5	10	8	11
HISPANIC (also counted in White)	3	4	2	8
OTHER	1	2	0	0
TOTAL	11	19	11	20

**Cases of Tuberculosis by HIV Co-Infection, Site of Disease and Multi-Drug Resistance
Palm Beach County, Florida
April 1 – June 30, 2015**

	2nd QTR 2015	YTD 2015	2nd QTR 2014	YTD 2014
CO-INFECTION	1	2	1	2
PULMONARY	10	15	9	18
EXTRA PULMONARY	1	1	2	2
MULTI-DRUG RESISTANCE	0	0	0	0
BOTH PULMONARY & EXTRA PULMONARY	0	3	0	0

**Cases of Tuberculosis by US Born and Foreign Born
Palm Beach County, Florida
April 1 – June 30, 2015**

	2nd QTR 2015	YTD 2015	2nd QTR 2014	YTD 2014
US BORN	4	6	5	7
FOREIGN BORN	7	13	6	13
TOTAL	11	19	11	20

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
April 1 – June 30, 2015**

	Males	Females	Total	Percent
Primary Syphilis	8	1	9	14%
Secondary Syphilis	13	3	16	24%
Total Infectious Syphilis	21	4	25	37%
Early Latent Syphilis	18	6	24	36%
Late Latent Syphilis*	0	0	0	0
Syphilis of Unknown Duration	10	7	17	26%
Congenital Syphilis	0	0	0	0
Total Syphilis	49	17	66	100%
Gonorrhea	176	132	308	57% = M 43% = F
Chlamydia	400	968	1368	29% = M 71% = F

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
April 1 – June 30, 2015

	2nd Quarter 2015	YTD 2015	2nd Quarter 2014	YTD 2014
# HIV Tested	646	1,231	4,303	8,705
# HIV Positive	3	7	28	50
% HIV Positive	0.46%	0.57%	0.65%	0.57%

*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