



## **Palm Beach County Health Department**

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

**(561) 840-4564  
SC 263-4564**

### **Vital Statistics and Disease Surveillance Report**

## **Fourth Quarter - 2002**

**October 1 – December 31, 2002**

**Savita Kumar, MD, MSPH, Director**

**Send inquiries or corrections to: Denise Pagán, Program Specialist**

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**Note: Data indicated is provisional**

**Reportable Communicable Diseases And Other Conditions  
October 1 – December 31, 2002**

<b>Disease/Condition</b>	<b>Cases During Oct to Dec 2002</b>	<b>Cumulative Cases For 2002</b>	<b>Cumulative Cases Same Time Last Year</b>
Invasive Haemophilus influenzae disease	3	17	9
Meningococcal Infections	4	10	4
Streptococcus pneumoniae meningitis	3	6	2
Streptococcus pneumoniae-drug resistant-invasive	11	49	59
Encephalitis, St. Louis	0	0	0
Encephalitis, Chicken Pox	0	0	0
Measles	0	0	0
Mumps	0	0	1
Rubella	0	0	0
Tetanus	0	0	2
Pertussis	0	1	1
Hepatitis A	8	37	56
Hepatitis B	6	31	43
Hepatitis C/Non A-Non B	0	0	0
Salmonellosis	110	277	203
Shigellosis	22	71	41
Campylobacteriosis	21	66	104
Giardiasis	8	62	89
Cryptosporidiosis	2	5	8
Cyclosporiasis	1	10	39
Typhoid fever	1	2	2
Escherichia coli 0157:H7	0	3	7
Vibrio infections	4	7	3
Animal rabies	4	27	14
Human exposure to a potentially rabid animal*	22	98	95
Animal bites/exposure of a human - number reported to Animal Care and Control	599	2458	2477
Legionellosis	2	9	6
Lead poisoning	48	87	72
Malaria	3	8	6
Dengue Fever	0	2	0
Lyme disease	2	6	9
Ciguatera	0	1	5

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, 2002**

	FOURTH QUARTER 2002	CUMULATIVE 2002	CUMULATIVE NUMBERS SAME TIME PREVIOUS YEAR
<b>NUMBER OF COMPLAINTS</b>	<b>57</b>	<b>238</b>	<b>291</b>
<b>NUMBER OF OUTBREAKS</b>	<b>3</b>	<b>22</b>	<b>16</b>
<b>SUSPECT</b>	<b>2</b>	<b>20</b>	<b>14</b>
<b>CONFIRMED</b>	<b>1</b>	<b>2</b>	<b>2</b>
<b>NUMBER PERSONS EXPOSED</b>	<b>122</b>	<b>651</b>	<b>1149</b>
<b>NUMBER ILL</b>	<b>103</b>	<b>451</b>	<b>529</b>
<b>NUMBER OF ENVIRONMENTAL HEALTH INSPECTIONS</b>	<b>18</b>	<b>83</b>	<b>74</b>

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

**Live Births by Race  
Palm Beach County, Florida  
October 1 – December 31, 2002**

	<b>Number this quarter</b>	<b>Number YTD*</b>	<b>Number YTD** Last Year</b>
<b>Total Infant Births</b>	<b>3674</b>	<b>13866</b>	<b>13527</b>
<b>Infant Births, White</b>	<b>2475</b>	<b>9681</b>	<b>9349</b>
<b>Infant Births, Non-White</b>	<b>1194</b>	<b>4176</b>	<b>4163</b>

**Infant Deaths by Race  
Palm Beach County, Florida  
October 1 – December 31, 2002**

	<b>Number this quarter</b>	<b>Number YTD*</b>	<b>Number YTD** Last Year</b>
<b>Total Infant Deaths</b>	<b>23</b>	<b>112</b>	<b>89</b>
<b>Infant Deaths, White</b>	<b>10</b>	<b>60</b>	<b>49</b>
<b>Infant Deaths, Non-White</b>	<b>13</b>	<b>52</b>	<b>40</b>

\*Year to Date 2002

\*\* Year to Date 2001

Source of Data: State of Florida  
Department of Health  
Office of Vital Statistics

**AIDS Cases Among Adult and Adolescent Males  
By Race, Ethnicity and Exposure Category  
Palm Beach County, Florida  
Cumulative 1980 – December 31, 2002**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	1597	74	678	20	203	45	6	75	2484	42
Injection drug user (IDU)	171	8	507	15	70	16	0	0	748	13
Male to male contact / IDU	142	6	118	3	24	5	0	0	284	5
Hemophiliac	13	0	2	0	2	0	0	0	17	0
Heterosexual contact	83	4	1307	39	89	20	2	25	1481	25
Transfusion related	25	1	13	0	2	0	0	0	40	1
None of the above	137	6	708	22	57	13	0	0	902	15
<b>All Exposure Categories</b>	<b>2168</b>	<b>100</b>	<b>3333</b>	<b>100</b>	<b>447</b>	<b>100</b>	<b>8</b>	<b>100</b>	<b>5956</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, 2002**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	141	39	359	17	28	24	0	0	528	21
Hemophiliac	2	1	2	0	0	0	0	0	4	0
Heterosexual contact	151	41	1292	63	70	61	2	100	1515	60
Transfusion related	17	5	14	1	3	2	0	0	34	1
None of the above	53	14	379	19	14	12	0	0	446	18
<b>All Exposure Categories</b>	<b>364</b>	<b>100</b>	<b>2046</b>	<b>100</b>	<b>115</b>	<b>100</b>	<b>2</b>	<b>100</b>	<b>2527</b>	<b>100</b>

Note: Percentages may not add up to 100% due to rounding.

Source of Data: Palm Beach County Health Department  
HIV/AIDS Surveillance Program  
HIV/STD/TB Division

**AIDS Cases Among Adult and Adolescent Males  
By Race, Ethnicity and Exposure Category  
Palm Beach County, Florida  
October 1 – December 31, 2002**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	13	59	7	17	0	0	0	0	20	29
Injection drug user (IDU)	0	0	2	5	0	0	0	0	2	3
Male to male contact / IDU	1	5	2	5	0	0	0	0	3	4
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	2	9	14	33	3	75	0	0	19	28
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	6	27	17	40	1	25	0	0	24	35
<b>All Exposure Categories</b>	<b>22</b>	<b>100</b>	<b>42</b>	<b>100</b>	<b>4</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>68</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, 2002**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	1	20	1	3	0	0	0	0	2	5
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	2	40	13	39	1	100	0	0	16	41
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	2	40	19	58	0	0	0	0	21	54
<b>All Exposure Categories</b>	<b>5</b>	<b>100</b>	<b>33</b>	<b>100</b>	<b>1</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: Palm Beach County Health Department  
HIV/AIDS Surveillance Program  
HIV/STD/TB Division

**Pediatric AIDS Cases**  
**By Race, Ethnicity and Exposure Category**  
**Palm Beach County, Florida**  
**Cumulative 1980 - December 31, 2002**

Risk Group	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Mother with HIV	6	100	191	98	14	93	0	0	211	98
Pediatric Oth/Undetermined	0	0	3	2	1	7	0	0	4	2
<b>Total</b>	<b>6</b>	<b>100</b>	<b>194</b>	<b>100</b>	<b>15</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>215</b>	<b>100</b>

Note: Percentages may not add up to 100% due to rounding.

Source of Data: Palm Beach County Health Department  
HIV/AIDS Surveillance Program  
HIV/STD/TB Division

**HIV Cases Among Adult and Adolescent Males  
By Race, Ethnicity and Exposure Category  
Palm Beach County, Florida  
Cumulative July 1, 1997 - December 31, 2002**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	204	59	108	16	38	34	5	38	355	31
Injection drug user (IDU)	19	5	32	5	11	10	1	8	63	5
Male to male contact / IDU	11	3	14	2	11	10	0	0	36	3
Hemophiliac	1	0	0	0	0	0	0	0	1	0
Heterosexual contact	28	8	310	46	25	22	3	23	366	32
Transfusion related	1	1	0	0	0	0	0	0	1	0
None of the above	82	24	209	31	28	25	4	31	323	28
<b>All Exposure Categories</b>	<b>346</b>	<b>100</b>	<b>673</b>	<b>100</b>	<b>113</b>	<b>100</b>	<b>13</b>	<b>100</b>	<b>1145</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, 2002**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Injection drug user (IDU)	35	21	37	5	5	10	0	0	77	8
Hemophiliac	1	0	5	1	0	0	0	0	6	0
Heterosexual contact	83	51	472	61	30	59	3	43	588	59
Transfusion related	0	0	1	0	0	0	0	0	1	0
None of the above	44	27	253	32	16	31	4	57	317	32
<b>All Exposure Categories</b>	<b>163</b>	<b>100</b>	<b>768</b>	<b>100</b>	<b>51</b>	<b>100</b>	<b>7</b>	<b>100</b>	<b>989</b>	<b>100</b>

Note: Percentages may not add up to 100% due to rounding.

Source of Data: Palm Beach County Health Department  
HIV/AIDS Surveillance Program  
HIV/STD/TB Division

**HIV Cases Among Adult and Adolescent Males  
By Race, Ethnicity and Exposure Category  
Palm Beach County, Florida  
October 1 – December 31, 2002**

Exposure Category	White		Black		Hispanic		Other Race/Ethnicity		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Male to male contact	15	55	4	13	3	37	0	0	22	33
Injection drug user (IDU)	0	0	1	3	0	0	1	100	2	3
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	3	11	7	23	2	25	0	0	12	18
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	9	33	18	60	3	37	0	0	30	46
<b>All Exposure Categories</b>	<b>27</b>	<b>100</b>	<b>30</b>	<b>100</b>	<b>8</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>66</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, 2002**

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	1	3	0	0	0	0	2	4
Hemophiliac	0	0	0	0	0	0	0	0	0	0
Heterosexual contact	4	36	8	22	2	50	1	100	15	28
Transfusion related	0	0	0	0	0	0	0	0	0	0
None of the above	6	55	28	75	2	50	0	0	36	68
<b>All Exposure Categories</b>	<b>11</b>	<b>100</b>	<b>37</b>	<b>100</b>	<b>4</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>53</b>	<b>100</b>

Note: Percentages may not add up to 100% due to rounding.

Source of Data: Palm Beach County Health Department  
HIV/AIDS Surveillance Program  
HIV/STD/TB Division

To Report AIDS Cases or  
Positive HIV Test Results  
Please Call Jack Nolan  
Phone (561) 882-3249

**Cases of Tuberculosis in Palm Beach County by Race, Ethnicity, Sex and Age**  
**Palm Beach County, Florida**  
**October 1 – December 31, 2002**

Race/ Ethnicity	Male				Female				Total
	<15 Yrs	15-34 Yrs	>35 Yrs	Total Male	<15 Yrs	15-34 Yrs	>35 Yrs	Total Female	
White			3	3			3	3	6
Black		2	6	8			3	3	11
Hispanic		2	3	5	1			1	6
Asian			1	1			1	1	2
Unknown									
<b>Total</b>		4	13	17	1		7	8	25

**Cases of Tuberculosis by HIV Co-Infection, Site of Disease and Drug Resistance**  
**Palm Beach County, Florida**  
**October 1 – December 31, 2002**

	Male				Female				Total
	<15 Yrs	15-34 Yrs	>35 Yrs	Total Male	<15 Yrs	15-34 Yrs	>35 Yrs	Total Female	
Co-Infection		1	1	2			2	2	4
Extra Pulmonary			2	2			1	1	3
Pulmonary		4	11	15	1		6	7	22
Multi-Drug Resistant				0					0

**Cases of Tuberculosis by Country of Origin**  
**Palm Beach County, Florida**  
**October 1 – December 31, 2002**

Country of Origin	<15 Yrs	15-34 Yrs	>35 Yrs	Total	Percent of Total
Colombia			1	1	4.0
Cuba			1	1	4.0
Dominican Republic					
Ecuador					
Guatemala		2		2	8.0
Haiti		1	6	7	28.0
Honduras					
Italy					
Jamaica					
Philippines			1	1	4.0
Puerto Rico			1	1	4.0
Vietnam			1	1	4.0
Others					
<b>TOTAL FOREIGN BORN</b>		3	11	14	56.0
United States	1	1	9	11	44.0
Unknown					
<b>GRAND TOTAL</b>	1	4	20	25	100

Note: Percentages may not add up to 100% due to rounding.

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, 2002**

	<b>Males</b>	<b>Females</b>	<b>Total</b>	<b>Percent</b>
<b>Primary Syphilis</b>	4	1	5	7
<b>Secondary Syphilis</b>	7	2	9	12
<b>Total Infectious Syphilis</b>	11	3	14	19
<b>Early Latent Syphilis</b>	22	8	30	40
<b>Late Latent Syphilis</b>	10	13	23	30
<b>Syphilis of Unknown Duration</b>	2	4	6	8
<b>Congenital Syphilis</b>	1	1	2	3
<b>Total Syphilis</b>	46	29	75	100
<b>Gonorrhea</b>	86	96	182	
<b>Chlamydia</b>	94	381	475	

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, 2002**

	<b>4th Quarter 2002</b>	<b>Year 2002</b>	<b>4th Quarter 2001</b>	<b>Year 2001</b>
<b># HIV Tested</b>	3272	13032	2611	10409
<b># HIV Positive</b>	96	401	111	455
<b>% HIV Positive</b>	2.9%	3.1%	4.3%	4.4%

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

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