



HIV/AIDS STATISTICS

Pinellas and Pasco Counties (Area 5)

Volume 20, Issue 3

March 04, 2011



Pinellas County Health Department

205 Dr. M. L. King Street North
St. Petersburg, FL 33701
(727) 824-6900
www.PinellasHealth.com

Director

Claude M. Dharamraj, MD, MPH, FAAP
claude_dharamraj@doh.state.fl.us

Disease Control Division Director

Patricia L. Ryder, MD, MPH
pat_ryder@doh.state.fl.us

Epidemiology Program Manager

Dongming Cui, MD, DrPH, MPH
dongming_cui@doh.state.fl.us

Surveillance Program Manager

Andrea M. Castillo, MPH
andrea_castillo@doh.state.fl.us

HIV/AIDS Program Coordinator

Lisa E. Cohen
lisa_cohen@doh.state.fl.us

STD Program Manager

Sherry Y. Lewis, MM
sherry_lewis@doh.state.fl.us

TB Program Manager

Robyn Pasto, MPH
robyn_pasto@doh.state.fl.us

HIV/AIDS Surveillance Program Coordinator

Beth M. Sudduth, MPH
beth_sudduth@doh.state.fl.us

HIV/AIDS/STD Surveillance Staff:

[Brittany Marshall](#) - HIV/AIDS Surveillance Coordinator
[Mamie Slaughter](#) - HIV/AIDS NIR Coordinator
[Simran Dhalwal](#) - HIV/AIDS Volunteer / Newsletter Editor

To report cases of HIV/AIDS/STD or other infectious diseases, please call: (727) 824-6932

Inside this issue:

Pinellas HIV & AIDS Statistics	2
Pasco HIV & AIDS Statistics	3
Hillsborough HIV & AIDS Statistics	4
Florida HIV & AIDS Statistics	5
U.S. HIV & AIDS Statistics	5

PINELLAS COUNTY: HIV/AIDS Trends

Table 1: Male HIV Cases

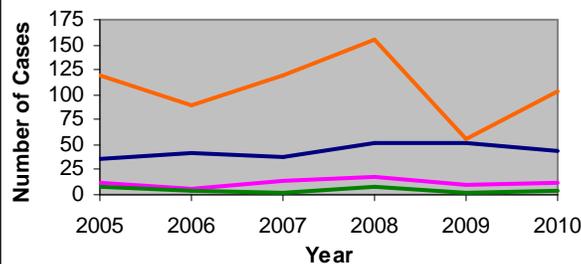


Table 1 and Table 2 display the trends over the past 6 years of the distribution of HIV Cases in Pinellas county by male, female, and race/ethnicity. Notice the number of cases in 2005 compared to the number of cases in 2010. Most have stayed relatively the same with fluctuations in the years in between. In 2007, viral load reporting and CD4 reporting resulted in temporary increases in HIV cases. The reporting changes could have masked an actual decrease or exaggerated an

increase in HIV cases. The obvious drop in cases in late 2008 and then marked increase from 2009 to 2010 most likely can be attributed to a new reporting system called eHARS which resulted in data entry delays in the early part of 2009.

Table 2: Female HIV Cases

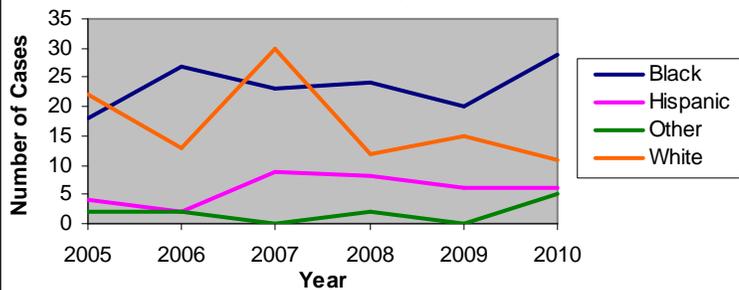


Table 3 and Table 4 display the trends over the past 6 years of the distribution of AIDS Cases in Pinellas county by male, female, and race/ethnicity. Notice that the race/ethnicity groups that represent the highest percentage of AIDS cases are white for males and black for females. Also, a sharp decrease in 2009-2010 can be seen in Black female AIDS cases. The decrease in white male AIDS cases from 2008-2009 may be influenced by the new reporting system, eHARS, which resulted in data delays in the early part of 2009.

Table 3: Male AIDS Cases

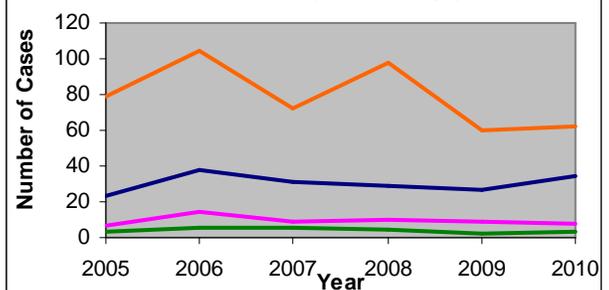
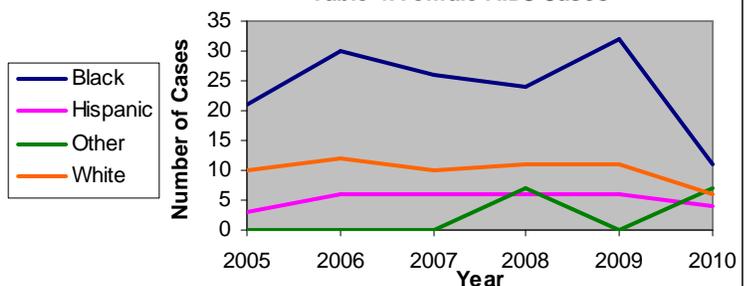


Table 4: Female AIDS Cases



Special Points of Interest

- Please call (727) 824-6932 if you need HIV/AIDS reporting forms, specific HIV/AIDS statistical information, would like to have a brief HIV/AIDS Surveillance In-Service for your staff or have your HIV/AIDS cases reviewed in your office.

Pinellas County HIV/AIDS Statistics

AIDS data is cumulative from 1981 to December 30, 2010

HIV data is cumulative from 7/1/97 to December 30, 2010

Table 1.

Risk Exposure	AIDS Cases—ADULT			HIV Cases—ADULT		
	Males (%)	Females (%)	Total (%)	Males (%)	Females (%)	Total (%)
MSM*	2676 (69%)	0 (0%)	2676 (58%)	870 (71%)	0 (0%)	870 (53%)
Injecting Drug Users (IDU)	423 (11%)	243 (30%)	666 (14%)	87 (7%)	79 (19%)	166 (10%)
MSM & IDU	289 (8%)	0 (0%)	289 (6%)	67 (5%)	0 (0%)	67 (4%)
Heterosexual Contact	267 (7%)	488 (60%)	755 (16%)	104 (9%)	245 (60%)	349 (21%)
Transfusion Recipients	27 (1%)	23 (3%)	50 (1%)	1 (0%)	0 (0%)	1 (0%)
Coagulation Disorder	10 (0%)	0 (0%)	10 (0%)	0 (0%)	0 (0%)	0 (0%)
Perinatal or Pediatric Risk	5 (0%)	3 (0%)	8 (0%)	1 (0%)	1 (0%)	2 (0%)
Risk Not Reported/Other	162 (4%)	57 (7%)	219 (5%)	102 (8%)	86 (21%)	188 (12%)
Total	3859	814	4673	1232	411	1643

Table 2.

Risk Exposure	AIDS Cases—PEDIATRIC			HIV Cases—PEDIATRIC		
	Hispanic/Other (%)	Black (%)	White(%)	Hispanic/Other (%)	Black (%)	White(%)
Mother with HIV	5 (83%)	11 (92%)	12 (86%)	4 (100%)	4 (80%)	4 (100%)
Hemophilia	0 (0%)	0 (0%)	2 (14%)	0 (0%)	0 (0%)	0 (0%)
Transfusion Recipients	0 (0%)	1 (8%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Risk Not Reported/Other	1 (17%)	0 (0%)	0 (0%)	0 (0%)	1 (20%)	0 (0%)
Total	6	12	14	4	5	4

Table 3.

Race	AIDS Cases			HIV Cases		
	Adults (%)	Pediatric (%)	Total (%)	Adults (%)	Pediatric (%)	Total (%)
White	3058 (66%)	14 (44%)	3072 (66%)	937 (57%)	4 (31%)	941 (57%)
Black	1271 (27%)	12 (37%)	1283 (27%)	547 (33%)	5 (38%)	552 (33%)
Hispanic	265 (6%)	4 (13%)	269 (6%)	113 (7%)	3 (23%)	116 (7%)
Native Hawaiian/Pacific Is.	1 (0%)	0 (0%)	1 (0%)	0 (0%)	0 (0%)	0 (0%)
Legacy Asian/Pacific Is.	10 (0%)	0 (0%)	10 (0%)	1 (0%)	0 (0%)	1 (0%)
Am. Indian/AK. Native	6 (0%)	0 (0%)	6 (0%)	7 (0%)	0 (0%)	7 (0%)
Asian	6 (0%)	0 (0%)	6 (0%)	11 (1%)	0 (0%)	11 (1%)
Multi-Race/Other	56 (1%)	2 (6%)	58 (1%)	27 (2%)	1 (8%)	28 (2%)
Total	4673	32	4705	1643	13	1656

Table 4.

Age	AIDS Cases		HIV Cases	
	Cases (%)	Deaths (%)	Cases (%)	Deaths (%)
0-4	21 (0%)	11 (0%)	6 (0%)	0 (0%)
5-12	11 (0%)	5 (0%)	7 (0%)	0 (0%)
13-19	31 (1%)	12 (1%)	62 (4%)	3 (3%)
20-24	171 (4%)	90 (3%)	178 (11%)	10 (9%)
25-29	517 (11%)	308 (12%)	205 (12%)	10 (9%)
30-39	1845 (39%)	1079 (40%)	498 (30%)	23 (20%)
40-49	1402 (30%)	745 (28%)	457 (28%)	40 (35%)
50-59	518 (11%)	293 (11%)	195 (12%)	21 (18%)
60-64	114 (2%)	66 (3%)	26 (1%)	3 (3%)
65-69	44 (1%)	38 (1%)	11 (1%)	2 (1.5%)
70 +	31 (1%)	25 (1%)	11 (1%)	2 (1.5%)
Total	4705	2672	1656	114

*Men Having Sex with Men (MSM used hereafter)

Source: Florida Department of Health, Bureau of HIV/AIDS (excluded DOC cases from report)

Pasco County HIV/AIDS Statistics*

AIDS data is cumulative from 1981 to December 30, 2010

HIV data is cumulative from 7/1/97 to December 30, 2010

Table 1.	AIDS Cases—ADULT			HIV Cases—ADULT		
	Risk Exposure	Males (%)	Females (%)	Total (%)	Males (%)	Females (%)
MSM	366 (57%)	*	366 (45%)	138 (62%)	*	138 (44%)
Injecting Drug Users (IDU)	77 (12%)	47 (27%)	124 (15%)	14 (6%)	13 (15%)	27 (9%)
MSM & IDU	65 (10%)	*	65 (8%)	16 (7%)	*	16 (5%)
Heterosexual Contact	71 (11%)	112 (64%)	183 (23%)	20 (9%)	65 (72%)	85 (27%)
Transfusion Recipients	12 (2%)	3 (2%)	15 (2%)	*	*	*
Coagulation Disorder	3 (1%)	*	*	*	*	*
Perinatal or Pediatric Risk	*	*	*	*	*	*
Risk Not Reported/Other	44 (7%)	14 (7%)	58 (7%)	36 (16%)	12 (13%)	48 (15%)
Total	638	176	814	224	90	314

Table 2.	AIDS Cases—PEDIATRIC			HIV Cases—PEDIATRIC		
	Risk Exposure	Hispanic (%)	Black/Other (%)	White (%)	Hispanic (%)	Black/Other (%)
Mother with HIV	*	*	*	*	*	*
Hemophilia	*	*	*	*	*	*
Transfusion Recipients	*	*	*	*	*	*
Risk Not Reported	*	*	*	*	*	*
Total	All races = 3			All races = < 3		

Table 3.	AIDS Cases			HIV Cases		
	Race	Adults (%)	Pediatric (%)	Total (%)	Adults (%)	Pediatric (%)
White	640 (79%)	*	*	221 (70%)	*	*
Black	81 (10%)	*	*	41 (13%)	*	*
Hispanic	79 (10%)	*	*	43 (14%)	*	*
Legacy Asian/Pacific Is.	*	*	*	*	*	*
Am. Indian/AK. Native	*	*	*	*	*	*
Asian	*	*	*	3 (1%)	*	*
Multi-Race/Other	14 (1%)	*	*	6 (2%)	*	*
Total	814	3	817	314	< 3	*

Table 4.	AIDS Cases		HIV Cases	
	Age	Cases (%)	Deaths (%)	Cases (%)
0-19	10 (1%)	3 (1%)	19 (6%)	4 (16%)
20-24	30 (4%)	17 (4%)	41 (13%)	(ages 0-29)
25-29	75 (9%)	40 (9%)	27 (9%)	
30-39	323 (40%)	169 (39%)	90 (28%)	4 (16%)
40-49	241 (30%)	118 (27%)	83 (26%)	10 (40%)
50-59	101 (12%)	54 (13%)	45 (14%)	4 (16%)
60-64	12 (1%)	8 (2%)	6 (2%)	3 (12%)
65 +	25 (3%)	22 (5%)	5 (2%)	(ages 60 +)
Total	817	431	316	25

Source: Florida Department of Health, Bureau of HIV/AIDS (excluded DOC cases from report)

*Department of Health (DOH) workers who release aggregate HIV/AIDS data outside the Department must comply with the policy of suppressing all non-zero tabulated cells with <3 cases (i.e., all cells containing only 1 or 2 cases), except for geographical areas with populations of 500,000 or more. All marginal totals shown in table form should routinely be inspected to ensure that values of internal cells expressed as '<3' cannot be exactly determined. Consolidation with other data subgroups may be necessary to avoid such disclosure, except for geographical areas with population of 500,000 or more.

Hillsborough County HIV/AIDS Statistics

AIDS data is cumulative from 1981 to December 30, 2010

HIV data is cumulative from 7/1/97 to December 30, 2010

Risk Exposure	AIDS Cases—ADULT			HIV Cases—ADULT		
	Males (%)	Females (%)	Total (%)	Males (%)	Females (%)	Total (%)
MSM	3337 (61%)	0 (0%)	3337 (47%)	1258 (64%)	0 (0%)	1258 (45%)
Injecting Drug Users (IDU)	663 (12%)	409 (24%)	1072 (15%)	98 (5%)	89 (11%)	187 (7%)
MSM & IDU	416 (8%)	0 (0%)	416 (6%)	82 (4%)	0 (0%)	82 (3%)
Heterosexual Contact	594 (11%)	1014 (60%)	1608 (23%)	221 (11%)	506 (61%)	727 (26%)
Transfusion Recipients	27 (1%)	21 (1%)	48 (1%)	0 (0%)	0 (0%)	0 (0%)
Coagulation Disorder	18 (0%)	1 (0%)	19 (0%)	2 (0%)	0 (0%)	2 (0%)
Perinatal or Pediatric Risk	6 (0%)	13 (1%)	19 (0%)	2 (0%)	3 (0%)	5 (0%)
Risk Not Reported	376 (7%)	225 (14%)	601 (8%)	314 (16%)	235 (28%)	549 (19%)
Total	5437	1683	7120	1977	833	2810

Risk Exposure	AIDS Cases—PEDIATRIC			HIV Cases—PEDIATRIC		
	Hispanic/Other (%)	Black (%)	White (%)	Hispanic/Other (%)	Black (%)	White (%)
Mother with HIV	15 (94%)	44 (98%)	11 (64%)	6 (100%)	25 (100%)	6 (100%)
Hemophilia	1 (6%)	0 (0%)	2 (12%)	0 (0%)	0 (0%)	0 (0%)
Transfusion Recipients	0 (0%)	1 (2%)	3 (18%)	0 (0%)	0 (0%)	0 (0%)
Risk Not Reported	0 (0%)	0 (0%)	1 (6%)	0 (0%)	0 (0%)	0 (0%)
Total	16	45	17	6	25	6

Race	AIDS Cases			HIV Cases		
	Adults (%)	Pediatric (%)	Total (%)	Adults (%)	Pediatric (%)	Total (%)
White	3114 (44%)	17 (22%)	3131 (44%)	1060 (38%)	6 (16%)	1066 (37%)
Black	2750 (39%)	45 (58%)	2795 (39%)	1244 (44%)	25 (68%)	1269 (45%)
Hispanic	1130 (16%)	16 (20%)	1146 (16%)	464 (17%)	6 (16%)	470 (17%)
Legacy Asian/Pacific Is.	8 (0%)	0 (0%)	8 (0%)	2 (0%)	0 (0%)	2 (0%)
Native Hawaiian/ Pacific Is.	0 (0%)	0 (0%)	0 (0%)	2 (0%)	0 (0%)	2 (0%)
Am. Indian/AK. Native	4 (0%)	0 (0%)	4 (0%)	8 (0%)	0 (0%)	8 (0%)
Asian	7 (0%)	0 (0%)	7 (0%)	6 (0%)	0 (0%)	6 (0%)
Multi-Race/Other	107 (1%)	0 (0%)	107 (1%)	24 (1%)	0 (0%)	24 (1%)
Total	7120	78	7198	2810	37	2847

Age	AIDS Cases		HIV Cases	
	Cases (%)	Deaths (%)	Cases (%)	Deaths (%)
0-4	60 (1%)	23 (1%)	27 (1%)	0 (0%)
5-12	18 (0%)	11 (0%)	10 (0%)	0 (0%)
13-19	68 (1%)	20 (1%)	142 (5%)	5 (3%)
20-24	283 (4%)	137 (3%)	358 (13%)	7 (4%)
25-29	938 (13%)	535 (14%)	406 (14%)	18 (9%)
30-39	2781 (39%)	1576 (40%)	841 (30%)	45 (23%)
40-49	2022 (28%)	1030 (26%)	690 (24%)	60 (31%)
50-59	751 (10%)	391 (10%)	278 (10%)	34 (18%)
60-64	151 (2%)	109 (3%)	63 (2%)	12 (6%)
65-69	70 (1%)	47 (1%)	21 (1%)	6 (3%)
70 +	56 (1%)	43 (1%)	11 (0%)	6 (3%)
Total	7198	3922	2847	193

Florida HIV/AIDS Statistics

Table 1. HIV/AIDS Case Counts for Florida (HIV: 7/1/97 - 12/30/2010) (AIDS: 1981—12/30/2010)			Table 2. HIV/AIDS Cases Presumed to be Alive in Florida (through 12/30/2010)		
	HIV	AIDS		HIV	AIDS
ADULT	46,183	119,619	ADULT	43,390	54,280
PEDIATRIC (< 13)	612	1,542	PEDIATRIC (< 13)	243	65
TOTAL	46,795	121,161	TOTAL	43,633	54,345

Table 3. Living HIV/AIDS Case Counts in Surrounding Counties (through 12/30/2010)- excluding Dept. of Corrections			Table 4. Living HIV/AIDS Case Counts in the Top 7 Florida Counties (through 12/30/2010)- excluding Dept. of Corrections		
County	HIV	AIDS	County	HIV	AIDS
Hillsborough	2,654	3,276	Miami-Dade	11,883	13,489
Pinellas	1,542	2,038	Broward	7,663	8,793
Polk	660	1022	Palm Beach	3,094	4,759
Sarasota	320	521	Orange	3,427	3,621
Manatee	364	509	Hillsborough	2,654	3,276
Pasco	291	386	Duval	2,266	3018
Highlands	81	104	Pinellas	1,542	2,038
Hernando	91	96	<i>*Source for Tables 1—4: Florida Department of Health Bureau of HIV/AIDS</i>		
Hardee	24	42			

United States HIV/AIDS Statistics

Table 5. Cumulative HIV/AIDS Case Counts for U.S. and dependent areas				Table 6. Cumulative Number of Cases Living with HIV in Top 5 U.S. States (through 2008)		
	HIV *	AIDS **	% AIDS Deaths (estimated)			
ADULT	667,940	1,132,836	52%	1. New York (06/00)	128,143	15%
PEDIATRIC	2,963	9,878	52%	2. California (4/06)	103,073	12%
TOTAL	670,903	1,142,714	52%	3. Florida (07/97)	92,149	11%
<i>*HIV data includes persons living with HIV through 2008 in 40 states and 5 U.S. dependent areas.</i>				4. Texas (01/99)	61,872	7%
<i>**AIDS data includes both living and deceased persons diagnosed with AIDS through 2009.</i>				5. New Jersey (01/92)	35,176	4%

Table 7. Cumulative AIDS Cases of 20 Leading U.S. Cities/MSAs (through 2009)							
1. New York City	184,047	6. San Francisco	33,172	11. Baltimore area	23,875	16. San Diego area	14,723
2. Los Angeles area	65,947	7. Philadelphia area	32,477	12. Dallas area	23,084	17. Tampa-St. Pete	13,135
3. Washington D.C. area	37,916	8. Houston area	29,556	13. Newark	22,477	18. Detroit area	11,936
4. Chicago area	35,074	9. Atlanta area	27,313	14. Ft. Lauderdale	19,601	19. Oakland, Ca.	11,250
5. Miami	33,855	10. San Juan, PR	24,126	15. Boston area	15,363	20. West Palm Beach	11,116

Table 8. Cumulative AIDS Cases of 10 Leading U.S. States (through 2009)				World HIV/AIDS Statistics	
1. New York	201,871	6. Georgia	39,460	Estimated new HIV infections in World in 2009: 2.6 million (~7100 per day)	
2. California	161,695	7. Illinois	39,175	Estimated living World HIV Cases as of 2009: 33.3 million (22.5 million in sub-Saharan Africa)	
3. Florida	122,278	8. Pennsylvania	38,657	Estimated children (<15 years of age) deaths due to AIDS related illnesses as of 2009: 260,000 (19% fewer than 2004)	
4. Texas	79,967	9. Maryland	36,313	Estimated World deaths due to AIDS in 2009: 1.8 million	
5. New Jersey	55,292	10. Puerto Rico	33,277		
<i>Source for Tables 5—8: Centers for Disease Control and Prevention, HIV/AIDS Surveillance Report, Vol. 21</i>				<i>Source: World Health Organization (www.who.org) & Joint United Nations Programme on HIV/AIDS (www.unaids.org)</i>	

Useful Web Links/Sites for Additional HIV/AIDS Information

Florida HIV/AIDS Statistics:	http://www.doh.state.fl.us/	Int'l Assoc. of Physicians in AIDS care:	http://www.iapac.org/
Centers for Disease Control and Prevention:	http://www.cdc.gov/	Florida AIDS Hotline site:	http://www.211bigbend.org/hotlines/hiv/
World Health Organization:	http://www.who.int/en/	HIV/AIDS InSite Information:	http://hivinsite.ucsf.edu/
PAHO: AIDS site:	http://www.paho.org/english/ad/fch/ai/aids.htm	HIV/AIDS Info/Treatment Site:	http://www.aidsinfo.nih.gov/