



HIV/AIDS Surveillance Quarterly Statistics Pinellas and Pasco Counties (Area 5)

July 2002

Jeb Bush * Governor
John O. Agwunobi, MD, MBA * Secretary of Health
John P. Heilman, MD, MPH * Pinellas County Health Department Director
Lisa Cohen * Pinellas & Pasco Counties HIV/AIDS Program Coordinator
Beth Gustafson, MPH * Editor of Pinellas County HIV/AIDS Surveillance Newsletter



Pinellas County Health Department is on the MOVE!!

The Pinellas County Health Department's St. Petersburg Health Center, at the 500 7th Ave South address (i.e. near Bayfront Medical Center), will be in the process of **moving** to a NEW building **during the week of October 14th through October 18th, 2002**. That week the St. Petersburg Health Center will be **CLOSED** to the public although all other health department centers will be open during that week. The new address for the health department, as of October 21st, will be as follows:

**205 Dr. M.L. King Street North
 St. Petersburg, FL 33701**

Please make the address changes on any business cards you might have and let your patients know of the address change. Direct phone lines should remain the same (i.e. the HIV/AIDS Surveillance office line should remain as **727-824-6903**) although most extension numbers within the St. Petersburg Health Center will change.

The main health department phone line will remain the same: 727-824-6900.

Annual AIDS Health Care Costs Average \$34,000 Per Patient in US

(from Patient Care Capsules: Issue 28 July 31, 2002 - http://www.doh.state.fl.us/disease_cmr/aid/news/pc28.pdf)

The average annual cost of medical care for a person with AIDS is \$34,000 in the United States. In the first comprehensive analysis of the health care costs of HIV/AIDS patients in the US, Michael Saag of the University of Alabama examined health care costs for 700 HIV and AIDS patients over a two-year period. While the health care costs for a patient with an AIDS diagnosis averaged \$34,000 per year, the health care costs for an HIV-positive patient totaled approximately \$14,000 per year. Medications, which cost \$11,000 per year for healthier patients increase to about \$24,000 per year for those with more advanced stages of the disease. The largest proportion of health care costs for all patients was associated with medications. Hospital care accounted for the second-largest proportion of annual health care costs for patients with HIV or AIDS, averaging between \$1,700 and \$7,800 per year. The financial burden of treatment poses significant barriers for patients in many developing countries where the prevalence

of disease is high. Generic antiretrovirals and government negotiations with pharmaceutical companies for drastic price cuts in conjunction with implementation of the Global AIDS fund are beginning to impact this treatment gap in developing nations.

Quality Improvement Review for HIV/AIDS Program and HIV/AIDS Surveillance by Tallahassee State Health Office

The State Health Office visited and reviewed the HIV/AIDS program in Pinellas County the week of August 19th, 2002. The HIV/AIDS Surveillance program manager and the Tallahassee State Health reviewers visited several sites and health care providers within Pinellas County that report HIV/AIDS cases, including the Pinellas CARE Clinic staff, Bayfront Medical Center's Infection Control nurse and lab director, Pinellas County Jail staff, and Dr. Barry Rodwick's office staff. The Tallahassee Office was impressed with the efficiency and cooperation the Pinellas sites had in reporting HIV/AIDS cases and risk information to the surveillance office. CD4 test reporting was suggested for all sites to improve the timeliness of reporting cases. Please remind your labs to report CD4 tests.

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Special points of interest:

- *The Pinellas County HIV/AIDS Surveillance Office wants to acknowledge and thank **Dr. Beale Morgan** for all his hard work in the past year. As of July he has been working as a Disease Intervention Specialist for the Jail Linkage Project in Pasco and Pinellas Counties. In addition, we want to take this time to introduce and welcome our newest surveillance staff member, **Debbie Cale**. She works part-time and is a MPH student at USF.*
- *Call the HIV/AIDS surveillance office at 727-824-6903 if you have an HIV or AIDS case to report or if you need specific HIV/AIDS statistical information. **Erica Amato, Debbie Cale, Ray Sanderlin, De Wengrzn** or myself are here to assist you with reporting and/or statistics you might need! If you're a health care provider in Pasco County and need to report an HIV/AIDS case please call **Michael Wydotis** at 727-869-3900 (x173).*



Pinellas County AIDS Statistics

All Pinellas County AIDS data is cumulative from 1981 to August 1, 2002
 Source: Pinellas County Health Department, HIV/AIDS Surveillance

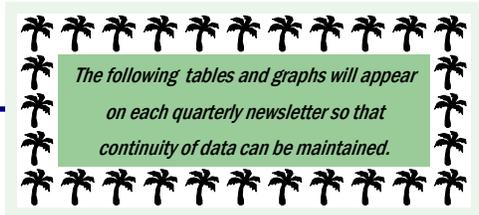


Table 1: **AIDS Cases — by RACE**

Race	Adults	Pediatric	Total
White	2482 (72%)	12 (50%)	2494 (72%)
Black	853 (24%)	11 (46%)	864 (24%)
Hispanic	148 (4%)	1 (4%)	149 (4%)
Asian/Pacific Is.	13 (0%)	13 (0%)	13 (0%)
Am.Indian/AK. Native	7 (0%)	7 (0%)	7 (0%)
Unknown	0 (0%)	0 (0%)	0 (0%)
Total	3503 (100%)	24 (100%)	3527 (100%)

Table 3: **AIDS Cases — by Adult Risk Categories**

Risk Factors (adults)	Males	Females	Total
Gay/Bisexual Men	2036 (68%)		2036 (58%)
Injecting Drug Users	373 (12%)	144 (28%)	517 (15%)
Gay/ Bi Male & IDU	210 (7%)		210 (6%)
Heterosexual Contact	168 (6%)	263 (51%)	431 (12%)
Transfusion Recipients	33 (1%)	24 (5%)	57 (2%)
Coagulation Disorder	14 (1%)		14 (0%)
Risk Not Reported	153 (5%)	85 (16%)	238 (7%)
Total	2987 (100%)	516(100%)	3503 (100%)

Table 2: **AIDS Cases — by AGE**

Age	Cases (%)	Deaths
0-12	24 (1%)	14 (58%)
13-19	18 (1%)	
20-29	568 (16%)	
30-39	1569 (44%)	2004 (57%)
40-49	956 (27%)	
50+	392 (11%)	
Total	3527 (100%)	1932 (58%)

Table 4: **AIDS Cases — by Pediatric Risk Categories**

Risk Factors (peds)	Males	Females	Total
Mother with HIV	9 (75%)	11 (92%)	20 (84%)
Hemophilia	2 (17%)		2 (8%)
Transfusion	1 (8%)		1 (4%)
Risk Not Reported	0 (0%)	1 (8%)	1 (4%)
Total	12 (100%)	12 (100%)	24 (100%)

Pinellas County HIV Statistics

All Pinellas County HIV data is cumulative from 7/1/97 to August 1, 2002
 Source: Pinellas County Health Department, HIV/AIDS Surveillance



Table 5: **HIV Cases — by RACE**

Race	Adults	Pediatric	Total
White	441 (55%)	3 (60%)	444 (55%)
Black	299 (37%)	2 (40%)	301 (37%)
Hispanic	40 (5%)		40 (5%)
Asian/Pacific Is.	4 (1%)	4 (1%)	4 (1%)
Am.Indian/AK. Native	4 (0%)		4 (0%)
Unknown	13 (2%)		13 (2%)
Total	801 (100%)	5 (100%)	806 (100%)

Table 7: **HIV Cases — by Adult Risk Categories**

Risk Factors (adults)	Males	Females	Total
Gay/Bisexual Men	311 (55%)		311 (39%)
Injecting Drug Users	57 (10%)	52 (22%)	109 (14%)
Gay/ Bi Male & IDU	27 (5%)		27 (3%)
Heterosexual Contact	43 (8%)	90 (37%)	133 (17%)
Transfusion Recipients	3 (1%)	1 (0%)	4 (0%)
Coagulation Disorder	0 (0%)		0 (0%)
Risk Not Reported	118 (21%)	99 (41%)	217 (27%)
Total	559 (100%)	242 (100%)	801 (100%)

Table 6: **HIV Cases — by AGE**

Age	Cases (%)	Deaths
0-12	5 (0%)	0 (0%)
13-19	32 (4%)	
20-29	202 (25%)	
30-39	324 (41%)	15 (2%)
40-49	177 (22%)	
50+	66 (8%)	
Total	806 (100%)	15 (2%)

Table 8: **HIV Cases — by Pediatric Risk Categories**

Risk Factors (peds)	Males	Females	Total
Mother with HIV	1 (100%)	2 (50%)	3 (60%)
Risk Not Reported		2 (50%)	2 (40%)
Total	1 (100%)	4 (100%)	5 (100%)

Pasco County AIDS Statistics

All Pasco County AIDS data is cumulative from 1981 to August 1, 2002
 Source: Pinellas County Health Department, HIV/AIDS Surveillance



Table 9: **AIDS Cases — by RACE**

Race	Adults	Pediatric
White	480 (83%)	
Black	57 (10%)	3
Hispanic	36 (6%)	
Other/Unknown	3 (1%)	
Total	576 (100%)	3 (100%)

Table 11: **AIDS Cases — by Adult Risk Categories**

Risk Factors (adults)	Males	Females	Total
Gay/Bisexual Men	264 (56%)		264 (45%)
Injecting Drug Users	71 (14%)	32 (32%)	103 (18%)
Gay/ Bi Male & IDU	49 (10%)		49 (8%)
Heterosexual Contact	40 (8%)	52 (53%)	92 (16%)
Transfusion Recipients	13 (3%)	3 (3%)	16 (3%)
Coagulation Disorder	3 (1%)		3 (1%)
Risk Not Reported	37 (8%)	12 (12%)	49 (9%)
Total	477 (100%)	99 (100%)	576 (100%)

Table 10: **AIDS Cases — by AGE**

Age	Cases (%)	Deaths
0-12	3 (0%)	
13-19	4 (1%)	
20-29	86 (15%)	
30-39	261 (45%)	
40-49	148 (26%)	
50+	77 (13%)	
Total	579 (100%)	316 (55%)

Table 12: **AIDS Cases — by Pediatric Risk Categories**

Risk Factors (peds)	Total
Mother with HIV	3 (100%)
Risk Not Reported	
Total	3 (100%)

Pasco County HIV Statistics

All Pasco County HIV data is cumulative from 7/1/97 to August 1, 2002
 Source: Pinellas County Health Department, HIV/AIDS Surveillance



Due to the fact that some of the cell sizes for Pasco County were <3, some of the data has not been completely stratified.

Table 13: **HIV Cases — by RACE (adults only)**

Race	Adults
White	93 (69%)
Black	18 (13%)
Hispanic	14 (10%)
Other/Unknown	9 (7%)
Total	134 (100%)

Table 15: **HIV Cases — by Adult Risk Categories**

Risk Factors (adults)	Males	Females	Total
Gay/Bisexual Men	42 (44%)		42 (31%)
Injecting Drug Users	12 (12%)	4 (11%)	16 (12%)
Gay/ Bi Male & IDU	6 (6%)		6 (5%)
Heterosexual Contact	6 (6%)	21 (57%)	27 (20%)
Risk Not Reported/Other	31 (32%)	12 (32%)	43 (32%)
Total	97 (100%)	37 (100%)	134 (100%)

Table 14: **HIV Cases — by AGE**

Age	Cases (%)	Deaths
0-19	8 (6%)	
20-29	40 (30%)	
30-39	51 (38%)	
40-49	20 (15%)	
50+	15 (11%)	
Total	134 (100%)	0 (0%)

There have been no HIV pediatric cases reported for Pasco County as of July 1997.

Florida HIV/AIDS Statistics

Source: Florida Department of Health, Bureau of HIV/AIDS
 HIV/AIDS, STD & TB Monthly Surveillance Report, #216
 If additional state data is needed please go to "www.doh.state.fl.us"



Table 24: **Cumulative HIV Case Counts for Florida**
 (7/1/97-7/31/02)

	HIV	Deaths
Total	26515	542 (2%)
Adult	26263	538 (2%)
Pediatric	252	4 (2%)

Table 26: **Cumulative HIV/AIDS Case Counts in Surrounding Counties**
 (as of 7/31/02)

County	HIV	AIDS
Hillsborough	1603	5053
Pinellas	801	3520
Polk	416	1372
Sarasota	163	847
Manatee	211	817
Pasco	126	557
Hernando	49	181
Highlands	79	148
Hardee	14	60

Table 27: **Cumulative HIV/AIDS Case Counts in the Top 7 Florida Counties**
 (as of 7/31/02)

County	HIV	AIDS
Dade	7746	25589
Broward	4366	13961
Palm Beach	2046	8494
Orange	1989	5051
Hillsborough	1603	5053
Duval	1300	4444
Pinellas	801	3520

Table 25: **Cumulative AIDS Case Counts for Florida**
 (through 7/31/02)

	AIDS	Deaths
Total	88577	47894 (54%)
Adult	87100	47089 (54%)
Pediatric	1477	805 (55%)

United States HIV/AIDS Statistics

Adults & Children estimated to be **living** with HIV/AIDS in U.S.: 920,000
 Estimated number of adults & children **newly** infected with HIV in U.S. during 2000: 45,000

Beth Gustafson is responsible for compiling and editing the HIV/AIDS Surveillance Statistics for the Pinellas and Pasco County Health Departments on a quarterly basis. For further information regarding statistics, or questions regarding HIV or AIDS reporting, please contact Beth at (727) 824-6903

Table 28: **Cumulative HIV/AIDS Case Counts for U.S.**
 (as of 7/31/02)

	HIV*	AIDS	% AIDS Deaths
Total	191815	840125	57%
Adult	187687	830932	57%
Pediatric	4128	9193	58%

(Source: Florida HIV/AIDS, STD & TB Monthly Surveillance Report, #216)



Table 31: **Cumulative AIDS Cases of 10 Leading U.S. States**
 (as of 6/30/01)

1. New York	144106
2. California	121831
3. Florida	83005
4. Texas	55292
5. New Jersey	43017
6. Illinois	25665
7. Puerto Rico	25459
8. Pennsylvania	25264
9. Georgia	23575
10. Maryland	22432

(Source: Centers for Disease Control, HIV/AIDS Surveillance Report, Vol. 13, No. 1)

Table 29: **Cumulative HIV* Cases of 5 Leading U.S. States**
 (as of 7/31/02)

1. New York (12/00)	26480	(14%)
2. Florida (7/97)	25991	(14%)
3. New Jersey (1/92)	15172	(8%)
4. Texas (2/94)	13041	(7%)
5. North Carolina (2/90)	11139	(6%)

(Source: Florida HIV/AIDS, STD & TB Monthly Surveillance Report, #216)

* Data only from those states where HIV is reportable & includes only persons reported with HIV

Table 30: **Cumulative AIDS Cases of 20 Leading U.S. Cities**
 (as of 6/30/01)

1. New York City	122062	11. San Juan, PR	15958
2. Los Angeles	42796	12. Baltimore	15009
3. San Francisco	28212	13. Boston	14645
4. Miami	24838	14. Ft Lauderdale	13306
5. Washington DC	24029	15. Dallas	12672
6. Chicago	22217	16. San Diego	10820
7. Houston	19582	17. Tampa-St Pete	8726
8. Philadelphia	19605	18. Oakland	8227
9. Newark	17472	19. Detroit	7993
10. Atlanta	16423	20. West Palm Beach	7899

(Source: Centers for Disease Control, HIV/AIDS Surveillance Report, Vol. 13, No. 1)

Here are some useful Web links/sites for HIV/AIDS information:

World HIV/AIDS Statistics

From W.H.O. (www.who.org) & UNAIDS (www.unaids.org):
Reported World AIDS Cases as of 5/00: 2,201,468
Estimated living World HIV/AIDS Cases as of 2001: 40 million
Estimated new HIV infections in World in 2001: 5 million
Estimated World deaths due to HIV/AIDS in 2001: 3 million
Estimated Cumulative number of deaths in World due to HIV/AIDS: 21.8 million



- <http://www.doh.state.fl.us>
- <http://www.cdc.gov>
- <http://www.who.int>
- <http://www.paho.org/english/aid/aidstd.htm>
- <http://www.iapac.org>
- <http://www.flairs.org/tcrs/aidstline.htm>
- <http://hivinsite.ucsf.edu>
- <http://www.hivatis.org/trtgdlns.html>
- Florida HIV/AIDS statistics
- Centers for Disease Control
- World Health Organization
- PAHO: AIDS site
- Int'l Assoc of Physicians in AIDS care
- Florida AIDS Hotline site
- HIV/AIDS InSite Information
- HIV/AIDS treatment site



HIV/AIDS Surveillance Office
Pinellas County Health Department
205 Dr. M.L. King Street North
St Petersburg, FL 33701

* Please note the change in address as of 10/21/02

Just a reminder ... Don't forget to check out the new Pinellas County Health Department website: www.pinellashealth.com

Requesting your input ... In a few weeks the HIV/AIDS surveillance office will be sending out a short survey to determine whether or not the HIV/AIDS Quarterly Newsletters have been useful to you or your organization. Please take a few moments to fill out the survey and send it back to our office so that we might better serve your needs...



Florida law requires cases of AIDS to be reported by anyone who diagnoses or treats a person with AIDS, with a \$500 fine per case for failure to report. NOTE: A person who tests positive for Human Immunodeficiency Virus (HIV) on or after July 1, 1997 is reportable. Confidentiality is guaranteed. Please send your completed HIV/AIDS case report in an envelope marked "CONFIDENTIAL" to:

BETH GUSTAFSON, MPH
PINELLAS COUNTY HEALTH DEPARTMENT
205 DR. M.L. KING STREET NORTH
ST PETERSBURG, FL 33701
(727) 824-6903 ; SUNCOM 539-6903
FAX: (727) 893-1681
EMAIL: BETH_GUSTAFSON@DOH.STATE.FL.US

If you need reporting forms, would like to have a brief HIV/AIDS Surveillance In-Service for your staff in your office, or would like to have your HIV/AIDS cases reviewed in your office, please call the above number and speak to Beth Gustafson, Erica Amato, Debbie Cale, Ray Sanderlin or De Wengrzn.

