



## **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**

## **Second Quarter - 2008**

**April 1 - June 30, 2008**

**Send inquiries or corrections to: Denise Pagán, Human Services Program Consultant I  
Phone: (561) 840-4566 Fax: (561) 845-4496 E-mail: DeniseA\_Pagan@doh.state.fl.us**

**Note: Data indicated is provisional**

**Reportable Communicable Diseases and Other Conditions**  
**Palm Beach County, Florida**  
**April 1 – June 30, 2008**

<b>Disease/Condition</b>	<b>Cases During April to June 2008</b>	<b>Cumulative Cases For 2008</b>	<b>Cumulative Cases Same Time Last Year</b>
Invasive Haemophilus influenzae disease	3	12	14
Meningococcal infections	0	2	0
Streptococcus pneumoniae meningitis	1	3	2
Streptococcus pneumoniae-drug resistant-invasive	14	25	14
Encephalitis, St. Louis	0	0	0
Encephalitis, chickenpox	0	0	0
Measles	0	0	0
Mumps	1	1	0
Rubella	0	0	0
Tetanus	0	0	0
Pertussis	2	3	9
Hepatitis A	3	6	5
Hepatitis B, acute	5	7	6
Hepatitis C, acute	0	0	0
Salmonellosis	74	154	128
Shigellosis	29	42	65
Campylobacteriosis	25	44	39
Giardiasis	23	45	31
Cryptosporidiosis	8	19	7
Cyclosporiasis	5	9	6
Typhoid fever	0	1	1
Escherichia coli O157:H7	2	2	2
Vibrio infections	1	1	1
Animal rabies	1	1	1
Human exposure to a potentially rabid animal	23	47	26
Animal bites/exposure of a human - number reported to Animal Care and Control	530	1040	1136
Legionellosis	7	12	3
Lead poisoning	26	39	4
Malaria	0	2	1
Dengue fever	2	2	1
Lyme disease	0	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  
April 1 – June 30, 2008**

	<b>SECOND QUARTER 2008</b>	<b>CUMULATIVE 2008</b>	<b>CUMULATIVE NUMBERS SAME TIME PREVIOUS YEAR</b>
<b>NUMBER OF COMPLAINTS</b>	<b>60</b>	<b>137</b>	<b>164</b>
<b>NUMBER OF OUTBREAKS</b>	<b>4</b>	<b>7</b>	<b>1</b>
<b>SUSPECT</b>	<b>1</b>	<b>4</b>	<b>0</b>
<b>CONFIRMED</b>	<b>3</b>	<b>3</b>	<b>1</b>
<b>NUMBER ILL</b>	<b>95</b>	<b>360</b>	<b>291</b>
<b>NUMBER OF ENVIRONMENTAL HEALTH INSPECTIONS</b>	<b>22</b>	<b>55</b>	<b>50</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 – June 30, 2008**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	1720	75	853	22	311	46	31	55	2915	42
Injection drug user (IDU)	158	7	534	14	85	13	4	7	781	11
Male to male contact / IDU	156	7	149	4	34	5	4	7	343	5
Hemophiliac	14	1	2	0	4	1	0	0	20	0
Heterosexual contact	99	4	1721	44	166	25	16	29	2002	29
Transfusion related	23	1	10	0	1	0	0	0	34	1
None of the above	133	6	641	16	76	11	1	2	851	12
<b>All Exposure Categories</b>	<b>2303</b>	<b>100</b>	<b>3910</b>	<b>100</b>	<b>677</b>	<b>100</b>	<b>56</b>	<b>100</b>	<b>6946</b>	<b>100</b>

**AIDS Cases Among Adult and Adolescent Females  
By Race, Ethnicity and Exposure Category  
Palm Beach County, Florida  
Cumulative 1980 – June 30, 2008**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	159	35	408	16	40	20	7	20	614	19
Hemophiliac	2	0	4	0	0	0	0	0	6	0
Heterosexual contact	219	48	1799	71	131	67	27	77	2176	68
Transfusion related	17	4	13	1	3	2	0	0	33	1
None of the above	58	13	316	12	21	11	1	3	396	12
<b>All Exposure Categories</b>	<b>455</b>	<b>100</b>	<b>2540</b>	<b>100</b>	<b>195</b>	<b>100</b>	<b>35</b>	<b>100</b>	<b>3225</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  
April 1 – June 30, 2008**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	13	81	7	22	4	50	1	100	25	44
Injection drug user (IDU)	1	6	2	6	0	0	0	0	3	5
Male to male contact / IDU	0	0	0	0	1	13	0	0	1	2
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	1	6	20	63	3	38	0	0	24	42
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	1	6	3	9	0	0	0	0	4	7
<b>All Exposure Categories</b>	<b>16</b>	<b>100</b>	<b>32</b>	<b>100</b>	<b>8</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>57</b>	<b>100</b>

**AIDS Cases Among Adult and Adolescent Females  
By Race, Ethnicity and Exposure Category  
Palm Beach County, Florida  
April 1 – June 30, 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	2	100	0	0	2	10
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	1	100	15	88	0	0	0	0	16	80
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	0	0	2	12	0	0	0	0	2	10
<b>All Exposure Categories</b>	<b>1</b>	<b>100</b>	<b>17</b>	<b>100</b>	<b>2</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>20</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 – June 30, 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>1</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 – June 30, 2008**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	476	73	229	24	127	51	10	33	842	45
Injection drug user (IDU)	30	5	55	6	10	4	2	7	97	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	40	6	468	50	54	22	11	37	573	31
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	82	13	175	19	44	18	7	23	308	16
<b>All Exposure Categories</b>	<b>652</b>	<b>100</b>	<b>944</b>	<b>100</b>	<b>248</b>	<b>100</b>	<b>30</b>	<b>100</b>	<b>1874</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 – June 30, 2008**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	57	27	48	5	12	10	5	26	122	9
Hemophiliac	1	1	1	0	1	1	0	0	3	0
Heterosexual contact	115	55	776	79	95	75	12	63	998	75
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	36	17	161	16	18	14	2	11	217	16
<b>All Exposure Categories</b>	<b>209</b>	<b>100</b>	<b>986</b>	<b>100</b>	<b>126</b>	<b>100</b>	<b>19</b>	<b>100</b>	<b>1340</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  
April 1 – June 30, 2008**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	28	82	16	35	5	50	0	0	49	54
Injection drug user (IDU)	1	3	0	0	0	0	0	0	1	1
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	3	19	41	1	10	1	100	22	24
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	4	12	11	24	4	40	0	0	19	21
<b>All Exposure Categories</b>	<b>34</b>	<b>100</b>	<b>46</b>	<b>100</b>	<b>10</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>91</b>	<b>100</b>

**HIV Cases Among Adult and Adolescent Females  
By Race, Ethnicity and Exposure Category  
Palm Beach County, Florida  
April 1 – June 30, 2008**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	2	40	1	3	1	10	0	0	4	7
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	3	60	33	85	9	90	1	100	46	84
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	0	0	5	13	0	0	0	0	5	9
<b>All Exposure Categories</b>	<b>5</b>	<b>100</b>	<b>39</b>	<b>100</b>	<b>10</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>55</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  
April 1 – June 30, 2008**

RACE/ETHNICITY	2nd QTR 2008	YTD 2008	2nd QTR 2007	YTD 2007
WHITE	8	17	13	24
BLACK	6	14	10	10
HISPANIC (also counted in White)	5	11	10	20
OTHER	1	4	0	2
<b>TOTAL</b>	<b>15</b>	<b>35</b>	<b>23</b>	<b>36</b>

**Cases of Tuberculosis by HIV Co-Infection, Site of Disease and Multi-Drug Resistance  
Palm Beach County  
April 1 – June 30, 2008**

	2nd QTR 2008	YTD 2008	2nd QTR 2007	YTD 2007
CO-INFECTION	5	7	4	6
PULMONARY	13	30	22	33
EXTRA PULMONARY	1	2	1	3
MULTI-DRUG RESISTANCE	0	0	0	0
BOTH PULMONARY & EXTRA PULMONARY	1	3	NA	NA

**Cases of Tuberculosis by US Born and Foreign Born  
Palm Beach County  
April 1 – June 30, 2008**

	2nd QTR 2008	YTD 2008	2nd QTR 2007	YTD 2007
US BORN	3	11	10	15
FOREIGN BORN	12	24	13	21
<b>TOTAL</b>	<b>15</b>	<b>35</b>	<b>23</b>	<b>36</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  
April 1 – June 30, 2008**

	<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>3</b>	<b>1</b>	<b>4</b>	<b>6</b>
<b>Total Infectious Syphilis</b>	<b>6</b>	<b>1</b>	<b>7</b>	
<b>Early Latent Syphilis</b>	<b>16</b>	<b>4</b>	<b>20</b>	<b>28</b>
<b>Late Latent Syphilis</b>	<b>18</b>	<b>15</b>	<b>33</b>	<b>47</b>
<b>Syphilis of Unknown Duration</b>	<b>6</b>	<b>5</b>	<b>11</b>	<b>15</b>
<b>Congenital Syphilis</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Syphilis</b>	<b>46</b>	<b>25</b>	<b>71</b>	<b>100</b>
<b>Gonorrhea</b>	<b>128</b>	<b>136</b>	<b>264</b>	
<b>Chlamydia</b>	<b>225</b>	<b>607</b>	<b>832</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**  
**April 1 – June 30, 2008**

	<b>2nd Quarter 2008</b>	<b>YTD 2008</b>	<b>2nd Quarter 2007</b>	<b>YTD 2007</b>
<b># HIV Tested</b>	5617	11029	5525	10538
<b># HIV Positive</b>	75	155	72	140
<b>% HIV Positive</b>	1.3	1.4	1.3	1.3

\*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.

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