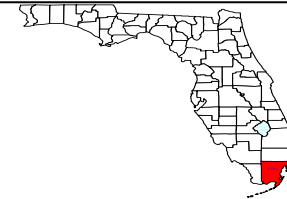




Lillian Rivera, RN, MSN, Ph.D., Administrator



MIAMI-DADE COUNTY HEALTH DEPARTMENT HIV/AIDS SURVEILLANCE MARCH 2008 ~ MONTHLY SURVEILLANCE REPORT

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Percent of AIDS cases by Age Group. AIDS CHARTS Worksheet.
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Percent of Adult/Adolescent AIDS cases by Exposure Category. AIDS CHARTS Worksheet.
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ARTICLE: HIV and Mode of Transmission



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Miami-Dade County Health Department
HIV/AIDS Surveillance
Cumulative Number of Reported AIDS Cases

AIDS Cases by age group

AIDS Cases by Age Group & Gender	MALE		FEMALE		TOTAL	
	Cases	Percent	Cases	Percent	Cases	Percent
Under 5	195	0.84	206	2.55	401	1.28
5-12	54	0.23	52	0.64	106	0.34
13-19	88	0.38	138	1.71	226	0.72
20-29	2,821	12.09	1,514	18.76	4,335	13.80
30-39	9,039	38.73	2,981	36.93	12,020	38.27
40-49	6,965	29.84	2,029	25.14	8,994	28.63
50-59	2,896	12.41	772	9.57	3,668	11.68
60-64	699	2.99	185	2.29	884	2.81
65-69	341	1.46	110	1.36	451	1.44
>=70	243	1.04	84	1.04	327	1.04
Unknown	0	0.00	0	0.00	0	0.00
Total	23,341	100	8,071	100	31,412	100



Adult/Adolescent & Pediatric AIDS cases by race/ethnicity

AIDS by Race/ Ethnicity *	Adult/Adolescent		Pediatric		Total AIDS	
	Cases	Percent	Cases	Percent	Cases	Percent
Hispanic (All Races)	10,412	33.69	52	10.26	10,464	33.31
Am.Indian Alaska Native	5	0.02	0	0.00	5	0.02
Asian	3	0.01	0	0.00	3	0.01
Black or Afr.American	15,768	51.02	435	85.80	16,203	51.58
Native Hawaii/Pacific Is.	3	0.01	0	0.00	3	0.01
White	4,393	14.21	20	3.94	4,413	14.05
Legacy Asian	17	0.06	0	0.00	17	0.05
Multi-Race	304	0.98	0	0.00	304	0.97
Unknown	0	0.00	0	0.00	0	0.00
Total	30,905	100	507	100	31,412	100

Adult/Adolescent & Pediatric AIDS cases by mortality status

Mortality Status	Adult/Adolescent		Pediatric		Total AIDS	
	Cases	Percent	Cases	Percent	Cases	Percent
Alive	13,195	42.70	181	35.70	13,376	42.58
Deaths	17,710	57.30	326	64.30	18,036	57.42
Total	30,905	100	507	100	31,412	100

* This new category created by CDC, is to support the ability to record an ethnicity and multiple races for an individual, necessitated by new federal OMB guidelines for reporting race and ethnicity.

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Miami-Dade County Health Department
HIV/AIDS Surveillance
Cumulative Number of Reported AIDS Cases

AIDS Cases by exposure category and sex among Adult/Adolescent and Pediatric

Adult/Adolescent AIDS						
Adult/Adolescent Exposure Category	Male	Percent	Female	Percent	Total	Percent
Men who have sex with men	12,242	53.01	0	0.00	12,242	39.61
Injecting drug use	3,254	14.09	1,885	24.13	5,139	16.63
Men who have sex with men and inject drug	1,277	5.53	0	0.00	1,277	4.13
Hemophilia/coagulation disorder	55	0.24	9	0.12	64	0.21
Heterosexual contact	3,298	14.28	4,838	61.92	8,136	26.33
Recipient of blood, components, or tissue	98	0.42	96	1.23	194	0.63
Risk not reported or identified	2,868	12.42	985	12.61	3,853	12.47
Total	23,092	100	7,813	100	30,905	100

Pediatric AIDS						
Pediatric Exposure Category	Male	Percent	Female	Percent	Total	Percent
Hemophilia/coagulation disorder	0	0.00	0	0.00	0	0.00
Mother with/at risk for HIV infection	241	96.79	255	98.84	496	97.83
Recipient of blood, components, or tissue	5	2.01	2	0.78	7	1.38
Risk not reported or identified	3	1.20	1	0.39	4	0.79
Total	249	100	258	100	507	100

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Miami-Dade County Health Department
HIV/AIDS Surveillance
Cumulative Number of Reported AIDS Cases

Adult/Adolescent AIDS cases by exposure category and race/ethnicity according to sex

ADULT MALE																
Exposure Category/ Race/Ethnicity	MSM		IDU		MSM & IDU		HEMOPH		HETROSEX		TRAN/OTHER		NIR		TOTAL	
	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent
Hispanic (All Races)	6,429	52.5	691	21.2	420	32.9	18	32.7	765	23.2	37	30.6	687	24.1	9,047	39.2
Am.Indian Alaska Native	0	0.0	1	0.0	1	0.1	0	0.0	0	0.0	0	0.0	1	0.0	3	0.0
Asian	1	0.0	0	0.0	0	0.0	0	0.0	2	0.1	0	0.0	0	0.0	3	0.0
Black or Afr.American	2,535	20.7	2,269	69.7	575	45.0	16	29.1	2,399	72.7	54	44.6	1,971	69.3	9,819	42.5
Native Hawaii/Pacific Is.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	0.1	2	0.0
White	3,137	25.6	265	8.1	266	20.8	20	36.4	104	3.2	28	23.1	168	5.9	3,988	17.3
Legacy Asian	9	0.1	0	0.0	0	0.0	1	1.8	4	0.1	0	0.0	1	0.0	15	0.1
Multi-Race	131	1.1	28	0.9	15	1.2	0	0.0	24	0.7	2	1.7	15	0.5	215	0.9
Unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Male Subtotal	12,242	100	3,254	100	1,277	100	55	100	3,298	100	121	100	2,845	100	23,092	100

ADULT FEMALE																
Exposure Category/ Race/Ethnicity	MSM		IDU		MSM & IDU		HEMOPHILIA		HETROSEX		TRAN/OTHER		NIR		TOTAL	
	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent
Hispanic (All Races)	0	0	213	11.3	0	0	1	11.1	981	20.3	26	19.3	144	15.2	1,365	17.5
Am.Indian Alaska Native	0	0	0	0.0	0	0	0	0.0	2	0.0	0	0.0	0	0.0	2	0.0
Asian	0	0	0	0.0	0	0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Black or Afr.American	0	0	1,468	77.9	0	0	7	77.8	3,627	75.0	93	68.9	754	79.7	5,949	76.1
Native Hawaii/Pacific Is.	0	0	0	0.0	0	0	0	0.0	1	0.0	0	0.0	0	0.0	1	0.0
White	0	0	179	9.5	0	0	1	11.1	173	3.6	12	8.9	40	4.2	405	5.2
Legacy Asian	0	0	0	0.0	0	0	0	0.0	2	0.0	0	0.0	0	0.0	2	0.0
Multi-Race	0	0	25	1.3	0	0	0	0.0	52	1.1	4	3.0	8	0.8	89	1.1
Unknown	0	0	0	0.0	0	0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Female Subtotal	0	0	1,885	100	0	0	9	100	4,838	100	135	100	946	100	7,813	100

ADULT TOTAL	12,242		5,139		1,277		64		8,136		256		3,791		30,905	
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Miami-Dade County Health Department
HIV/AIDS Surveillance
Cumulative Number of Reported AIDS Cases

Pediatric AIDS cases by exposure category and race/ethnicity

PEDIATRIC												
Exposure Category/ Race/Ethnicity	HEMOPHILIA		Mother w/HIV		RECEIPT BLOOD		CONFIR.OTHER		PED. NIR		TOTAL	
	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent
Hispanic (All Races)	0	0.0	45	9.1	5	71.4	0	0.0	2	66.7	52	10.3
Am.Indian Alaska Native	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Asian	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Black or Afr.American	0	0.0	431	86.9	2	28.6	1	100.0	1	33.3	435	85.8
Native Hawaii/Pacific Is.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
White	0	0.0	20	4.0	0	0.0	0	0.0	0	0.0	20	3.9
Legacy Asian	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Multi-Race	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Pediatrics	0	0	496	100	7	100	1	100	3	100	507	100

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Miami-Dade County Health Department
HIV/AIDS Surveillance
Cumulative Number of Reported AIDS Cases

Hispanic & Haitian AIDS cases by country of origin and gender

Country of Origin	MALE		FEMALE		ROW TOTAL	
	Cases	Percent	Cases	Percent	Cases	Percent
Hispanic born in USA	1,047	78.5	286	21.5	1,333	100%
Puerto Rico	796	82.7	166	17.3	962	100%
Argentina	127	85.8	21	14.2	148	100%
Colombia	397	87.1	59	12.9	456	100%
Cuba	4,060	92.5	330	7.5	4,390	100%
Dominican Republic	130	68.8	59	31.2	189	100%
Honduras	266	70.7	110	29.3	376	100%
Mexico	180	91.8	16	8.2	196	100%
Nicaragua	293	84.0	56	16.0	349	100%
Peru	145	86.3	23	13.7	168	100%
Venezuela	206	95.4	10	4.6	216	100%
Other/Unknown Countries	1,426	84.8	255	15.2	1,681	100%
Total Hispanic	9,073	86.7	1,391	13.3	10,464	100%
Total Haitian	2,211	62.78	1,311	37.22	3,522	100%

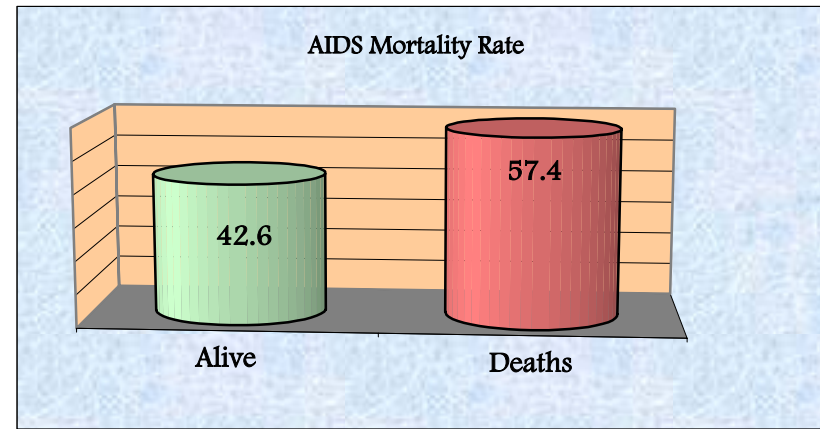
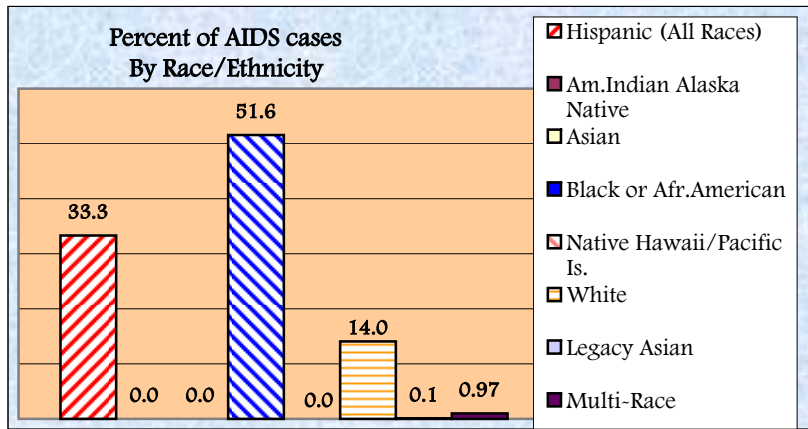
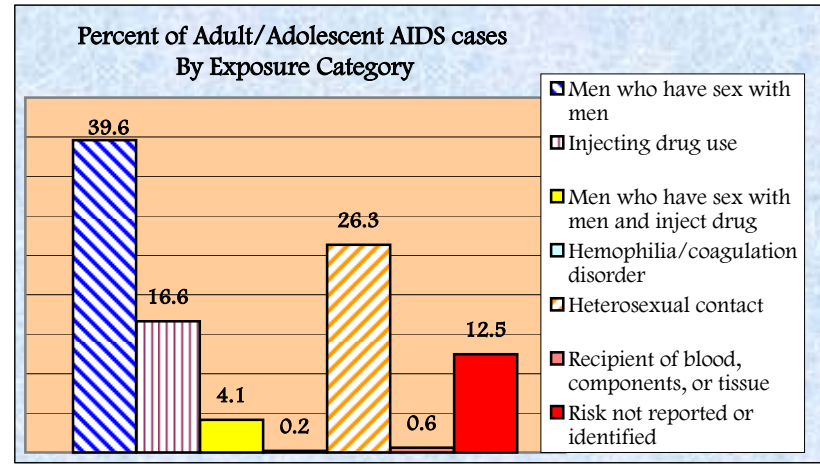
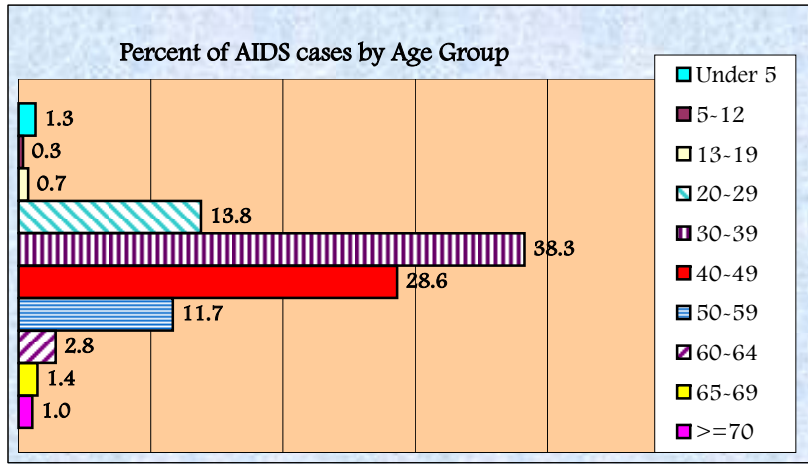
Adult/Adolescent Hispanic & Haitian AIDS cases by country of origin and exposure category

Country of Origin	Men who have sex with men [MSM]		Injecting drug use [IDU]		[MSM] & [IDU]		Transfusion, Transplant, Hemoph/Other		Heterosexual contact		Risk not reported or identified [NIR]		Row Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
U.S.A.	647	50.3	216	16.8	82	6.4	18	1.4	245	19.1	78	6.1	1,286	100%
Puerto Rico	372	38.8	260	27.1	88	9.2	5	0.5	163	17.0	71	7.4	959	100%
Argentina	103	69.6	7	4.7	7	4.7	1	0.7	26	17.6	4	2.7	148	100%
Colombia	318	69.9	20	4.4	16	3.5	5	1.1	69	15.2	27	5.9	455	100%
Cuba	3,090	70.4	251	5.7	174	4.0	34	0.8	520	11.8	321	7.3	4,390	100%
Dominican Republic	72	38.1	10	5.3	4	2.1	1	0.5	76	40.2	26	13.8	189	100%
Honduras	163	43.4	25	6.6	3	0.8	6	1.6	146	38.8	33	8.8	376	100%
Mexico	111	56.6	14	7.1	6	3.1	2	1.0	41	20.9	22	11.2	196	100%
Nicaragua	209	59.9	12	3.4	12	3.4	1	0.3	82	23.5	33	9.5	349	100%
Peru	115	68.5	3	1.8	1	0.6	0	0.0	35	20.8	14	8.3	168	100%
Venezuela	180	83.7	5	2.3	1	0.5	1	0.5	19	8.8	9	4.2	215	100%
Other/Unknown	1,049	62.4	81	4.8	26	1.5	8	0.5	324	19.3	193	11.5	1,681	100%
Total Adult Hispanic	6,429	61.7%	904	8.7%	420	4.0%	82	0.8%	1,746	16.8%	831	8.0%	10,412	100%
Total Adult Haitian	465	13.3%	127	3.6%	23	0.7%	39	1.1%	1,609	46.0%	1,232	35.3%	3,495	100%

NOTE: All data at the local level is considered provisional and subject to edit checks by state and federal agencies.

Adjustment are performed on a monthly basis to compensate for duplicate reports state and nation wide and case validation projects.

MIAMI-DADE COUNTY AIDS CASES UP TO DATE



Miami-Dade County Health Department
HIV/AIDS Surveillance
Cumulative Number of Reported HIV (Not AIDS) Cases

HIV (not AIDS) Cases by age group

HIV Cases by Age Group & Gender	MALE		FEMALE		TOTAL	
	Cases	Percent	Cases	Percent	Cases	Percent
Under 5	48	0.58	61	1.71	109	0.92
5-12	24	0.29	44	1.23	68	0.58
13-19	176	2.14	208	5.83	384	3.25
20-29	1,624	19.72	855	23.98	2,479	21.00
30-39	3,008	36.52	1,073	30.09	4,081	34.58
40-49	2,164	26.27	843	23.64	3,007	25.48
50-59	812	9.86	347	9.73	1,159	9.82
60-64	180	2.19	66	1.85	246	2.08
65-69	114	1.38	47	1.32	161	1.36
>=70	86	1.04	22	0.62	108	0.92
Unknown	0	0.00	0	0.00	0	0.00
Total	8,236	100	3,566	100	11,802	100

MARCH 2008

Adult/Adolescent & Pediatric HIV (not AIDS) cases by race/ethnicity

HIV by Race/ Ethnicity *	Adult/Adolescent		Pediatric		Total HIV	
	Cases	Percent	Cases	Percent	Cases	Percent
Hispanic (All Races)	4,283	36.84	26	14.69	4,309	36.51
Am.Indian Alaska Native	4	0.03	0	0.00	4	0.03
Asian	5	0.04	0	0.00	5	0.04
Black or Afr.American	5,590	48.09	142	80.23	5,732	48.57
Native Hawaii/Pacific Is.	0	0.00	0	0.00	0	0.00
White	1,631	14.03	5	2.82	1,636	13.86
Legacy Asian	9	0.08	0	0.00	9	0.08
Multi-Race	103	0.89	4	2.26	107	0.91
Unknown	0	0.00	0	0.00	0	0.00
Total	11,625	100	177	100	11,802	100

Adult/Adolescent & Pediatric HIV (not AIDS) cases by mortality status

Mortality Status	Adult/Adolescent		Pediatric		Total HIV	
	Cases	Percent	Cases	Percent	Cases	Percent
Alive	11,041	94.98	175	98.87	11,216	95.03
Deaths	584	5.02	2	1.13	586	4.97
Total	11,625	100	177	100	11,802	100

* This new category created by CDC, is to support the ability to record an ethnicity and multiple races for an individual, necessitated by new federal OMB guidelines for reporting race and ethnicity.

(Continue next Page)

Miami-Dade County Health Department
HIV/AIDS Surveillance
Cumulative Number of Reported HIV (Not AIDS) Cases

HIV (not AIDS) Cases by exposure category and sex among Adult/Adolescent and Pediatric

Adult/Adolescent Exposure Category	Adult/Adolescent HIV					
	Male	Percent	Female	Percent	Total	Percent
Men who have sex with men	4,452	54.53	0	0.00	4,452	38.30
Injecting drug use	407	4.99	288	8.32	695	5.98
Men who have sex with men and inject drug	240	2.94	0	0.00	240	2.06
Hemophilia/coagulation disorder	3	0.04	2	0.06	5	0.04
Heterosexual contact	1,412	17.30	2,428	70.15	3,840	33.03
Recipient of blood, components, or tissue	0	0.00	0	0.00	0	0.00
Risk not reported or identified	1,650	20.21	743	21.47	2,393	20.58
Total	8,164	100	3,461	100	11,625	100

Pediatric Exposure Category	Pediatric HIV					
	Male	Percent	Female	Percent	Total	Percent
Hemophilia/coagulation disorder	0	0.00	0	0.00	0	0.00
Mother with/at risk for HIV infection	72	100.00	101	96.19	173	97.74
Recipient of blood, components, or tissue	0	0.00	2	1.90	2	1.13
Risk not reported or identified	0	0.00	2	1.90	2	1.13
Total	72	100	105	100	177	100

Note: The increasing number of pediatric HIV cases is related to new lab reporting legislation and obtaining access to the pediatric lab results and pediatric database at Jackson Memorial Hospital.

(Continue next Page)

Miami-Dade County Health Department
HIV/AIDS Surveillance
Cumulative Number of Reported HIV (Not AIDS) Cases

Adult/Adolescent HIV (not AIDS) cases by exposure category and race/ethnicity according to sex

ADULT MALE																
Exposure Category/ Race/Ethnicity	MSM		IDU		MSM & IDU		HEMOPH		HETROSEX		TRAN/OTHER		NIR		TOTAL	
	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent
Hispanic (All Races)	2,412	54.2	119	29.2	91	37.9	0	0.0	325	23.0	0	0	582	35.3	3,529	43.2
Am.Indian Alaska Native	2	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0	0.0	2	0.0
Asian	2	0.0	0	0.0	0	0.0	0	0.0	1	0.1	0	0	0	0.0	3	0.0
Black or Afr.American	872	19.6	247	60.7	95	39.6	3	100.0	1,015	71.9	0	0	900	54.5	3,132	38.4
Native Hawaii/Pacific Is.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0	0.0	0	0.0
White	1,119	25.1	41	10.1	50	20.8	0	0.0	54	3.8	0	0	160	9.7	1,424	17.4
Legacy Asian	4	0.1	0	0.0	0	0.0	0	0.0	1	0.1	0	0	2	0.1	7	0.1
Multi-Race	41	0.9	0	0.0	4	1.7	0	0.0	16	1.1	0	0	6	0.4	67	0.8
Unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0	0.0	0	0.0
Male Subtotal	4,452	100	407	100	240	100	3	100	1,412	100	0	0	1,650	100	8,164	100

ADULT FEMALE																
Exposure Category/ Race/Ethnicity	MSM		IDU		MSM & IDU		HEMOPHILIA		HETROSEX		TRAN/OTHER		NIR		TOTAL	
	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent
Hispanic (All Races)	0	0	54	18.8	0	0	0	0.0	532	21.9	0	0	168	22.6	754	21.8
Am.Indian Alaska Native	0	0	0	0.0	0	0	0	0.0	2	0.1	0	0	0	0.0	2	0.1
Asian	0	0	0	0.0	0	0	0	0.0	1	0.0	0	0	1	0.1	2	0.1
Black or Afr.American	0	0	178	61.8	0	0	1	50.0	1,759	72.4	0	0	520	70.0	2,458	71.0
Native Hawaii/Pacific Is.	0	0	0	0.0	0	0	0	0.0	0	0.0	0	0	0	0.0	0	0.0
White	0	0	47	16.3	0	0	0	0.0	112	4.6	0	0	48	6.5	207	6.0
Legacy Asian	0	0	0	0.0	0	0	0	0.0	1	0.0	0	0	1	0.1	2	0.1
Multi-Race	0	0	9	3.1	0	0	1	50.0	21	0.9	0	0	5	0.7	36	1.0
Unknown	0	0	0	0.0	0	0	0	0.0	0	0.0	0	0	0	0.0	0	0.0
Female Subtotal	0	0	288	100	0	0	2	100	2,428	100	0	0	743	100	3,461	100

ADULT TOTAL																
	4,452		695		240		5		3,840		0		2,393		11,625	

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Miami-Dade County Health Department
HIV/AIDS Surveillance
Cumulative Number of Reported HIV (Not AIDS) Cases

Pediatric HIV (not AIDS) cases by exposure category and race/ethnicity

PEDIATRIC										
Exposure Category/ Race/Ethnicity	HEMOPHILIA		Mother w/HIV		RECEIPT BLOOD		PED. NIR		TOTAL	
	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent
Hispanic (All Races)	0	0.0	23	13.3	2	100.0	1	50.0	26	14.7
Am.Indian Alaska Native	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Asian	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Black or Afr.American	0	0.0	141	81.5	0	0.0	1	50.0	142	80.2
Native Hawaii/Pacific Is.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
White	0	0.0	5	2.9	0	0.0	0	0.0	5	2.8
Legacy Asian	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Multi-Race	0	0.0	4	2.3	0	0.0	0	0.0	4	2.3
Unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Pediatrics	0	0	173	100	2	100	2	100	177	100

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**Miami-Dade County Health Department
HIV/AIDS Surveillance
Cumulative Number of Reported HIV (Not AIDS) Cases**

Hispanic & Haitian HIV (Not AIDS) cases by country of origin and gender

Country of Origin	MALE		FEMALE		ROW TOTAL	
	Cases	Percent	Cases	Percent	Cases	Percent
Hispanic born in USA	596	77.2	176	22.8	772	100%
Puerto Rico	186	77.2	55	22.8	241	100%
Argentina	113	86.9	17	13.1	130	100%
Colombia	147	81.7	33	18.3	180	100%
Cuba	803	89.7	92	10.3	895	100%
Dominican Republic	50	72.5	19	27.5	69	100%
Honduras	80	57.6	59	42.4	139	100%
Mexico	94	94.0	6	6.0	100	100%
Nicaragua	97	74.0	34	26.0	131	100%
Peru	57	83.8	11	16.2	68	100%
Venezuela	205	91.1	20	8.9	225	100%
Other/Unknown Countries	1,110	81.7	249	18.3	1,359	100%
Total Hispanic	3,538	82.1	771	17.9	4,309	100%
Total Haitian	516	50.05	515	49.95	1,031	100%

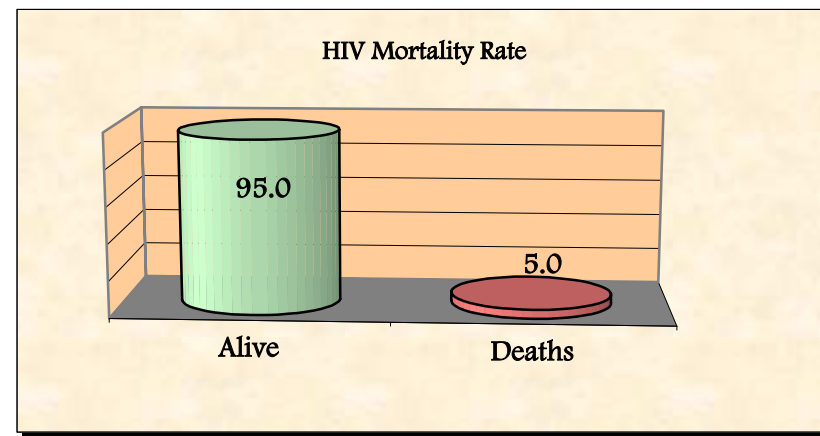
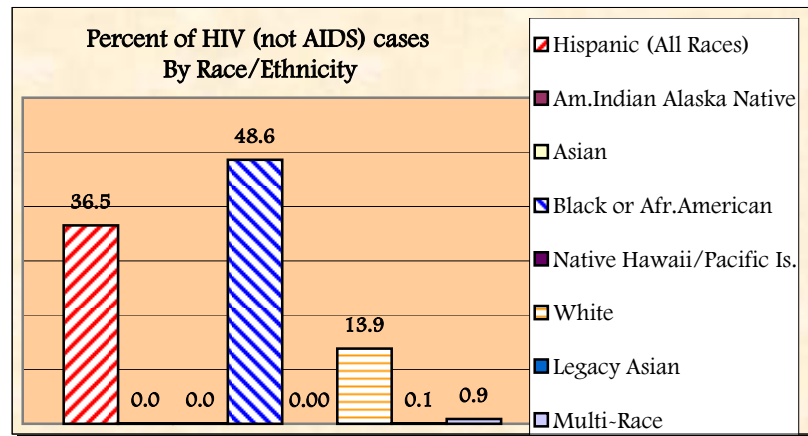
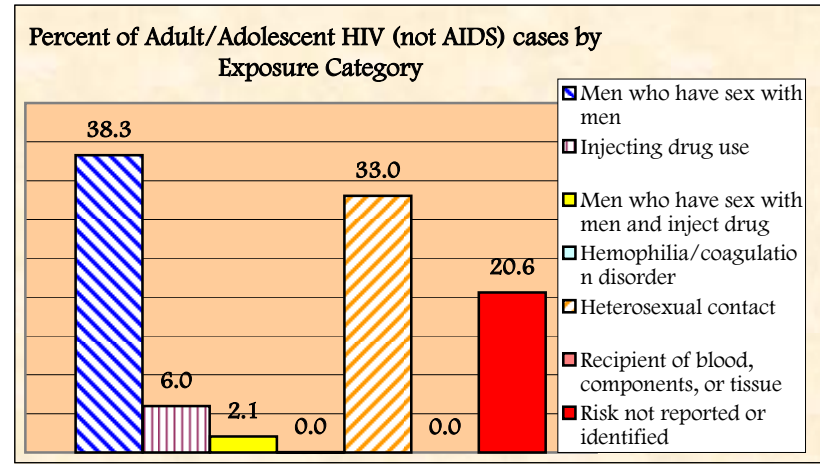
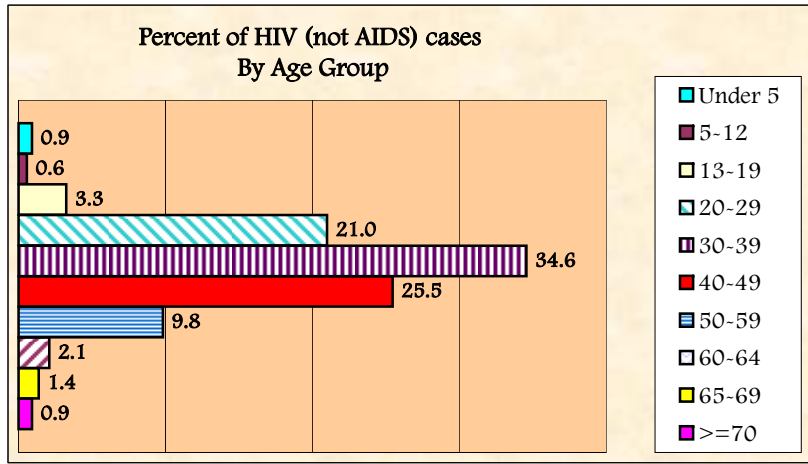
Adult/Adolescent Hispanic & Haitian HIV (Not AIDS) cases by country of origin and exposure category

Country of Origin	Men who have sex with men [MSM]		Injecting drug use [IDU]		[MSM] & [IDU]		Transfusion, Transplant, Hemoph/Other		Heterosexual contact		Risk not reported or identified [NIR]		Row Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
U.S.A.	399	53.1	48	6.4	16	2.1	0	0.0	163	21.7	126	16.8	752	100%
Puerto Rico	101	41.9	54	22.4	17	7.1	0	0.0	41	17.0	28	11.6	241	100%
Argentina	93	72.1	6	4.7	1	0.8	0	0.0	19	14.7	10	7.8	129	100%
Colombia	120	66.7	2	1.1	5	2.8	0	0.0	36	20.0	17	9.4	180	100%
Cuba	566	63.3	24	2.7	34	3.8	0	0.0	151	16.9	119	13.3	894	100%
Dominican Republic	18	26.1	5	7.2	2	2.9	0	0.0	27	39.1	17	24.6	69	100%
Honduras	39	28.7	1	0.7	2	1.5	0	0.0	70	51.5	24	17.6	136	100%
Mexico	74	74.0	4	4.0	2	2.0	0	0.0	5	5.0	15	15.0	100	100%
Nicaragua	69	52.7	5	3.8	1	0.8	0	0.0	35	26.7	21	16.0	131	100%
Peru	49	72.1	1	1.5	1	1.5	0	0.0	13	19.1	4	5.9	68	100%
Venezuela	180	80.0	2	0.9	2	0.9	0	0.0	30	13.3	11	4.9	225	100%
Other/Unknown	704	51.8	21	1.5	8	0.6	0	0.0	267	19.7	358	26.4	1,358	100%
Total Adult Hispanic	2,412	56.3%	173	4.0%	91	2.1%	0	0.0%	857	20.0%	750	17.5%	4,283	100%
Total Adult Haitian	77	7.5%	16	1.6%	1	0.1%	0	0.0%	637	62.3%	291	28.5%	1,022	100%

NOTE: All data at the local level is considered provisional and subject to edit checks by state and federal agencies.

Adjustment are performed on a monthly basis to compensate for duplicate reports state and nation wide and case validation projects.

MIAMI-DADE COUNTY HIV (not AIDS) CASES UP TO DATE



HIV and Mode of Transmission

Cause

Normally, white blood cells and antibodies attack and destroy foreign organisms that enter your body. This response is coordinated by white blood cells known as CD4 lymphocytes. These lymphocytes are also the main targets of HIV, which attaches to the cells and then enters them. Once inside, the virus inserts its own genetic material into the lymphocytes and uses them to make copies of it.

When the new copies of the virus break out of the host cells and enter the bloodstream, they search for other cells to attack. In the meantime, the old host cells and some uninfected CD4 cells die from the effects of the virus. The cycle repeats itself again and again. In the process, billions of new HIV particles are produced every day. Eventually, the number of CD4 cells in the body decreases, leading to severe immune deficiency, which means your body can no longer effectively fight off viruses and bacteria that cause disease.

Risk Factors

HIV crosses all cultures, national borders and religions. Anyone of any age, race, sex or sexual orientation can be infected, but you're at greatest risk of HIV/AIDS if you:

- Have unprotected sex with multiple partners. You're at risk whether you're heterosexual, homosexual or bisexual. Unprotected sex means having sex without using a new latex or polyurethane condom every time.
- Have unprotected sex with someone who is HIV-positive.
- Have another sexually transmitted disease, such as syphilis, herpes, Chlamydia, gonorrhea or bacterial vaginosis.
- Share needles during intravenous drug use.

How HIV is transmitted

You can become infected with HIV in several ways, including:

- **Sexual transmission** . You may become infected if you have vaginal, anal or oral sex with an infected partner whose blood, semen or vaginal secretions enter your body. You can also become infected from shared sexual devices if they're not washed or covered with a condom. The virus is present in the semen or vaginal secretions of someone who's infected and enters your body through small tears that can develop in the rectum or vagina during sexual activity. If you already have another sexually transmitted disease, you're at much greater risk of contracting HIV. Contrary to what researchers once believed, women who use the spermicide nonoxynol-9 also may be at increased risk. This spermicide irritates the lining of the vagina and may cause tears that allow the virus into the body.
- **Transmission through infected blood** . In some cases, the virus may be transmitted through blood and blood products that you receive in blood transfusions. This includes whole blood, packed red cells, fresh-frozen plasma and platelets. In 1985, American hospitals and blood banks began screening the blood supply for HIV antibodies. This blood testing, along with improvements in donor screening and recruitment practices, has substantially reduced the risk of acquiring HIV through a transfusion.

- **Transmission through needle sharing** . HIV is easily transmitted through needles and syringes contaminated with infected blood. Sharing intravenous drug paraphernalia puts you at high risk of HIV and other infectious diseases such as hepatitis. Your risk is greater if you inject drugs frequently or also engage in high-risk sexual behavior. Avoiding the use of injected drugs is the most reliable way to prevent infection. If that isn't an option, you can reduce your risk by sterilizing injection paraphernalia with household bleach or by participating in a needle exchange program that allows you to trade used needles and syringes for sterile ones.
- **Transmission through accidental needle sticks** . Transmission of the virus between HIV positive people and health care workers through needle sticks is low. Experts put the risk at far less than 1 percent.
- **Transmission from mother to child** . Each year, nearly 600,000 infants are infected with HIV, either during pregnancy or delivery or through breast-feeding. The rate of mother-to-child transmission in resource-poor countries is as much as 40 percent higher than it is in the developed world. But if women receive treatment for HIV infection during pregnancy, the risk to their babies is significantly reduced. Combinations of HIV drugs may reduce the risk of mother-to-child transmission even more. In the United States, most pregnant women are prescreened for HIV, and anti-retroviral drugs are readily available. Not so in developing nations, where women seldom know their HIV status, and treatment is often limited or nonexistent. When medications aren't available, Caesarean section is sometimes recommended instead of vaginal delivery, but this isn't a good option for women in resource-poor countries, where it poses additional risks for both mother and child. Other options, such as vaginal disinfection, haven't proved effective.
- **Other methods of transmission** . In rare cases, the virus may be transmitted through organ or tissue transplants or unsterilized dental or surgical equipment.

Ways HIV is not transmitted

To become infected with HIV, infected blood, semen or vaginal secretions must enter your body. You can't become infected through ordinary contact — hugging, dancing or shaking hands — with someone who has HIV or AIDS.

Source: <https://www.mayoclinic.com/health/hiv-aids/DS00005/DSECTION=3>