



**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**

**Fourth Quarter - 2013**

**October 1 – December 31, 2013**

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**Note: Data indicated is provisional**

**Reportable Communicable Diseases and Other Conditions  
Palm Beach County, Florida  
October 1 – December 31, 2013**

<b>Disease/Condition</b>	<b>Cases During Oct to Dec 2013</b>	<b>Cumulative Cases For 2013</b>	<b>Cumulative Cases Same Time Last Year</b>
Invasive Haemophilus influenzae disease	5	21	22
Meningococcal infections	2	2	5
Meningitis, bacterial, cryptococcal, mycotic	5	12	6
Streptococcus pneumoniae-drug resistant-invasive	6	39	21
Encephalitis, St. Louis	0	0	0
Encephalitis, chickenpox	0	0	0
Measles	0	0	0
Mumps	0	1	1
Rubella	0	0	0
Tetanus	0	0	0
Pertussis	10	34	38
Hepatitis A	2	6	11
Hepatitis B, acute	7	22	14
Hepatitis C, acute	1	15	11
Salmonellosis	100	384	445
Shigellosis	14	38	45
Campylobacteriosis	54	176	158
Giardiasis	24	79	69
Cryptosporidiosis	15	32	29
Cyclosporiasis	0	1	1
Typhoid fever	1	1	2
Escherichia coli, shiga toxin producing	5	45	37
Vibrio infections	2	13	7
Animal rabies	6	16	4
Rabies, possible exposure	39	169	130
Animal bites/exposure of a human - number reported to Animal Care and Control	689	2756	2607
Legionellosis	8	26	21
Lead poisoning	6	34	36
Malaria	1	6	4
Dengue fever	2	15	6
Lyme disease	3	7	4
Ciguatera	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  
October 1 – December 31, 2013**

	<b>FOURTH QUARTER 2013</b>	<b>CUMULATIVE 2013</b>	<b>CUMULATIVE NUMBERS SAME TIME PREVIOUS YEAR</b>
<b>NUMBER OF COMPLAINTS</b>	<b>40</b>	<b>200</b>	<b>191</b>
<b>NUMBER OF OUTBREAKS</b>	<b>2</b>	<b>5</b>	<b>5</b>
<b>SUSPECT</b>	<b>1</b>	<b>1</b>	<b>0</b>
<b>CONFIRMED</b>	<b>1</b>	<b>4</b>	<b>5</b>
<b>NUMBER ILL</b>	<b>105</b>	<b>372</b>	<b>741</b>
<b>NUMBER OF ENVIRONMENTAL HEALTH INSPECTIONS</b>	<b>22</b>	<b>80</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 – December 31, 2013**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	1837	76	941	22	390	46	64	50	3232	42
Injection drug user (IDU)	157	6	515	12	101	12	12	9	785	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	112	5	1999	47	233	27	33	26	2377	31
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	148	6	610	14	93	11	12	9	863	11
<b>All Exposure Categories</b>	<b>2425</b>	<b>100</b>	<b>4212</b>	<b>100</b>	<b>851</b>	<b>100</b>	<b>128</b>	<b>100</b>	<b>7616</b>	<b>100</b>

**AIDS Cases Among Adult and Adolescent Females  
By Race, Ethnicity and Exposure Category  
Palm Beach County, Florida  
Cumulative 1980 – December 31, 2013**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	180	36	427	15	49	19	12	18	668	18
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	247	50	2160	74	176	70	53	79	2636	71
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	72	14	324	11	27	11	2	3	425	11
<b>All Exposure Categories</b>	<b>499</b>	<b>100</b>	<b>2911</b>	<b>100</b>	<b>252</b>	<b>100</b>	<b>67</b>	<b>100</b>	<b>3729</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  
October 1 – December 31, 2013**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	7	64	2	17	2	50	1	50	12	41
Injection drug user (IDU)	0	0	0	0	0	0	0	0	0	0
Male to male contact / IDU	1	9	0	0	0	0	0	0	1	3
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	2	18	7	58	1	25	1	50	11	38
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	1	9	3	25	1	25	0	0	5	17
<b>All Exposure Categories</b>	<b>11</b>	<b>100</b>	<b>12</b>	<b>100</b>	<b>4</b>	<b>100</b>	<b>2</b>	<b>100</b>	<b>29</b>	<b>100</b>

**AIDS Cases Among Adult and Adolescent Females  
By Race, Ethnicity and Exposure Category  
Palm Beach County, Florida  
October 1 – December 31, 2013**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	4	67	1	5	0	0	0	0	5	16
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	1	17	20	91	2	100	1	100	24	77
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	1	17	1	5	0	0	0	0	2	6
<b>All Exposure Categories</b>	<b>6</b>	<b>100</b>	<b>22</b>	<b>100</b>	<b>2</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>31</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 – December 31, 2013**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Perinatal exposure	5	83	180	95	25	96	1	100	211	95
Other	1	17	10	5	1	4	0	0	12	5
<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 – December 31, 2013**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Perinatal exposure	5	100	42	98	7	88	0	0	54	96
Other	0	0	1	2	1	12	0	0	2	4
<b>All Exposure Categories</b>	<b>5</b>	<b>100</b>	<b>43</b>	<b>100</b>	<b>8</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  
 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 – December 31, 2013**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	574	77	337	32	179	57	19	40	1109	51
Injection drug user (IDU)	30	4	51	5	10	3	2	4	93	4
Male to male contact / IDU	28	4	12	1	12	4	3	6	55	3
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	46	6	509	48	66	21	17	35	638	29
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	72	10	152	14	46	15	7	15	277	13
<b>All Exposure Categories</b>	<b>750</b>	<b>100</b>	<b>1061</b>	<b>100</b>	<b>313</b>	<b>100</b>	<b>48</b>	<b>100</b>	<b>2172</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 – December 31, 2013**

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	38	4	10	8	3	20	100	7
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	120	61	837	83	102	77	11	73	1070	79
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	28	14	128	13	20	15	1	7	177	13
<b>All Exposure Categories</b>	<b>197</b>	<b>100</b>	<b>1003</b>	<b>100</b>	<b>132</b>	<b>100</b>	<b>15</b>	<b>100</b>	<b>1347</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  
October 1 – December 31, 2013**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	22	71	13	57	7	54	2	100	44	64
Injection drug user (IDU)	1	3	1	4	1	8	0	0	3	4
Male to male contact / IDU	1	3	0	0	0	0	0	0	1	1
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	2	6	4	17	2	15	0	0	8	12
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	5	16	5	22	3	23	0	0	13	19
<b>All Exposure Categories</b>	<b>31</b>	<b>100</b>	<b>23</b>	<b>100</b>	<b>13</b>	<b>100</b>	<b>2</b>	<b>100</b>	<b>69</b>	<b>100</b>

**HIV Cases Among Adult and Adolescent Females  
By Race, Ethnicity and Exposure Category  
Palm Beach County, Florida  
October 1 – December 31, 2013**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	2	29	0	0	0	0	0	0	2	6
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	1	14	14	64	2	50	0	0	17	52
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	4	57	8	36	2	50	0	0	14	42
<b>All Exposure Categories</b>	<b>7</b>	<b>100</b>	<b>22</b>	<b>100</b>	<b>4</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>33</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  
October 1 – December 31, 2013**

<b>RACE/ETHNICITY</b>	<b>4th QTR 2013</b>	<b>YTD 2013</b>	<b>4th QTR 2012</b>	<b>YTD 2012</b>
<b>WHITE</b>	<b>5</b>	<b>20</b>	<b>4</b>	<b>17</b>
<b>BLACK</b>	<b>7</b>	<b>31</b>	<b>6</b>	<b>18</b>
<b>HISPANIC (also counted in White)</b>	<b>2</b>	<b>11</b>	<b>2</b>	<b>9</b>
<b>OTHER</b>	<b>1</b>	<b>4</b>	<b>2</b>	<b>5</b>
<b>TOTAL</b>	<b>13</b>	<b>55</b>	<b>12</b>	<b>40</b>

**Cases of Tuberculosis by HIV Co-Infection, Site of Disease and Multi-Drug Resistance  
Palm Beach County, Florida  
October 1 – December 31, 2013**

	<b>4th QTR 2013</b>	<b>YTD 2013</b>	<b>4th QTR 2012</b>	<b>YTD 2012</b>
<b>CO-INFECTION</b>	<b>1</b>	<b>12</b>	<b>2</b>	<b>5</b>
<b>PULMONARY</b>	<b>11</b>	<b>44</b>	<b>10</b>	<b>29</b>
<b>EXTRA PULMONARY</b>	<b>2</b>	<b>7</b>	<b>2</b>	<b>8</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>0</b>	<b>4</b>	<b>0</b>	<b>3</b>

**Cases of Tuberculosis by US Born and Foreign Born  
Palm Beach County, Florida  
October 1 – December 31, 2013**

	<b>4th QTR 2013</b>	<b>YTD 2013</b>	<b>4th QTR 2012</b>	<b>YTD 2012</b>
<b>US BORN</b>	<b>4</b>	<b>16</b>	<b>3</b>	<b>14</b>
<b>FOREIGN BORN</b>	<b>9</b>	<b>39</b>	<b>9</b>	<b>26</b>
<b>TOTAL</b>	<b>13</b>	<b>55</b>	<b>12</b>	<b>40</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  
October 1 – December 31, 2013**

	<b>Males</b>	<b>Females</b>	<b>Total</b>	<b>Percent</b>
<b>Primary Syphilis</b>	<b>4</b>	<b>0</b>	<b>4</b>	<b>8</b>
<b>Secondary Syphilis</b>	<b>10</b>	<b>2</b>	<b>12</b>	<b>23</b>
<b>Total Infectious Syphilis</b>	<b>14</b>	<b>2</b>	<b>16</b>	<b>(31)</b>
<b>Early Latent Syphilis</b>	<b>5</b>	<b>6</b>	<b>11</b>	<b>22</b>
<b>Late Latent Syphilis</b>	<b>1</b>	<b>3</b>	<b>4</b>	<b>8</b>
<b>Syphilis of Unknown Duration</b>	<b>14</b>	<b>6</b>	<b>20</b>	<b>39</b>
<b>Congenital Syphilis</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Syphilis</b>	<b>34</b>	<b>17</b>	<b>51</b>	<b>100</b>
<b>Gonorrhea</b>	<b>145</b>	<b>129</b>	<b>274</b>	
<b>Chlamydia</b>	<b>296</b>	<b>761</b>	<b>1057</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

**HIV Testing\***  
**Palm Beach County, Florida**  
**October 1 – December 31, 2013**

	<b>4th Quarter 2013</b>	<b>YTD 2013</b>	<b>4th Quarter 2012</b>	<b>YTD 2012</b>
<b># HIV Tested</b>	4161	19341	5197	19945
<b># HIV Positive</b>	36	152	29	140
<b>% HIV Positive</b>	0.87	0.79	0.56	0.70

\* 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.

Source of Data: Ivan Cook  
 Florida Department of Health  
 Division of Disease Control and Health Protection  
 Bureau of Communicable Diseases  
 HIV/AIDS and Hepatitis Section  
 HIV Prevention Program  
 (850) 245-4336, ext. 2626