



## **Palm Beach County Health Department**

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**Division of Epidemiology  
800 Clematis Street – 2<sup>nd</sup> floor  
West Palm Beach, FL 33401**

**(561) 671-4184**

### **Disease Surveillance Report**

## **Third Quarter - 2011**

**July 1 – September 30, 2011**

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**Note: Data indicated is provisional**

**Reportable Communicable Diseases and Other Conditions  
Palm Beach County, Florida  
July 1 – September 30, 2011**

<b>Disease/Condition</b>	<b>Cases During July to Sept 2011</b>	<b>Cumulative Cases For 2011</b>	<b>Cumulative Cases Same Time Last Year</b>
Invasive Haemophilus influenzae disease	3	14	8
Meningococcal infections	0	5	1
Meningitis, bacterial, cryptococcal, mycotic	4	10	8
Streptococcus pneumoniae-drug resistant-invasive	2	23	35
Encephalitis, St. Louis	0	0	0
Encephalitis, chickenpox	0	0	0
Measles	0	0	0
Mumps	2	4	3
Rubella	0	0	0
Tetanus	0	0	1
Pertussis	9	20	5
Hepatitis A	4	6	9
Hepatitis B, acute	2	11	23
Hepatitis C, acute	2	2	3
Salmonellosis	151	297	313
Shigellosis	17	41	42
Campylobacteriosis	30	77	56
Giardiasis	23	57	73
Cryptosporidiosis	14	30	17
Cyclosporiasis	0	9	5
Typhoid fever	0	0	2
Escherichia coli, shiga toxin producing	11	21	15
Vibrio infections	2	9	5
Animal rabies	2	4	1
Rabies, possible exposure	17	53	43
Animal bites/exposure of a human - number reported to Animal Care and Control	571	1801	1803
Legionellosis	9	21	12
Lead poisoning	6	33	30
Malaria	2	5	14
Dengue fever	8	8	9
Lyme disease	10	11	1
Ciguatera	7	8	0

Source: Palm Beach County Health Department  
Division of Epidemiology

**Summary of Food and Water Related Complaints and Investigations  
Palm Beach County Health Department  
Palm Beach County, Florida  
July 1 – September 30, 2011**

	<b>THIRD QUARTER 2011</b>	<b>CUMULATIVE 2011</b>	<b>CUMULATIVE NUMBERS SAME TIME PREVIOUS YEAR</b>
<b>NUMBER OF COMPLAINTS</b>	<b>46</b>	<b>150</b>	<b>169</b>
<b>NUMBER OF OUTBREAKS</b>	<b>1</b>	<b>5</b>	<b>6</b>
<b>SUSPECT</b>	<b>0</b>	<b>1</b>	<b>3</b>
<b>CONFIRMED</b>	<b>1</b>	<b>4</b>	<b>3</b>
<b>NUMBER ILL</b>	<b>83</b>	<b>354</b>	<b>514</b>
<b>NUMBER OF ENVIRONMENTAL HEALTH INSPECTIONS</b>	<b>17</b>	<b>63</b>	<b>79</b>

Source: Palm Beach County Health Department  
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, 2011**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	1785	75	901	22	364	46	53	48	3103	42
Injection drug user (IDU)	155	7	514	13	97	12	11	10	777	11
Male to male contact / IDU	164	7	143	3	34	4	7	6	348	5
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	106	4	1913	47	202	26	28	25	2249	31
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	156	7	623	15	91	12	12	11	882	12
<b>All Exposure Categories</b>	<b>2366</b>	<b>100</b>	<b>4094</b>	<b>100</b>	<b>788</b>	<b>100</b>	<b>111</b>	<b>100</b>	<b>7359</b>	<b>100</b>

**AIDS Cases Among Adult and Adolescent Females  
By Race, Ethnicity and Exposure Category  
Palm Beach County, Florida  
Cumulative 1980 – September 30, 2011**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	173	36	418	15	49	21	10	16	650	18
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	236	49	2017	73	156	67	49	79	2458	69
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	71	15	328	12	28	12	3	5	430	12
<b>All Exposure Categories</b>	<b>480</b>	<b>100</b>	<b>2763</b>	<b>100</b>	<b>233</b>	<b>100</b>	<b>62</b>	<b>100</b>	<b>3538</b>	<b>100</b>

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

Source of Data: Florida Department of Health  
Bureau of HIV/AIDS

**AIDS Cases Among Adult and Adolescent Males  
By Race, Ethnicity and Exposure Category  
Palm Beach County, Florida  
July 1 – September 30, 2011**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	4	57	6	23	2	29	0	0	12	29
Injection drug user (IDU)	0	0	0	0	0	0	0	0	0	0
Male to male contact / IDU	0	0	1	4	0	0	0	0	1	2
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	1	14	13	50	1	14	1	50	16	38
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	2	29	6	23	4	57	1	50	13	31
<b>All Exposure Categories</b>	<b>7</b>	<b>100</b>	<b>26</b>	<b>100</b>	<b>7</b>	<b>100</b>	<b>2</b>	<b>100</b>	<b>42</b>	<b>100</b>

**AIDS Cases Among Adult and Adolescent Females  
By Race, Ethnicity and Exposure Category  
Palm Beach County, Florida  
July 1 – September 30, 2011**

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	50	10	67	1	100	1	100	14	67
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	2	50	5	33	0	0	0	0	7	33
<b>All Exposure Categories</b>	<b>4</b>	<b>100</b>	<b>15</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>21</b>	<b>100</b>

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

Source of Data: Florida Department of Health  
Bureau of HIV/AIDS

**Pediatric AIDS Cases**  
**By Race, Ethnicity and Exposure Category**  
**Palm Beach County, Florida**  
**Cumulative 1980 – September 30, 2011**

Risk Group	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Perinatal exposure	5	83	180	95	24	92	1	100	210	94
Other	1	17	10	5	2	8	0	0	13	6
<b>All Exposure Categories</b>	<b>6</b>	<b>100</b>	<b>190</b>	<b>100</b>	<b>26</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>223</b>	<b>100</b>

**Pediatric HIV Cases**  
**By Race, Ethnicity and Exposure Category**  
**Palm Beach County, Florida**  
**Cumulative 1980 – September 30, 2011**

Risk Group	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Perinatal exposure	5	100	43	98	6	86	0	0	54	96
Other	0	0	1	2	1	14	0	0	2	4
<b>All Exposure Categories</b>	<b>5</b>	<b>100</b>	<b>44</b>	<b>100</b>	<b>7</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>56</b>	<b>100</b>

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

Source of Data: Florida Department of Health  
Bureau of HIV/AIDS

**HIV Cases Among Adult and Adolescent Males  
By Race, Ethnicity and Exposure Category  
Palm Beach County, Florida  
Cumulative July 1, 1997 – September 30, 2011**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	504	75	278	28	152	54	17	38	951	48
Injection drug user (IDU)	27	4	50	5	13	5	3	7	93	5
Male to male contact / IDU	26	4	13	1	13	5	3	7	55	3
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	42	6	478	48	58	21	14	31	592	30
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	76	11	168	17	44	16	8	18	296	15
<b>All Exposure Categories</b>	<b>675</b>	<b>100</b>	<b>987</b>	<b>100</b>	<b>280</b>	<b>100</b>	<b>45</b>	<b>100</b>	<b>1987</b>	<b>100</b>

**HIV Cases Among Adult and Adolescent Females  
By Race, Ethnicity and Exposure Category  
Palm Beach County, Florida  
Cumulative July 1, 1997 – September 30, 2011**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	47	24	38	4	9	7	4	27	98	7
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	116	60	831	84	95	77	10	67	1052	80
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	30	16	122	12	19	16	1	7	172	13
<b>All Exposure Categories</b>	<b>193</b>	<b>100</b>	<b>991</b>	<b>100</b>	<b>123</b>	<b>100</b>	<b>15</b>	<b>100</b>	<b>1322</b>	<b>100</b>

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

Source of Data: Florida Department of Health  
Bureau of HIV/AIDS

**HIV Cases Among Adult and Adolescent Males  
By Race, Ethnicity and Exposure Category  
Palm Beach County, Florida  
July 1 – September 30, 2011**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	11	65	1	6	6	50	0	0	18	40
Injection drug user (IDU)	0	0	0	0	1	8	0	0	1	2
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	12	6	38	1	8	0	0	9	20
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	4	24	9	56	4	33	0	0	17	38
<b>All Exposure Categories</b>	<b>17</b>	<b>100</b>	<b>16</b>	<b>100</b>	<b>12</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>45</b>	<b>100</b>

**HIV Cases Among Adult and Adolescent Females  
By Race, Ethnicity and Exposure Category  
Palm Beach County, Florida  
July 1 – September 30, 2011**

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	4
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	1	20	9	50	1	50	1	100	12	46
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	3	60	9	50	1	50	0	0	13	50
<b>All Exposure Categories</b>	<b>5</b>	<b>100</b>	<b>18</b>	<b>100</b>	<b>2</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>26</b>	<b>100</b>

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

Source of Data: Florida Department of Health  
Bureau of HIV/AIDS

**Cases of Tuberculosis in Palm Beach County by Race/Ethnicity  
Palm Beach County  
July 1 – September 30, 2011**

RACE/ETHNICITY	3rd QTR 2011	YTD 2011	3rd QTR 2010	YTD 2010
WHITE	5	14	8	23
BLACK	6	15	9	28
HISPANIC (also counted in White)	3	8	4	15
OTHER	0	2	2	2
TOTAL	11	31	19	53

**Cases of Tuberculosis by HIV Co-Infection, Site of Disease and Multi-Drug Resistance  
Palm Beach County  
July 1 – September 30, 2011**

	3rd QTR 2011	YTD 2011	3rd QTR 2010	YTD 2010
CO-INFECTION	2	4	3	7
PULMONARY	8	21	14	40
EXTRA PULMONARY	3	10	3	8
MULTI-DRUG RESISTANCE	0	1	0	1
BOTH PULMONARY & EXTRA PULMONARY	0	0	2	5

**Cases of Tuberculosis by US Born and Foreign Born  
Palm Beach County  
July 1 – September 30, 2011**

	3rd QTR 2011	YTD 2011	3rd QTR 2010	YTD 2010
US BORN	4	10	8	19
FOREIGN BORN	7	21	11	34
TOTAL	11	31	19	53

Source of Data: Palm Beach County Health Department  
Division of Communicable Diseases  
TB Control Program

**Cases of Sexually Transmitted Diseases by Sex  
Palm Beach County, Florida  
July 1 – September 30, 2011**

	<b>Males</b>	<b>Females</b>	<b>Total</b>	<b>Percent</b>
<b>Primary Syphilis</b>	4	0	4	5
<b>Secondary Syphilis</b>	13	4	17	22
<b>Total Infectious Syphilis</b>	17	4	21	
<b>Early Latent Syphilis</b>	14	6	20	26
<b>Late Latent Syphilis</b>	18	10	28	38
<b>Syphilis of Unknown Duration</b>	5	2	7	9
<b>Congenital Syphilis</b>	0	0	0	0
<b>Total Syphilis</b>	54	22	76	100
<b>Gonorrhea</b>	123	110	233	
<b>Chlamydia</b>	280	682	962	

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

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

**HIV Testing\***  
**Palm Beach County, Florida**  
**July 1 – September 30, 2011**

	<b>3rd Quarter 2011</b>	<b>YTD 2011</b>	<b>3rd Quarter 2010</b>	<b>YTD 2010</b>
<b># HIV Tested</b>	4099	13096	5522	16423
<b># HIV Positive</b>	36	135	54	179
<b>% HIV Positive</b>	0.88	1.03	0.98	1.09

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

NA = Not Available

Note: In October 1998, the Bureau of HIV/AIDS began implementing new rules for the assignment and use of site numbers by organizations conducting HIV testing. The definitions of some site number prefixes have been modified or changed to improve data specificity. These changes have produced shifts in the data. For further information, contact Melinda Waters at (850) 245-4444, ext. 2569.

Source of Data: FL Department of Health  
Bureau of HIV/AIDS  
Early Intervention Section