

HIV/AIDS Epidemiologic Report

An Overview of HIV and AIDS
Surveillance Data

Acknowledgements

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AIDS

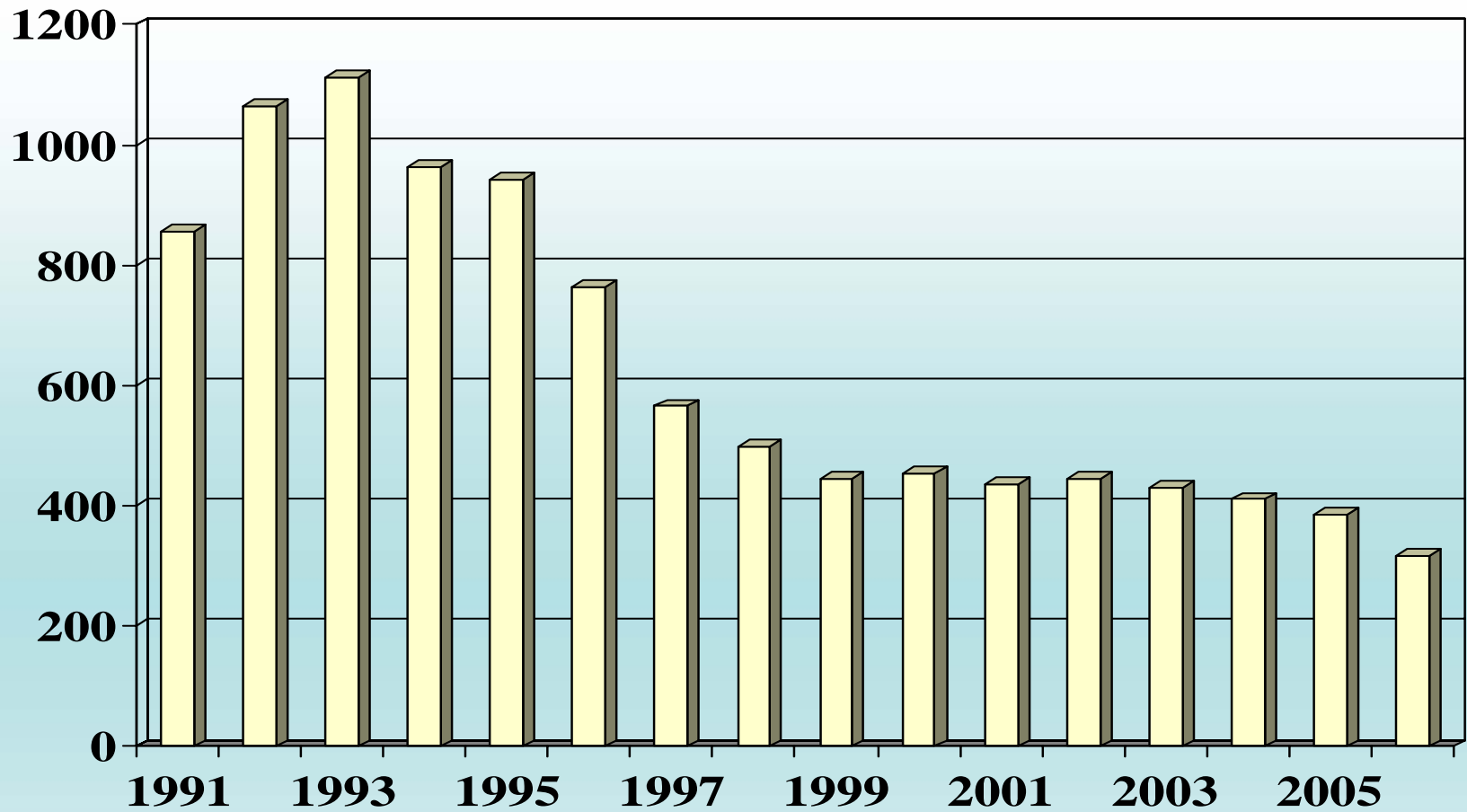
Notes

- Cumulative Cases
 - Cases diagnosed and reported to the Community Epidemiology Branch through December 31, 2006
- Recent Cases
 - Cases diagnosed January 1, 2005 – December 31, 2006 and reported to the Community Epidemiology Branch through December 31, 2006
- Residency
 - Resident of San Diego County at time of AIDS diagnosis; all regional analysis is based upon zip code at time of AIDS diagnosis

San Diego County AIDS Cases

Countywide Cases Reported
through December 31, 2006

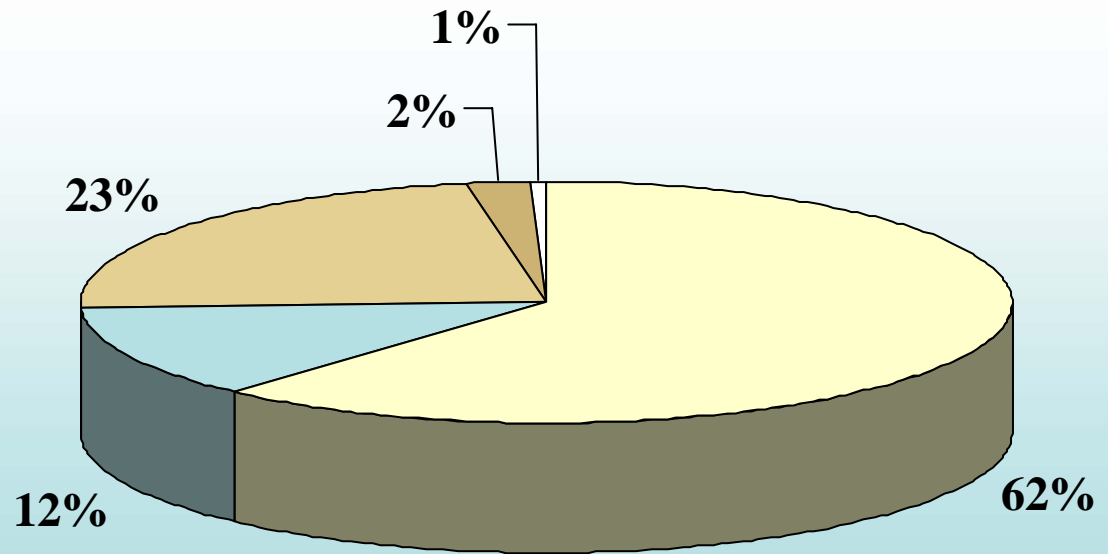
San Diego County AIDS Cases by Year of Diagnosis



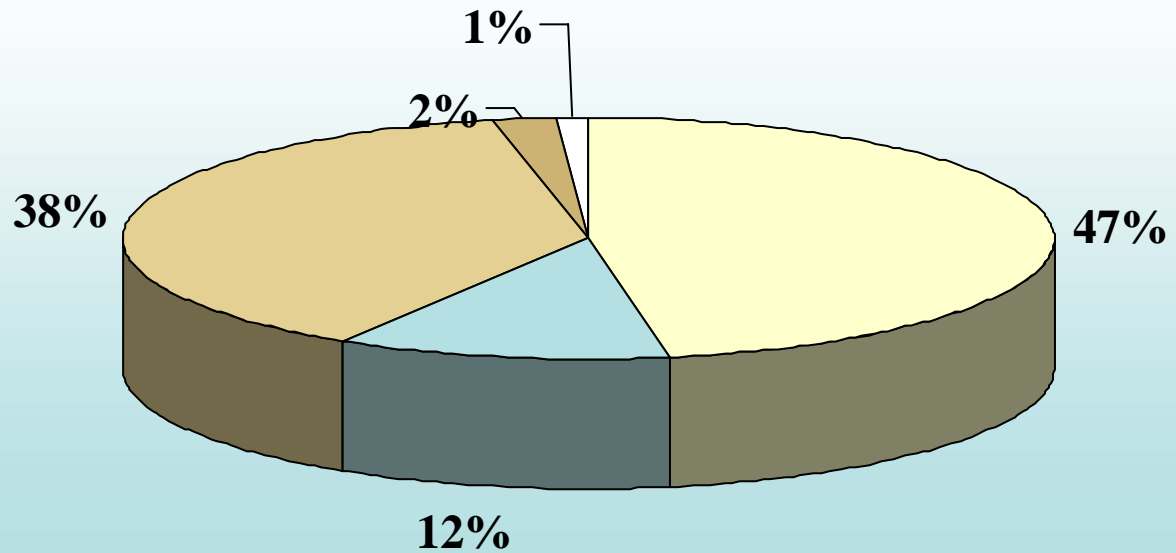
Recent AIDS Cases Rate per 100,000

	Male Rate	Female Rate
White	40.2	1.9
Black	82.2	15.8
Hispanic	51.6	9.3
Asian/Other	8.1	2.6
TOTAL	41.4	4.8

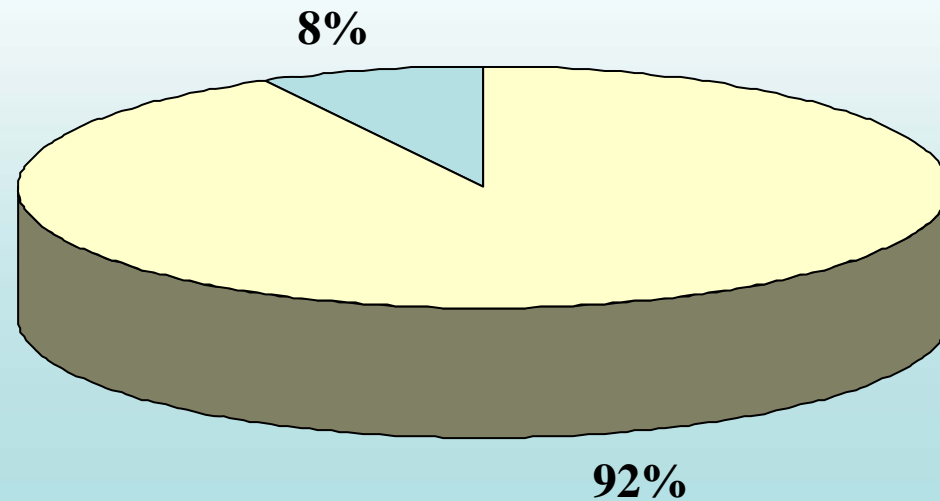
San Diego County Cumulative AIDS Cases by Race/Ethnicity



San Diego County Recent AIDS Cases by Race/Ethnicity

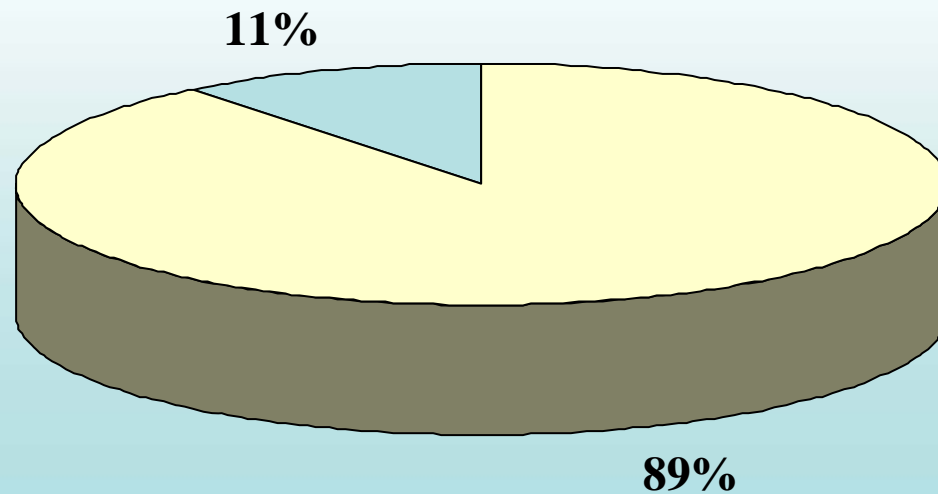


San Diego County Cumulative AIDS Cases by Gender



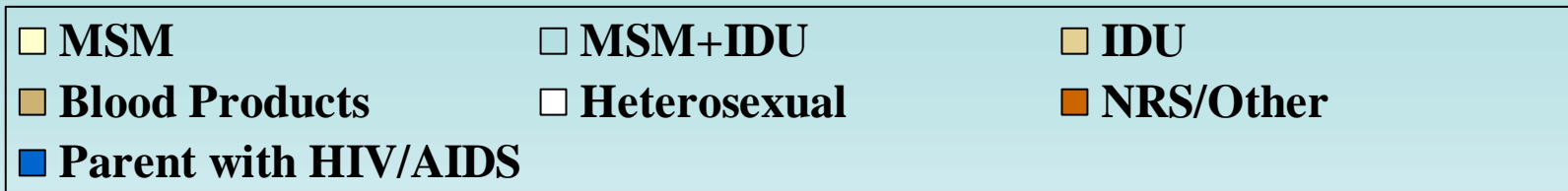
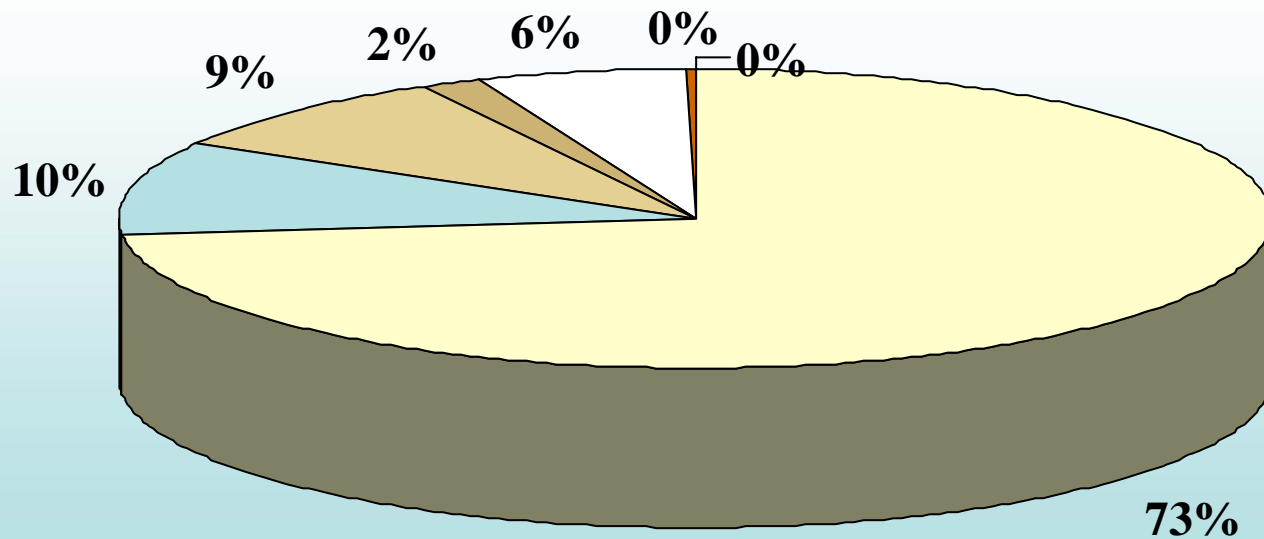
Male Female

San Diego County Recent AIDS Cases by Gender

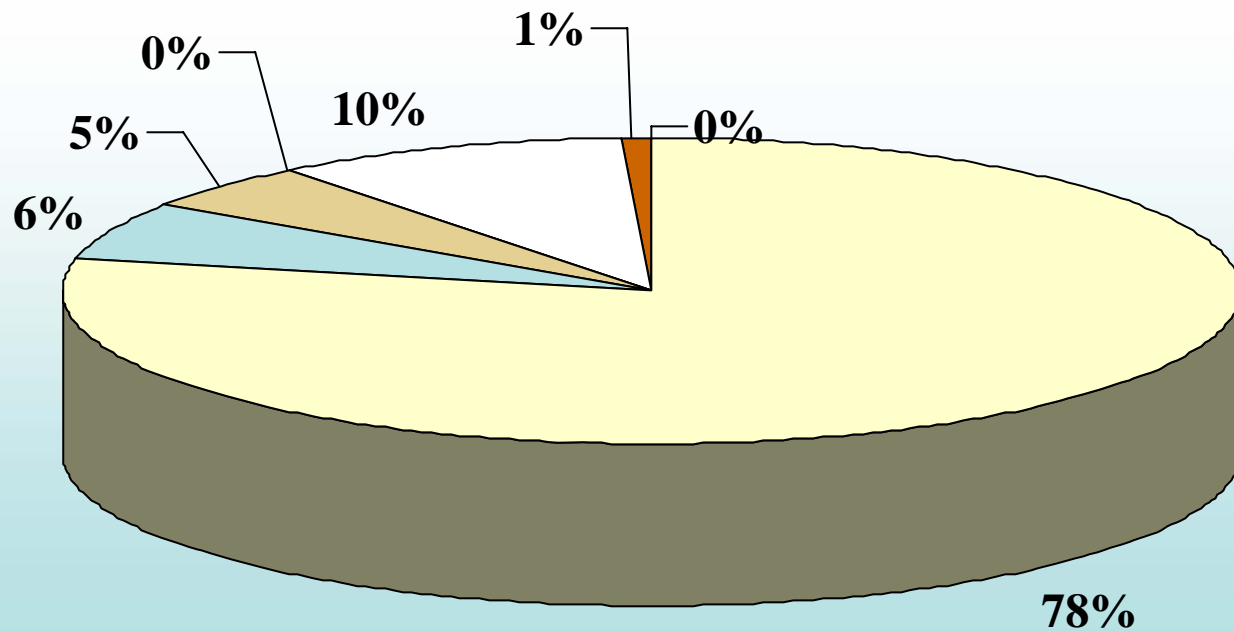


Male Female

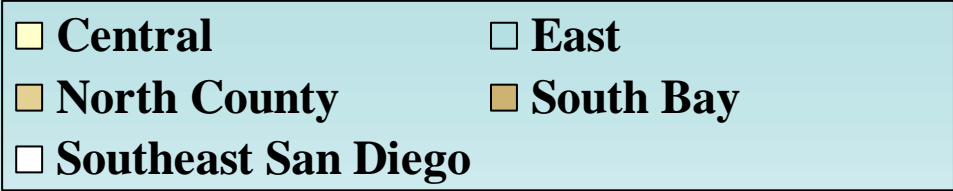
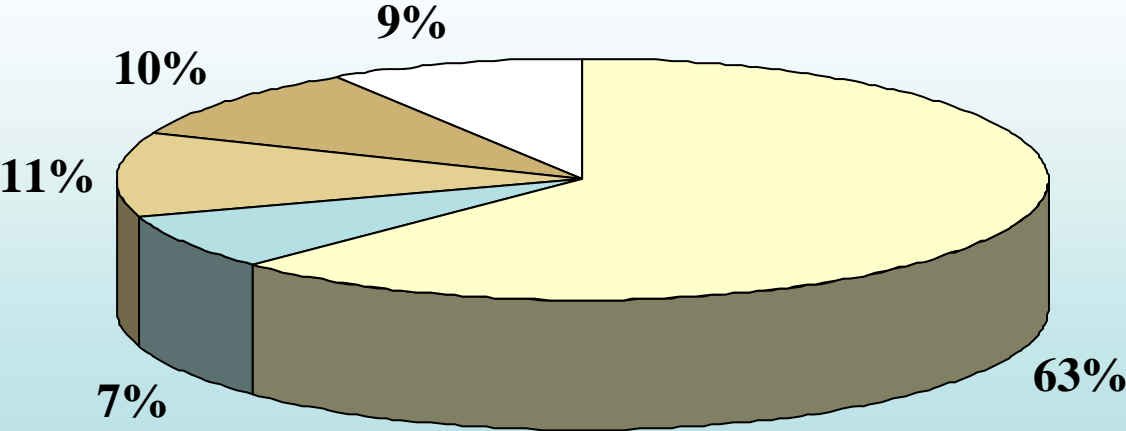
San Diego County Cumulative Adult/ Adolescent AIDS Cases by Mode of Transmission



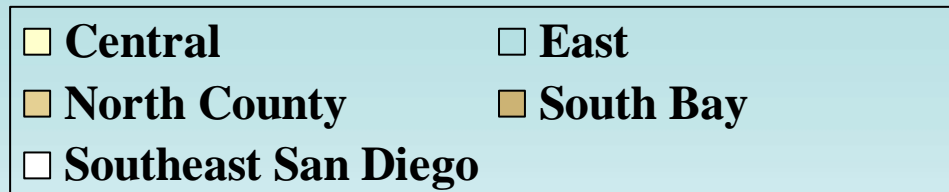
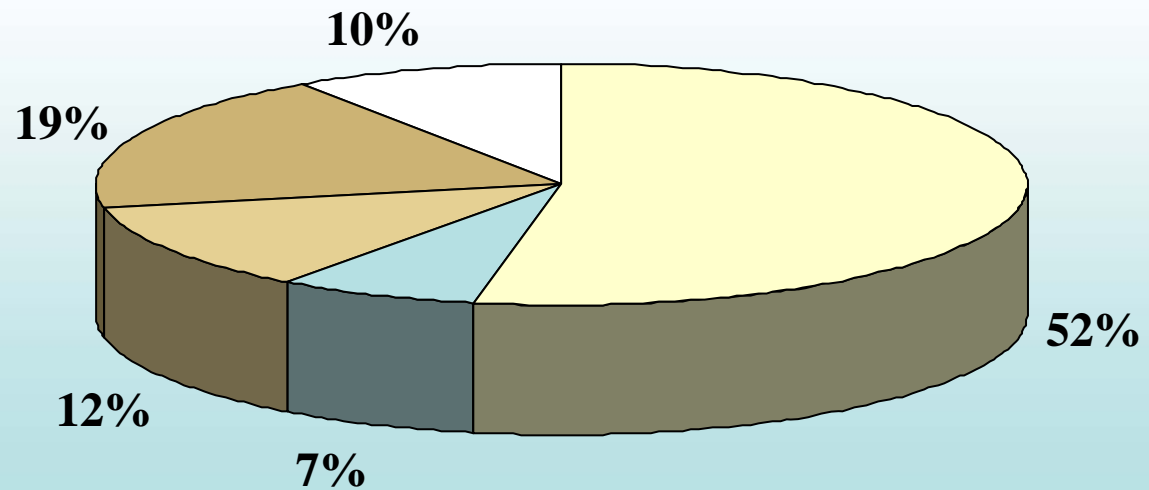
San Diego County Recent Adult/Adolescent AIDS Cases by Mode of Transmission



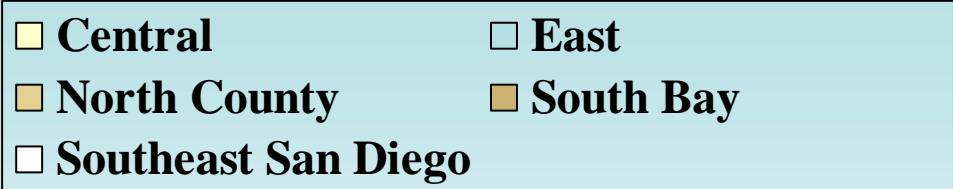
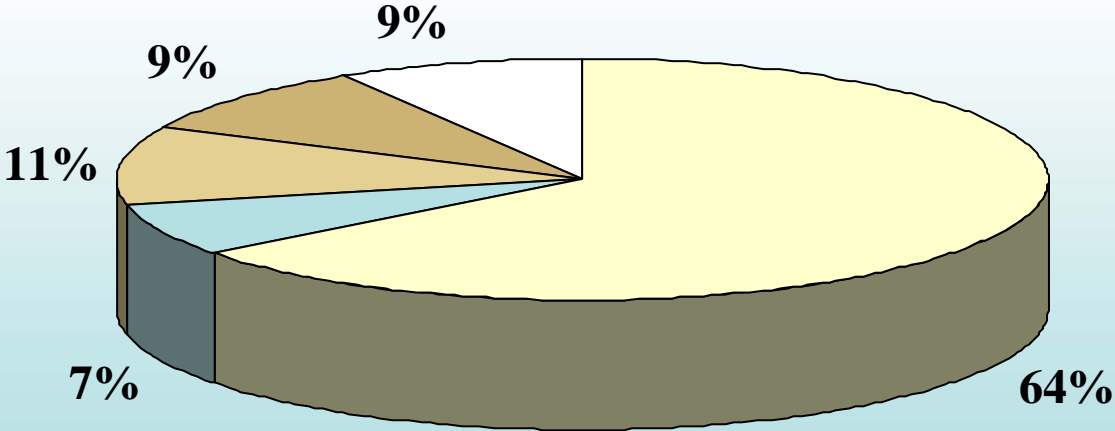
Proportion of Cumulative AIDS Cases by Region



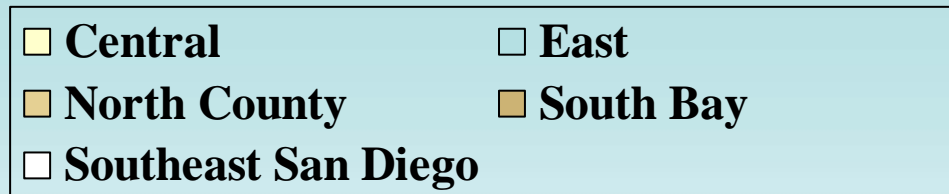
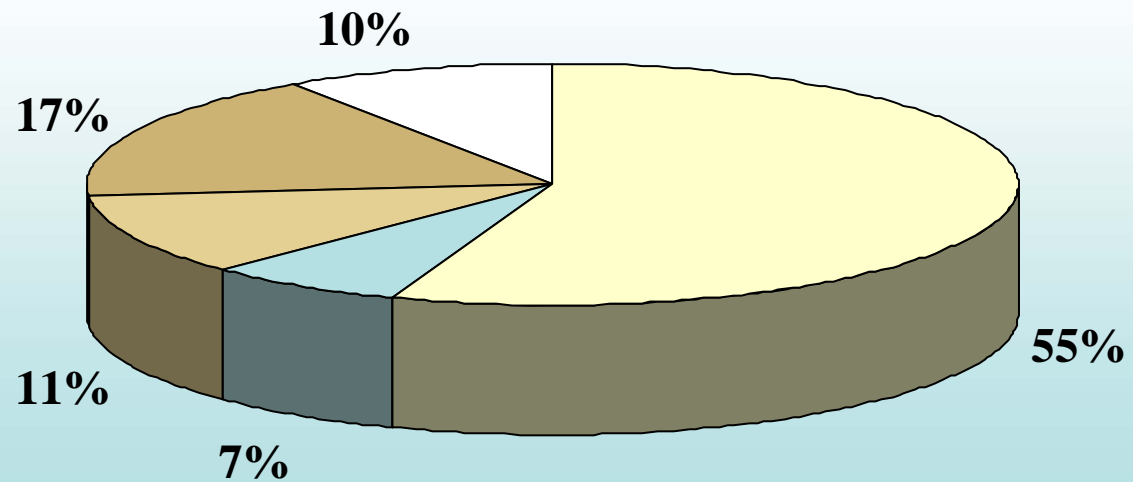
Proportion of Recent AIDS Cases by Region



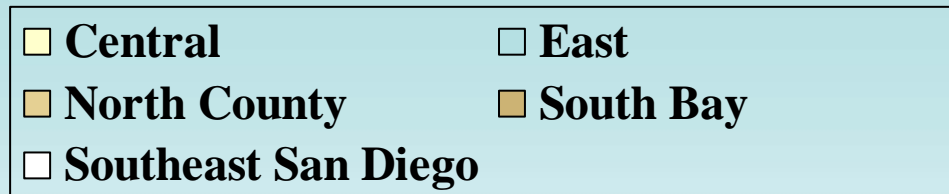
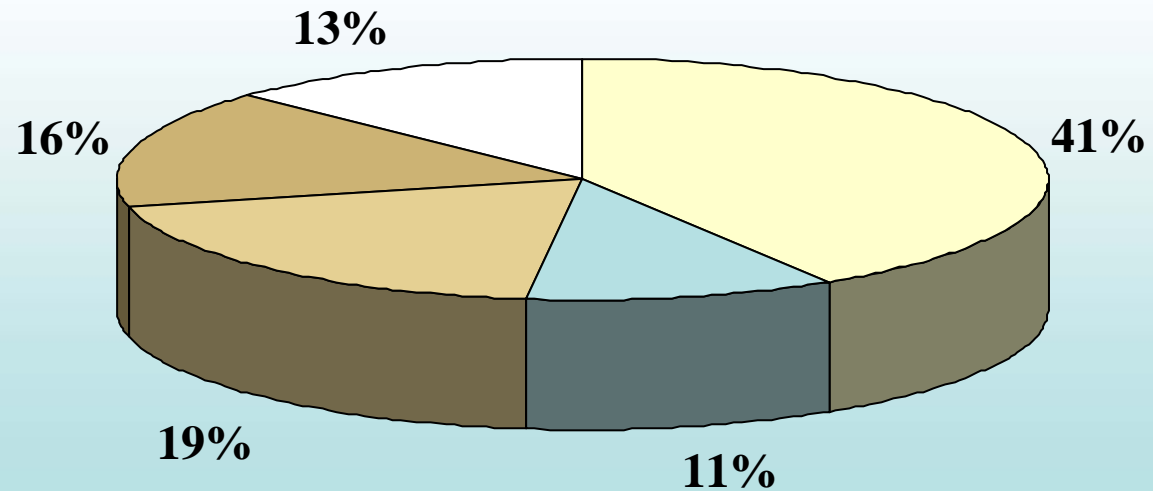
Cumulative Male AIDS Cases by Region



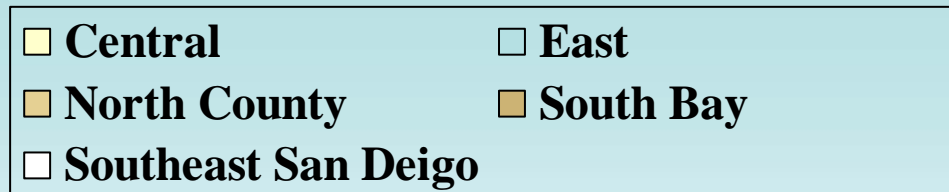
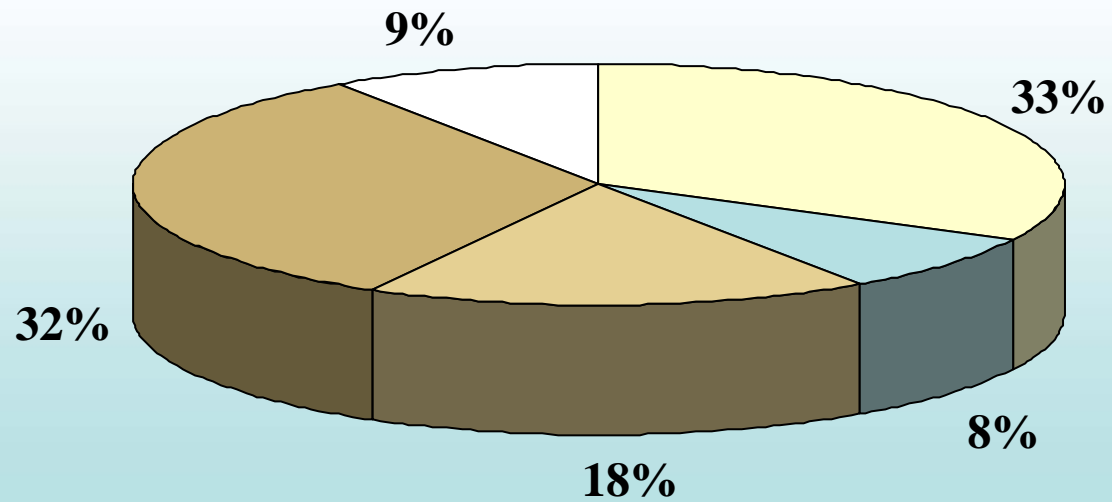
Recent Male AIDS Cases by Region



Cumulative Female AIDS Case by Region



Recent Female AIDS Cases by Region

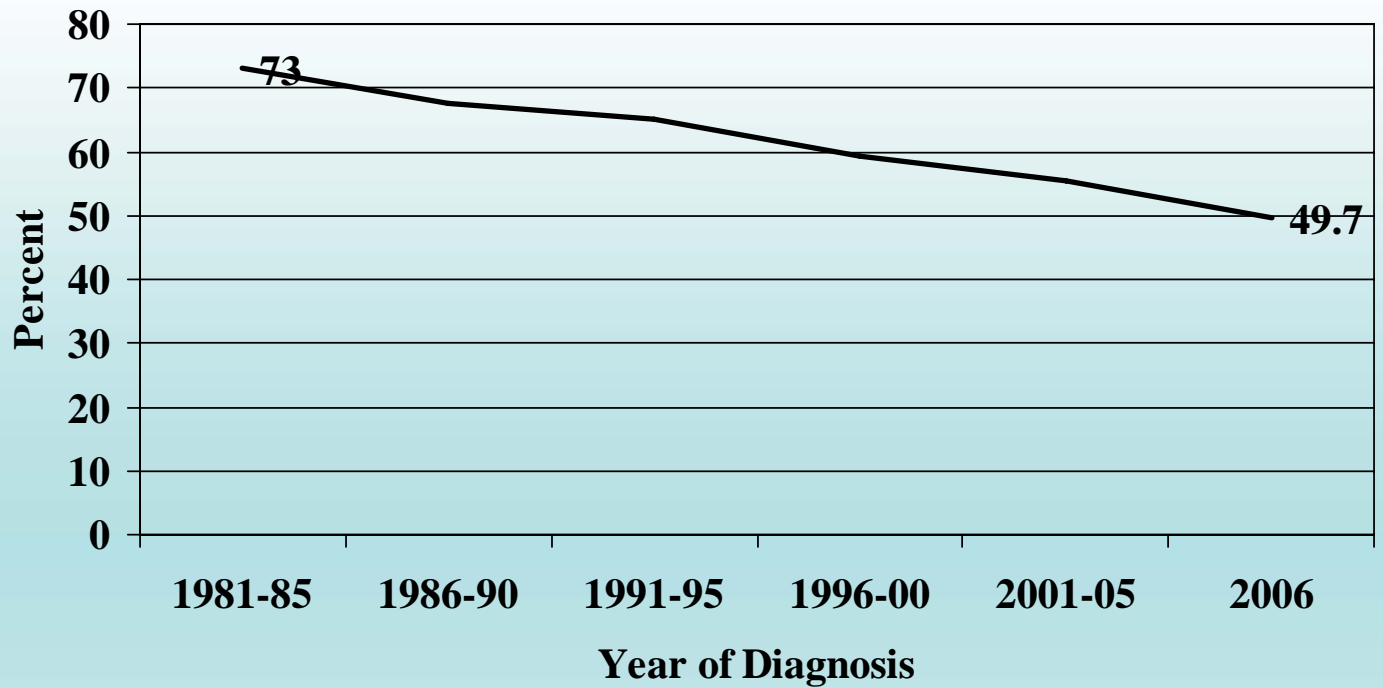


San Diego County AIDS Cases

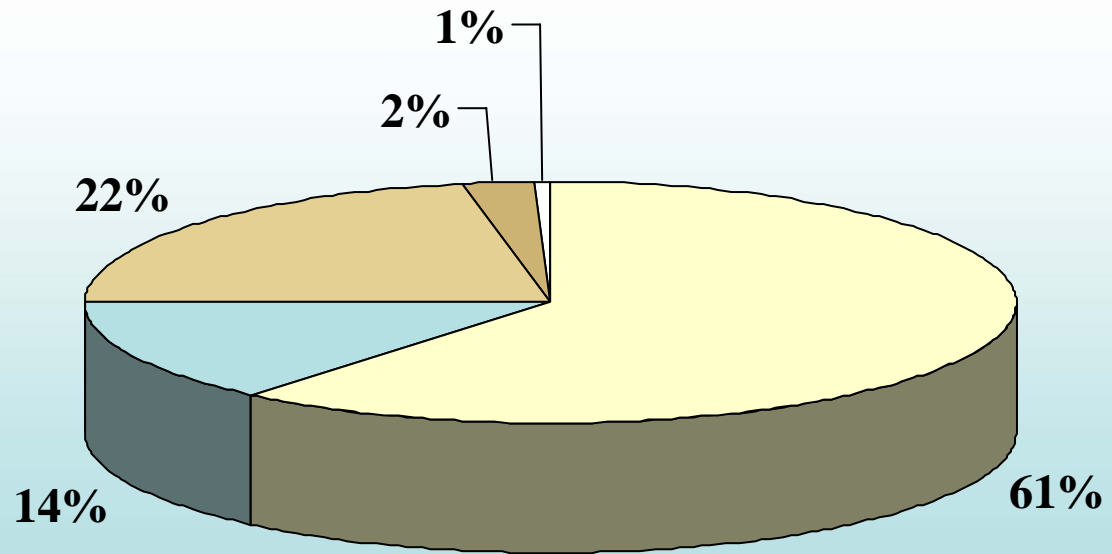
By Region

Reported through December
31, 2006

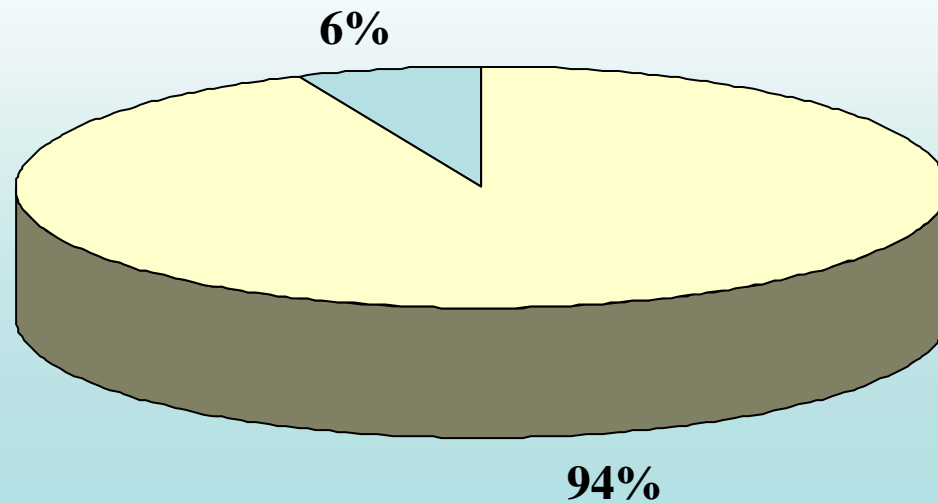
Central San Diego Region



Recent Central San Diego Region AIDS Cases by Race/Ethnicity

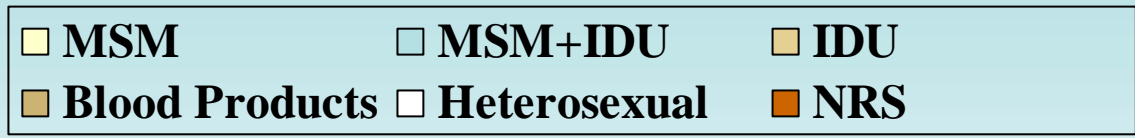
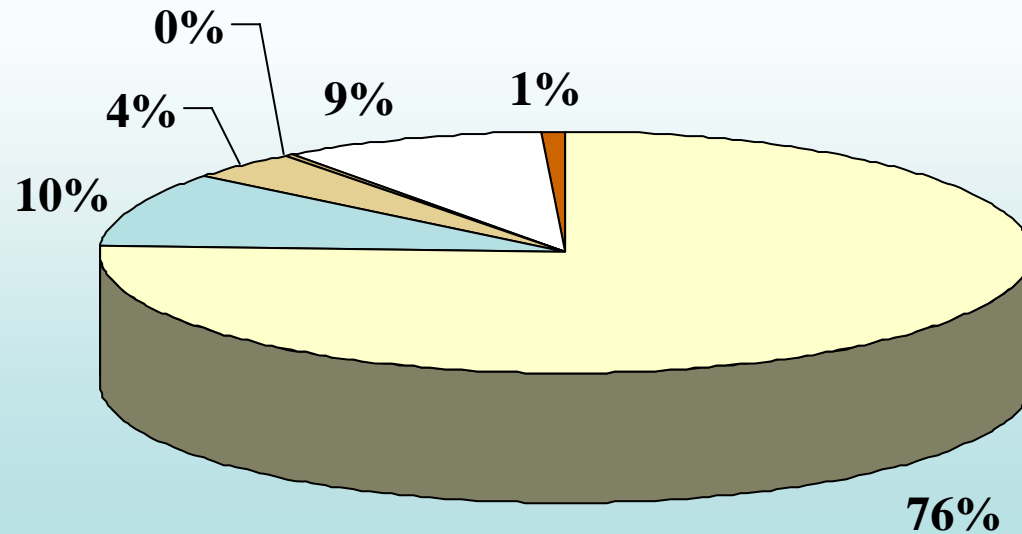


Recent Central San Diego Region AIDS Cases by Gender

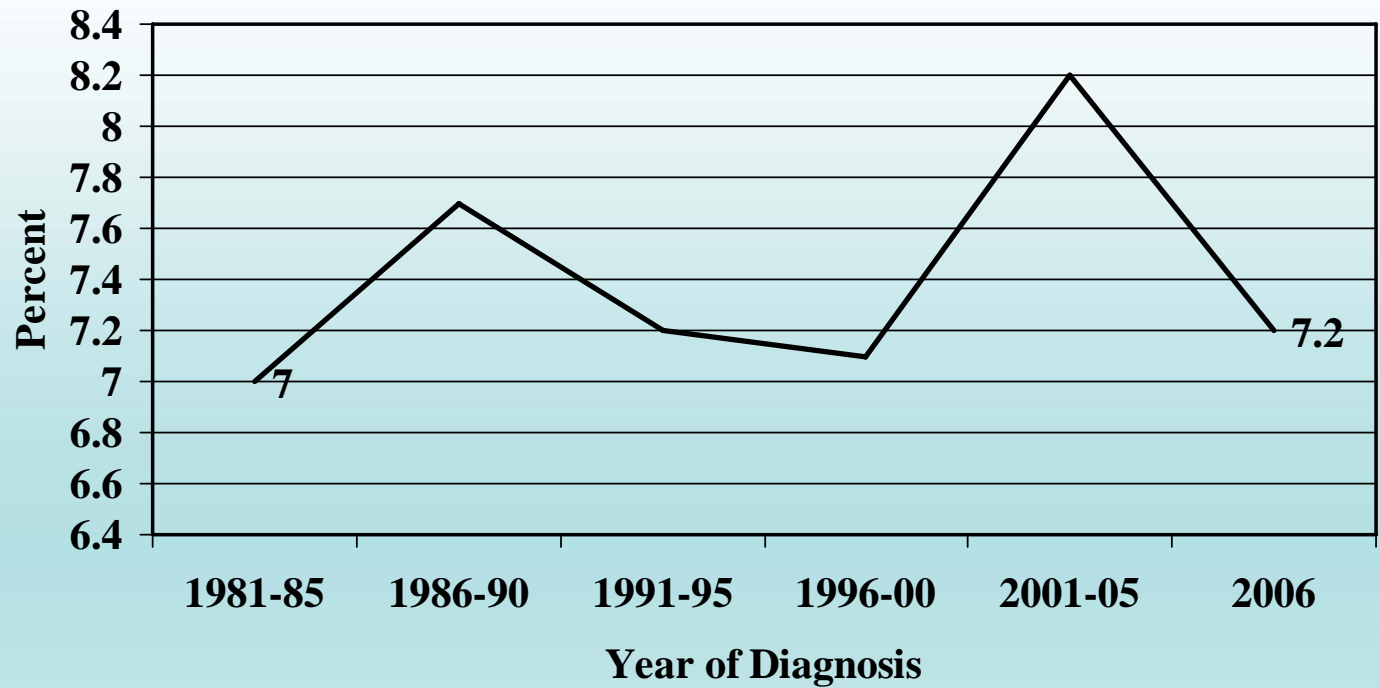


Male Female

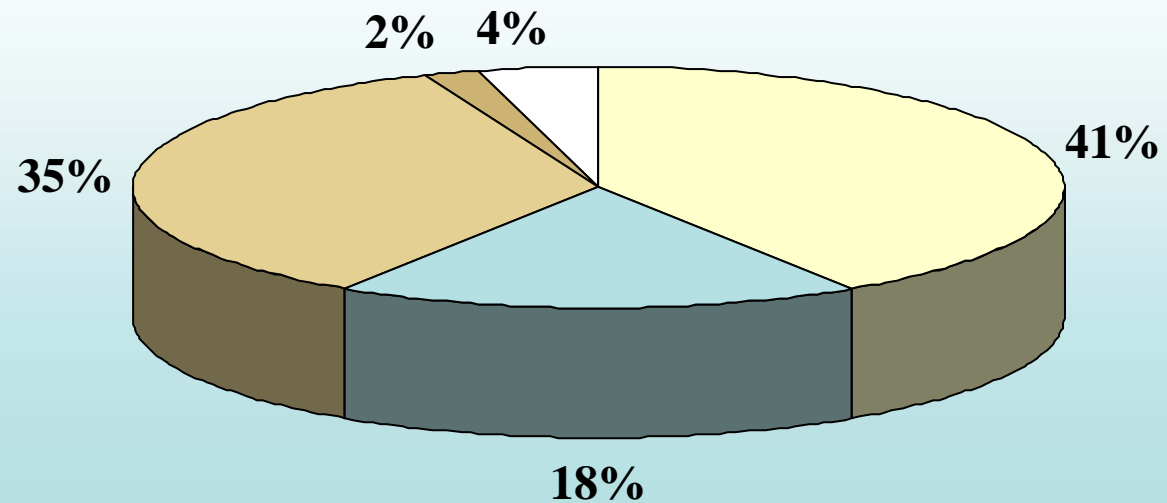
Recent Central San Diego Region Adult/Adolescent AIDS Cases by Mode of Transmission



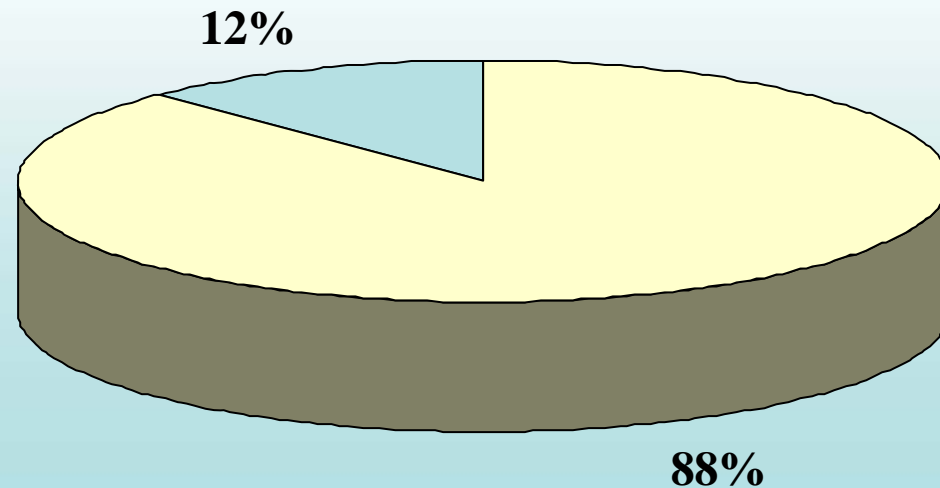
East Region



Recent East Region AIDS Cases by Race/Ethnicity

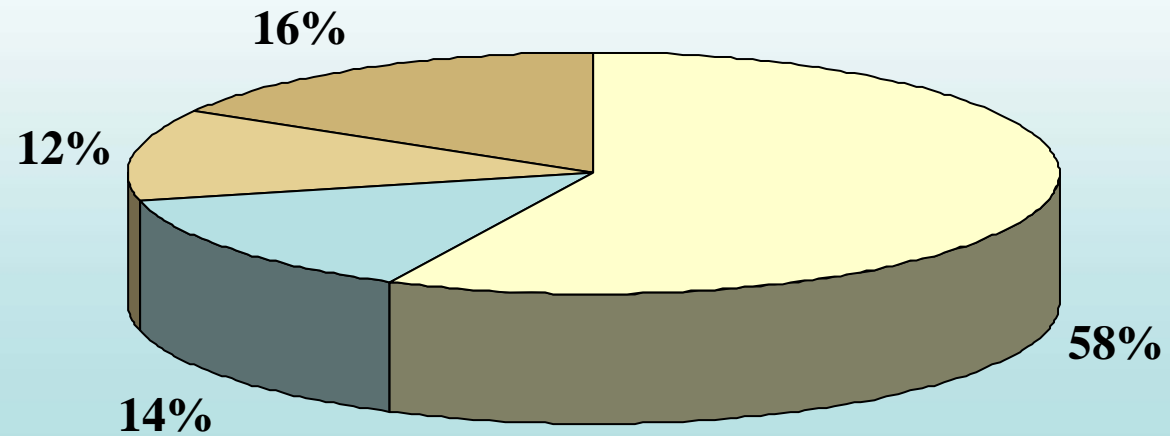


Recent East Region AIDS Cases by Gender



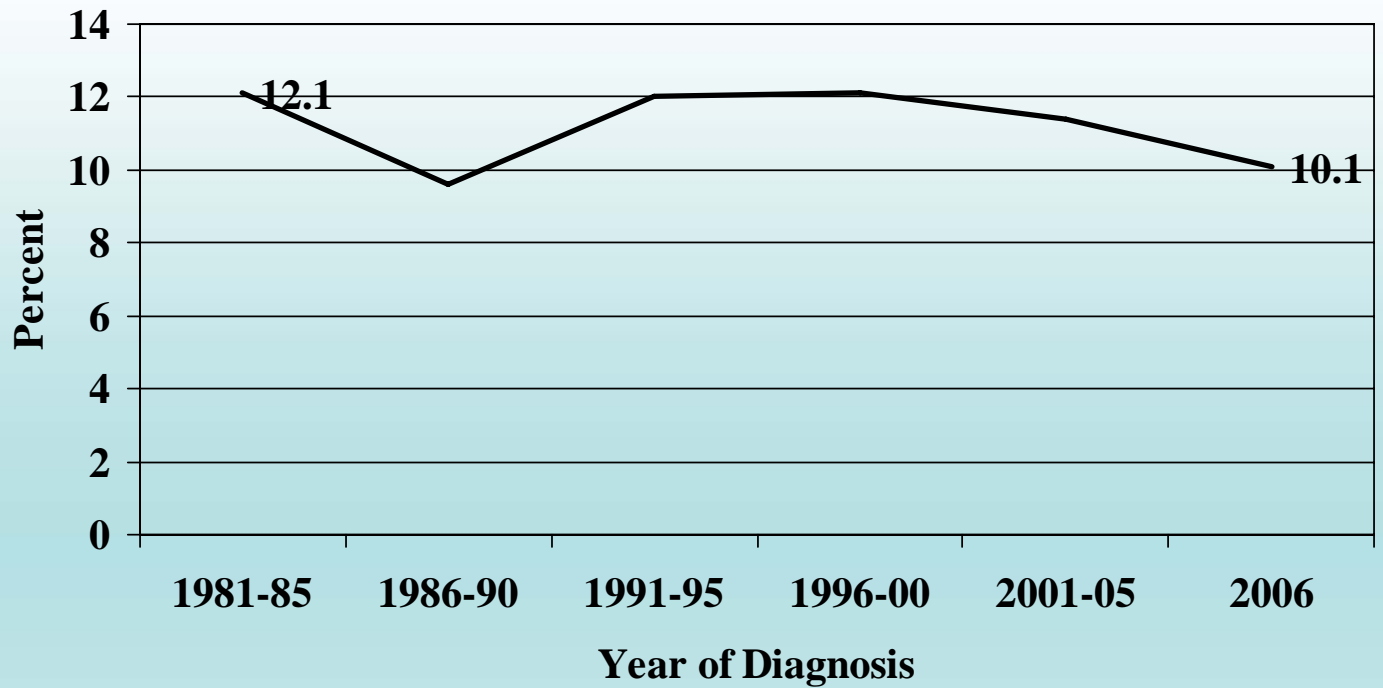
Male Female

Recent East Region Adult/Adolescent AIDS Cases by Mode of Transmission

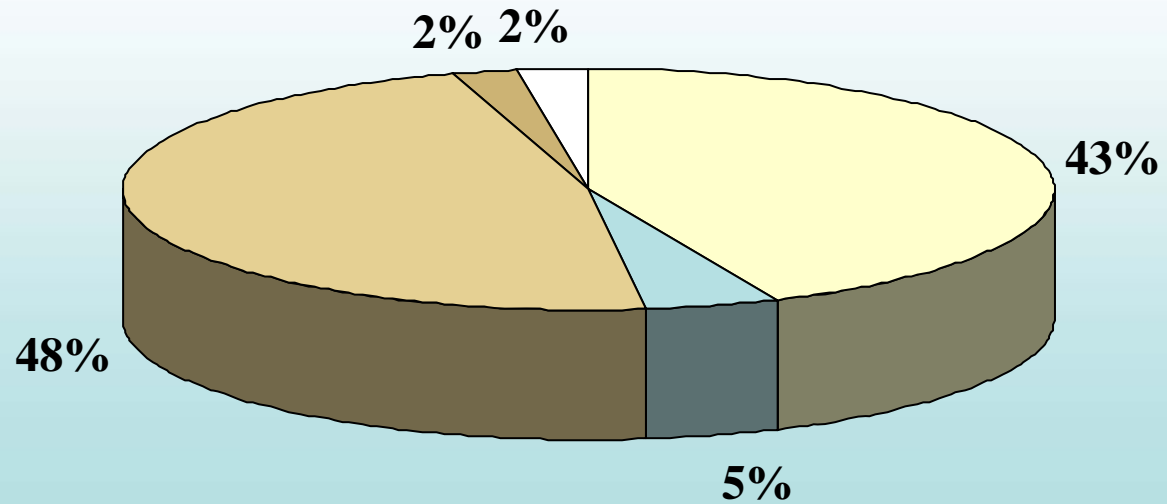


MSM MSM+IDU IDU Heterosexual

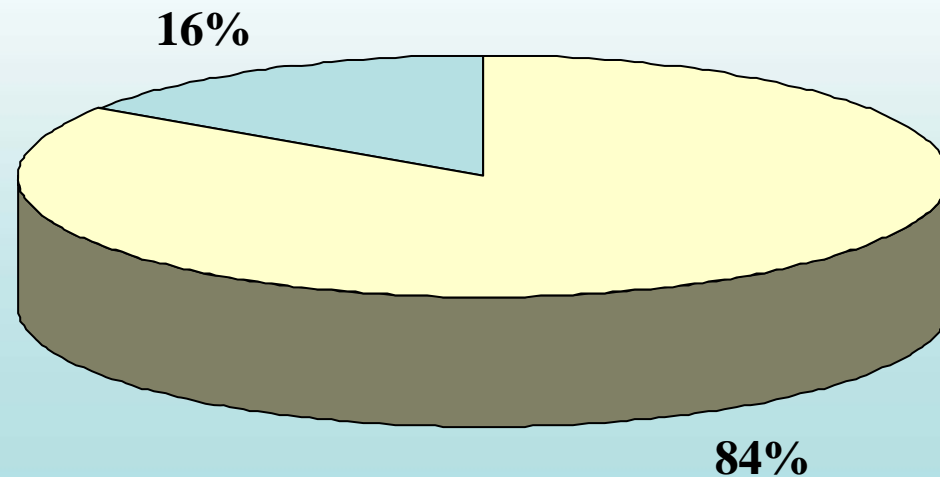
North County Region



Recent North County Region AIDS Case by Race/Ethnicity

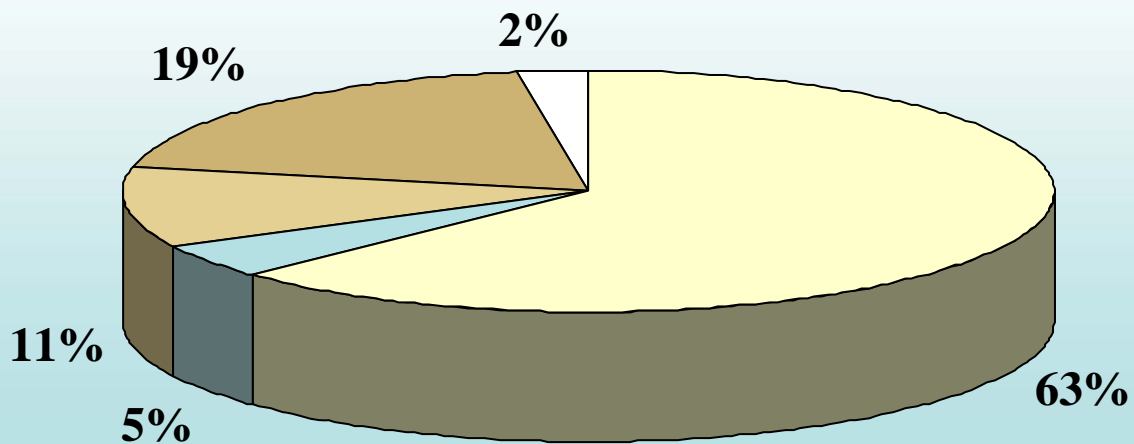


Recent North County Region AIDS Cases by Gender



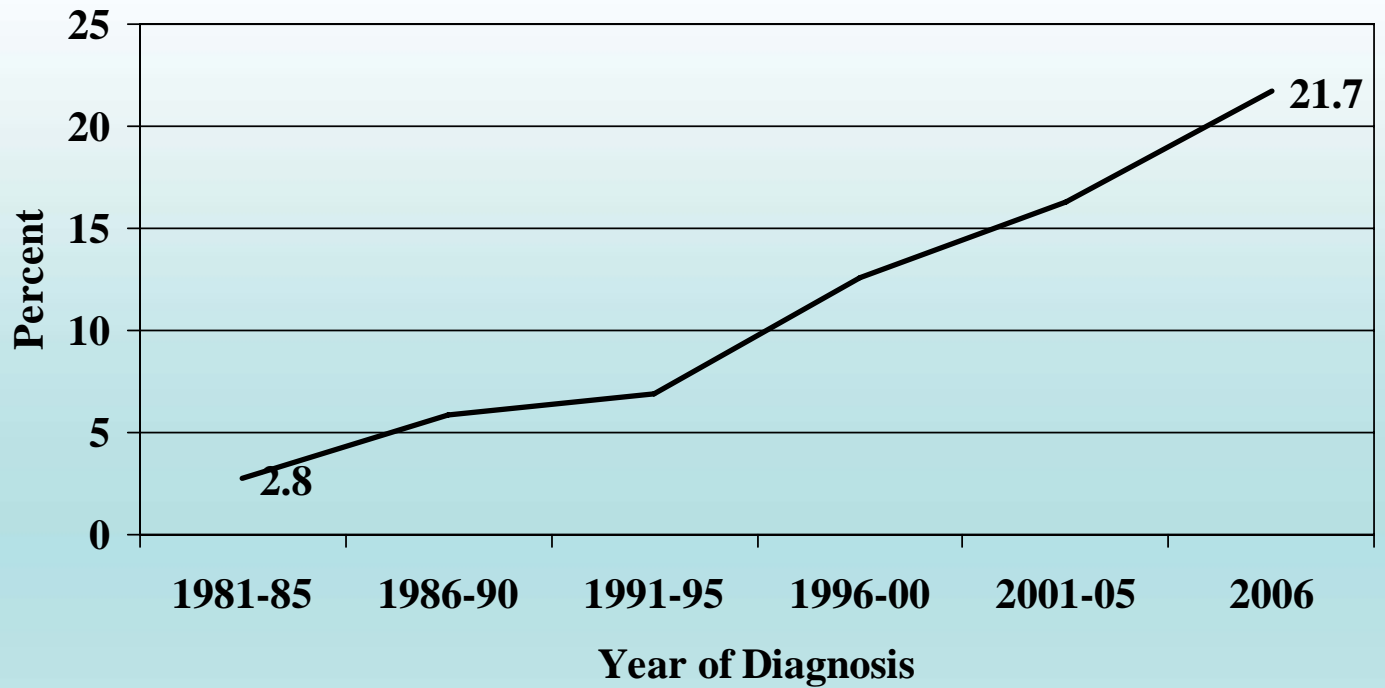
Male Female

Recent North County Region Adult/Adolescent AIDS Cases by Mode of Transmission

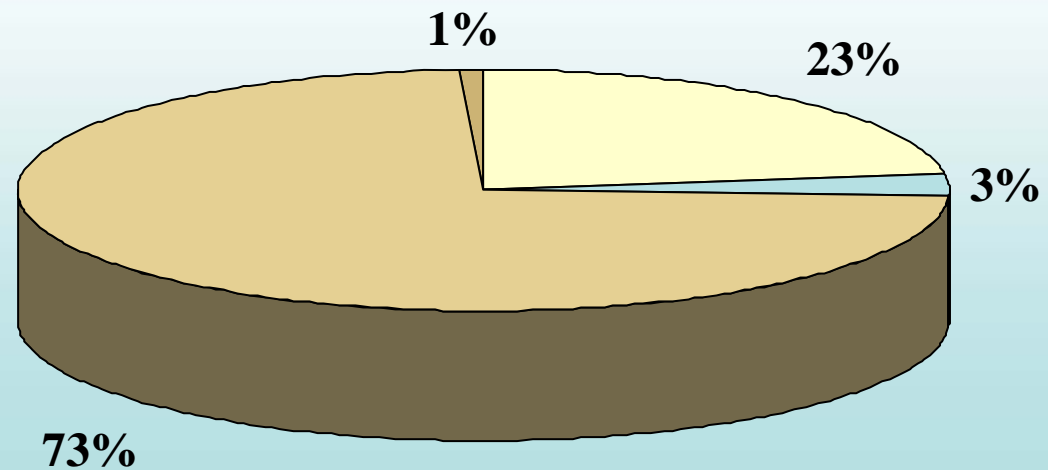


■ MSM ■ MSM+IDU ■ IDU ■ Heterosexual ■ NRS

South Bay Region

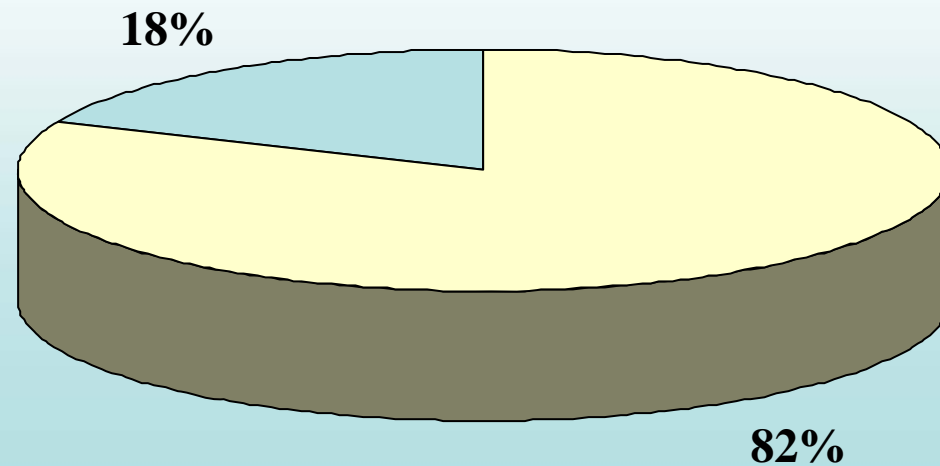


Recent South Bay Region AIDS Cases by Race/Ethnicity



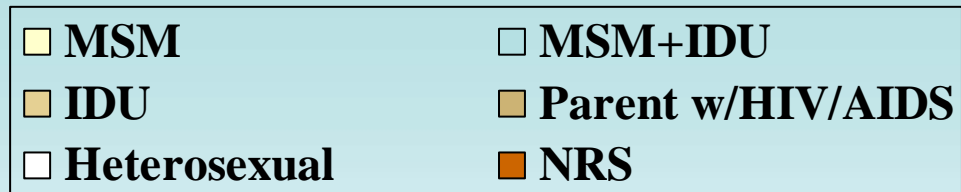
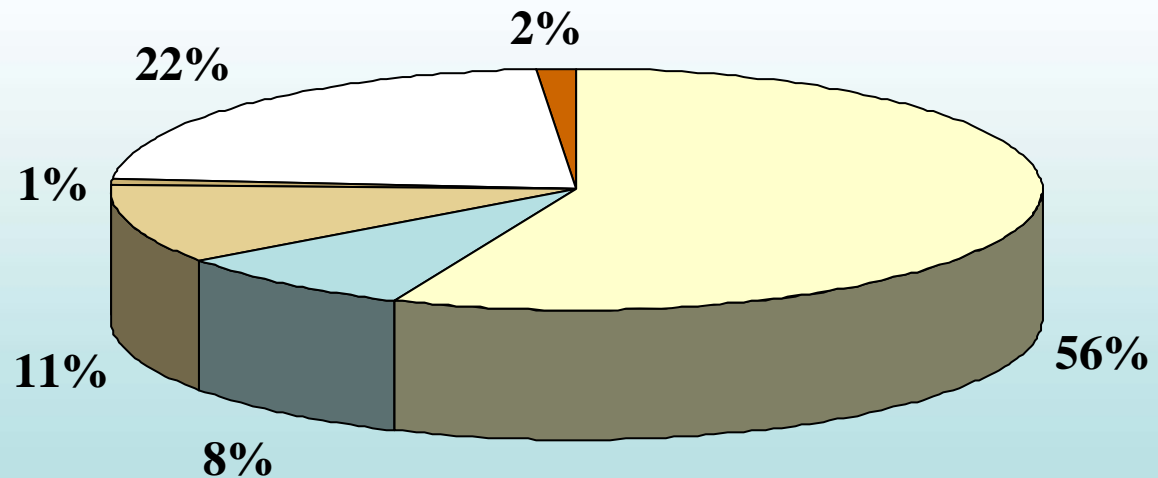
White Black Hispanic Asian/Pac Islander

Recent South Bay Region AIDS Cases by Gender

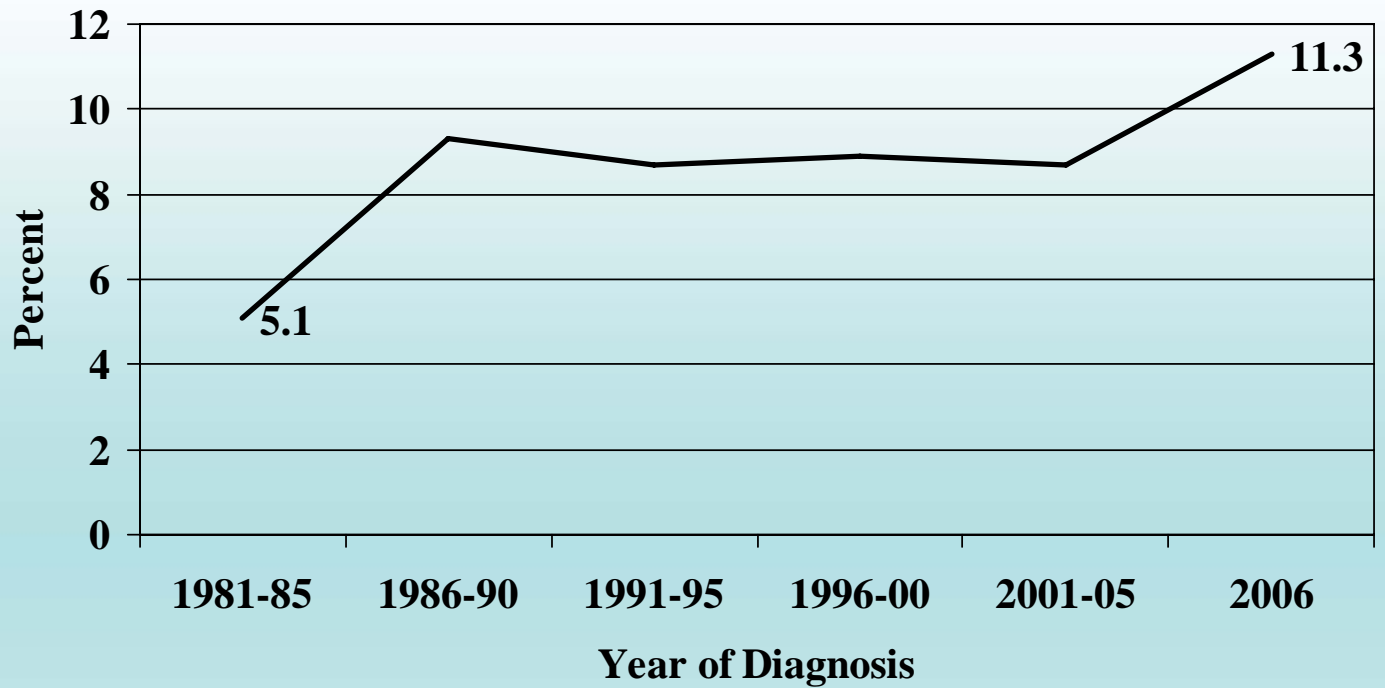


Male Female

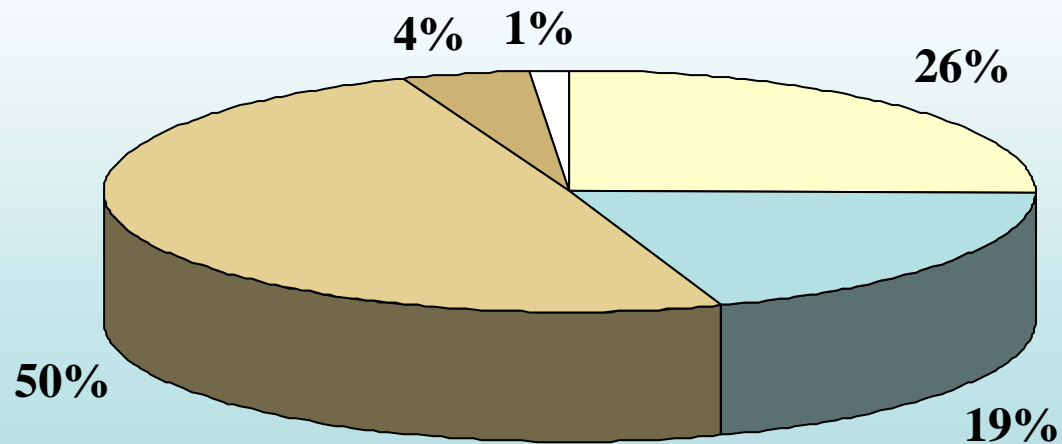
Recent South Bay Region Adult/Adolescent AIDS Cases by Mode of Transmission



Southeast San Diego Region

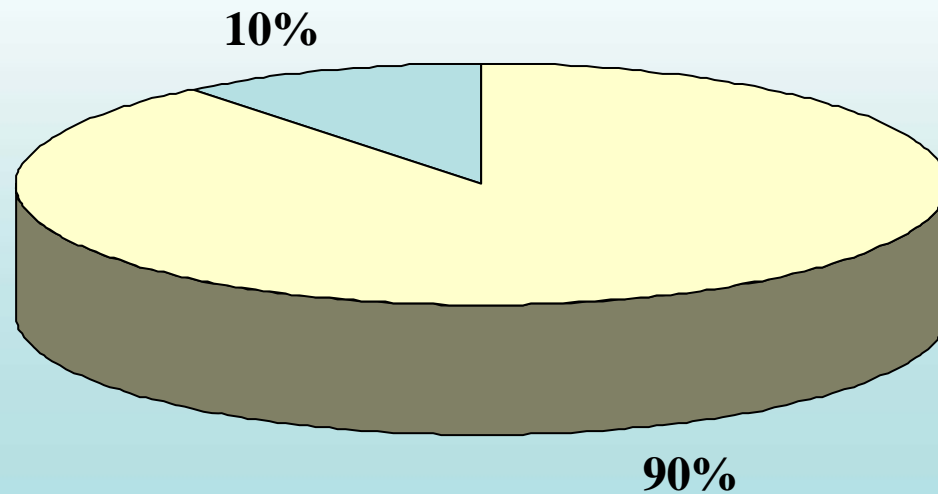


Recent Southeast San Diego Region AIDS Cases by Race/Ethnicity



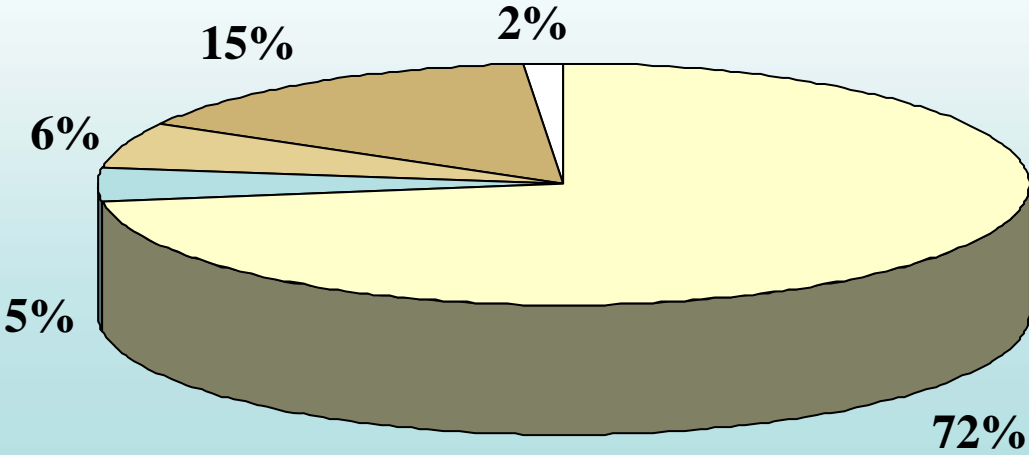
White **Black** **Hispanic**
Asian/Pac Islander **Native American**

Recent Southeast San Diego Region AIDS Cases by Gender



Male Female

Recent Southeast San Diego Region Adult/ Adolescent AIDS Cases by Mode of Transmission

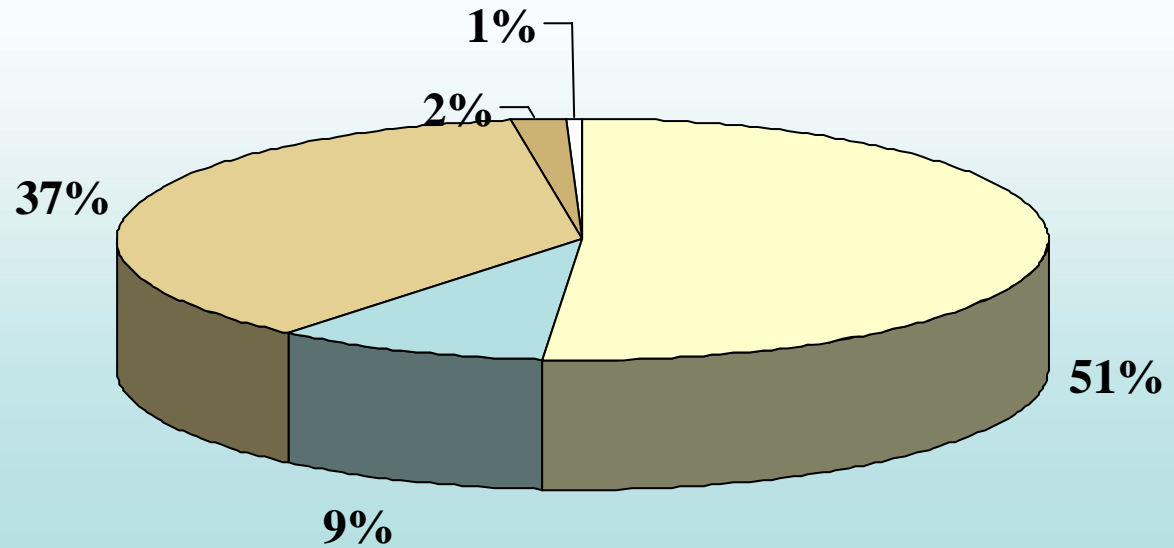


MSM MSM+IDU IDU Heterosexual NRS

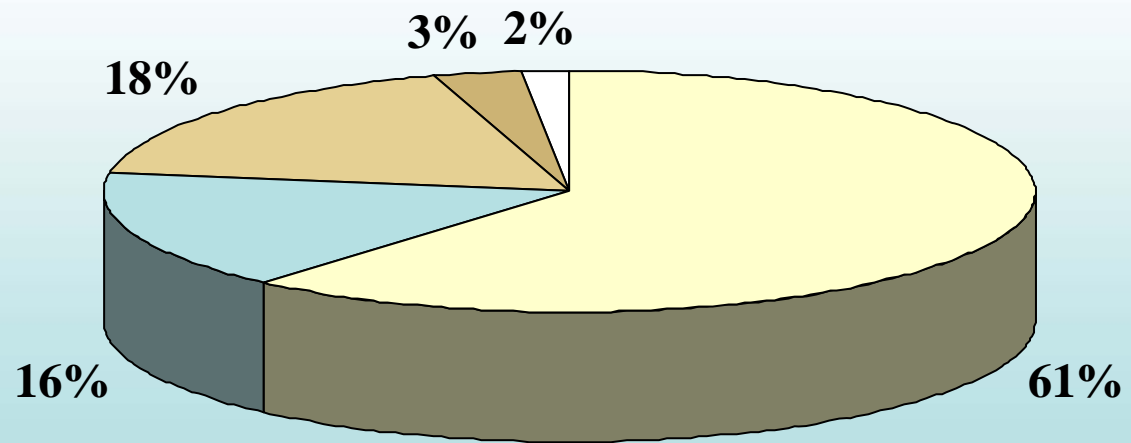
Selected Characteristics of Interest

AIDS Cases Reported through
December 31, 2006

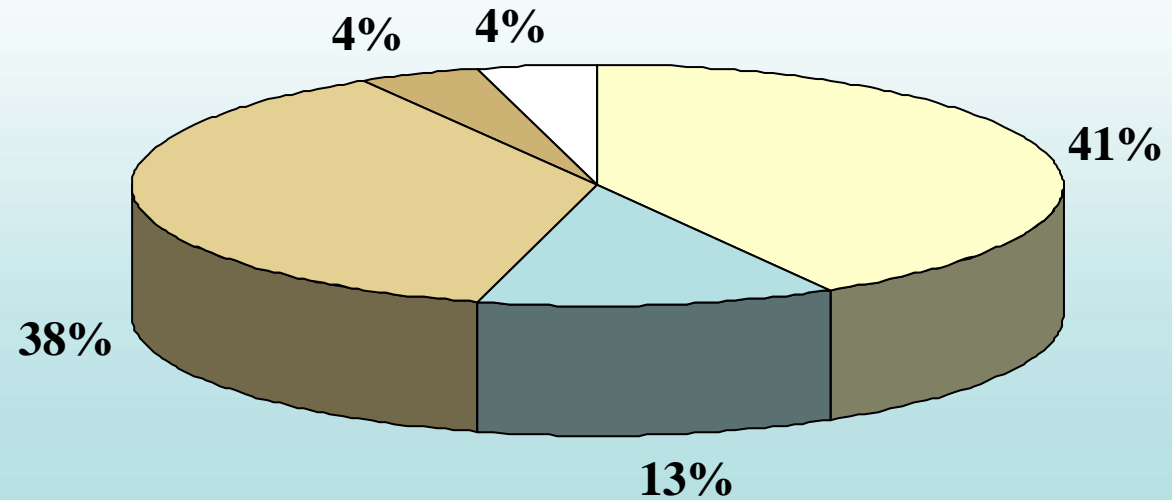
Recent MSM Cases by Race/Ethnicity



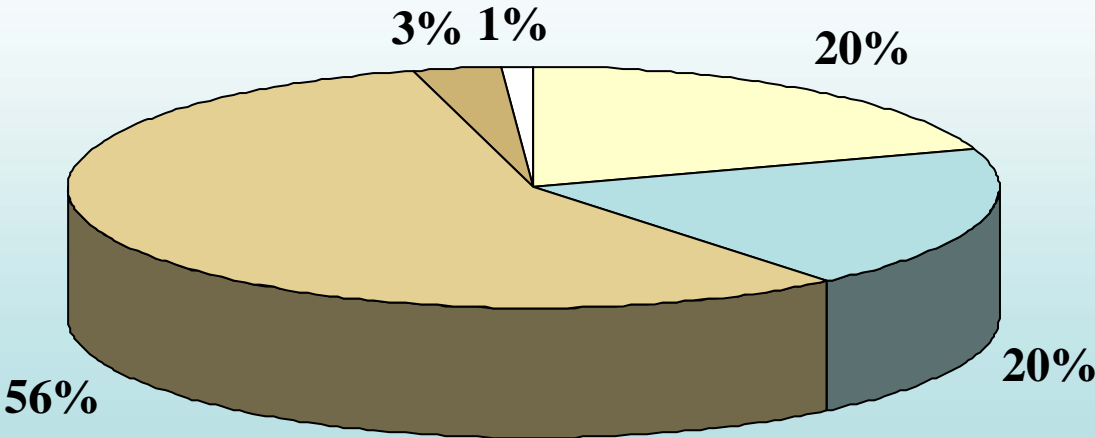
Recent MSM+IDU Cases by Race/Ethnicity



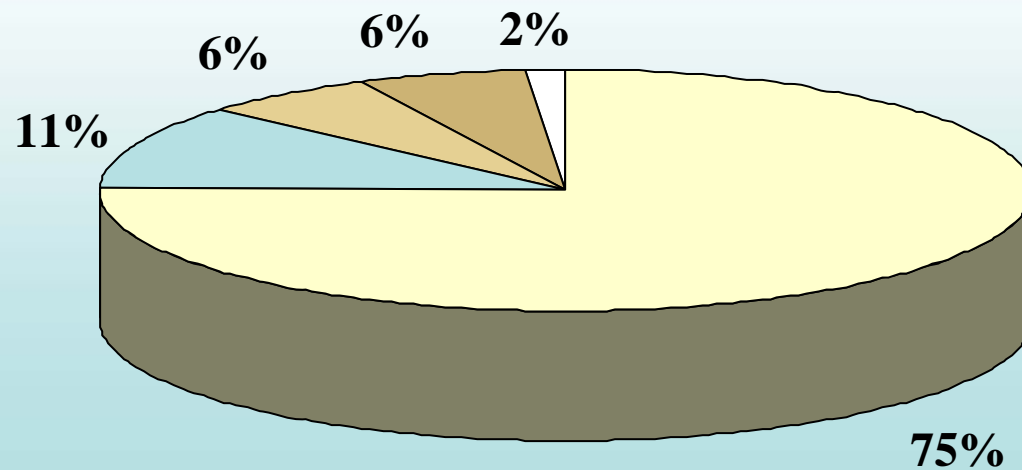
Recent IDU Cases by Race/Ethnicity



Recent Heterosexual Cases by Race/Ethnicity

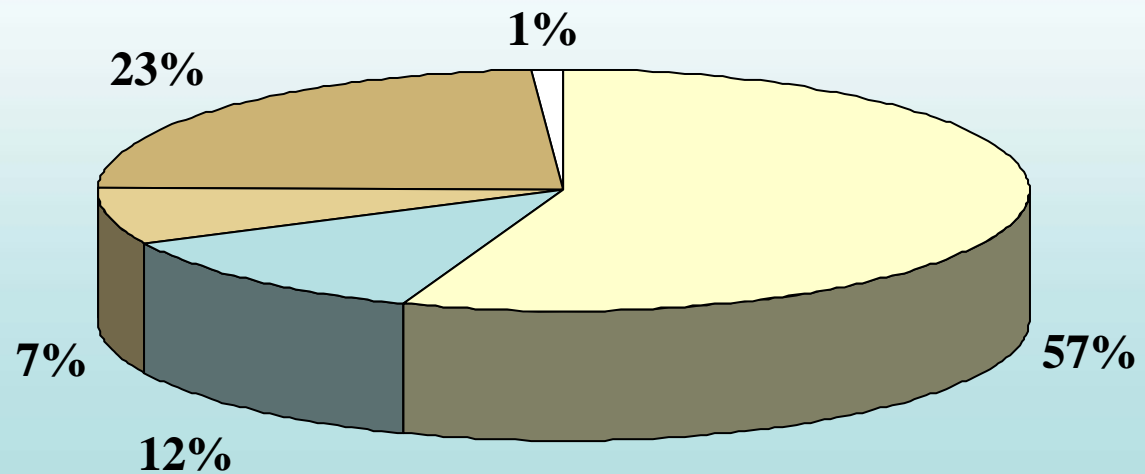


Recent White Adult/Adolescent AIDS Cases by Mode of Transmission



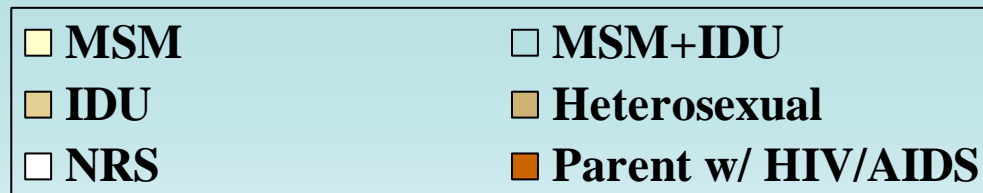
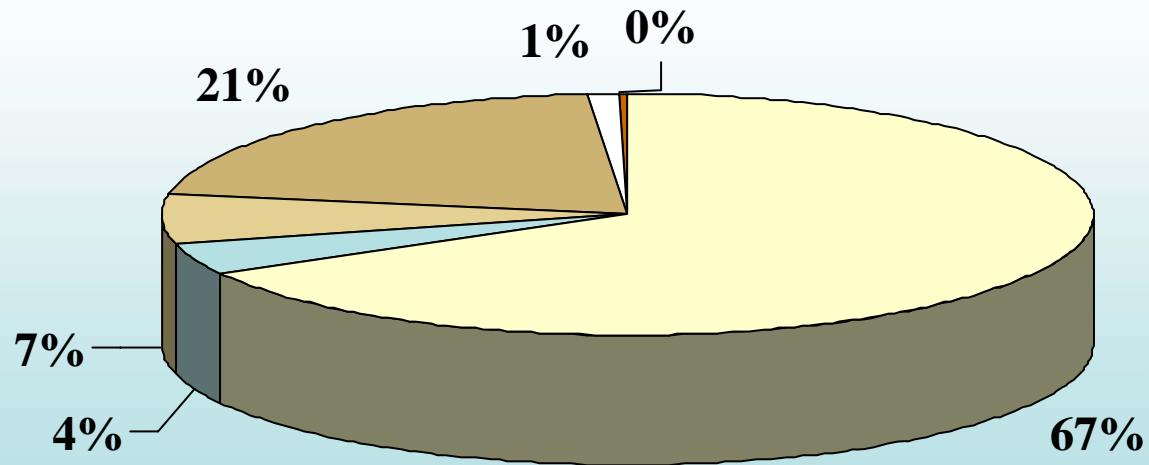
■ MSM ■ MSM+IDU ■ IDU ■ Heterosexual ■ NRS

Recent Black Adult/Adolescent AIDS Cases by Mode of Transmission

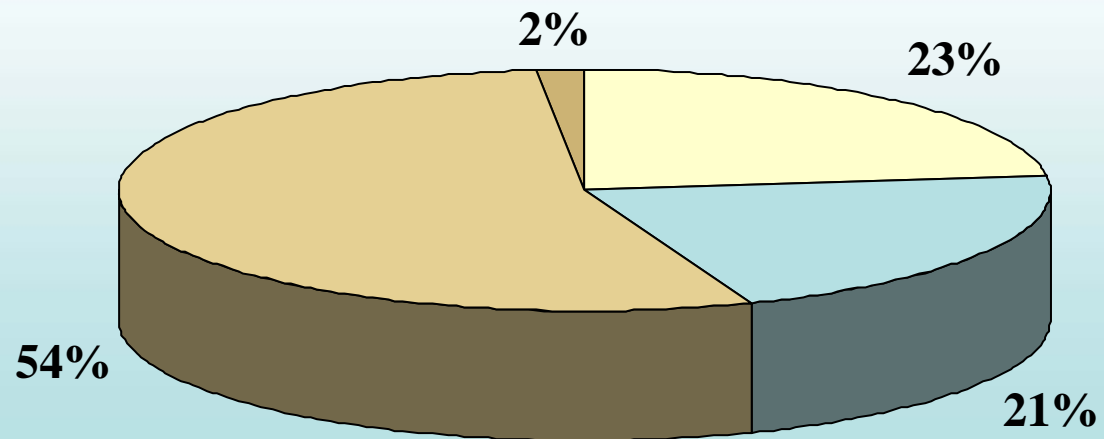


■ MSM ■ MSM+IDU ■ IDU ■ Heterosexual ■ NRS

Recent Hispanic Adult/Adolescent AIDS Cases by Mode of Transmission

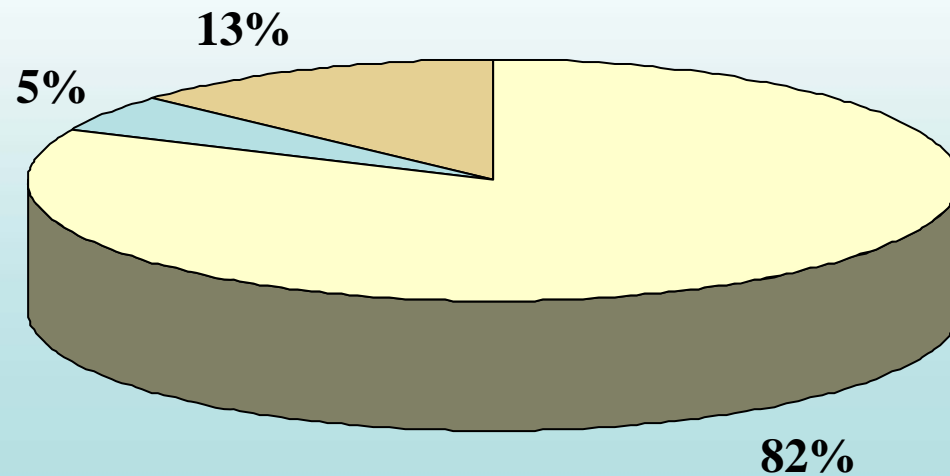


Cumulative Pediatric AIDS Case by Race/Ethnicity



White Black Hispanic Asian/Pac Islander

Cumulative Pediatric AIDS Cases by Mode of Transmission

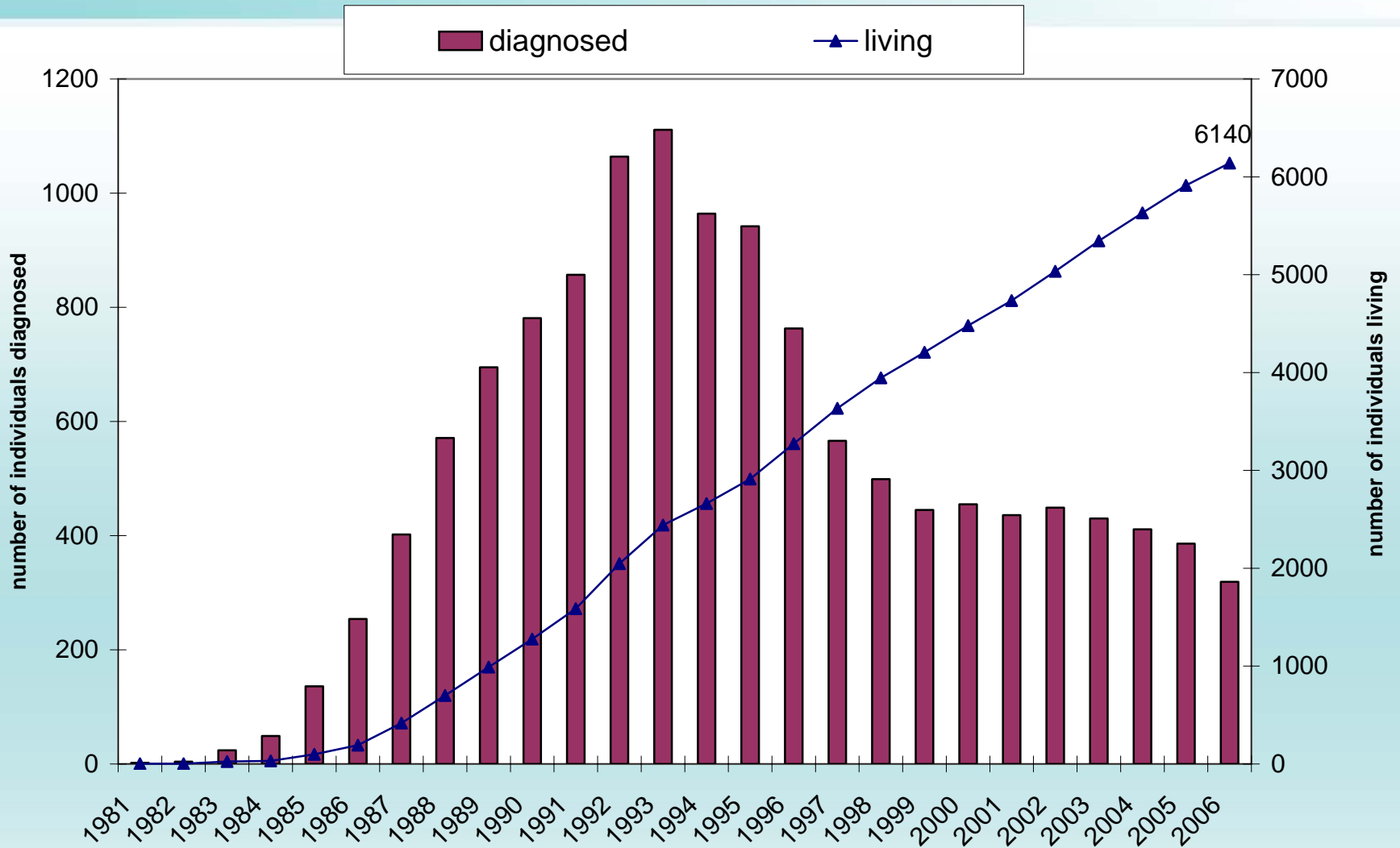


Parent w/ HIV/AIDS **Hemophilia** **Transfusion**

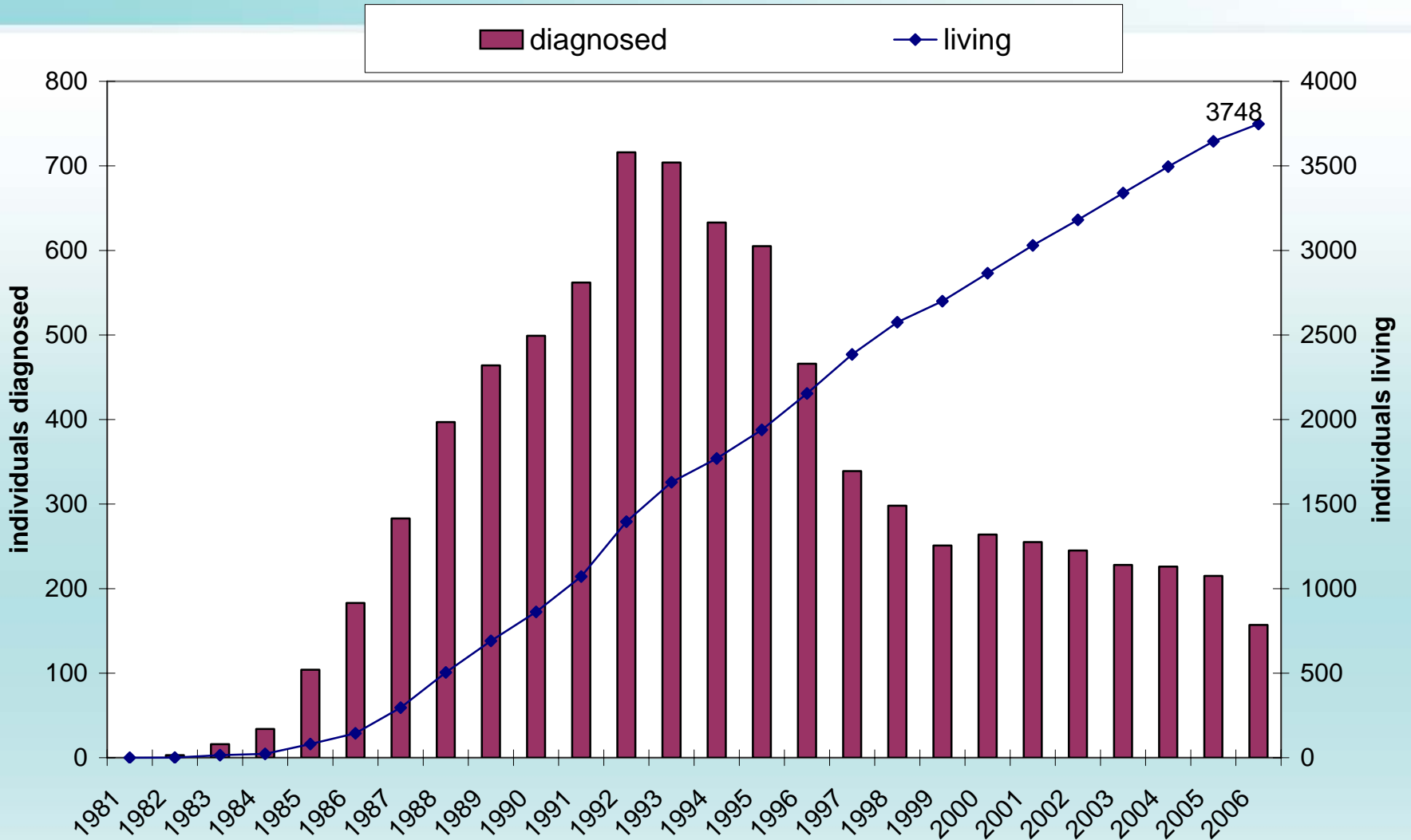
San Diego County AIDS Cases

Living with AIDS at Year's End by Region
Reported through December 31, 2006

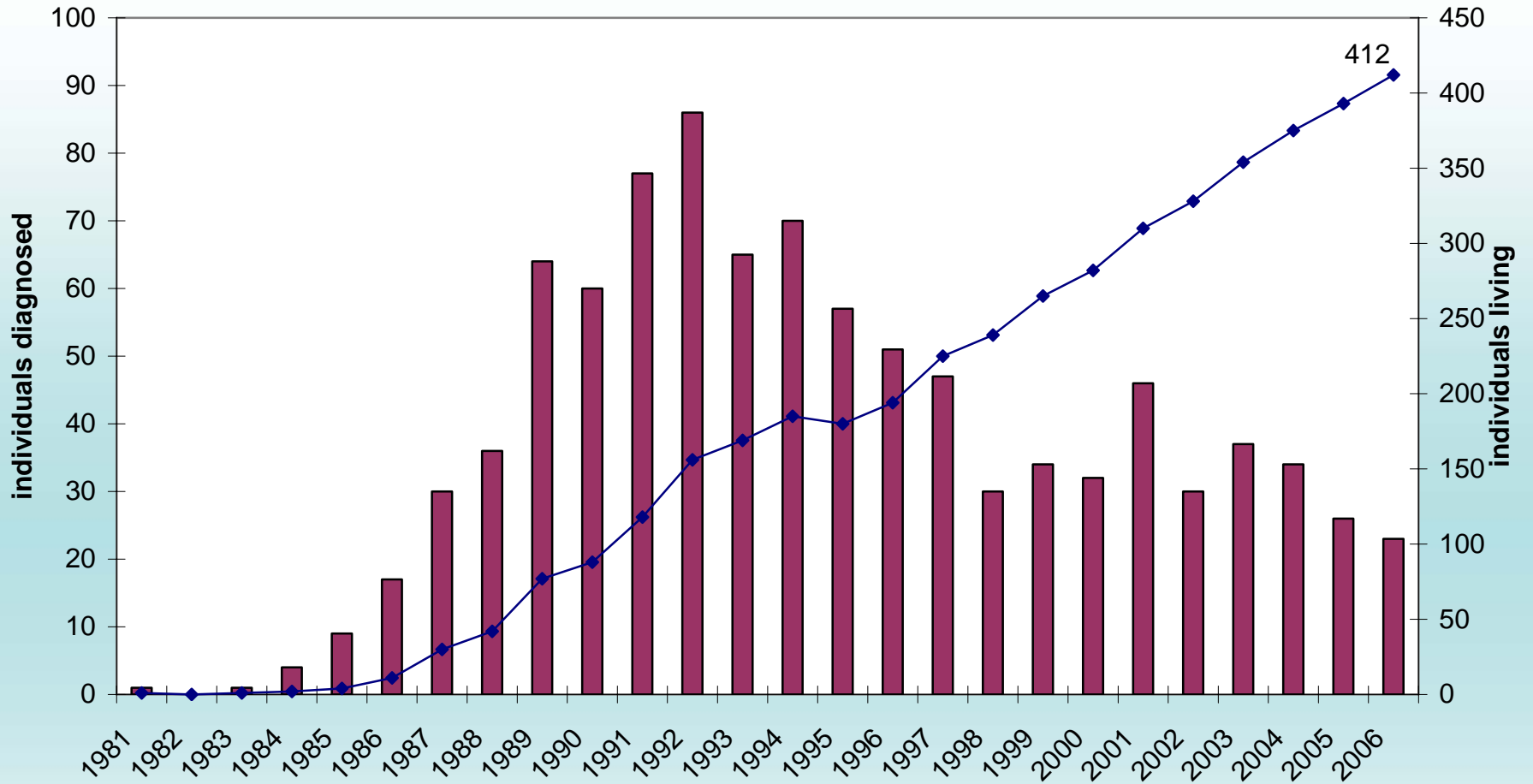
County of San Diego - Individuals Diagnosed and Living with AIDS



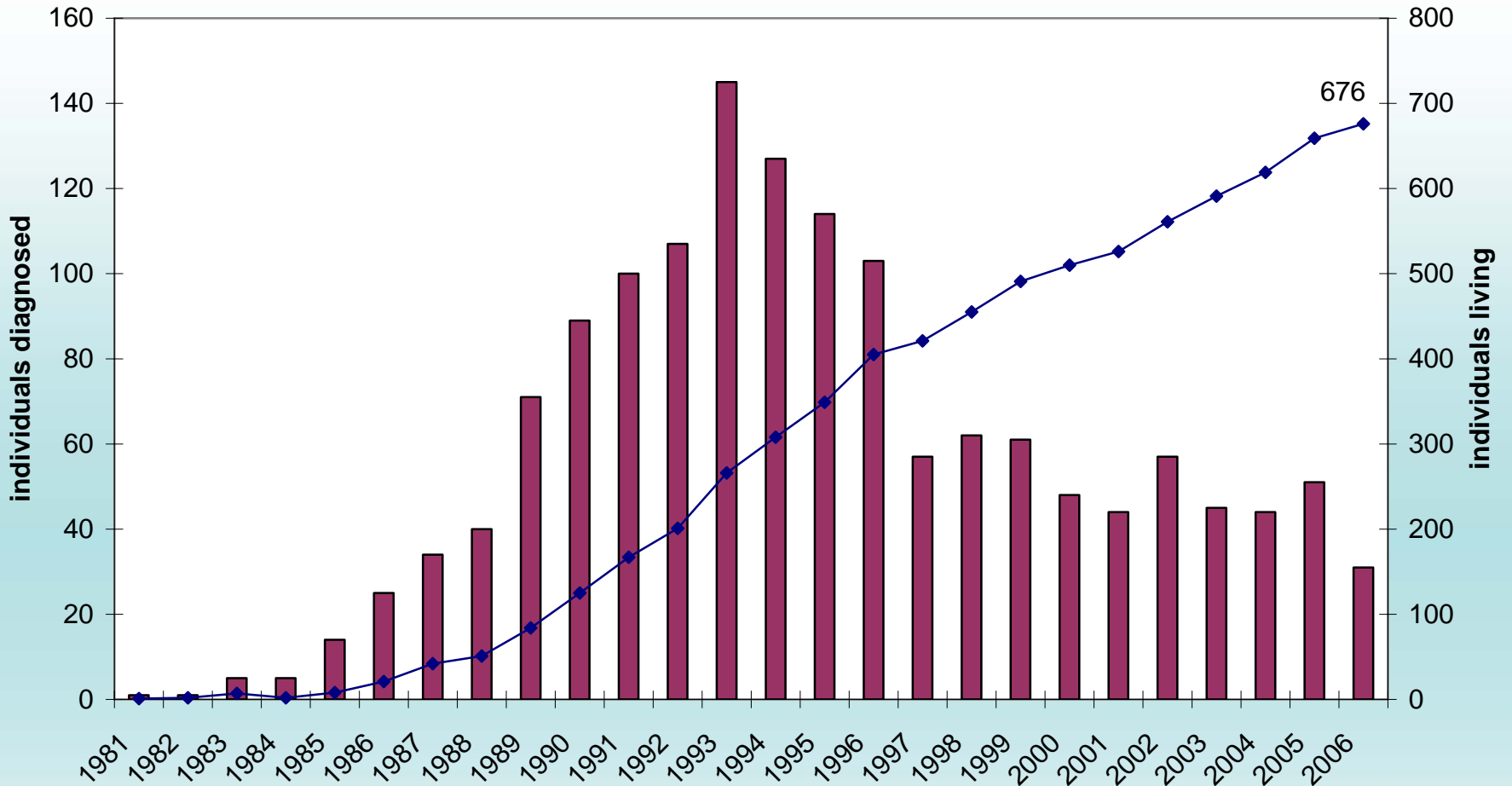
HSHB Central Region - Individuals Diagnosed and Living with AIDS



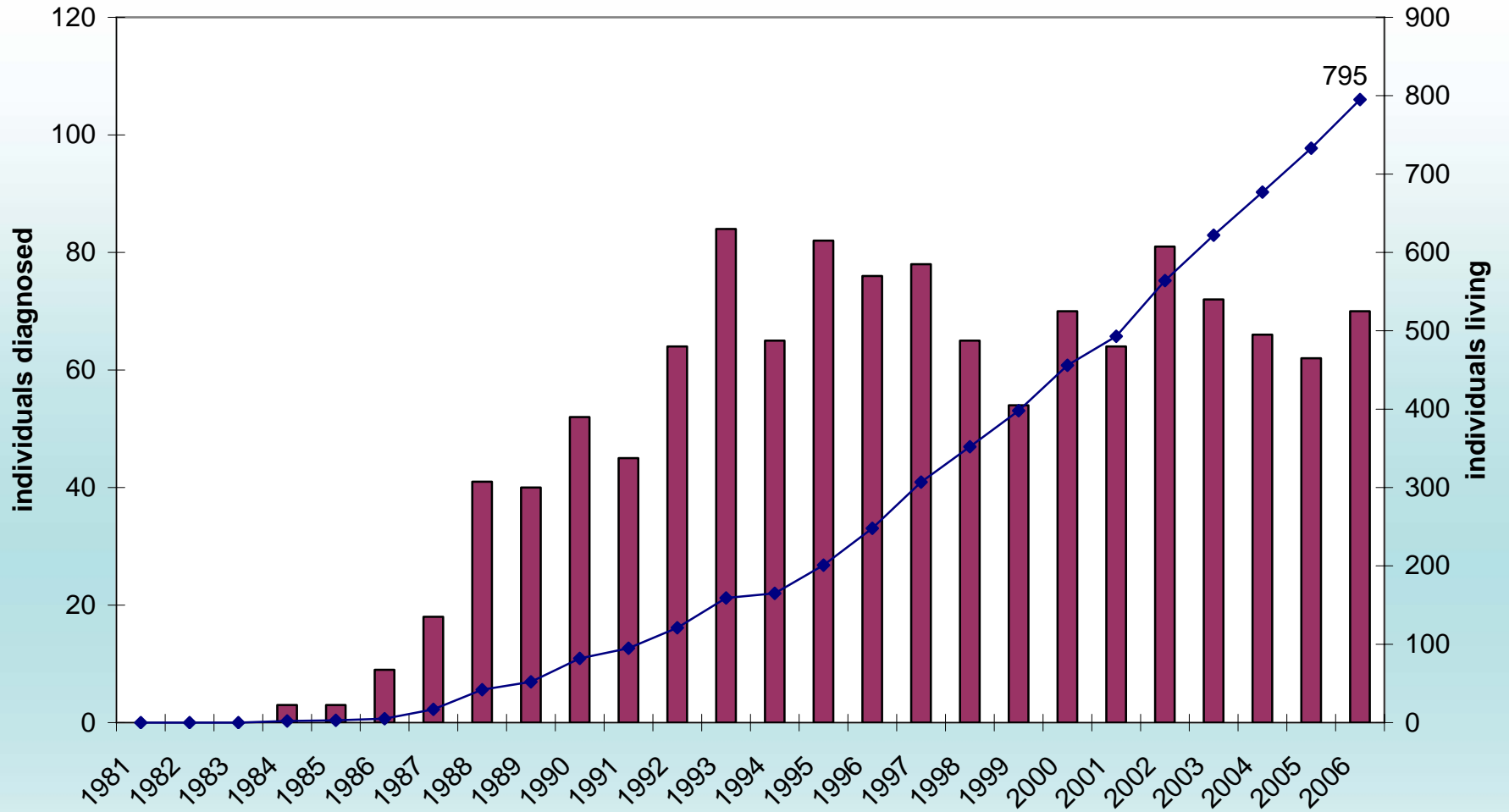
HSHB East Region - Individuals Diagnosed and Living with AIDS



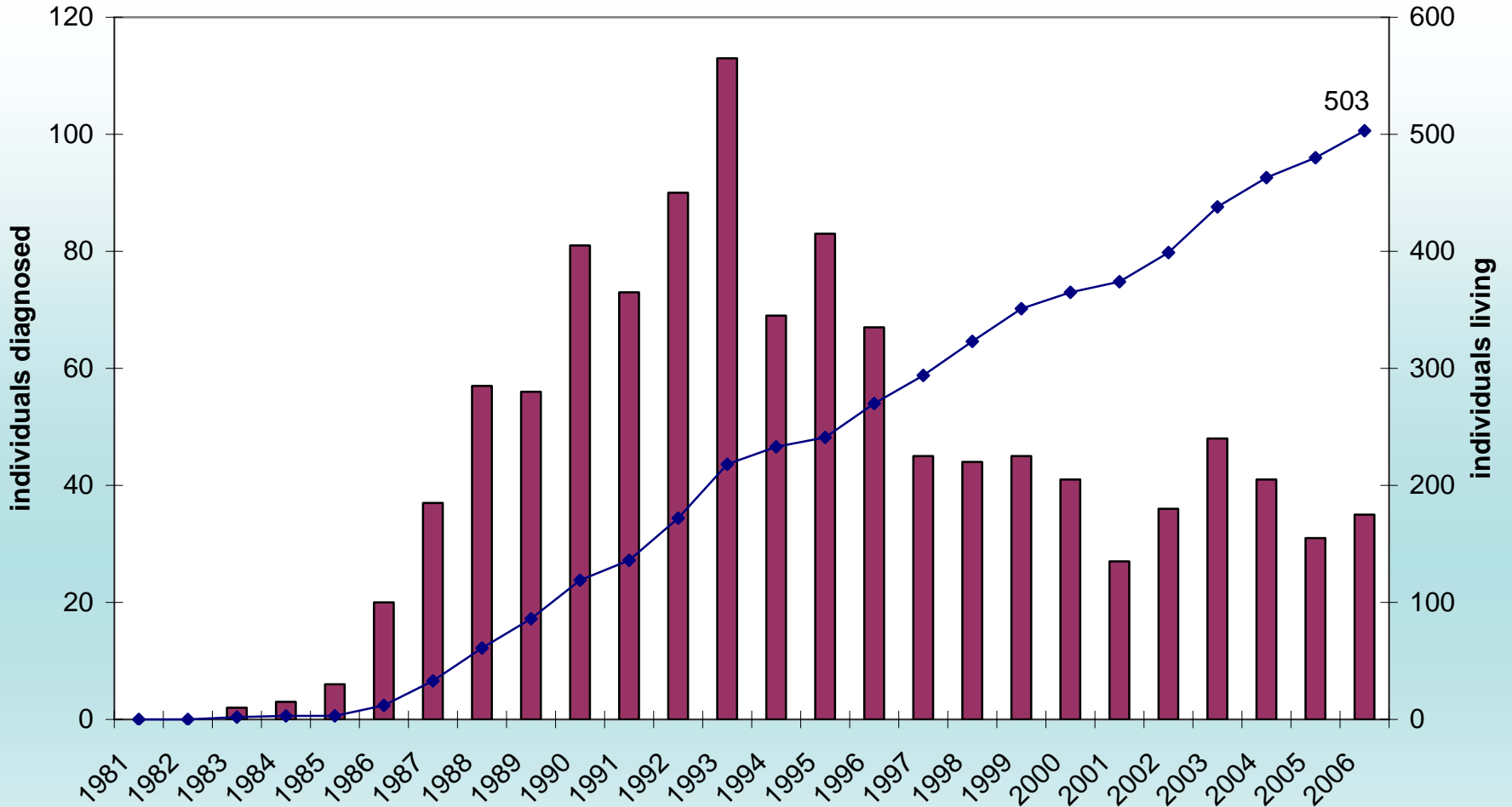
HSHB North Region - Individuals Diagnosed and Living with AIDS



HSHB South Bay Region - Individuals Diagnosed and Living with AIDS at Year End



HSHB Southeast Region - Individuals Diagnosed with and Living with AIDS



Summary

- As of December 31, 2006, 13014 AIDS cases have been reported
- Since 1999 there has been a “leveling off” in the decrease of the number of new AIDS cases by year of diagnosis
- People of Color are the majority of AIDS cases in recent years
- Blacks have the highest rate per 100,000; Hispanics have had the second highest rate since the mid-90's
- MSM continues to be the transmission category with the greatest number of cases for men

Summary (continued)

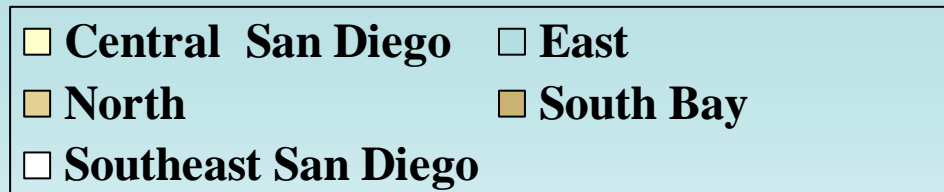
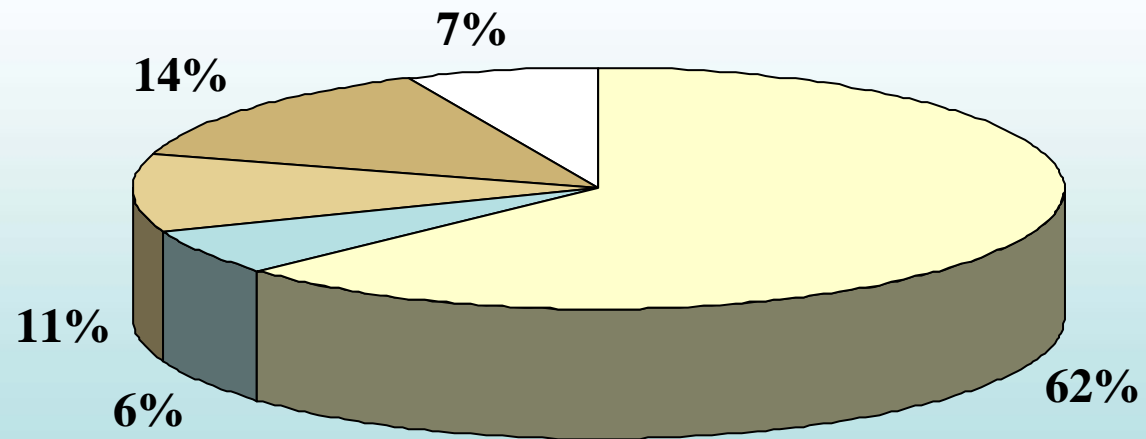
- Heterosexual transmission continues to be the transmission category with the greatest number of cases for women
- Central San Diego continues to be the region with the greatest number of AIDS cases
- South Bay continues to be the region with the second greatest number of AIDS cases
- Women account for >10% of cases in all regions except for Central San Diego
- While the number of new AIDS cases has decreased or leveled off since 1993, the number of people living with AIDS continues to increase each year

HIV

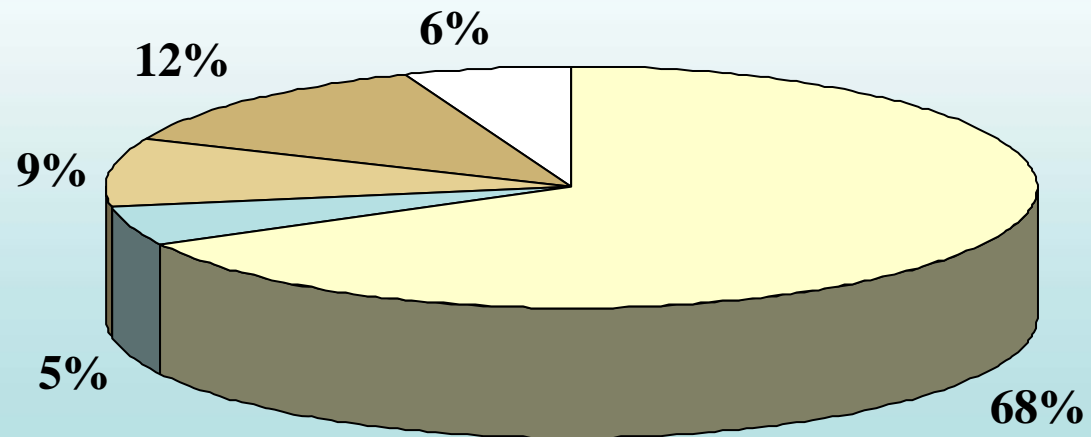
Notes

- Names based HIV reporting began on April 17, 2006
- Test indicative of HIV are reportable to the LHJ
- As of December 31, 2006
 - San Diego has reported 1326 HIV (not-AIDS) cases
 - Los Angeles has reported 2184 HIV cases
 - San Francisco has reported 2451 HIV cases
 - California has reported 7778 HIV cases
- Data should not be generalized
 - Reflects only those cases that have been reported under the requirement of SB 699 (Names-based HIV reporting)
- Anonymous testing exempt from reporting

Proportion of HIV Cases by Region

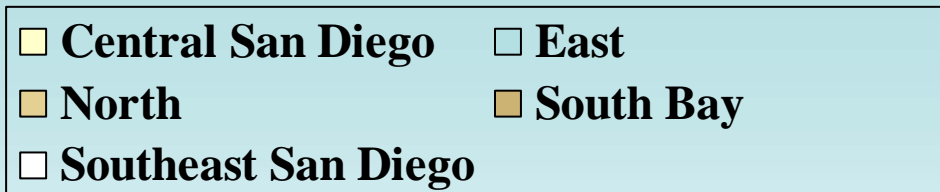
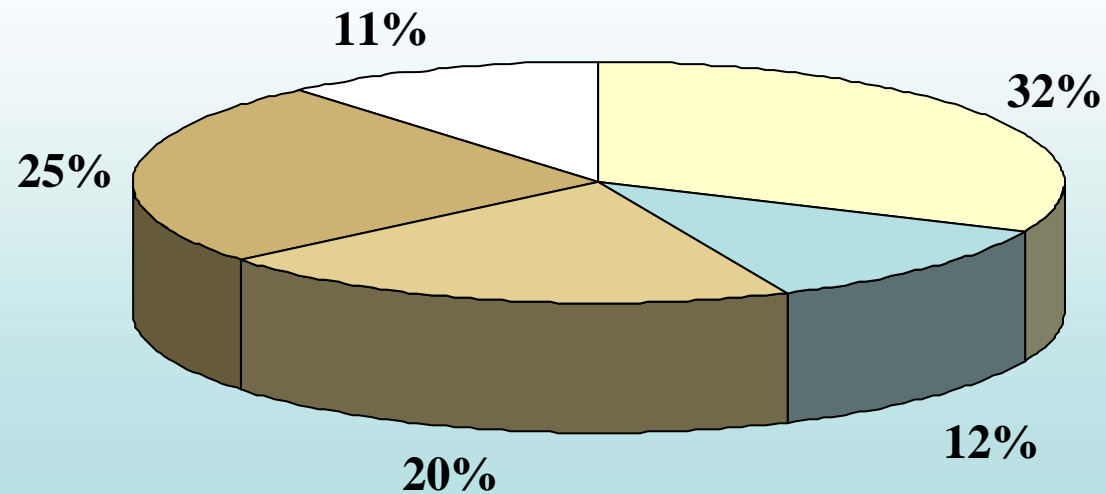


Proportion of Male HIV Cases by Region

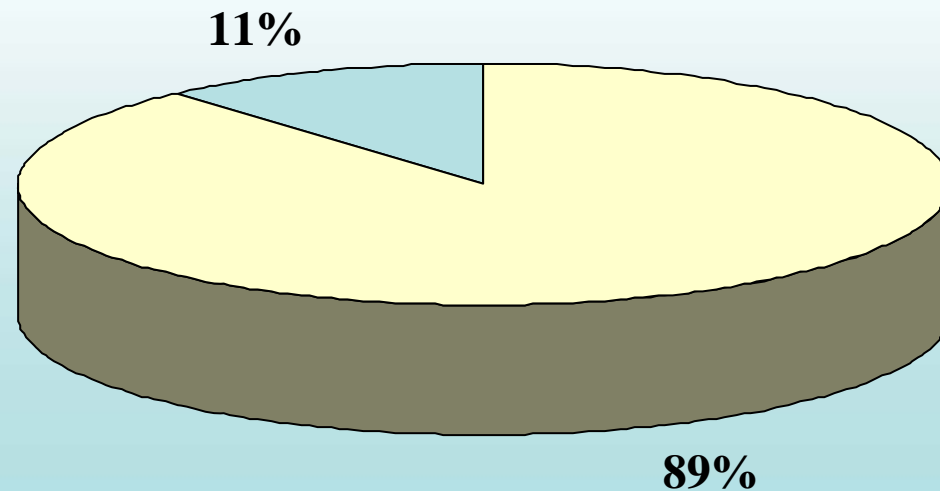


■ Central San Diego ■ East ■ North ■ South Bay ■ Southeast

Proportion of Female HIV Cases by Region

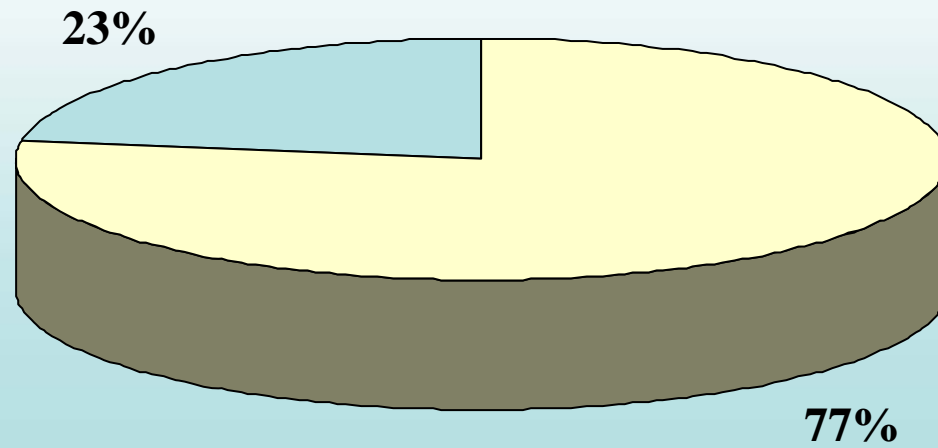


Countywide HIV Cases by Gender



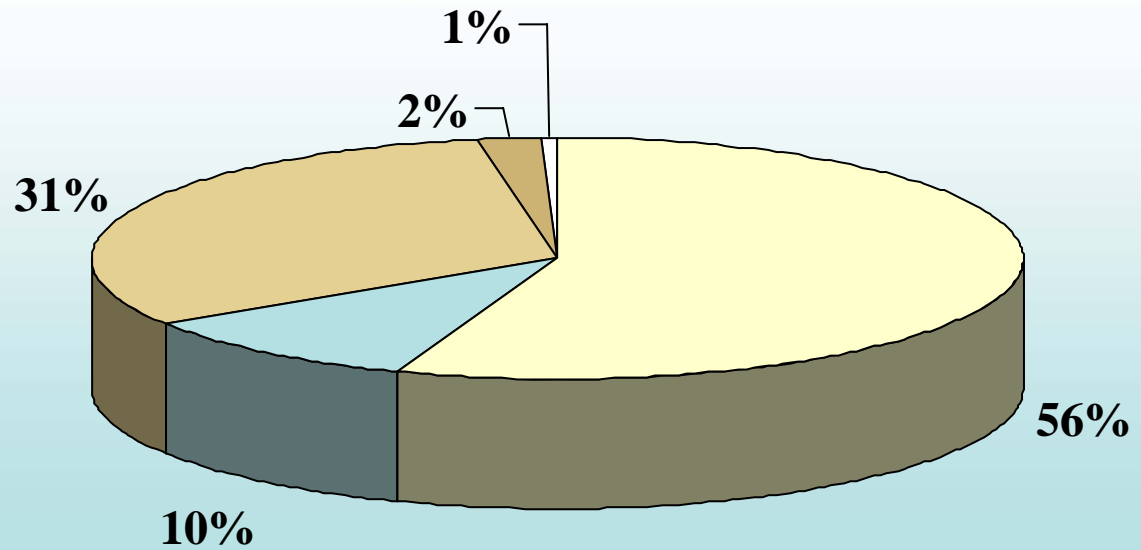
Male Female

East Region HIV Cases by Gender

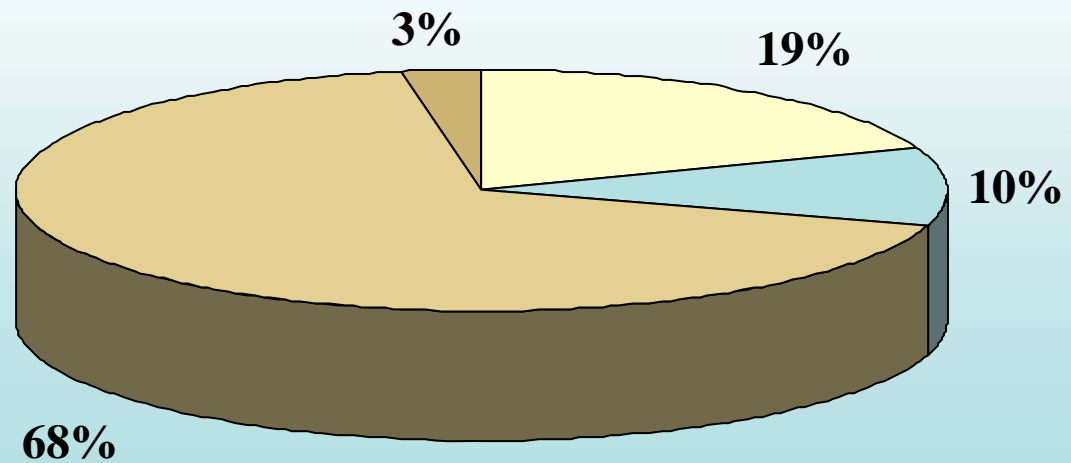


Male Female

Countywide HIV Cases by Race/Ethnicity

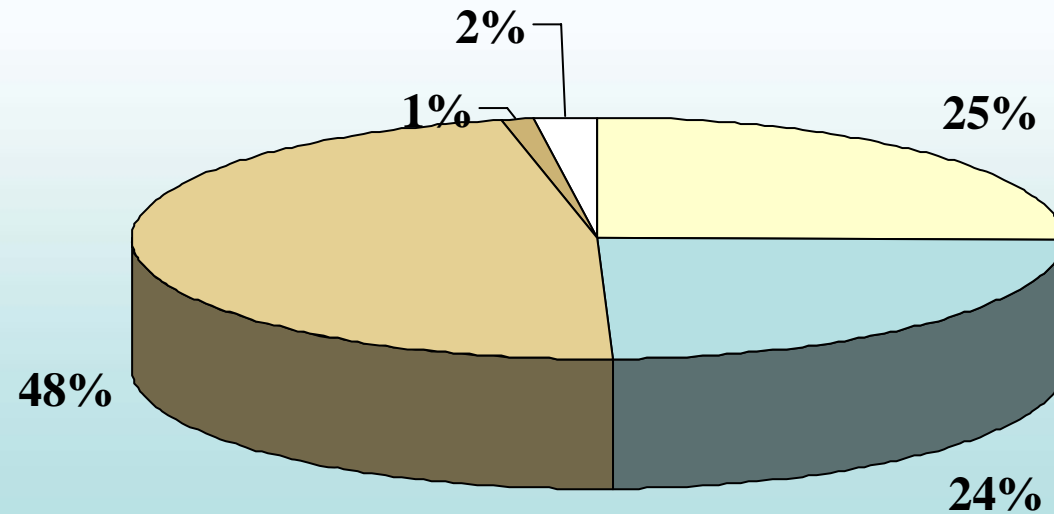


South Bay Region HIV Cases by Race/Ethnicity

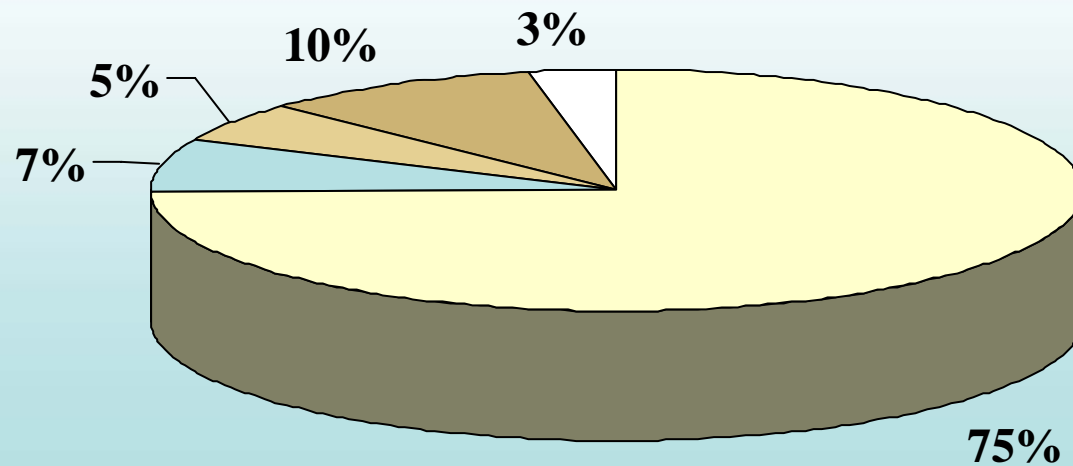


White Black Hispanic Asian/Pac Islander

Southeast San Diego Region HIV Cases by Race/Ethnicity

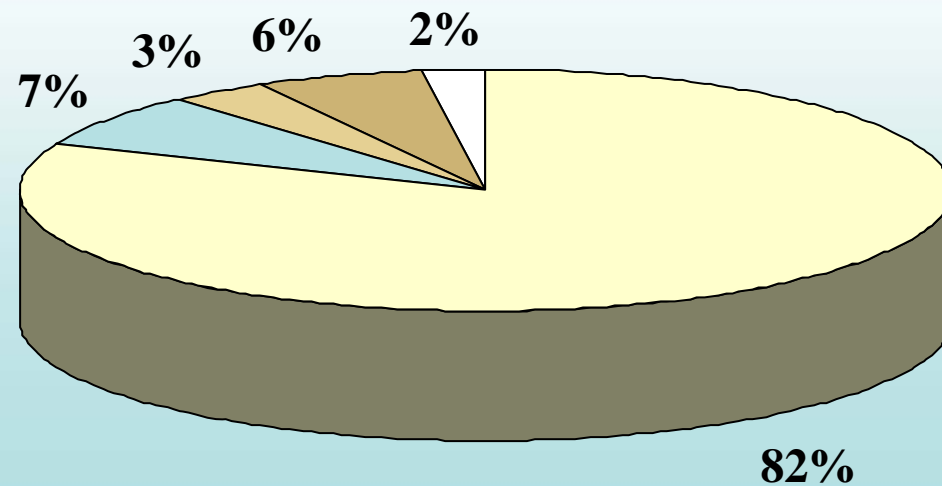


Countywide Adult/Adolescent HIV Cases by Mode of Transmission



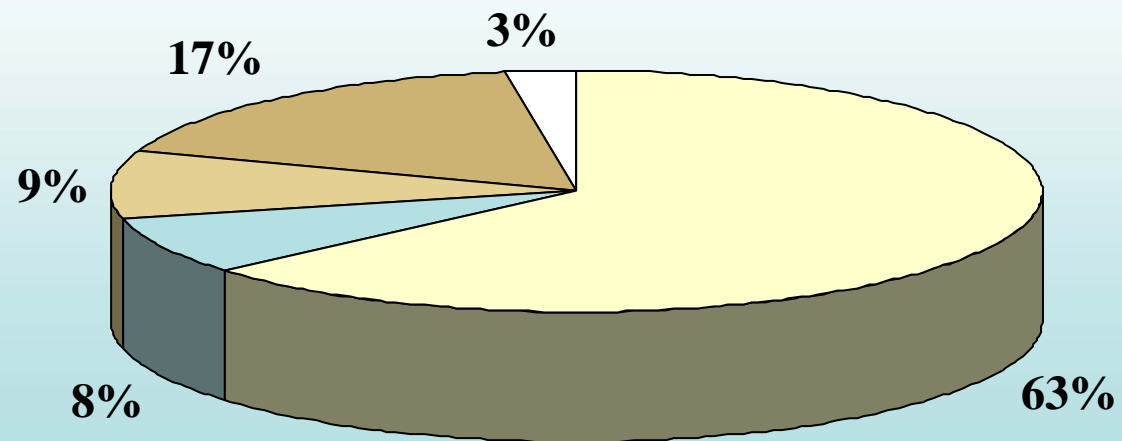
■ MSM ■ MSM+IDU ■ IDU ■ Heterosexual ■ NRS

Central San Diego Region Adult/Adolescent HIV Cases by Mode of Transmission



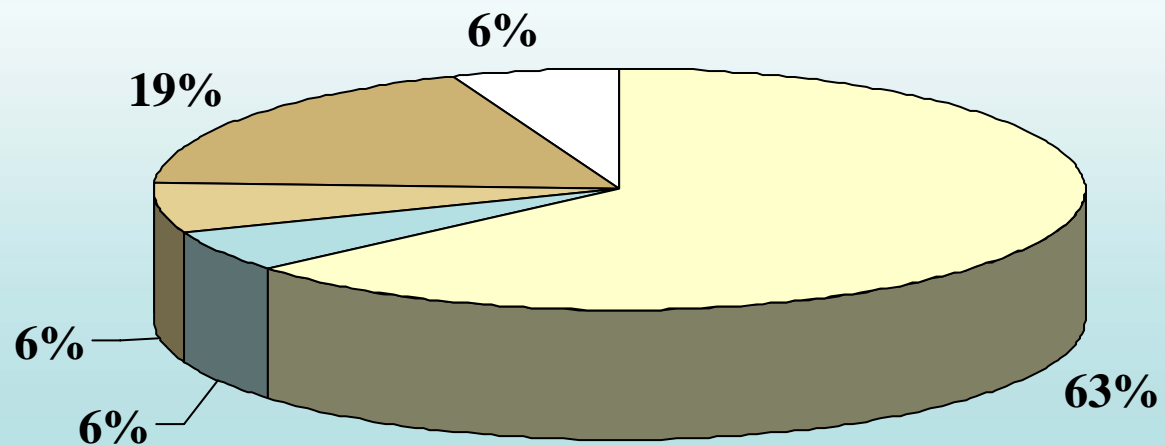
■ MSM ■ MSM+IDU ■ IDU ■ Heterosexual ■ NRS

East Region Adult/Adolescent HIV Cases by Mode of Transmission



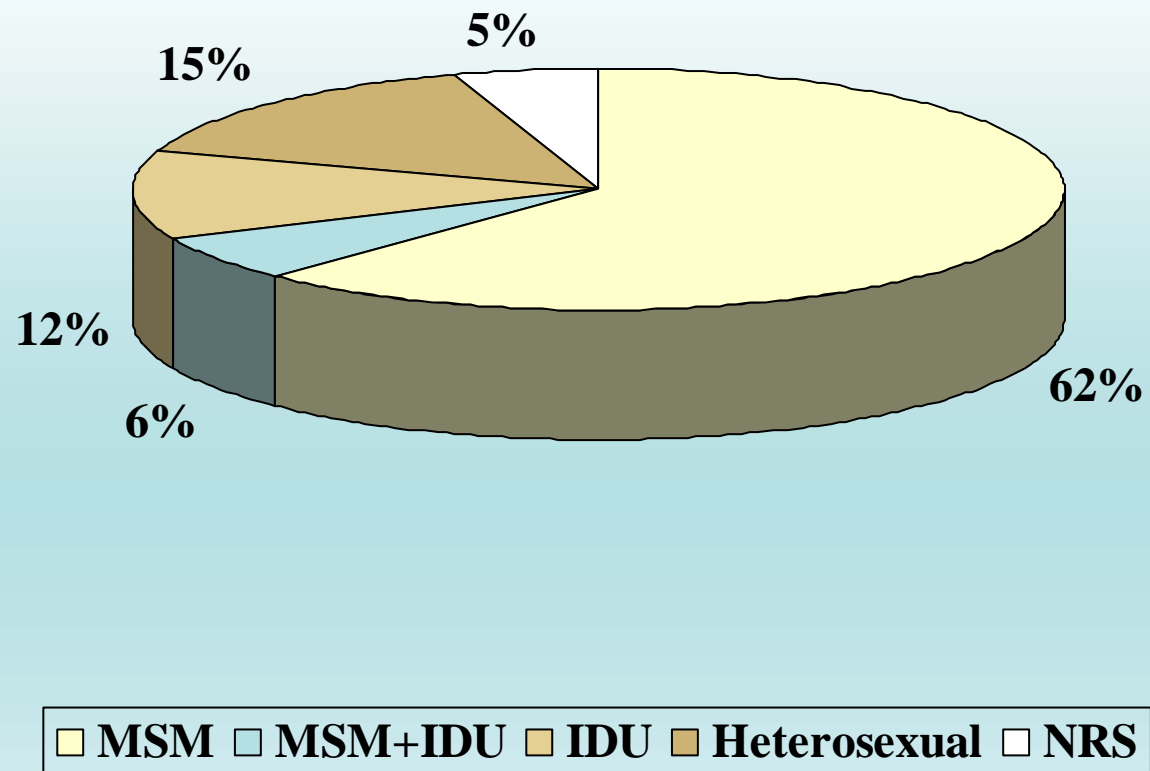
■ MSM ■ MSM+IDU ■ IDU ■ Heterosexual ■ NRS

North Region Adult/Adolescent HIV Cases by Mode of Transmission

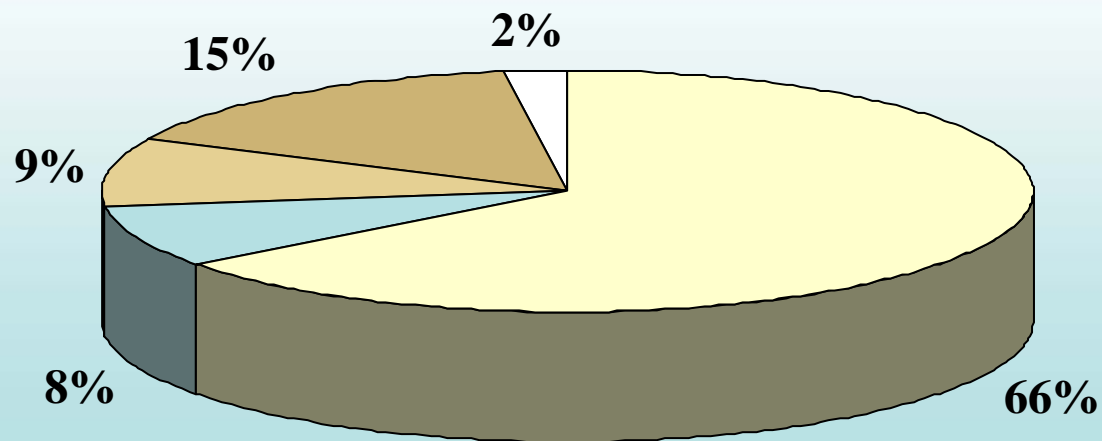


■ MSM ■ MSM+IDU ■ IDU ■ Heterosexual ■ NRS

South Bay Region Adult/Adolescent HIV Cases by Mode of Transmission

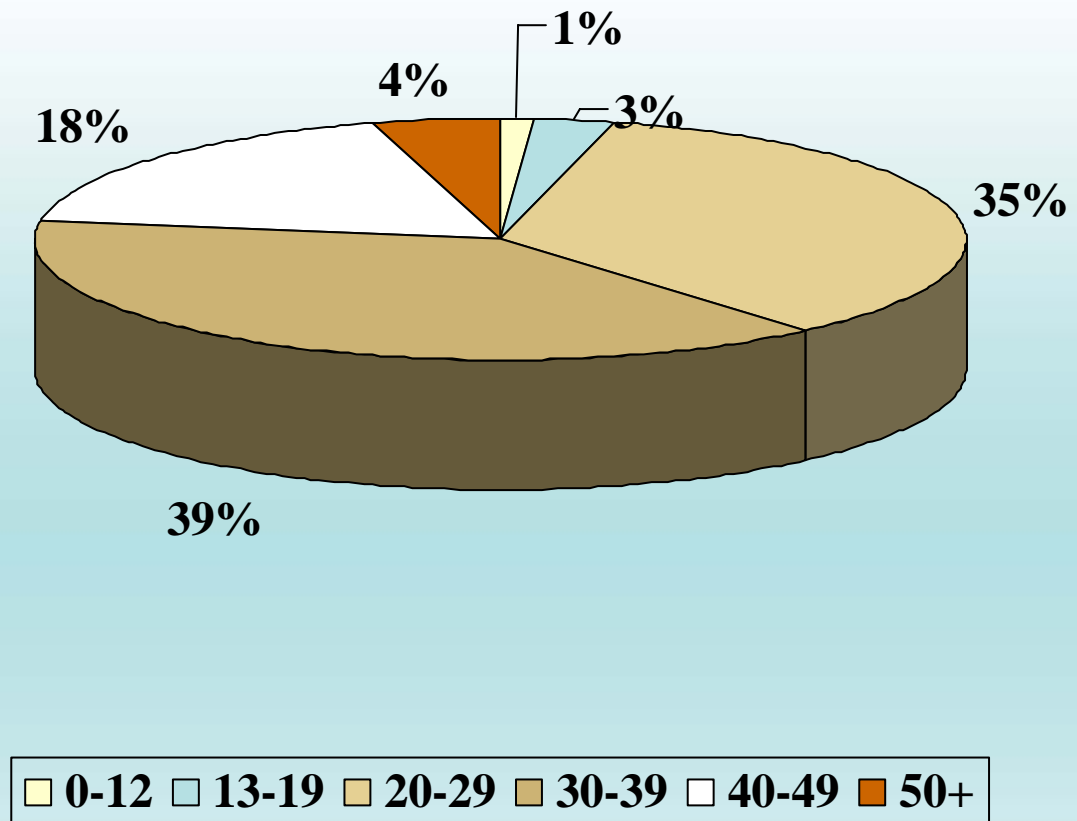


Southeast San Diego Region Adult/Adolescent HIV Cases by Mode of Transmission



■ MSM ■ MSM+IDU ■ IDU ■ Heterosexual ■ NRS

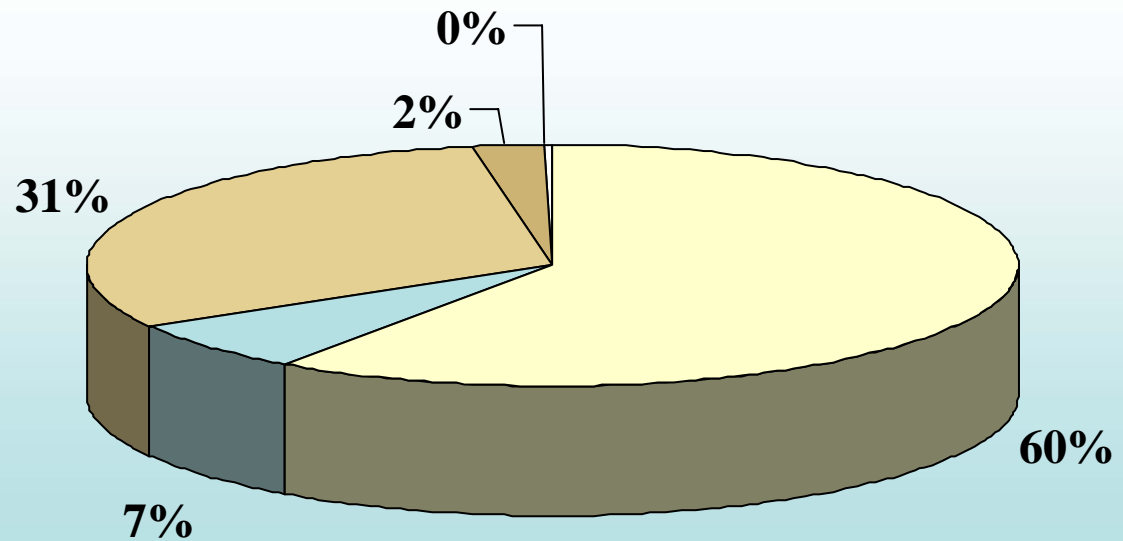
Countywide HIV Cases by Age



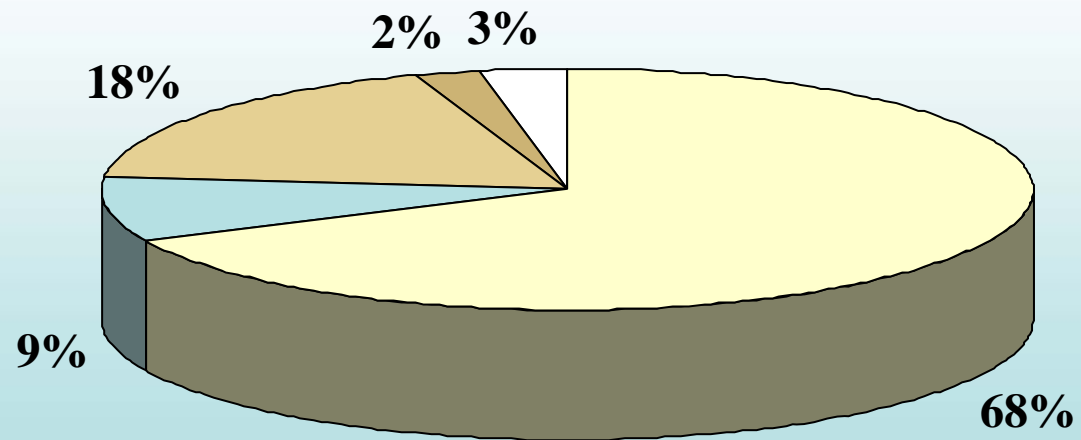
Selected Characteristics of Interest

HIV cases reported since April 17, 2006 under SB 699

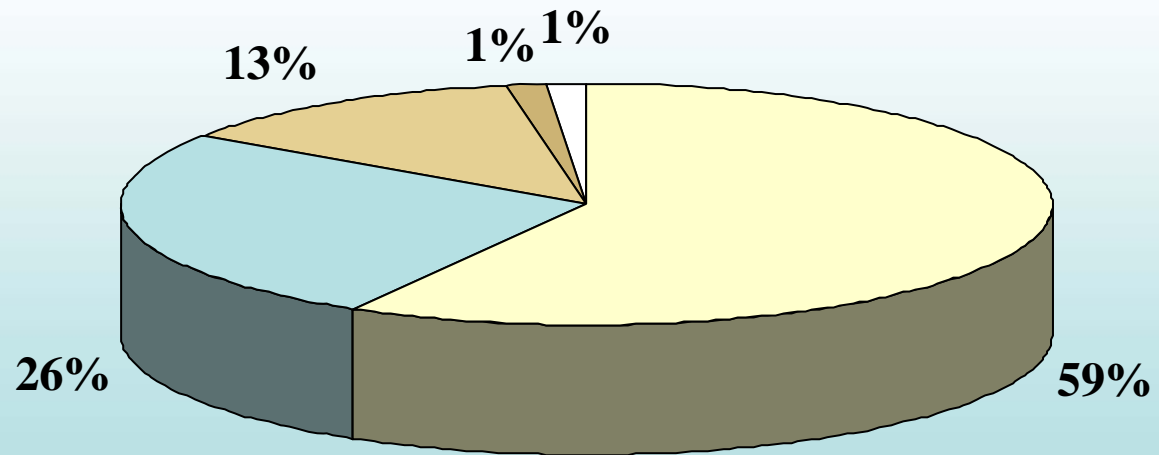
MSM HIV Cases by Race/Ethnicity



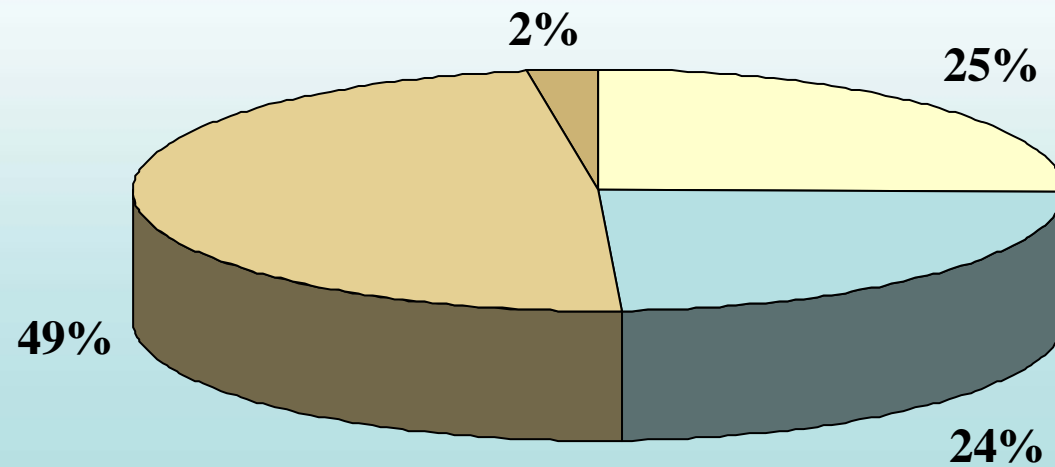
MSM+IDU HIV Cases by Race/Ethnicity



IDU HIV Cases by Race Ethnicity

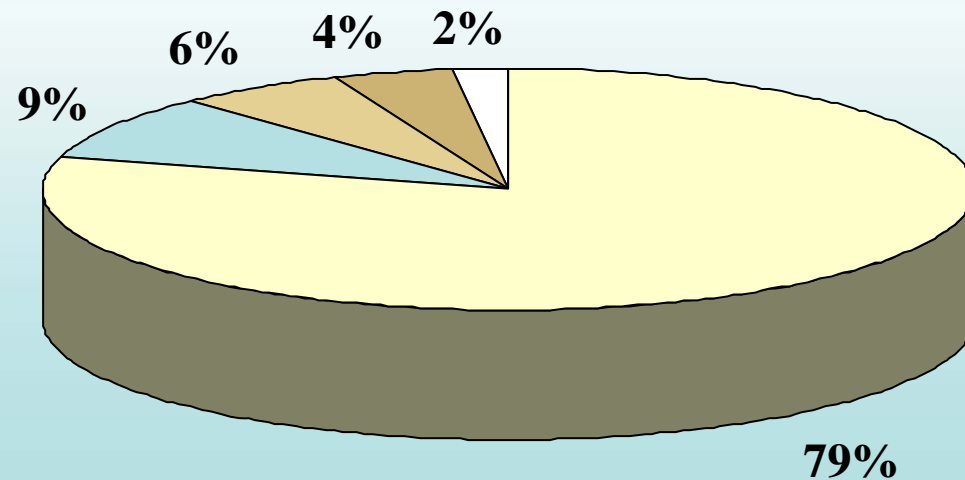


Heterosexual HIV Cases by Race/Ethnicity



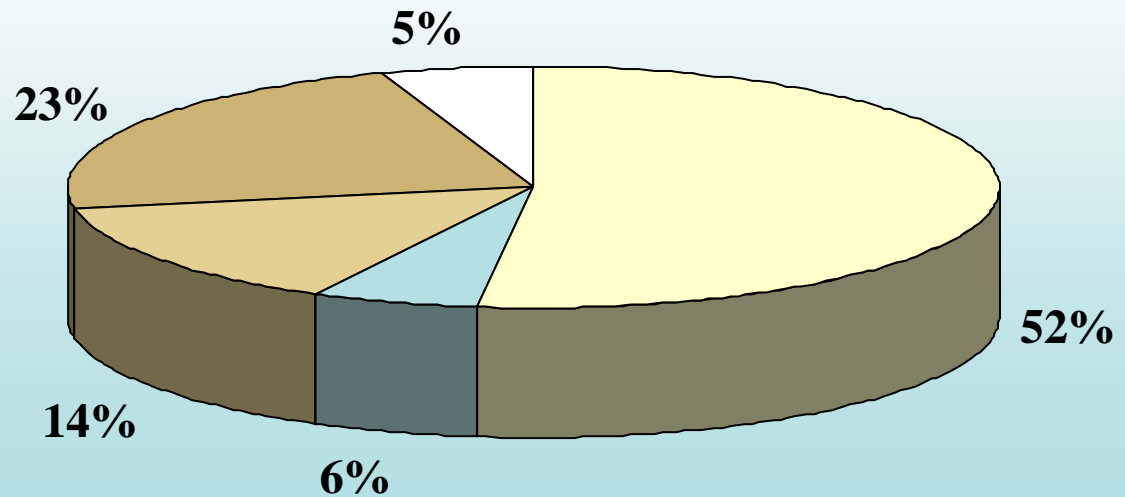
White Black Hispanic Asian/Pac Islander

White HIV Cases by Mode of Transmission



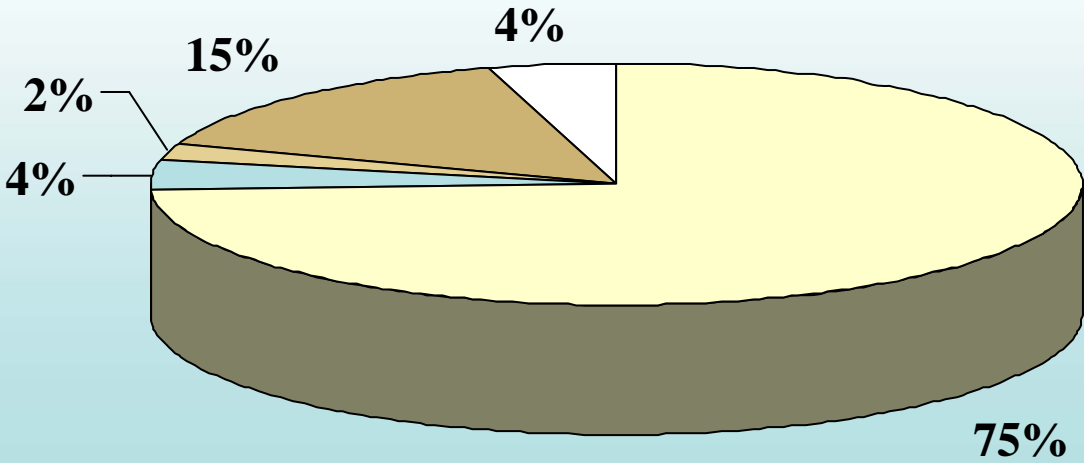
■ MSM ■ MSM+IDU ■ IDU ■ Heterosexual ■ NRS

Black HIV Cases by Mode of Transmission



■ MSM ■ MSM+IDU ■ IDU ■ Heterosexual ■ NRS

Hispanic HIV Cases by Mode of Transmission



■ MSM ■ MSM+IDU ■ IDU ■ Heterosexual ■ NRS

Summary

- HIV reporting under SB 699 began on April 17, 2006
- As of December 31, 2006, a total of 1326 HIV (not-AIDS) cases had been reported in San Diego County
- Central San Diego Region has the largest number of reported HIV cases followed by South Bay Region
- Over 10% of reported HIV cases are female
 - 23% of HIV cases in the East Region are female
- Over 56% of reported HIV cases are white
 - 68% of South Bay Region HIV cases are Hispanic
 - 48% of Southeast San Diego Region HIV cases are Hispanic
- 75% of reported HIV cases are MSM
 - In Central San Diego Region 82% of reported HIV cases are MSM
 - All other regions range from 62% - 66%

Summary (continued)

- Nearly 40% of HIV cases are 30-39; followed by 35% in the 20-29 age group
- 79% of white HIV cases are MSM
 - Another 9% are MSM that inject drugs (MSM+IDU)
- 52% of black HIV cases are MSM
 - Another 6% are MSM that inject drugs (MSM+IDU)

HIV Counseling and Testing Data

Acknowledgements

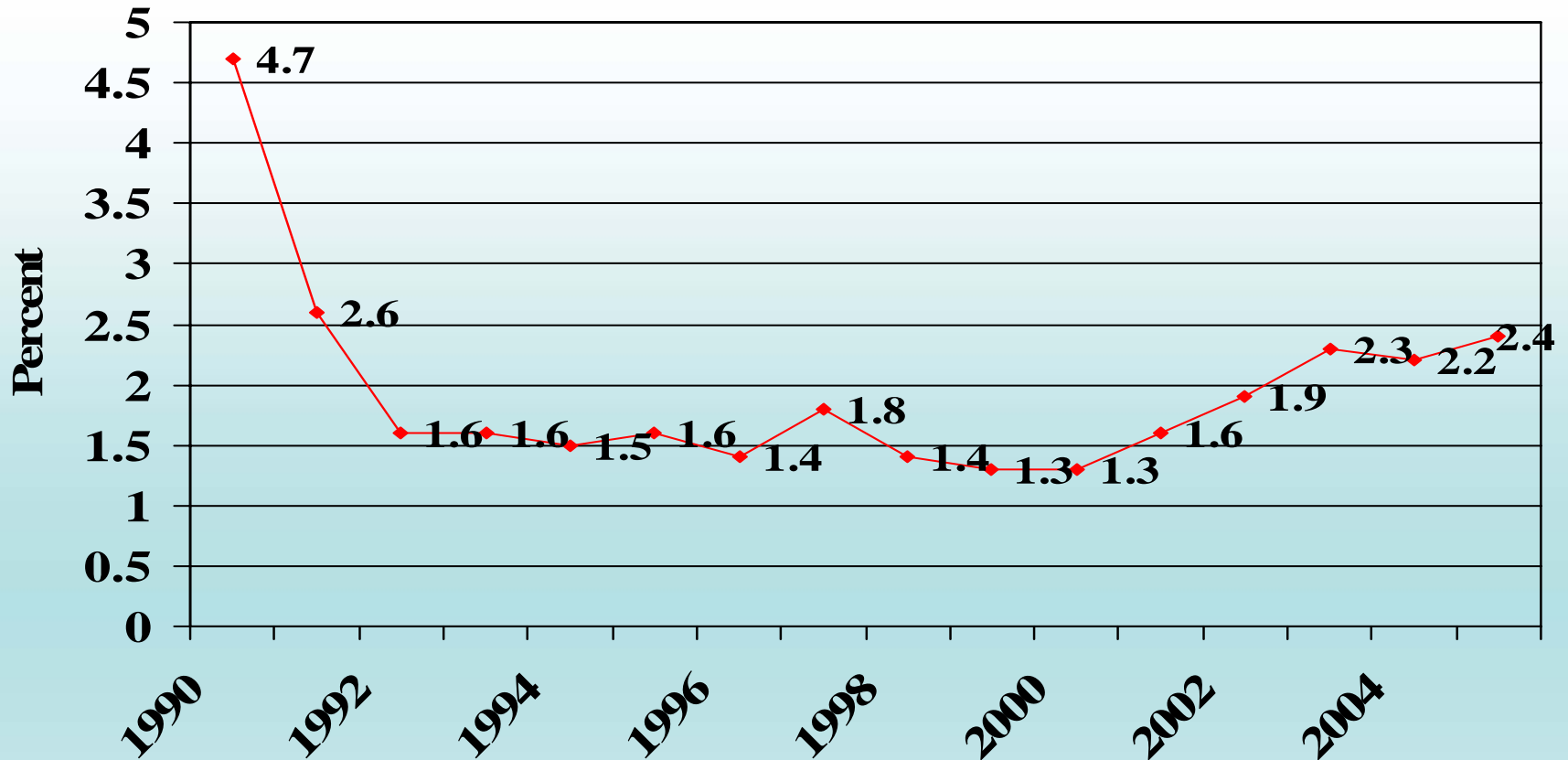
Lorri Freitas, MPH

Notes

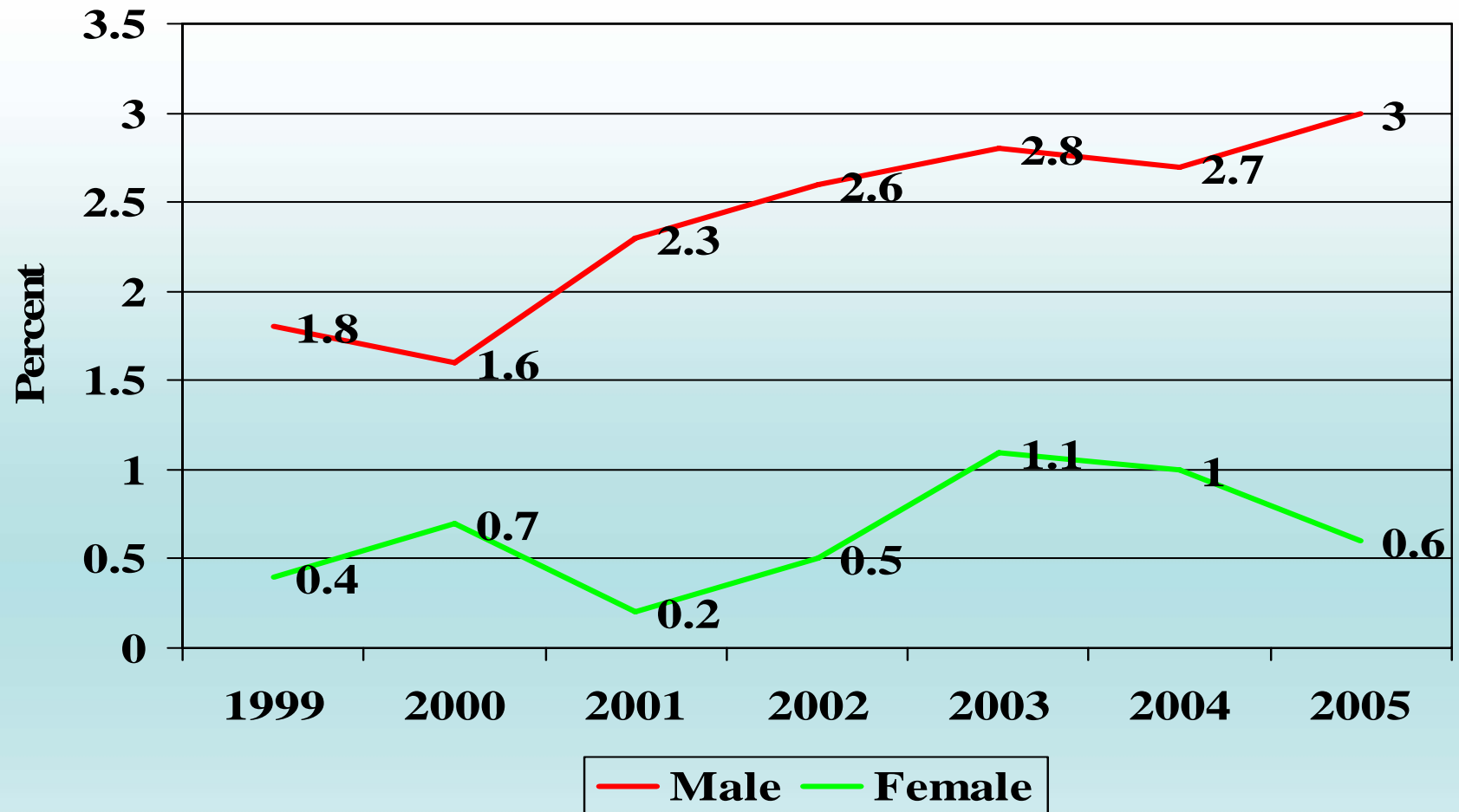
- Thirteen (13) publicly funded sites
- HIV tests are either anonymous or confidential (10,700 – 14,000 total)
- No way to unduplicate within a time period (repeat tests)
- No information from this source on those who test privately
- Can't generalize to San Diego County

Anonymous HIV Testing

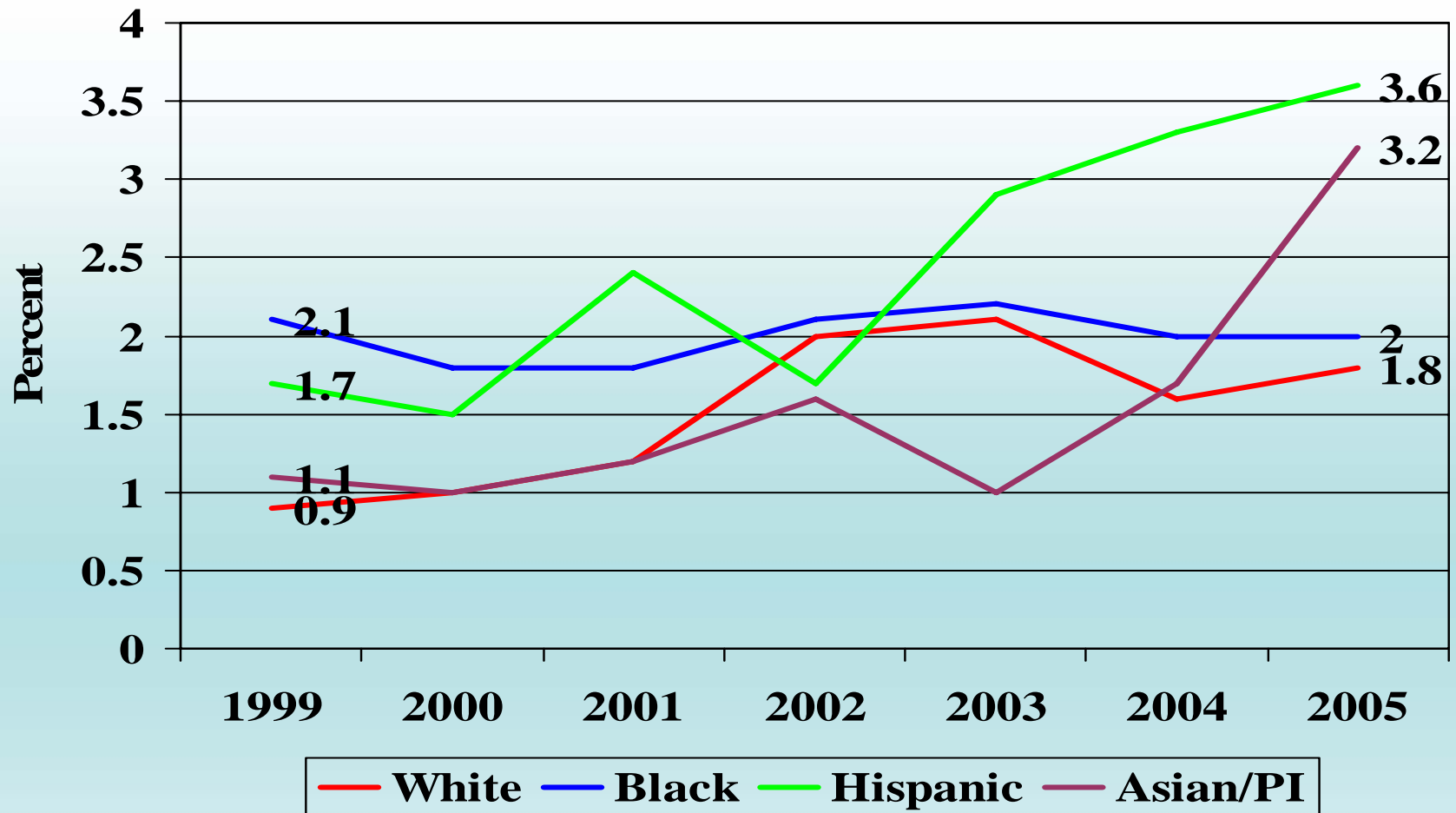
Percent Testing HIV Positive 1990 - 2005



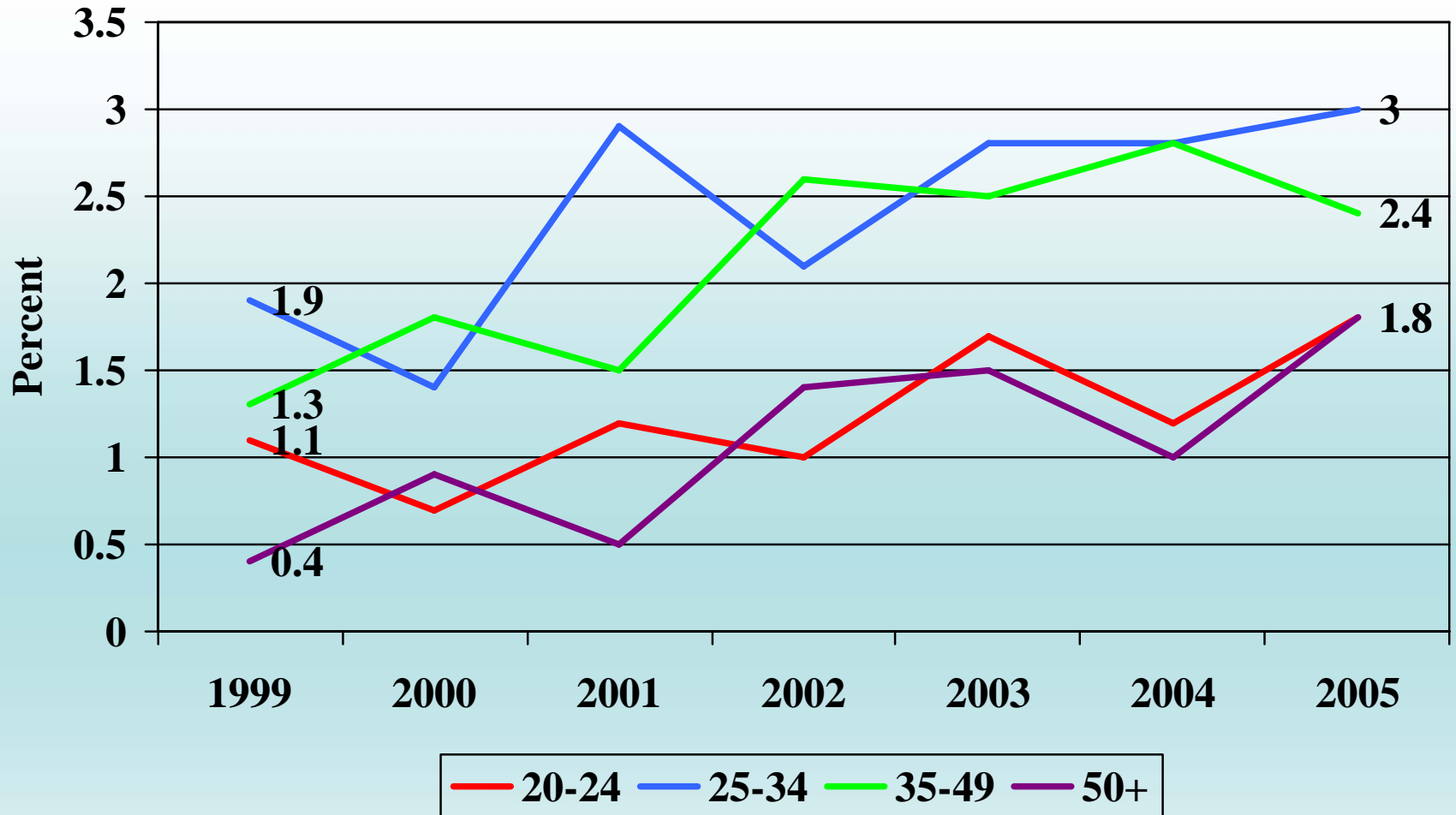
HIV Anonymous Testing, Percent HIV Positive by Gender, 1999- 2005



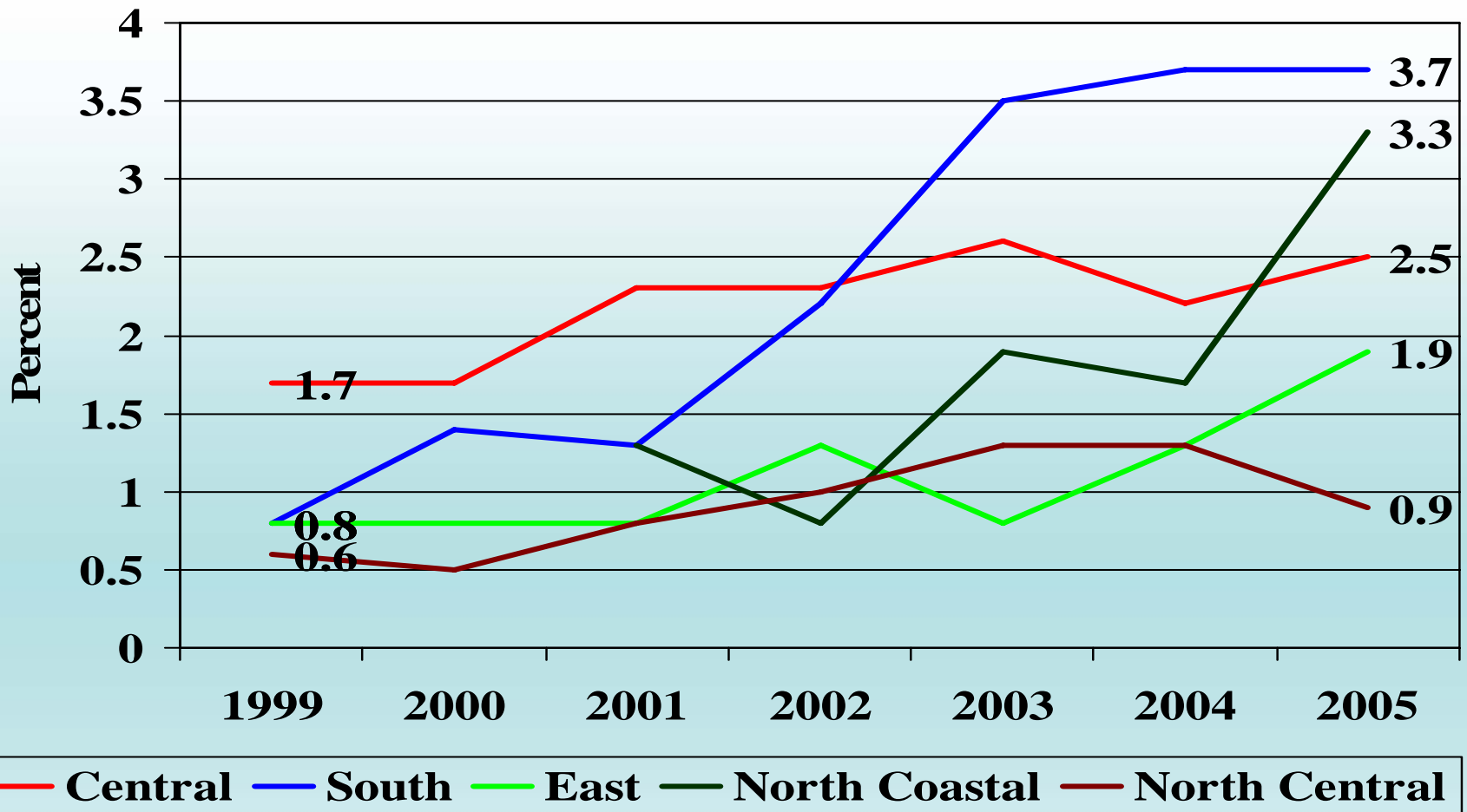
HIV Anonymous Testing, Percent Testing HIV Positive by Race/Ethnicity. 1999 - 2005



Anonymous HIV Testing, Percent Testing HIV Positive by Age Group, 1999 - 2005

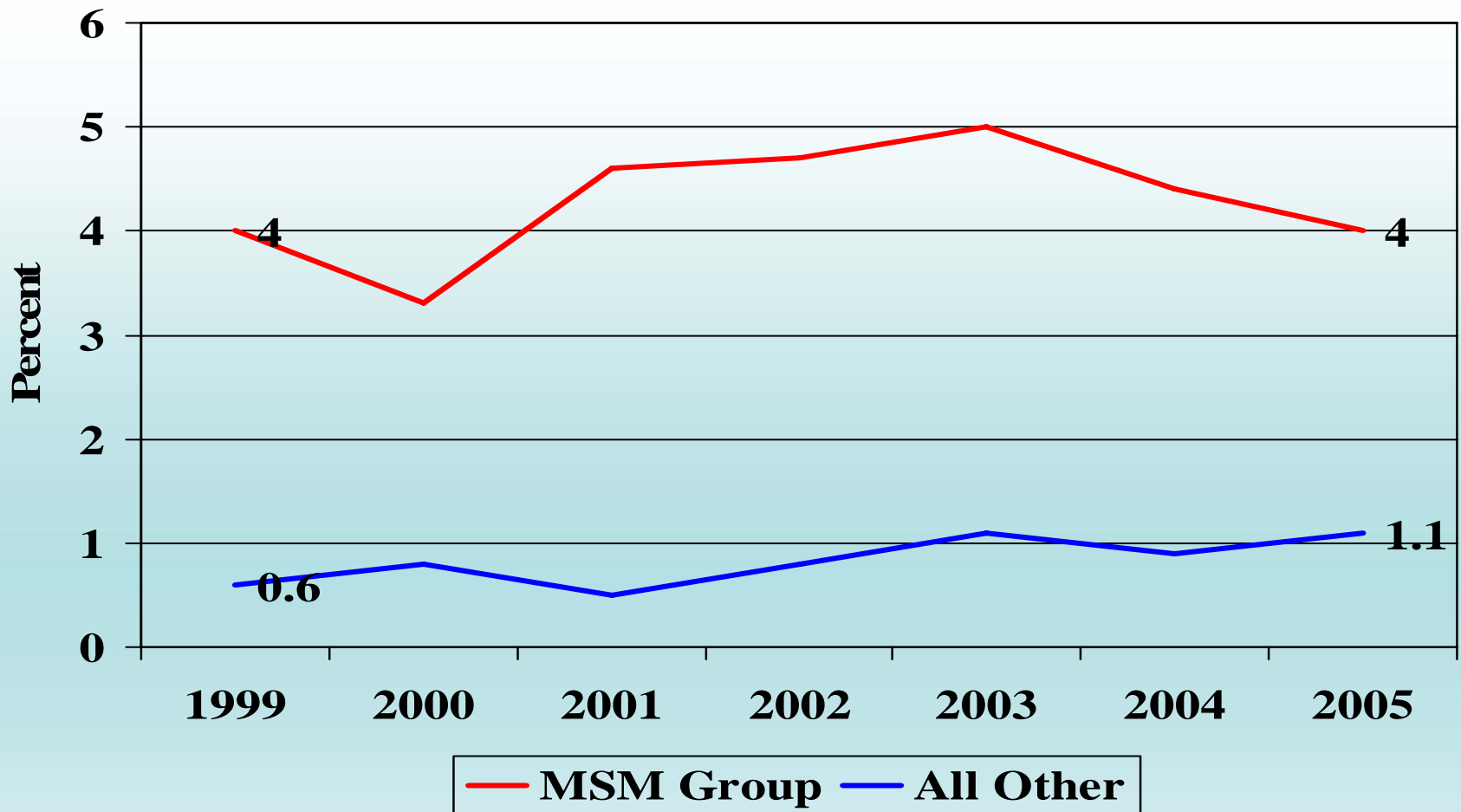


HIV Anonymous Testing, Percent Testing HIV Positive by HHS Region, 1999 - 2005



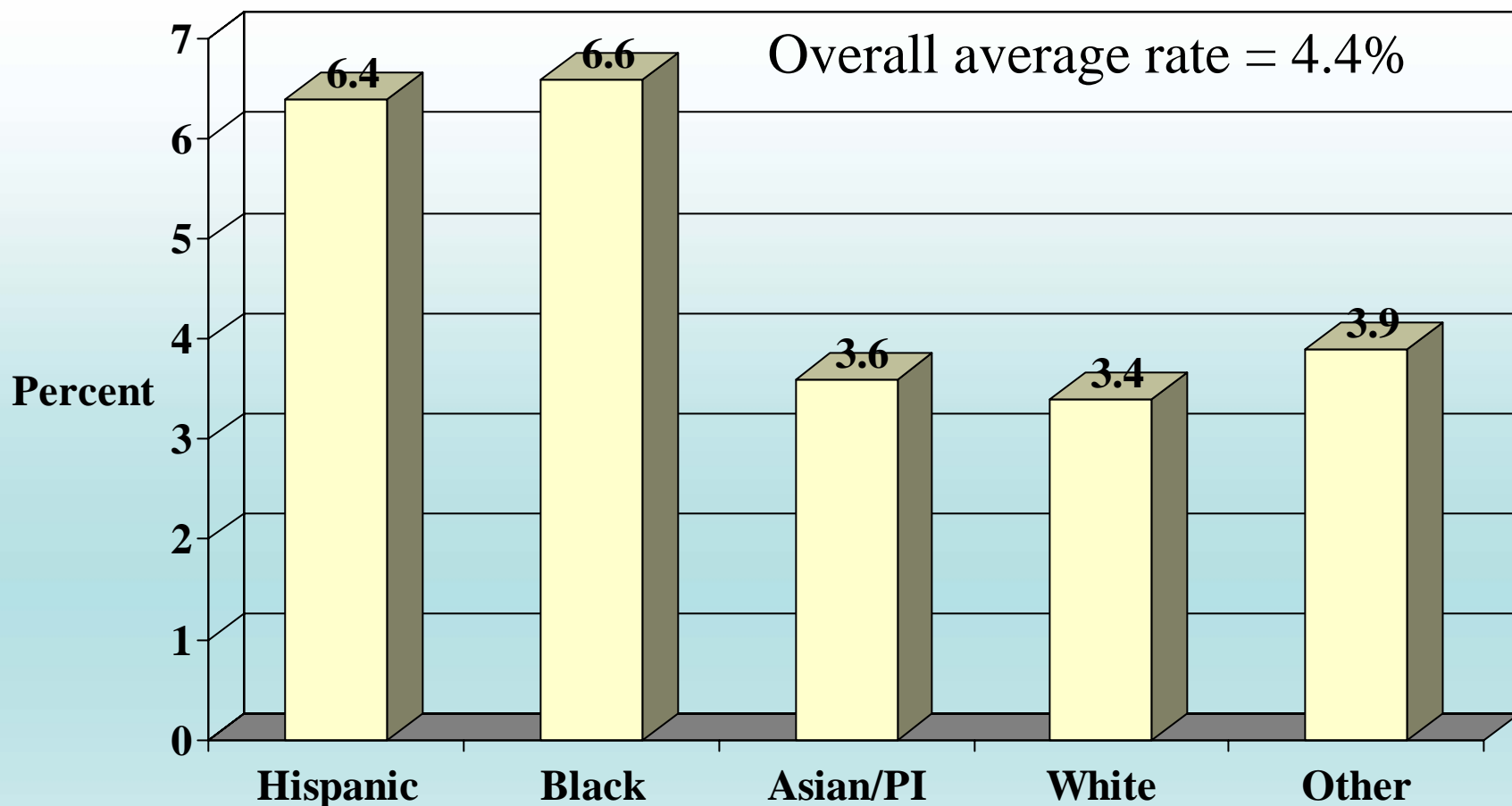
North Inland Region: Due to small number testing positive, percentage (testing positive) was not calculated except for 2004 when percentage testing positive was 3.8%

HIV Anonymous Testing, Percent of Men Testing HIV Positive by Risk, 1999 - 2005



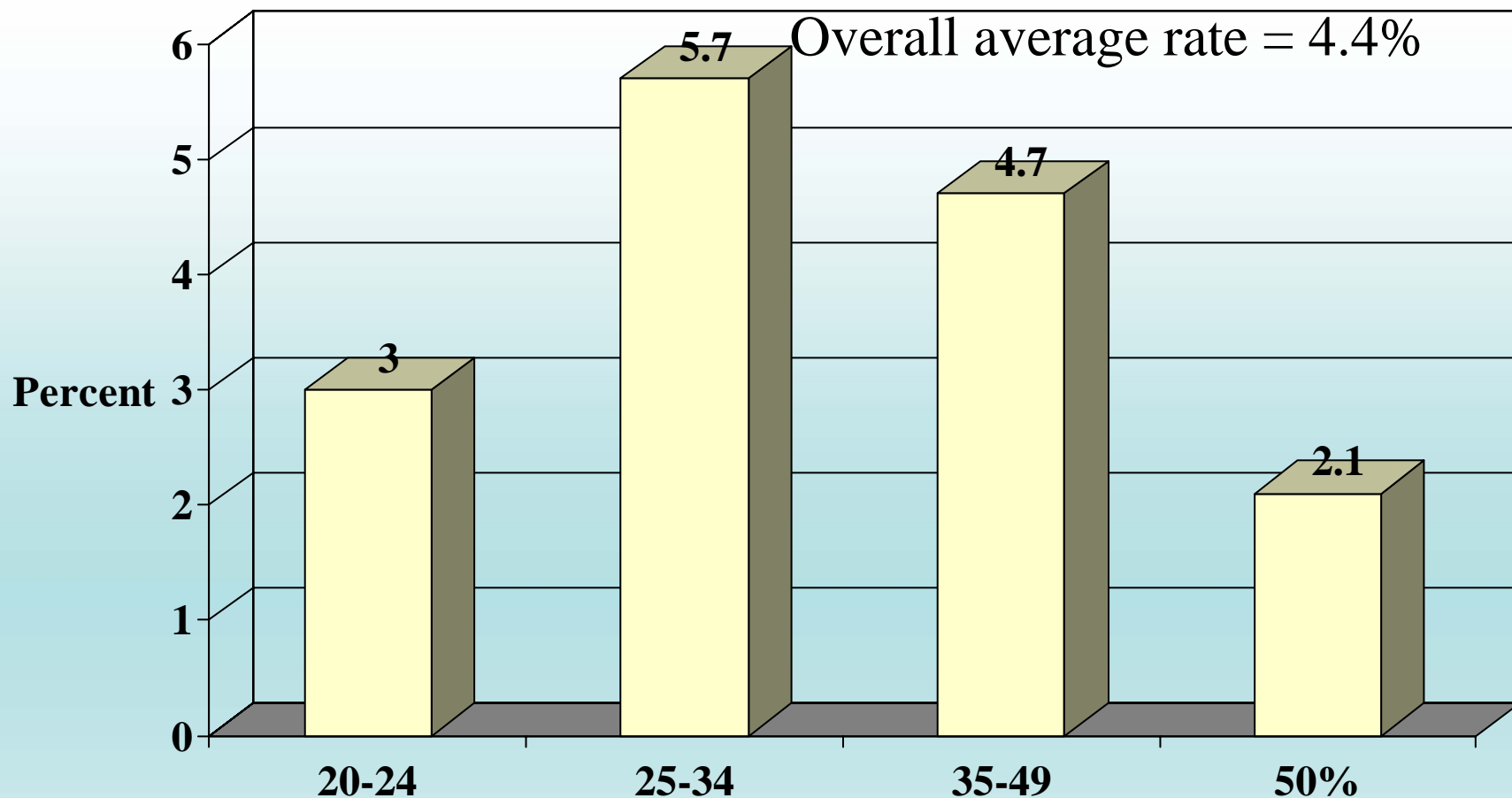
MSM Group = men who have sex with men, bisexual men, and injection drug using gay or bisexual men.

HIV Anonymous Testing, MSM Group, Percent Testing Positive by Race/Ethnicity, 2003-2005 Average

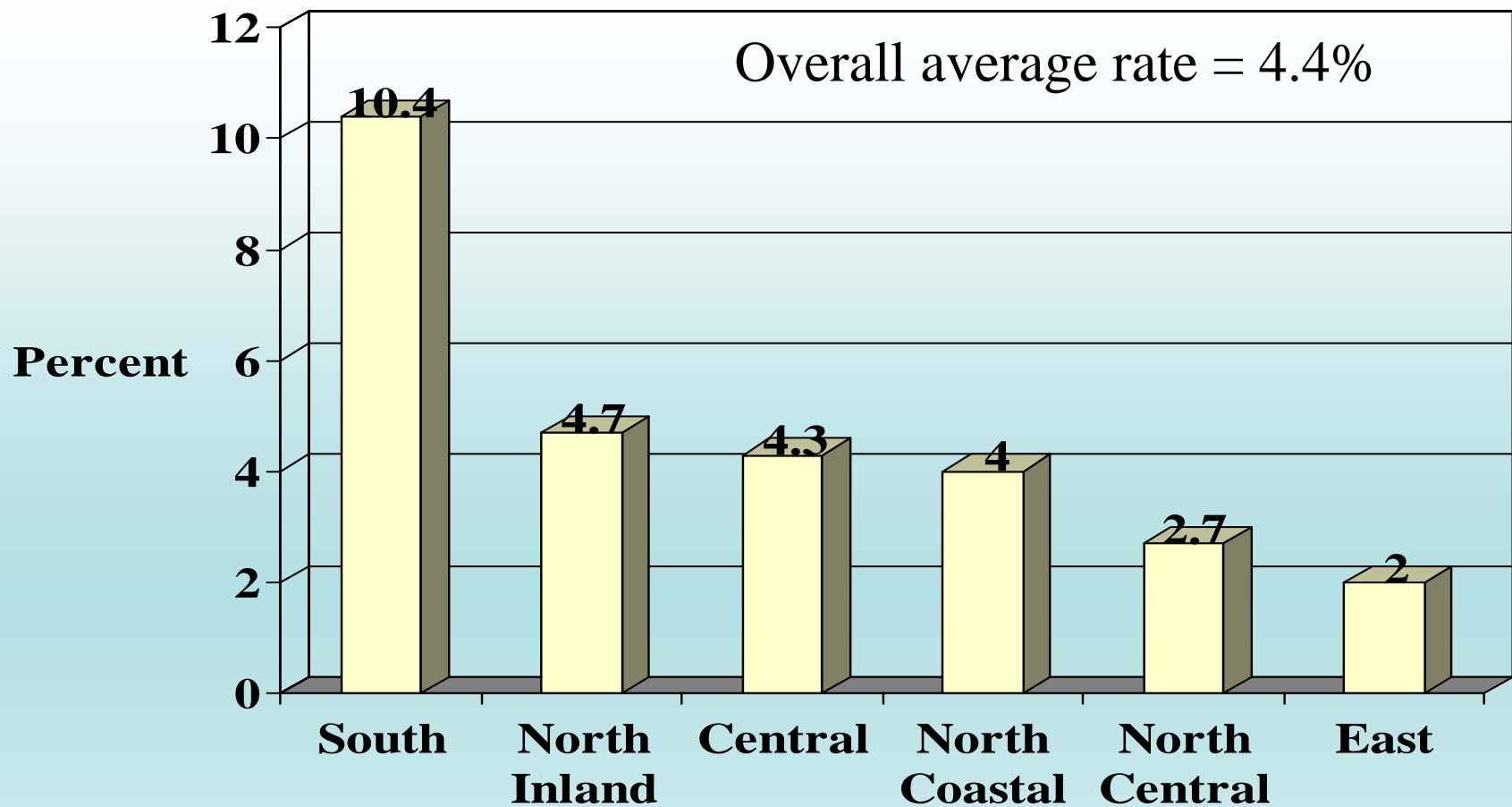


Due to small numbers, percent testing positive was not calculated.

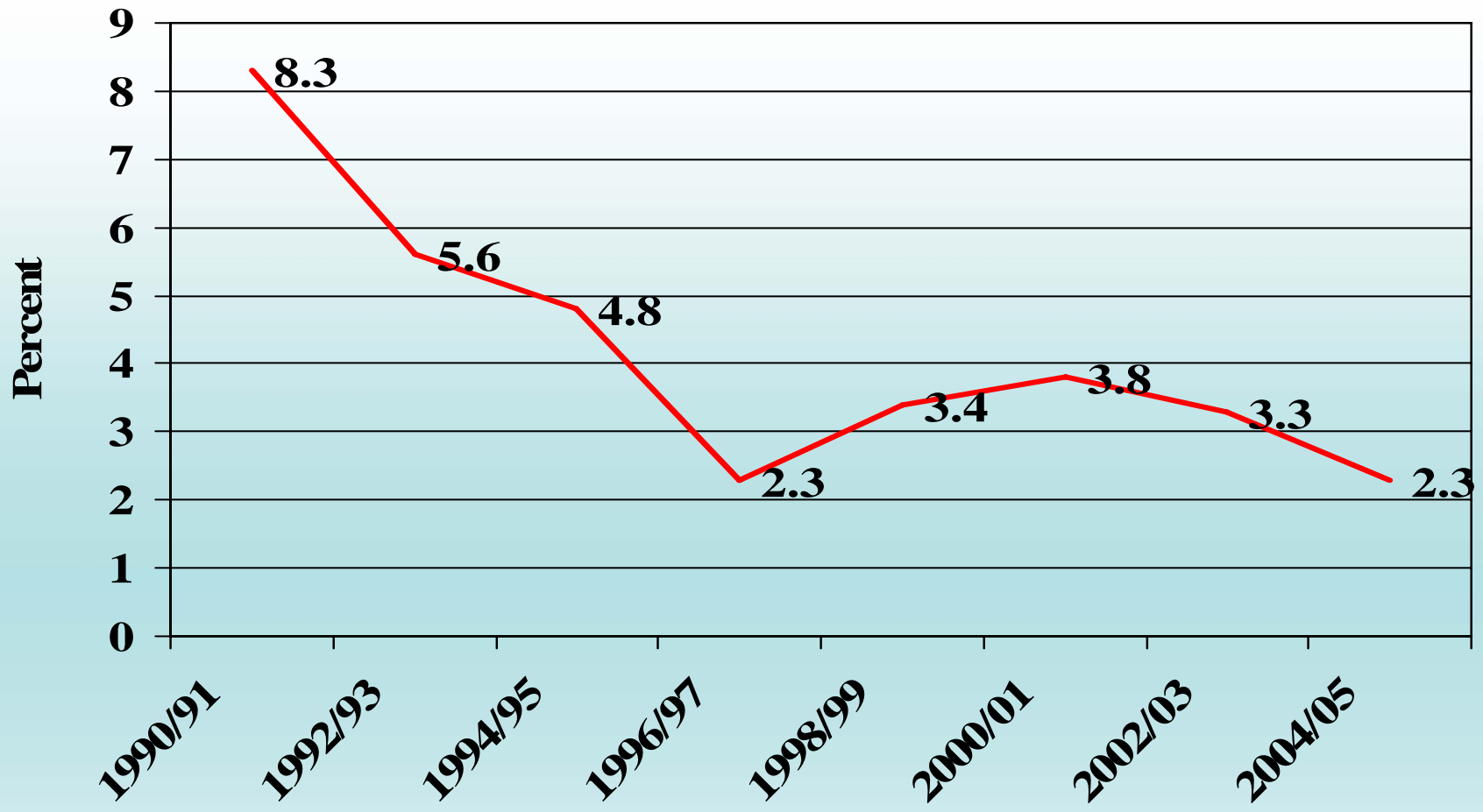
HIV Anonymous Testing, MSM Group, Percent Testing Positive by Age Group, 2003-2005 Average



HIV Anonymous Testing, MSM Group, Percent Testing HIV Positive by HHS Region, 2003-2005 Average



HIV Anonymous Testing, Percent Testing HIV Positive, MSM Group, Ages 12-24, 90/91 – 04/05



Summary

- Decline in rates to 1992, stable for many groups since, increase for some in 2001-2005
- Rates are highest among men, MSM risk groups, African American and Hispanic, ages 25+, South and Central regions
- Statistically significant increase in 2004: Hispanic (from 2002) and South region (from 2001)
- No significant increases in 2005
 - Increases to watch: Asian/Pacific Islander

HIV/AIDS Epidemiology Reports and Statistics

- www.sdhivaid.org
 - HIV and AIDS Summary
 - Annual Reports (2003, 2004, 2005, 2006)
 - 2007 coming this Spring
 - Other Reports of Interest
 - AIDS in Blacks
 - AIDS in Hispanics
 - AIDS in MSM
 - AIDS in Women
 - AIDS in IDU
 - Future Reports
 - AIDS in Youth
 - Regional Brief (each of the 6 HHSA regions)
 - AIDS Data
 - HIV Data
 - HCT Data

Questions