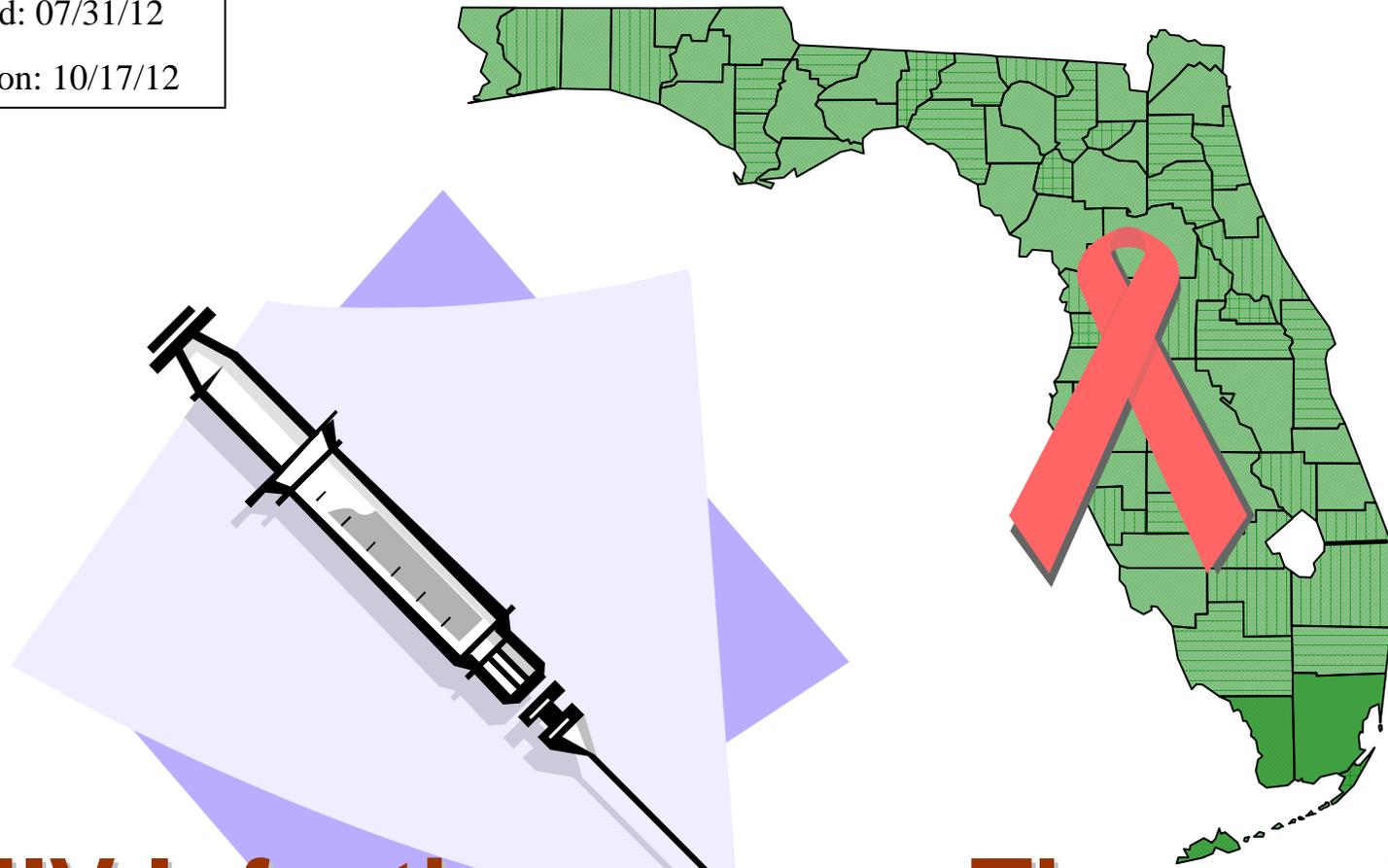


Created: 07/31/12

Revision: 10/17/12



HIV Infection among Those with an Injection Drug Use*-Associated Risk, Florida, 2011

HIV/AIDS & Hepatitis Program

*Injection Drug Use (IDU) data in this slide set include IDU and MSM/IDU cases

Data as of 06/31/2012

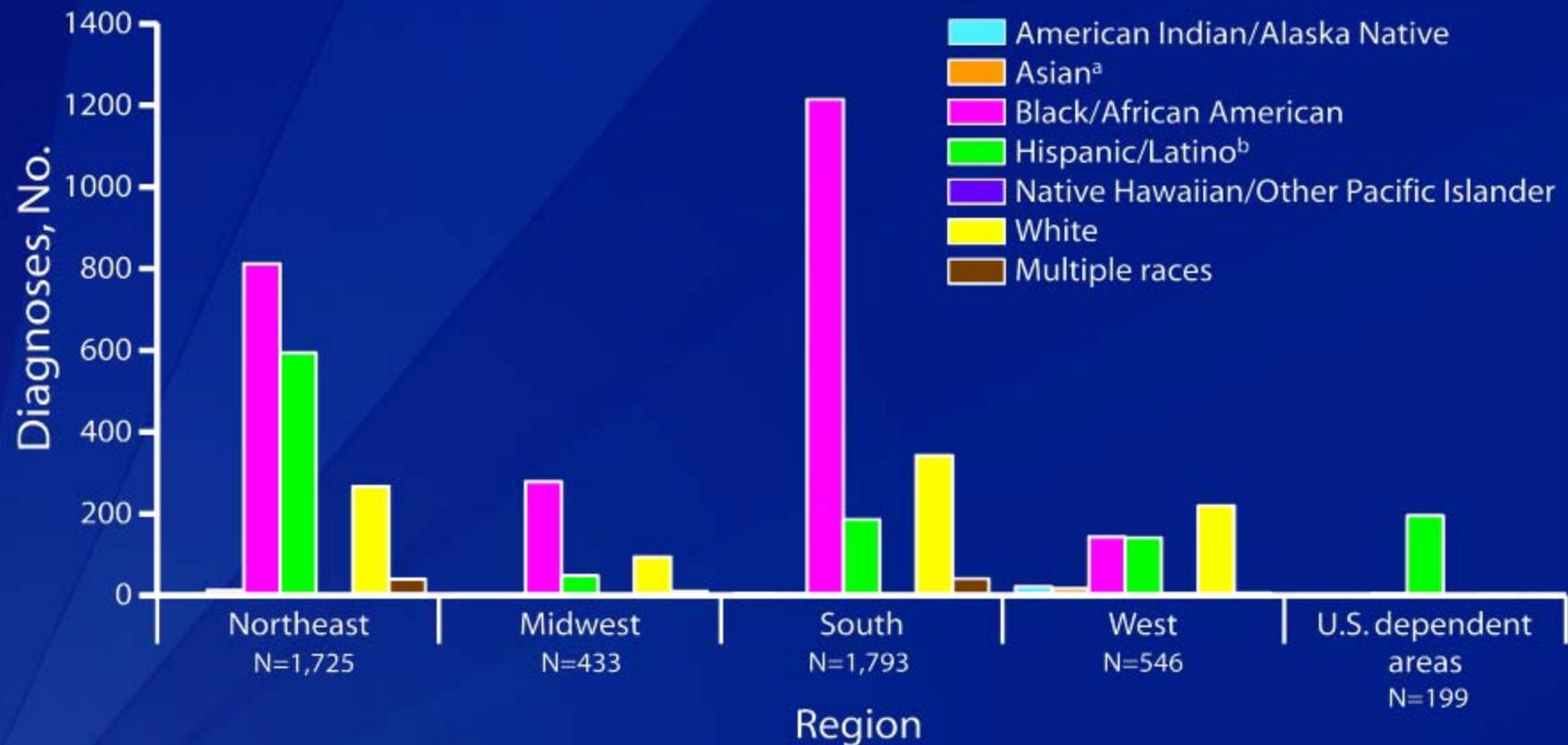
Definitions of Mode of Exposure Categories

- ◆ **MSM** = Men who have sex with men
- ◆ **IDU** = Injection Drug Use
- ◆ **MSM/IDU** = Men who have sex with men & Injection Drug Use
- ◆ **Heterosexual** = Heterosexual contact with person with HIV/AIDS or known HIV risk
- ◆ **OTHER** = includes hemophilia, transfusion, perinatal and other pediatric risks and other confirmed risks.
- ◆ **NIR** = Cases reported with No Identified Risk
- ◆ **Redistribution of NIRs** = This illustrates the effect of statistically assigning (redistributing) the NIRs to recognized exposure (risk) categories by applying the proportions of historically reclassified NIRs to the unresolved NIRs.

Injection Drug Use-Associated Risk

- ⓧ **Adult cases represent ages 13 and older, pediatric cases are those under the age of 13. For data by year, the age is by age of diagnosis. For living data, the age is by current age at the end of the most recent calendar year, regardless of age at diagnosis.**
- ⓧ **Unless otherwise noted, IDU data in this slide set include adult cases with an IDU or MSM/IDU mode of exposure.**
- ⓧ **Unless otherwise noted, whites are non-Hispanic and blacks are non-Hispanic.**
- ⓧ **Unless otherwise noted, NIRs have been redistributed.**
- ⓧ **Total statewide data will include Department of Correction Cases (DOC) unless otherwise noted. County data will exclude DOC cases.**
- ⓧ **Data in these slides represent living (prevalent) HIV/AIDS cases (PLWHAs) reported through the most recent calendar year. HIV prevalence data are generated later in the year, usually in May, when most of the “expected” death data are complete.**

AIDS Diagnoses among Injection Drug Users, by Region and Race/Ethnicity, 2010—United States and 6 U.S. Dependent Areas



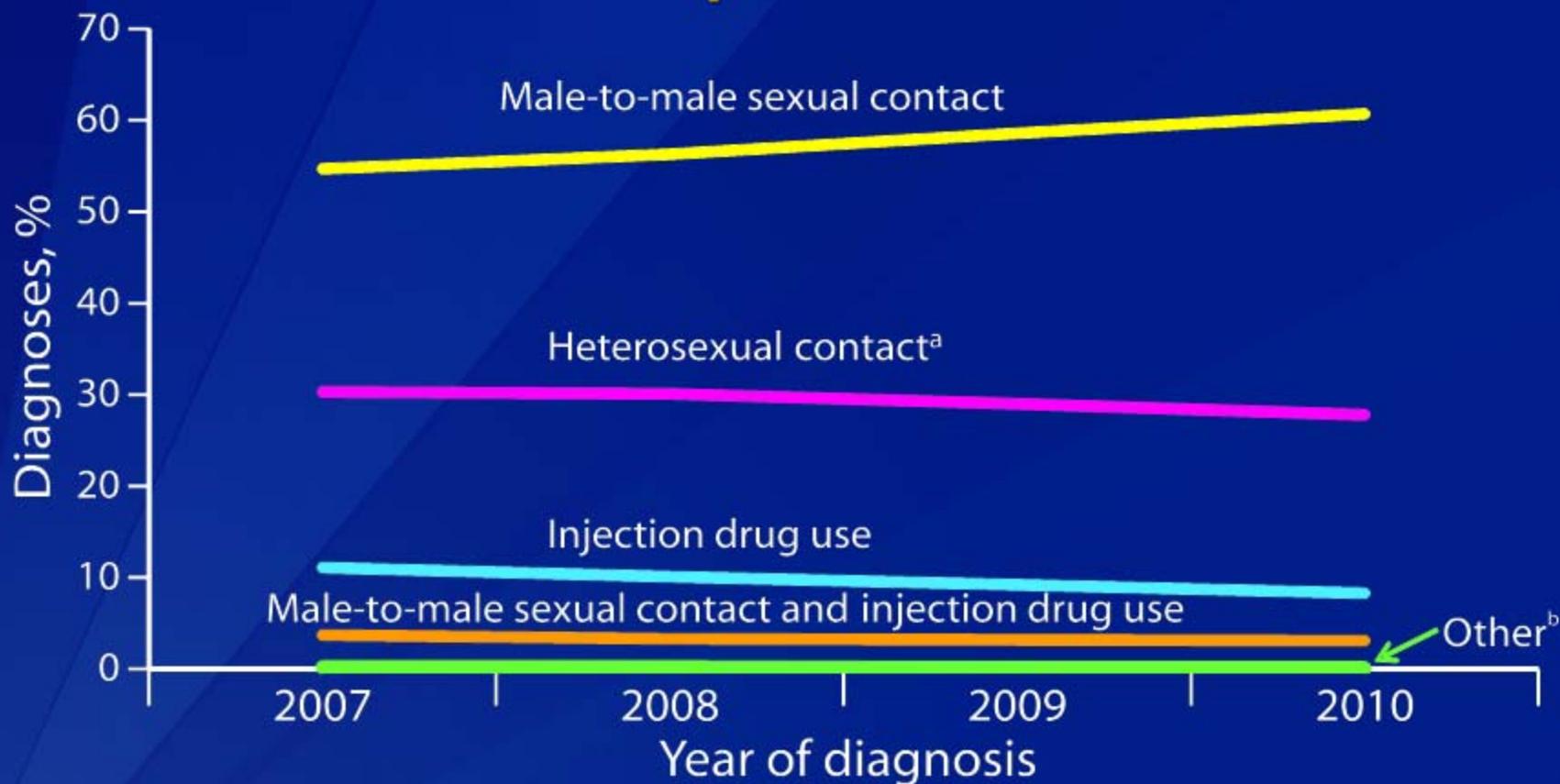
Note. All displayed data have been statistically adjusted to account for reporting delays and missing risk-factor information, but not for incomplete reporting. Data exclude men with HIV infection attributed to male-to-male sexual contact and injection drug use.

^a Includes Asian/Pacific Islander legacy cases.

^b Hispanics/Latinos can be of any race.



Diagnoses of HIV Infection among Adults and Adolescents, by Transmission Category, 2007–2010—46 States and 5 U.S. Dependent Areas



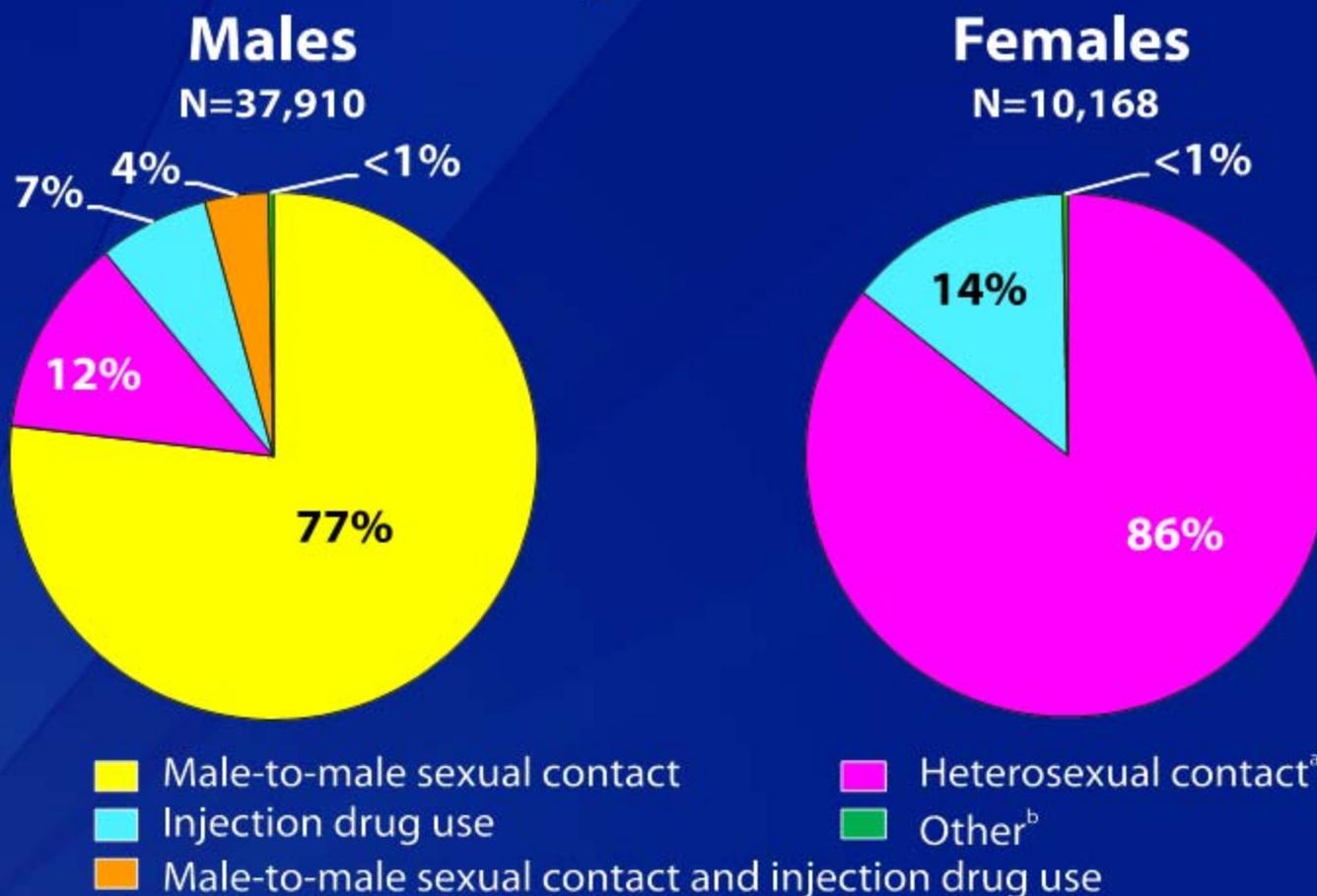
Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. All displayed data have been statistically adjusted to account for reporting delays and missing risk-factor information, but not for incomplete reporting.

^a Heterosexual contact with a person known to have, or to be at high risk for, HIV infection.

^b Includes hemophilia, blood transfusion, perinatal exposure, and risk factor not reported or not identified.



Diagnoses of HIV Infection among Adults and Adolescents, by Sex and Transmission Category, 2010—46 States and 5 U.S. Dependent Areas



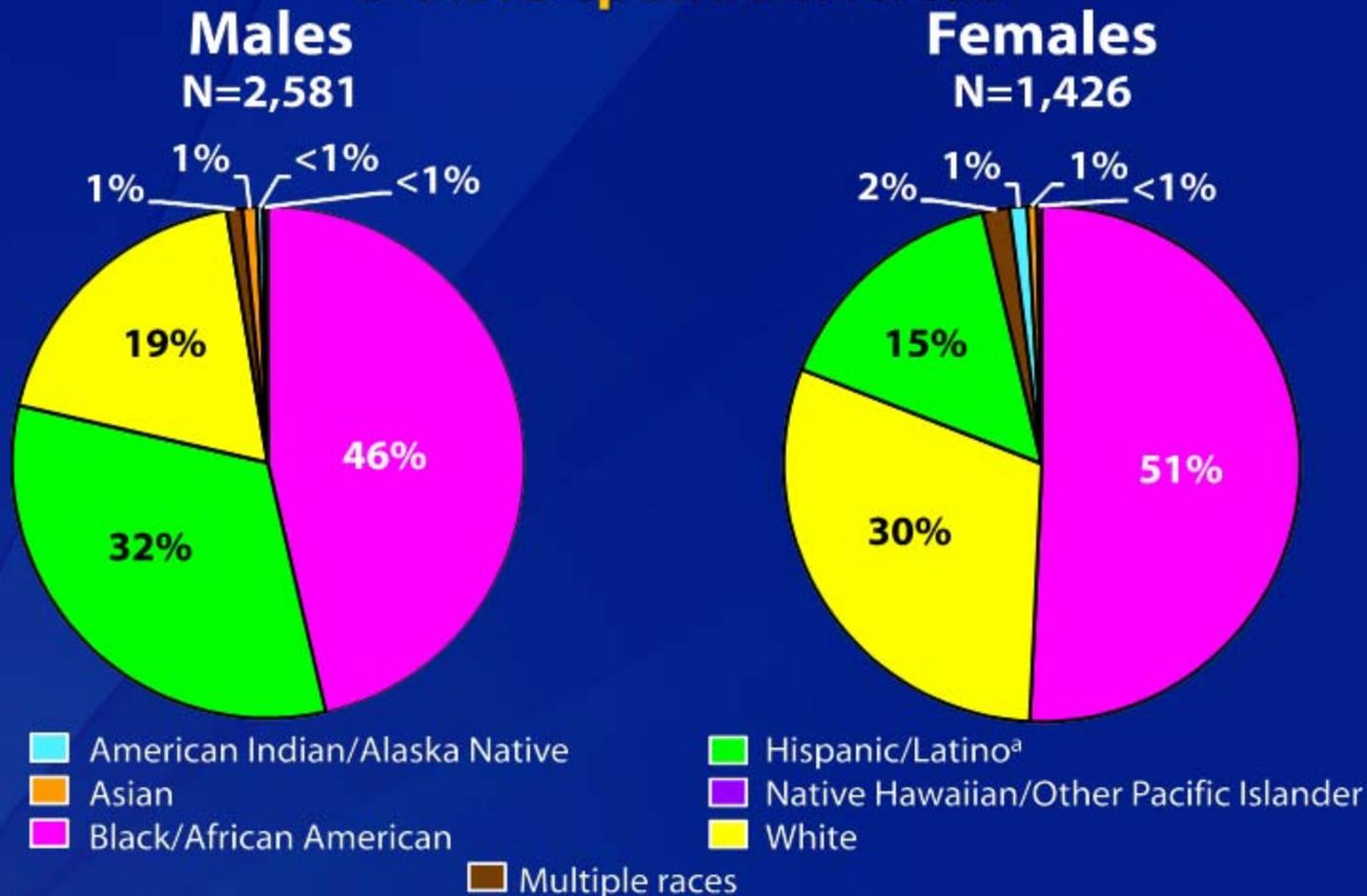
Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. All displayed data have been statistically adjusted to account for reporting delays and missing risk-factor information, but not for incomplete reporting.

^a Heterosexual contact with a person known to have, or to be at high risk for, HIV infection.

^b Includes hemophilia, blood transfusion, perinatal exposure, and risk factor not reported or not identified.



Diagnoses of HIV Infection among Injection Drug Users, by Sex and Race/Ethnicity, 2010—46 States and 5 U.S. Dependent Areas



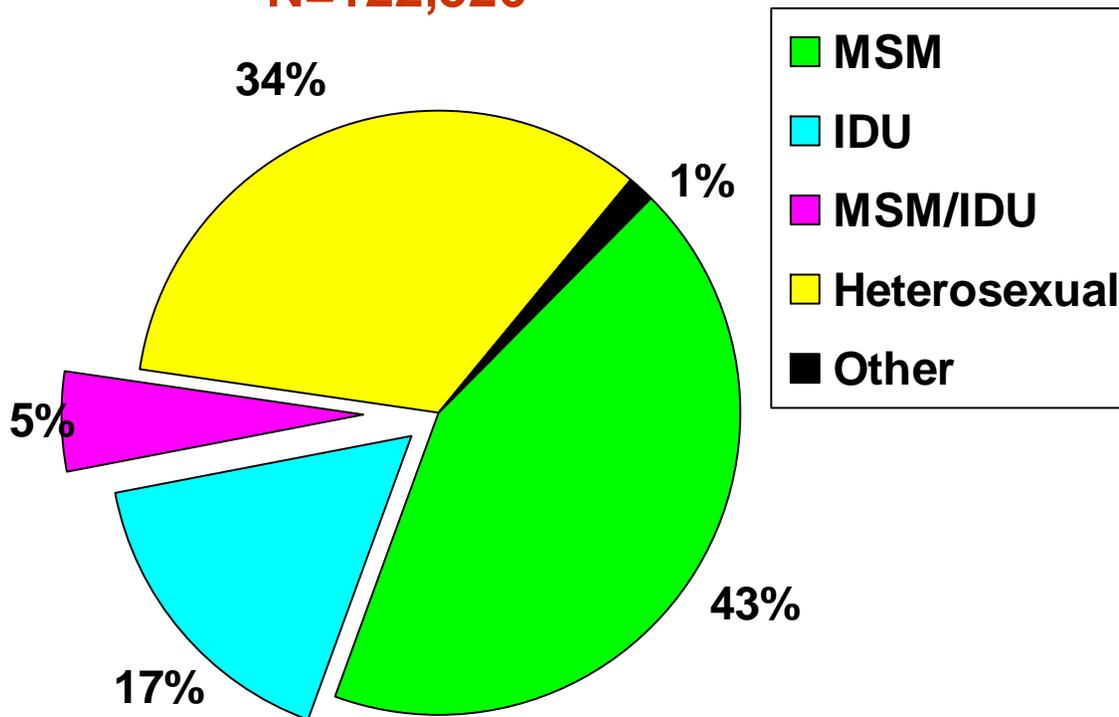
Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. All displayed data have been statistically adjusted to account for reporting delays and missing risk-factor information, but not for incomplete reporting. Data on injection drug use among males do not include men with HIV infection attributed to male-to-male sexual contact with other men and injection drug use.

^a Hispanics/Latinos can be of any race.

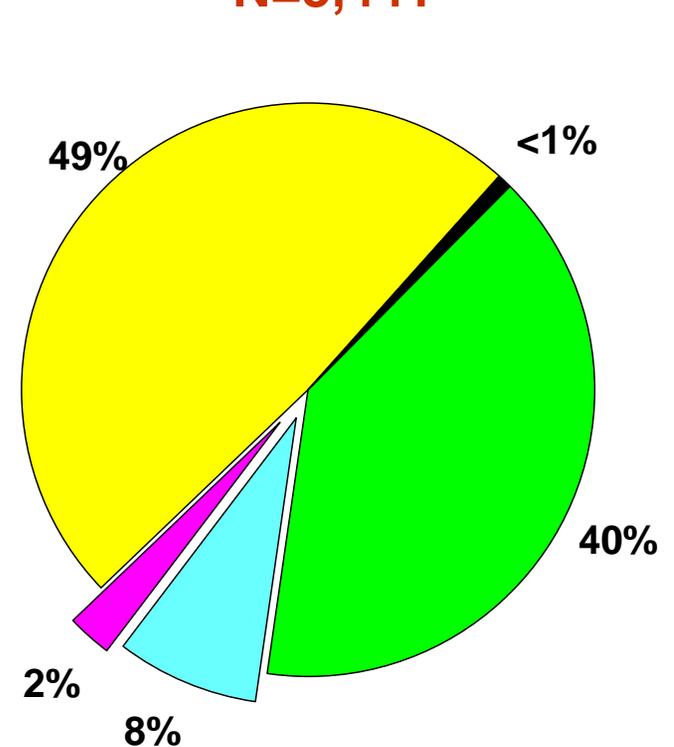


Adult AIDS Cases by Mode of Exposure, Reported through 2011 vs. in 2011, Florida

Through 2011
N=122,526

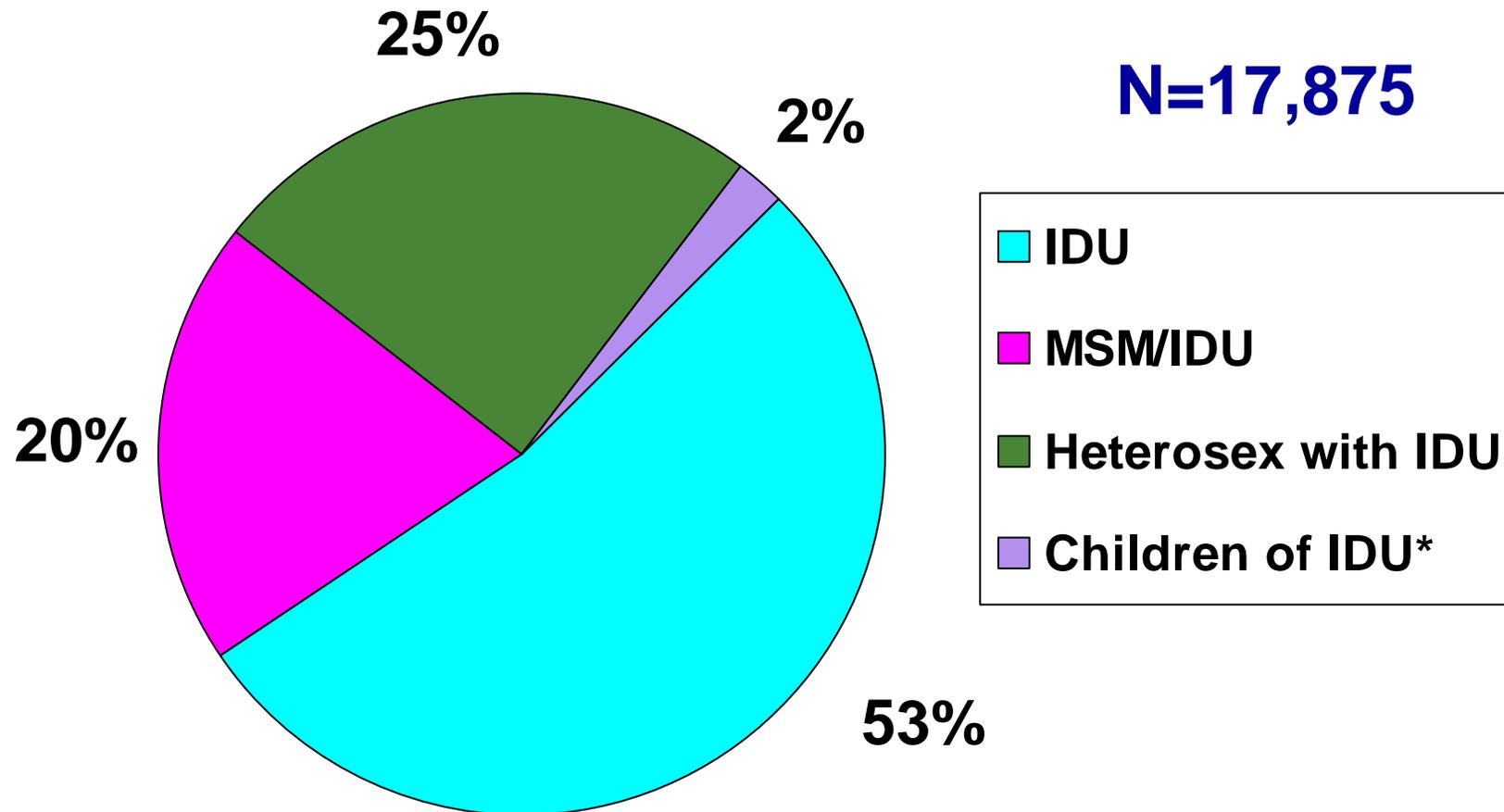


In 2011
N=3,441



Note: NIRs redistributed. In more recent years, the proportions of cases with a heterosexual risk reported has increased whereas the proportions of cases with an IDU or MSM/IDU risk has decreased.

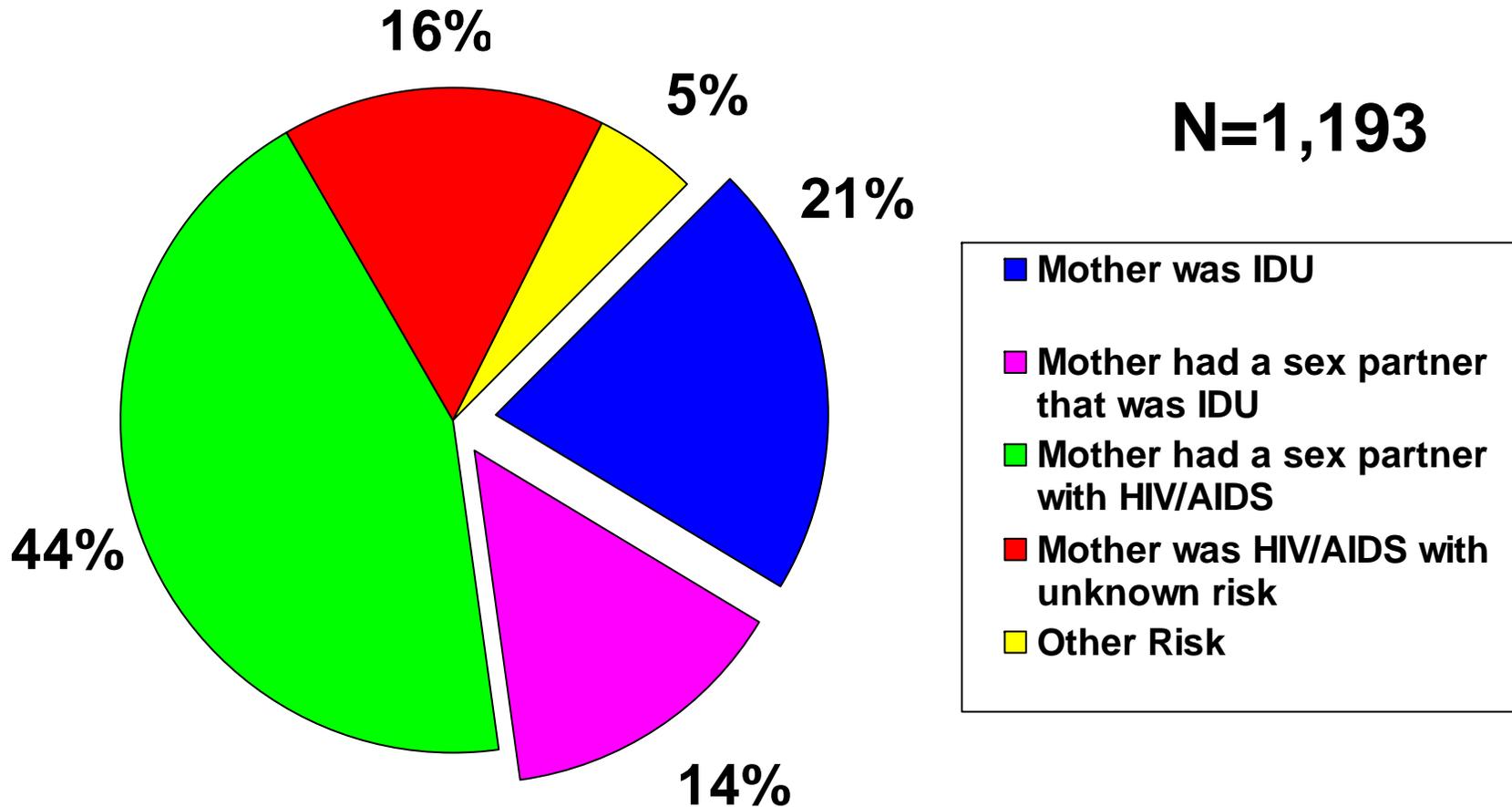
Injection Drug Use-Associated Transmission Modes among Adults Living with HIV/AIDS, Reported through 2011, Florida



Note: Of the 96,404 HIV/AIDS living through 2011, 17,875 (19%) were IDU-associated.

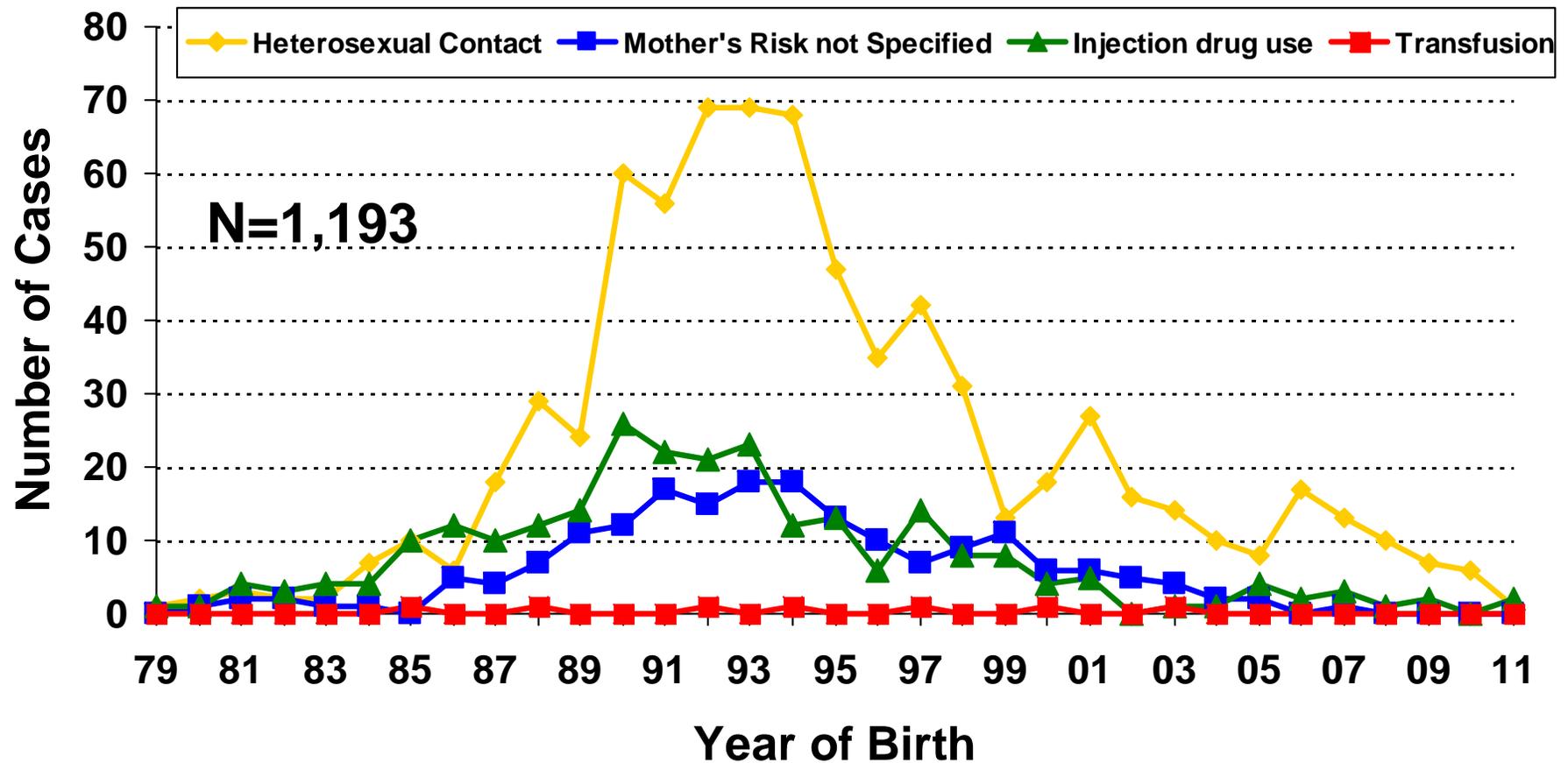
***Child of IDU** includes those with mother's who were IDU or had a sex partner that was IDU.

Perinatally Acquired HIV Infection Cases Born in Florida, by Mother's Mode of Exposure and Year of Birth, 1979 through 2011



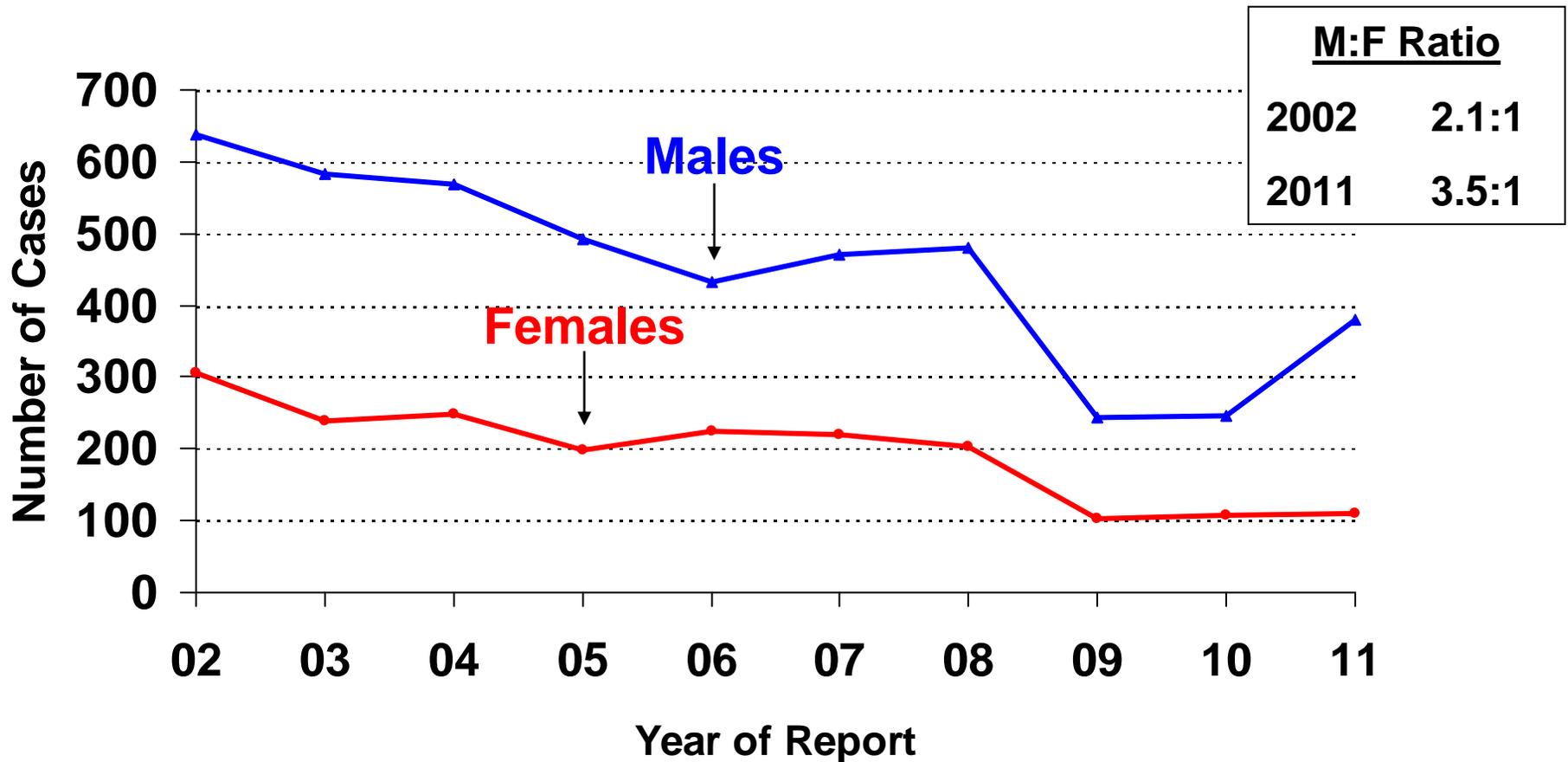
Note: Exploded pieces are IDU-related cases. NIRs are redistributed. Injection drug use directly or indirectly accounts for 35% of the perinatally acquired HIV infection cases.

Perinatally Acquired HIV Infection Cases Born in Florida, by Mother's Mode of Exposure and Year of Birth, 1979-2011



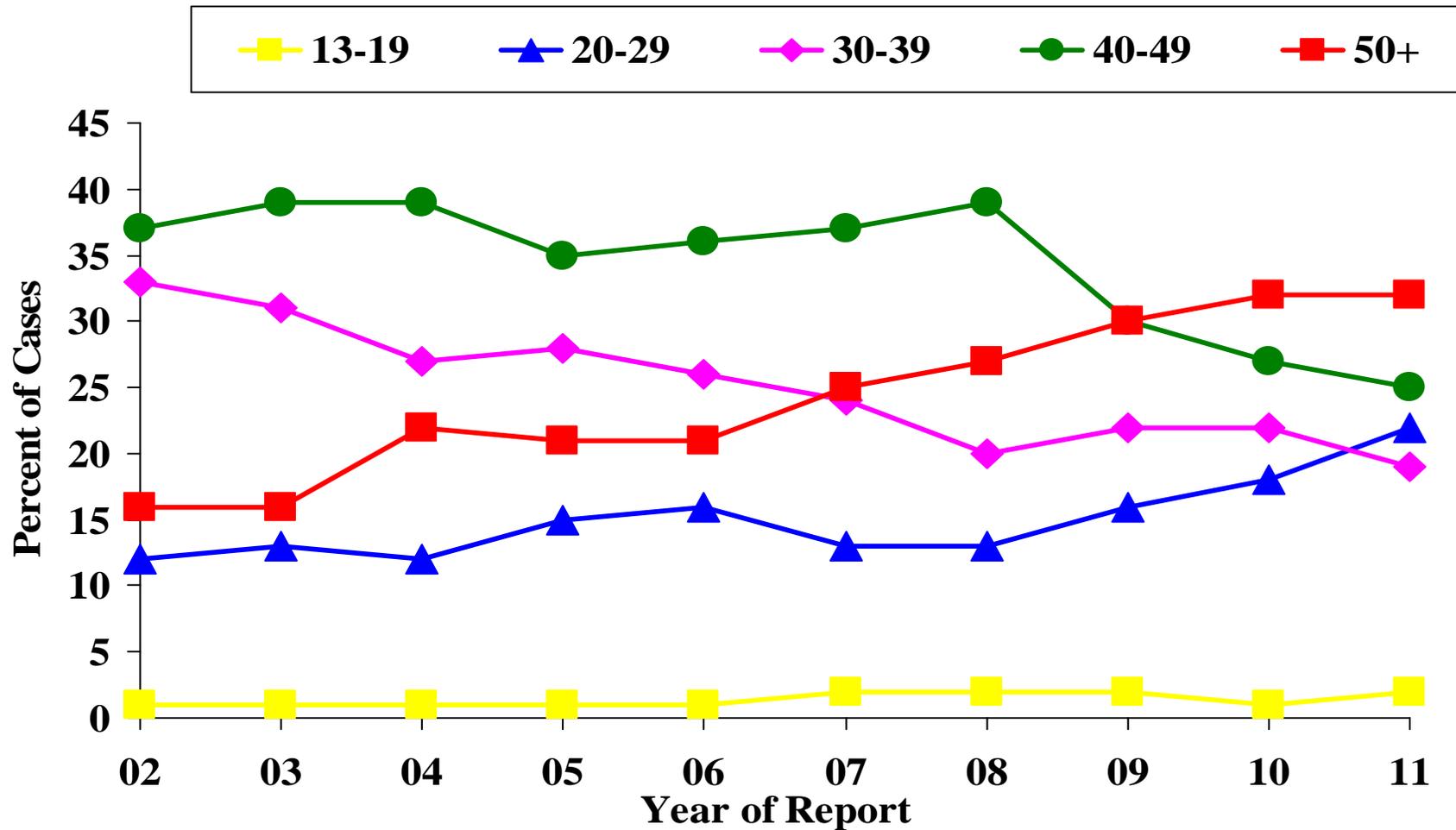
Note: From 1990, the risk of Injection drug use decreased as the risk of heterosexual contact continued to increase.

Injection Drug Use-Associated Adult HIV Disease Cases, by Sex and Year of Report, 2002-2011, Florida



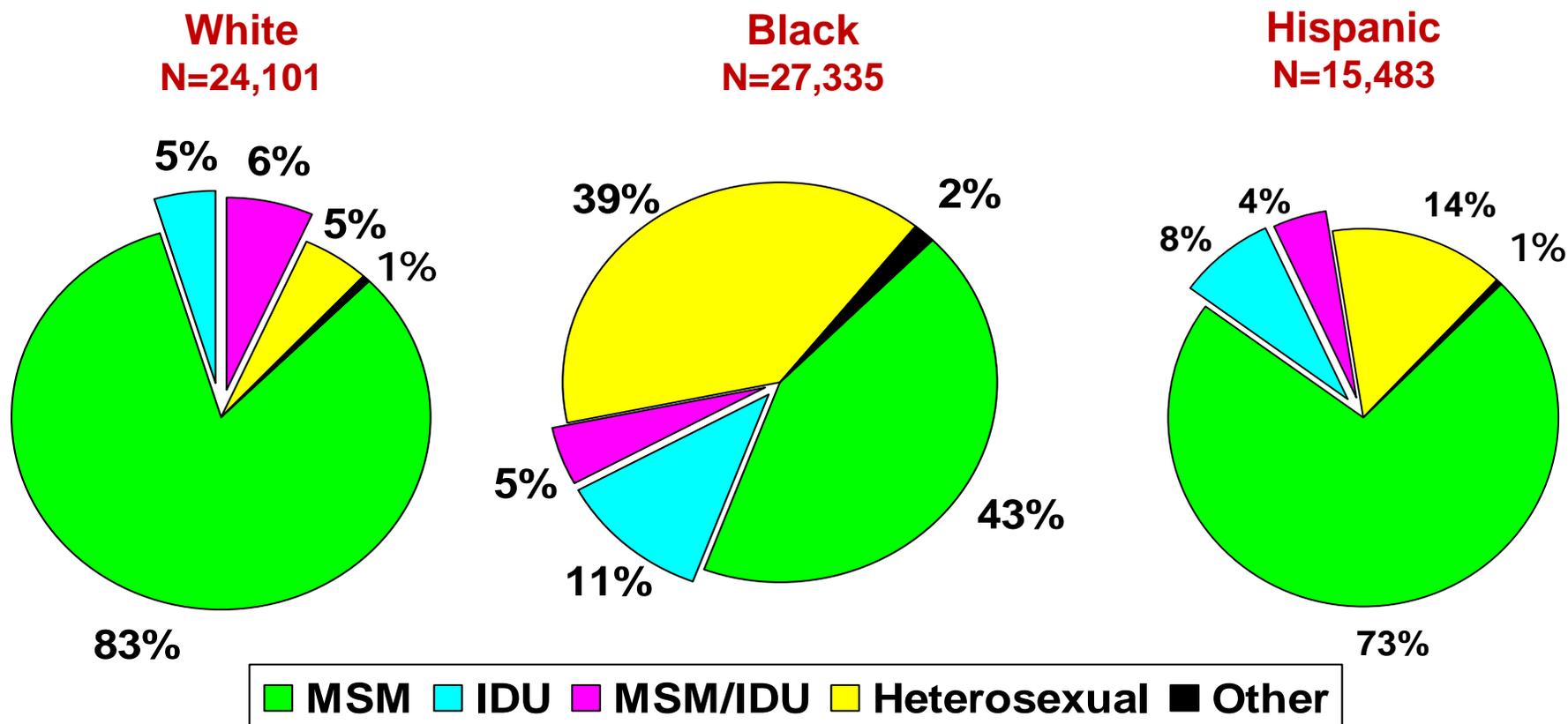
Comment: Male IDU-related risk includes both IDU and/or MSM/IDU for Adults ages 13+ NIRS redistributed. Decreasing trends are observed among both males and females, until 2011 where IDU cases among males show a sharp increase.

Injection Drug Use-Associated Adult HIV Cases, by Age at HIV Diagnosis and Year of Report, 2002-2011, Florida



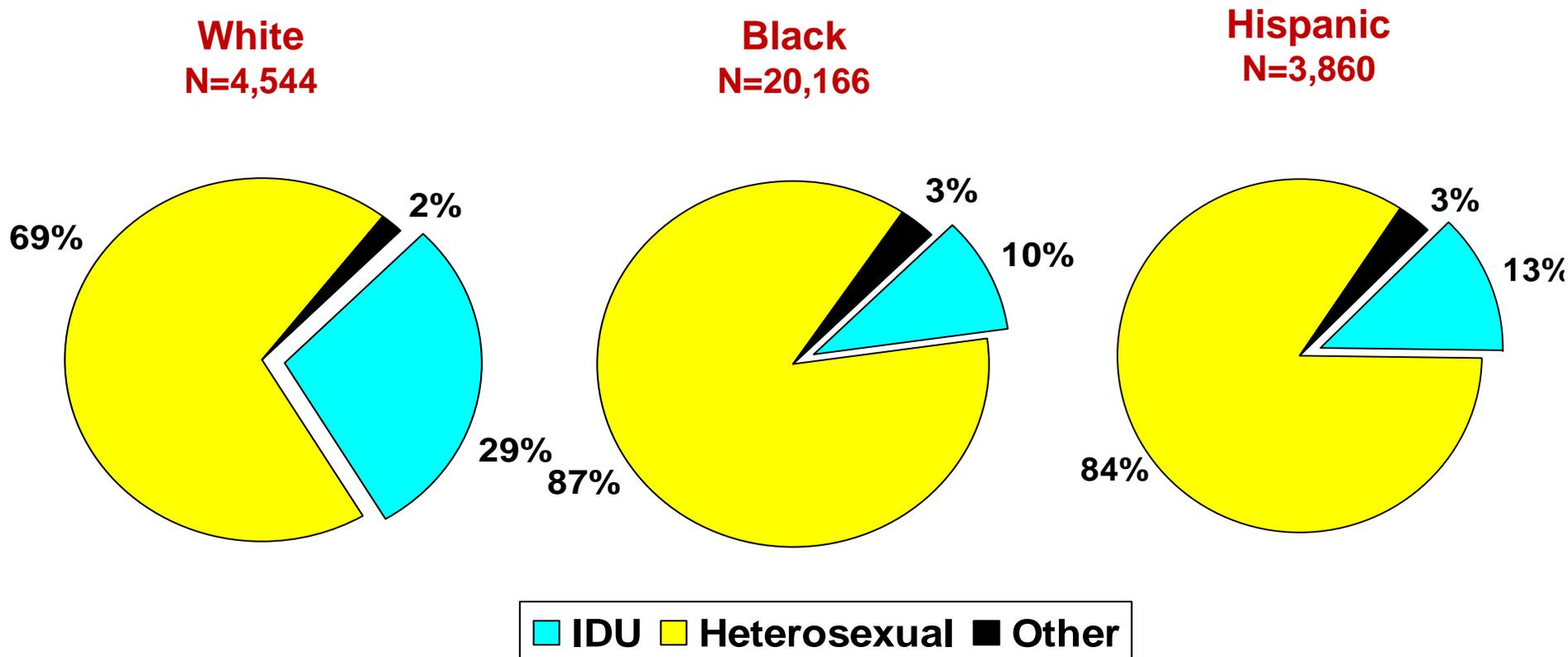
Comment: IDU-related risk includes both IDU and/or MSM/IDU for Adults ages 13+. Proportional increases were observed among both the 20-29 and 50+ age groups. NIRS not redistributed.

Adult Males Living with HIV Disease by Race/Ethnicity and Mode of Exposure Reported through 2011, Florida



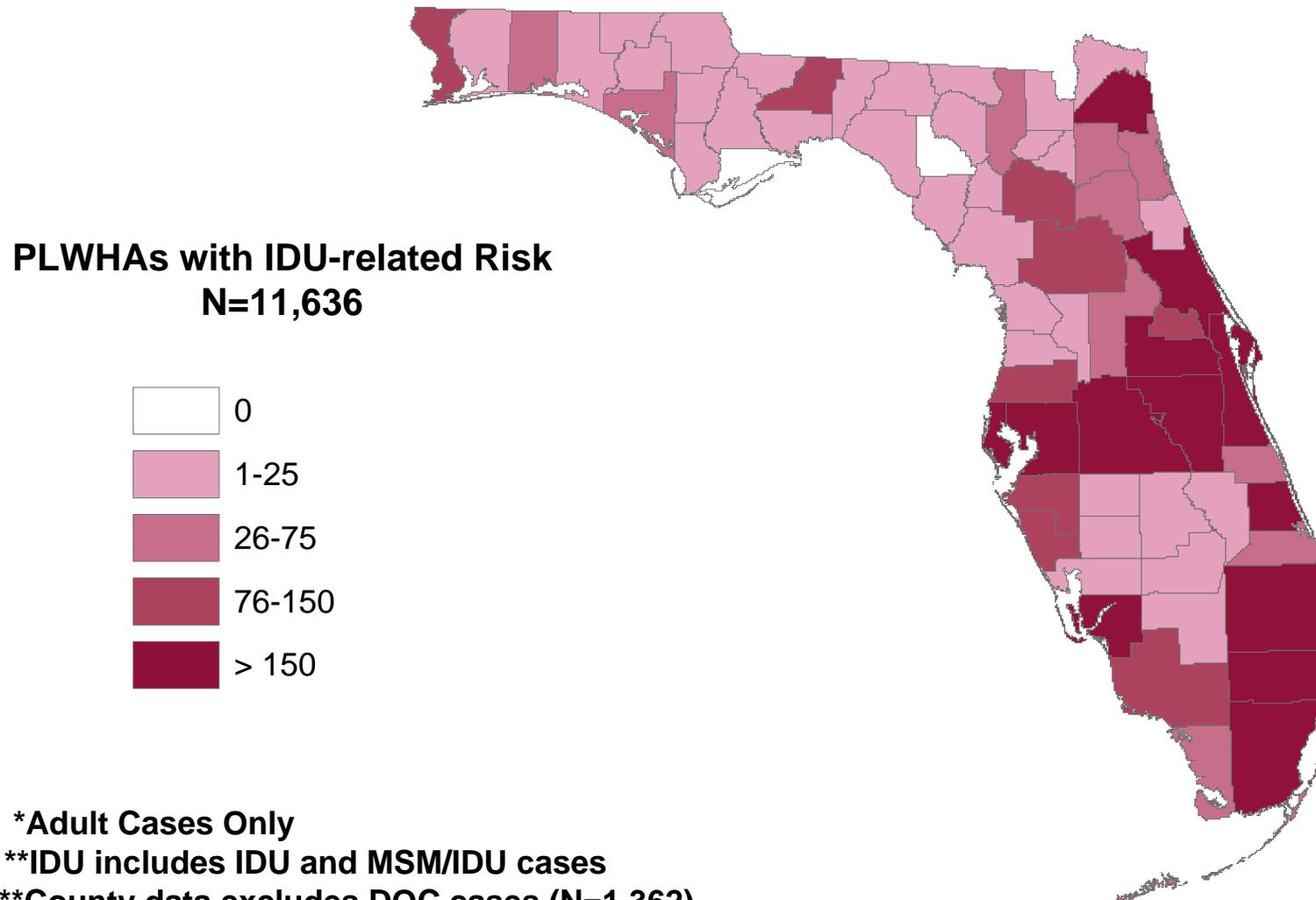
Note: NIRs redistributed. Among males living with HIV disease, the distribution of risk among blacks differs from that among whites and Hispanics. MSM represents the highest risk for all races. White males have the smallest proportion of heterosexual contact cases.

Adult Females Living with HIV Disease by Race/Ethnicity and Mode of Exposure Reported through 2011, Florida



Note: NIRs redistributed. Among females living with HIV disease, the distribution of risk among whites differs from that among blacks and Hispanics. Heterosexual contact is the majority risk for all races. However, whites have the highest proportion of IDU cases.

Persons Living with HIV/AIDS (PLWHAs),* with an Injection Drug Use-Associated Risk,** by County of Residence,*** Reported through 2011, Florida



*Adult Cases Only

**IDU includes IDU and MSM/IDU cases

***County data excludes DOC cases (N=1,362)

Persons Living with HIV/AIDS (PLWHA)* with an Injection Drug Use-Associated Risk, for Selected Counties, Reported through 2011, Florida

County	Total PLWHA Cases	Total IDU	Percent IDU	Total Sex w/IDU	Percent Sex w/IDU
Miami-Dade	25,381	2,608	10%	711	3%
Broward	16,466	1,643	10%	467	3%
Palm Beach	7,789	733	9%	716	9%
Orange	7,012	1,027	15%	311	4%
Hillsborough	5,889	828	14%	357	6%
Duval	5,263	753	14%	241	5%
Pinellas	3,529	584	17%	154	4%
Lee	1,648	238	14%	69	4%
St. Lucie	1,520	177	12%	115	8%
Volusia	1,348	264	20%	62	5%
Brevard	1,231	220	18%	55	4%
STATE TOTAL*	97,174	13,037	13%	4,425	5%

*Total IDU = Men who have sex with Men (MSM)/IDU & IDU Cases

**County data excludes Department of Corrections (DOC) cases

and State total includes data from all 67 counties, and includes DOC cases

Note: NIRs redistributed.



Persons Living with HIV/AIDS (PLWHA)* with an Injection Drug Use-Associated Risk, for Eligible Metropolitan Areas (EMAs), Reported through 2011, Florida

EMA**	Total PLWHA	PLWHA with IDU Risk		PLWHA with Heterosexual Sex Partner with IDU Risk	
		#	%	#	%
Jacksonville	5,793	860	15%	272	5%
Orlando	9,192	1,428	16%	458	5%
Tampa/St. Pete	10,150	1,556	15%	581	6%
Palm Beach	7,708	733	10%	716	9%
Ft. Lauderdale	16,264	1,643	10%	467	3%
Miami-Dade	25,088	2,608	10%	711	3%
STATE TOTAL	96,323	13,016	14%	4,576	5%

*For Adult Cases Only.

**EMA data excludes DOC cases.

Note: State total includes all 67 counties and includes DOC cases.



Selected Substance Abuse among High School Students, by Grade, as captured in the Youth Risk Behavior Surveillance System (YRBSS) Florida, 2010

	<u>9th</u>	<u>10th</u>	<u>11th</u>	<u>12th</u>
5+ drinks in a row in past 30 days	12.2%	16%	23.7%	24.8%
Marijuana use in past 30 days	16.9%	20.3%	26.7%	26.2%
Cocaine use (any) in past 30 days	3%	3.2%	3.7%	2.8%

Note: Two-stage Random Sample of 6,212 High School Students

For more details on YRBS, go to:

http://www.doh.state.fl.us/disease_ctrl/epi/Chronic_Disease/YRBS/Intro.htm



Selected Substance Abuse among High School Students, by Race/Ethnicity, as captured in the Youth Risk Behavior Surveillance System (YRBSS) Florida, 2010

	<u>Total</u>	<u>White</u>	<u>Black</u>	<u>Hispanic</u>
5+ drinks in a row in past 30 days	19.1%	23.1%	9.2%	20.8%
Marijuana use in past 30 days	22.5%	22.6%	19.1%	25.1%
Cocaine use (any) in past 30 days	3.4%	2.9%	1.4%	5.6%

Note: Two-stage Random Sample of 6,212 High School Students

For more details on YRBS, go to:

http://www.doh.state.fl.us/disease_ctrl/epi/Chronic_Disease/YRBS/Intro.htm



National HIV Behavioral Surveillance (NHBS) among Injection Drug Users (2005-2006)

- Respondent-driven sampling (respondents refer others to participate) was used to recruit 934 IDUs (persons who injected drugs within the past 12 months) in Miami-Dade and Broward counties.
- A majority of the recruits (62%) reported testing for HIV in the past 12 months; nearly all (96%) reported testing for HIV in their lifetime
 - One in 6 (16%) self-reported as HIV+
- One-third of the recruits (34%) reported testing for HCV in the past 12 months; a majority (77%) reported testing for HCV in their lifetime
 - One in 3 (32%) self-reported as HCV+

Note: Analysis excludes persons diagnosed with HIV infection over 12 month prior to study.

For full details on this study go to:

http://www.doh.state.fl.us/Disease_ctrl/aids/Behavioral_Surveillance/Florida_NHBS_IDU_Data_at_a_Glance12_10_08.pdf



For Florida HIV/AIDS Surveillance Data
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Ext. 2373

Visit Florida's internet site for:

- Monthly Surveillance Reports**
- Slide Sets and Fact Sheets**
- Annual Reports and Epi Profiles**

http://www.doh.state.fl.us/disease_ctrl/aids/trends/trends.html

Visit CDC's HIV/AIDS Internet site for:

Surveillance Reports, fact sheets and slide sets

<http://www.cdc.gov/hiv/topics/surveillance/resources/reports/index.htm>