



## **Palm Beach County Health Department**

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

**(561) 840-4566  
SC 263-4566**

### **Disease Surveillance Report**

## **Second Quarter - 2006**

**April 1 - June 30, 2006**

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**Note: Data indicated is provisional**

**Reportable Communicable Diseases and Other Conditions**  
**Palm Beach County, Florida**  
**April 1 – June 30, 2006**

<b>Disease/Condition</b>	<b>Cases During April to June 2006</b>	<b>Cumulative Cases For 2006</b>	<b>Cumulative Cases Same Time Last Year</b>
Invasive Haemophilus influenzae disease	9	14	9
Meningococcal infections	1	4	3
Streptococcus pneumoniae meningitis	0	3	2
Streptococcus pneumoniae-drug resistant-invasive	12	36	40
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	3	2
Hepatitis A	6	17	4
Hepatitis B, acute	6	16	24
Hepatitis C, acute	0	0	0
Salmonellosis	69	125	122
Shigellosis	8	20	15
Campylobacteriosis	28	51	36
Giardiasis	13	30	27
Cryptosporidiosis	5	5	4
Cyclosporiasis	3	5	25
Typhoid fever	1	1	0
Escherichia coli O157:H7	0	0	2
Vibrio infections	2	3	2
Animal rabies	3	3	8
Human exposure to a potentially rabid animal*	25	50	47
Animal bites/exposure of a human - number reported to Animal Care and Control	632	1202	1145
Legionellosis	4	8	9
Lead poisoning	10	14	20
Malaria	1	1	4
Dengue fever	0	0	0
Lyme disease	0	0	2
Ciguatera	0	0	2

NA = Not Available

\*Changed by Bureau of Epi, effective June 4, 2000

Source: Palm Beach County Health Department  
Division of Epidemiology & Disease Control

**Summary of Food Related Complaints and Investigations  
Palm Beach County Health Department  
Palm Beach County, Florida  
April 1 – June 30, 2006**

	<b>FIRST QUARTER 2006</b>	<b>CUMULATIVE 2006</b>	<b>CUMULATIVE NUMBERS SAME TIME PREVIOUS YEAR</b>
<b>NUMBER OF COMPLAINTS</b>	<b>62</b>	<b>122</b>	<b>129</b>
<b>NUMBER OF OUTBREAKS</b>	<b>5</b>	<b>6</b>	<b>4</b>
<b>SUSPECT</b>	<b>4</b>	<b>5</b>	<b>4</b>
<b>CONFIRMED</b>	<b>1</b>	<b>1</b>	<b>0</b>
<b>NUMBER ILL</b>	<b>412</b>	<b>537</b>	<b>386</b>
<b>NUMBER OF ENVIRONMENTAL HEALTH INSPECTIONS</b>	<b>30</b>	<b>59</b>	<b>56</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, 2006**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	1640	74	792	21	274	46	26	62	2732	42
Injection drug user (IDU)	155	7	513	14	81	14	1	2	750	11
Male to male contact / IDU	149	7	143	4	27	5	3	7	322	5
Hemophiliac	14	1	2	0	4	1	0	0	20	0
Heterosexual contact	87	4	1537	41	126	21	11	26	1761	29
Transfusion related	24	1	11	0	2	0	0	0	37	1
None of the above	147	7	712	19	82	14	1	2	942	14
<b>All Exposure Categories</b>	<b>2216</b>	<b>100</b>	<b>3710</b>	<b>100</b>	<b>596</b>	<b>100</b>	<b>42</b>	<b>100</b>	<b>6564</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, 2006**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	148	35	387	16	37	22	3	14	575	19
Hemophiliac	2	1	2	0	0	0	0	0	4	0
Heterosexual contact	188	45	1617	68	107	64	19	86	1931	64
Transfusion related	17	4	13	1	3	2	0	0	33	1
None of the above	64	15	372	16	21	13	0	0	457	15
<b>All Exposure Categories</b>	<b>419</b>	<b>100</b>	<b>2391</b>	<b>100</b>	<b>168</b>	<b>100</b>	<b>22</b>	<b>100</b>	<b>3000</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, 2006**

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	7	35	2	40	1	50	16	44
Injection drug user (IDU)	0	0	2	10	0	0	0	0	2	6
Male to male contact / IDU	0	0	0	0	1	20	0	0	1	3
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	1	11	10	50	2	40	1	50	14	39
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	2	22	1	5	0	0	0	0	3	8
<b>All Exposure Categories</b>	<b>9</b>	<b>100</b>	<b>20</b>	<b>100</b>	<b>5</b>	<b>100</b>	<b>2</b>	<b>100</b>	<b>36</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, 2006**

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	4	1	100	0	0	3	8
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	5	83	25	89	0	0	2	100	32	87
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	0	0	2	7	0	0	0	0	2	5
<b>All Exposure Categories</b>	<b>6</b>	<b>100</b>	<b>28</b>	<b>100</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>100</b>	<b>37</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, 2006**

Risk Group	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Mother with HIV	6	100	195	99	15	88	0	0	216	99
Pediatric Oth/Undetermined	0	0	1	1	2	12	0	0	3	1
<b>Total</b>	<b>6</b>	<b>100</b>	<b>196</b>	<b>100</b>	<b>17</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>219</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, 2006**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	350	68	175	21	93	48	5	26	623	40
Injection drug user (IDU)	24	5	47	6	10	5	1	5	82	5
Male to male contact / IDU	16	3	10	1	10	5	0	0	36	2
Hemophiliac	1	0	0	0	0	0	0	0	1	0
Heterosexual contact	37	7	415	49	39	20	6	32	497	32
Transfusion related	0	0	0	0	0	0	1	5	1	0
None of the above	85	17	204	24	41	21	6	32	336	21
<b>All Exposure Categories</b>	<b>513</b>	<b>100</b>	<b>851</b>	<b>100</b>	<b>193</b>	<b>100</b>	<b>19</b>	<b>100</b>	<b>1576</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, 2006**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	46	23	40	4	11	11	4	25	101	8
Hemophiliac	1	1	3	0	1	1	0	0	5	0
Heterosexual contact	102	52	649	71	63	64	9	56	823	67
Transfusion related	0	0	1	0	0	0	0	0	1	0
None of the above	48	24	221	24	23	23	3	19	295	24
<b>All Exposure Categories</b>	<b>197</b>	<b>100</b>	<b>914</b>	<b>100</b>	<b>98</b>	<b>100</b>	<b>16</b>	<b>100</b>	<b>1225</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, 2006**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	11	92	4	14	4	57	0	0	19	40
Injection drug user (IDU)	0	0	2	7	0	0	0	0	2	4
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	8	17	61	3	43	0	0	21	45
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	0	0	5	18	0	0	0	0	5	11
<b>All Exposure Categories</b>	<b>12</b>	<b>100</b>	<b>28</b>	<b>100</b>	<b>7</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>47</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, 2006**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	1	9	0	0	1	14	0	0	2	5
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	9	82	18	86	5	71	0	0	32	82
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	1	9	3	14	1	14	0	0	5	13
<b>All Exposure Categories</b>	<b>11</b>	<b>100</b>	<b>21</b>	<b>100</b>	<b>7</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>39</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, 2006**

<b>RACE/ETHNICITY</b>	<b>2nd QTR 2006</b>	<b>YTD 2006</b>	<b>2nd QTR 2005</b>	<b>YTD 2005</b>
<b>WHITE</b>	<b>2</b>	<b>7</b>	<b>2</b>	<b>7</b>
<b>BLACK</b>	<b>9</b>	<b>18</b>	<b>9</b>	<b>19</b>
<b>HISPANIC</b>	<b>3</b>	<b>9</b>	<b>3</b>	<b>8</b>
<b>OTHER</b>	<b>1</b>	<b>5</b>	<b>4</b>	<b>4</b>
<b>TOTAL</b>	<b>15</b>	<b>39</b>	<b>18</b>	<b>38</b>

**Cases of Tuberculosis by HIV Co-Infection, Site of Disease and Multi-Drug Resistance  
Palm Beach County  
April 1 – June 30, 2006**

	<b>2nd QTR 2006</b>	<b>YTD 2006</b>	<b>2nd QTR 2005</b>	<b>YTD 2005</b>
<b>CO-INFECTION</b>	<b>6</b>	<b>8</b>	<b>2</b>	<b>6</b>
<b>PULMONARY</b>	<b>11</b>	<b>33</b>	<b>14</b>	<b>33</b>
<b>EXTRA PULMONARY</b>	<b>4</b>	<b>6</b>	<b>5</b>	<b>6</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  
April 1 – June 30, 2006**

	<b>2nd QTR 2006</b>	<b>YTD 2006</b>	<b>2nd QTR 2005</b>	<b>YTD 2005</b>
<b>US BORN</b>	<b>6</b>	<b>15</b>	<b>5</b>	<b>14</b>
<b>FOREIGN BORN</b>	<b>9</b>	<b>24</b>	<b>13</b>	<b>24</b>
<b>TOTAL</b>	<b>15</b>	<b>39</b>	<b>18</b>	<b>38</b>

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, 2006**

	<b>Males</b>	<b>Females</b>	<b>Total</b>	<b>Percent</b>
<b>Primary Syphilis</b>	1	0	1	5
<b>Secondary Syphilis</b>	1	0	1	5
<b>Total Infectious Syphilis</b>	2	0	2	
<b>Early Latent Syphilis</b>	6	1	7	35
<b>Late Latent Syphilis</b>	3	4	7	35
<b>Syphilis of Unknown Duration</b>	1	3	4	20
<b>Congenital Syphilis</b>	0	0	0	0
<b>Total Syphilis</b>	12	8	20	100
<b>Gonorrhea</b>	135	148	283	
<b>Chlamydia</b>	105	440	545	

**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, 2006**

	<b>2nd Quarter 2006</b>	<b>YTD 2006</b>	<b>2nd Quarter 2005</b>	<b>YTD 2005</b>
<b># HIV Tested</b>	4043	8270	4068	7940
<b># HIV Positive</b>	71	141	84	177
<b>% HIV Positive</b>	1.8%	1.7%	2.1%	2.2%

\*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 Melinda Waters at SC 205-4444, ext. 2569.

Source of Data: Melinda Waters  
 FL Department of Health  
 Bureau of HIV/AIDS  
 Early Intervention Section