



## **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**

## **Fourth Quarter - 2006**

**October 1 - December 31, 2006**

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**Note: Data indicated is provisional**

**Reportable Communicable Diseases and Other Conditions**  
**Palm Beach County, Florida**  
**October 1 – December 31, 2006**

<b>Disease/Condition</b>	<b>Cases During Oct to Dec 2006</b>	<b>Cumulative Cases For 2006</b>	<b>Cumulative Cases Same Time Last Year</b>
Invasive Haemophilus influenzae disease	2	17	17
Meningococcal infections	3	7	4
Streptococcus pneumoniae meningitis	2	5	2
Streptococcus pneumoniae-drug resistant-invasive	11	56	54
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	2	10	7
Hepatitis A	4	36	21
Hepatitis B, acute	3	26	45
Hepatitis C, acute	0	3	1
Salmonellosis	107	345	371
Shigellosis	22	54	79
Campylobacteriosis	14	83	61
Giardiasis	21	78	73
Cryptosporidiosis	6	19	22
Cyclosporiasis	1	10	31
Typhoid fever	0	1	2
Escherichia coli O157:H7	0	0	5
Vibrio infections	2	8	9
Animal rabies	1	6	10
Human exposure to a potentially rabid animal*	16	91	99
Animal bites/exposure of a human - number reported to Animal Care and Control	493	2188	2283
Legionellosis	2	21	18
Lead poisoning	4	23	34
Malaria	2	6	8
Dengue fever	2	3	3
Lyme disease	3	5	5
Ciguatera	3	6	3

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  
October 1 – December 31, 2006**

	<b>FOURTH QUARTER 2006</b>	<b>CUMULATIVE 2006</b>	<b>CUMULATIVE NUMBERS SAME TIME PREVIOUS YEAR</b>
<b>NUMBER OF COMPLAINTS</b>	<b>89</b>	<b>270</b>	<b>228</b>
<b>NUMBER OF OUTBREAKS</b>	<b>1</b>	<b>9</b>	<b>6</b>
<b>SUSPECT</b>	<b>1</b>	<b>8</b>	<b>6</b>
<b>CONFIRMED</b>	<b>0</b>	<b>1</b>	<b>0</b>
<b>NUMBER ILL</b>	<b>162</b>	<b>811</b>	<b>597</b>
<b>NUMBER OF ENVIRONMENTAL HEALTH INSPECTIONS</b>	<b>34</b>	<b>117</b>	<b>92</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 – December 31, 2006**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	1669	74	809	22	280	46	28	61	2786	42
Injection drug user (IDU)	156	7	521	14	81	13	1	2	759	11
Male to male contact / IDU	150	7	146	4	28	5	3	7	327	5
Hemophiliac	14	1	2	0	4	1	0	0	20	0
Heterosexual contact	91	4	1602	43	138	23	13	28	1844	28
Transfusion related	24	1	11	0	2	0	0	0	37	1
None of the above	143	6	680	18	76	13	1	2	900	14
<b>All Exposure Categories</b>	<b>2247</b>	<b>100</b>	<b>3771</b>	<b>100</b>	<b>609</b>	<b>100</b>	<b>46</b>	<b>100</b>	<b>6673</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, 2006**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	151	36	398	16	37	21	4	15	590	19
Hemophiliac	2	1	2	0	0	0	0	0	4	0
Heterosexual contact	199	47	1673	69	113	65	22	82	2007	66
Transfusion related	17	4	13	1	3	2	0	0	33	1
None of the above	57	13	346	14	22	13	1	4	426	14
<b>All Exposure Categories</b>	<b>426</b>	<b>100</b>	<b>2432</b>	<b>100</b>	<b>175</b>	<b>100</b>	<b>27</b>	<b>100</b>	<b>3060</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  
October 1 – December 31, 2006**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	23	74	16	24	6	38	0	0	45	39
Injection drug user (IDU)	1	3	6	9	0	0	0	0	7	6
Male to male contact / IDU	1	3	1	2	0	0	0	0	2	2
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	3	10	38	56	7	44	2	100	50	43
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	3	10	7	10	3	19	0	0	13	11
<b>All Exposure Categories</b>	<b>31</b>	<b>100</b>	<b>68</b>	<b>100</b>	<b>16</b>	<b>100</b>	<b>2</b>	<b>100</b>	<b>117</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, 2006**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	3	20	3	7	0	0	0	0	6	9
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	11	73	39	85	4	80	0	0	54	82
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	1	7	4	9	1	20	0	0	6	9
<b>All Exposure Categories</b>	<b>15</b>	<b>100</b>	<b>46</b>	<b>100</b>	<b>5</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>66</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 – December 31, 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	16	94	0	0	217	99
Pediatric Oth/Undetermined	0	0	1	1	1	6	0	0	2	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 – December 31, 2006**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	363	69	185	22	99	48	5	26	652	40
Injection drug user (IDU)	27	5	50	6	11	5	1	5	89	6
Male to male contact / IDU	18	3	12	1	13	6	0	0	43	3
Hemophiliac	1	0	0	0	0	0	0	0	1	0
Heterosexual contact	37	7	426	50	45	22	6	32	514	32
Transfusion related	0	0	0	0	0	0	1	5	1	0
None of the above	80	15	188	22	39	19	6	32	313	19
<b>All Exposure Categories</b>	<b>526</b>	<b>100</b>	<b>861</b>	<b>100</b>	<b>207</b>	<b>100</b>	<b>19</b>	<b>100</b>	<b>1613</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, 2006**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	47	24	45	5	10	10	5	25	107	9
Hemophiliac	1	1	3	0	1	1	0	0	5	0
Heterosexual contact	104	54	674	73	66	67	12	60	856	70
Transfusion related	0	0	1	0	0	0	0	0	1	0
None of the above	42	22	195	21	22	22	3	15	2362	21
<b>All Exposure Categories</b>	<b>194</b>	<b>100</b>	<b>918</b>	<b>100</b>	<b>99</b>	<b>100</b>	<b>20</b>	<b>100</b>	<b>1231</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  
October 1 – December 31, 2006**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	20	67	12	28	8	38	0	0	40	43
Injection drug user (IDU)	2	7	1	2	2	10	0	0	5	5
Male to male contact / IDU	2	7	2	5	2	10	0	0	6	6
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	3	10	22	51	8	38	0	0	33	35
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	3	10	6	14	1	5	0	0	10	11
<b>All Exposure Categories</b>	<b>30</b>	<b>100</b>	<b>43</b>	<b>100</b>	<b>21</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>94</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, 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	13	3	6	0	0	0	0	4	7
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	5	63	38	79	5	83	0	0	48	77
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	2	25	7	15	1	17	0	0	10	16
<b>All Exposure Categories</b>	<b>8</b>	<b>100</b>	<b>48</b>	<b>100</b>	<b>6</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>62</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**

**October 1 – December 31, 2006**

<b>RACE/ETHNICITY</b>	<b>4th QTR 2006</b>	<b>YTD 2006</b>	<b>4th QTR 2005</b>	<b>YTD 2005</b>
<b>WHITE</b>	3	12	2	14
<b>BLACK</b>	18	43	14	50
<b>HISPANIC</b>	6	22	7	21
<b>OTHER</b>	0	5	1	7
<b>TOTAL</b>	27	82	24	92

**Cases of Tuberculosis by HIV Co-Infection, Site of Disease and Multi-Drug Resistance**

**Palm Beach County**

**October 1 – December 31, 2006**

	<b>4th QTR 2006</b>	<b>YTD 2006</b>	<b>4th QTR 2005</b>	<b>YTD 2005</b>
<b>CO-INFECTION</b>	6	16	5	18
<b>PULMONARY</b>	21	66	19	78
<b>EXTRA PULMONARY</b>	6	16	6	15
<b>MULTI-DRUG RESISTANCE</b>	0	0	0	0

**Cases of Tuberculosis by US Born and Foreign Born**

**Palm Beach County**

**October 1 – December 31, 2006**

	<b>4th QTR 2006</b>	<b>YTD 2006</b>	<b>4th QTR 2005</b>	<b>YTD 2005</b>
<b>US BORN</b>	12	34	9	35
<b>FOREIGN BORN</b>	15	48	15	57
<b>TOTAL</b>	27	82	24	92

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  
October 1 – December 31, 2006**

	<b>Males</b>	<b>Females</b>	<b>Total</b>	<b>Percent</b>
<b>Primary Syphilis</b>	1	0	1	6
<b>Secondary Syphilis</b>	2	0	2	12.5
<b>Total Infectious Syphilis</b>	3	0	3	
<b>Early Latent Syphilis</b>	2	1	3	19
<b>Late Latent Syphilis</b>	3	5	8	50
<b>Syphilis of Unknown Duration</b>	1	1	2	12.5
<b>Congenital Syphilis</b>	0	0	0	0
<b>Total Syphilis</b>	9	7	16	100
<b>Gonorrhea</b>	133	147	280	
<b>Chlamydia</b>	95	493	588	

**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**  
**October 1 – December 31, 2006**

	<b>4th Quarter 2006</b>	<b>YTD 2006</b>	<b>4th Quarter 2005</b>	<b>YTD 2005</b>
<b># HIV Tested</b>	3803	15835	3684	16119
<b># HIV Positive</b>	71	283	71	346
<b>% HIV Positive</b>	1.9	1.8	1.9	2.1

\*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