



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**

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CDC Release of New HIV/AIDS Case Definitions

This past April, the Centers for Disease Control and Prevention (CDC) released a revised Surveillance Case Definition for HIV infection. The recommendations in the MMWR article http://www.cdc.gov/mmwr/preview/mmwrhtml/rr6303a1.htm?s_cid=rr6303a1_w replace previous HIV testing guidelines in the state of Florida as of September 2014. All HIV/AIDS reporting agencies should take note of some of the key updates noted below.

- Physician-documented diagnosis and presumptive evidence of HIV infection (e.g., receipt of HIV Anti Retroviral Therapy—ART) is indicative of an HIV case and is now considered to be reportable, regardless of an undetectable HIV viral load. Note: The ART must be noted on the last page of the HIV case report form.
- CD4 cell absolute counts <200 are now the only CD4 criteria for a reportable AIDS case. A CD4 of <14 percent will not be reportable as AIDS unless there is no CD4 absolute test done or available.
- A confirmed case can be classified in one of five HIV infection stages (0, 1, 2, 3 or unknown). Please review the above MMWR article for specifics on each of these stages. One notable change is that an HIV infective patient between 6-12 years old with a CD4 count <200 is (as with adults) indicative of an AIDS case.
- Perinatal HIV exposure infants can now be reclassified as presumptively uninfected cases with a 2 week and 4 week nonreactive/negative HIV NAT (RNA or DNA) test or one negative HIV NAT test ≥ 8 weeks.
- Lymphoid Interstitial Pneumonia (LIP) has been removed as an opportunistic infection for pediatric cases. Multiple or recurrent bacterial infections now only apply to children < 6 years old.

*All updates were effective in Florida as of 9/1/2014.

News To Use

Statistics demonstrate that gay and bisexual men are infected by HIV more than any other group in the United States. MMWR Vol. 63/No.38 (2014) stated that men who have sex with men represent approximately 2% of the United States population but account for 63% of new HIV infections. Among those new infections, African Americans bear a disproportionate percentage of new HIV cases due to more risk factors. These health disparities are often attributed to individual risky sexual behaviors, multiple partners, and discrimination.

HIV and Gay and Bisexual Men

Did you know not all gay and bisexual men with HIV are getting the care they need?

Of gay and bisexual men diagnosed with HIV:

- 77.5% linked to care
- 50.9% stayed in care
- 49.5% prescribed ART
- 42.0% virally suppressed*

*virus at low enough levels to stay healthy and reduce transmission risk

Get Tested. Get in Care. Stay in Care. Stay Healthy.

On September 27, 2014 the CDC recognized National Gay Men's HIV/AIDS Awareness Day. The Florida Department of Health in Pinellas County participated in the "Xtreme Gay Weekend" hosted by Pinellas Planning Partnership in collaboration with Metro Wellness Center. The Florida Department of Health in Pinellas County provided free Hepatitis Testing from 6pm – 9pm at George's Alibi on September 26, 2014. This event was well attended and served as awareness to our LGBT community. Other quarterly HIV observances included National HIV/AIDS and Aging Awareness Day (September 15th) and National Latino AIDS Awareness Day October 15th).

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.
- Case Reporting Information: http://www.pinellashealth.com/HIVAIDS/HIVAIDS_Surveillance.asp
- Case Report Form: <http://pinellas.floridahealth.gov/programs-and-services/infectious-disease-services/hiv-aids/documents/cdc-electronic-hiv-aids-crf-2013.pdf>

Pinellas County HIV/AIDS Statistics

AIDS data is cumulative from 1981 to June 30, 2014 HIV data is cumulative from 7/1/97 to June 30, 2014

Risk Exposure	AIDS Cases—ADULT			HIV Cases—ADULT		
	Males (%)	Females (%)	Total (%)	Males (%)	Females (%)	Total (%)
MSM*	2887 (69%)	0 (0%)	2887 (57%)	991 (74%)	0 (0%)	991 (56%)
Injecting Drug Users (IDU)	443 (10%)	257 (28%)	700 (14%)	78 (6%)	82 (18%)	160 (9%)
MSM & IDU	322 (8%)	0 (0%)	322 (6%)	75 (6%)	0 (0%)	75 (4%)
Heterosexual Contact	332 (8%)	563 (62%)	895 (17%)	98 (7%)	293 (66%)	391 (22%)
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%)	6 (0%)	11 (0%)	1 (0%)	0 (0%)	1 (0%)
Risk Not Reported/Other	168 (4%)	64 (7%)	232 (5%)	95 (7%)	70 (16%)	165 (9%)
Total	4194 (82%)	913 (18%)	5107	1339 (75%)	445 (25%)	1784

Risk Exposure	AIDS Cases—PEDIATRIC			HIV Cases—PEDIATRIC		
	Hispanic/Other	Black	White	Hispanic/Other	Black	White
Mother with HIV	5	11	12	4	6	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	4	7	4

Race	AIDS Cases			HIV Cases		
	Adults (%)	Pediatric (%)	Total (%)	Adults (%)	Pediatric (%)	Total (%)
White	3265 (65%)	14 (44%)	3279 (64%)	993 (55%)	4 (27%)	997 (55%)
Black	1446 (28%)	12 (38%)	1458 (29%)	605 (34%)	7 (47%)	612 (34%)
Hispanic	301 (6%)	4 (12%)	305 (6%)	137 (8%)	3 (20%)	140 (8%)
Native Hawaiian/Pacific Is.	1 (0%)	0 (0%)	1 (0%)	1 (0%)	0 (0%)	1 (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%)	3 (0%)	0 (0%)	3 (0%)
Asian	9 (0%)	0 (0%)	9 (0%)	16 (1%)	0 (0%)	16 (1%)
Multi-Race	68 (1%)	2 (6%)	70 (1%)	28 (2%)	1 (6%)	29 (2%)
Total	5107 (99%)	32 (1%)	5139	1784 (99%)	15 (1%)	1799

Age	AIDS Cases		HIV Cases	
	Cases (%)	Deaths (%)	Cases (%)	Deaths (%)
0-4	21 (0%)	11 (0%)	9 (0%)	0 (0%)
5-12	11 (0%)	5 (0%)	6 (0%)	0 (0%)
13-19	37 (1%)	13 (0%)	64 (4%)	3 (2%)
20-24	192 (4%)	104 (4%)	221 (12%)	10 (6%)
25-29	549 (11%)	324 (11%)	233 (13%)	11 (7%)
30-39	1929 (38%)	1143 (39%)	496 (28%)	39 (24%)
40-49	1543 (30%)	833 (29%)	476 (26%)	56 (34%)
50-59	627 (12%)	340 (12%)	230 (13%)	31 (19%)
60-64	136 (3%)	78 (3%)	37 (2%)	7 (4%)
65-69	57 (1%)	43 (1%)	12 (1%)	2 (1%)
70 +	37 (0%)	29 (1%)	15 (1%)	6 (3%)
Total	5139	2923 (57%)	1799	165 (9%)

*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 June 30, 2014 HIV data is cumulative from 7/1/97 to June 30, 2014

Table 1.	AIDS Cases—ADULT			HIV Cases—ADULT		
	Risk Exposure	Males (%)	Females (%)	Total (%)	Males (%)	Females (%)
MSM	420 (59%)	*	420 (46%)	166 (67%)	*	166 (49%)
Injecting Drug Users (IDU)	78 (11%)	50 (25%)	128 (14%)	15 (6%)	13 (14%)	28 (8%)
MSM & IDU	72 (10%)	*	72 (8%)	16 (6%)	*	16 (5%)
Heterosexual Contact	78 (11%)	131 (65%)	209 (23%)	25 (10%)	70 (76%)	95 (28%)
Transfusion Recipients	12 (2%)	3 (2%)	15 (2%)	*	*	*
Coagulation Disorder	3 (0%)	*	3 (0%)	*	*	*
Perinatal or Pediatric Risk	*	*	*	*	*	*
Risk Not Reported/Other	54 (7%)	16 (8%)	70 (7%)	27 (11%)	9 (10%)	36 (10%)
Total	717 (78%)	200 (22%)	917	249 (73%)	92 (27%)	341

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	720 (79%)	*	*	242 (71%)	*	*
Black	97 (11%)	*	*	43 (13%)	*	*
Hispanic	85 (9%)	*	*	46 (14%)	*	*
Legacy Asian/Pacific Is.	*	*	*	*	*	*
Am. Indian/AK. Native	*	*	*	*	*	*
Asian	*	*	*	5 (1%)	*	*
Multi-Race/Other	15 (1%)	*	*	5 (1%)	*	*
Total	917 (100%)	3 (0%)	920	341 (100%)	3 (0%)	344

Table 4.	AIDS Cases		HIV Cases	
	Age	Cases (%)	Deaths (%)	Cases (%)
0-12	3 (0%)	4 (1%)	3 (0%)	5 (14%)
13-19	7 (1%)	(ages 0-19)	13 (4%)	(ages 0-24)
20-24	35 (4%)	18 (4%)	46 (13%)	
25-29	86 (9%)	44 (9%)	34 (10%)	3 (8%)
30-39	348 (38%)	189 (38%)	97 (28%)	6 (17%)
40-49	268 (29%)	132 (27%)	81 (24%)	13 (36%)
50-59	127 (14%)	71 (14%)	47 (14%)	4 (11%)
60-64	15 (2%)	10 (2%)	12 (4%)	5 (14%)
65 +	31 (3%)	24 (5%)	11 (3%)	(ages 60 +)
Total	920	492 (53%)	344	36 (10%)

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 June 30, 2014 HIV data is cumulative from 7/1/97 to June 30, 2014

Table 1.	AIDS Cases—ADULT			HIV Cases—ADULT		
	Risk Exposure	Males (%)	Females (%)	Total (%)	Males (%)	Females (%)
MSM	3655 (62%)	0 (0%)	3655 (47%)	1577 (69%)	0 (0%)	1577 (51%)
Injecting Drug Users (IDU)	727 (12%)	449 (24%)	1176 (15%)	118 (5%)	106 (12%)	224 (7%)
MSM & IDU	455 (8%)	0 (0%)	455 (6%)	95 (4%)	0 (0%)	95 (3%)
Heterosexual Contact	700 (12%)	1180 (63%)	1880 (24%)	218 (10%)	540 (63%)	758 (24%)
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	9 (0%)	21 (1%)	30 (0%)	2 (0%)	2 (0%)	4 (0%)
Risk Not Reported	342 (6%)	207 (11%)	549 (7%)	263 (12%)	210 (25%)	473 (15%)
Total	5933 (76%)	1879 (24%)	7812	2275 (73%)	858 (27%)	3133

Table 2.	AIDS Cases—PEDIATRIC			HIV Cases—PEDIATRIC		
	Risk Exposure	Hispanic/Other	Black	White	Hispanic/Other	Black
Mother with HIV	14	46	12	9	22	4
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	47	18	9	22	4

Table 3.	AIDS Cases			HIV Cases		
	Race	Adults (%)	Pediatric (%)	Total (%)	Adults (%)	Pediatric (%)
White	3293 (42%)	18 (22%)	3311 (42%)	1169 (37%)	4 (11%)	1173 (37%)
Black	3105 (40%)	47 (59%)	3152 (40%)	1333 (43%)	22 (63%)	1355 (43%)
Hispanic	1262 (16%)	15 (19%)	1277 (16%)	571 (18%)	8 (23%)	579 (18%)
Legacy Asian/Pacific Is.	8 (0%)	0 (0%)	8 (0%)	2 (0%)	0 (0%)	2 (0%)
Native Hawaiian/ Pacific Is.	1 (0%)	0 (0%)	1 (0%)	1 (0%)	0 (0%)	1 (0%)
Am. Indian/AK. Native	4 (0%)	0 (0%)	4 (0%)	9 (0%)	0 (0%)	9 (0%)
Asian	13 (0%)	0 (0%)	13 (0%)	15 (1%)	1 (3%)	16 (1%)
Multi-Race/Other	126 (2%)	0 (0%)	126 (2%)	33 (1%)	0 (0%)	33 (1%)
Total	7812 (99%)	80 (1%)	7892	3133 (99%)	35 (1%)	3168

Table 4.	AIDS Cases		HIV Cases	
	Age	Cases (%)	Deaths (%)	Cases (%)
0-4	60 (1%)	24 (1%)	26 (1%)	0 (0%)
5-12	20 (0%)	11 (0%)	9 (0%)	0 (0%)
13-19	78 (1%)	21 (1%)	148 (5%)	6 (2%)
20-24	333 (4%)	144 (3%)	439 (14%)	9 (3%)
25-29	1025 (13%)	562 (13%)	473 (15%)	23 (9%)
30-39	2931 (37%)	1664 (39%)	871 (27%)	59 (23%)
40-49	2217 (28%)	1126 (27%)	750 (24%)	76 (30%)
50-59	885 (11%)	463 (11%)	335 (11%)	53 (21%)
60-64	189 (3%)	133 (3%)	80 (2%)	15 (6%)
65-69	85 (1%)	61 (1%)	23 (1%)	8 (3%)
70 +	69 (1%)	51 (1%)	14 (0%)	8 (3%)
Total	7892	4260 (54%)	3168	257 (8%)

Florida HIV/AIDS Statistics

Table 1. HIV/AIDS Case Counts for Florida (HIV: 7/1/97 - 6/2014) (including Dept. of Corrections) (AIDS: 1981—6/2014)			Table 2. HIV/AIDS Cases Presumed to be Alive in Florida (through 6/2014) - including Dept of Corrections		
	HIV	AIDS		HIV	AIDS
ADULT	51,075	129,831	ADULT	47,070	58,732
PEDIATRIC (< 13)	592	1,549	PEDIATRIC (< 13)	167	32
TOTAL	51,667	131,380	TOTAL	47,237	58,764

Table 3. Living HIV/AIDS Case Counts in Surrounding Counties (through 6/2014)- excluding Dept. of Corrections			Table 4. Living HIV/AIDS Case Counts in the Top 7 Florida Counties (through 6/2014)- excluding Dept. of Corrections		
County	HIV	AIDS	County	HIV	AIDS
Hillsborough	2,911	3,632	Miami-Dade	13,084	14,287
Pinellas	1,634	2,216	Broward	8,386	9,484
Polk	726	1,136	Palm Beach	3,196	5,025
Manatee	385	535	Orange	3,748	4,097
Sarasota	373	533	Hillsborough	2,911	3,632
Pasco	308	428	Duval	2,497	3,329
Hernando	103	114	Pinellas	1,634	2,216
Highlands	77	109	<i>*Source for Tables 1—4: Florida Department of Health Bureau of HIV/AIDS</i>		
Hardee	18	43			

United States HIV/AIDS Statistics

Table 5. Cumulative HIV/AIDS Case Counts for U.S. and dependent areas				Table 6. Cumulative Number of Adult Cases Living with HIV in Top 5 U.S. States (through 2010)		
	HIV *	AIDS **	% AIDS Deaths (estimated)			
ADULT	895,638	1,180,774	54%	1. New York (06/00)	130,255	15%
PEDIATRIC	2,891	9,945	52%	2. California (4/06)	112,555	13%
TOTAL	936,106	1,190,719	54%	3. Florida (07/97)	96,614	11%
<i>*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.</i>				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)				World HIV/AIDS Statistics	
1. New York	205,198	6. Illinois	40,818	Estimated new HIV infections in World in 2011: <u>2.5 million</u> (~7,000 per day)	
2. California	168,692	7. Pennsylvania	40,554	Estimated living World HIV Cases as of 2011: <u>34 million</u> (23.5 million in sub-Saharan Africa; 1.3 million in the U.S.)	
3. Florida	129,689	8. Georgia	42,068	Estimated children (<15 years of age) deaths due to AIDS related illnesses as of 2011: <u>230,000</u>	
4. Texas	86,106	9. Maryland	38,418	Estimated World deaths due to AIDS in 2011: <u>1.7 million</u>	
5. New Jersey	56,970	10. Puerto Rico	34,059		
<i>Source for Tables 5—8: Centers for Disease Control and Prevention, HIV/AIDS Surveillance Report, Vol. 23</i>				<i>Source: World Health Organization (www.who.org) & Joint United-Nations Programme on HIV/AIDS (www.unaids.org/en/)</i>	

Useful Web Links/Sites for Additional HIV/AIDS Information

Florida HIV/AIDS Statistics:	http://www.floridahealth.gov/	Int'l Assoc. of Physicians in AIDS care:	http://www.iapac.org/
Centers for Disease Control and Prevention:	http://www.cdc.gov/hiv/	Florida AIDS Hotline site:	http://211bigbend.net/florida-hivaids-hotline.html
World Health Organization:	http://www.who.int/topics/hiv_aids/en/	U.S. HIV/AIDS official website:	http://www.aids.gov/
Perinatal HIV information (USF):	http://www.usfcenter.org/Perinatal/	HIV/AIDS Info/Treatment Site:	http://www.aidsinfo.nih.gov/