

HIV/AIDS in Michigan

January 1, 2010

Michigan Department of Community Health
HIV/STD/VH/TB Epidemiology Section
Division of Communicable Diseases
Bureau of Epidemiology

Quarterly HIV/AIDS Report, Michigan January 2010

- This presentation was created as a companion to the Quarterly HIV/AIDS Report for January 1, 2010.
- Please refer to the quarterly report for further details, definitions and technical notes:

http://www.michigan.gov/documents/mdch/JAN_2010_307661_7.pdf

Section 1

Data on Prevalent Cases

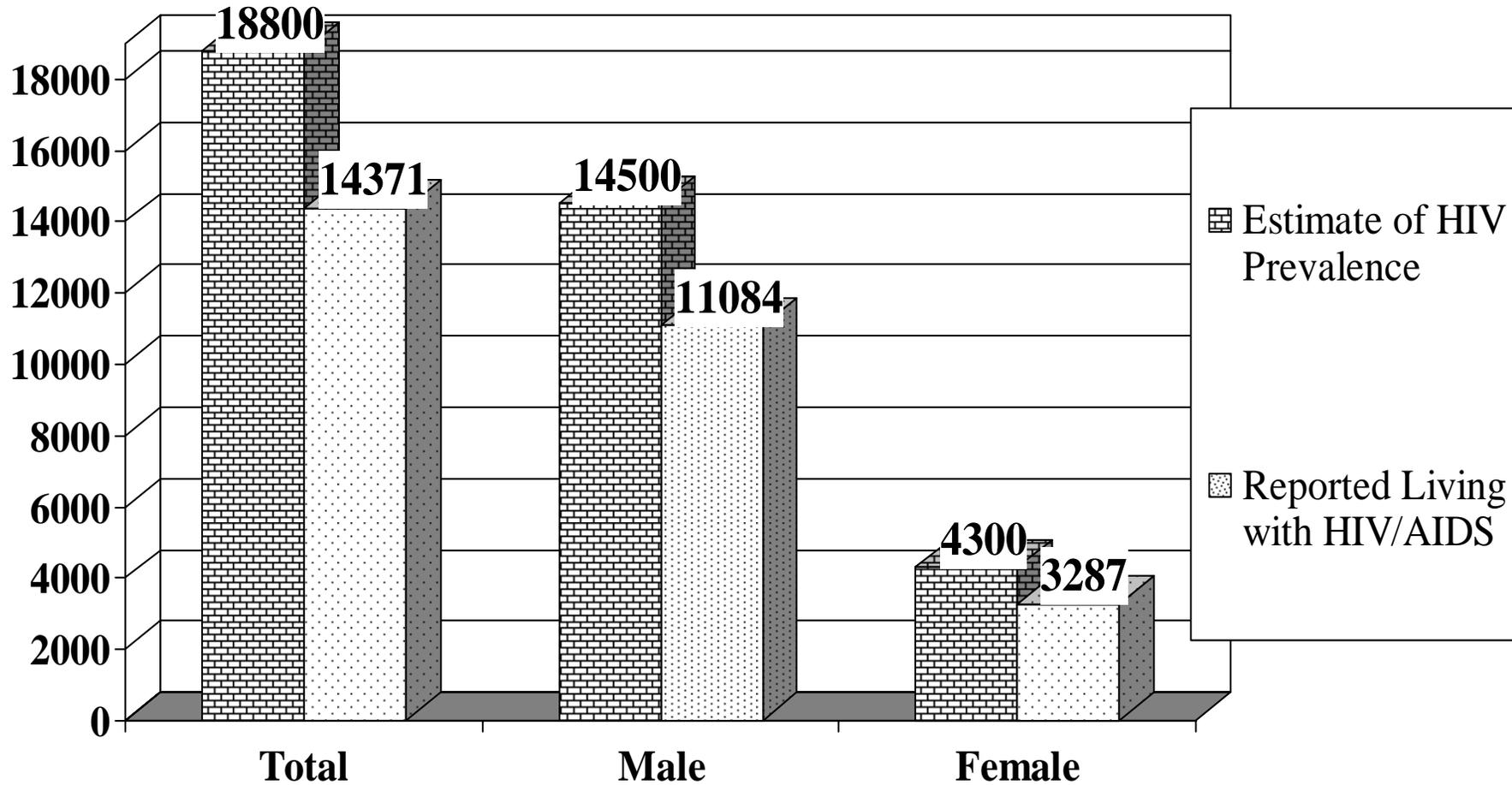
Estimate of HIV Prevalence

The prevalence estimate is based on, and includes, the number of persons living with HIV/AIDS and reported by name but also contains estimates of living, HIV infected persons who have :

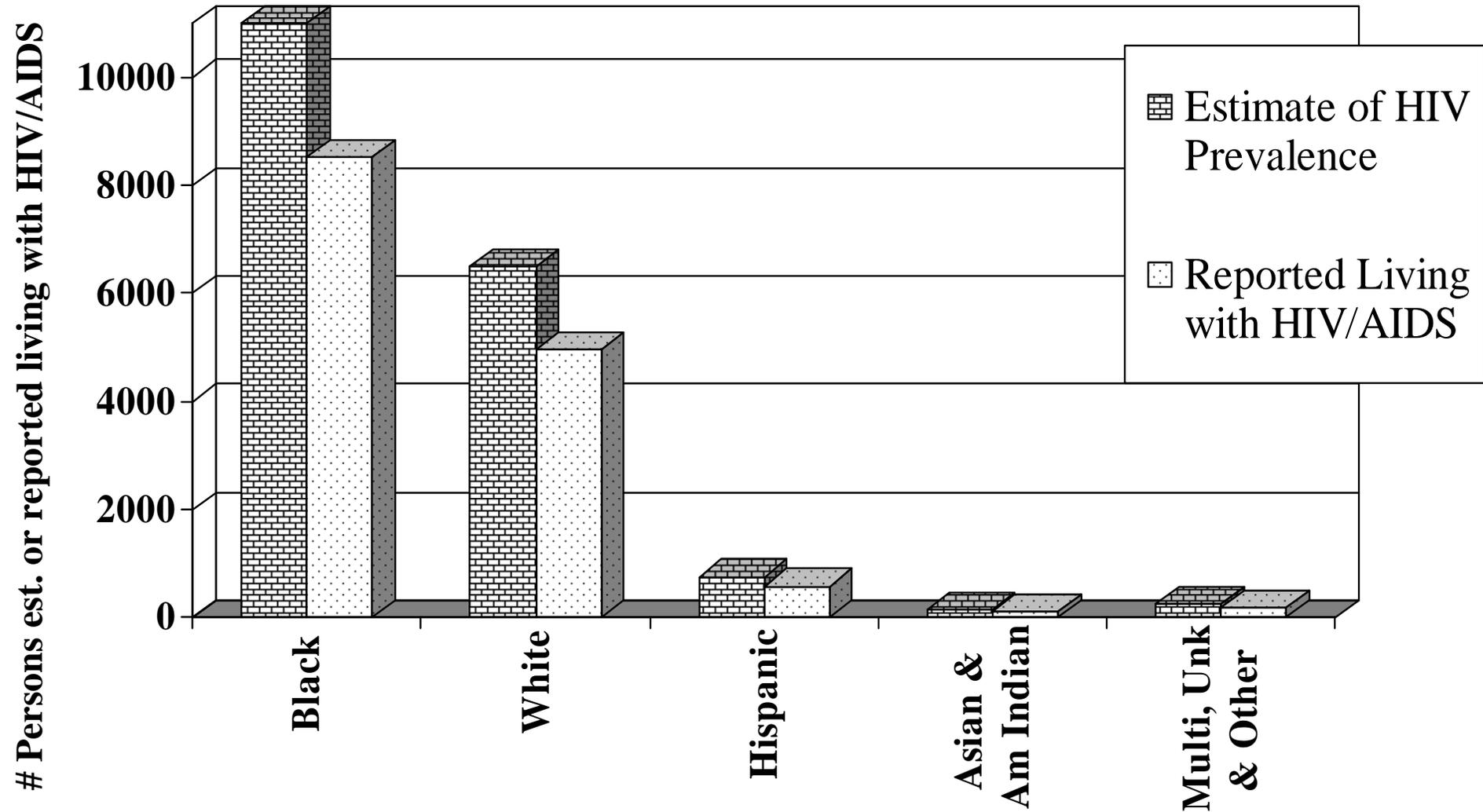
- not yet been tested
- tested but not yet reported
- tested but were reported anonymously

Persons living in MI with HIV/AIDS by Sex

Persons est. or reported living with HIV/AIDS

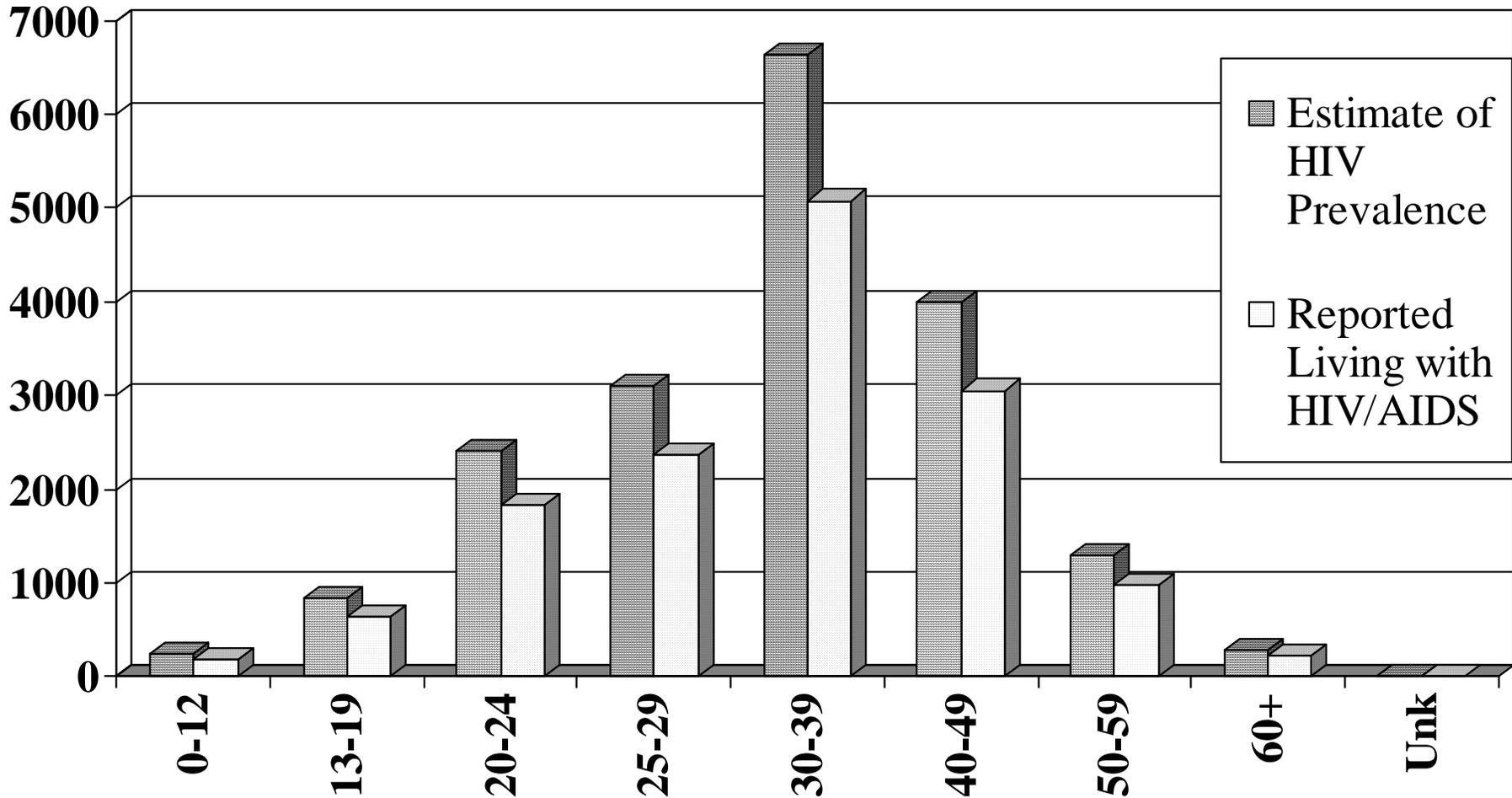


Persons living in MI with HIV/AIDS by Race & Ethnicity

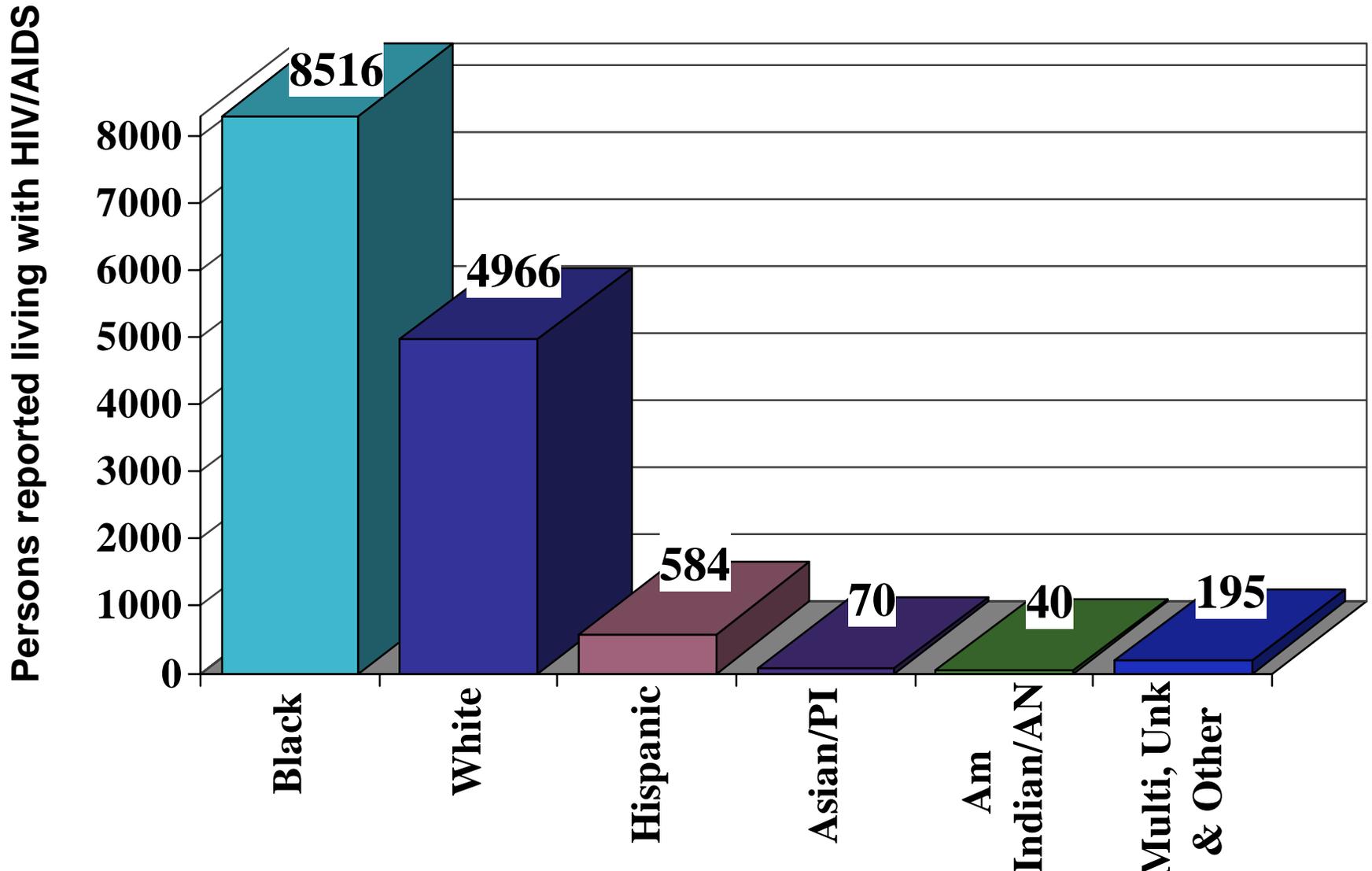


Persons living in MI with HIV/AIDS by Age at Diagnosis, Ages 0-60+

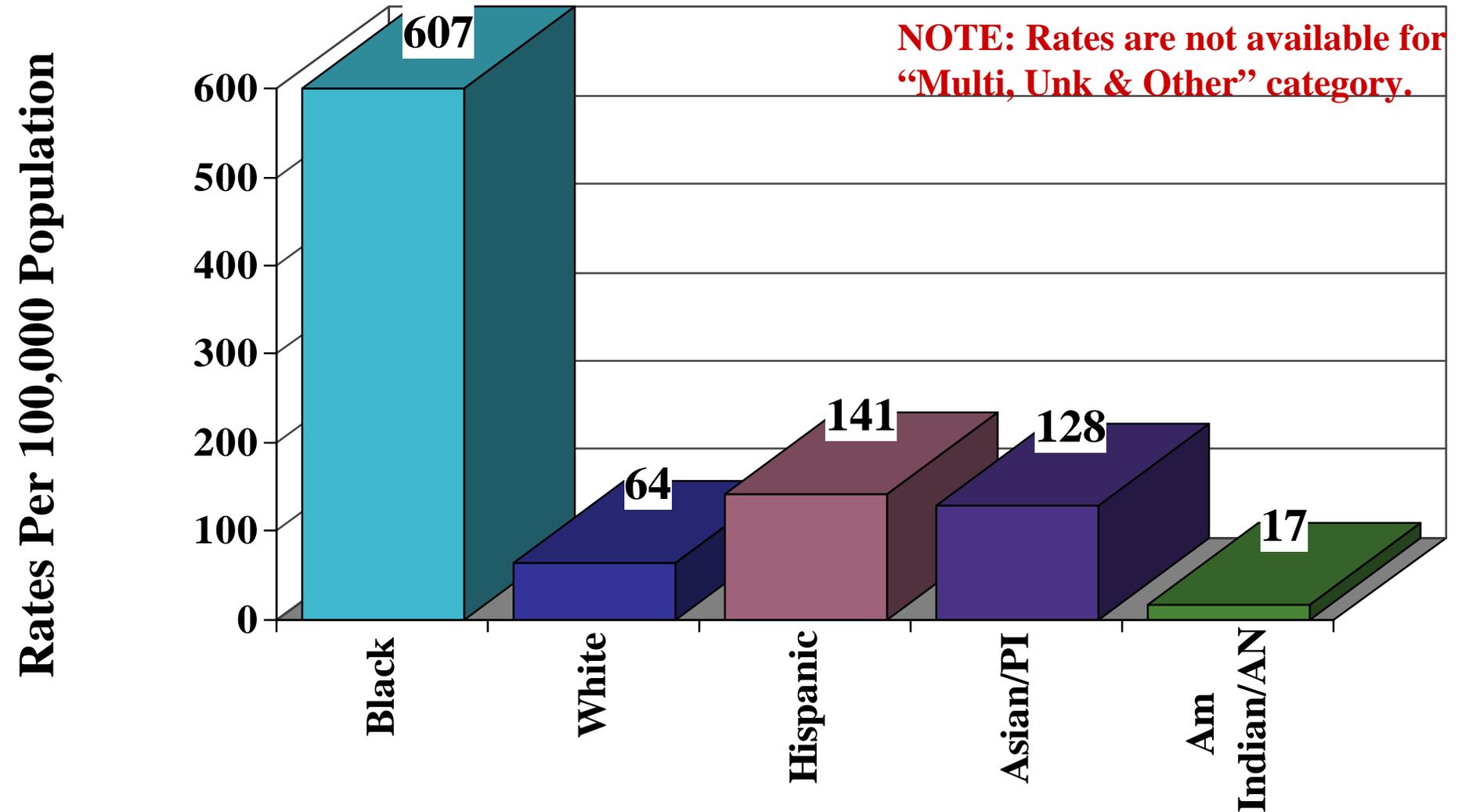
Persons est. or reported living with HIV/AIDS



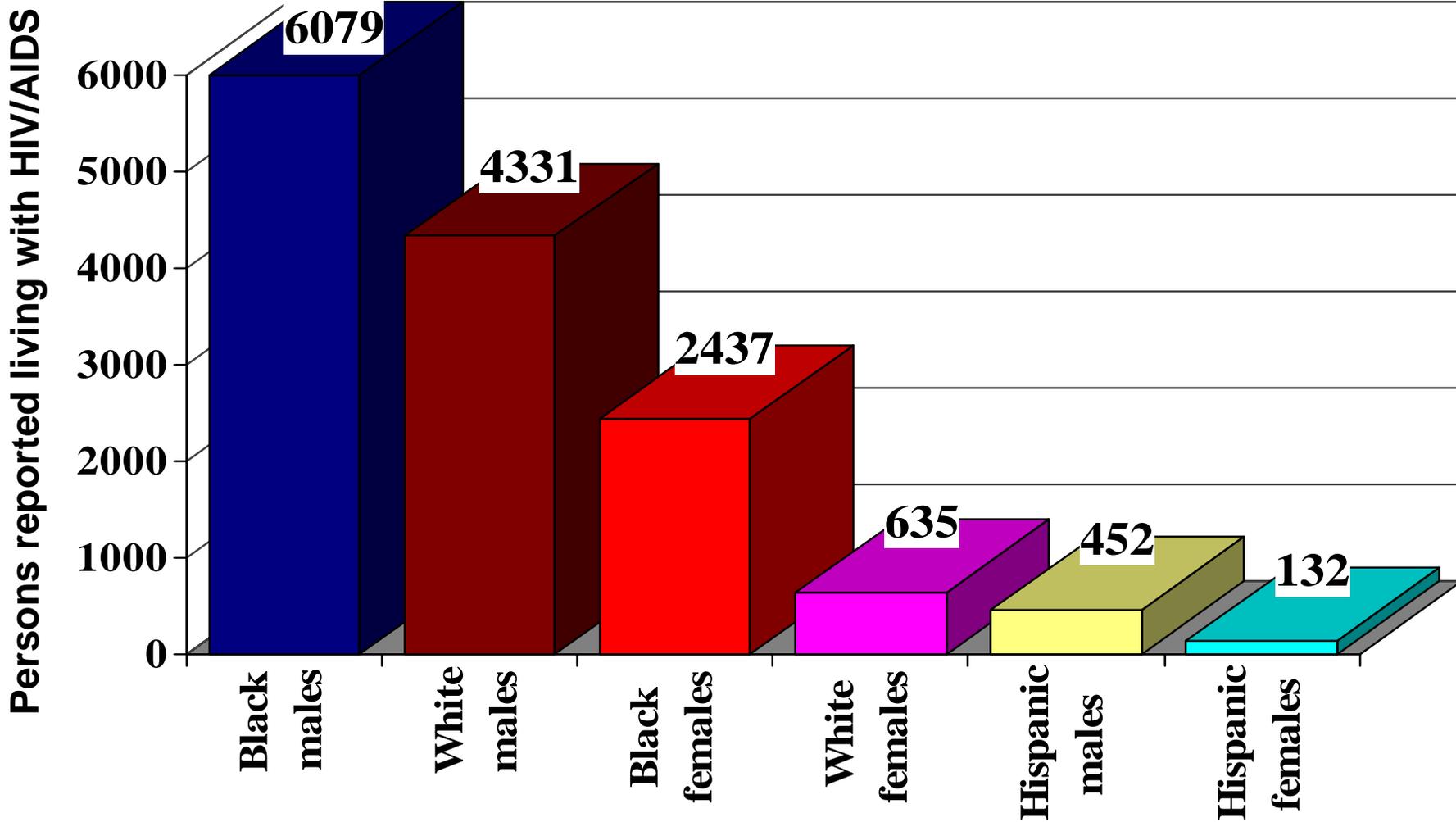
Reported Persons Living with HIV/AIDS in MI by Race (n=14,371)



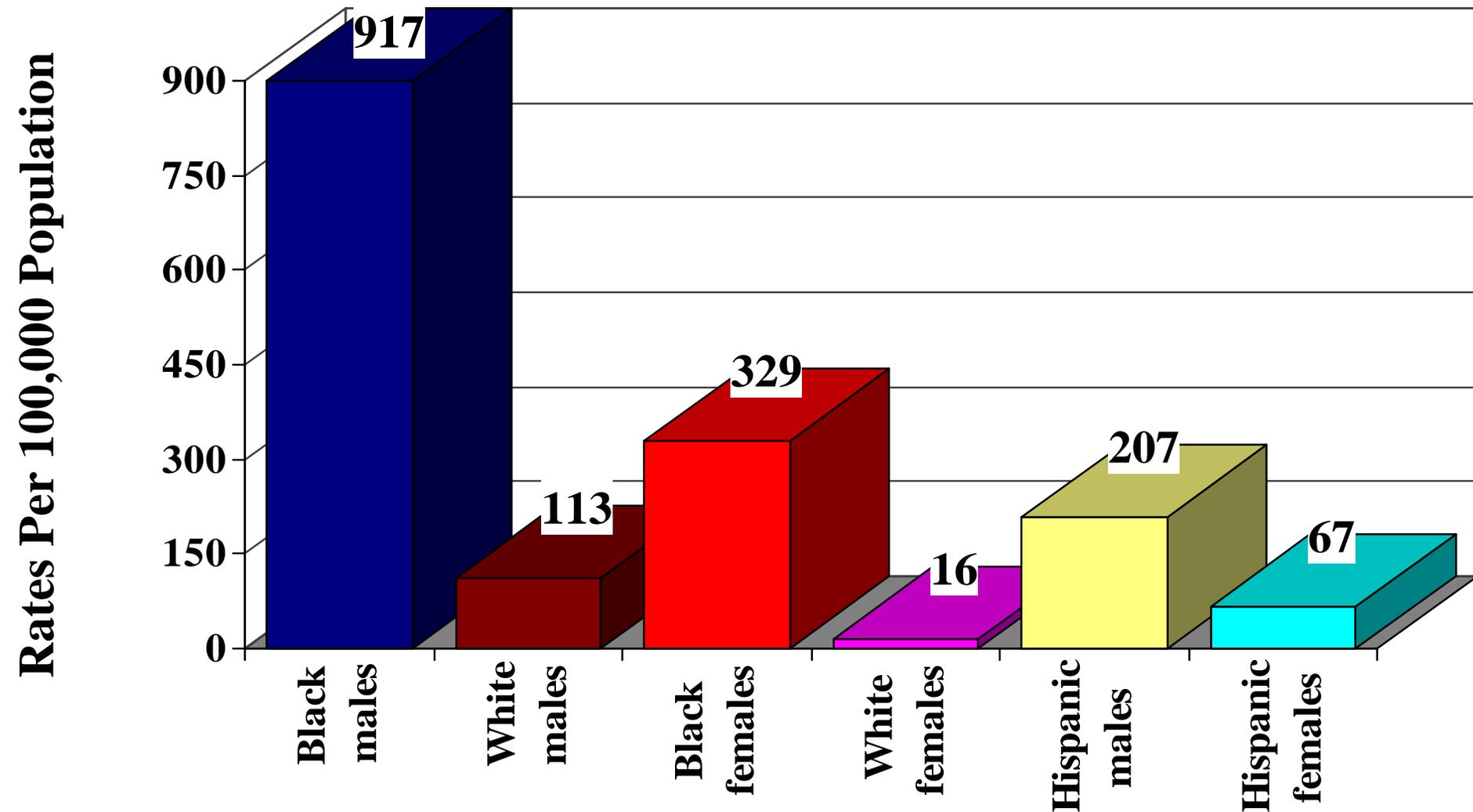
Prevalence Rates of Reported Persons Living with HIV/AIDS in MI by Race



Reported Persons Living with HIV/AIDS in MI by Sex & Race (n=14,371)



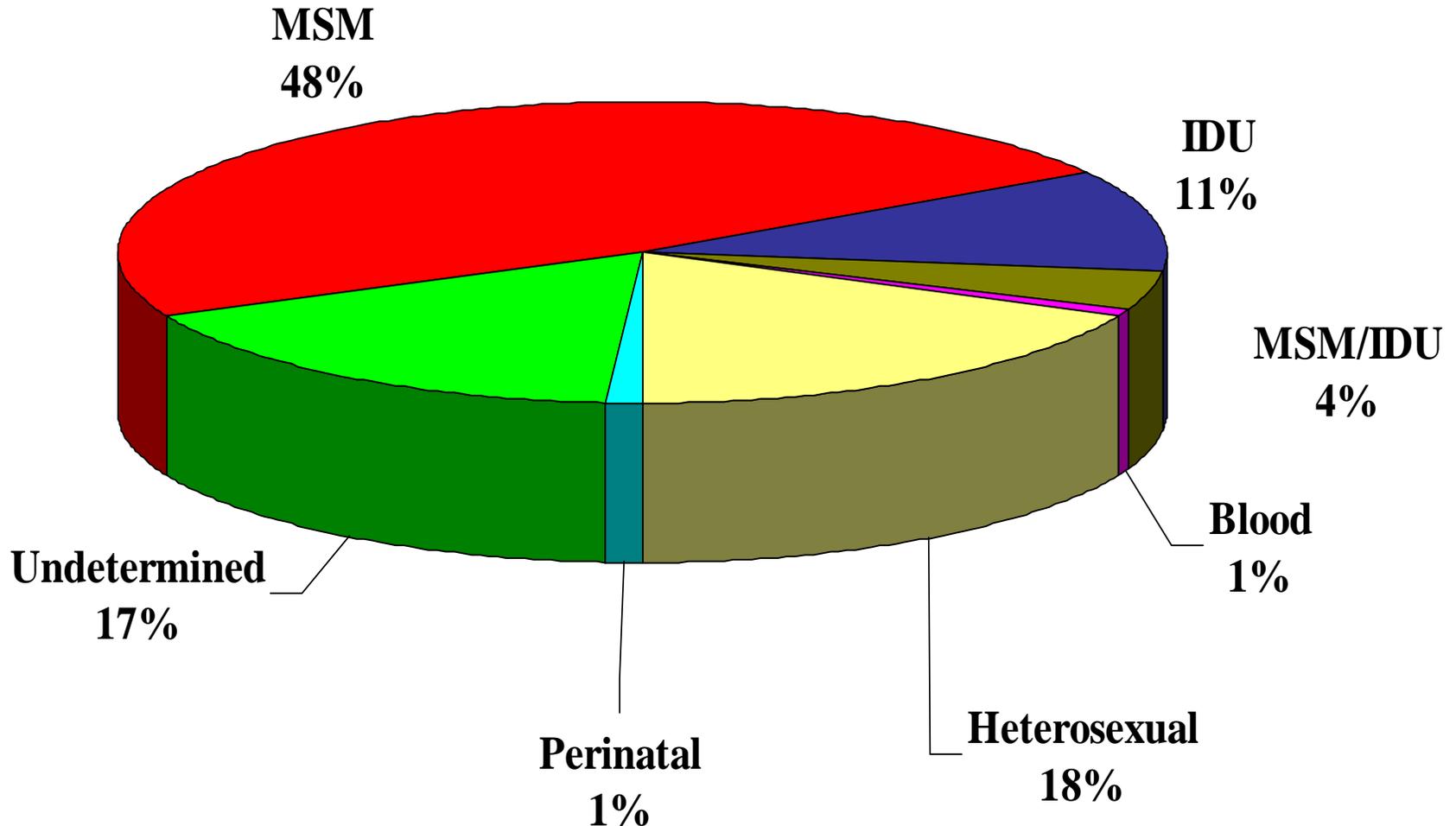
Prevalence Rates of Reported Persons Living with HIV/AIDS in MI by Sex & Race



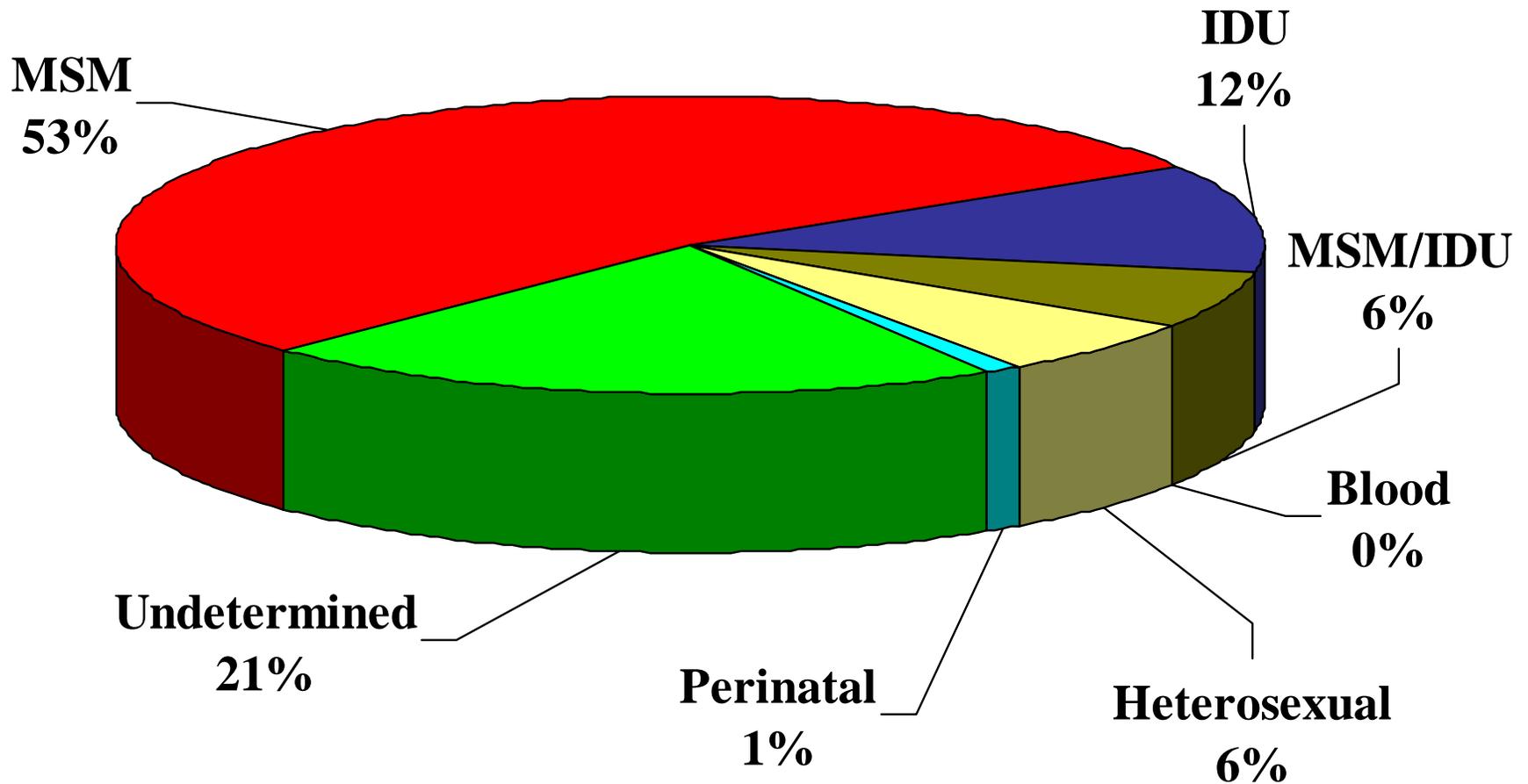
Risk Transmission Categories

- Risk transmission categories are the hierarchical risk categories that have been used for displaying HIV transmission risk in Michigan and national HIV/AIDS statistics since the 1980's.
- The order from top to bottom is meant to represent the most likely route through which HIV is transmitted, and thus implies that some modes of transmission are more efficient than others.

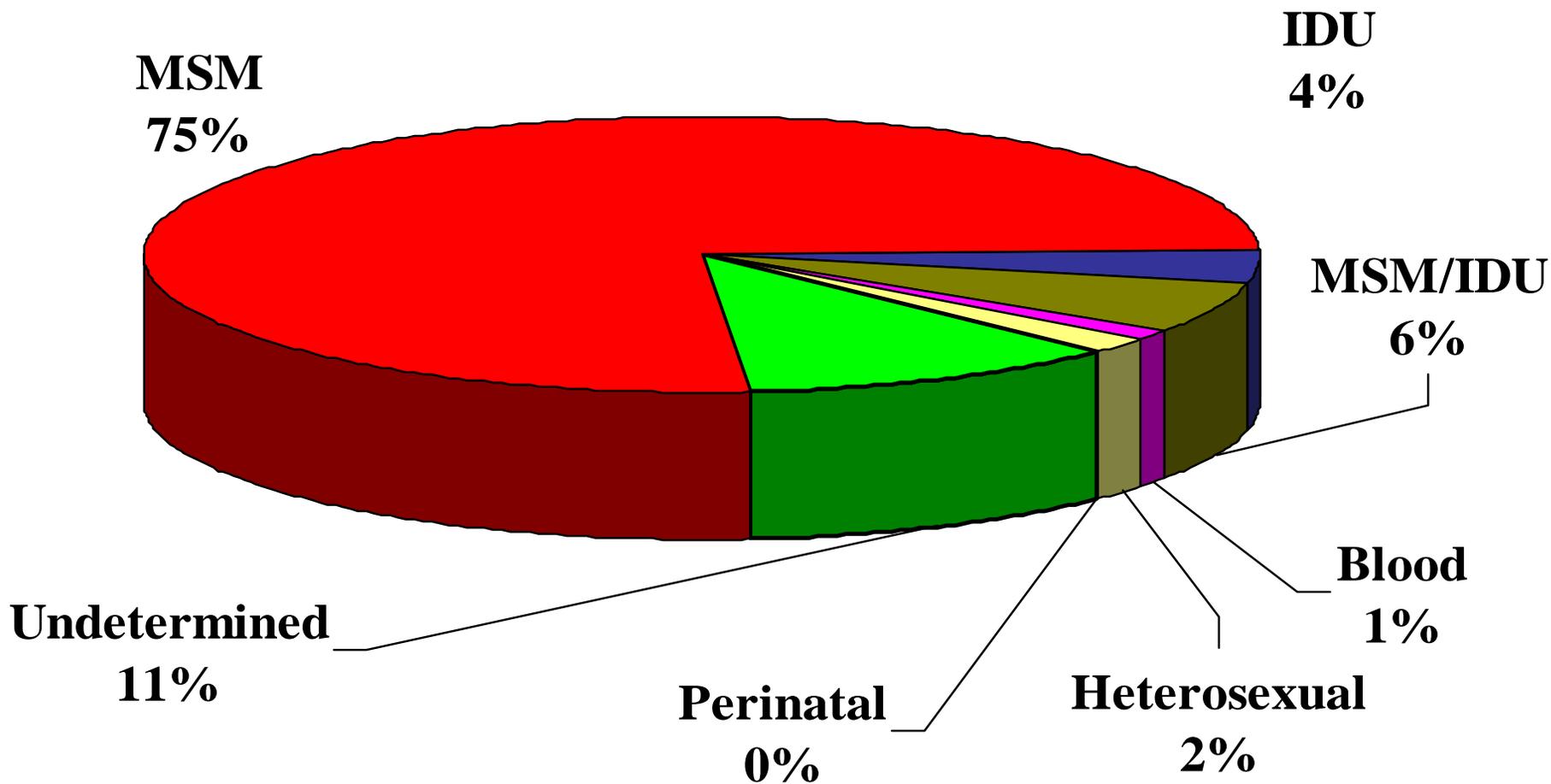
Prevalent HIV/AIDS Cases by Risk (n=14,371)



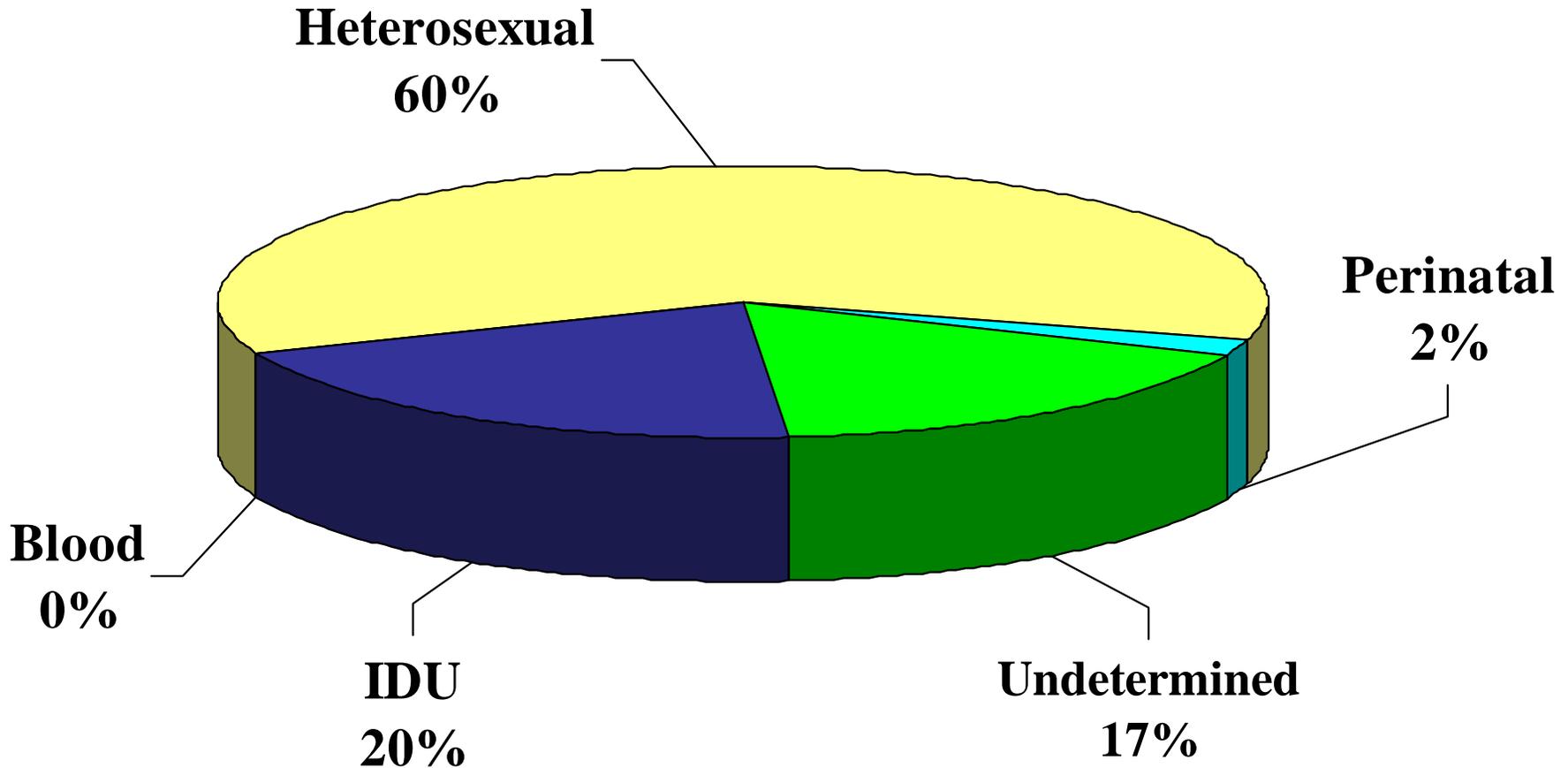
Prevalent HIV/AIDS Cases Among Black Males by Risk (n =6,079)



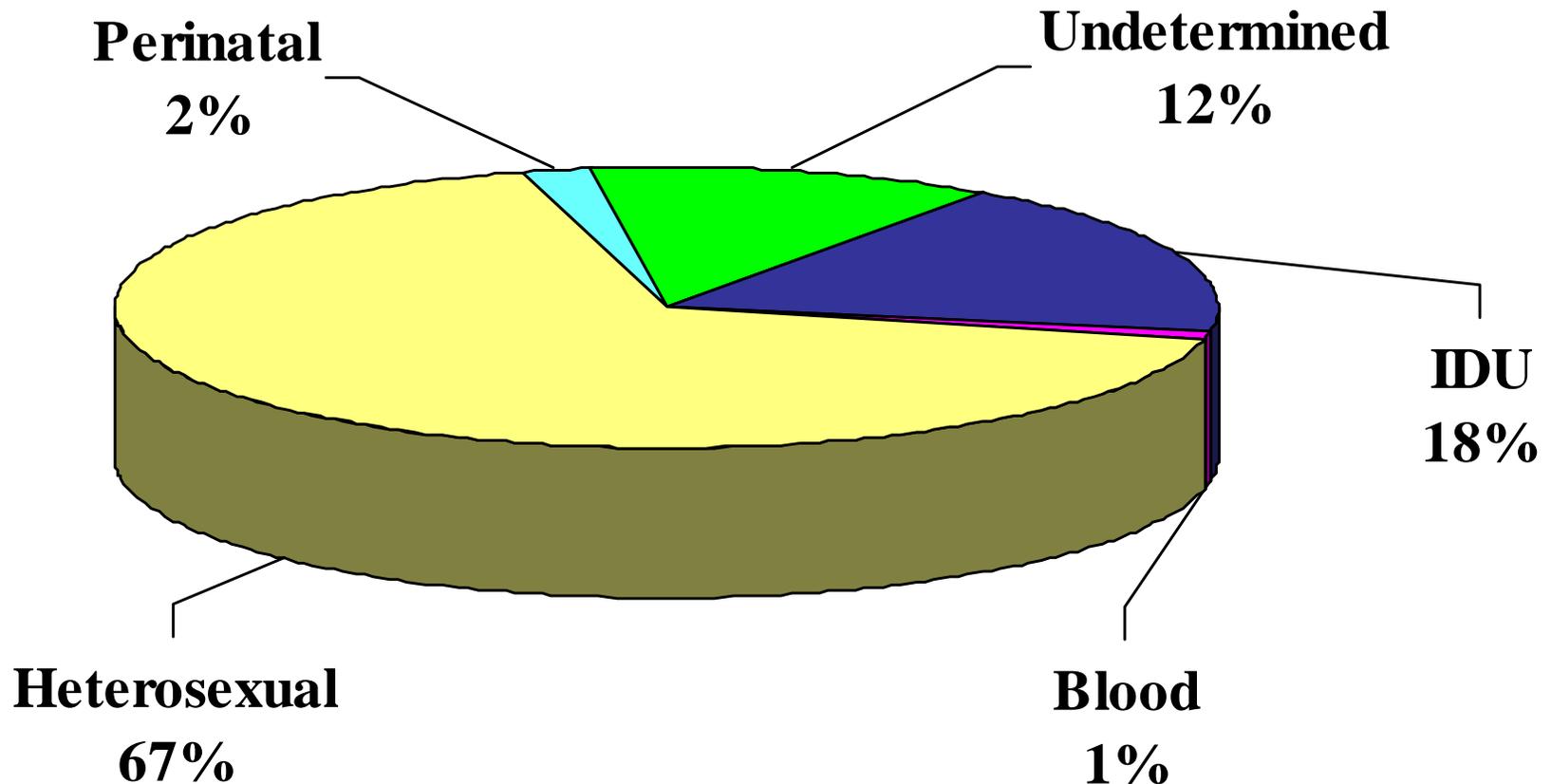
Prevalent HIV/AIDS Cases Among White Males by Risk (n =4,331)



Prevalent HIV/AIDS Cases Among Black Females by Risk (n = 2,437)



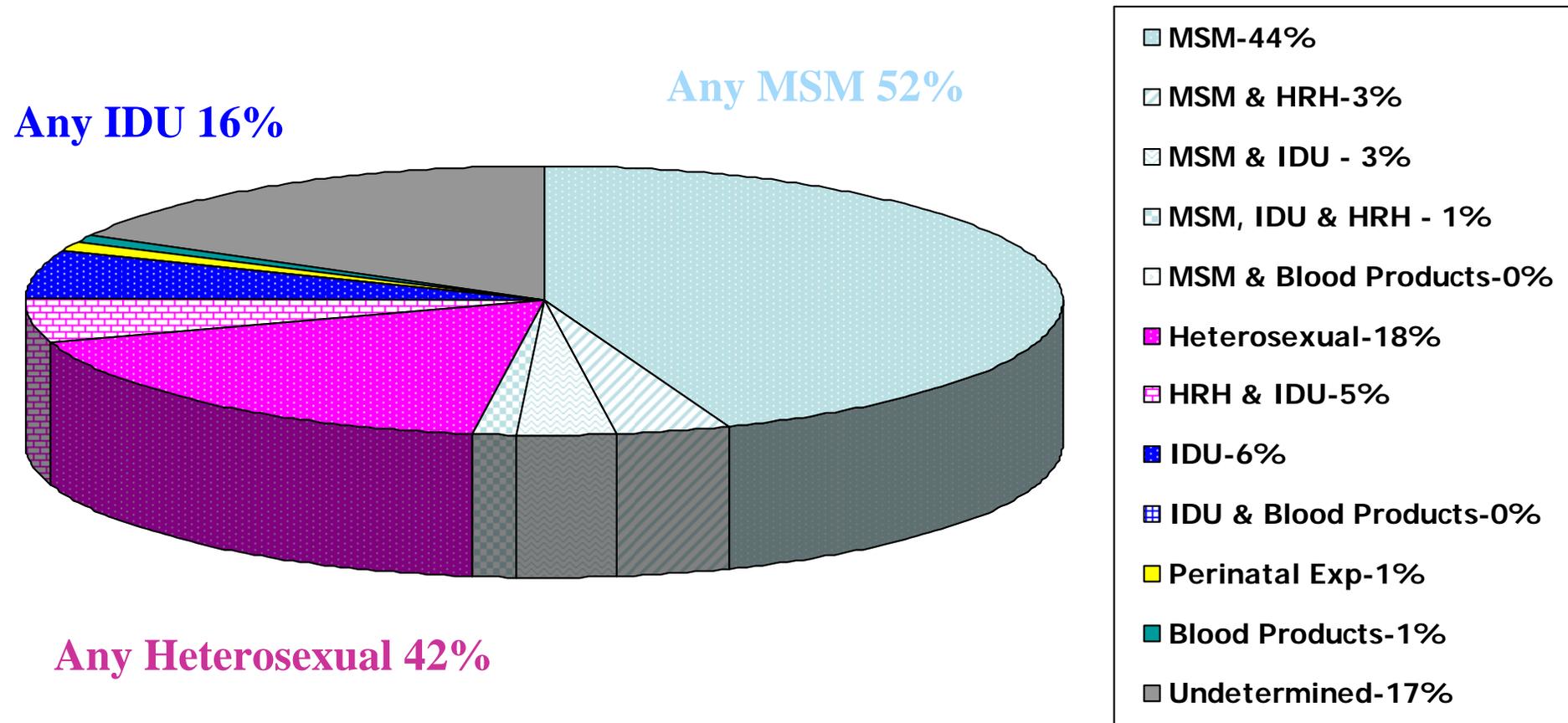
Prevalent HIV/AIDS Cases Among White Females by Risk (n =635)



Exposure Categories

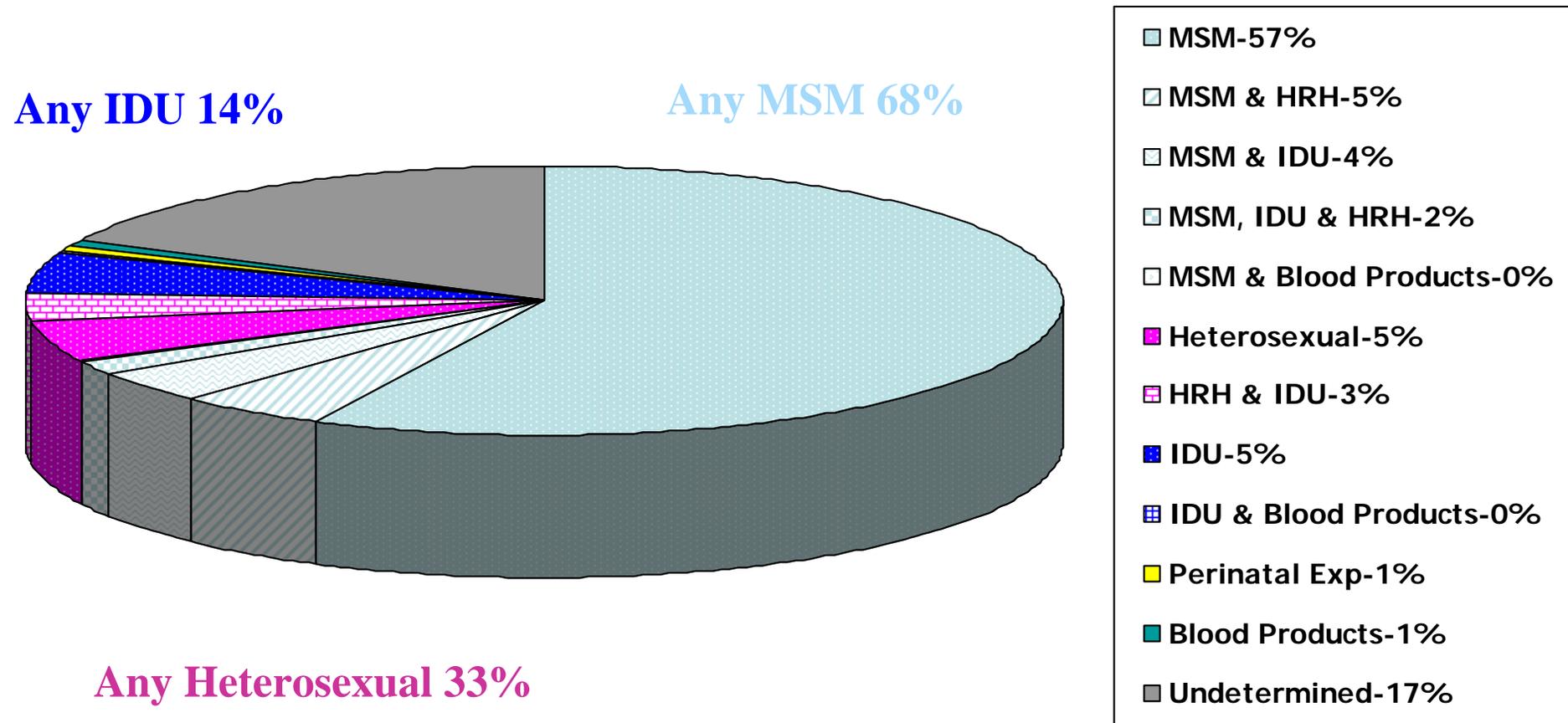
- Exposure categories convey all risks that a person is documented to have engaged in that could have exposed him or her to HIV.
- Like the traditional risk hierarchy categories, the exposure categories are mutually exclusive, meaning that each person is only included in one category.
- Michigan is the first state to display mode of transmission using exposure categories. The plan is to convert to these categories nationally as well.

Exposure Categories for Prevalent HIV/AIDS Cases (n=14,371)



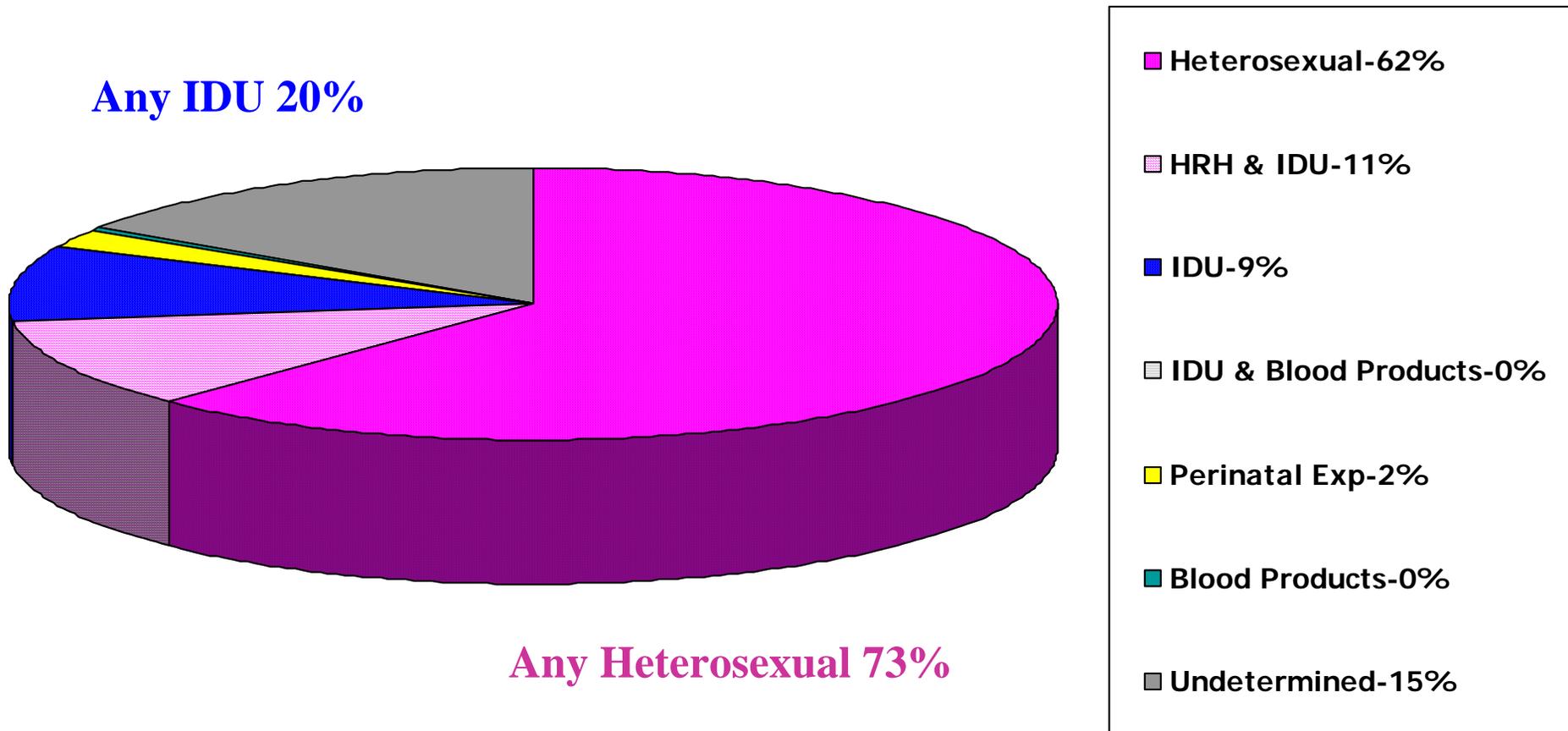
NOTE: The “Any” percentages on this slide overlap

Exposure Categories for Prevalent HIV/AIDS Cases, Males Only (n=11,084)



NOTE: The “Any” percentages on this slide overlap

Exposure Categories for Prevalent HIV/AIDS Cases, Females Only (n=3,287)

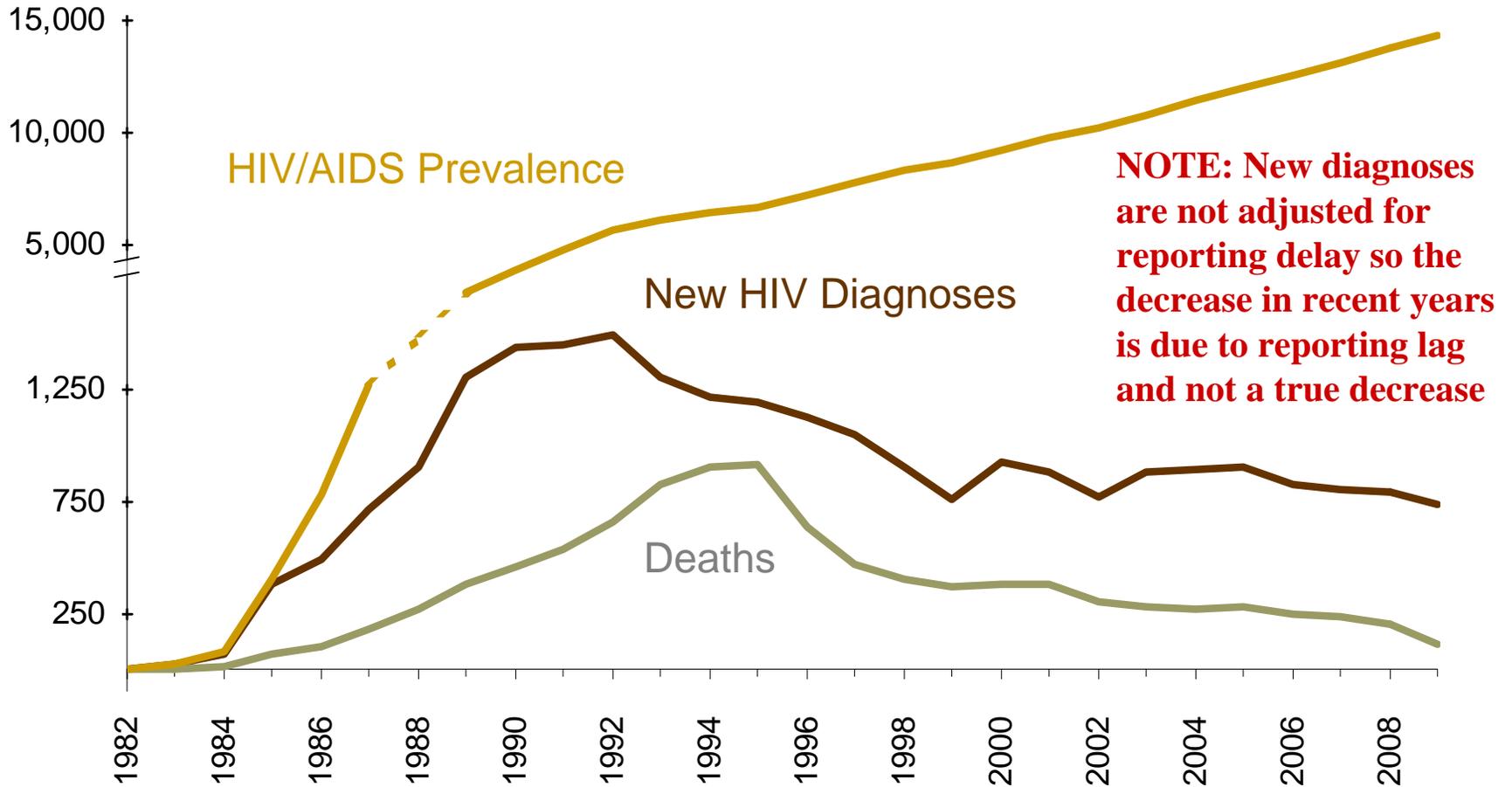


NOTE: The “Any” percentages on this slide overlap

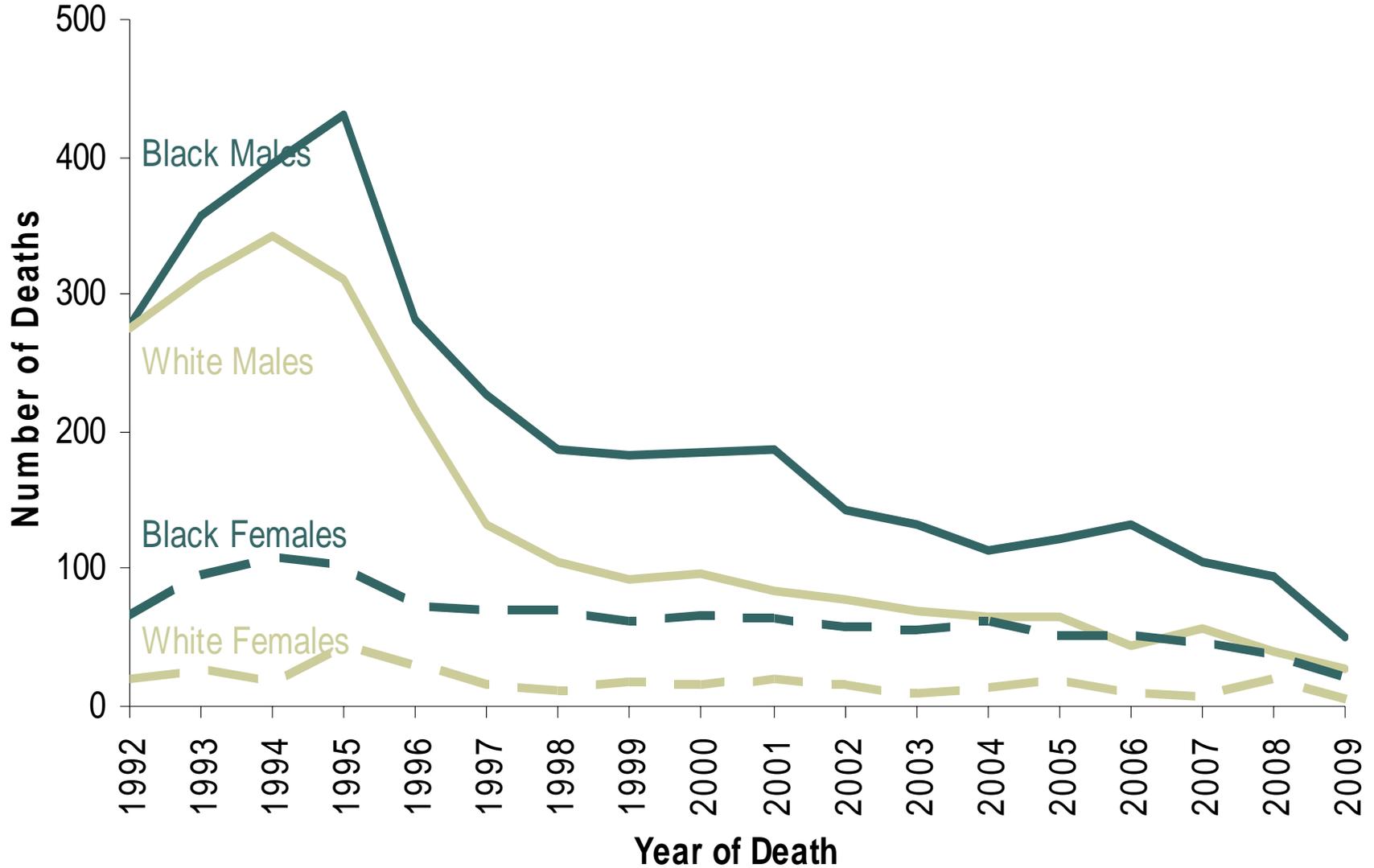
Section 2

**New Diagnoses, Deaths,
Prevalence**

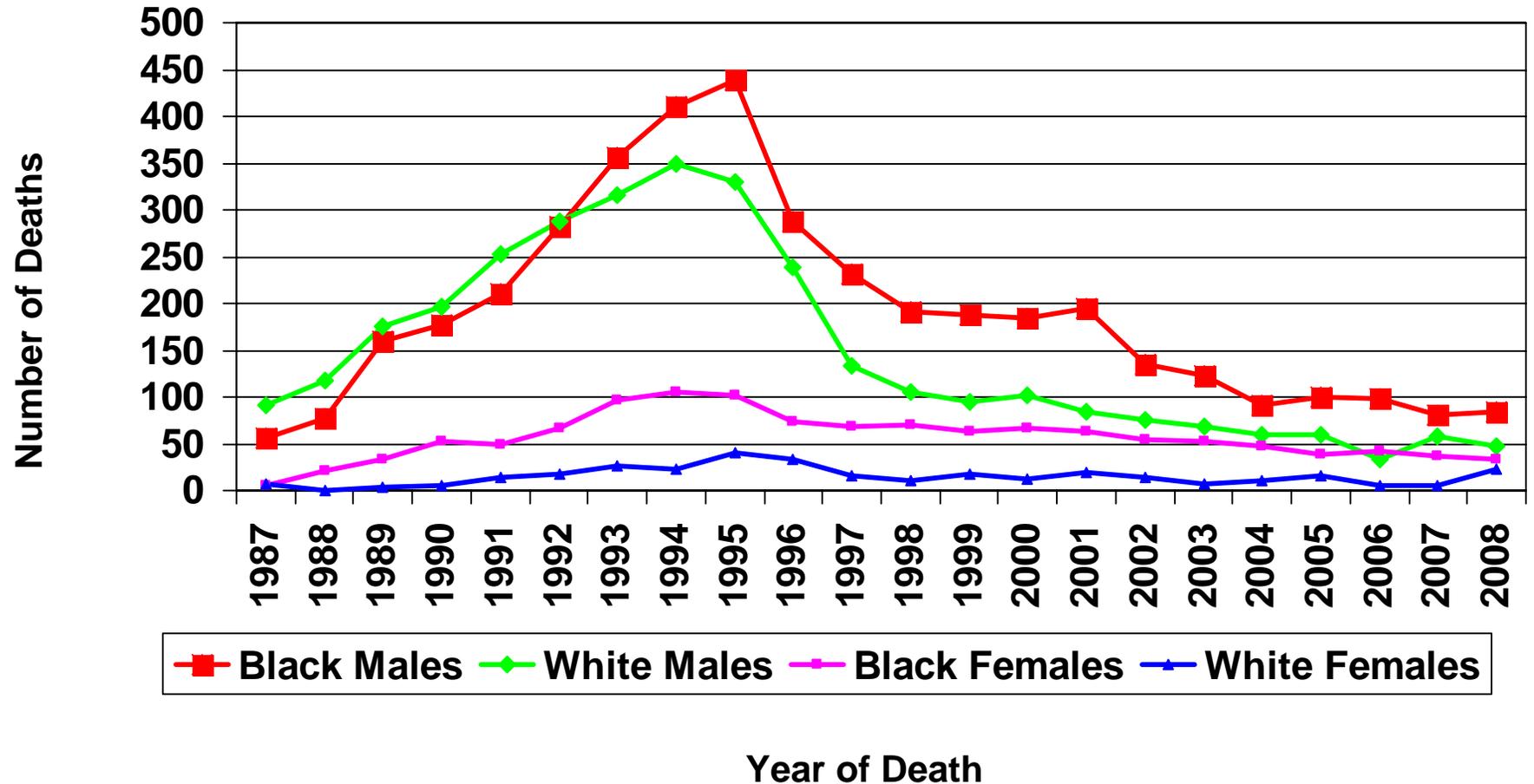
New Diagnoses, Deaths, and Prevalence of HIV/AIDS by Year



HIV/AIDS Deaths in MI by Race & Sex



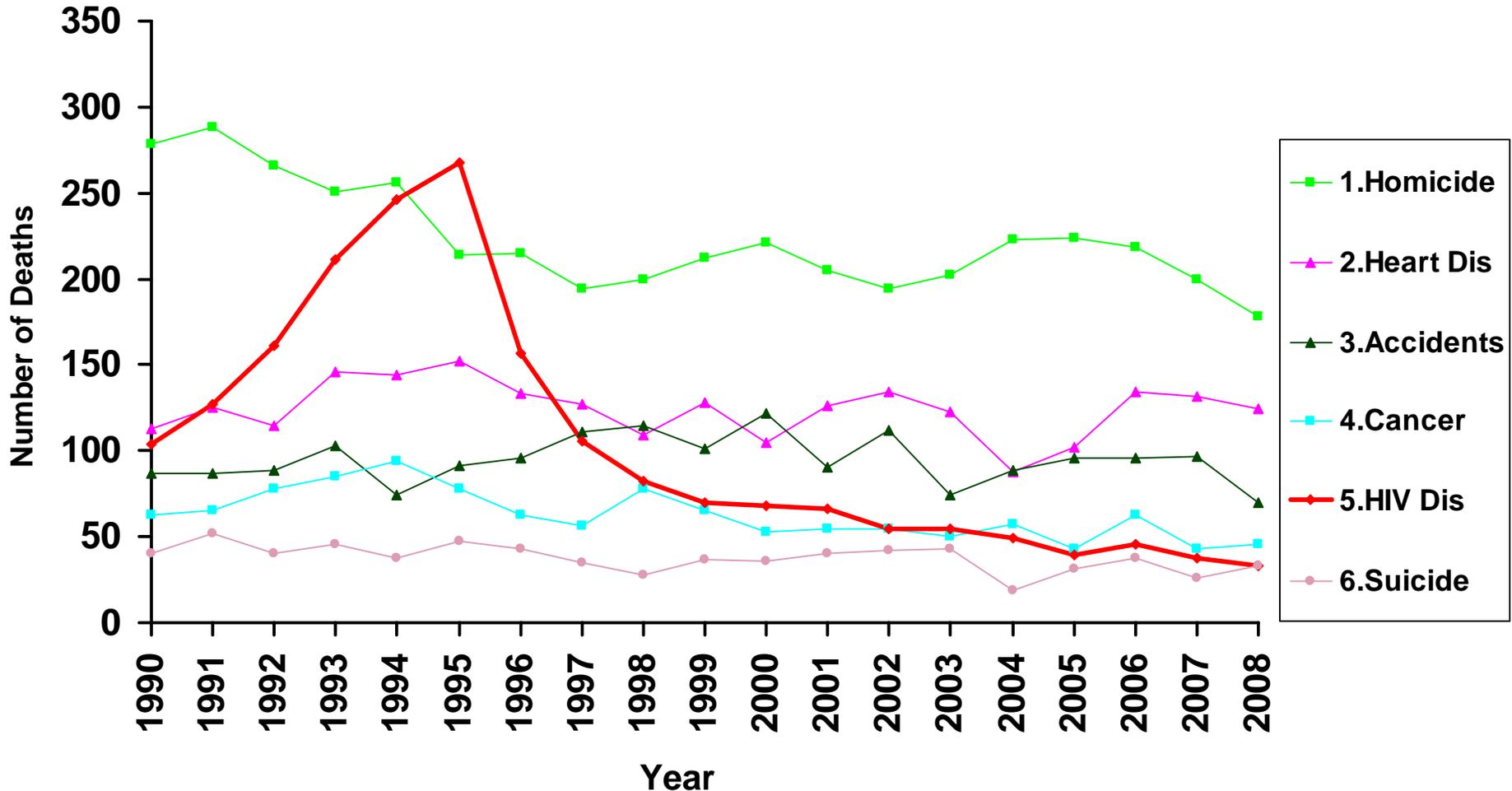
HIV Related Deaths in MI, all ages, by Race and Sex 1987-2008



Leading Causes of Death Among Black Men in MI

Ages 25-44

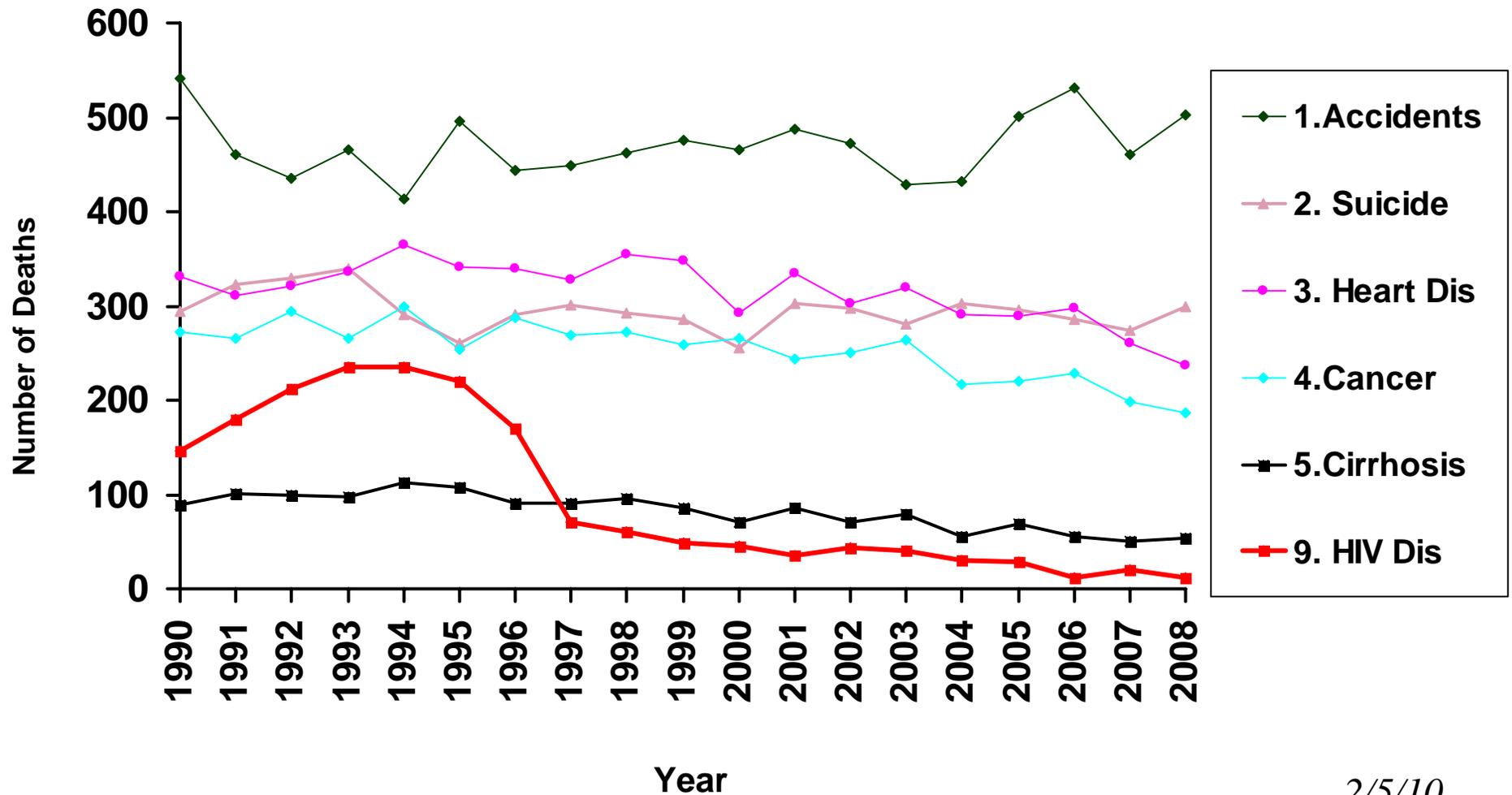
1990-2008



Leading Causes of Death Among White Men in MI

Ages 25-44

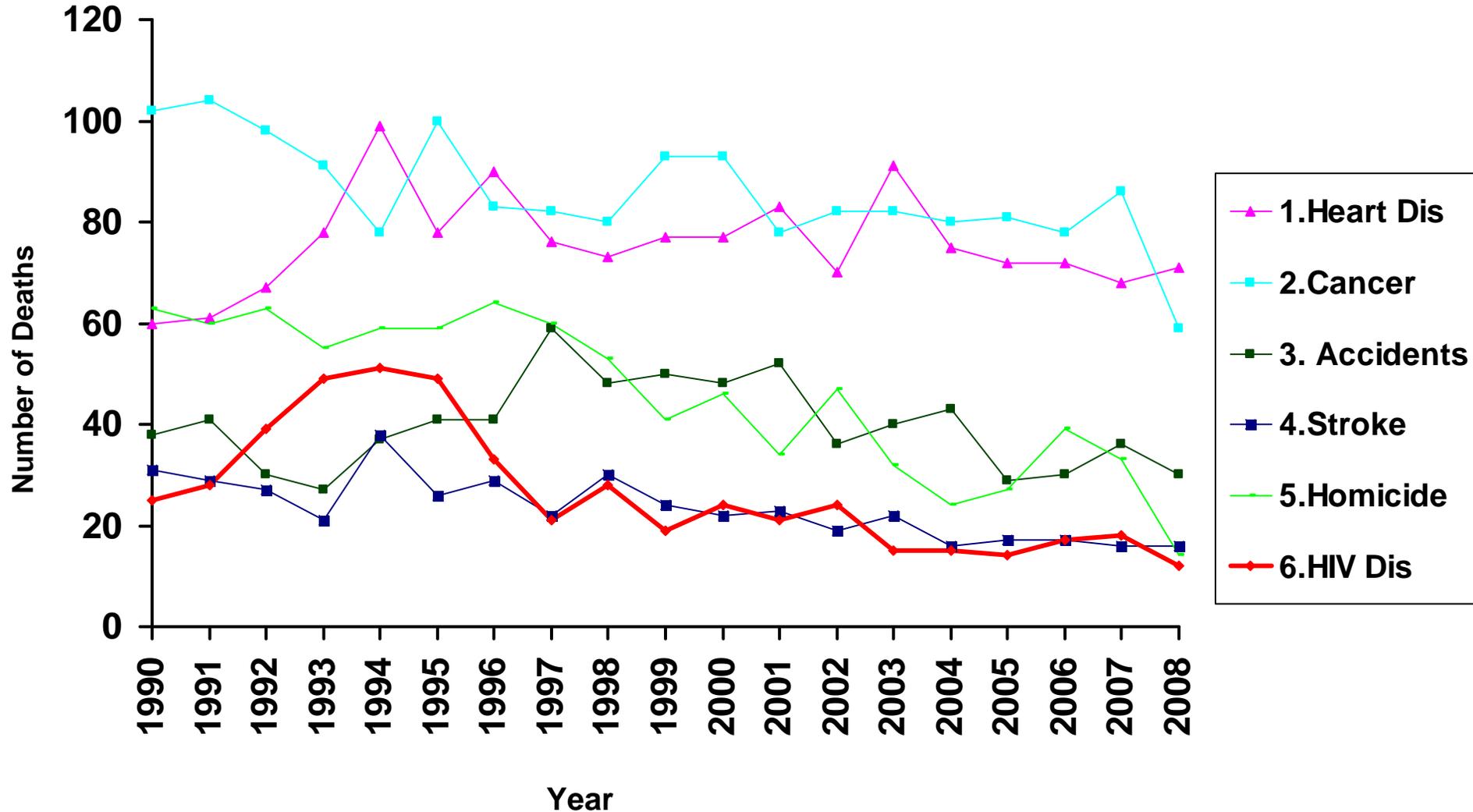
1990-2008



Leading Causes of Death Among Black Women in MI

Ages 25-44

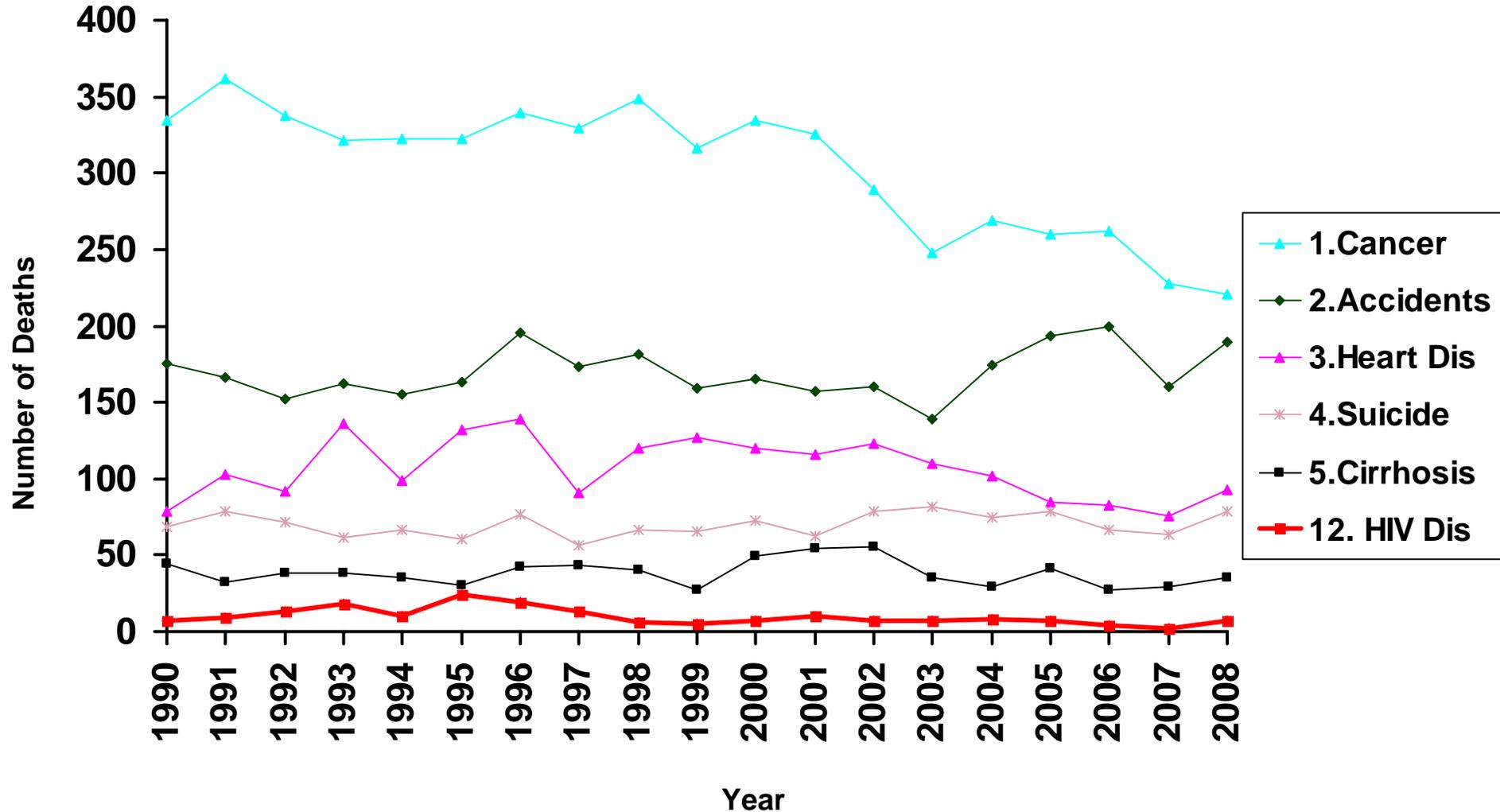
1990-2008



Leading Causes of Death Among White Women in MI

Ages 25-44

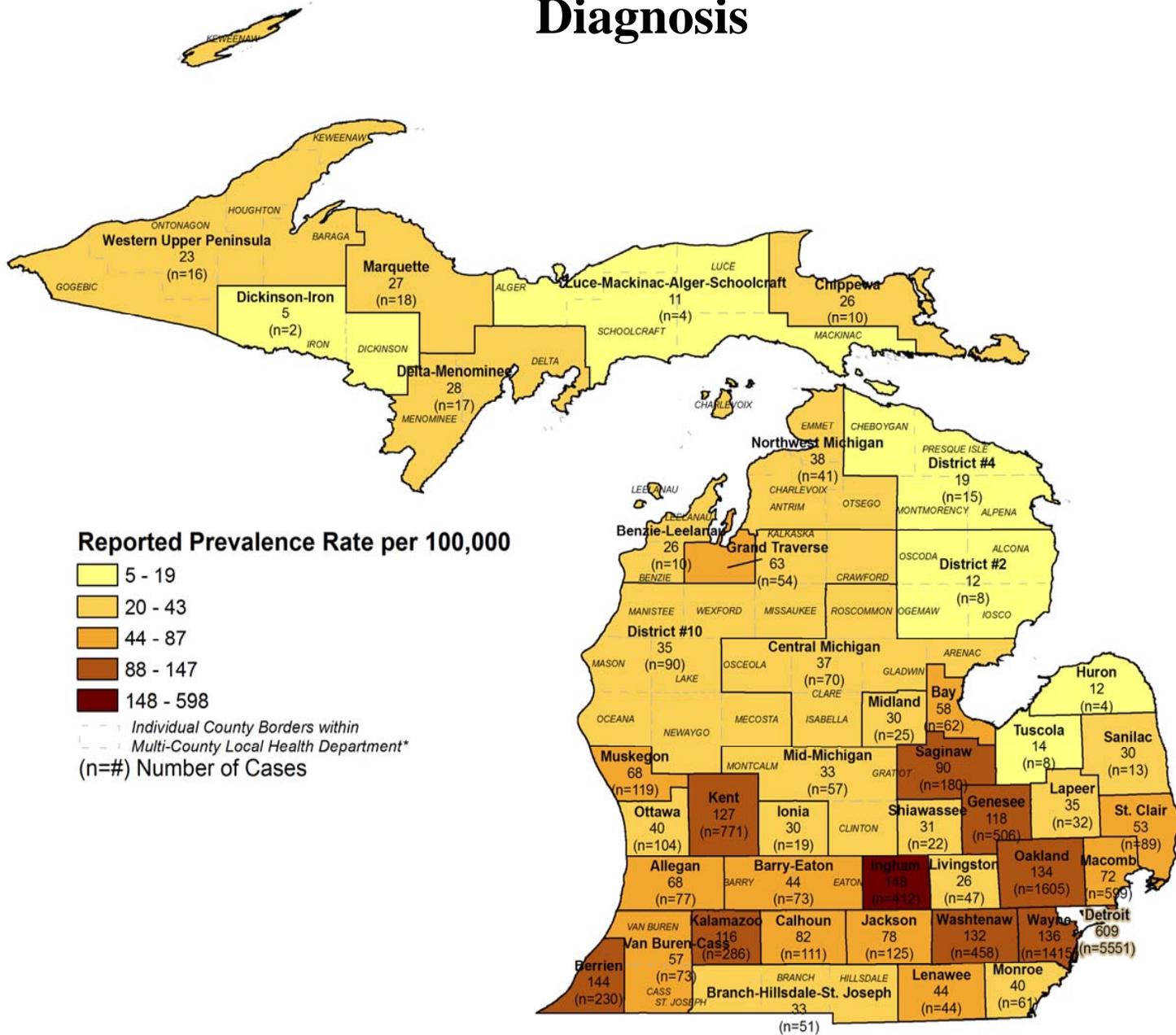
1990-2008



Section 3

Geographic Distribution of HIV/AIDS

Reported HIV Prevalence and Prevalence Rates by Residence at Diagnosis



Section 4

Information on Perinatally HIV Exposed Infants

Infection Status of Perinatal HIV Exposures, 2003-2009

