



## **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**

## **Fourth Quarter - 2008**

**October 1 – December 31, 2008**

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**Note: Data indicated is provisional**

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

<b>Disease/Condition</b>	<b>Cases During Oct to Dec 2008</b>	<b>Cumulative Cases For 2008</b>	<b>Cumulative Cases Same Time Last Year</b>
Invasive Haemophilus influenzae disease	3	18	17
Meningococcal infections	1	4	0
Meningitis, bacterial, cryptococcal, mycotic*	5	16	17
Streptococcus pneumoniae-drug resistant-invasive	14	48	33
Encephalitis, St. Louis	0	0	0
Encephalitis, chickenpox	0	0	0
Measles	0	0	0
Mumps	0	1	0
Rubella	0	0	0
Tetanus	0	0	0
Pertussis	2	6	12
Hepatitis A	3	17	11
Hepatitis B, acute	4	17	14
Hepatitis C, acute	0	1	0
Salmonellosis	116	355	341
Shigellosis	12	76	101
Campylobacteriosis	15	86	66
Giardiasis	45	118	72
Cryptosporidiosis	7	37	46
Cyclosporiasis	0	12	10
Typhoid fever	1	5	3
Escherichia coli, shiga toxin producing*	1	13	17
Vibrio infections	1	3	6
Animal rabies	0	3	3
Rabies, possible exposure*	15	102	71
Animal bites/exposure of a human - number reported to Animal Care and Control	548	2161	2266
Legionellosis	2	18	16
Lead poisoning	7	56	16
Malaria	0	4	5
Dengue fever	1	4	5
Lyme disease	4	10	4
Ciguatera	0	11	11

\*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  
October 1 – December 31, 2008**

	<b>FOURTH QUARTER 2008</b>	<b>CUMULATIVE 2008</b>	<b>CUMULATIVE NUMBERS SAME TIME PREVIOUS YEAR</b>
<b>NUMBER OF COMPLAINTS</b>	<b>47</b>	<b>265</b>	<b>295</b>
<b>NUMBER OF OUTBREAKS</b>	<b>2</b>	<b>15</b>	<b>13</b>
<b>SUSPECT</b>	<b>1</b>	<b>7</b>	<b>7</b>
<b>CONFIRMED</b>	<b>1</b>	<b>8</b>	<b>6</b>
<b>NUMBER ILL</b>	<b>108</b>	<b>544</b>	<b>524</b>
<b>NUMBER OF ENVIRONMENTAL HEALTH INSPECTIONS</b>	<b>27</b>	<b>100</b>	<b>110</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, 2008**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	1734	75	867	22	317	46	32	50	2950	42
Injection drug user (IDU)	160	7	537	14	88	13	5	8	790	11
Male to male contact / IDU	156	7	154	4	34	5	5	8	349	5
Hemophiliac	13	1	2	0	4	1	0	0	19	0
Heterosexual contact	100	4	1770	45	167	24	18	28	2055	29
Transfusion related	22	1	10	0	1	0	1	2	34	1
None of the above	130	6	632	16	78	11	3	5	843	12
<b>All Exposure Categories</b>	<b>2315</b>	<b>100</b>	<b>3972</b>	<b>100</b>	<b>689</b>	<b>100</b>	<b>64</b>	<b>100</b>	<b>7040</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, 2008**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	165	36	408	16	41	20	8	21	622	19
Hemophiliac	2	0	4	0	0	0	0	0	6	0
Heterosexual contact	222	48	1850	72	136	67	28	74	2236	68
Transfusion related	17	4	14	1	3	2	0	0	34	1
None of the above	55	12	310	12	22	11	2	5	389	12
<b>All Exposure Categories</b>	<b>461</b>	<b>100</b>	<b>2586</b>	<b>100</b>	<b>202</b>	<b>100</b>	<b>38</b>	<b>100</b>	<b>3287</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, 2008**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	12	71	8	23	8	62	0	0	28	43
Injection drug user (IDU)	0	0	1	3	1	8	0	0	2	3
Male to male contact / IDU	1	6	1	3	0	0	0	0	2	3
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	0	0	20	57	1	8	0	0	21	32
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	4	24	5	14	3	23	0	0	12	19
<b>All Exposure Categories</b>	<b>17</b>	<b>100</b>	<b>35</b>	<b>100</b>	<b>13</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>65</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, 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	25	1	3	1	33	0	0	3	7
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	2	50	30	86	1	33	0	0	33	77
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	1	25	4	11	1	33	1	100	7	16
<b>All Exposure Categories</b>	<b>4</b>	<b>100</b>	<b>35</b>	<b>100</b>	<b>3</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>43</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, 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	1	100	218	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>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 – December 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	481	73	243	25	130	53	12	34	866	46
Injection drug user (IDU)	28	4	54	6	10	4	3	9	95	5
Male to male contact / IDU	25	4	15	2	13	5	2	6	55	3
Hemophiliac	1	0	0	0	0	0	0	0	1	0
Heterosexual contact	41	6	466	49	55	22	11	31	573	30
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	85	13	181	19	39	16	7	20	312	16
<b>All Exposure Categories</b>	<b>661</b>	<b>100</b>	<b>959</b>	<b>100</b>	<b>247</b>	<b>100</b>	<b>35</b>	<b>100</b>	<b>1902</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, 2008**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	54	27	45	5	10	8	4	20	113	9
Hemophiliac	1	0	1	0	1	1	0	0	3	0
Heterosexual contact	114	57	791	80	95	78	14	70	1014	76
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	32	16	147	15	16	13	2	10	197	15
<b>All Exposure Categories</b>	<b>201</b>	<b>100</b>	<b>984</b>	<b>100</b>	<b>122</b>	<b>100</b>	<b>20</b>	<b>100</b>	<b>1327</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, 2008**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	14	56	6	21	3	75	0	0	23	40
Injection drug user (IDU)	0	0	1	4	0	0	0	0	1	2
Male to male contact / IDU	1	4	0	0	0	0	0	0	1	2
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	1	4	8	29	1	25	0	0	10	18
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	9	36	13	46	0	0	0	0	22	39
<b>All Exposure Categories</b>	<b>25</b>	<b>100</b>	<b>28</b>	<b>100</b>	<b>4</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>57</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, 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	0	0	0	0	0	0
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	1	50	16	70	1	100	0	0	18	69
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	1	50	7	30	0	0	0	0	8	31
<b>All Exposure Categories</b>	<b>2</b>	<b>100</b>	<b>23</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>0</b>	<b>0</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

**Cases of Tuberculosis in Palm Beach County by Race/Ethnicity  
Palm Beach County  
October 1 – December 31, 2008**

<b>RACE/ETHNICITY</b>	<b>4th QTR 2008</b>	<b>YTD 2008</b>	<b>4th QTR 2007</b>	<b>YTD 2007</b>
<b>WHITE</b>	7	33	6	41
<b>BLACK</b>	7	27	6	21
<b>HISPANIC (also counted in White)</b>	4	20	5	33
<b>OTHER</b>	0	5	3	8
<b>TOTAL</b>	14	65	15	70

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

	<b>4th QTR 2008</b>	<b>YTD 2008</b>	<b>4th QTR 2007</b>	<b>YTD 2007</b>
<b>CO-INFECTION</b>	4	13	1	7
<b>PULMONARY</b>	12	58	14	62
<b>EXTRA PULMONARY</b>	2	4	1	5
<b>MULTI-DRUG RESISTANCE</b>	0	0	0	1
<b>BOTH PULMONARY &amp; EXTRA PULMONARY</b>	0	3	0	3

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

	<b>4th QTR 2008</b>	<b>YTD 2008</b>	<b>4th QTR 2007</b>	<b>YTD 2007</b>
<b>US BORN</b>	5	26	7	29
<b>FOREIGN BORN</b>	9	39	8	41
<b>TOTAL</b>	14	65	15	70

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, 2008**

	<b>Males</b>	<b>Females</b>	<b>Total</b>	<b>Percent</b>
<b>Primary Syphilis</b>	<b>5</b>	<b>0</b>	<b>5</b>	<b>8</b>
<b>Secondary Syphilis</b>	<b>9</b>	<b>2</b>	<b>11</b>	<b>18</b>
<b>Total Infectious Syphilis</b>	<b>14</b>	<b>2</b>	<b>16</b>	
<b>Early Latent Syphilis</b>	<b>14</b>	<b>6</b>	<b>20</b>	<b>33</b>
<b>Late Latent Syphilis</b>	<b>12</b>	<b>6</b>	<b>18</b>	<b>30</b>
<b>Syphilis of Unknown Duration</b>	<b>4</b>	<b>3</b>	<b>7</b>	<b>11</b>
<b>Congenital Syphilis</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Syphilis</b>	<b>44</b>	<b>17</b>	<b>61</b>	<b>100</b>
<b>Gonorrhea</b>	<b>108</b>	<b>98</b>	<b>206</b>	
<b>Chlamydia</b>	<b>195</b>	<b>599</b>	<b>794</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**  
**October 1 – December 31, 2008**

	<b>4th Quarter 2008</b>	<b>YTD 2008</b>	<b>4th Quarter 2007</b>	<b>YTD 2007</b>
<b># HIV Tested</b>	5062	21733	5080	21177
<b># HIV Positive</b>	55	281	56	271
<b>% HIV Positive</b>	1.09	1.29	1.10	1.28

\*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  
 Prevention Section