

# HIV/AIDS Epidemiologic Report

An Overview of HIV and AIDS  
Surveillance Data

# Acknowledgements

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AIDS

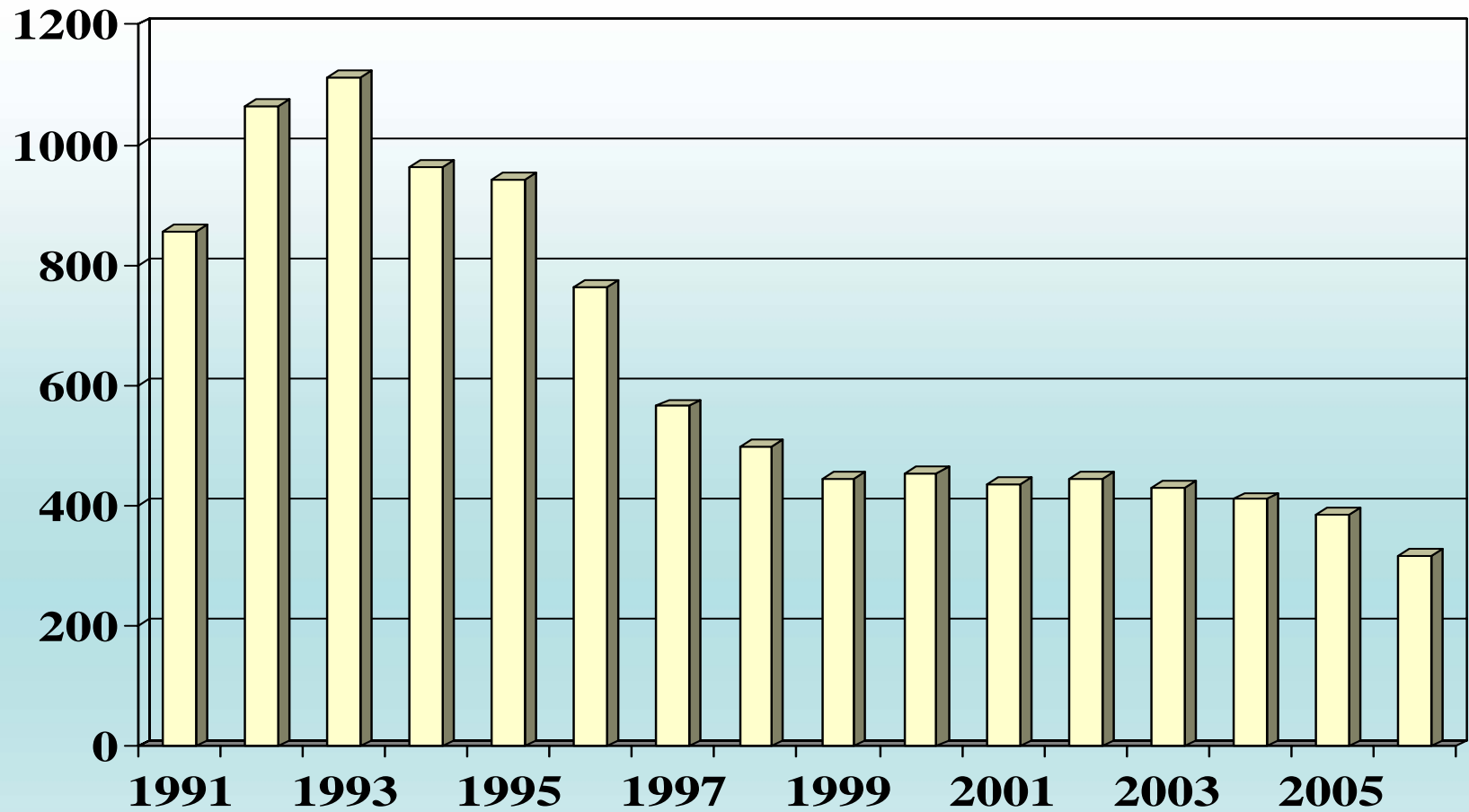
# Notes

- 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

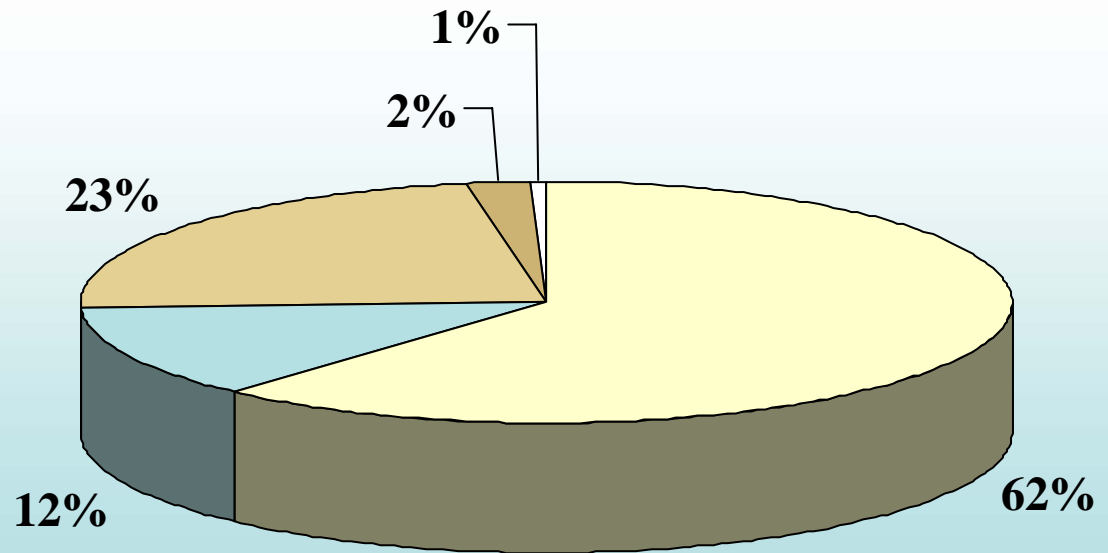
# San Diego County AIDS Cases by Year of Diagnosis



# Recent AIDS Cases Rate per 100,000

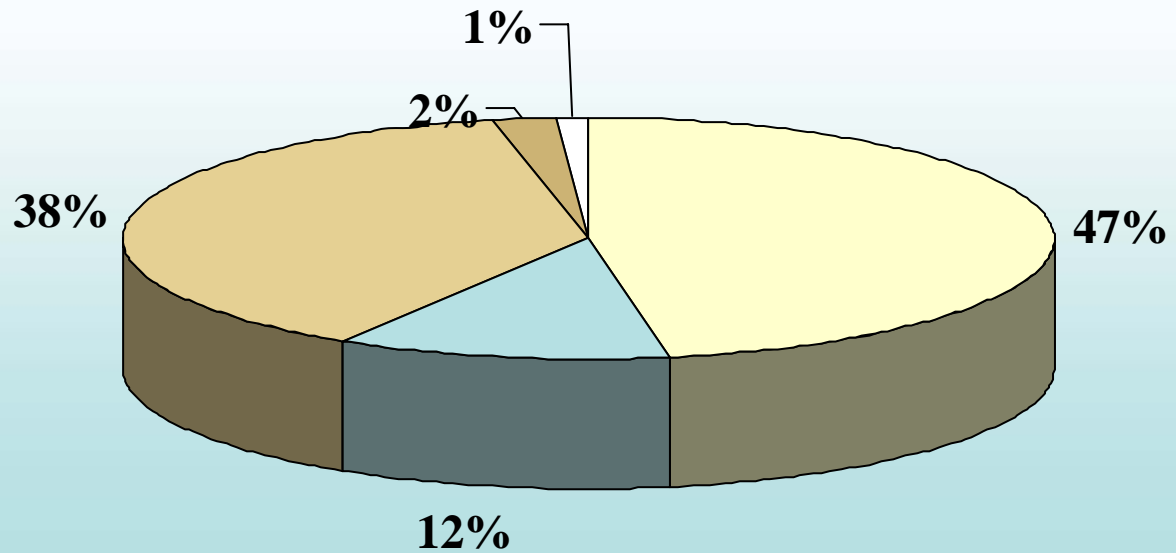
	Male Rate	Female Rate
White	40.2	1.9
Black	82.2	15.8
Hispanic	51.6	9.3
Asian/Other	8.1	2.6
TOTAL	41.4	4.8

# San Diego County Cumulative AIDS Cases by Race/Ethnicity

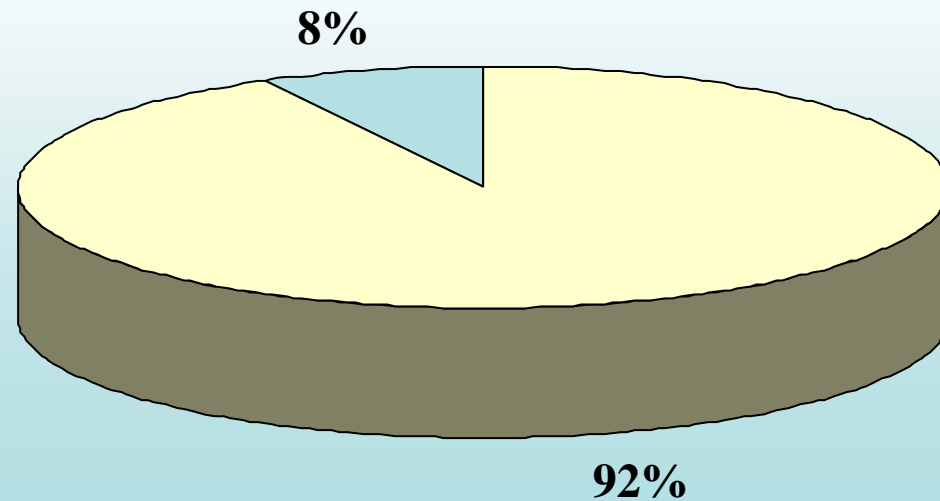




# San Diego County Recent AIDS Cases by Race/Ethnicity

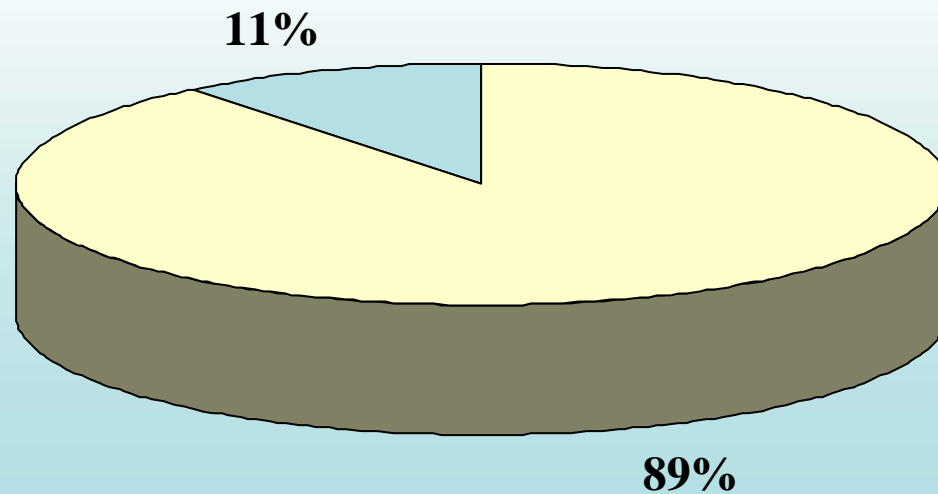


# San Diego County Cumulative AIDS Cases by Gender



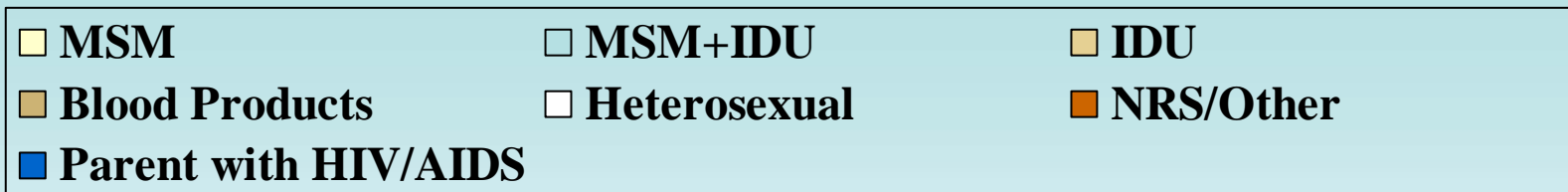
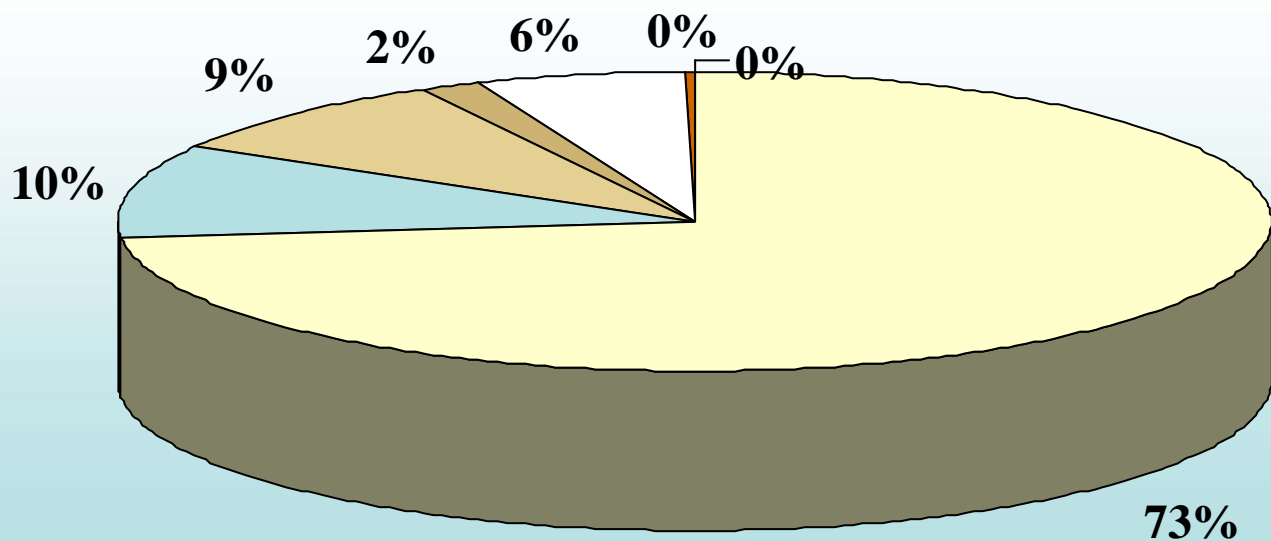
Male Female

# San Diego County Recent AIDS Cases by Gender

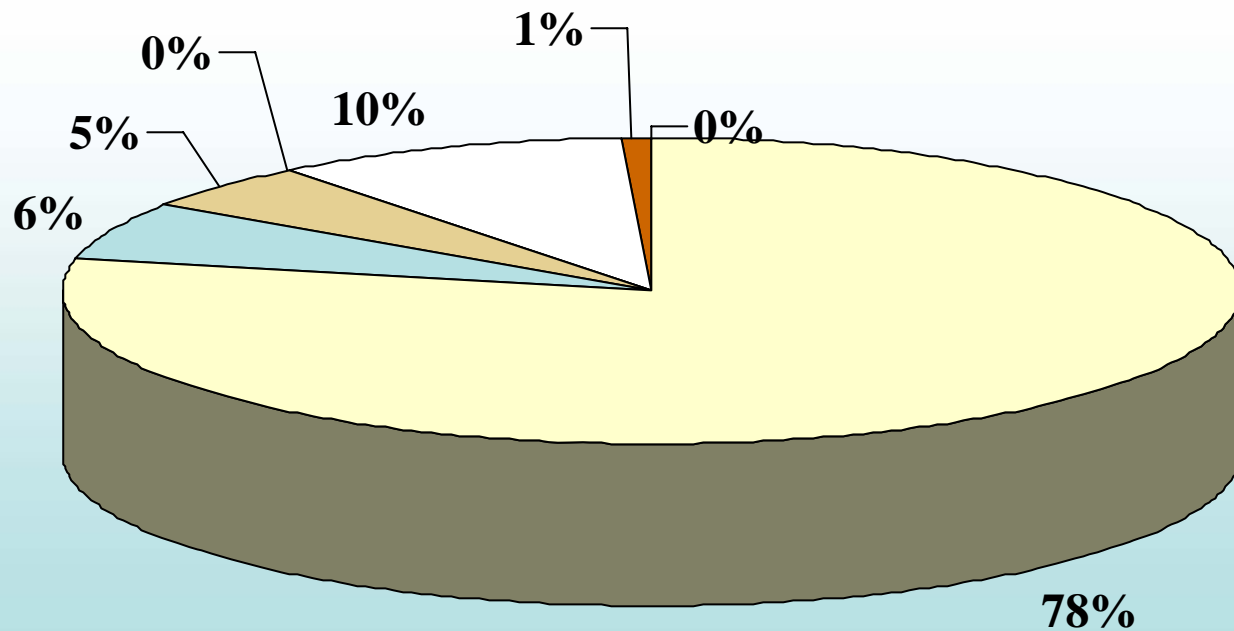


Male Female

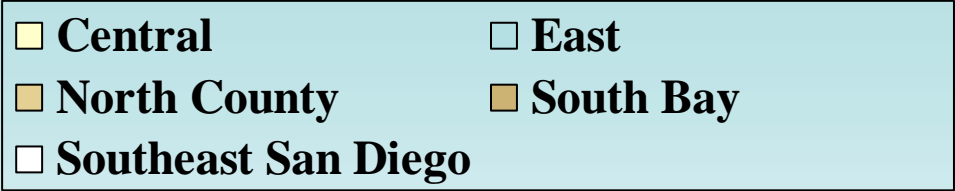
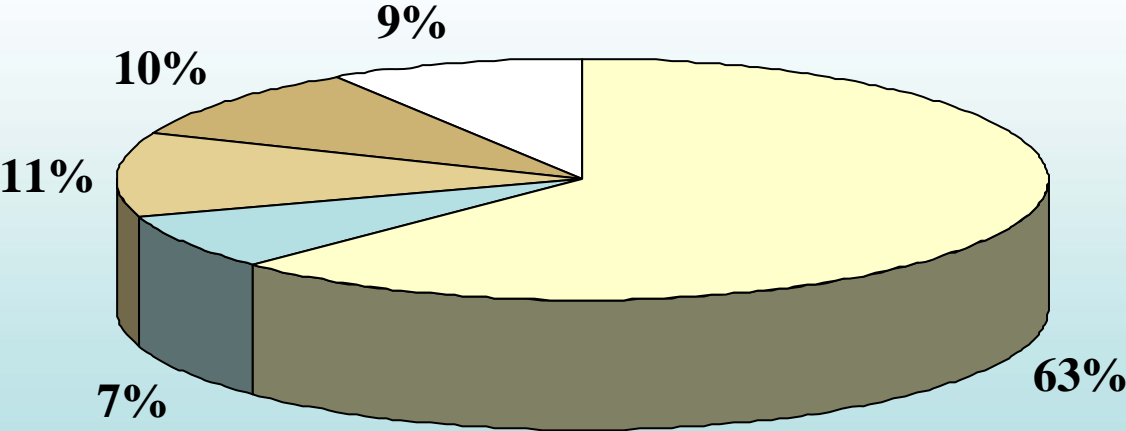
# San Diego County Cumulative Adult/ Adolescent AIDS Cases by Mode of Transmission



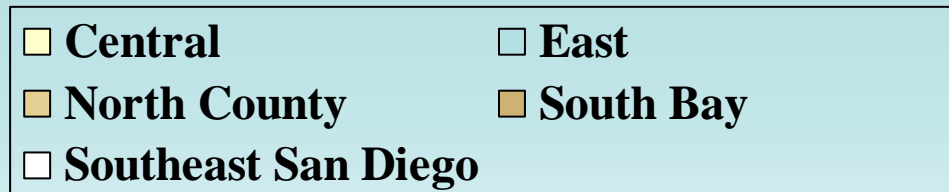
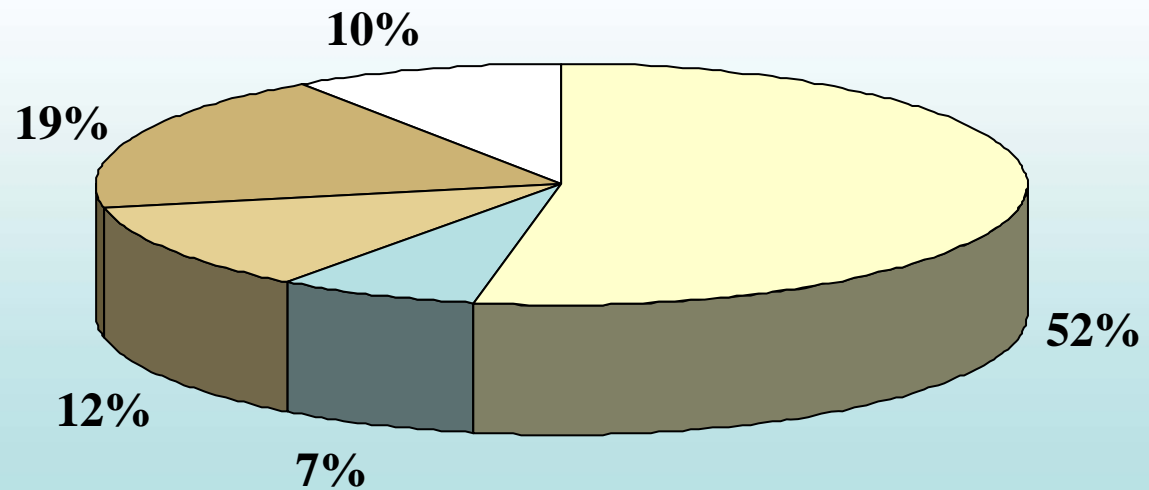
# San Diego County Recent Adult/Adolescent AIDS Cases by Mode of Transmission



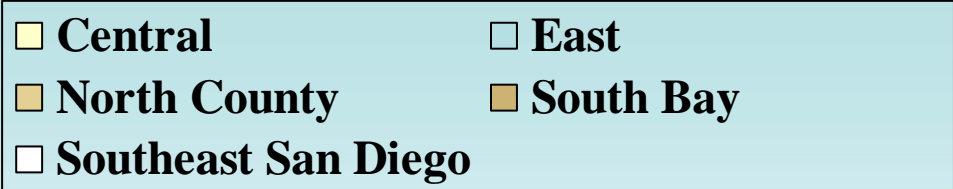
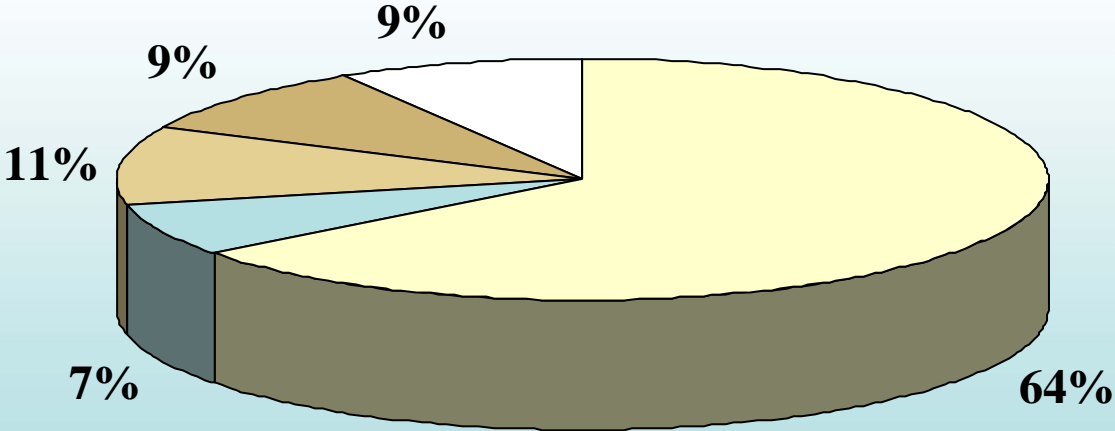
# Proportion of Cumulative AIDS Cases by Region



# Proportion of Recent AIDS Cases by Region

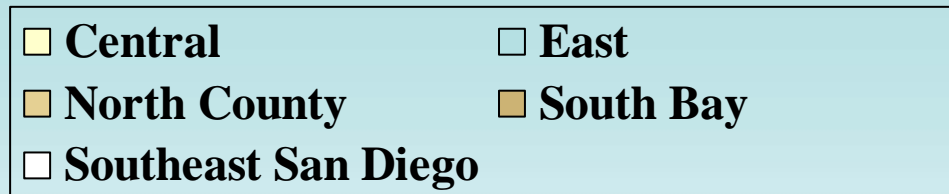
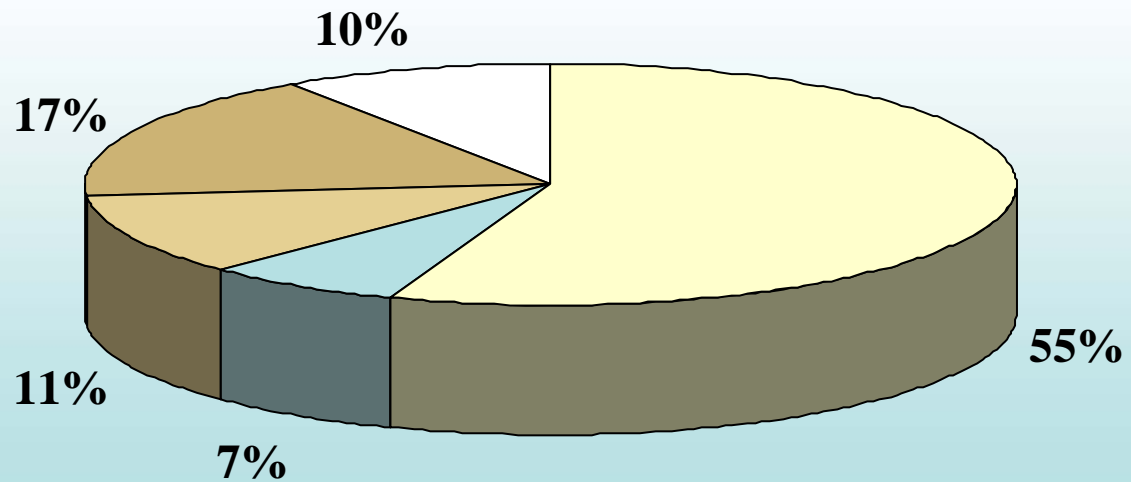


# Cumulative Male AIDS Cases by Region

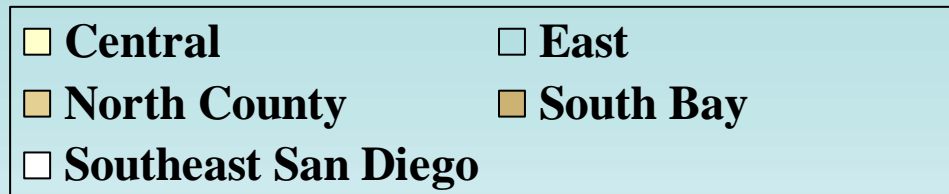
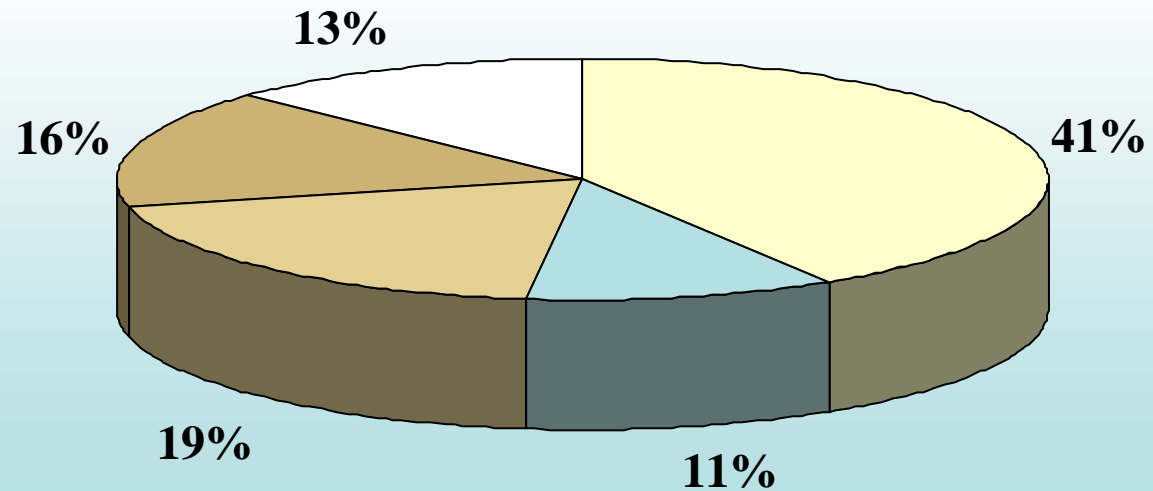




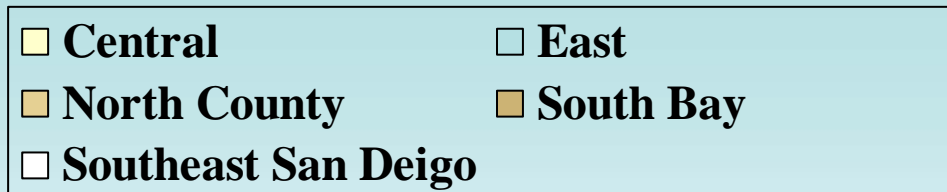
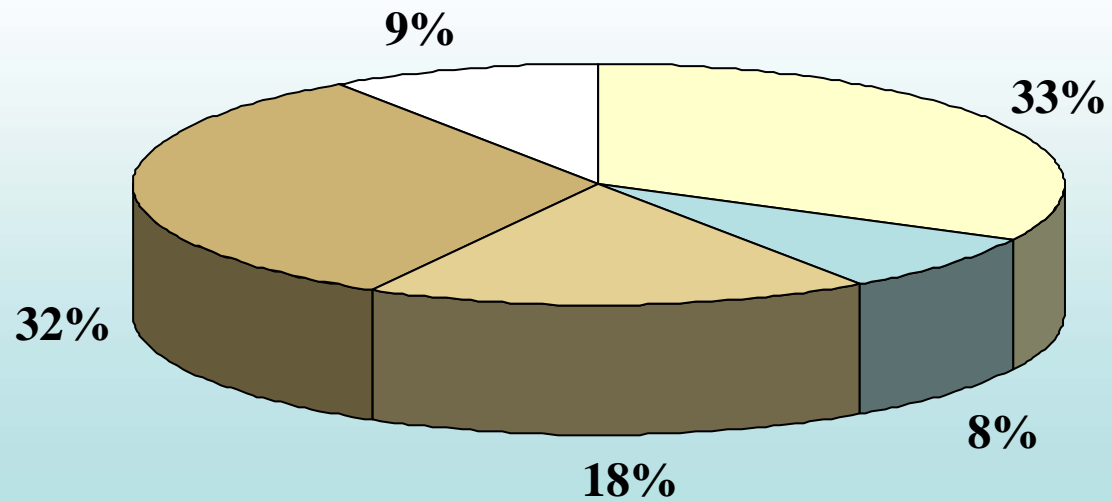
# Recent Male AIDS Cases by Region



# Cumulative Female AIDS Case by Region



# Recent Female AIDS Cases by Region

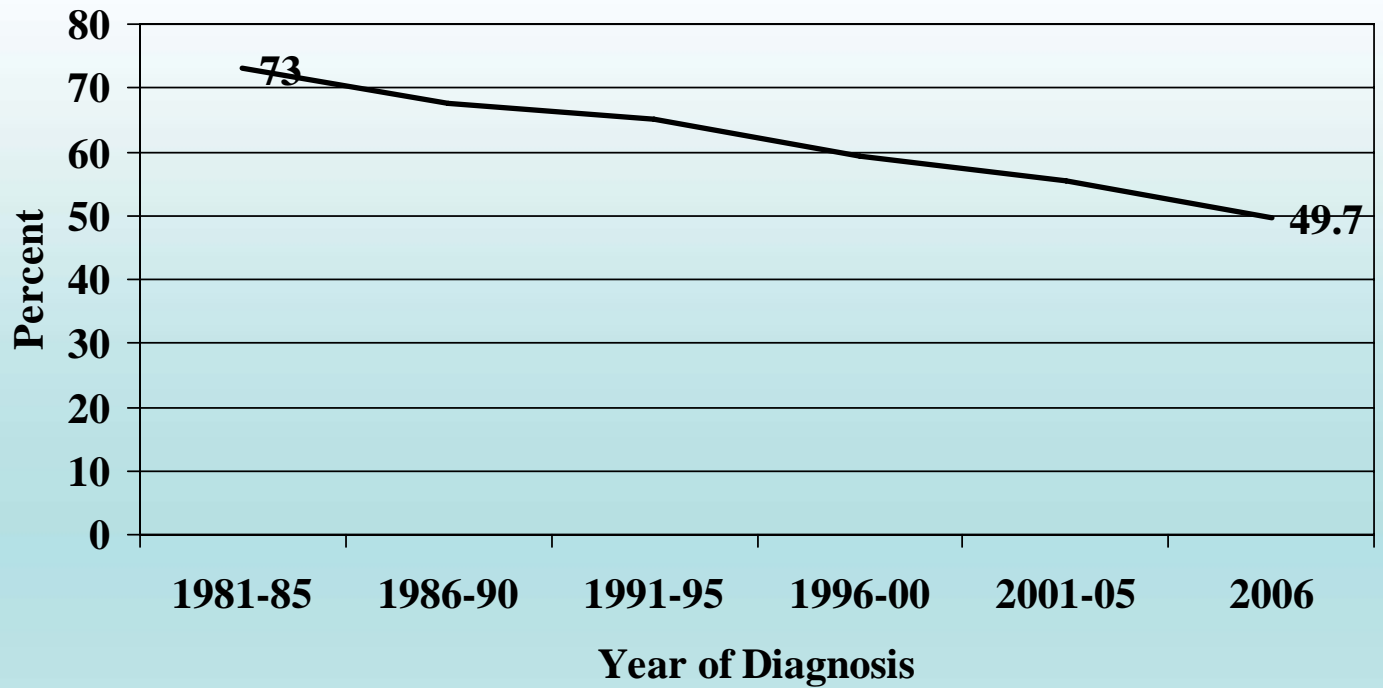


# San Diego County AIDS Cases

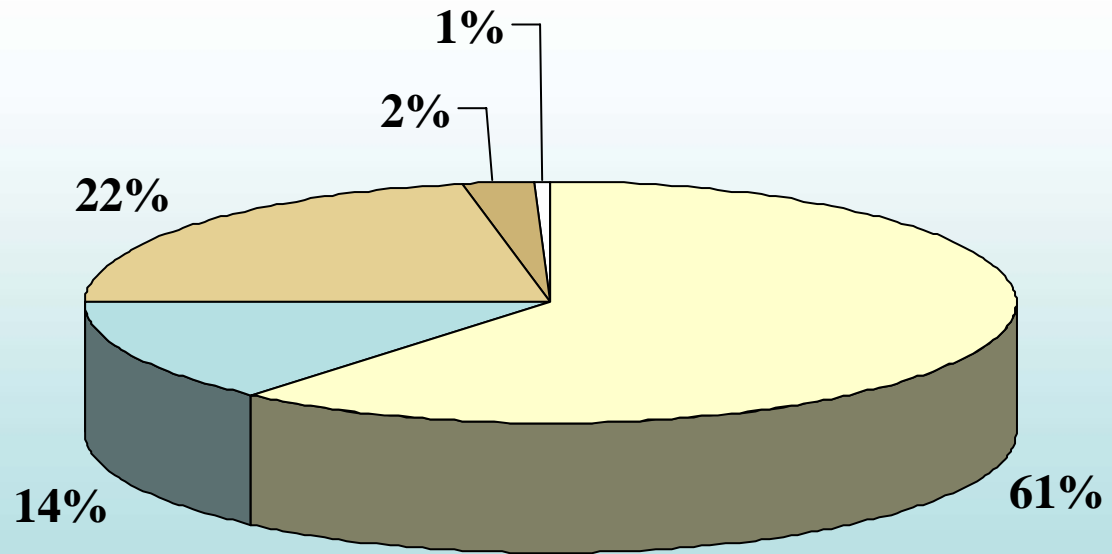
By Region

Reported through December  
31, 2006

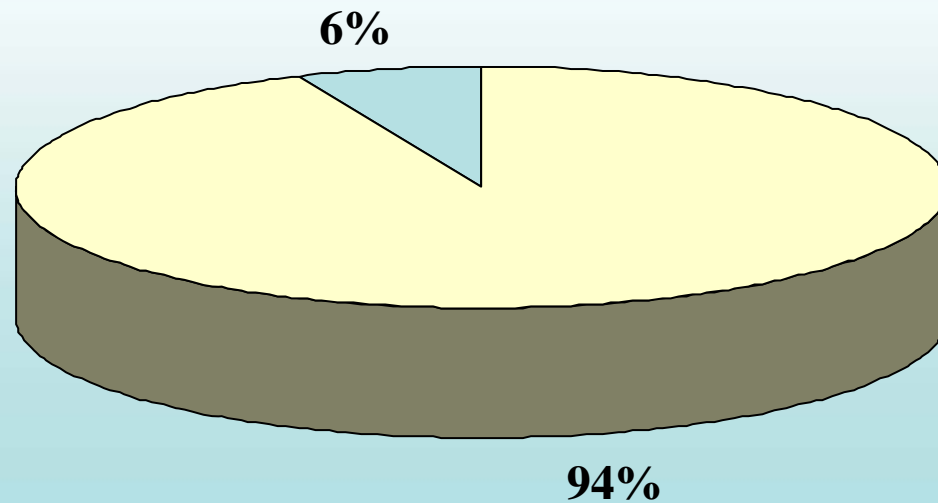
# Central San Diego Region



# Recent Central San Diego Region AIDS Cases by Race/Ethnicity

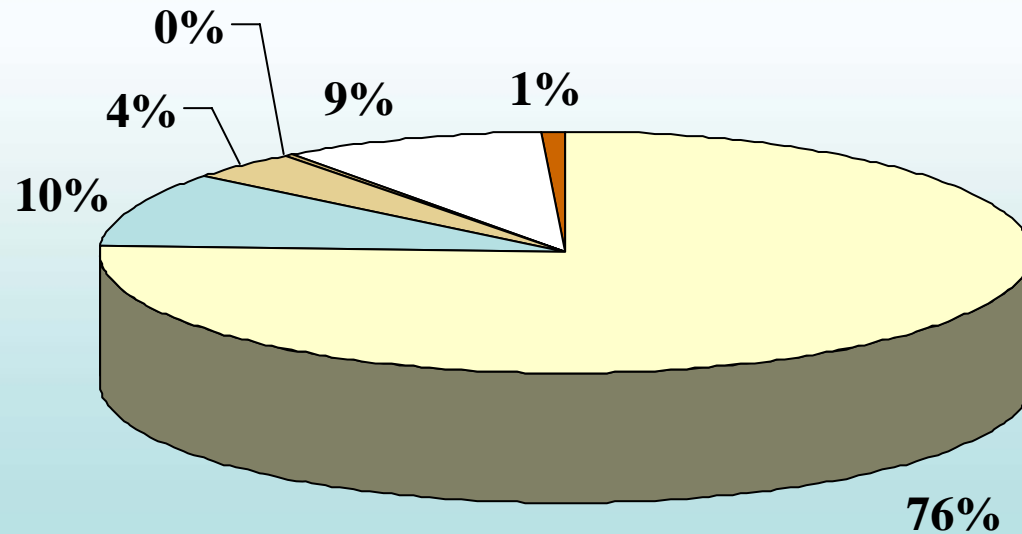


# Recent Central San Diego Region AIDS Cases by Gender



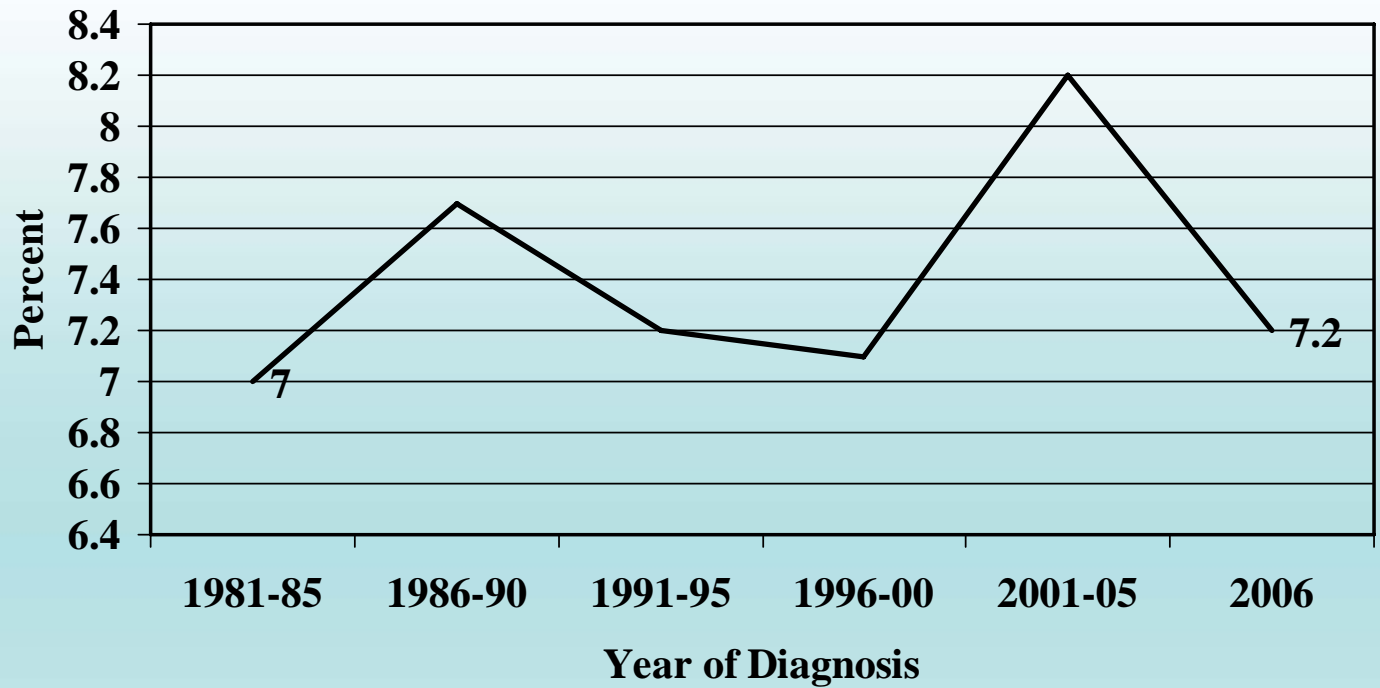
Male Female

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

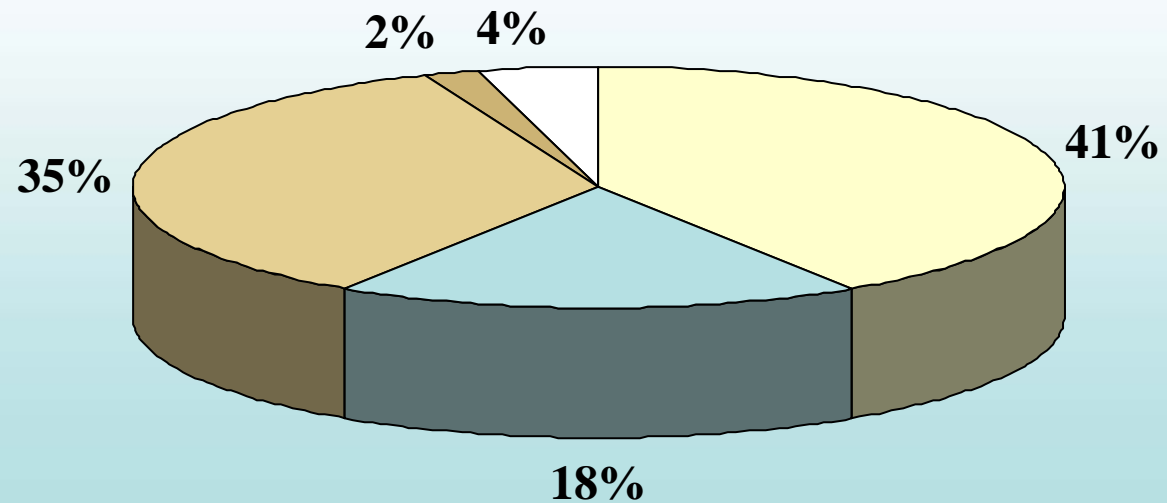




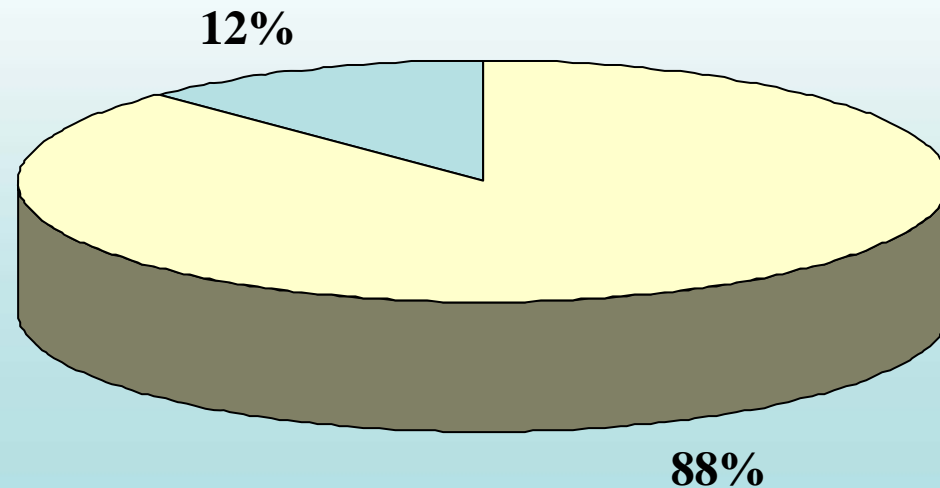
# East Region



# Recent East Region AIDS Cases by Race/Ethnicity

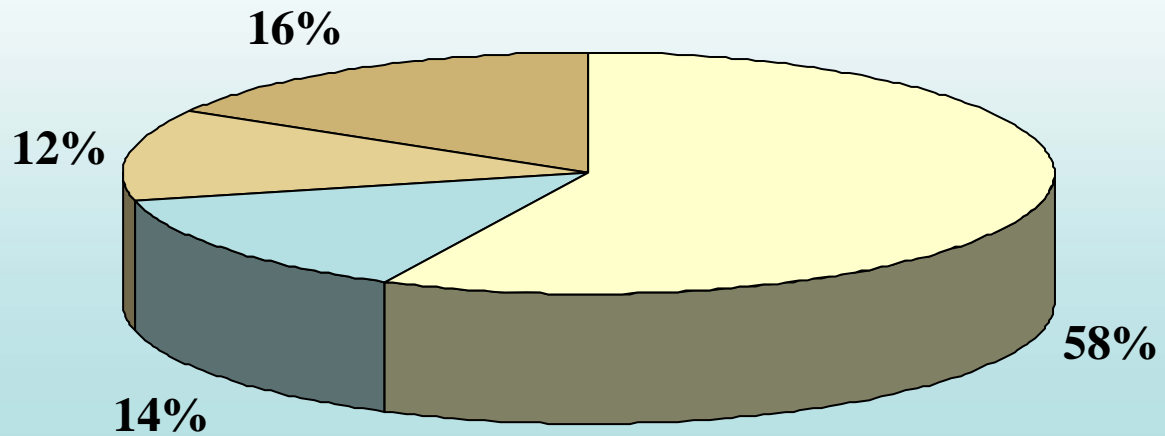


# Recent East Region AIDS Cases by Gender



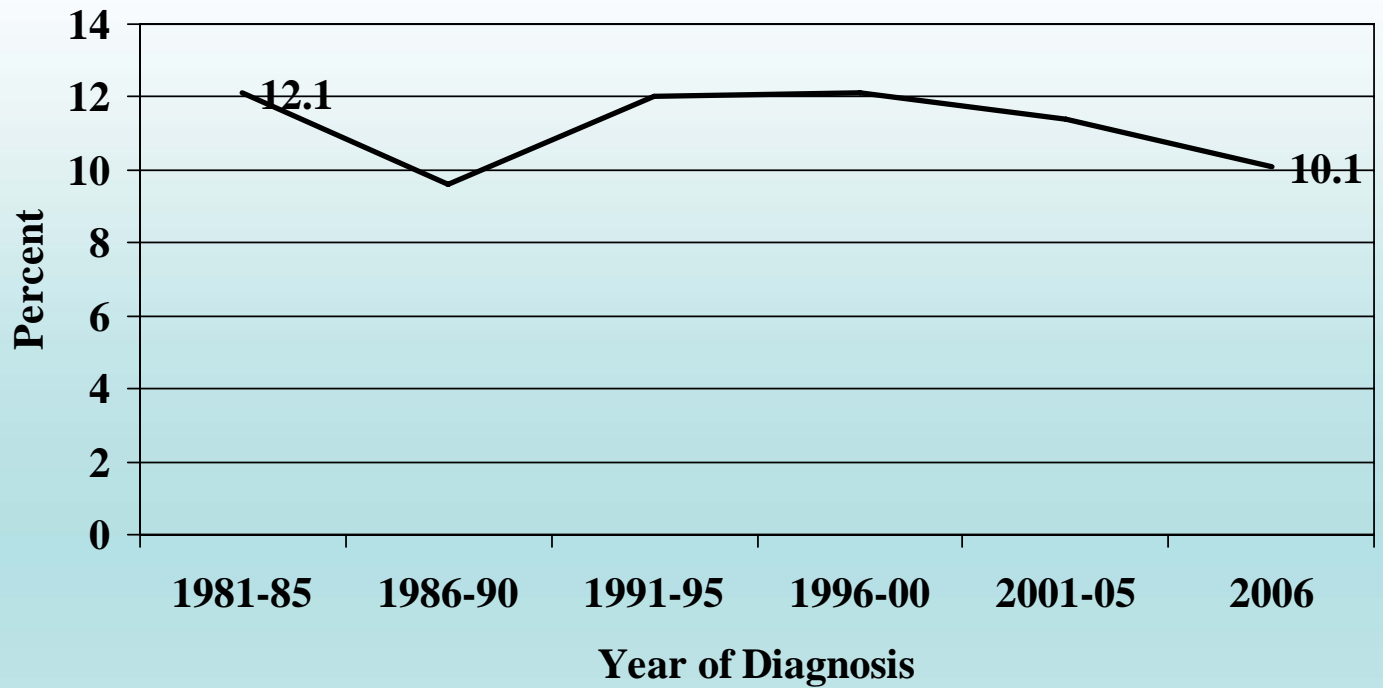
Male Female

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

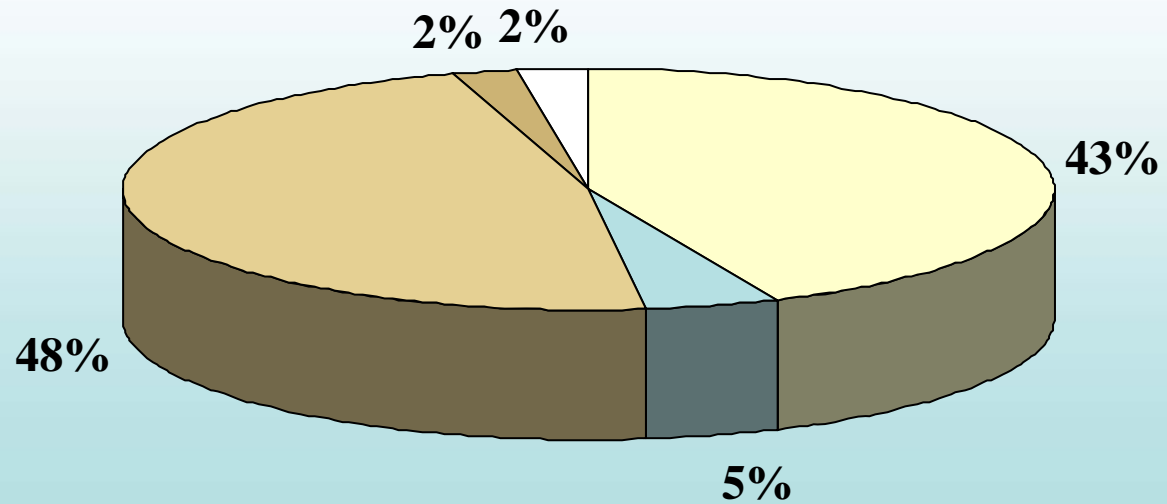


MSM MSM+IDU IDU Heterosexual

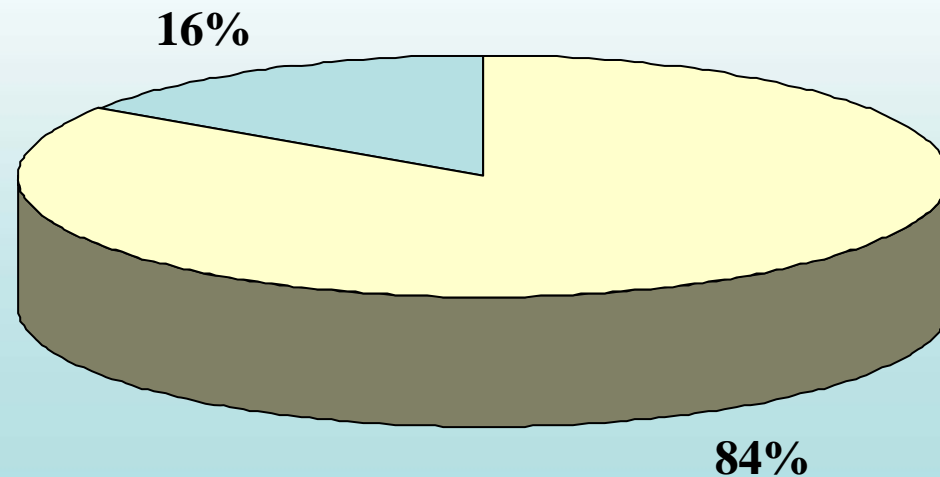
# North County Region



# Recent North County Region AIDS Case by Race/Ethnicity

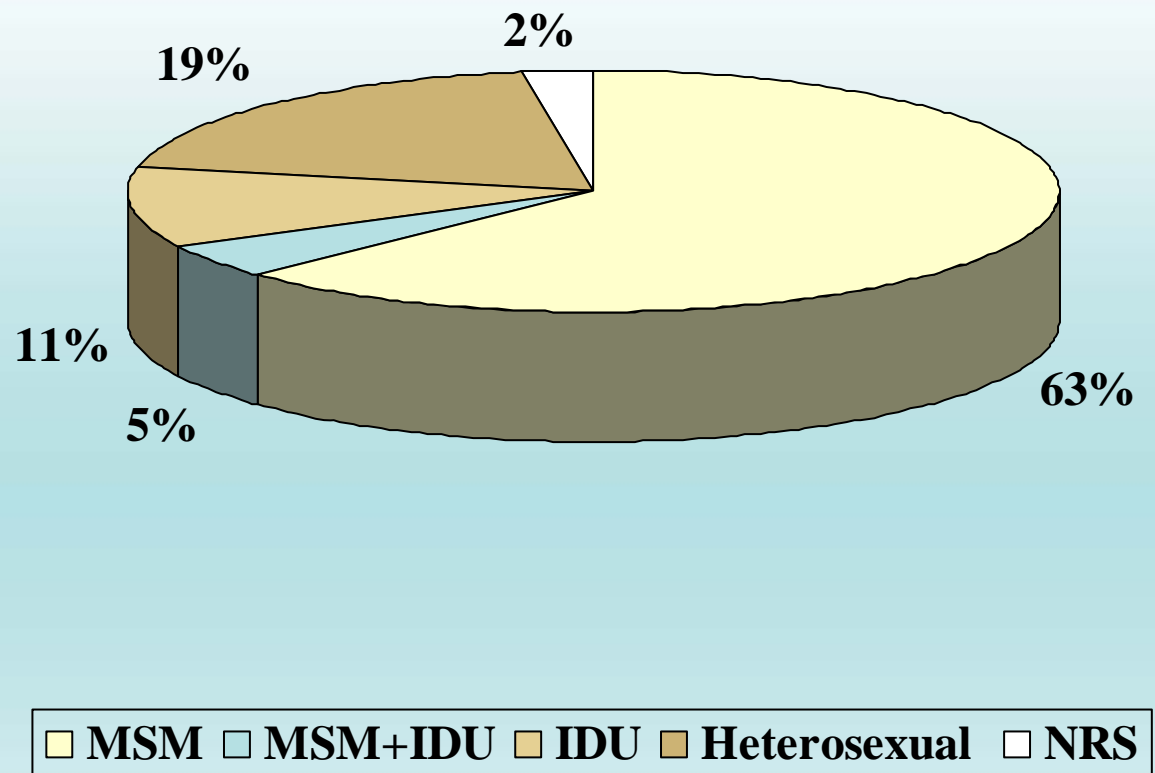


# Recent North County Region AIDS Cases by Gender



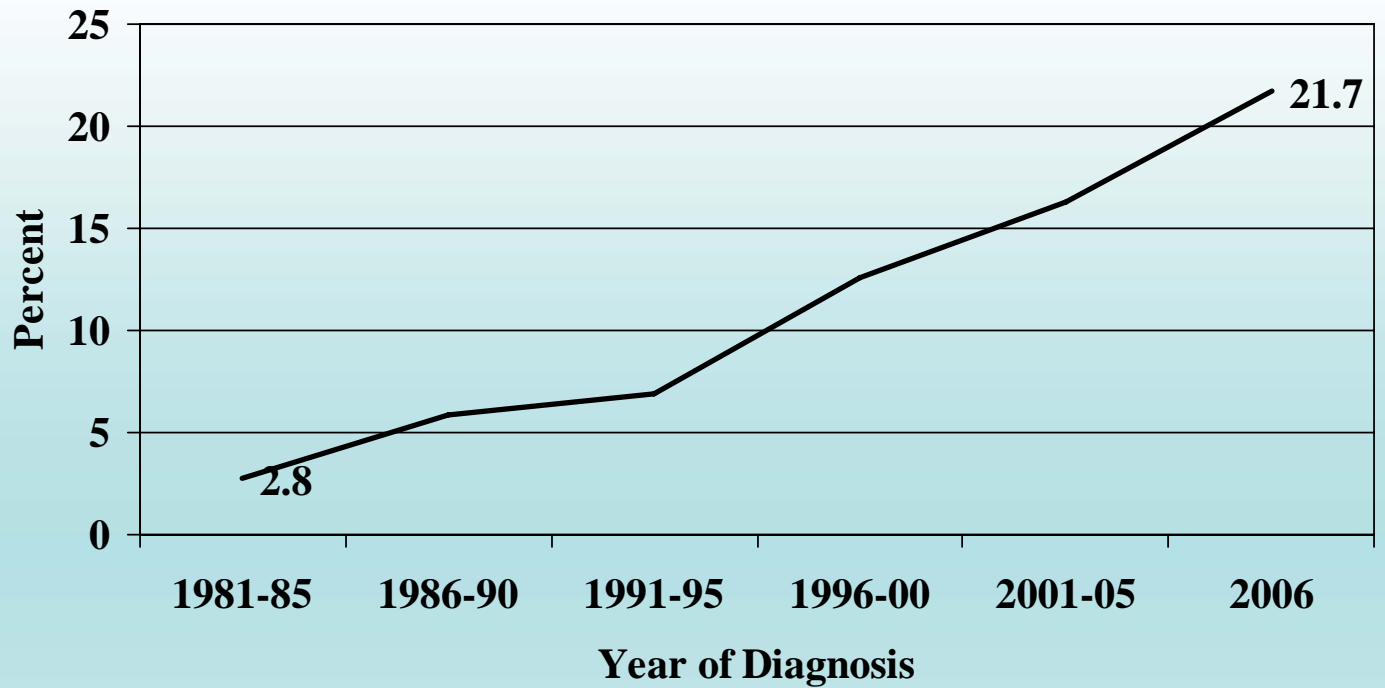
Male Female

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

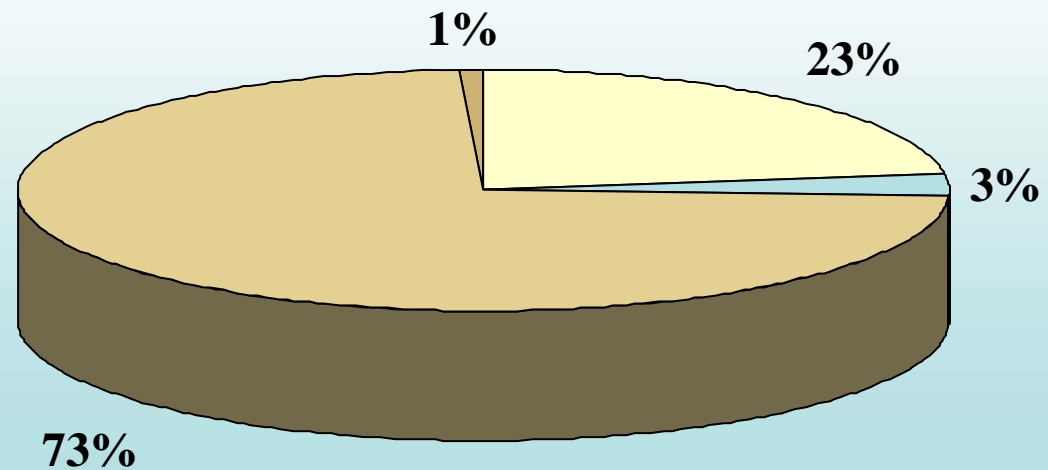




# South Bay Region

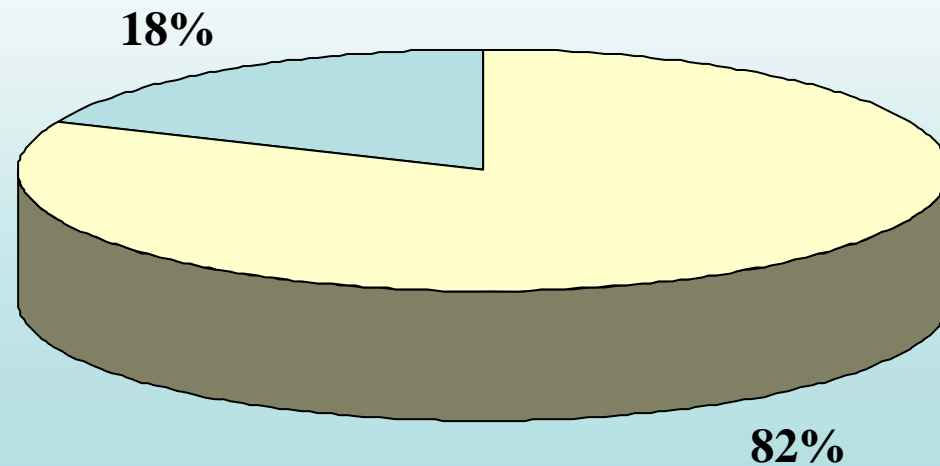


# Recent South Bay Region AIDS Cases by Race/Ethnicity



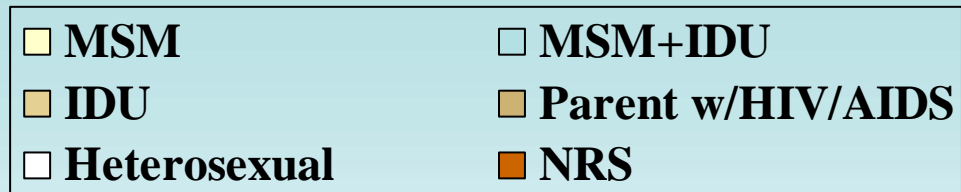
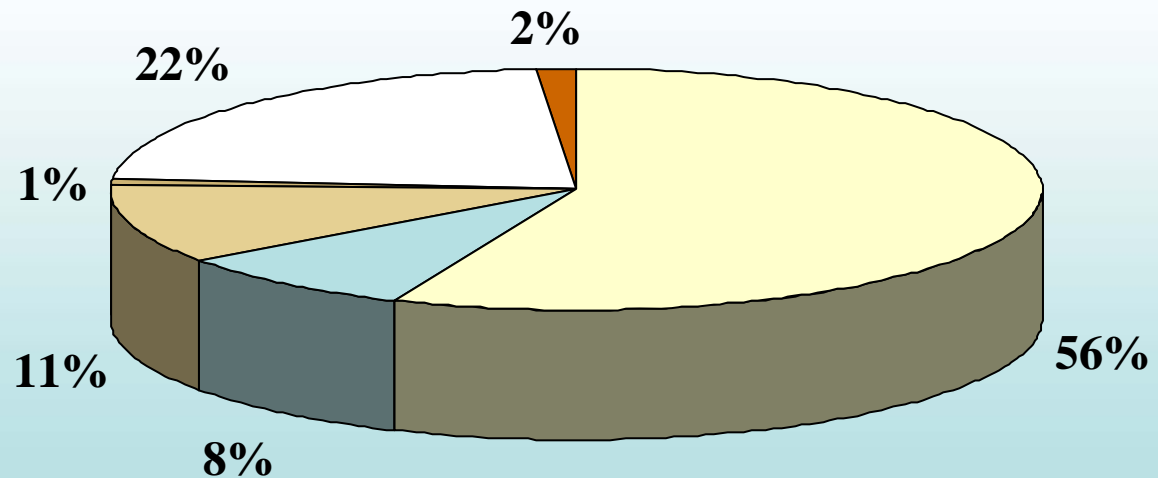
White Black Hispanic Asian/Pac Islander

# Recent South Bay Region AIDS Cases by Gender

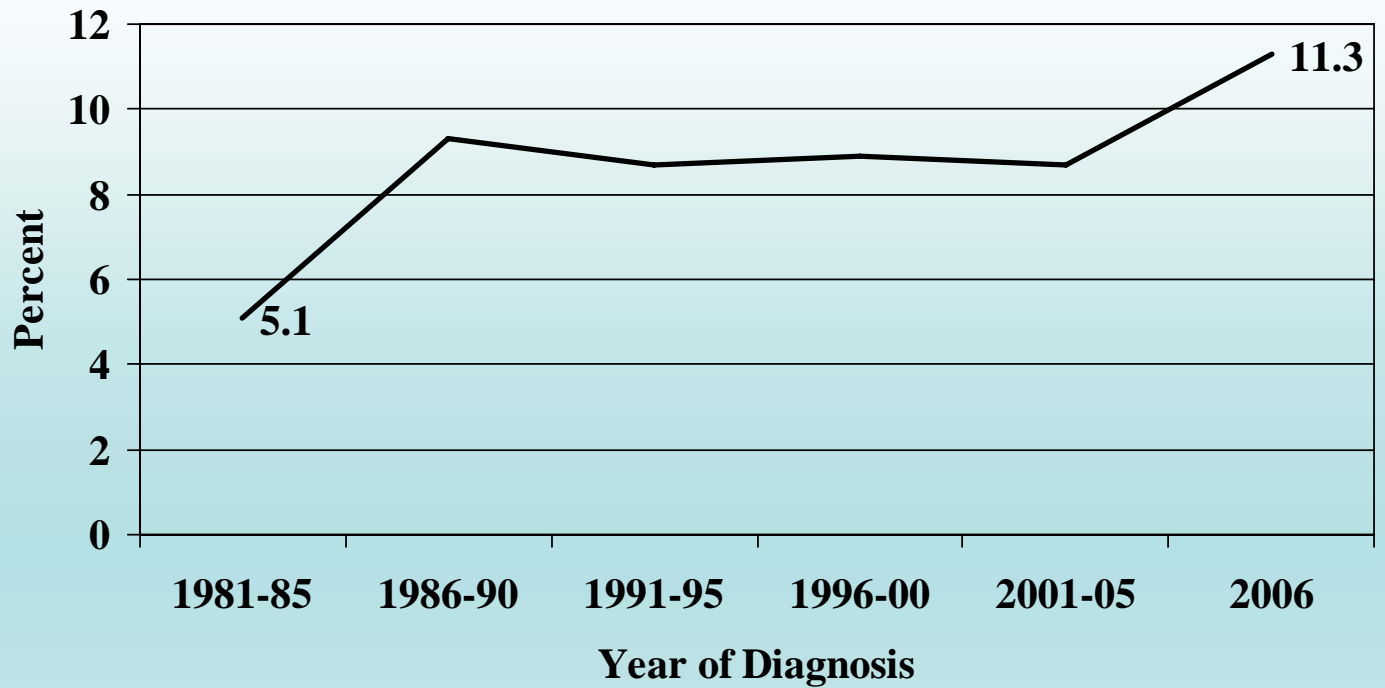


Male Female

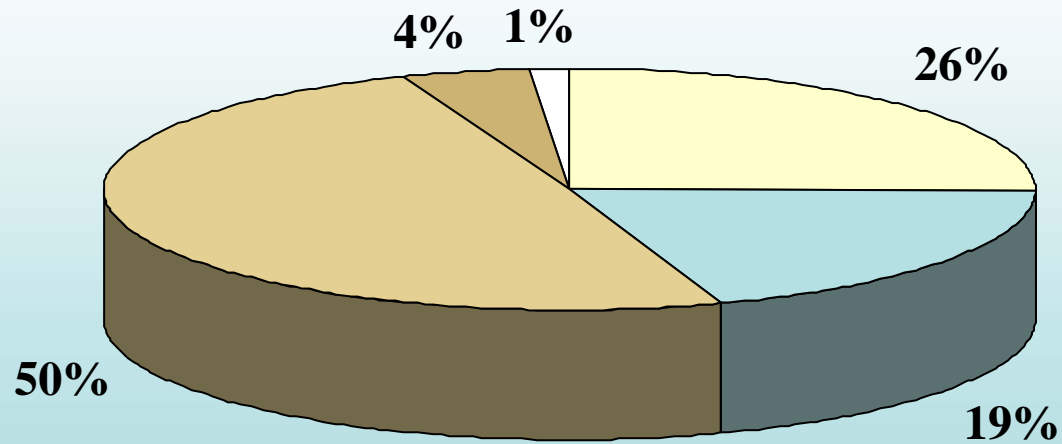
# Recent South Bay Region Adult/Adolescent AIDS Cases by Mode of Transmission



# Southeast San Diego Region

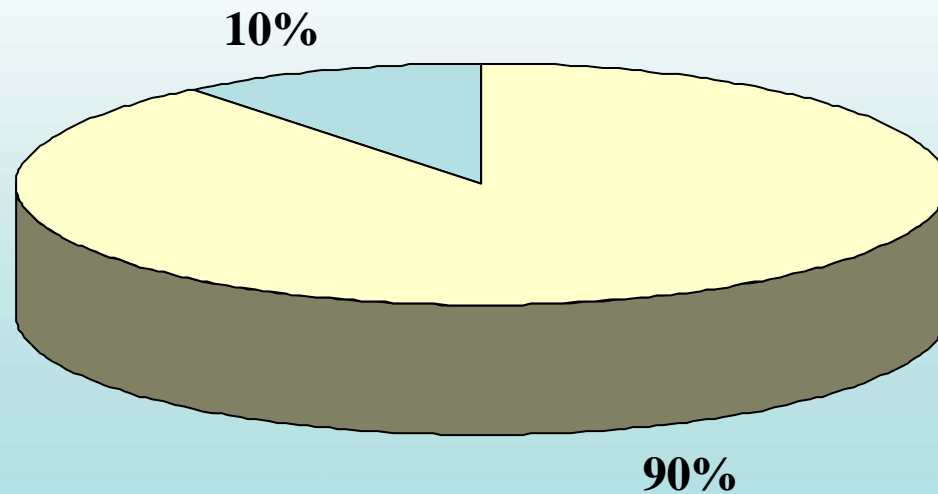


# Recent Southeast San Diego Region AIDS Cases by Race/Ethnicity



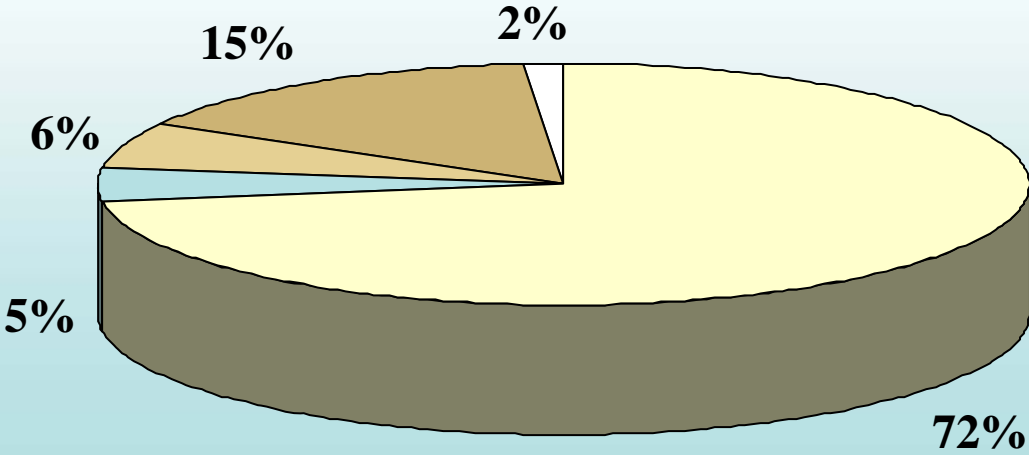
**White**      **Black**      **Hispanic**  
**Asian/Pac Islander**      **Native American**

# Recent Southeast San Diego Region AIDS Cases by Gender



Male Female

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



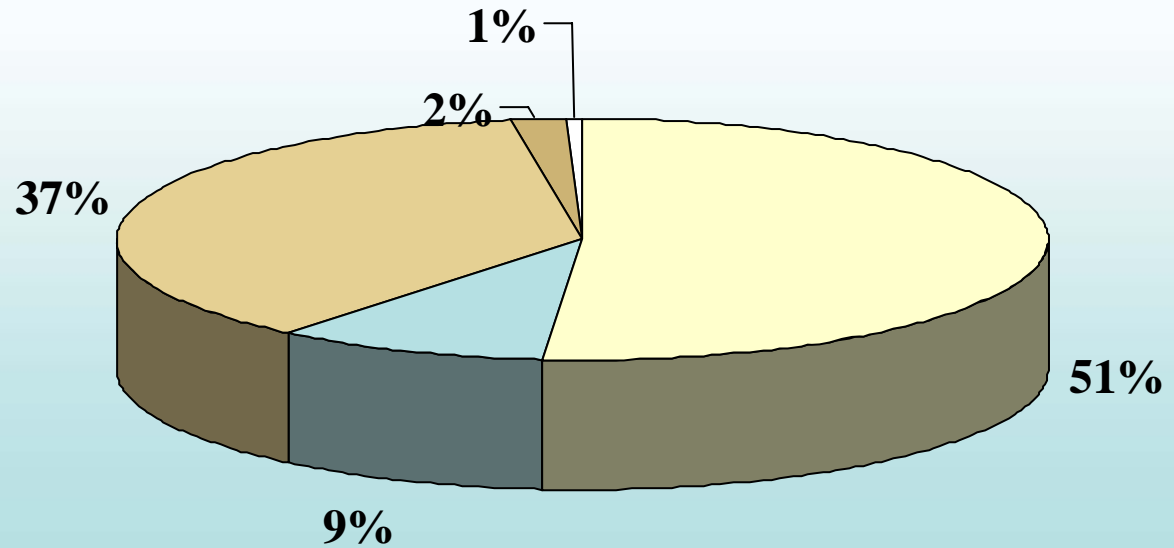
MSM MSM+IDU IDU Heterosexual NRS



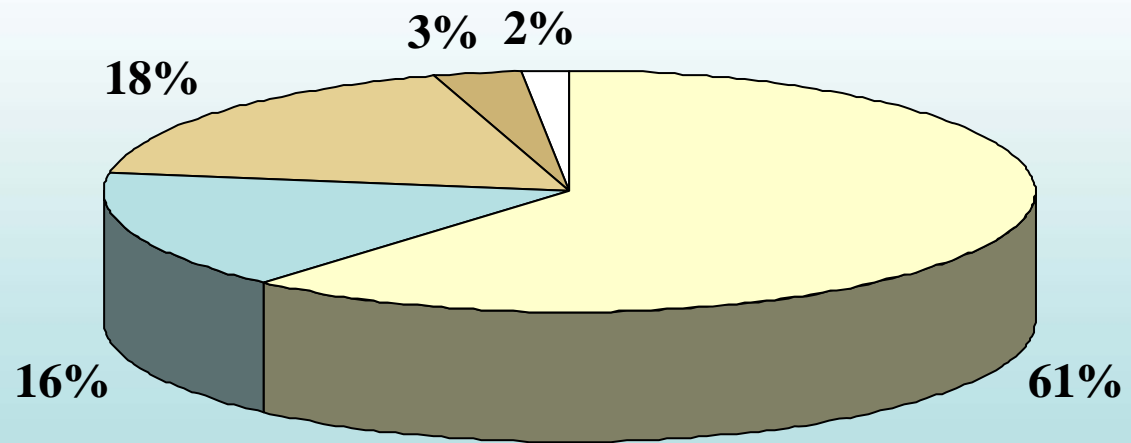
# Selected Characteristics of Interest

AIDS Cases Reported through  
December 31, 2006

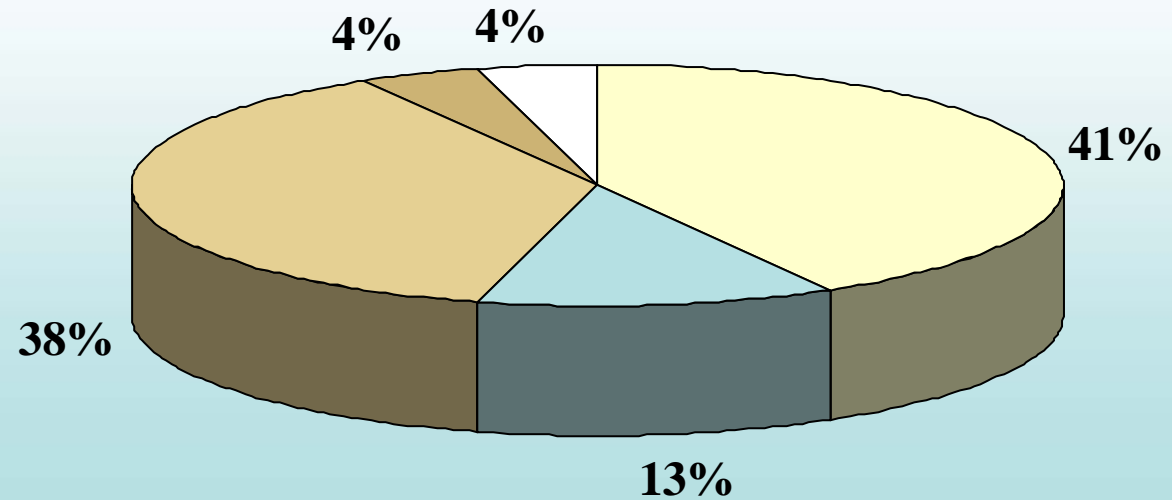
# Recent MSM Cases by Race/Ethnicity



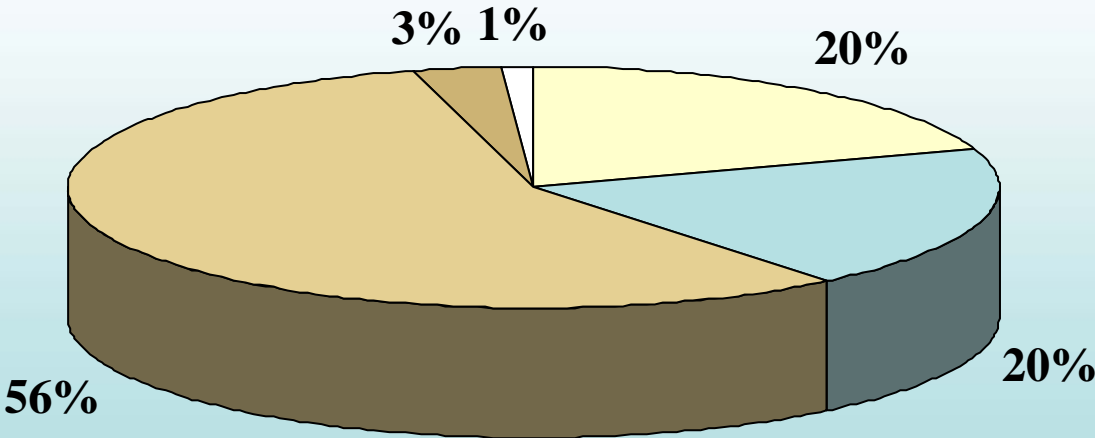
# Recent MSM+IDU Cases by Race/Ethnicity



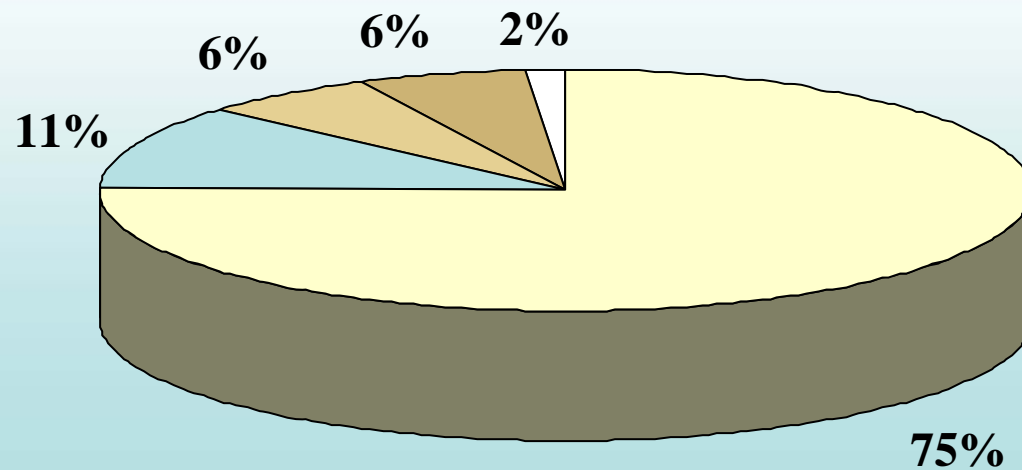
# Recent IDU Cases by Race/Ethnicity



# Recent Heterosexual Cases by Race/Ethnicity

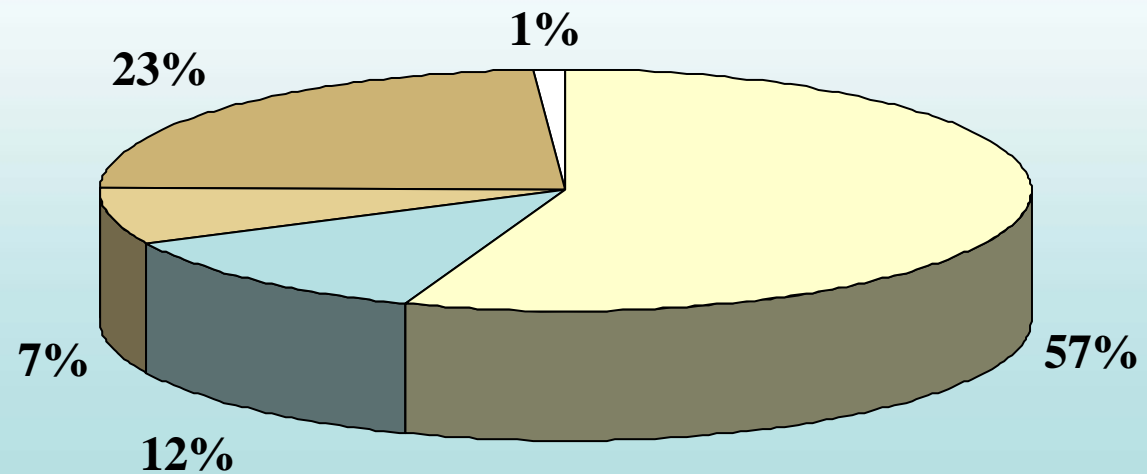


# Recent White Adult/Adolescent AIDS Cases by Mode of Transmission



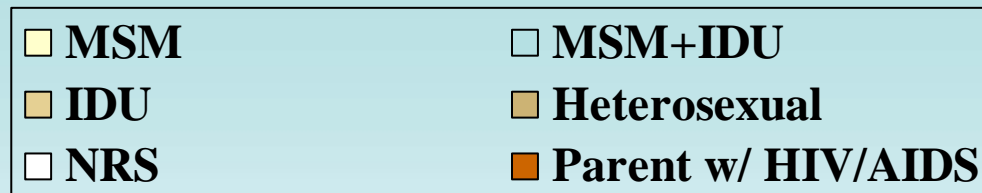
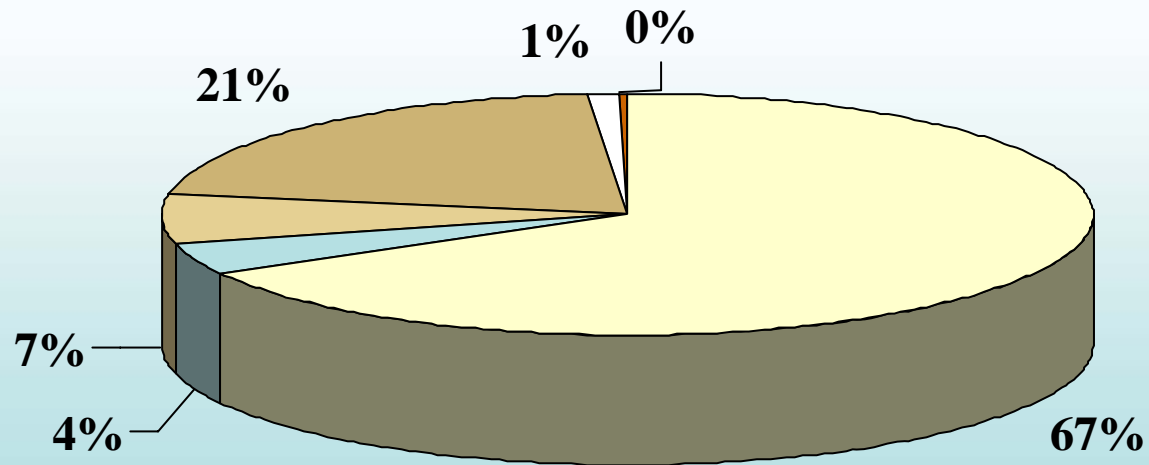
■ MSM ■ MSM+IDU ■ IDU ■ Heterosexual ■ NRS

# Recent Black Adult/Adolescent AIDS Cases by Mode of Transmission



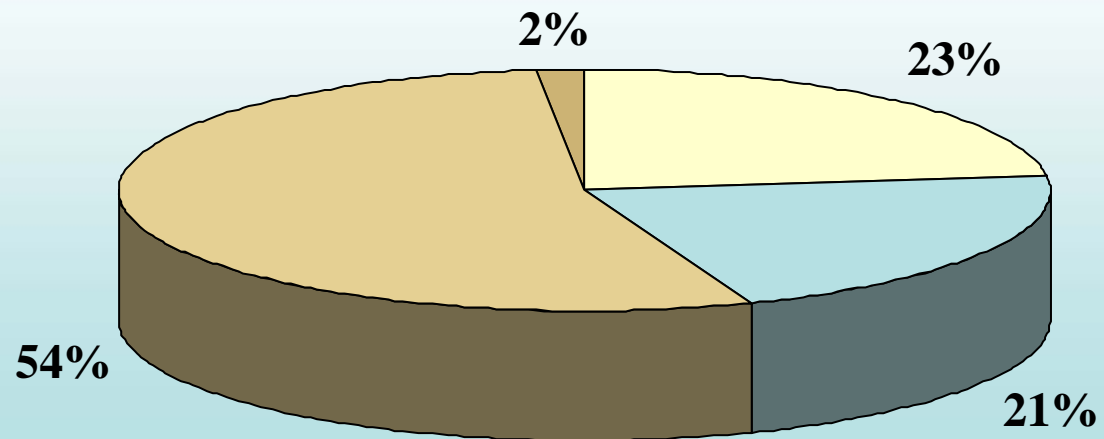
■ MSM ■ MSM+IDU ■ IDU ■ Heterosexual ■ NRS

# Recent Hispanic Adult/Adolescent AIDS Cases by Mode of Transmission



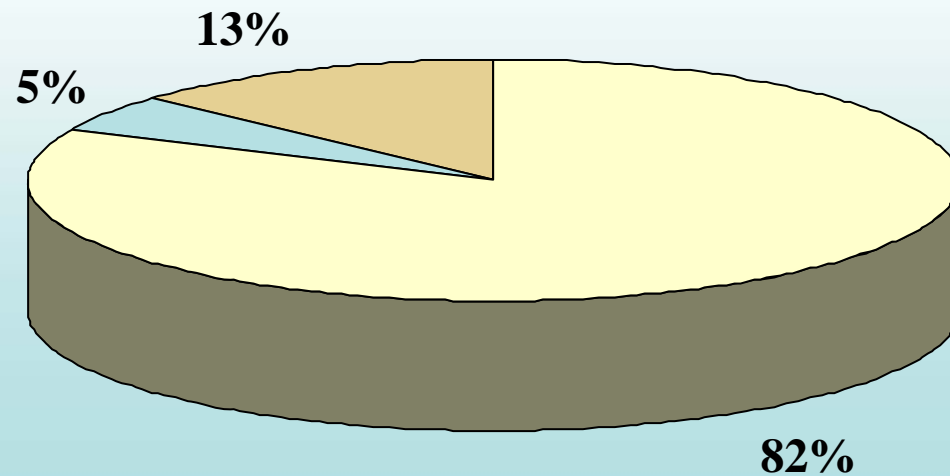


# Cumulative Pediatric AIDS Case by Race/Ethnicity



White Black Hispanic Asian/Pac Islander

# Cumulative Pediatric AIDS Cases by Mode of Transmission

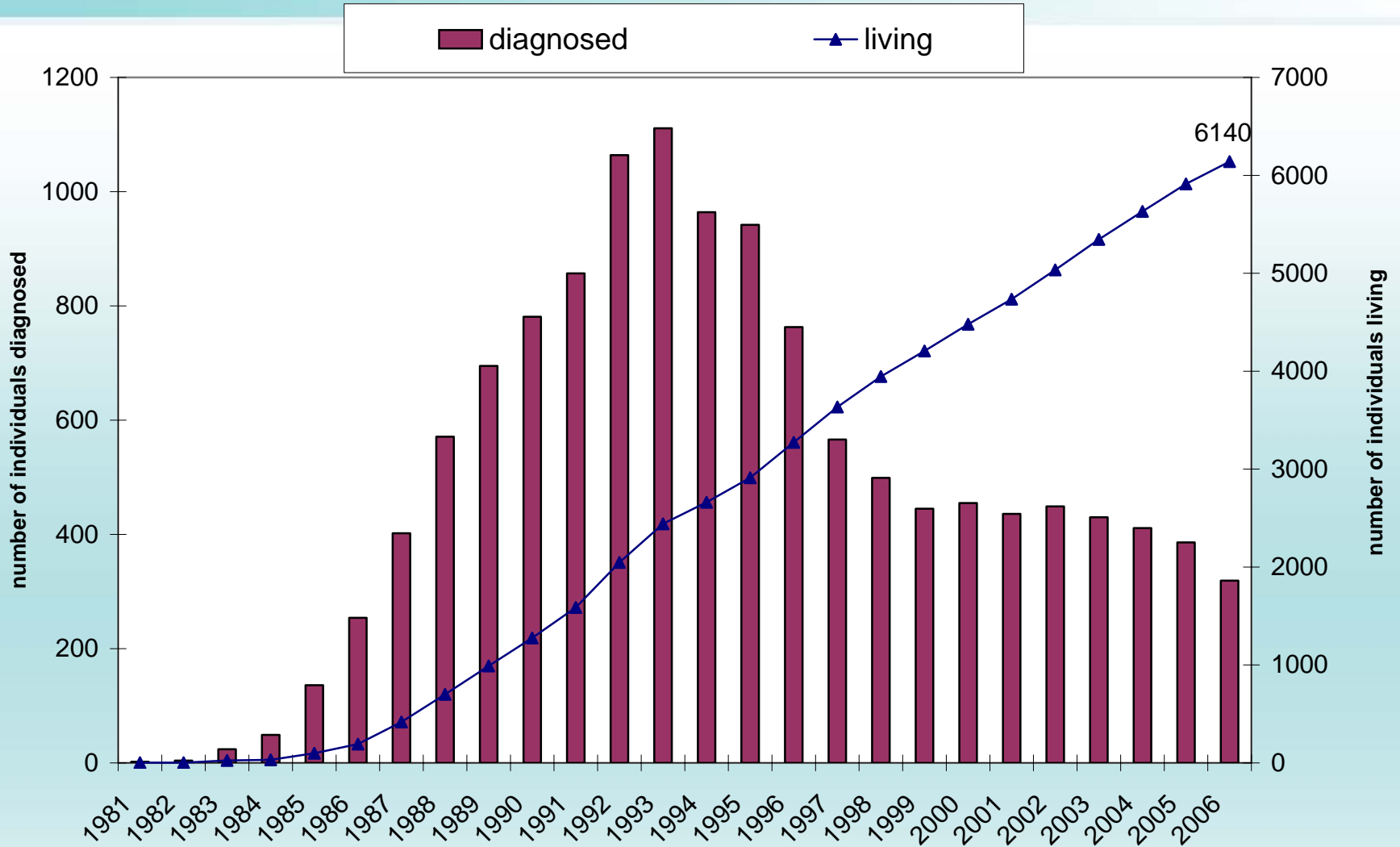


**Parent w/ HIV/AIDS** **Hemophilia** **Transfusion**

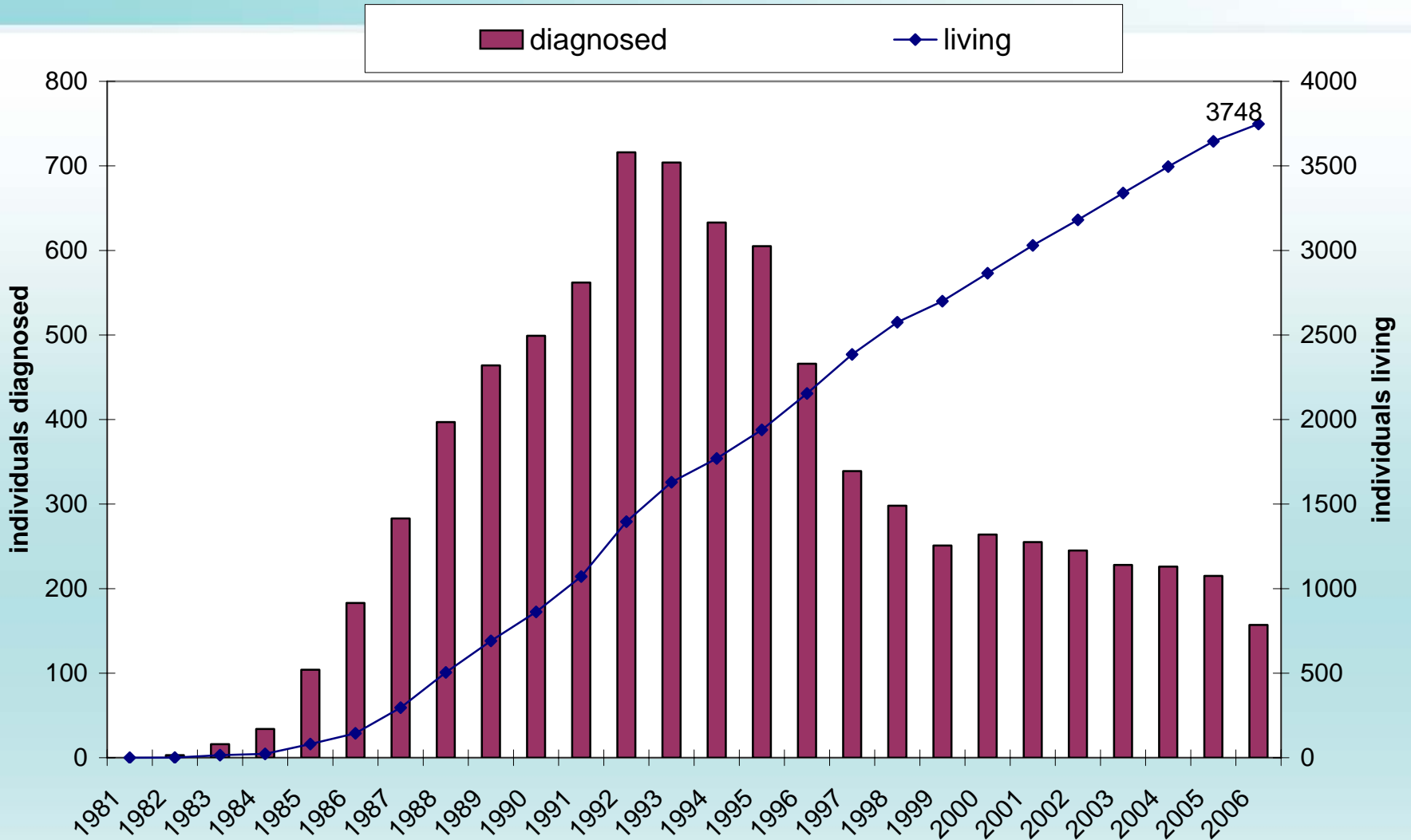
# San Diego County AIDS Cases

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

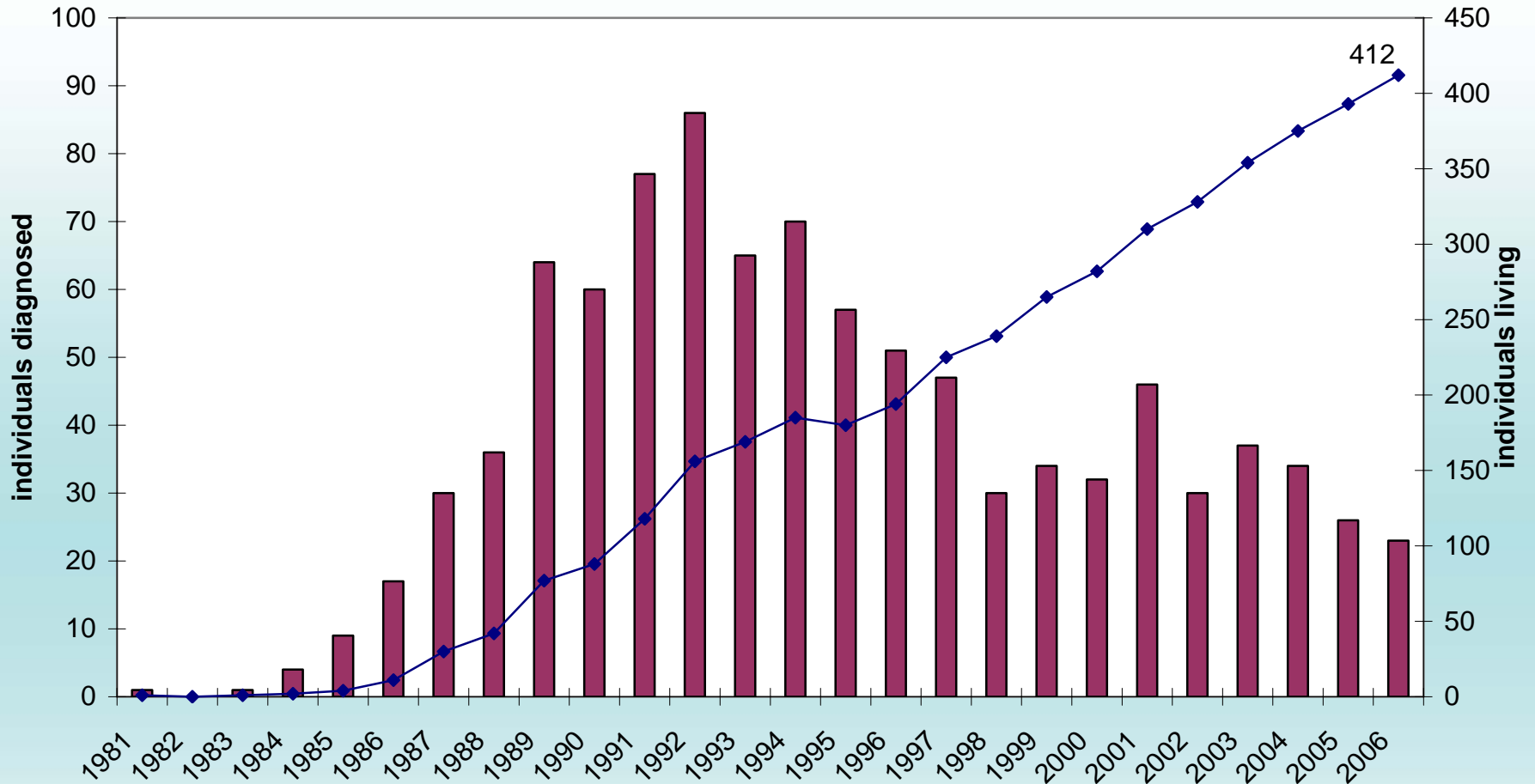
# County of San Diego - Individuals Diagnosed and Living with AIDS



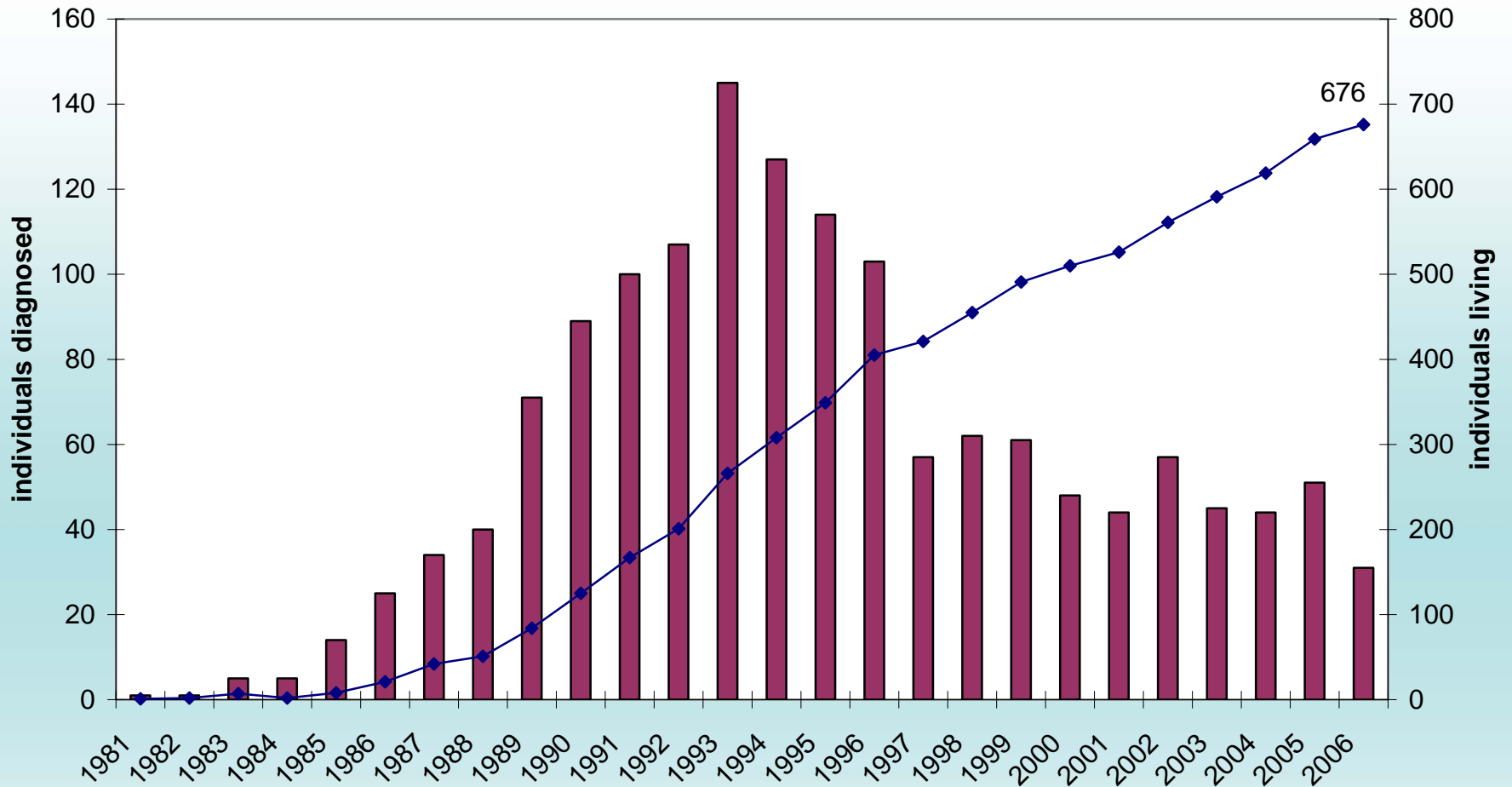
# HSHB Central Region - Individuals Diagnosed and Living with AIDS



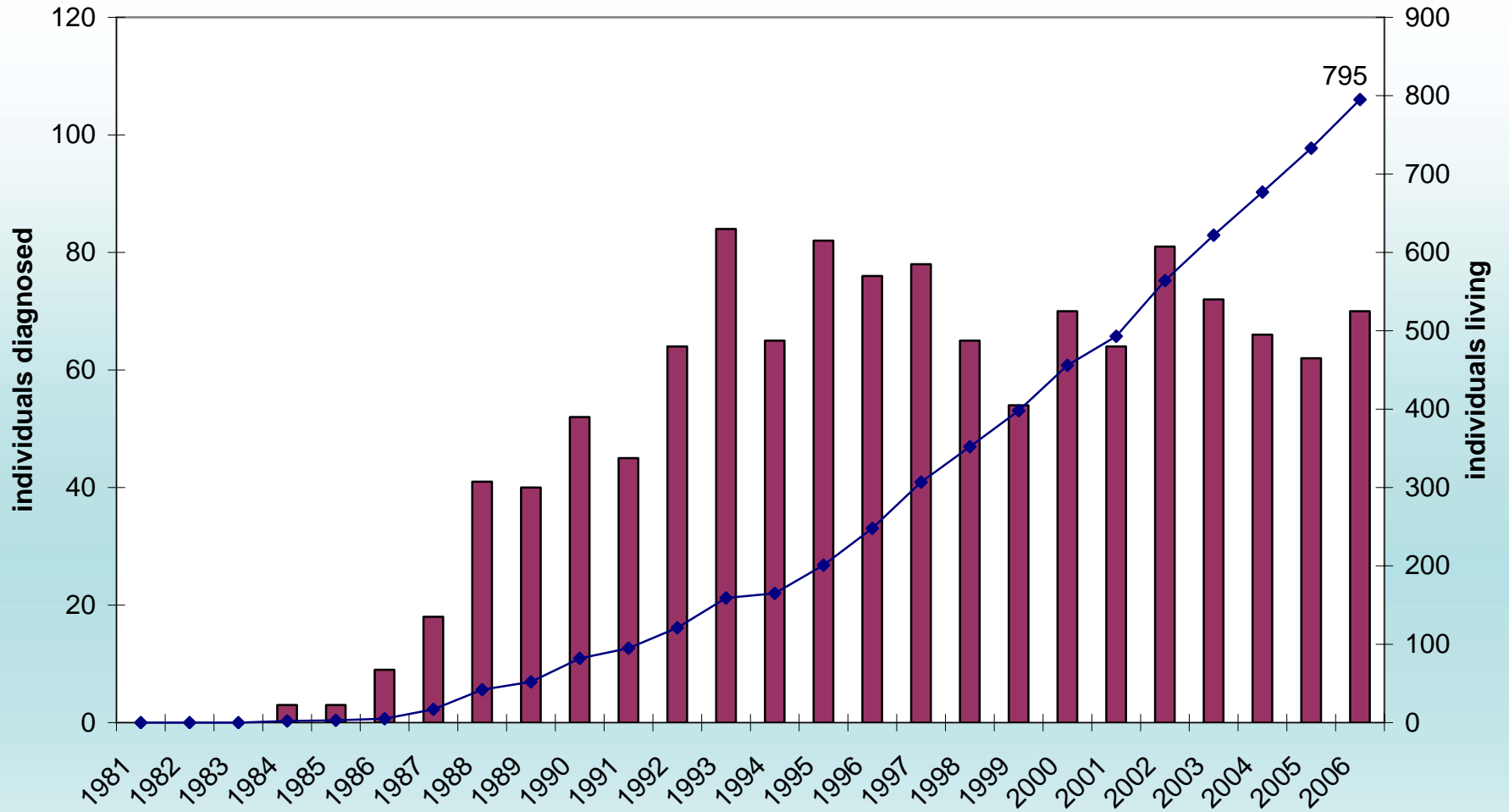
# HSHB East Region - Individuals Diagnosed and Living with AIDS



# HSHB North Region - Individuals Diagnosed and Living with AIDS

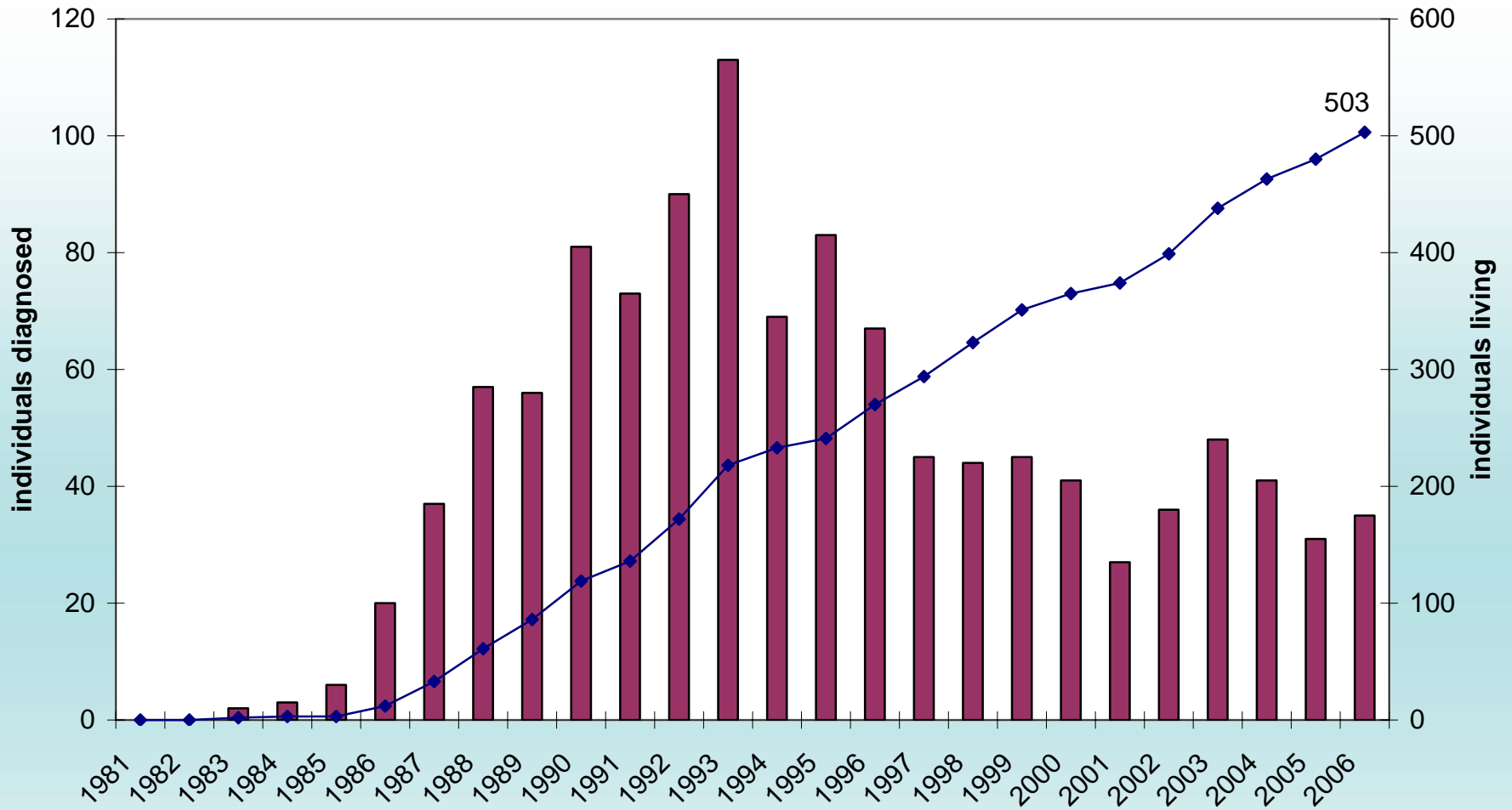


# HSHB South Bay Region - Individuals Diagnosed and Living with AIDS at Year End





# 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)

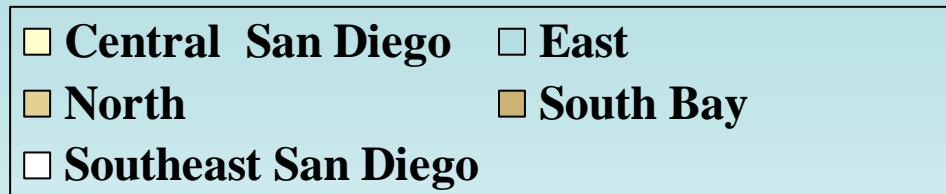
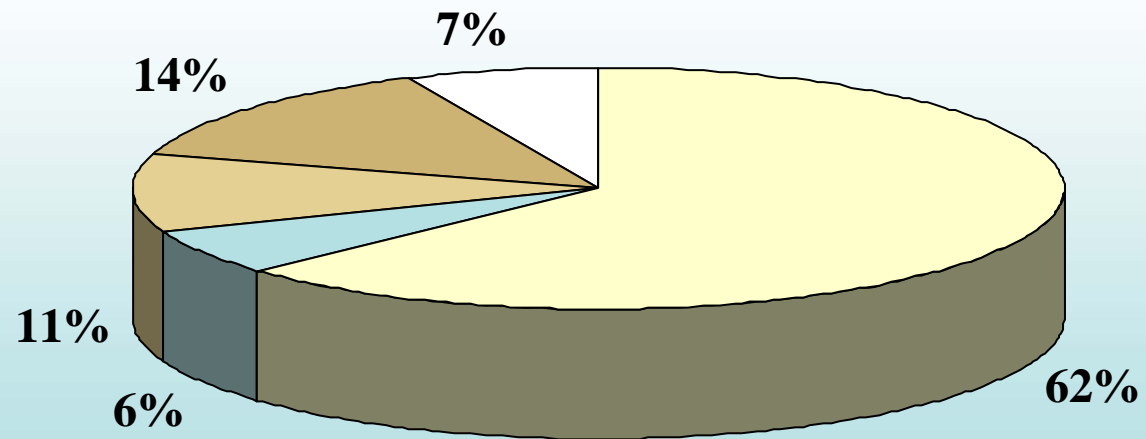
- Heterosexual transmission continues to be the transmission category with the greatest number of cases for women
- Central San Diego continues to be the region with the greatest number of AIDS cases
- South Bay continues to be the region with the second greatest number of AIDS cases
- Women account 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

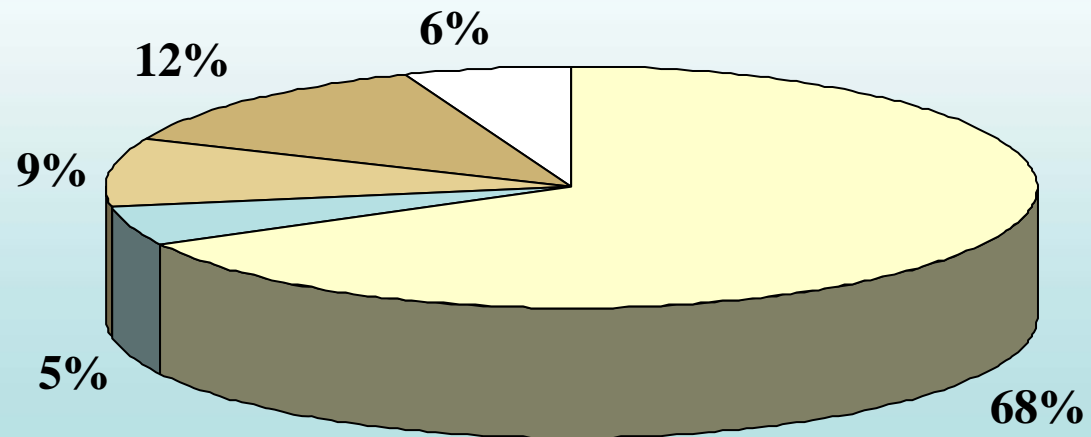
# Notes

- 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

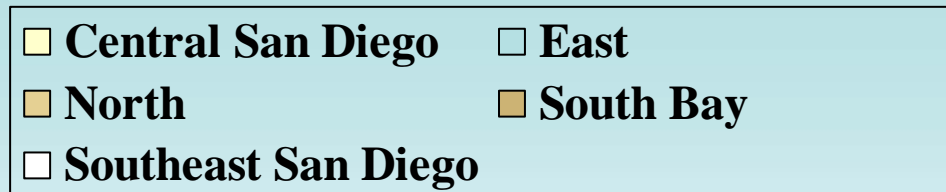
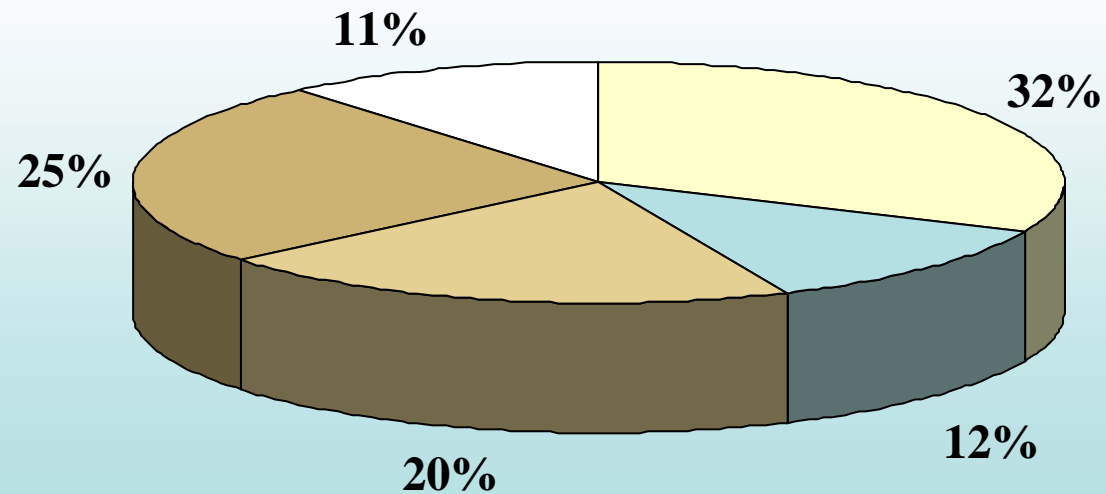


# Proportion of Male HIV Cases by Region



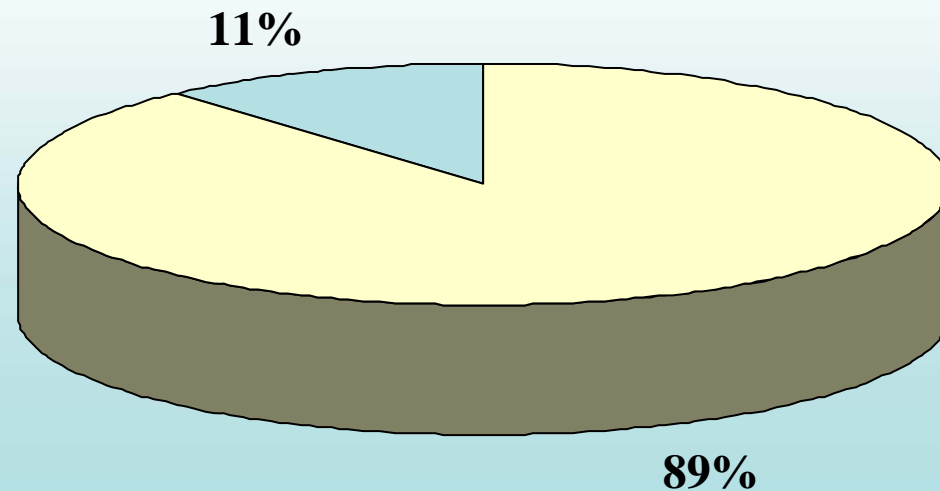
■ Central San Diego ■ East ■ North ■ South Bay ■ Southeast

# Proportion of Female HIV Cases by Region



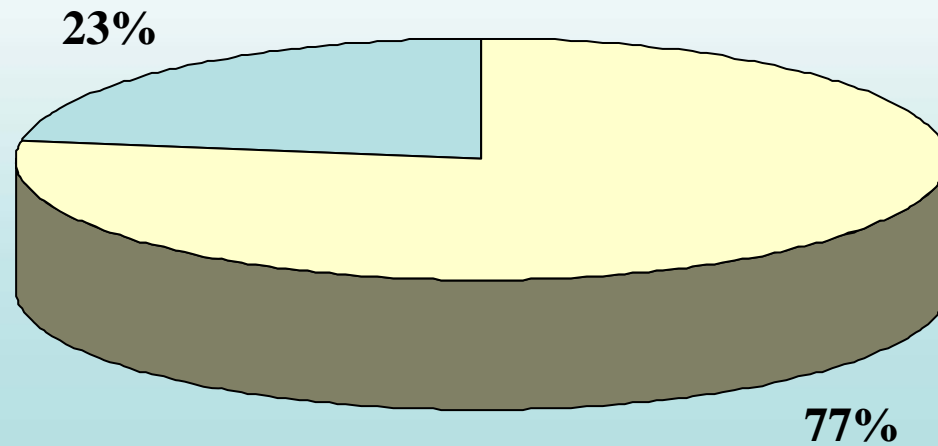


# Countywide HIV Cases by Gender



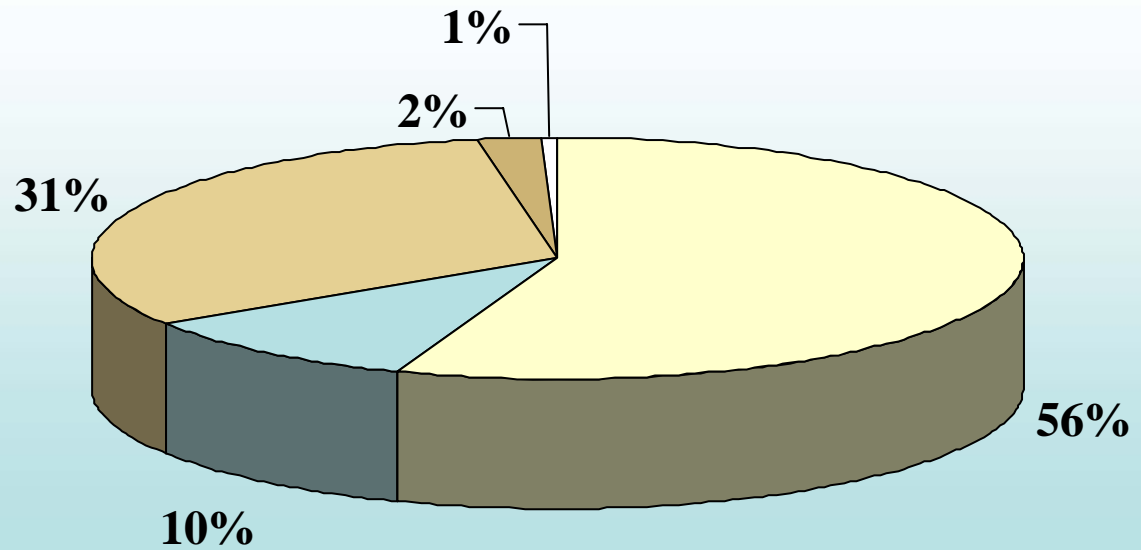
Male Female

# East Region HIV Cases by Gender

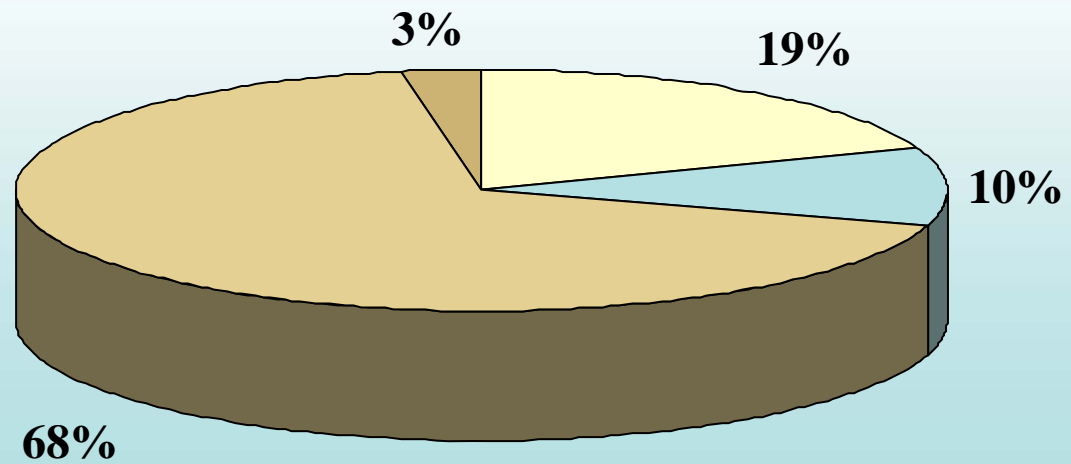


Male Female

# Countywide HIV Cases by Race/Ethnicity

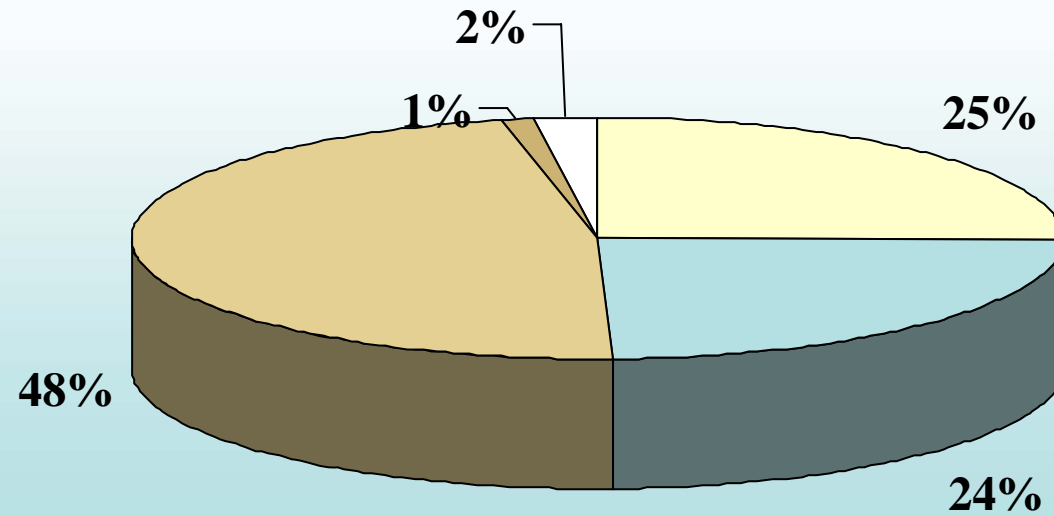


# South Bay Region HIV Cases by Race/Ethnicity

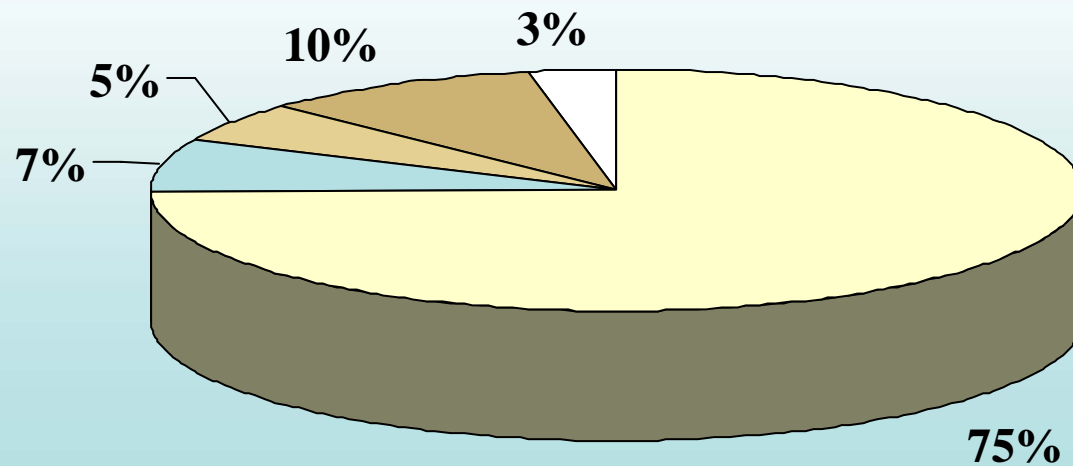


White Black Hispanic Asian/Pac Islander

# Southeast San Diego Region HIV Cases by Race/Ethnicity

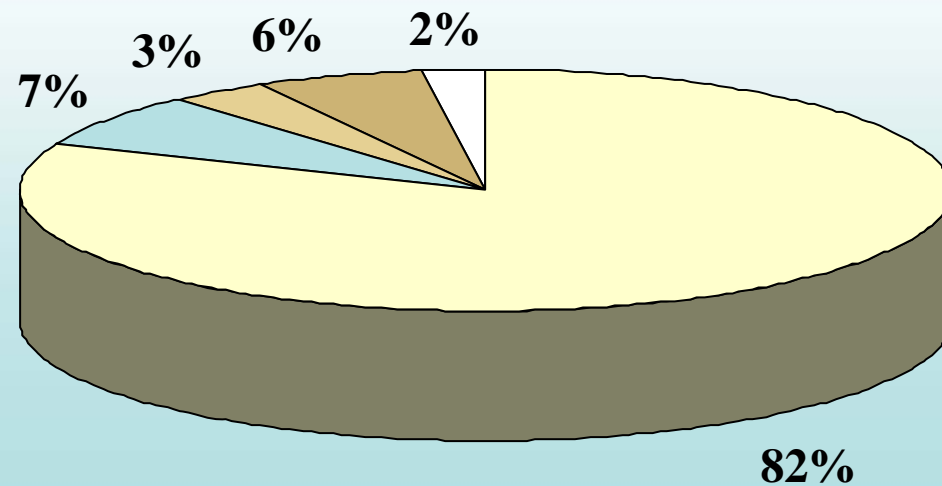


# Countywide Adult/Adolescent HIV Cases by Mode of Transmission



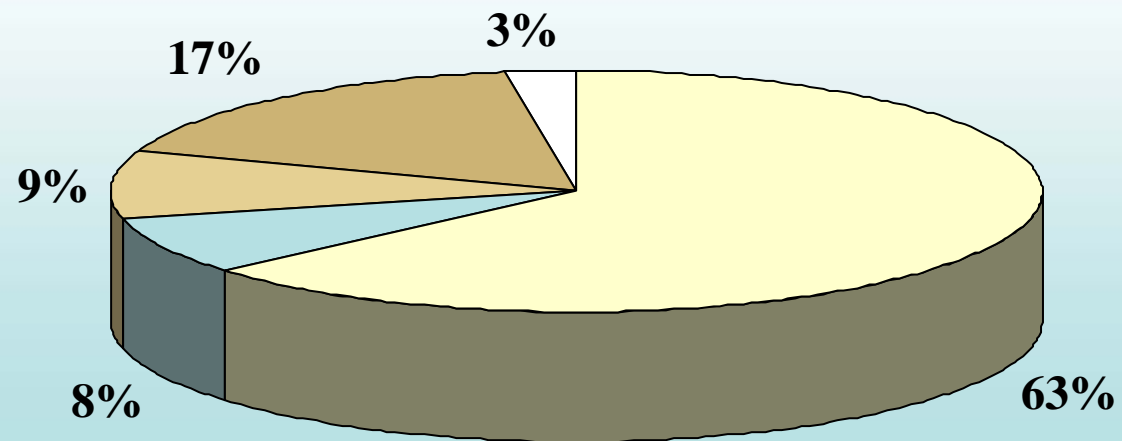
■ MSM ■ MSM+IDU ■ IDU ■ Heterosexual ■ NRS

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



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

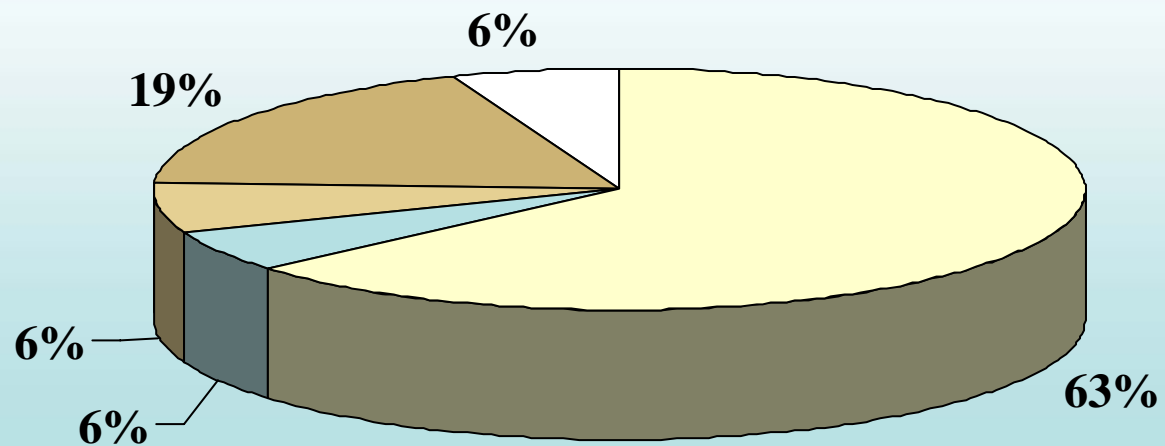
# East Region Adult/Adolescent HIV Cases by Mode of Transmission



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

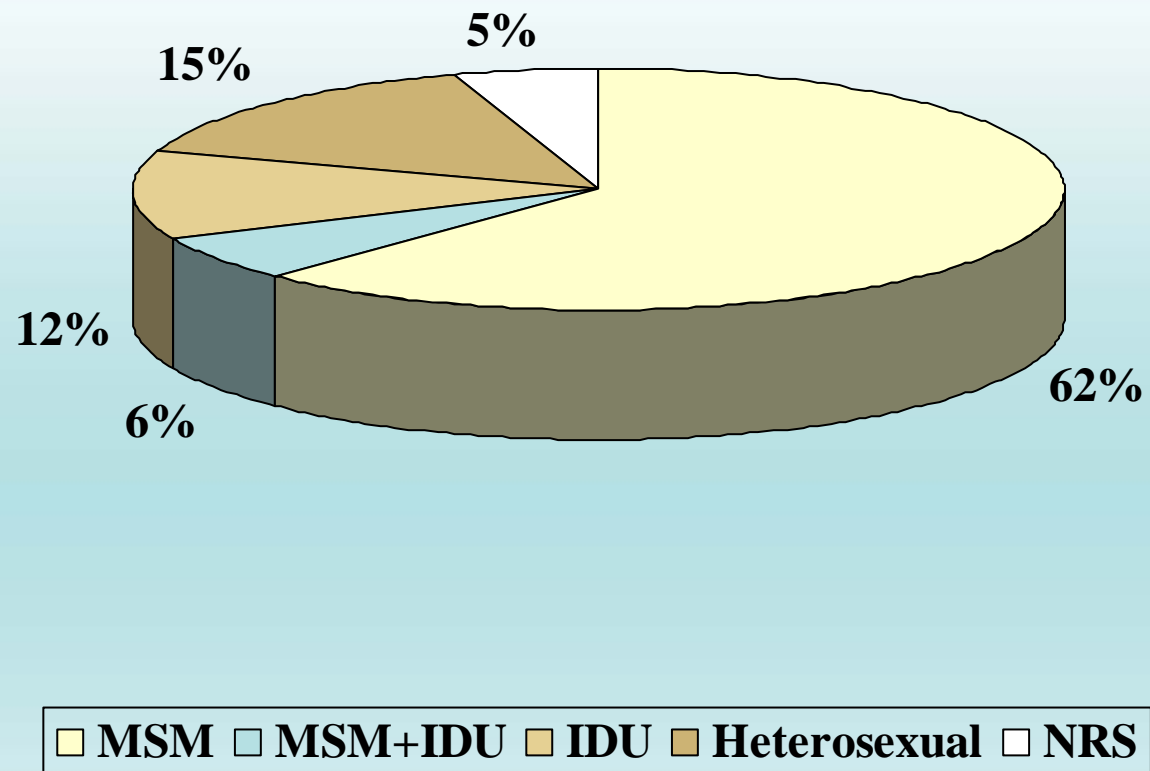


# North Region Adult/Adolescent HIV Cases by Mode of Transmission

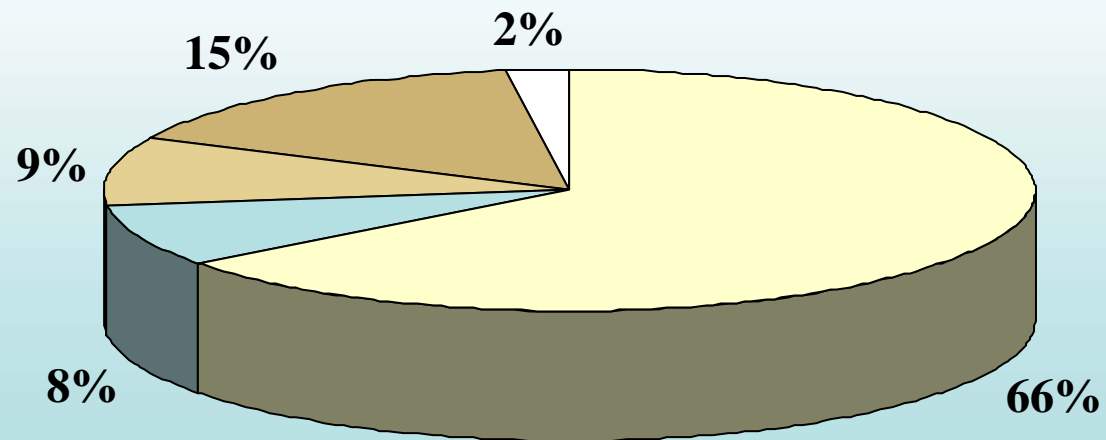


■ MSM ■ MSM+IDU ■ IDU ■ Heterosexual ■ NRS

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

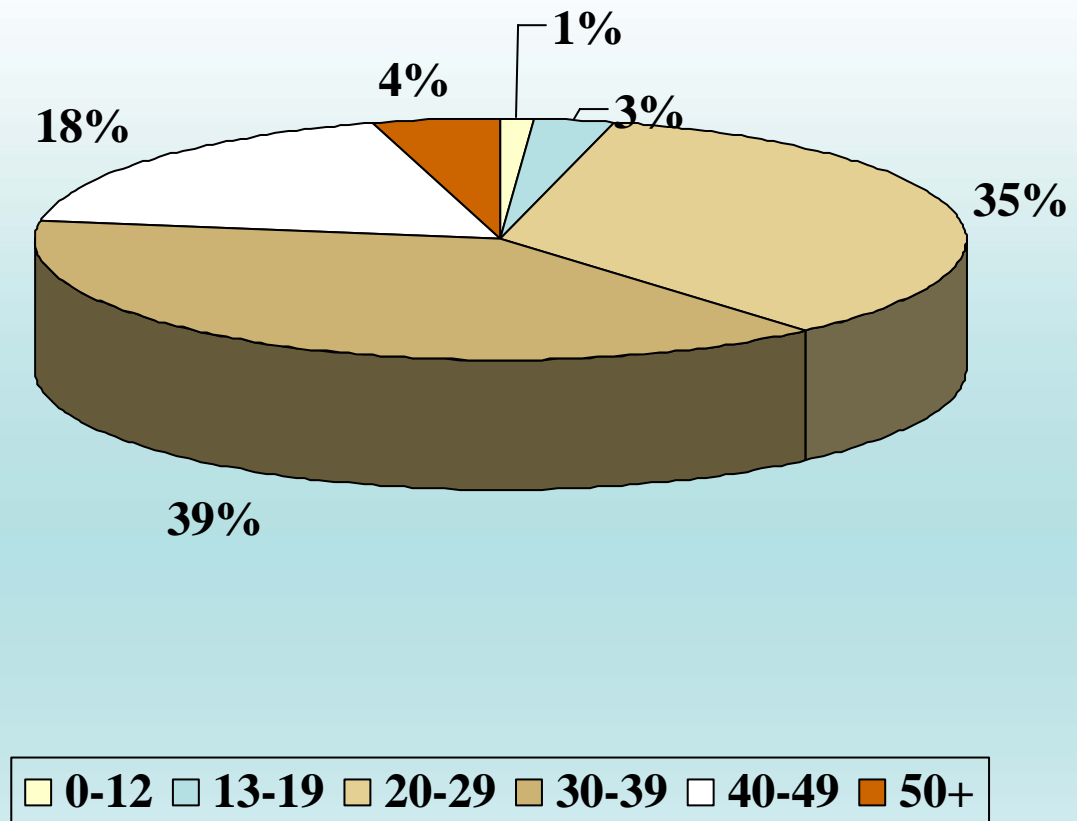


# Southeast San Diego Region Adult/Adolescent HIV Cases by Mode of Transmission



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

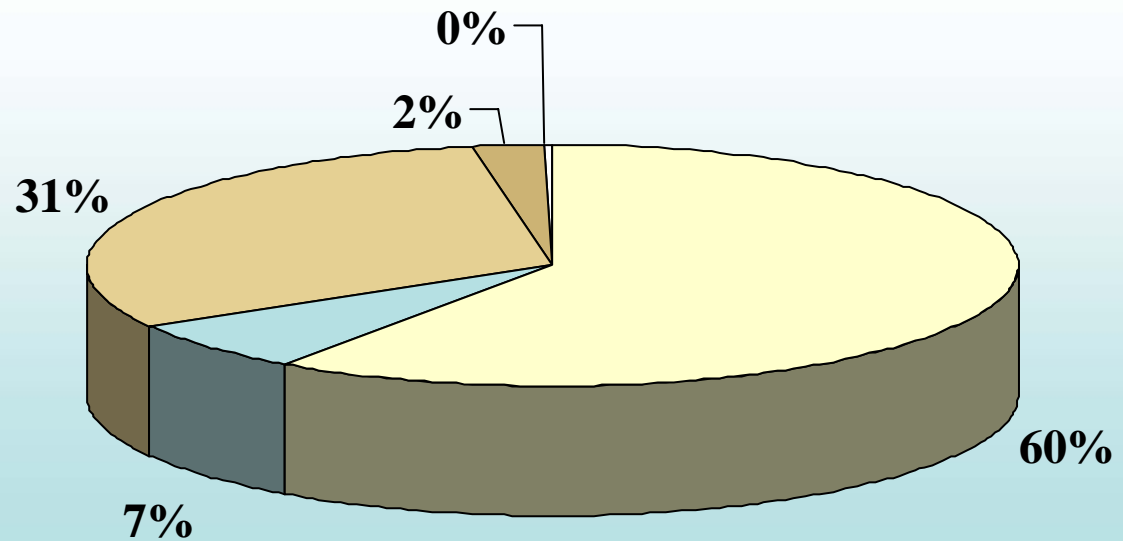
# Countywide HIV Cases by Age



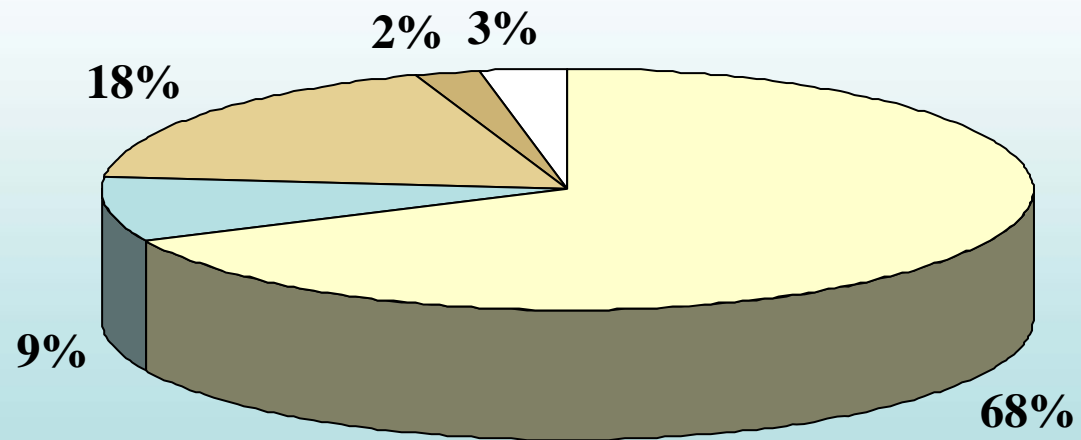
# Selected Characteristics of Interest

HIV cases reported since April 17, 2006 under SB 699

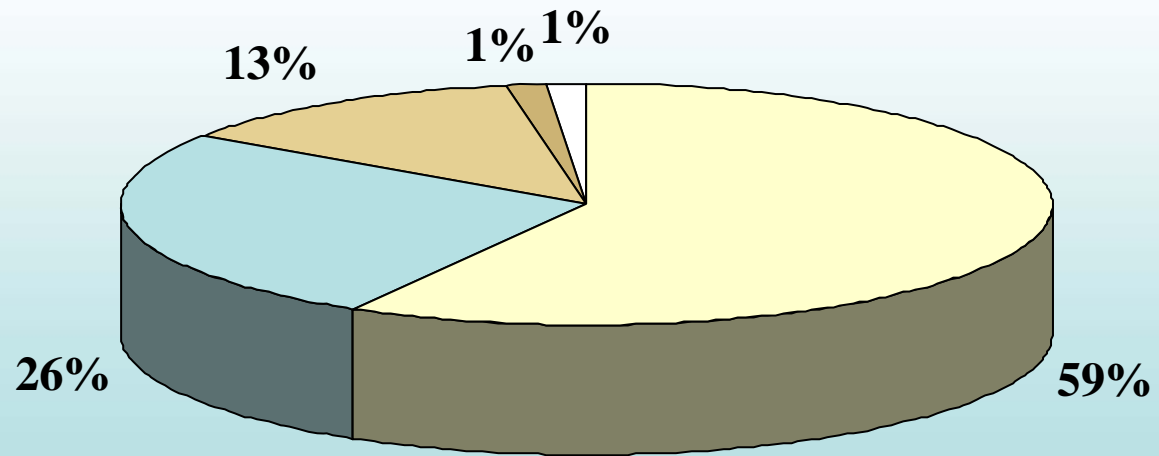
# MSM HIV Cases by Race/Ethnicity



# MSM+IDU HIV Cases by Race/Ethnicity

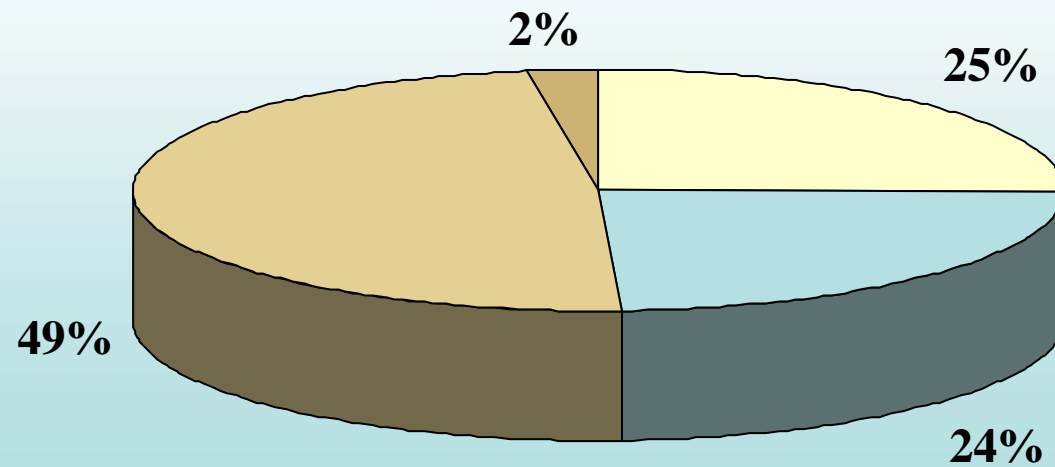


# IDU HIV Cases by Race Ethnicity



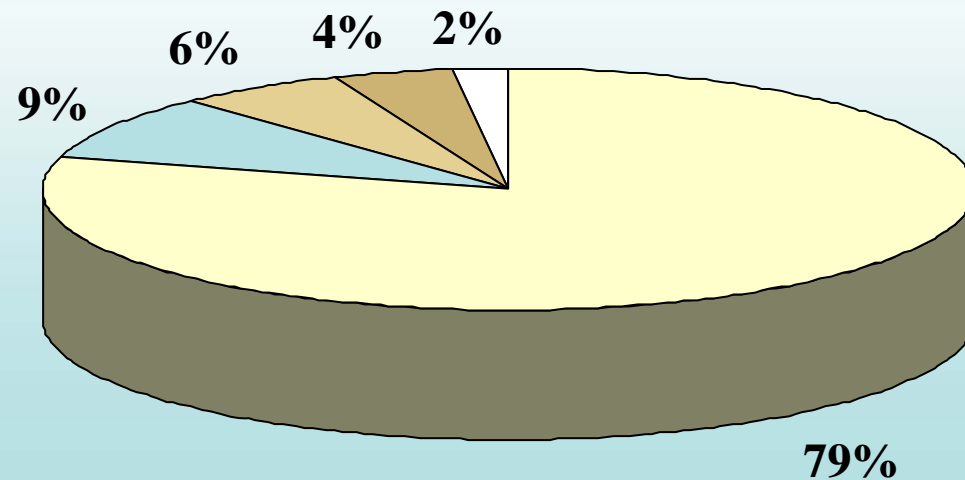


# Heterosexual HIV Cases by Race/Ethnicity



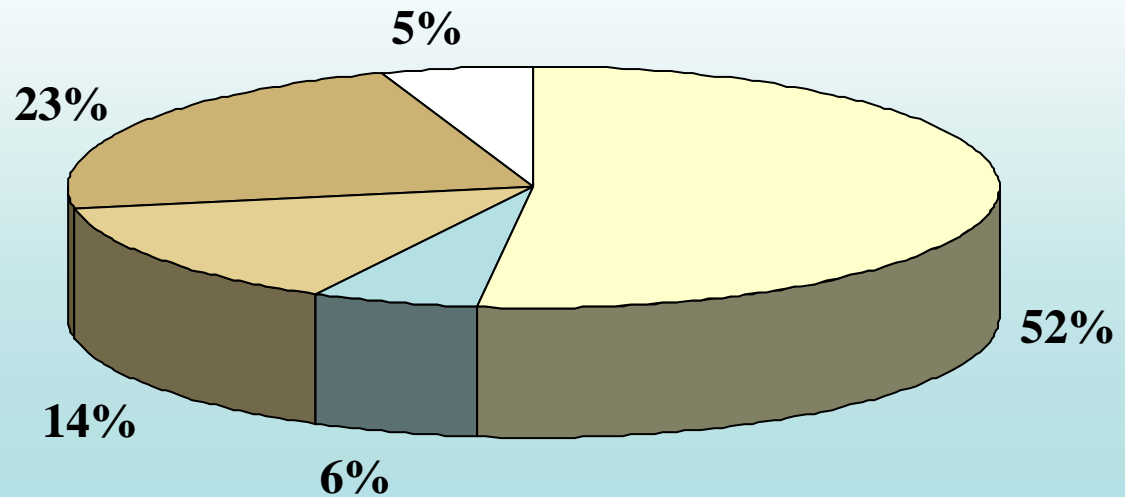
**White** **Black** **Hispanic** **Asian/Pac Islander**

# White HIV Cases by Mode of Transmission



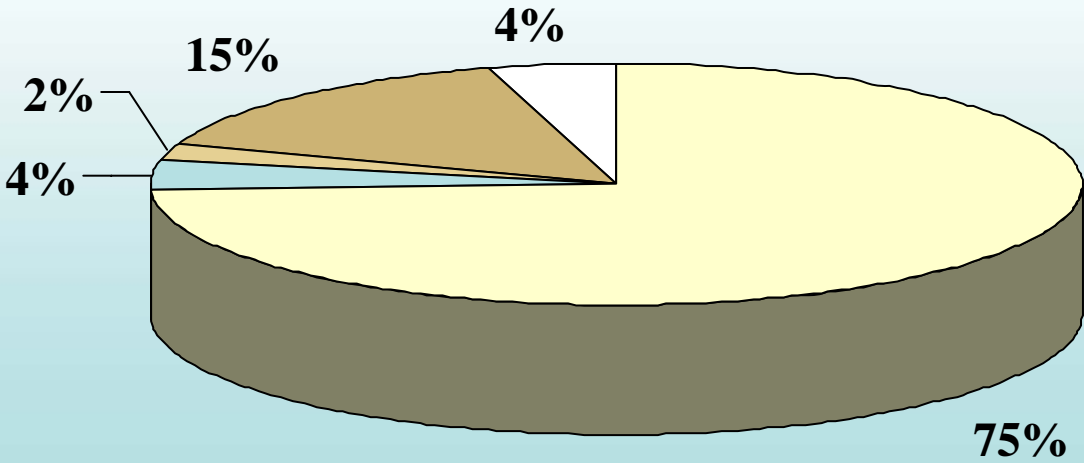
■ MSM ■ MSM+IDU ■ IDU ■ Heterosexual ■ NRS

# 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

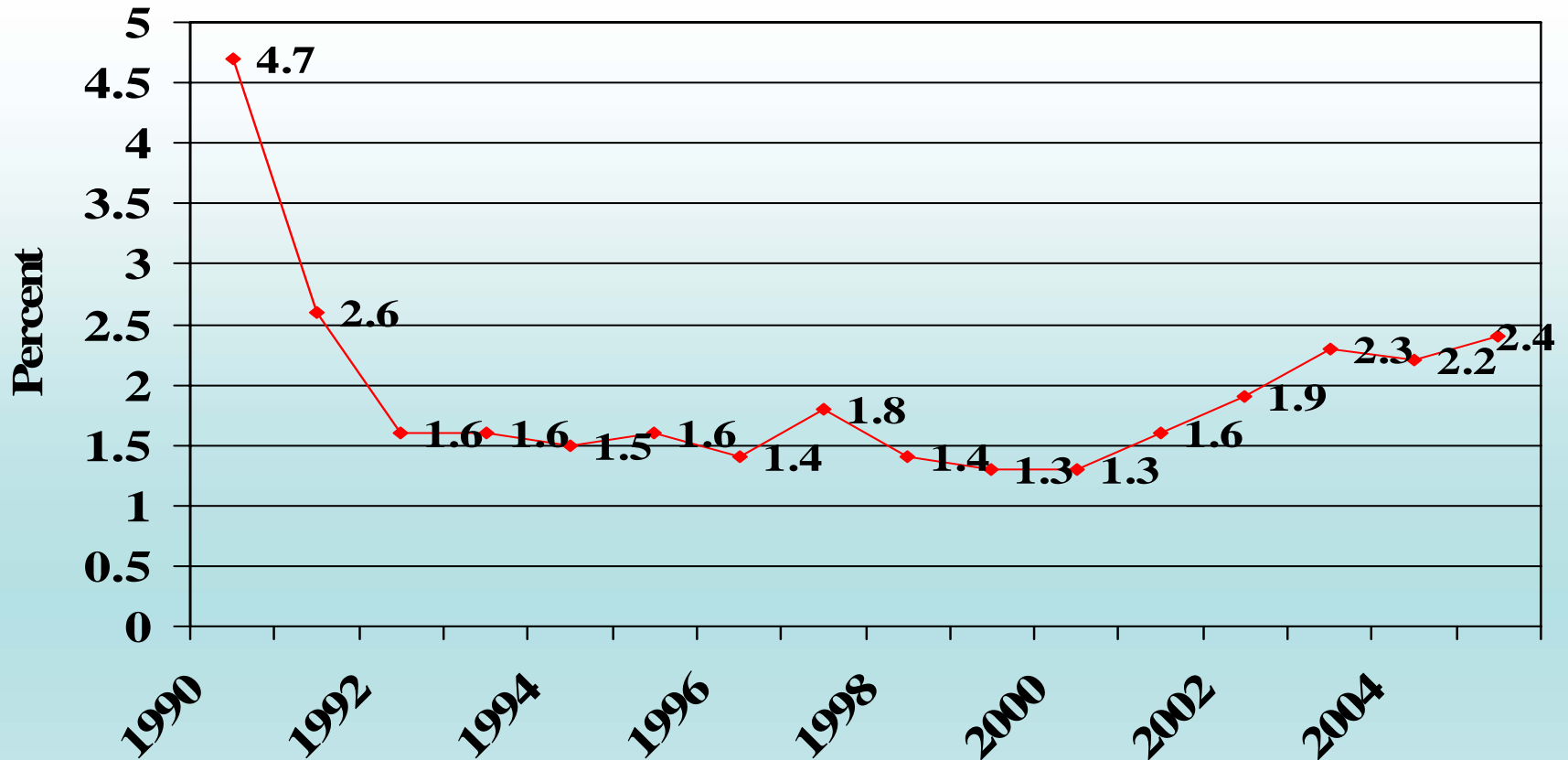


# Notes

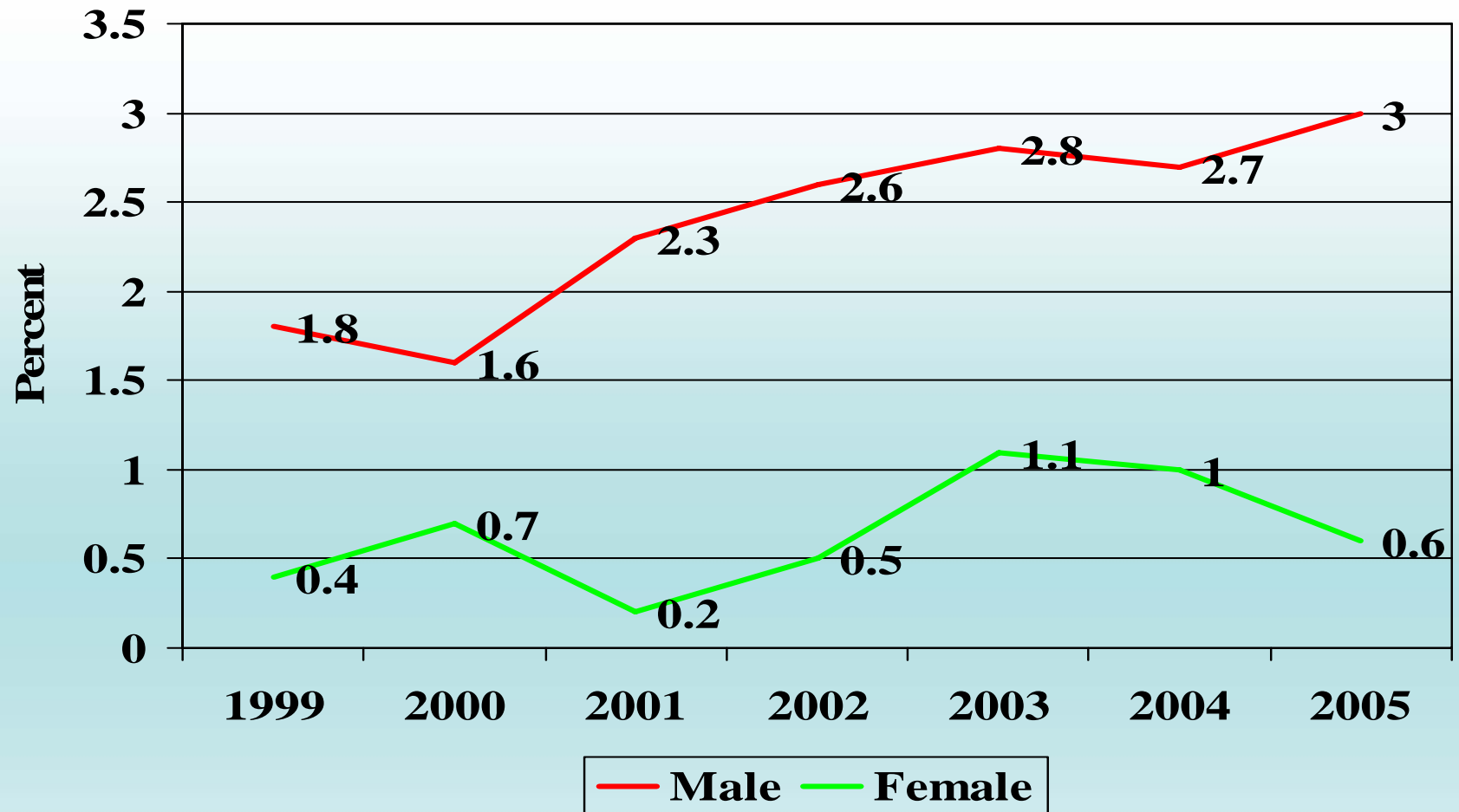
- Thirteen (13) publicly funded sites
- HIV tests are either anonymous or confidential (10,700 – 14,000 total)
- No way to unduplicate within a time period (repeat tests)
- No information from this source on those who test privately
- Can't generalize to San Diego County

# Anonymous HIV Testing

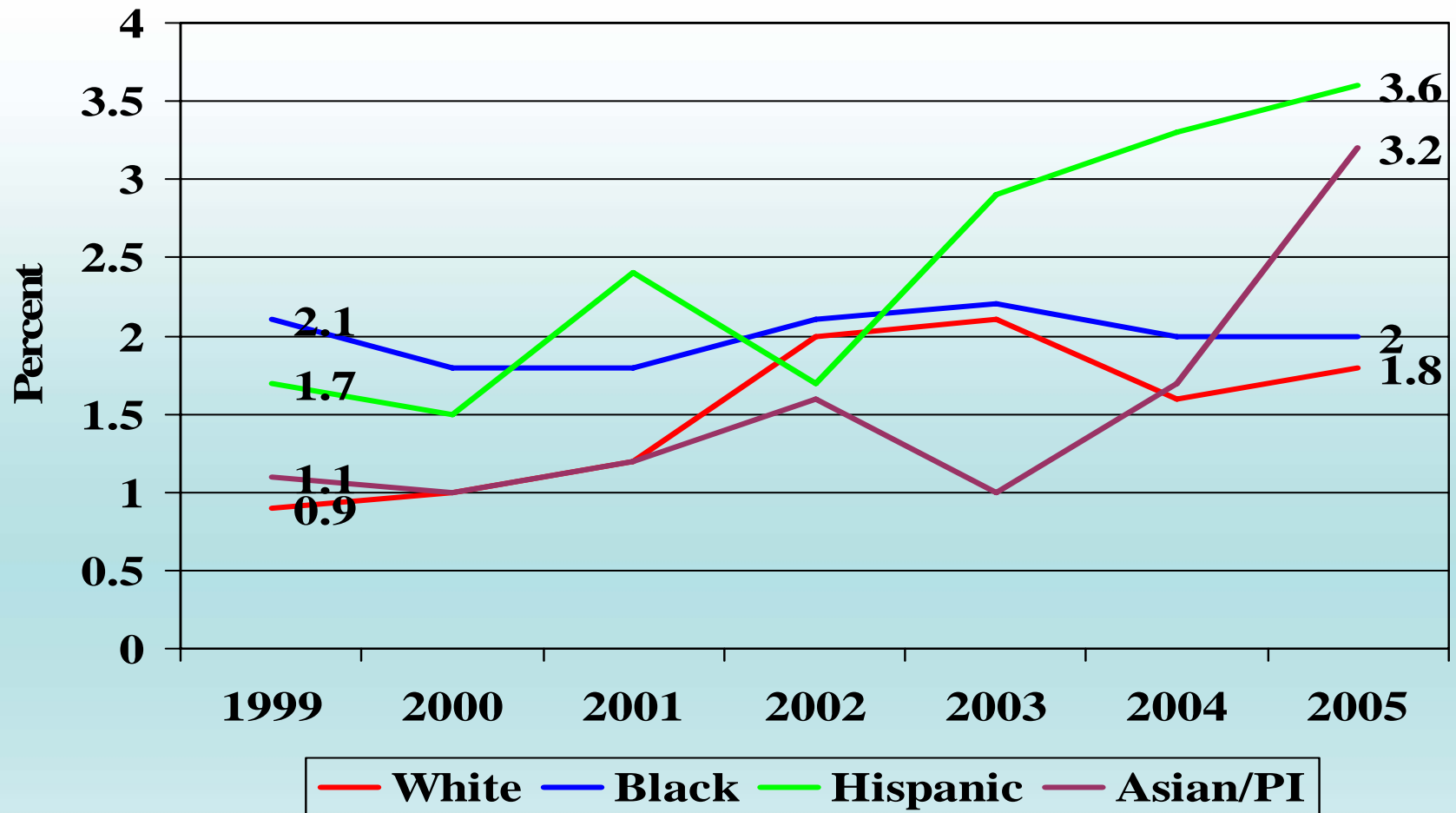
## Percent Testing HIV Positive 1990 - 2005



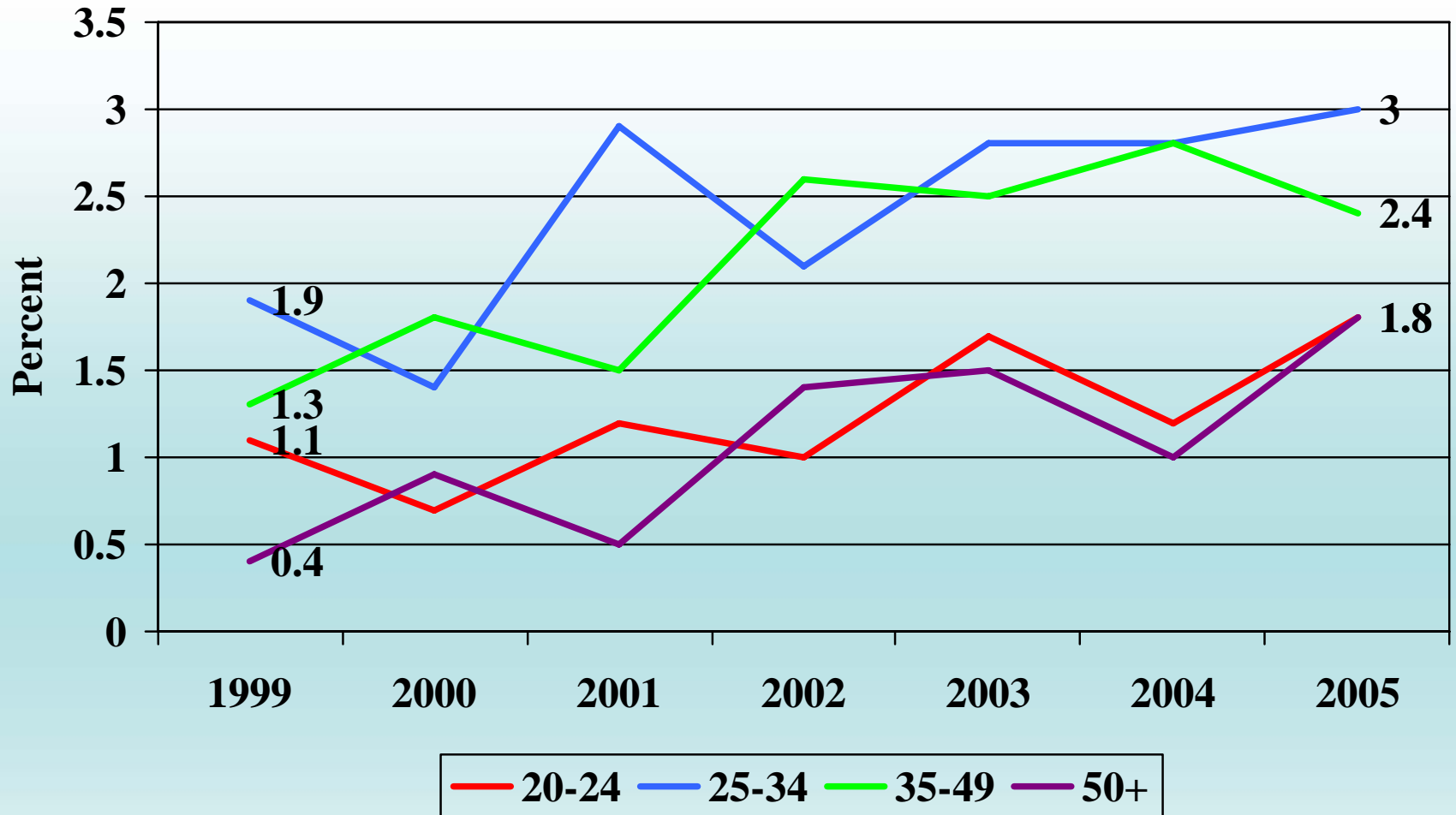
# HIV Anonymous Testing, Percent HIV Positive by Gender, 1999- 2005



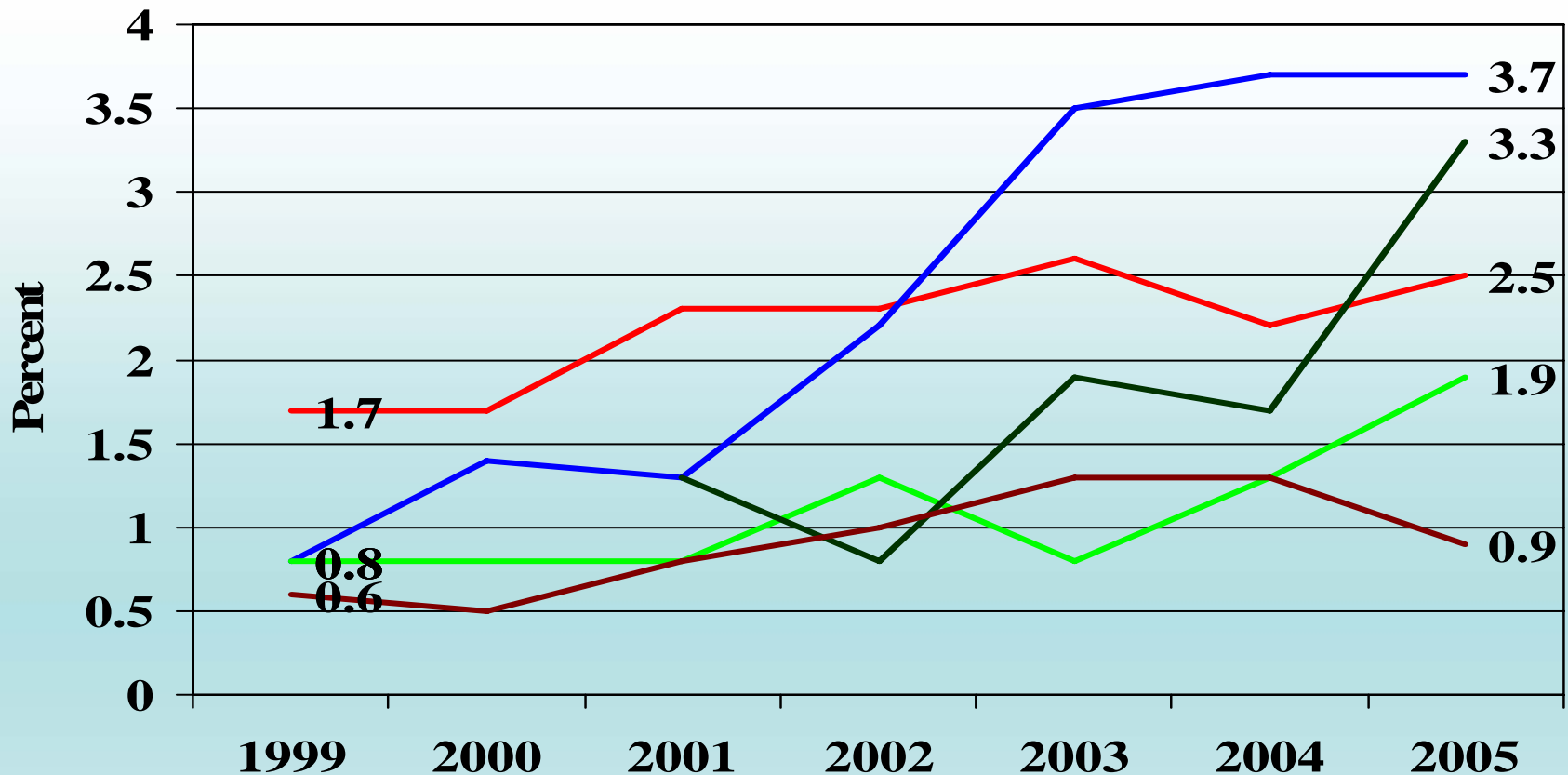
# HIV Anonymous Testing, Percent Testing HIV Positive by Race/Ethnicity. 1999 - 2005



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



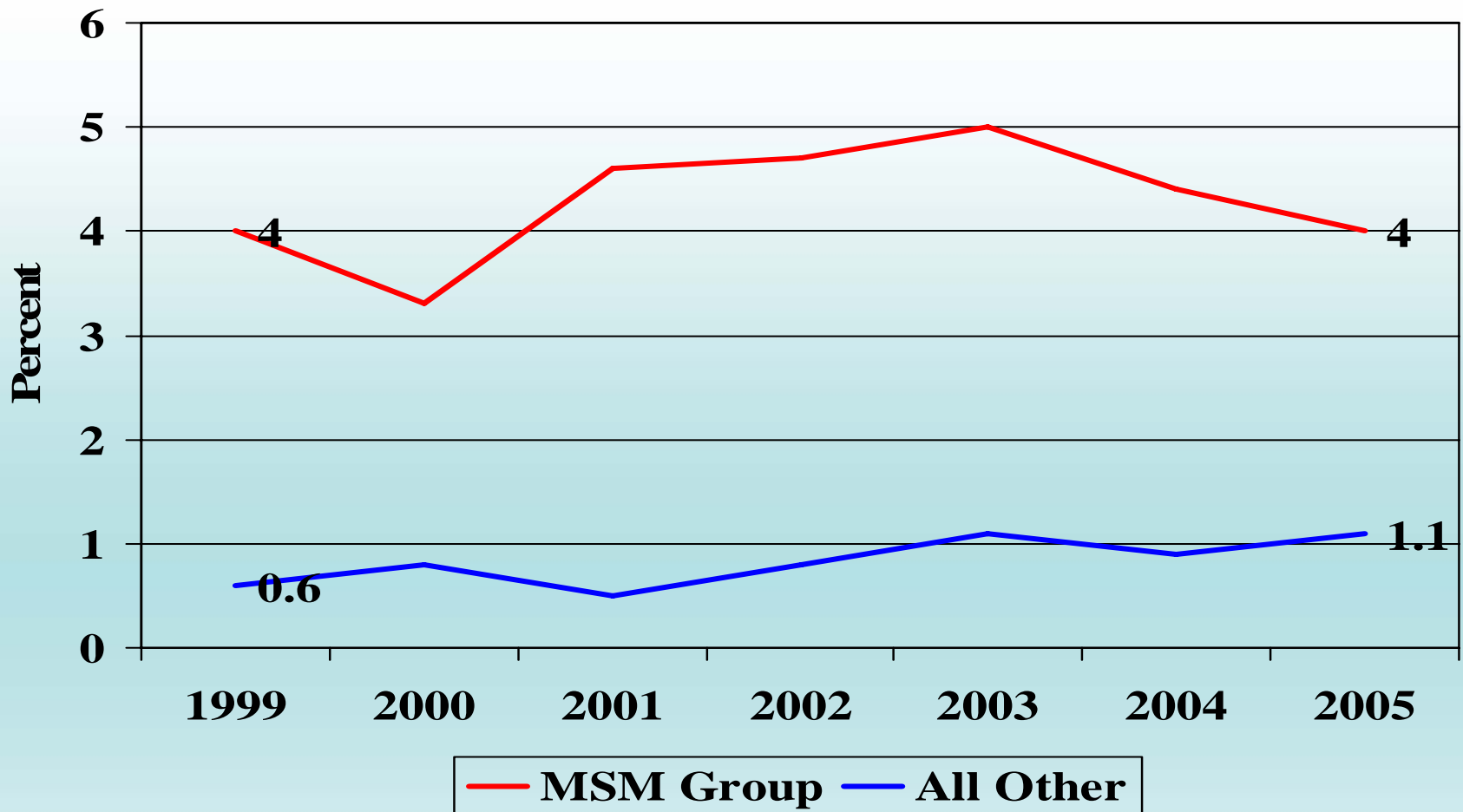
# HIV Anonymous Testing, Percent Testing HIV Positive by HHS Region, 1999 - 2005



— Central — South — East — North Coastal — North Central

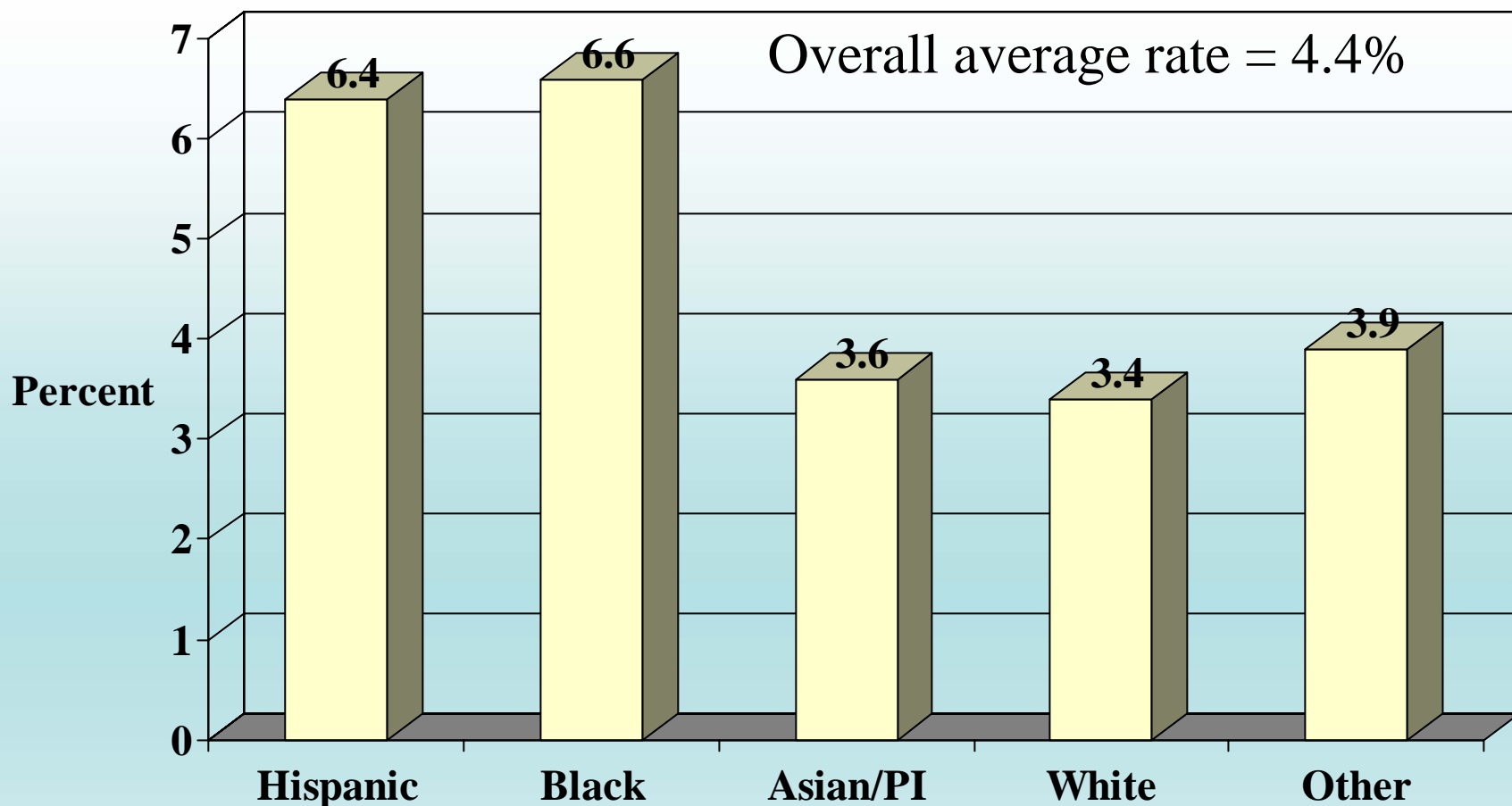
North Inland Region: Due to small number testing positive, percentage (testing positive) was not calculated except for 2004 when percentage testing positive was 3.8%

# 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.

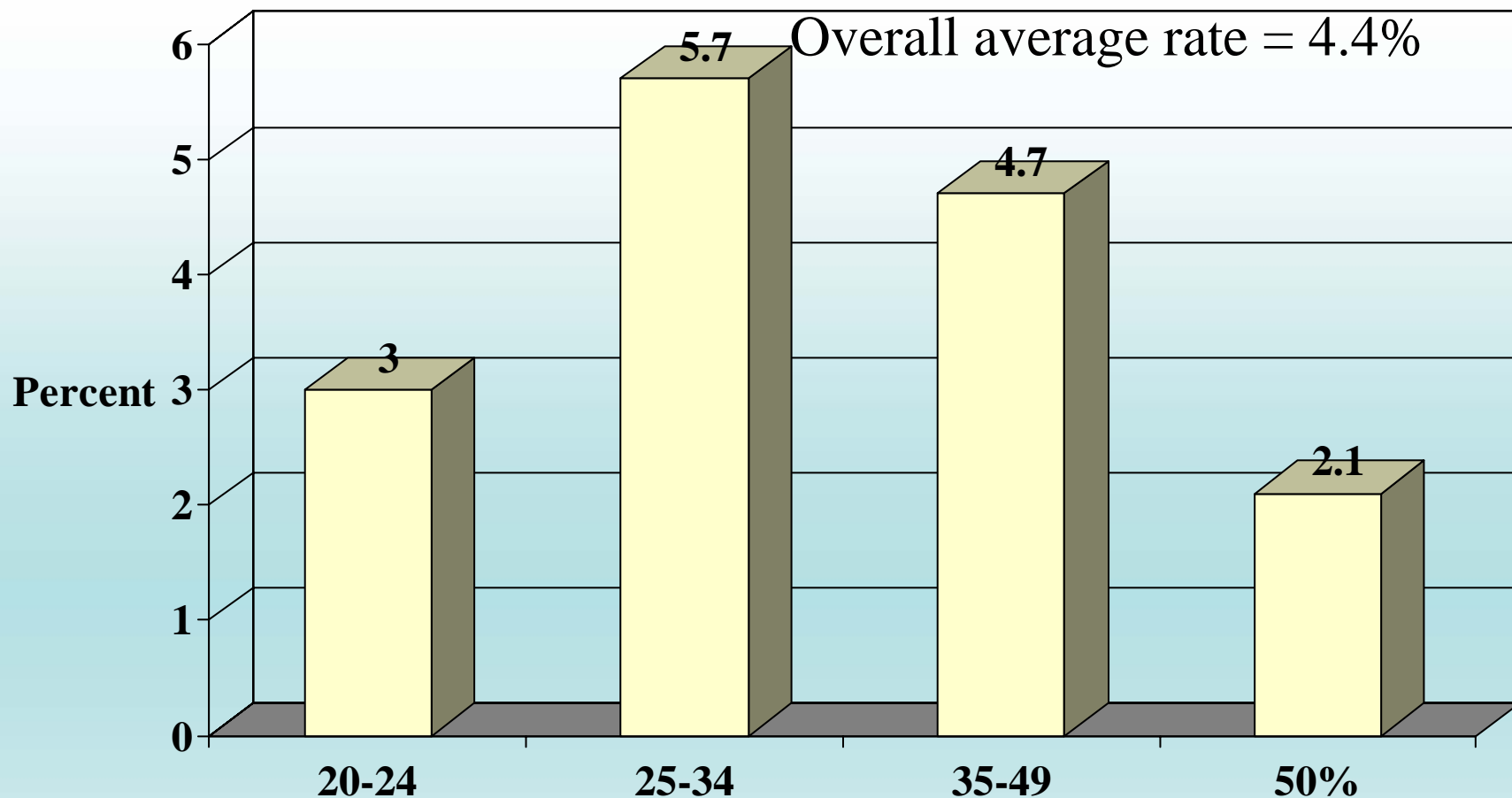
# HIV Anonymous Testing, MSM Group, Percent Testing Positive by Race/Ethnicity, 2003-2005 Average



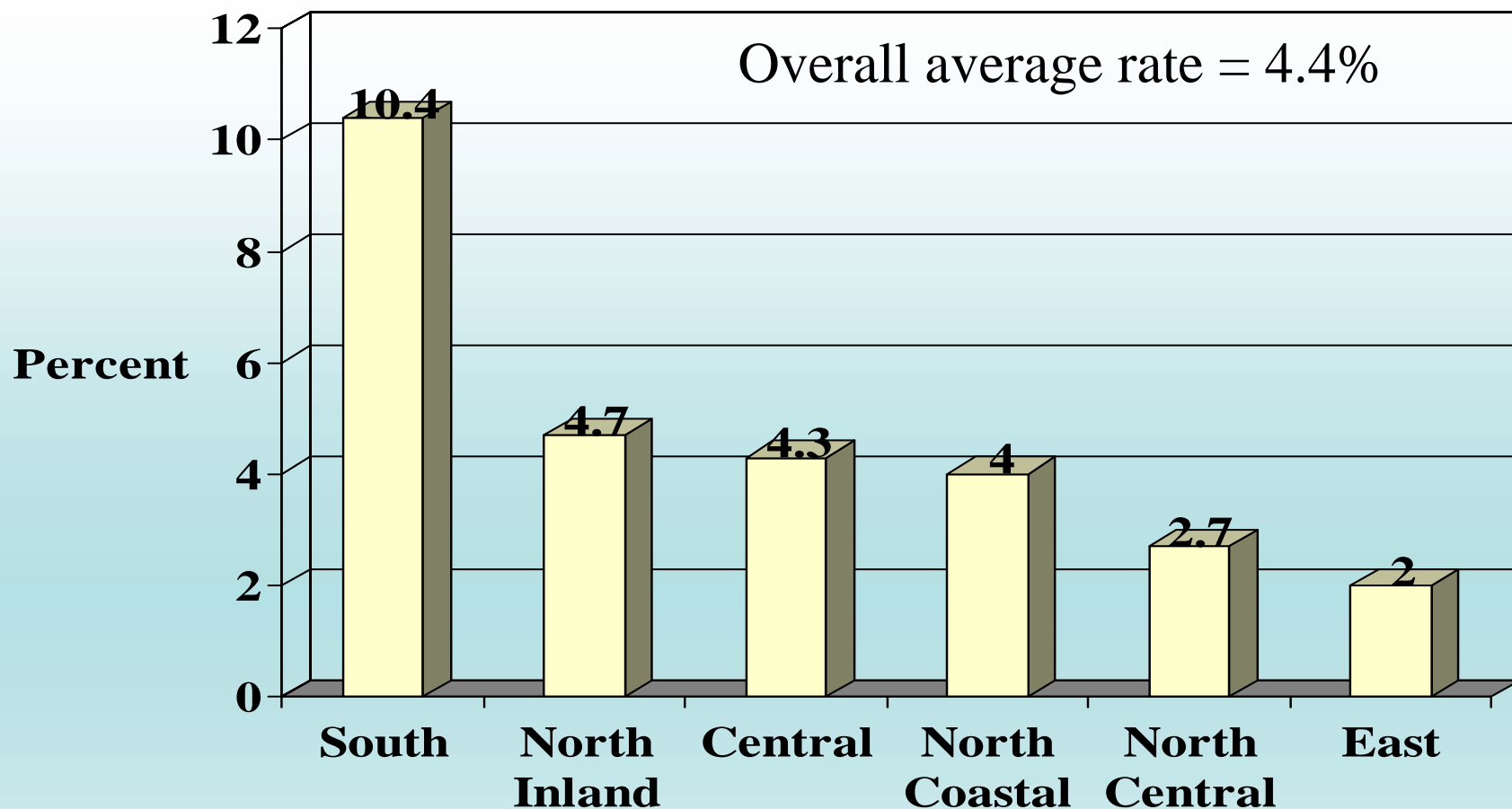
Due to small numbers, percent testing positive was not calculated.



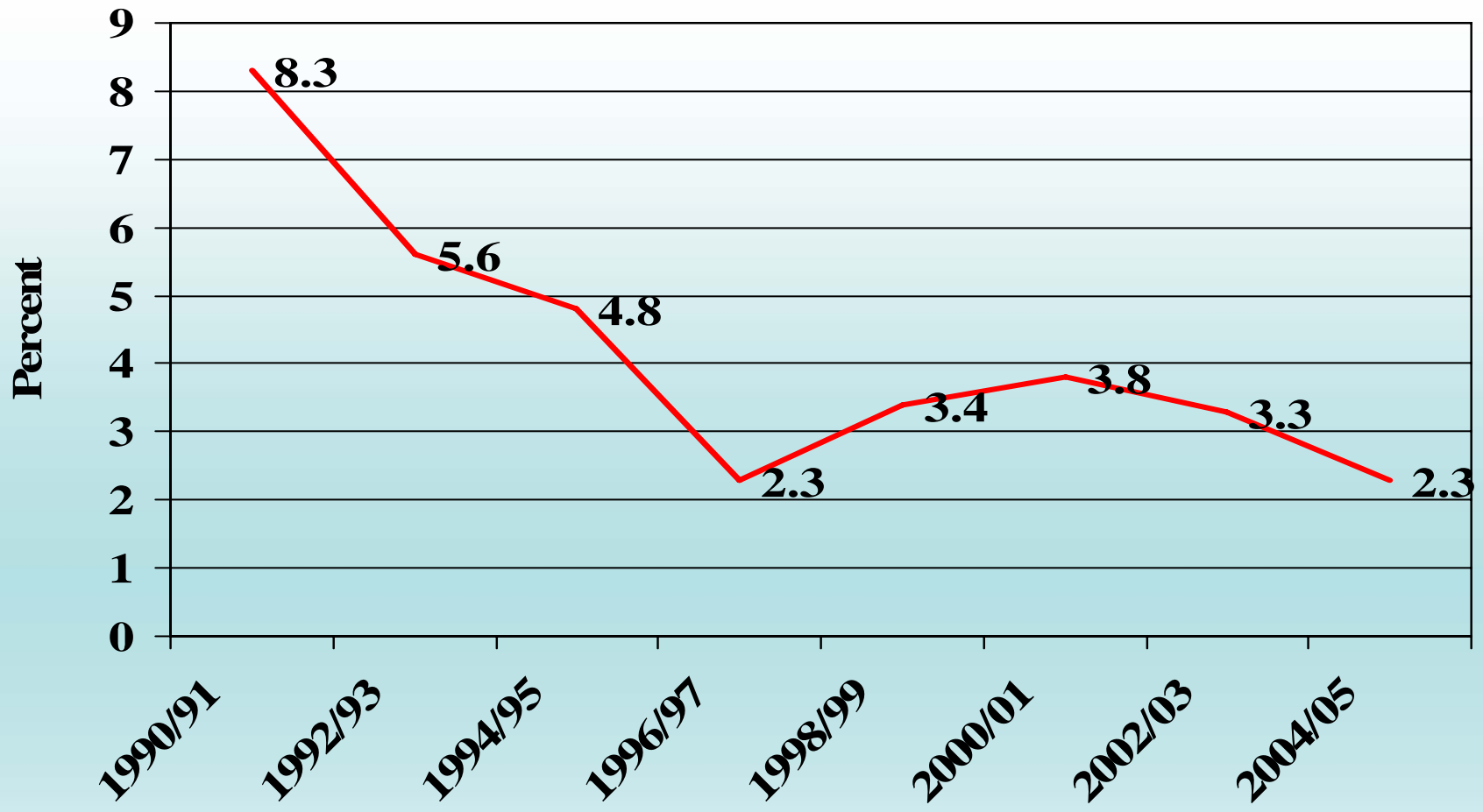
# HIV Anonymous Testing, MSM Group, Percent Testing Positive by Age Group, 2003-2005 Average



# 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](http://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