



**Florida Department of Health Palm Beach County**

**Division of Epidemiology and Communicable Diseases**

**Epidemiology Program**

**800 Clematis Street – 2<sup>nd</sup> floor**

**West Palm Beach, FL 33401**

**(561) 671-4184**

**Disease Surveillance Report**

**Third Quarter - 2015**

**July 1 – September 30, 2015**

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**Note: Data indicated is provisional**

**Reportable Communicable Diseases and Conditions**  
**Palm Beach County, Florida**  
**July 1 – September 30, 2015**

	Cases During July to Sept 2015	Cumulative Cases For 2015	Cumulative Cases Same Time Last Year
<b>CENTRAL NERVOUS SYSTEM AND INVASIVE DISEASE:</b>			
H. influenzae Invasive Disease	9	15	14
Meningococcal Disease	1	1	3
Listeriosis	4	4	3
S. pneumoniae Invasive Disease, Drug-Resistant	2	5	19
S. pneumoniae Invasive Disease, Drug-Susceptible	0	4	12
Meningitis, Bacterial or Mycotic	4	7	6
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
<b>VACCINE PREVENTABLE DISEASES:</b>			
Measles	0	0	0
Mumps	0	1	0
Pertussis	4	12	12
Rubella	0	0	0
Rubella, Congenital	0	0	0
Tetanus	0	1	0
Varicella (Chickenpox)	7	19	19
<b>HEPATITIS:</b>			
Hepatitis A	1	8	14
Hepatitis B, Acute	3	11	16
Hepatitis B, Chronic	114	349	277
Hepatitis B, HBsAg in Pregnant Women	20	49	2
Hepatitis B, Perinatal	0	0	0
Hepatitis C, Acute	0	1	8
Hepatitis C, Chronic	650	2070	1414
<b>ENTERIC DISEASES:</b>			
Campylobacteriosis	57	166	153
Cryptosporidiosis	47	67	32
Cyclosporiasis	0	0	2
Giardiasis, Acute	25	63	89
Salmonellosis	180	357	305
Shiga Toxin-Producing E. coli (STEC) Infection	9	27	29
Shigellosis	29	134	263
Typhoid Fever (Salmonella serotype Typhi)	0	1	2
Cholera (Vibrio cholerae, Type O1)	0	1	0
Vibriosis (Vibrio cholerae, Type Non-O1)	1	2	0
Vibriosis (Vibrio alginolyticus)	1	1	4
Vibriosis (Vibrio fluvialis)	0	1	2
Vibriosis (Grimontia hollisae)	0	0	0
Vibriosis (Vibrio mimicus)	0	1	0
Vibriosis (Vibrio parahaemolyticus)	3	5	1
Vibriosis (Vibrio vulnificus)	0	0	0
Vibriosis (Other Vibrio Species)	0	0	1
<b>OTHER DISEASES:</b>			
Rabies, Animal	1	4	8
Rabies, Possible Exposure	44	135	107
Animal bites/exposure of a human - number reported to PBC Animal Care and Control	593	1853	1939
Herpes B Virus, Possible Exposure	0	0	1
Carbon Monoxide Poisoning	6	10	15
Chikungunya Fever	2	6	37
Ciguatera Fish Poisoning	4	8	8
Dengue Fever	0	1	6
Lead Poisoning	8	21	33
Legionellosis	7	22	17
Lyme Disease	2	5	9
Malaria	0	1	3
Mercury Poisoning	0	3	5
Pesticide-Related Illness Or Injury, Acute	1	3	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  
July 1 – September 30, 2015**

	<b>THIRD QUARTER 2015</b>	<b>CUMULATIVE 2015</b>	<b>CUMULATIVE NUMBERS SAME TIME PREVIOUS YEAR</b>
<b>NUMBER OF COMPLAINTS</b>	<b>56</b>	<b>191</b>	<b>187</b>
<b>NUMBER OF OUTBREAKS</b>	<b>1</b>	<b>5</b>	<b>6</b>
<b>SUSPECT</b>	<b>0</b>	<b>0</b>	<b>2</b>
<b>CONFIRMED</b>	<b>1</b>	<b>5</b>	<b>4</b>
<b>NUMBER ILL</b>	<b>73</b>	<b>545</b>	<b>445</b>
<b>NUMBER OF ENVIRONMENTAL HEALTH INSPECTIONS</b>	<b>21</b>	<b>96</b>	<b>97</b>

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, 2015**

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	43
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
<b>All Exposure Categories</b>	<b>2450</b>	<b>100</b>	<b>4259</b>	<b>100</b>	<b>864</b>	<b>100</b>	<b>133</b>	<b>100</b>	<b>7706</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, 2015**

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
<b>All Exposure Categories</b>	<b>503</b>	<b>100</b>	<b>2965</b>	<b>100</b>	<b>267</b>	<b>100</b>	<b>68</b>	<b>100</b>	<b>3803</b>	<b>100</b>

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, 2015**

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
<b>All Exposure Categories</b>	<b>12</b>	<b>100</b>	<b>15</b>	<b>100</b>	<b>5</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>33</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, 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	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
<b>All Exposure Categories</b>	<b>3</b>	<b>100</b>	<b>19</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>23</b>	<b>100</b>

**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, 2015**

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
<b>All Exposure Categories</b>	<b>6</b>	<b>100</b>	<b>187</b>	<b>100</b>	<b>27</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>221</b>	<b>100</b>

**Pediatric HIV Cases**  
**By Race, Ethnicity and Exposure Category**  
**Palm Beach County, Florida**  
**Cumulative 1980 – September 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	29	97	5	83	0	0	39	95
Other	0	0	1	3	1	17	0	0	2	5
<b>All Exposure Categories</b>	<b>5</b>	<b>100</b>	<b>30</b>	<b>100</b>	<b>6</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>41</b>	<b>100</b>

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, 2015**

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
<b>All Exposure Categories</b>	<b>789</b>	<b>100</b>	<b>1082</b>	<b>100</b>	<b>338</b>	<b>100</b>	<b>50</b>	<b>100</b>	<b>2259</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, 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	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
<b>All Exposure Categories</b>	<b>203</b>	<b>100</b>	<b>1012</b>	<b>100</b>	<b>137</b>	<b>100</b>	<b>16</b>	<b>100</b>	<b>1368</b>	<b>100</b>

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, 2015**

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
<b>All Exposure Categories</b>	<b>28</b>	<b>100</b>	<b>26</b>	<b>100</b>	<b>17</b>	<b>100</b>	<b>2</b>	<b>100</b>	<b>73</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, 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	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
<b>All Exposure Categories</b>	<b>12</b>	<b>100</b>	<b>31</b>	<b>100</b>	<b>8</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>52</b>	<b>100</b>

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, 2015**

<b>RACE/ETHNICITY</b>	<b>3<sup>rd</sup> QTR 2015</b>	<b>YTD 2015</b>	<b>3<sup>rd</sup> QTR 2014</b>	<b>YTD 2014</b>
<b>WHITE</b>	<b>6</b>	<b>13</b>	<b>3</b>	<b>14</b>
<b>BLACK</b>	<b>5</b>	<b>16</b>	<b>2</b>	<b>14</b>
<b>HISPANIC (also counted in White)</b>	<b>5</b>	<b>9</b>	<b>2</b>	<b>12</b>
<b>OTHER</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>
<b>TOTAL</b>	<b>11</b>	<b>31</b>	<b>5</b>	<b>28</b>

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

	<b>3<sup>rd</sup> QTR 2015</b>	<b>YTD 2015</b>	<b>3<sup>rd</sup> QTR 2014</b>	<b>YTD 2014</b>
<b>CO-INFECTION</b>	<b>2</b>	<b>5</b>	<b>3</b>	<b>6</b>
<b>PULMONARY</b>	<b>8</b>	<b>24</b>	<b>4</b>	<b>25</b>
<b>EXTRA PULMONARY</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>3</b>
<b>MULTI-DRUG RESISTANCE</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>BOTH PULMONARY &amp; EXTRA PULMONARY</b>	<b>1</b>	<b>4</b>	<b>0</b>	<b>0</b>

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

	<b>3<sup>rd</sup> QTR 2015</b>	<b>YTD 2015</b>	<b>3<sup>rd</sup> QTR 2014</b>	<b>YTD 2014</b>
<b>US BORN</b>	<b>1</b>	<b>7</b>	<b>0</b>	<b>8</b>
<b>FOREIGN BORN</b>	<b>10</b>	<b>24</b>	<b>5</b>	<b>20</b>
<b>TOTAL</b>	<b>11</b>	<b>31</b>	<b>5</b>	<b>28</b>

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, 2015**

	<b>Males</b>	<b>Females</b>	<b>Total</b>	<b>Percent</b>
<b>Primary Syphilis</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>4%</b>
<b>Secondary Syphilis</b>	<b>16</b>	<b>3</b>	<b>19</b>	<b>23%</b>
<b>Total Infectious Syphilis</b>	<b>19</b>	<b>3</b>	<b>22</b>	<b>26%</b>
<b>Early Latent Syphilis</b>	<b>27</b>	<b>7</b>	<b>34</b>	<b>40%</b>
<b>Late Latent Syphilis*</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Syphilis of Unknown Duration</b>	<b>17</b>	<b>11</b>	<b>28</b>	<b>33%</b>
<b>Congenital Syphilis</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Syphilis</b>	<b>63</b>	<b>21</b>	<b>84</b>	<b>100%</b>
<b>Gonorrhea</b>	<b>186</b>	<b>158</b>	<b>344</b>	<b>54% = Male 46% = Females</b>
<b>Chlamydia</b>	<b>401</b>	<b>965</b>	<b>1366</b>	<b>29% = Males 71% = Females</b>

**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**  
**July 1 – September 30, 2015**

	<b>3<sup>rd</sup> Quarter 2015</b>	<b>YTD 2015</b>	<b>3<sup>rd</sup> Quarter 2014</b>	<b>YTD 2014</b>
<b># HIV Tested</b>	557	1,790	1,165	9,870
<b># HIV Positive</b>	4	13	15	65
<b>% HIV Positive</b>	0.72	0.73	1.29	0.66

\*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