



## **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 - 2008**

**January 1 - March 31, 2008**

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**Note: Data indicated is provisional**

**Reportable Communicable Diseases and Other Conditions  
Palm Beach County, Florida  
January 1 – March 31, 2008**

<b>Disease/Condition</b>	<b>Cases During Jan to Mar 2008</b>	<b>Cumulative Cases For 2008</b>	<b>Cumulative Cases Same Time Last Year</b>
Invasive Haemophilus influenzae disease	9	9	7
Meningococcal infections	2	2	0
Streptococcus pneumoniae meningitis	2	2	2
Streptococcus pneumoniae-drug resistant-invasive	11	11	9
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	1	1	3
Hepatitis A	3	3	4
Hepatitis B, acute	2	2	3
Hepatitis C, acute	0	0	0
Salmonellosis	81	81	63
Shigellosis	13	13	36
Campylobacteriosis	19	19	17
Giardiasis	22	22	14
Cryptosporidiosis	11	11	5
Cyclosporiasis	4	4	3
Typhoid fever	0	0	1
Escherichia coli O157:H7	0	0	1
Vibrio infections	0	0	0
Animal rabies	0	0	0
Human exposure to a potentially rabid animal	24	24	16
Animal bites/exposure of a human - number reported to Animal Care and Control	510	510	551
Legionellosis	5	5	3
Lead poisoning	13	13	2
Malaria	2	2	0
Dengue fever	0	0	0
Lyme disease	1	1	0
Ciguatera	0	0	0

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, 2008**

	<b>FIRST QUARTER 2008</b>	<b>CUMULATIVE 2008</b>	<b>CUMULATIVE NUMBERS SAME TIME PREVIOUS YEAR</b>
<b>NUMBER OF COMPLAINTS</b>	<b>77</b>	<b>77</b>	<b>100</b>
<b>NUMBER OF OUTBREAKS</b>	<b>3</b>	<b>3</b>	<b>1</b>
<b>SUSPECT</b>	<b>3</b>	<b>3</b>	<b>0</b>
<b>CONFIRMED</b>	<b>0</b>	<b>0</b>	<b>1</b>
<b>NUMBER ILL</b>	<b>265</b>	<b>265</b>	<b>161</b>
<b>NUMBER OF ENVIRONMENTAL HEALTH INSPECTIONS</b>	<b>33</b>	<b>33</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, 2008**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	1706	75	848	22	305	46	31	57	2890	42
Injection drug user (IDU)	157	7	532	14	84	13	3	6	776	11
Male to male contact / IDU	156	7	149	4	33	5	4	7	342	5
Hemophiliac	14	1	2	0	4	1	0	0	20	0
Heterosexual contact	97	4	1700	44	163	24	15	28	1975	29
Transfusion related	23	1	10	0	1	0	0	0	34	1
None of the above	134	6	643	17	76	11	1	2	854	2
<b>All Exposure Categories</b>	<b>2287</b>	<b>100</b>	<b>3884</b>	<b>100</b>	<b>666</b>	<b>100</b>	<b>54</b>	<b>100</b>	<b>6891</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, 2008**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	160	35	406	16	38	20	8	22	612	19
Hemophiliac	2	0	4	0	0	0	0	0	6	0
Heterosexual contact	217	48	1785	71	130	67	28	76	2160	67
Transfusion related	17	4	13	1	3	2	0	0	33	1
None of the above	58	13	313	12	23	12	1	3	395	12
<b>All Exposure Categories</b>	<b>454</b>	<b>100</b>	<b>2521</b>	<b>100</b>	<b>194</b>	<b>100</b>	<b>37</b>	<b>100</b>	<b>3206</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, 2008**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	9	82	5	13	3	33	0	0	17	29
Injection drug user (IDU)	0	0	1	3	0	0	0	0	1	2
Male to male contact / IDU	1	9	0	0	0	0	0	0	1	2
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	1	9	27	69	3	33	0	0	31	53
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	0	0	6	15	3	33	0	0	9	15
<b>All Exposure Categories</b>	<b>11</b>	<b>100</b>	<b>39</b>	<b>100</b>	<b>9</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>59</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, 2008**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	1	17	1	5	0	0	0	0	2	6
Hemophiliac	0	0	1	5	0	0	0	0	1	3
Heterosexual contact	3	50	17	81	4	80	0	0	24	75
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	2	33	2	10	1	20	0	0	5	16
<b>All Exposure Categories</b>	<b>6</b>	<b>100</b>	<b>21</b>	<b>100</b>	<b>5</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>32</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, 2008**

Risk Group	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Mother with HIV/ HIV Risk	6	86	195	98	16	94	0	0	217	98
Transfusion related	0	0	1	1	0	0	0	0	1	0
Confirmed other	1	14	1	1	0	0	0	0	2	1
Pediatric other/ Undetermined	0	0	1	1	1	6	0	0	2	1
<b>Total</b>	<b>7</b>	<b>100</b>	<b>198</b>	<b>100</b>	<b>17</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>222</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, 2008**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	452	72	217	24	120	50	10	35	799	44
Injection drug user (IDU)	29	5	55	6	10	4	2	7	96	5
Male to male contact / IDU	23	4	17	2	13	5	0	0	53	3
Hemophiliac	1	0	0	0	0	0	0	0	1	0
Heterosexual contact	39	6	453	50	52	22	10	35	554	31
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	82	13	172	19	43	18	7	24	304	17
<b>All Exposure Categories</b>	<b>626</b>	<b>100</b>	<b>914</b>	<b>100</b>	<b>238</b>	<b>100</b>	<b>29</b>	<b>100</b>	<b>1807</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, 2008**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	55	27	48	5	11	9	5	29	119	9
Hemophiliac	1	0	1	0	1	1	0	0	3	0
Heterosexual contact	113	55	738	77	87	74	9	53	947	73
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	37	18	166	17	19	16	3	18	225	17
<b>All Exposure Categories</b>	<b>206</b>	<b>100</b>	<b>953</b>	<b>100</b>	<b>118</b>	<b>100</b>	<b>17</b>	<b>100</b>	<b>1294</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, 2008**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	46	87	8	22	5	42	2	100	61	59
Injection drug user (IDU)	1	2	0	0	0	0	0	0	1	1
Male to male contact / IDU	2	4	2	6	0	0	0	0	4	4
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	0	0	21	58	4	33	0	0	25	24
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	4	8	5	14	3	25	0	0	12	12
<b>All Exposure Categories</b>	<b>53</b>	<b>100</b>	<b>36</b>	<b>100</b>	<b>12</b>	<b>100</b>	<b>2</b>	<b>100</b>	<b>103</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, 2008**

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	14	0	0	1	2
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	6	75	17	65	5	71	0	0	28	68
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	2	25	9	35	1	14	0	0	12	29
<b>All Exposure Categories</b>	<b>8</b>	<b>100</b>	<b>26</b>	<b>100</b>	<b>7</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: 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, 2008**

<b>RACE/ETHNICITY</b>	<b>1st QTR 2008</b>	<b>YTD 2008</b>	<b>1st QTR 2007</b>	<b>YTD 2007</b>
<b>WHITE</b>	<b>11</b>	<b>11</b>	<b>12</b>	<b>12</b>
<b>BLACK</b>	<b>6</b>	<b>6</b>	<b>0</b>	<b>0</b>
<b>HISPANIC</b>	<b>8</b>	<b>8</b>	<b>10</b>	<b>10</b>
<b>OTHER</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>3</b>
<b>TOTAL</b>	<b>18</b>	<b>18</b>	<b>15</b>	<b>15</b>

**Cases of Tuberculosis by HIV Co-Infection, Site of Disease and Multi-Drug Resistance  
Palm Beach County  
January 1 – March 31, 2008**

	<b>1st QTR 2008</b>	<b>YTD 2008</b>	<b>1st QTR 2007</b>	<b>YTD 2007</b>
<b>CO-INFECTION</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>2</b>
<b>PULMONARY</b>	<b>16</b>	<b>16</b>	<b>13</b>	<b>13</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>

**Cases of Tuberculosis by US Born and Foreign Born  
Palm Beach County  
January 1 – March 31, 2008**

	<b>1st QTR 2008</b>	<b>YTD 2008</b>	<b>1st QTR 2007</b>	<b>YTD 2007</b>
<b>US BORN</b>	<b>8</b>	<b>8</b>	<b>5</b>	<b>5</b>
<b>FOREIGN BORN</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>
<b>TOTAL</b>	<b>18</b>	<b>18</b>	<b>15</b>	<b>15</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, 2008**

	<b>Males</b>	<b>Females</b>	<b>Total</b>	<b>Percent</b>
<b>Primary Syphilis</b>	1	0	1	1
<b>Secondary Syphilis</b>	3	1	4	7
<b>Total Infectious Syphilis</b>	4	1	5	
<b>Early Latent Syphilis</b>	9	2	11	19
<b>Late Latent Syphilis</b>	21	10	31	54
<b>Syphilis of Unknown Duration</b>	6	5	11	19
<b>Congenital Syphilis</b>	0	0	0	0
<b>Total Syphilis</b>	40	18	58	100
<b>Gonorrhea</b>	164	159	323	
<b>Chlamydia</b>	286	715	1001	

**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, 2008**

	<b>1st Quarter 2008</b>	<b>YTD 2008</b>	<b>1st Quarter 2007</b>	<b>YTD 2007</b>
<b># HIV Tested</b>	4939	4939	5007	5007
<b># HIV Positive</b>	73	73	68	68
<b>% HIV Positive</b>	1.5	1.5	1.4	1.4

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

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