



## **Palm Beach County Health Department**

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**Epidemiology & Disease Control Program  
1050 15th Street West  
Riviera Beach, FL 33404**

**(561) 840-4566**

### **Disease Surveillance Report**

## **First Quarter - 2009**

**January 1 – March 31, 2009**

**Send inquiries or corrections to: Denise Pagán, Human Services Program Consultant I  
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**Note: Data indicated is provisional**

**Reportable Communicable Diseases and Other Conditions  
Palm Beach County, Florida  
January 1 – March 31, 2009**

<b>Disease/Condition</b>	<b>Cases During Jan to Mar 2009</b>	<b>Cumulative Cases For 2009</b>	<b>Cumulative Cases Same Time Last Year</b>
Invasive Haemophilus influenzae disease	7	7	9
Meningococcal infections	2	2	2
Meningitis, bacterial, cryptococcal, mycotic*	2	2	2
Streptococcus pneumoniae-drug resistant-invasive	16	16	11
Encephalitis, St. Louis	0	0	0
Encephalitis, chickenpox	0	0	0
Measles	0	0	0
Mumps	0	0	0
Rubella	0	0	0
Tetanus	0	0	0
Pertussis	5	5	1
Hepatitis A	2	2	3
Hepatitis B, acute	5	5	2
Hepatitis C, acute	0	0	0
Salmonellosis	67	67	80
Shigellosis	5	5	13
Campylobacteriosis	20	20	19
Giardiasis	36	36	22
Cryptosporidiosis	8	8	11
Cyclosporiasis	0	0	4
Typhoid fever	0	0	1
Escherichia coli, shiga toxin producing*	0	0	2
Vibrio infections	2	2	0
Animal rabies	0	0	0
Rabies, possible exposure*	22	22	24
Animal bites/exposure of a human - number reported to Animal Care and Control	526	526	510
Legionellosis	2	2	5
Lead poisoning	4	4	13
Malaria	3	3	2
Dengue fever	0	0	0
Lyme disease	2	2	1
Ciguatera	0	0	0

\*per new surveillance case definitions effective 08/06/08

Source: Palm Beach County Health Department  
Epidemiology & Disease Control Program

**Summary of Food and Water Related Complaints and Investigations  
Palm Beach County Health Department  
Palm Beach County, Florida  
January 1 – March 31, 2009**

	<b>FIRST QUARTER 2009</b>	<b>CUMULATIVE 2009</b>	<b>CUMULATIVE NUMBERS SAME TIME PREVIOUS YEAR</b>
<b>NUMBER OF COMPLAINTS</b>	<b>87</b>	<b>87</b>	<b>77</b>
<b>NUMBER OF OUTBREAKS</b>	<b>3</b>	<b>3</b>	<b>3</b>
<b>SUSPECT</b>	<b>2</b>	<b>2</b>	<b>3</b>
<b>CONFIRMED</b>	<b>1</b>	<b>1</b>	<b>0</b>
<b>NUMBER ILL</b>	<b>346</b>	<b>346</b>	<b>265</b>
<b>NUMBER OF ENVIRONMENTAL HEALTH INSPECTIONS</b>	<b>42</b>	<b>42</b>	<b>33</b>

Source: Palm Beach County Health Department  
Division of Environmental Health & Engineering

**AIDS Cases Among Adult and Adolescent Males  
By Race, Ethnicity and Exposure Category  
Palm Beach County, Florida  
Cumulative 1980 – March 31, 2009**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	1719	75	823	22	357	39	45	54	2944	42
Injection drug user (IDU)	154	7	503	14	100	11	7	8	764	11
Male to male contact / IDU	154	7	140	4	33	4	5	6	332	5
Hemophiliac	13	1	1	0	3	0	1	1	18	0
Heterosexual contact	98	4	1665	45	274	30	18	21	2055	29
Transfusion related	22	1	9	0	1	0	1	1	33	0
None of the above	125	6	547	15	157	17	7	8	836	12
<b>All Exposure Categories</b>	<b>2285</b>	<b>100</b>	<b>3688</b>	<b>100</b>	<b>925</b>	<b>100</b>	<b>84</b>	<b>100</b>	<b>6982</b>	<b>100</b>

**AIDS Cases Among Adult and Adolescent Females  
By Race, Ethnicity and Exposure Category  
Palm Beach County, Florida  
Cumulative 1980 – March 31, 2009**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	164	36	401	16	49	16	9	22	623	19
Hemophiliac	2	0	4	0	0	0	0	0	6	0
Heterosexual contact	221	48	1814	72	192	64	30	73	2257	68
Transfusion related	17	4	11	0	5	2	0	0	33	1
None of the above	52	11	282	11	56	19	2	5	392	12
<b>All Exposure Categories</b>	<b>456</b>	<b>100</b>	<b>2512</b>	<b>100</b>	<b>302</b>	<b>100</b>	<b>41</b>	<b>100</b>	<b>3311</b>	<b>100</b>

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

Source of Data: Lorene Maddox, MPH  
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  
January 1 – March 31, 2009**

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	6	24	5	63	2	100	19	43
Injection drug user (IDU)	1	11	2	8	0	0	0	0	3	7
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	1	11	12	48	3	38	0	0	16	36
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	1	11	5	20	0	0	0	0	6	14
<b>All Exposure Categories</b>	<b>9</b>	<b>100</b>	<b>25</b>	<b>100</b>	<b>8</b>	<b>100</b>	<b>2</b>	<b>100</b>	<b>44</b>	<b>100</b>

**AIDS Cases Among Adult and Adolescent Females  
By Race, Ethnicity and Exposure Category  
Palm Beach County, Florida  
January 1 – March 31, 2009**

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	100	0	0	1	4
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	4	100	17	85	0	0	1	100	22	85
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	0	0	3	15	0	0	0	0	3	11
<b>All Exposure Categories</b>	<b>4</b>	<b>100</b>	<b>20</b>	<b>100</b>	<b>1</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: Lorene Maddox, MPH  
Florida Department of Health  
Bureau of HIV/AIDS

**Pediatric AIDS Cases**  
**By Race, Ethnicity and Exposure Category**  
**Palm Beach County, Florida**  
**Cumulative 1980 – March 31, 2009**

Risk Group	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Mother with HIV/ HIV Risk	5	83	179	95	24	89	1	100	209	94
Transfusion related	0	0	1	1	0	0	0	0	1	0
Confirmed other	1	17	1	1	0	0	0	0	2	1
Pediatric other/ Undetermined	0	0	8	4	3	11	0	0	11	5
<b>Total</b>	<b>6</b>	<b>100</b>	<b>189</b>	<b>100</b>	<b>27</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>223</b>	<b>100</b>

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

Source of Data: Lorene Maddox, MPH  
 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 – March 31, 2009**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	480	73	240	26	125	49	12	32	857	45
Injection drug user (IDU)	28	4	53	6	10	4	3	8	94	5
Male to male contact / IDU	26	4	15	2	14	6	2	5	57	3
Hemophiliac	0	0	0	0	0	0	1	3	1	0
Heterosexual contact	42	6	455	49	59	23	11	29	567	30
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	85	13	171	18	45	18	9	24	310	16
<b>All Exposure Categories</b>	<b>661</b>	<b>100</b>	<b>934</b>	<b>100</b>	<b>253</b>	<b>100</b>	<b>38</b>	<b>100</b>	<b>1886</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 – March 31, 2009**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	54	26	44	5	10	8	4	21	112	8
Hemophiliac	1	0	1	0	1	1	0	0	3	0
Heterosexual contact	116	57	787	80	99	77	13	68	1015	76
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	34	17	148	15	18	14	2	11	202	15
<b>All Exposure Categories</b>	<b>205</b>	<b>100</b>	<b>980</b>	<b>100</b>	<b>128</b>	<b>100</b>	<b>19</b>	<b>100</b>	<b>1332</b>	<b>100</b>

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

Source of Data: Lorene Maddox, MPH  
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  
January 1 – March 31, 2009**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	9	60	7	30	2	50	0	0	18	43
Injection drug user (IDU)	0	0	1	4	0	0	0	0	1	2
Male to male contact / IDU	1	7	1	4	0	0	0	0	2	5
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	2	13	7	30	1	25	0	0	10	24
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	3	20	7	30	1	25	0	0	11	26
<b>All Exposure Categories</b>	<b>15</b>	<b>100</b>	<b>23</b>	<b>100</b>	<b>4</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>42</b>	<b>100</b>

**HIV Cases Among Adult and Adolescent Females  
By Race, Ethnicity and Exposure Category  
Palm Beach County, Florida  
January 1 – March 31, 2009**

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	4	67	13	68	1	50	0	0	18	67
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	2	33	6	32	1	50	0	0	9	33
<b>All Exposure Categories</b>	<b>6</b>	<b>100</b>	<b>19</b>	<b>100</b>	<b>2</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>27</b>	<b>100</b>

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

Source of Data: Lorene Maddox, MPH  
Florida Department of Health  
Bureau of HIV/AIDS

**Cases of Tuberculosis in Palm Beach County by Race/Ethnicity  
Palm Beach County  
January 1 – March 31, 2009**

<b>RACE/ETHNICITY</b>	<b>1st QTR 2009</b>	<b>YTD 2009</b>	<b>1st QTR 2008</b>	<b>YTD 2008</b>
<b>WHITE</b>	<b>2</b>	<b>2</b>	<b>11</b>	<b>11</b>
<b>BLACK</b>	<b>1</b>	<b>1</b>	<b>6</b>	<b>6</b>
<b>HISPANIC (also counted in White)</b>	<b>1</b>	<b>1</b>	<b>8</b>	<b>8</b>
<b>OTHER</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>1</b>
<b>TOTAL</b>	<b>5</b>	<b>5</b>	<b>18</b>	<b>18</b>

**Cases of Tuberculosis by HIV Co-Infection, Site of Disease and Multi-Drug Resistance  
Palm Beach County  
January 1 – March 31, 2009**

	<b>1st QTR 2009</b>	<b>YTD 2009</b>	<b>1st QTR 2008</b>	<b>YTD 2008</b>
<b>CO-INFECTION</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>3</b>
<b>PULMONARY</b>	<b>3</b>	<b>3</b>	<b>16</b>	<b>16</b>
<b>EXTRA PULMONARY</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</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>0</b>	<b>1</b>	<b>1</b>

**Cases of Tuberculosis by US Born and Foreign Born  
Palm Beach County  
January 1 – March 31, 2009**

	<b>1st QTR 2009</b>	<b>YTD 2009</b>	<b>1st QTR 2008</b>	<b>YTD 2008</b>
<b>US BORN</b>	<b>1</b>	<b>1</b>	<b>8</b>	<b>8</b>
<b>FOREIGN BORN</b>	<b>4</b>	<b>4</b>	<b>10</b>	<b>10</b>
<b>TOTAL</b>	<b>5</b>	<b>5</b>	<b>18</b>	<b>18</b>

Note: Current figures were obtained from TIMS, the Bureau of TB and Refugee Health reporting system. This has produced shifts in the data. For further information, contact Dawn Barmore at 561-804-7922.

Source of Data: Palm Beach County Health Department  
Division of HIV/STD/TB  
TB Control Program

**Cases of Sexually Transmitted Diseases by Sex  
Palm Beach County, Florida  
January 1 – March 31, 2009**

	<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>10</b>
<b>Secondary Syphilis</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>8</b>
<b>Total Infectious Syphilis</b>	<b>7</b>	<b>0</b>	<b>7</b>	
<b>Early Latent Syphilis</b>	<b>16</b>	<b>2</b>	<b>18</b>	<b>46</b>
<b>Late Latent Syphilis</b>	<b>6</b>	<b>5</b>	<b>11</b>	<b>28</b>
<b>Syphilis of Unknown Duration</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>8</b>
<b>Congenital Syphilis</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Syphilis</b>	<b>32</b>	<b>7</b>	<b>39</b>	<b>100</b>
<b>Gonorrhea</b>	<b>92</b>	<b>104</b>	<b>196</b>	
<b>Chlamydia</b>	<b>239</b>	<b>772</b>	<b>1011</b>	

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

Source of Data: Palm Beach County Health Department  
Division of HIV/STD/TB  
Sexually Transmitted Disease Program

**HIV Testing\***  
**Palm Beach County, Florida**  
**January 1 – March 31, 2009**

	<b>1st Quarter 2009</b>	<b>YTD 2009</b>	<b>1st Quarter 2008</b>	<b>YTD 2008</b>
<b># HIV Tested</b>	4598	4598	4939	4939
<b># HIV Positive</b>	73	73	73	73
<b>% HIV Positive</b>	1.59	1.59	1.48	1.48

\*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 January 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 Melissa Cox at (850) 245-4336, ext. 2626.

Source of Data: Melissa Cox  
 FL Department of Health  
 Bureau of HIV/AIDS  
 Prevention Section