



# HIV/AIDS STATISTICS

## Pinellas and Pasco Counties (Area 5)

Volume 20, Issue 1  
April 30, 2010



### Pinellas County Health Department

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

#### Director

Claude M. Dharamraj, MD, MPH, FAAP  
[claude\\_dharamraj@doh.state.fl.us](mailto:claude_dharamraj@doh.state.fl.us)

#### Disease Control Division Director

Patricia L. Ryder, MD, MPH  
[pat\\_ryder@doh.state.fl.us](mailto:pat_ryder@doh.state.fl.us)

#### Epidemiology Program Manager

Dongming Cui, MD, DrPH, MPH  
[dongming\\_cui@doh.state.fl.us](mailto:dongming_cui@doh.state.fl.us)

#### Surveillance Program Manager

Andrea M. Dopico, MPH  
[andrea\\_dopico@doh.state.fl.us](mailto:andrea_dopico@doh.state.fl.us)

#### HIV/AIDS Program Coordinator

Lisa E. Cohen  
[lisa\\_cohen@doh.state.fl.us](mailto:lisa_cohen@doh.state.fl.us)

#### STD Program Manager

Sherry Y. Lewis, MM  
[sherry\\_lewis@doh.state.fl.us](mailto:sherry_lewis@doh.state.fl.us)

#### TB Program Manager

Robyn Pasto  
[robyn\\_pasto@doh.state.fl.us](mailto:robyn_pasto@doh.state.fl.us)

#### HIV/AIDS Surveillance

Program Coordinator  
Beth M. Sudduth, MPH  
[beth\\_sudduth@doh.state.fl.us](mailto:beth_sudduth@doh.state.fl.us)

#### HIV/AIDS/STD Surveillance Staff:

**Fred Aldridge** - HIV/AIDS Surveillance Coordinator

**Katleen Jean, MPH** - STD Surveillance Coordinator ; CDC Public Health Apprentice/ Newsletter Editor

**Mamie Slaughter** - HIV/AIDS NIR Coordinator

**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

## A Message to our Infectious Disease Health Care Providers:



The HIV/AIDS Surveillance Office wants to thank you for opening up your medical records departments and offices to our staff so that we could assess how comprehensive and accurate the HIV and AIDS reporting process has been for 2009. The good news is that most of the cases that were supposed to be reported in 2009 were indeed reported and very few additional cases were found. For those cases that were missed we would like to pass on some important information to you about what steps you or your office staff could take to

make the process go smoother.

First, please consider ordering a Western Blot test result on any patient that comes into your practice with no detectable proof that they have HIV. This is especially true if you work in a hospital setting where patients may not return and/or continue follow-up with a local infectious disease physician. There were several AIDS cases (e.g. low CD4 tests) we could not verify in the charts due to a lack of proof of HIV positivity (i.e. only undetectable Viral Load tests or no tests ordered at all). These were mainly on patients who were visiting from other states or who visited a physician's office (or hospital) only once or twice. It is suggested that you order a WB test on the very first visit or hospital stay so that proof will be in a chart if any subsequent AIDS defining conditions are noted. This would also give the health department the chance to assist you in locating the individuals and offer post-test counseling, partner notification, and referrals to community resources. In addition, funding for state and local prevention programs and assistance for treatment (e.g. the AIDS Drug Assistance Program) is based upon the number of HIV cases a state reports to the federal government.

Another important piece of the puzzle is the necessity to ask and/or document in the chart the risk factors that are associated with how the person was infected with HIV. The Centers for Disease Control has defined the 3 main risk factors to be the following: men having sex with men (MSM), intravenous drug use (IVDU), and heterosexual relations with a person who is documented to have HIV. The latter would include any ex-partners who have stated they have HIV to the patient. If a partner is known to be exposed the health department can assist you in getting that person tested.

Finally, please report any pregnant HIV positive patients and/or HIV exposed babies to the HIV/AIDS Surveillance Office as soon as possible. The health department has an HIV Perinatal Taskforce that is committed to connecting these women and their babies with the proper resources and support systems that they need. Our goal is to educate citizens and to hopefully stop the spread of HIV in our community.

## 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 March 31, 2010

HIV data is cumulative from 7/1/97 to March 31, 2010

**Table 1.**

Risk Exposure	AIDS Cases—ADULT			HIV Cases—ADULT		
	Males (%)	Females (%)	Total (%)	Males (%)	Females (%)	Total (%)
MSM*	2,642 (70%)	0 (0%)	2,642 (57%)	861 (71%)	0 (0%)	<b>861 (53%)</b>
Injecting Drug Users (IDU)	424 (11%)	242 (30%)	666 (15%)	85 (7%)	82 (20%)	<b>167 (10%)</b>
MSM & IDU	282 (7%)	0 (0%)	282 (6%)	66 (5%)	0 (0%)	<b>66 (4%)</b>
Heterosexual Contact	256 (7%)	473 (59%)	729 (16%)	103 (8%)	238 (59%)	<b>341 (21%)</b>
Transfusion Recipients	27 (1%)	23 (3%)	50 (1%)	1 (0%)	0 (0%)	<b>1 (0%)</b>
Coagulation Disorder	10 (0%)	0 (0%)	10 (0%)	0 (0%)	0 (0%)	<b>0 (0%)</b>
Perinatal or Pediatric Risk	5 (0%)	3 (0%)	8 (0%)	1 (0%)	1 (0%)	<b>2 (0%)</b>
Risk Not Reported/Other	154 (4%)	62 (8%)	216 (5%)	106 (9%)	84 (21%)	<b>190 (12%)</b>
<b>Total (%)</b>	<b>3,800 (100 %)</b>	<b>803 (100%)</b>	<b>4,603 (100%)</b>	<b>1,223 (100 %)</b>	<b>405 (100%)</b>	<b>1628 (100%)</b>

**Table 2.**

Risk Exposure	AIDS Cases—PEDIATRIC			HIV Cases—PEDIATRIC		
	Hispanic (%)	Black/Other (%)	White(%)	Hispanic (%)	Black/Other (%)	White(%)
Mother with HIV	4 (100%)	12 (86%)	12 (86%)	2 (100%)	4 (80%)	4 (100%)
Hemophilia	0 (0%)	0 (0%)	2 (14%)	0 (0%)	0 (0%)	0 (0%)
Transfusion Recipients	0 (0%)	1 (7%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Risk Not Reported/Other	0 (0%)	1 (7%)	0 (0%)	0 (0%)	1 (20%)	0 (0%)
<b>Total (%)</b>	<b>4 (100 %)</b>	<b>14 (100%)</b>	<b>14 (100%)</b>	<b>2 (100 %)</b>	<b>5 (100%)</b>	<b>4 (100%)</b>

**Table 3.**

Race	AIDS Cases			HIV Cases		
	Adults (%)	Pediatric (%)	Total (%)	Adults (%)	Pediatric (%)	Total (%)
White	3,034 (66%)	14 (44%)	3,048 (66%)	934 (58%)	4 (36%)	<b>938 (57%)</b>
Black	1,245 (27%)	12 (38%)	1,257 (27%)	535 (33%)	5 (46%)	<b>540 (33%)</b>
Hispanic	254 (6%)	4 (12%)	258 (6%)	118 (7%)	2 (18%)	<b>120 (7%)</b>
Native Hawaiian/Pacific Is.	1 (0%)	0 (0%)	1 (0%)	0 (0%)	0 (0%)	<b>0 (0%)</b>
Legacy Asian/Pacific Is.	9 (0%)	0 (0%)	9 (0%)	2 (0%)	0 (0%)	<b>2 (0%)</b>
Am. Indian/AK. Native	6 (0%)	0 (0%)	6 (0%)	7 (0%)	0 (0%)	<b>7 (0%)</b>
Asian	6 (0%)	0 (0%)	6 (0%)	9 (1%)	0 (0%)	<b>9 (1%)</b>
Multi-Race/Other	48 (1%)	2 (6%)	50 (1%)	23 (1%)	0 (0%)	<b>23 (2%)</b>
<b>Total (%)</b>	<b>4,603 (100 %)</b>	<b>32 (100%)</b>	<b>4,635 (100%)</b>	<b>1,628 (100 %)</b>	<b>11 (100%)</b>	<b>1639 (100%)</b>

**Table 4.**

Age	AIDS Cases		HIV Cases	
	Cases (%)	Deaths (%)	Cases (%)	Deaths (%)
0-4	21 (0%)	16 (50%)	5 (0%)	0 (0%)
5-12	11 (0%)		6 (0%)	
13-19	31 (1%)	2,603 (57%) (ages 13—70+)	60 (4%)	110 (7%) (ages 13—70+)
20-29	673 (14%)		374 (23%)	
30-39	1,832 (40%)		503 (31%)	
40-49	1,381 (30%)		451 (27%)	
50-59	504 (11%)		196 (12%)	
60-64	108 (2%)		26 (1%)	
65-69	44 (1%)		9 (1%)	
70 +	30 (1%)	9 (1%)		
<b>Total (%)</b>	<b>4,635 (100%)</b>	<b>2,619 (57%)</b>	<b>1,639 (100%)</b>	<b>110 (7%)</b>

\*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 March 31, 2010

HIV data is cumulative from 7/1/97 to March 31, 2010

Table 1.	AIDS Cases—ADULT			HIV Cases—ADULT		
	Risk Exposure	Males (%)	Females (%)	Total (%)	Males (%)	Females (%)
MSM	362 (57%)	0 (0%)	362 (45%)	139 (62%)	0 (0%)	139 (44%)
Injecting Drug Users (IDU)	76 (12%)	44 (26%)	120 (15%)	15 (7%)	14 (16%)	29 (9%)
MSM & IDU	66 (10%)	0 (0%)	66 (8%)	15 (7%)	0 (0%)	15 (5%)
Heterosexual Contact	70 (11%)	109 (64%)	179 (22%)	20 (9%)	64 (70%)	84 (27%)
Transfusion Recipients	12 (2%)	3 (2%)	15 (2%)	*	0 (0%)	0 (0%)
Coagulation Disorder	3 (1%)	0 (0%)	3 (1%)	*	0 (0%)	*
Perinatal or Pediatric Risk	*	*	*	*	*	*
Risk Not Reported/Other	41 (7%)	13 (8%)	54 (7%)	36 (15%)	13 (14%)	46 (15%)
<b>Total (%)</b>	<b>630 (100 %)</b>	<b>170 (100%)</b>	<b>800 (100%)</b>	<b>225 (100 %)</b>	<b>91 (100%)</b>	<b>316 (100%)</b>

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	*	*	*	*	*	*
<b>Total (%)</b>	<b>3 (100%)</b>			<b>&lt;3</b>		

Table 3.	AIDS Cases			HIV Cases		
	Race	Adults (%)	Pediatric (%)	Total (%)	Adults (%)	Pediatric (%)
White	632 (79%)	*	*	224 (71%)	*	*
Black	78 (10%)	*	*	40 (13%)	*	*
Hispanic	76 (10%)	*	*	44 (14%)	*	*
Legacy Asian/Pacific Is.	*	*	*	*	*	*
Am. Indian/AK. Native	*	*	*	*	*	*
Asian	*	*	*	3 (1%)	*	*
Multi-Race/Other	10 (1%)	*	*	4 (1%)	*	*
<b>Total (%)</b>	<b>800 (100 %)</b>	<b>3 (100%)</b>	<b>803 (100%)</b>	<b>316 (100 %)</b>	<b>&lt;3</b>	<b>*</b>

Table 4.	AIDS Cases		HIV Cases	
	Age	Cases (%)	Deaths (%)	Cases (%)
0-12	3 (0%)	<3	20 (6%)	0 (0%)
13-19	7 (1%)		(ages 0—19)	
20-29	103 (13%)		64 (20%)	
30-39	319 (40%)	421 (53%)	88 (28%)	25 (8%)
40-49	239 (30%)		86 (27%)	
50-59	98 (12%)	(ages 13 - 70+)	47 (15%)	(ages 13 - 70+)
60-64	11 (1%)		6 (2%)	
65-69	14 (2%)		7 (2%)	
70 +	9 (1%)		(ages 65+)	
<b>Total (%)</b>	<b>803 (100%)</b>	<b>*</b>	<b>318 (100%)</b>	<b>25 (8%)</b>

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 500,00 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 March 31, 2010

HIV data is cumulative from 7/1/97 to March 31, 2010

Risk Exposure	AIDS Cases—ADULT			HIV Cases—ADULT		
	Males (%)	Females (%)	Total (%)	Males (%)	Females (%)	Total (%)
MSM	3,292 (61%)	0 (0%)	3,292 (47%)	1,210 (63%)	0 (0%)	<b>1,210 (44%)</b>
Injecting Drug Users (IDU)	657 (12%)	407 (25%)	1,064 (15%)	103 (5%)	88 (11%)	<b>191 (7%)</b>
MSM & IDU	410 (8%)	0 (0%)	410 (6%)	80 (4%)	0 (0%)	<b>80 (3%)</b>
Heterosexual Contact	584 (11%)	987 (59%)	1,571 (22%)	209 (11%)	492 (60%)	<b>701 (25%)</b>
Transfusion Recipients	27 (1%)	21 (1%)	48 (1%)	0 (0%)	0 (0%)	<b>0 (0%)</b>
Coagulation Disorder	19 (0%)	1 (0%)	20 (0%)	2 (0%)	0 (0%)	<b>2 (0%)</b>
Perinatal or Pediatric Risk	6 (0%)	11 (1%)	17 (0%)	1 (0%)	2 (0%)	<b>3 (0%)</b>
Risk Not Reported	373 (7%)	224 (14%)	597 (9%)	332 (17%)	239 (29%)	<b>571 (21%)</b>
<b>Total (%)</b>	<b>5,368 (100 %)</b>	<b>1,651 (100%)</b>	<b>7,019 (100%)</b>	<b>1,937 (100 %)</b>	<b>821 (100%)</b>	<b>2758 (100%)</b>

Risk Exposure	AIDS Cases—PEDIATRIC			HIV Cases—PEDIATRIC		
	Hispanic (%)	Black/Other (%)	White (%)	Hispanic (%)	Black/Other (%)	White (%)
Mother with HIV	16 (94%)	43 (98%)	11 (65%)	7 (100%)	26 (100%)	6 (100%)
Hemophilia	1 (6%)	0 (0%)	2 (11%)	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%)
<b>Total (%)</b>	<b>17 (100 %)</b>	<b>44 (100%)</b>	<b>17 (100%)</b>	<b>7(100 %)</b>	<b>26 (100%)</b>	<b>6 (100%)</b>

Race	AIDS Cases			HIV Cases		
	Adults (%)	Pediatric (%)	Total (%)	Adults (%)	Pediatric (%)	Total (%)
White	3,094 (44%)	17 (22%)	3,111 (44%)	1,059 (38%)	6 (15%)	<b>1065 (38%)</b>
Black	2,709 (39%)	44 (56%)	2,753 (39%)	1,214 (44%)	26 (64%)	<b>1240 (44%)</b>
Hispanic	1,103 (16%)	17 (22%)	1,120 (16%)	450 (17%)	7 (21%)	<b>457 (17%)</b>
Legacy Asian/Pacific Is.	9 (0%)	0 (0%)	9 (0%)	2 (0%)	0 (0%)	<b>2 (0%)</b>
Native Hawaiian/ Pacific Is.	0 (0%)	0 (0%)	0 (0%)	2 (0%)	0 (0%)	<b>2 (0%)</b>
Am. Indian/AK. Native	3 (0%)	0 (0%)	3 (0%)	7 (0%)	0 (0%)	<b>7 (1%)</b>
Asian	7 (0%)	0 (0%)	7 (0%)	6 (0%)	0 (0%)	<b>6 (0%)</b>
Multi-Race/Other	94 (1%)	0 (0%)	94 (1%)	18 (1%)	0 (0%)	<b>18 (1%)</b>
<b>Total (%)</b>	<b>7,019 (100 %)</b>	<b>78 (100%)</b>	<b>7,097 (100%)</b>	<b>2,758 (100 %)</b>	<b>39 (100%)</b>	<b>2797 (100%)</b>

Age	AIDS Cases		HIV Cases	
	Cases (%)	Deaths (%)	Cases (%)	Deaths (%)
0-4	60 (1%)	34 (44%)	29 (1%)	0 (0%)
5-12	18 (0%)		10 (0%)	
13-19	62 (1%)		132 (5%)	
20-29	1,204 (17%)		743 (27%)	
30-39	2,763 (39%)		850 (30%)	
40-49	1,994 (28%)	3,812 (54%)	676 (24%)	182 (7%)
50-59	721 (10%)	(ages 13—70+)	263 (9%)	(ages 13—70+)
60-64	151 (2%)		62 (2%)	
65-69	68 (1%)		20 (1%)	
70 +	56 (1%)		12 (1%)	
<b>Total (%)</b>	<b>7, 097 (100%)</b>	<b>3,846 (54%)</b>	<b>2,797 (100%)</b>	<b>182 (7%)</b>

# Florida HIV/AIDS Statistics

Table 1. Cumulative Case Counts for Florida (HIV: 7/1/97 - 3/31/10) (AIDS: 1981 - 3/31/10)			Table 2. HIV/AIDS Cases Presumed to be Alive in Florida (as of 4/01/10)	
	HIV	AIDS		Presumed Alive
ADULT	44,983	116,743	ADULT	96,484
PEDIATRIC	614	1,540	PEDIATRIC	346
TOTAL	45,597	118,283	TOTAL	96,830

  

Table 3. Living HIV/AIDS Case Counts in Surrounding Counties (as of 4/01/10) - excluding Dept. of Corrections			Table 4. Living HIV/AIDS Case Counts in the Top 7 Florida Counties (as of 4/01/10) - excluding Dept. of Corrections		
County	HIV	AIDS	County	HIV	AIDS
Hillsborough	2,636	3,230	Miami-Dade	11,621	13,412
<b>Pinellas</b>	<b>1,541</b>	<b>2,008</b>	Broward	7,681	8,651
Polk	659	966	Palm Beach	3,109	4,723
Sarasota	320	519	Orange	3,382	3,514
Manatee	361	501	Hillsborough	2,636	3,230
<b>Pasco</b>	<b>294</b>	<b>379</b>	Duval	2,254	2,938
Highlands	84	100	<b>Pinellas</b>	<b>1,541</b>	<b>2,008</b>
Hernando	94	98	<i>*Source for Tables 1 - 4: Florida Department of Health Bureau of HIV/AIDS</i>		
Hardee	24	43			

# United States HIV/AIDS Statistics

Table 5. Cumulative HIV/AIDS Case Counts for U.S. and dependent areas (through 12/31/07)				Table 6. Cumulative Number of Cases Living with HIV in Top 5 U.S. States (through 12/31/07)		
	HIV *	AIDS	% AIDS Deaths (estimated)			
ADULT	331,768	1,021,242	57%	1. New York (06/00)	46,390	18%
PEDIATRIC	5,822	9,590	56%	<b>2. Florida (07/97)</b>	<b>39,686</b>	<b>15%</b>
TOTAL	337,590	1,030,832	57%	3. Texas (01/99)	26,605	10%
<i>*HIV data is only from those states/areas where HIV is reportable &amp; includes only persons reported with HIV infection who have not developed AIDS.</i>				4. New Jersey (01/92)	17,612	7%
				5. Georgia	13,873	5%

Table 7. Cumulative AIDS Cases of 20 Leading U.S. Cities/MSAs (through 12/31/07)							
1. New York City	166,051	6. Miami	31,036	11. Baltimore area	21,371	16. San Diego area	13,554
2. Los Angeles area	60,583	7. Philadelphia area	29,791	12. Dallas area	21,023	<b>17. Tampa-St. Pete</b>	<b>11,754</b>
3. Washington D.C. area	32,809	8. Houston area	26,954	13. Newark	20,728	18. Detroit area	10,852
4. San Francisco	31,559	9. Atlanta area	23,241	14. Ft. Lauderdale	17,308	19. W. Palm Beach	10,210
5. Chicago area	31,488	10. San Juan, PR	22,272	15. Boston area	14,013	20. Oakland, Ca.	10,037

Table 8. Cumulative AIDS Cases of 10 Leading U.S. States (through 12/31/07)				World HIV/AIDS Statistics	
1. New York	181,461	6. Pennsylvania	35,489	Estimated new HIV infections in World in 2007: <b>2.5 million</b> (~6800 per day)	
2. California	148,949	7. Illinois	35,066	Estimated living World HIV Cases as of 2007: <b>33.2 million</b> (22.5 million in sub-Saharan Africa)	
<b>3. Florida</b>	<b>109,524</b>	8. Georgia	33,847	Estimated children (<15 years of age) in world living with HIV/AIDS as of 2007: <b>2 million</b> (1.7 million in sub-Saharan Africa)	
4. Texas	72,828	9. Maryland	31,931	Estimated World deaths due to AIDS in 2007: <b>2.5 million</b>	
5. New Jersey	50,694	10. Puerto Rico	30,736		
Source for Tables 5 - 8: Centers for Disease Control and Prevention, HIV/AIDS Surveillance Report, Vol. 19				Source: World Health Organization ( <a href="http://www.who.org">www.who.org</a> ) & Joint United Nations Programme on HIV/AIDS ( <a href="http://www.unaids.org">www.unaids.org</a> )	

### Useful Web Links/Sites for Additional HIV/AIDS Information

Florida HIV/AIDS Statistics:	<a href="http://www.doh.state.fl.us/">http://www.doh.state.fl.us/</a>	Int'l Assoc. of Physicians in AIDS care:	<a href="http://www.iapac.org/">http://www.iapac.org/</a>
Centers for Disease Control and Preven-	<a href="http://www.cdc.gov/">http://www.cdc.gov/</a>	Florida AIDS Hotline site:	<a href="http://www.211bigbend.org/hotlines/hiv/">http://www.211bigbend.org/hotlines/hiv/</a>
World Health Organization:	<a href="http://www.who.int/en/">http://www.who.int/en/</a>	HIV/AIDS InSite Information:	<a href="http://hivinsite.ucsf.edu/">http://hivinsite.ucsf.edu/</a>
PAHO: AIDS site:	<a href="http://new.paho.org/hq/index.php?lang=en">http://new.paho.org/hq/index.php?lang=en</a>	HIV/AIDS Info/Treatment Site:	<a href="http://www.aidsinfo.nih.gov/">http://www.aidsinfo.nih.gov/</a>

\*Our surveillance data will now run live data, rather than cumulative data, as 50% of the AIDS cases have died and that data is unusable.