HIV/AIDS STATISTICS

Pinellas and Pasco Counties (Area 5)

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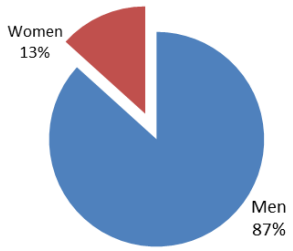
To report cases of HIV/AIDS or an HIV exposed baby please call: (727) 824-6903

Inside this issue:

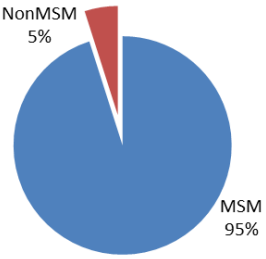
2008-2012 Youth HIV Data At A Glance

If you or someone you know is a male youth (between the ages of 18-24), you are at exceptional risk for HIV transmission according to studies by the Centers for Disease Control and Prevention (CDC) http://www.cdc.gov/hiv/resources/factsheets/pdf/youth.pdf. Graph 1 below shows the HIV transmission percentage for youths in Pinellas and Pasco counties (Area 5). Youths account for 14% of the total HIV cases in Pinellas and Pasco counties between 2008 and 2012. Males account for 87% of the HIV infection in 18-24 year olds. Graphs 2 and 3 show that the risk of HIV transmission is especially high for minority males and/or MSM* youths when compared to NonMSM youths age 18-24. Minority females in Area 5 are just slightly more likely to contract HIV than their white counterparts. The transmission rate seen in 18-24 year olds in Pinellas and Pasco are similar across Florida and the United States. Why do youths have one of the highest transmission rates? According to the CDC many are not getting tested. Lack of testing coupled with having unprotected sex and not knowing their risk factors increase transmission rates among youths.

Graph 1: HIV cases by gender for 18-24 year olds in Pinellas and Pasco Counties 2008-2012

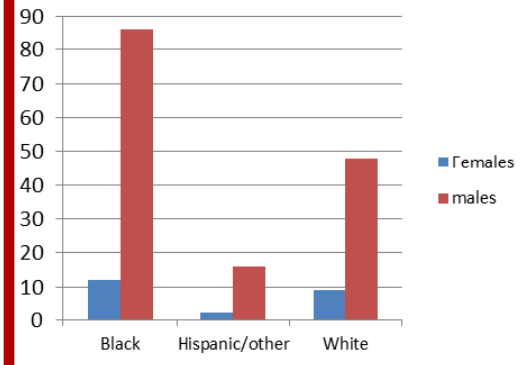


Graph 2: Risk factors for Men 18-24 year olds in Pinellas and Pasco counties 2008-2012



*MSMs are men who have sex with men.

Graph 3: HIV infection rate by race and gender for Pinellas and Pasco counties 2008-2012



18-24 year olds also have insufficient healthcare access. This deficiency in healthcare access, according to the CDC, increases transmission rates among the youth. The lack of healthcare access is due in part to socioeconomic issues such as ethnicity, gender, incarceration, poverty and housing. According to an article by the CDC seen at http://www.cdc.gov/features/vitalsigns/hivamongyouth/ MSM and bisexual youths are 40 times more likely to contract HIV than heterosexual males regardless of age. During anal sex the recipient individual is more susceptible to infection. There is no single factor that can be identified as the root cause for such high transmission rates in the youth, however there are steps that can be taken to curtail the increasing rates among them. The first step is to know your status, as well as your partner's status by getting tested.

HIV infects youths across demographic lines. If you or someone you know is a youth, protection against HIV infection begins by knowing the facts about HIV. HIV is spread through blood, semen, breast milk and vaginal fluids. If abstinence is not being practiced, then limit the number of your sexual partners. Condoms should be used during each sexual encounter. According to the CDC, MSM youths should know that having sex with an untested older partner increases their HIV transmission rate. This is because older MSM partners are more likely to have had more sexual partners in the past than their MSM youth counterparts. Needles and syringes washed with bleach or other cleaning agents are not as safe as brand new sterile ones. If you are diagnosed with HIV then seek medical treatment, take the recommended antiretroviral medications, and make sure that your viral load is consistently undetectable.

Special Points of Interest

- Please call **(727) 824-6903** 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 Dec 31, 2012 *HIV data is cumulative from 7/1/97 to Dec 31, 2012*

Table 1.

	AIDS Cases—ADULT			HIV Cases—ADULT		
Risk Exposure	**Males (%)**	**Females (%)**	***Total (%)***	**Males (%)**	**Females (%)**	***Total (%)***
MSM*	2780(69%)	0 (0%)	**2780 (57%)**	896(71%)	0 (0%)	***896 (53%)***
Injecting Drug Users (IDU)	436 (11%)	251 (29%)	**687 (14%)**	79 (6%)	80 (19%)	***159 (10%)***
MSM & IDU	314 (8%)	0 (0%)	**314 (6%)**	68 (5%)	0 (0%)	***68 (4%)***
Heterosexual Contact	289 (7%)	524 (60%)	**813 (17%)**	101 (8%)	252 (60%)	***353 (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%)	4 (0%)	**9 (0%)**	1 (0%)	0 (0%)	***1 (0%)***
Risk Not Reported/Other	180 (4%)	71(8%)	**251 (5%)**	121 (10%)	87 (21%)	***208 (12%)***
Total	***4041 (82%)***	***873 (18%)***	***4914***	***1267 (75%)***	***419 (25%)***	***1686***

Table 2.

	AIDS Cases—PEDIATRIC			HIV Cases—PEDIATRIC		
Risk Exposure	**Hispanic/Other**	**Black**	***White***	**Hispanic/Other**	**Black**	***White***
Mother with HIV	5	11	12	3	5	4
Hemophilia	0	0	2	0	0	0
Transfusion Recipients	0	1	0	0	0	0
Risk Not Reported/Other	1	0	0	0	1	0
Total	***6***	***12***	***14***	***3***	***6***	***4***

Table 3.

	AIDS Cases			HIV Cases		
Race	**Adults (%)**	**Pediatric (%)**	***Total (%)***	**Adults (%)**	**Pediatric (%)**	***Total (%)***
White	3178 (65%)	14 (44%)	**3192 (65%)**	938 (55%)	4 (31%)	***942 (55%)***
Black	1361 (28%)	12 (37%)	**1373 (28%)**	583 (35%)	6 (46%)	***589 (35%)***
Hispanic	287 (6%)	4 (13%)	**291 (6%)**	118 (7%)	2 (15%)	***120 (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	7 (0%)	0 (0%)	**7 (0%)**	4 (0%)	0 (0%)	***4 (0%)***
Asian	6 (0%)	0 (0%)	**6 (0%)**	14 (1%)	0 (0%)	***14 (1%)***
Multi-Race	64 (1%)	2 (6%)	**66 (1%)**	28 (2%)	1 (8%)	***29 (2%)***
Total	***4914 (99%)***	***32 (1%)***	***4946***	***1686 (99%)***	***13 (1%)***	***1699***

Table 4.

	AIDS Cases		HIV Cases	
Age	**Cases (%)**	**Deaths (%)**	**Cases (%)**	**Deaths (%)**
0-4	21 (0%)	11 (0%)	7 (0%)	0 (0%)
5-12	11 (0%)	5 (0%)	6 (0%)	0 (0%)
13-19	36 (1%)	13 (0%)	65 (4%)	3 (2%)
20-24	188 (4%)	102 (4%)	189 (11%)	10 (7%)
25-29	532 (11%)	314 (11%)	211 (13%)	10 (7%)
30-39	1890 (38%)	1123(40%)	492 (29%)	30 (22%)
40-49	1486 (30%)	801 (28%)	460 (27%)	49 (36%)
50-59	573 (11%)	317 (11%)	211 (12%)	26 (19%)
60-64	125 (3%)	75 (3%)	32 (2%)	5 (4%)
65-69	51 (1%)	41 (1%)	12 (1%)	2 (1%)
70 +	33 (1%)	27 (1%)	14 (1%)	3 (2%)
Total	***4946***	***2829 (57%)***	***1699***	***138 (8%)***

***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 Dec 31, 2012 *HIV data is cumulative from 7/1/97 to Dec 31, 2012*

Table 1.

	AIDS Cases—ADULT			HIV Cases—ADULT		
Risk Exposure	**Males (%)**	**Females (%)**	***Total (%)***	**Males (%)**	**Females (%)**	***Total (%)***
MSM	396 (58%)	*	***396 (45%)***	157 (64%)	*	***157 (47%)***
Injecting Drug Users (IDU)	78 (12%)	48 (25%)	***126 (15%)***	16 (7%)	13 (15%)	***29 (9%)***
MSM & IDU	70 (10%)	*	***70 (8%)***	16 (7%)	*	***16 (5%)***
Heterosexual Contact	73 (11%)	120 (63%)	***193 (22%)***	23 (9%)	59 (68%)	***82 (25%)***
Transfusion Recipients	12 (2%)	3 (2%)	***15 (2%)***	*	*	*
Coagulation Disorder	3 (0%)	*	***3 (0%)***	*	*	*
Perinatal or Pediatric Risk	*	*	*	*	*	*
Risk Not Reported/Other	49 (7%)	20 (10%)	***69 (8%)***	31 (13%)	15 (17%)	***46 (14%)***
Total	***681 (78%)***	***191 (22%)***	***872***	***243 (74%)***	***87 (26%)***	***330***

Table 2.

	AIDS Cases—PEDIATRIC			HIV Cases—PEDIATRIC		
Risk Exposure	**Hispanic**	**Black/Other**	***White***	**Hispanic**	**Black/Other**	***White***
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 (%)**	***Total (%)***
White	686 (79%)	*	*	234 (71%)	*	*
Black	89 (10%)	*	*	41 (12%)	*	*
Hispanic	83 (9%)	*	*	45 (13%)	*	*
Legacy Asian/Pacific Is.	*	*	*	*	*	*
Am. Indian/AK. Native	*	*	*	*	*	*
Asian	*	*	*	4 (2%)	*	*
Multi-Race/Other	14 (2%)	*	*	6 (2%)	*	*
Total	***872 (100%)***	***3***	***875***	***330 (100%)***	***3***	***333***

Table 4.

	AIDS Cases		HIV Cases	
Age	**Cases (%)**	**Deaths (%)**	**Cases (%)**	**Deaths (%)**
0-12	3 (0%)	3 (1%)	3 (1%)	5 (14%)
13-19	7 (1%)		14 (4%)	(ages 0-24)
20-24	32 (4%)	18 (4%)	48 (15%)	
25-29	83 (9%)	43 (9%)	33 (10%)	3 (9%)
30-39	338 (39%)	184 (39%)	91 (27%)	6 (17%)
40-49	259 (30%)	129 (27%)	78 (23%)	12 (35%)
50-59	112 (13%)	62 (13%)	49 (15%)	4 (11%)
60-64	13 (1%)	10 (2%)	9 (3%)	5 (14%)
65 +	28 (3%)	23 (5%)	8 (2%)	(ages 60 +)
Total	***875***	***472 (54%)***	***333***	***35 (11%)***

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 Dec 31, 2012 *HIV data is cumulative from 7/1/97 to Dec 31, 2012*

Table 1.

Risk Exposure	AIDS Cases—ADULT Males (%)	AIDS Cases—ADULT Females (%)	AIDS Cases—ADULT *Total (%)*	HIV Cases—ADULT Males (%)	HIV Cases—ADULT Females (%)	HIV Cases—ADULT *Total (%)*
MSM	3496 (62%)	0 (0%)	***3496 (47%)***	1389 (67%)	0 (0%)	***1389 (48%)***
Injecting Drug Users (IDU)	694 (12%)	429 (24%)	***1123 (15%)***	113 (6%)	96 (11%)	***209 (7%)***
MSM & IDU	435 (8%)	0 (0%)	***435 (6%)***	82 (4%)	0 (0%)	***82 (3%)***
Heterosexual Contact	657 (12%)	1108 (63%)	***1765 (24%)***	212 (10%)	527 (62%)	***739 (25%)***
Transfusion Recipients	27 (0%)	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	8 (0%)	19 (1%)	***27 (0%)***	2 (0%)	4 (1%)	***6 (0%)***
Risk Not Reported	349 (6%)	200 (11%)	***549 (7%)***	270 (13%)	223 (26%)	***493 (17%)***
Total	***5684 (76%)***	***1778 (24%)***	***7462***	***2070 (71%)***	***850 (29%)***	***2920***

Table 2.

Risk Exposure	AIDS Cases—PEDIATRIC Hispanic/Other	AIDS Cases—PEDIATRIC Black	AIDS Cases—PEDIATRIC *White*	HIV Cases—PEDIATRIC Hispanic/Other	HIV Cases—PEDIATRIC Black	HIV Cases—PEDIATRIC *White*
Mother with HIV	14	45	12	7	23	5
Hemophilia	1	0	2	0	0	0
Transfusion Recipients	0	1	3	0	0	0
Risk Not Reported	0	0	1	0	0	0
Total	***15***	***46***	***18***	***7***	***23***	***5***

Table 3.

Race	AIDS Cases Adults (%)	AIDS Cases Pediatric (%)	AIDS Cases *Total (%)*	HIV Cases Adults (%)	HIV Cases Pediatric (%)	HIV Cases *Total (%)*
White	3210 (43%)	18 (23%)	**3228 (43%)**	1098 (38%)	5 (14%)	***1103 (37%)***
Black	2931 (39%)	46 (58%)	**2977 (39%)**	1268 (44%)	23 (66%)	***1291 (44%)***
Hispanic	1185 (16%)	15 (19%)	**1200 (16%)**	502 (17%)	6 (17%)	***508 (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	5 (0%)	0 (0%)	**5 (0%)**	7 (0%)	0 (0%)	***7 (0%)***
Asian	8 (0%)	0 (0%)	**8 (0%)**	11 (0%)	1 (3%)	***12 (1%)***
Multi-Race/Other	115 (2%)	0 (0%)	**115 (2%)**	30 (1%)	0 (0%)	***30 (1%)***
Total	***7462 (99%)***	***79 (1%)***	***7541***	***2920 (99%)***	***35 (1%)***	***2955***

Table 4.

Age	AIDS Cases Cases (%)	AIDS Cases Deaths (%)	HIV Cases Cases (%)	HIV Cases Deaths (%)
0-4	60 (1%)	23 (1%)	26 (1%)	0 (0%)
5-12	19 (0%)	11 (0%)	9 (0%)	0 (0%)
13-19	76 (1%)	20 (0%)	144 (5%)	6 (2%)
20-24	310 (4%)	140 (3%)	394 (13%)	9 (4%)
25-29	971 (13%)	554 (13%)	433 (15%)	21 (9%)
30-39	2859 (38%)	1634 (41%)	842 (29%)	52 (23%)
40-49	2120 (28%)	1092 (26%)	701 (24%)	67 (29%)
50-59	807 (11%)	439 (11%)	299 (10%)	46 (20%)
60-64	175 (2%)	123 (3%)	72 (2%)	13 (6%)
65-69	80 (1%)	56 (1%)	22 (1%)	8 (4%)
70 +	64 (1%)	47 (1%)	13 (0%)	7 (3%)
Total	***7541***	***4139 (55%)***	***2955***	***229 (8%)***

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

Florida HIV/AIDS Statistics

Table 1. HIV/AIDS Case Counts for Florida (including Dept. of Corrections) (HIV: 7/1/97 - 12/31/2012) (AIDS: 1981—12/31/2012)

	HIV	AIDS
ADULT	48,454	125,037
PEDIATRIC (< 13)	604	1,544
TOTAL	49,058	126,581

Table 2. HIV/AIDS Cases Presumed to be Alive in Florida (through 12/31/2012) - including Dept of Corrections

	HIV	AIDS
ADULT	45,076	56,139
PEDIATRIC (< 13)	199	42
TOTAL	45,275	56,181

Table 3. Living HIV/AIDS Case Counts in Surrounding Counties (through 12/31/2012)- excluding Dept. of Corrections

County	HIV	AIDS
Hillsborough	2,726	3,402
Pinellas	**1,561**	**2,120**
Polk	701	1,070
Manatee	377	518
Sarasota	343	516
Pasco	**298**	**403**
Highlands	78	108
Hernando	94	102
Hardee	22	36

Table 4. Living HIV/AIDS Case Counts in the Top 7 Florida Counties (through 12/31/2012)- excluding Dept. of Corrections

County	HIV	AIDS
Miami-Dade	12,439	13,805
Broward	7,998	9,093
Palm Beach	3,125	4,877
Orange	3,602	3,799
Hillsborough	2,726	3,402
Duval	2,418	3,181
Pinellas	**1,561**	**2,120**

Source for Tables 1—4: Florida Department of Health Bureau of HIV/ADS

United States HIV/AIDS Statistics

Table 5. Cumulative HIV/AIDS Case Counts for U.S. and dependent areas

	HIV *	AIDS **	% AIDS Deaths (estimated)
ADULT	895,638	1,180,774	54%
PEDIATRIC	2,891	9,945	52%
TOTAL	936,106	1,190,719	54%

HIV data includes persons living with HIV through **2010 in 46 states and 5 U.S. dependent areas.*
***AIDS data includes both living and deceased persons diagnosed with AIDS through **2011**.*

Table 6. Cumulative Number of Adult Cases Living with HIV in Top 5 U.S. States (through 2010)

1. New York (06/00)	130,255	15%
2. California (4/06)	112,555	13%
3. **Florida (07/97)**	**96,614**	**11%**
4. Texas (01/99)	65,625	7%
5. New Jersey (01/92)	36,126	4%

Table 7. Cumulative AIDS Cases of 20 Leading U.S. Cities/MSAs (through 2011)

1. New York City	187,793	6. San Francisco	34,038	11. San Juan, PR	24,575	16. San Diego area	15,292
2. Los Angeles area	68,878	7. Philadelphia area	33,963	12. Dallas area	24,819	**17. Tampa-St. Pete area**	**13,639**
3. Washington D.C. area	39,579	8. Houston area	31,818	13. Newark	23,154	18. Detroit area	12,499
4. Chicago area	36,526	9. Atlanta area	28,997	14. Ft. Lauderdale	20,311	19. Oakland, Ca.	11,678
5. Miami	34,735	10. Baltimore area	24,999	15. Boston area	16,542	20. West Palm Beach	11,422

Table 8. Cumulative AIDS Cases of 10 Leading U.S. States & Dependent Areas (through 2011)

1. New York	205,198	6. Illinois	40,818
2. California	168,692	7. Pennsylvania	40,554
3. Florida	**126,839**	8. Georgia	42,068
4. Texas	86,106	9. Maryland	38,418
5. New Jersey	56,970	10. Puerto Rico	34,059

Source for Tables 5—8: Centers for Disease Control and Prevention, HIV/AIDS Surveillance Report, Vol. 23

World HIV/AIDS Statistics

Estimated new HIV infections in World in **2011**: **2.5 million** (~**7,000** per day)

Estimated living World **HIV Cases** as of **2011: 34 million** (23.5 million in sub-Saharan Africa; 1.3 million in the U.S.)

Estimated children (<15 years of age) deaths due to AIDS related illnesses as of 2011: **230,000**

Estimated World deaths due to AIDS in 2011: **1.7 million**

Source: World Health Organization (www.who.org) & Joint United-Nations Programme on HIV/AIDS (www.unaids.org/en/)

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://211bigbend.net/florida-hivaids-hotline.html
World Health Organization:	http://www.who.int/en/	HIV/AIDS InSite Information:	http://hivinsite.ucsf.edu/
Perinatal HIV information (USF):	http://www.usfcenter.org/Perinatal/	HIV/AIDS Info/Treatment Site:	http://www.aidsinfo.nih.gov/

*Tables 2-4 represent living data, rather than cumulative data, as 50% of the AIDS cases are dead and that data is unusable.
For Hillsborough and other Florida county data, please visit the Florida Department of Health website at: www.doh.state.fl.us