



# HIV/AIDS in the United States: An Update

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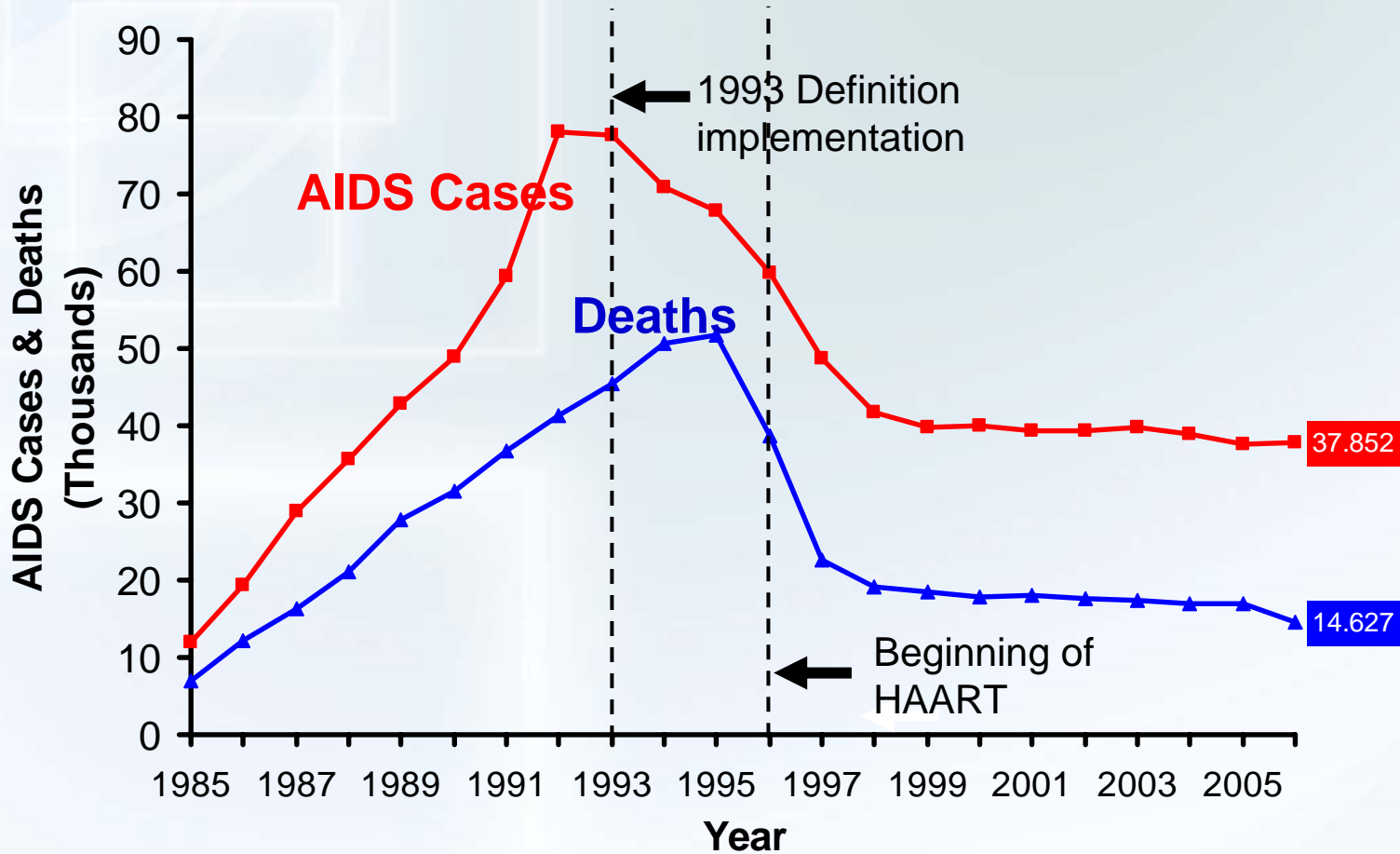
**AIDS Institute**  
HIV/AIDS Prevention Congressional Briefing  
May 12, 2008



# Domestic HIV/AIDS Prevention Priorities

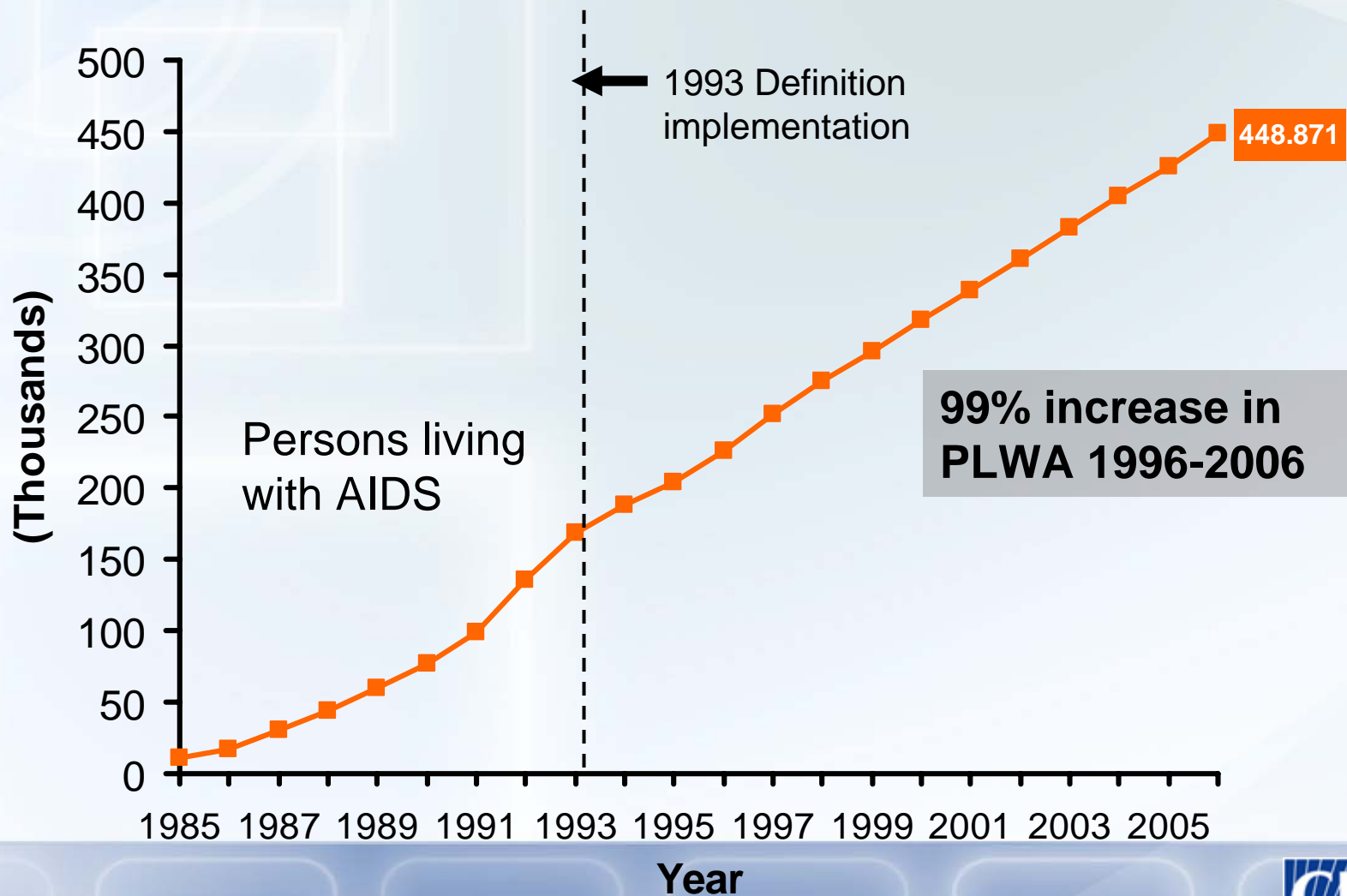
- ➔ Increase knowledge of HIV infection through **testing**
- ➔ Identify **effective interventions** for at-risk and HIV-infected persons and increase the use of these interventions
- ➔ Ensure **cost-effective allocation** of prevention resources to match changing profile of the epidemic
- ➔ Implement **surveillance systems** to better monitor HIV epidemic, risk behavior, and prevention programs

# Estimated AIDS Cases and Deaths, 1985-2006



Note: Data have been adjusted for reporting delays.  
"Estimated AIDS Cases and Deaths, 1985-2006, U.S. and Dependent Areas."

# Estimated AIDS Prevalence, 1985-2006



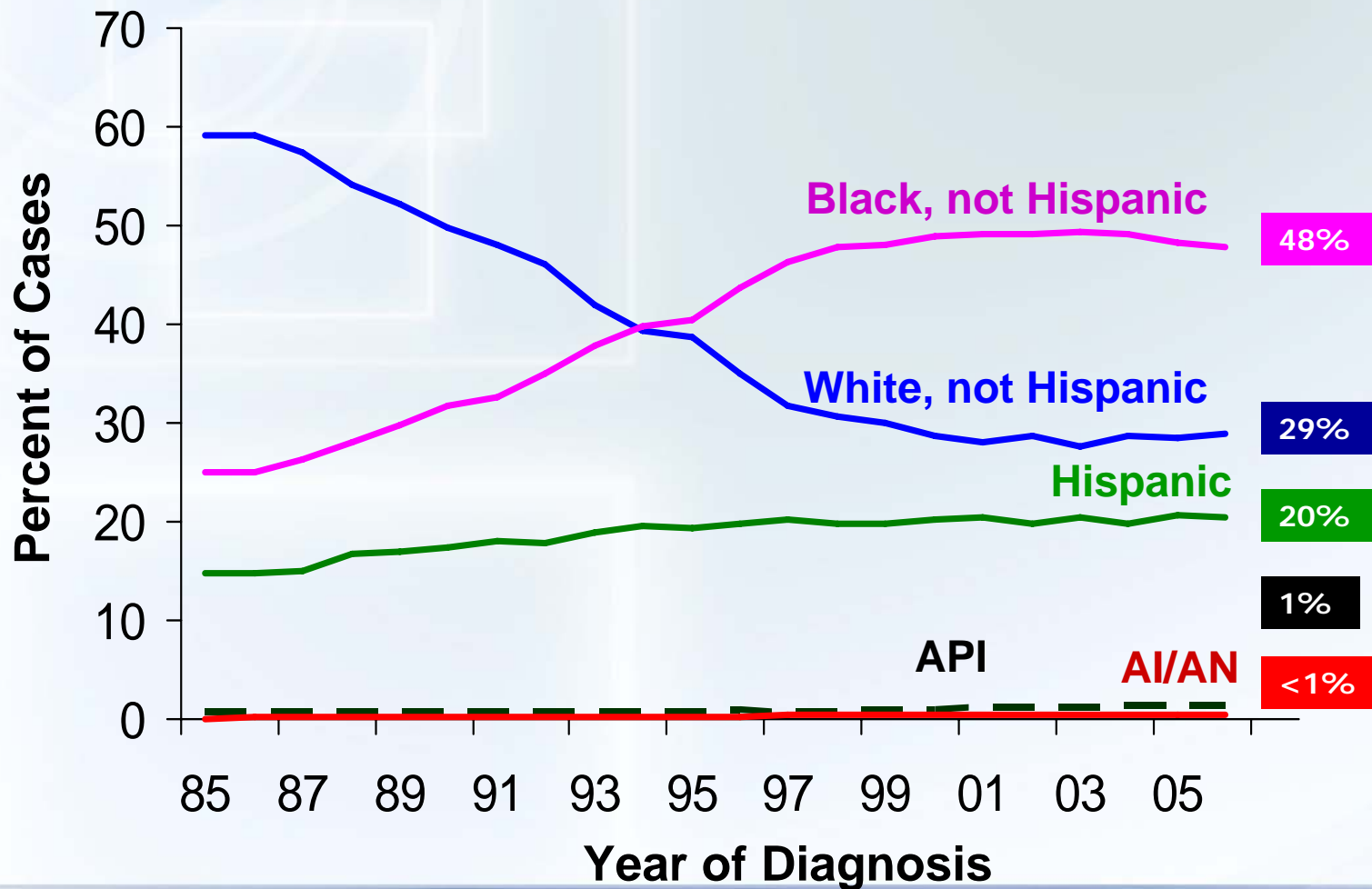
Note: Data have been adjusted for reporting delays. "Estimated AIDS Prevalence, 1985-2006—US and Dependent Areas."

# Prevalent HIV infections

- Number HIV infected  
**1,039,000 – 1,185,000**
  
- Number unaware of their HIV infection  
**252,000 - 312,000 (24%-27%)**

*Source: Glynn M, Rhodes P. 2005 HIV Prevention Conference*

# AIDS cases by race/ethnicity and year of diagnosis, 1985-2006

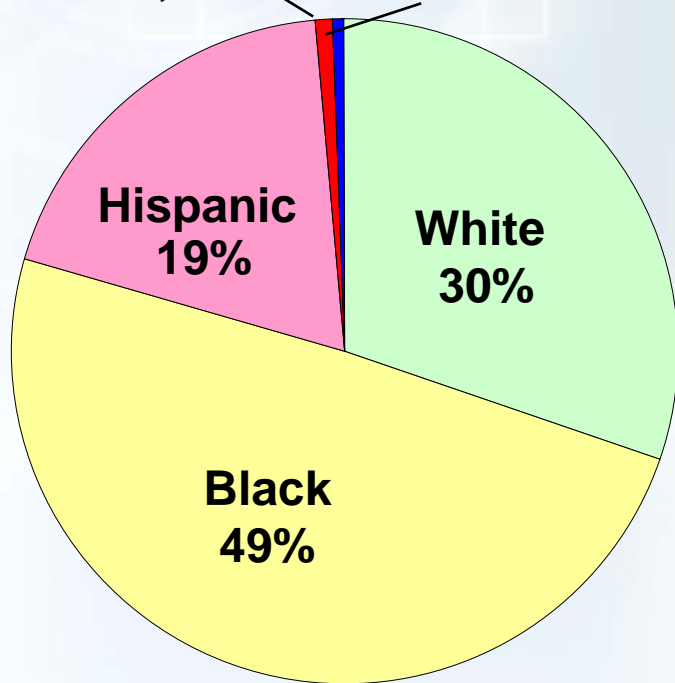


Note: Data have been adjusted for reporting delays. "Proportion of AIDS Cases Among Adults and Adolescents, by Race/Ethnicity and Year of Diagnosis, 1985 – 2006, US and Dependent Areas."

# Reported AIDS Cases and Population by Race/Ethnicity, 2006

Asian/Pacific  
Islander, 1%

American Indian,  
Alaska Native <1%

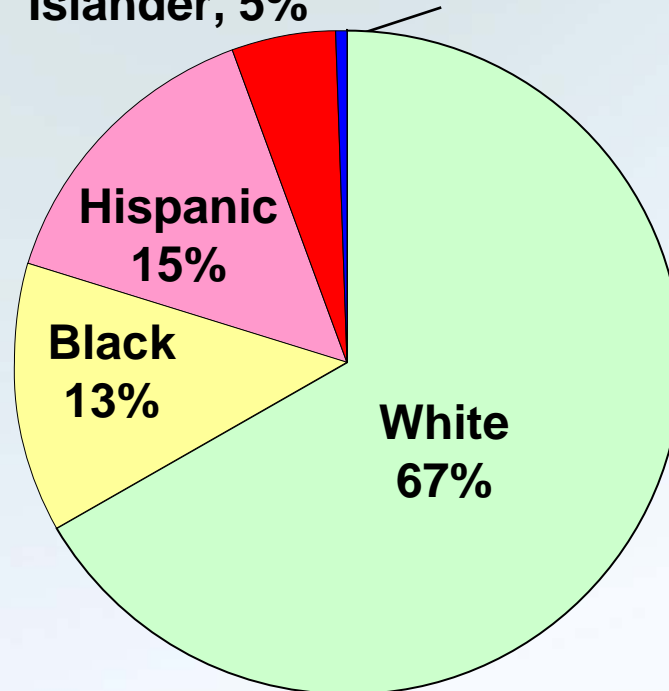


**AIDS Cases**

N\* = 37,911

Asian/Pacific  
Islander, 5%

American Indian,  
Alaska Native, <1%

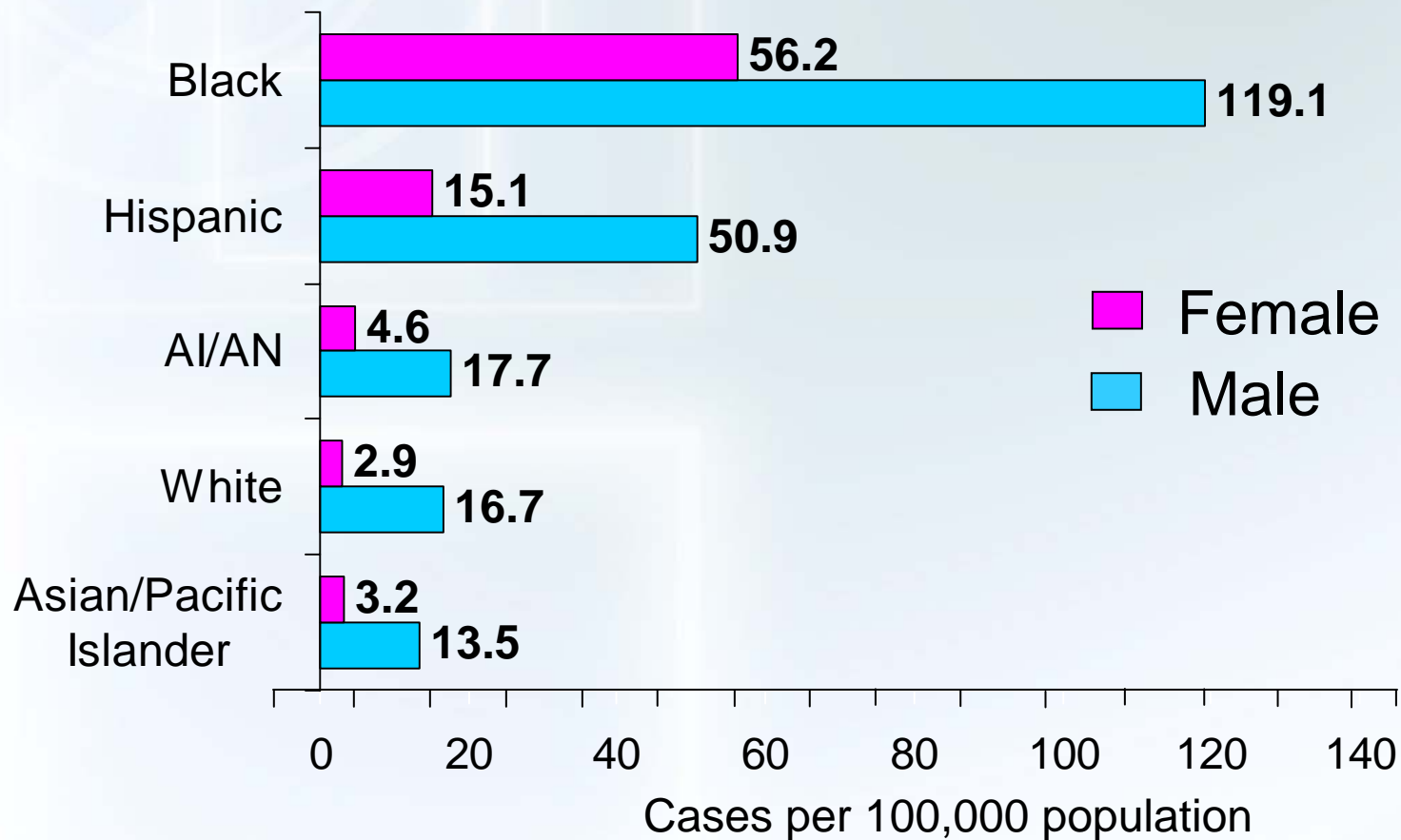


**U.S. Population**

N = 299,398,484

\*Total includes 357 persons of unknown or multiple races. "Proportion of AIDS Cases and Population by Race/Ethnicity, Reported in 2006—50 States and DC."

# Rates of Est. HIV/AIDS Cases, 2006—33 States



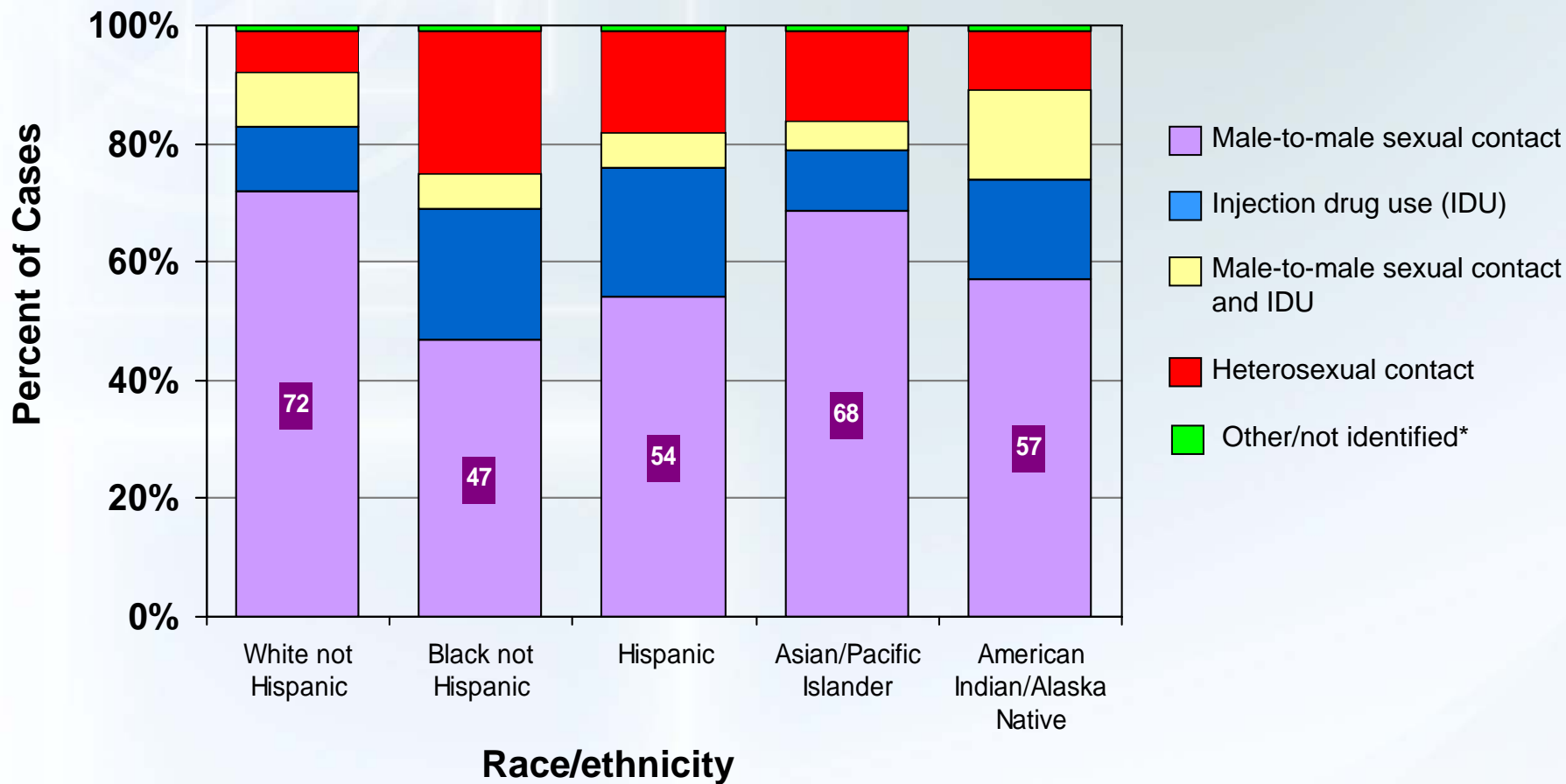
Note: Data have been adjusted for reporting delays. “Estimated Rates of HIV/AIDS Diagnoses among Adults and Adolescents, 2006—33 States.”

# Reported AIDS Cases in Males through 2006

➔ Males accounted for:

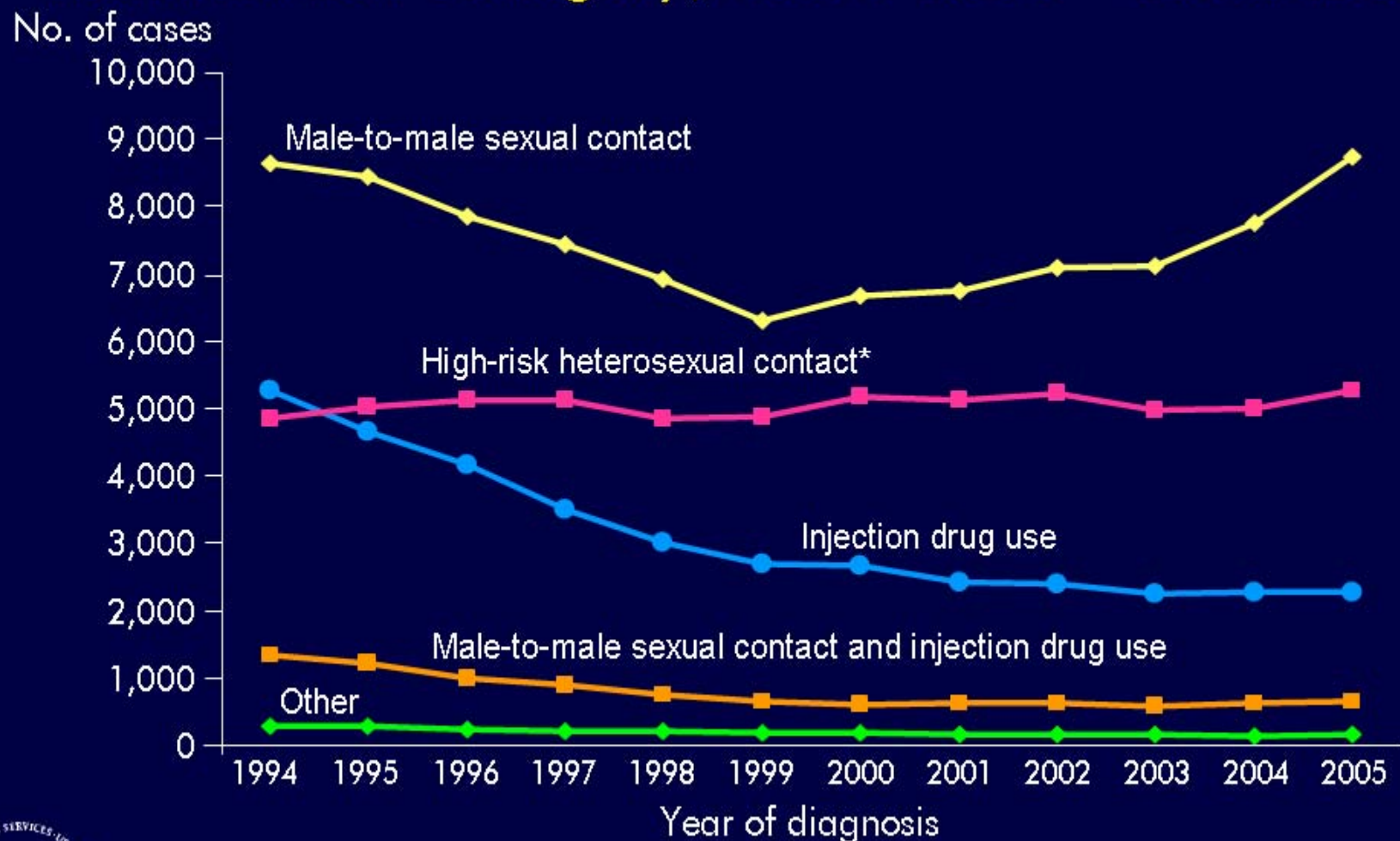
- 81% of 983,343 cases of AIDS in adults and adolescents diagnosed through 2006

# Proportion of AIDS Cases, Male Adults & Adolescents, 2002-2006



Note: Data adjusted for reporting delays and cases without risk factor information were proportionally redistributed.\* Includes hemophilia, blood transfusion, perinatal exposure, and risk not reported or identified."Proportion of AIDS Cases among Male Adults and Adolescents by Transmission Category and Race/Ethnicity, 2002-2006—US and Dependent Areas."

# HIV/AIDS Cases among Adults and Adolescents, by Transmission Category, 1994–2005—25 States

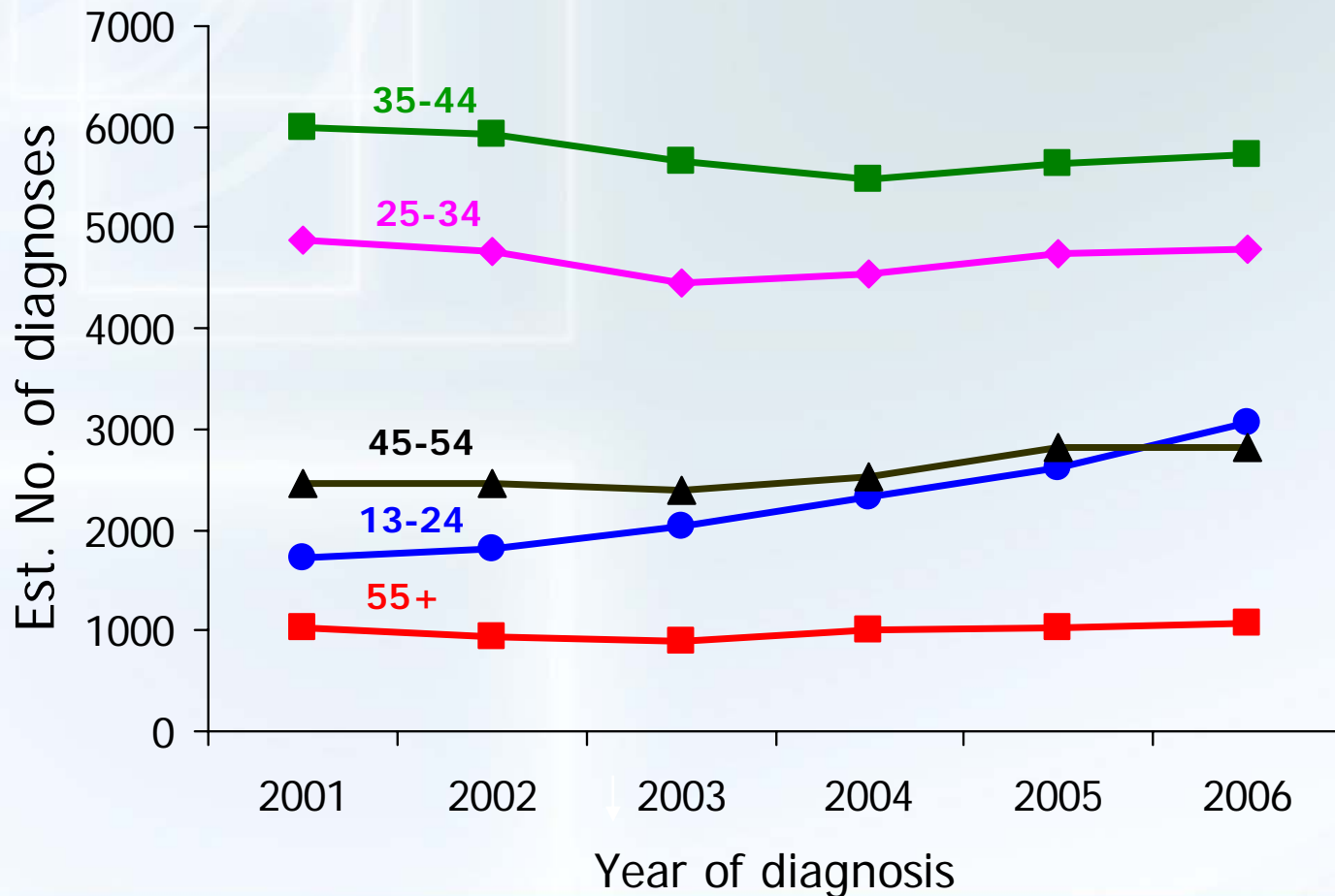


Note. Data statistically adjusted for reporting delays and redistribution of cases in persons initially reported without an identified risk.

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

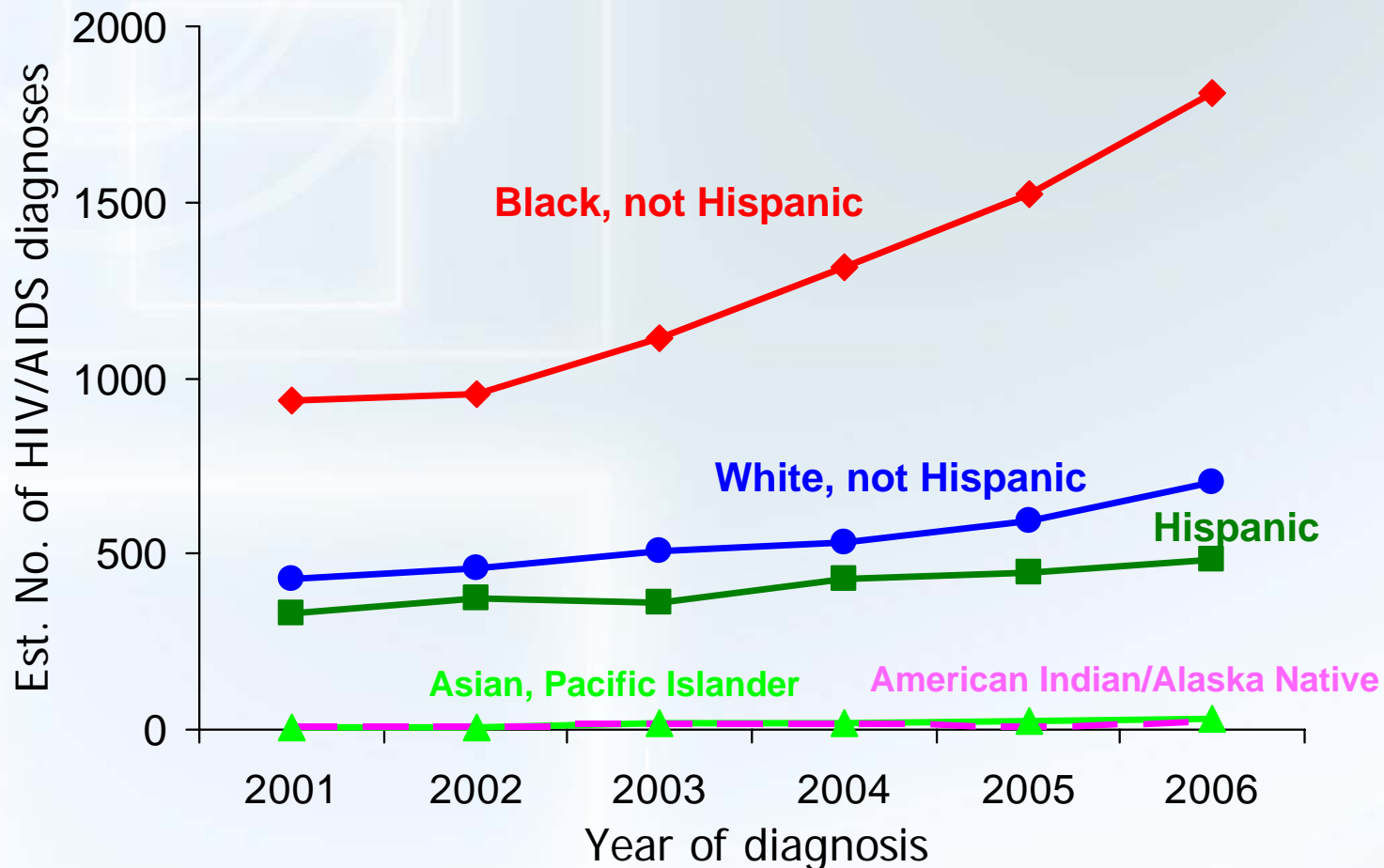


# HIV/AIDS Cases among MSM by Age Group, 2001 – 2006, 33 States



Note: Data adjusted for reporting delays and estimated proportional redistribution of cases initially reported without risk. "Estimated Number of HIV/AIDS Diagnoses among Adult and Adolescent MSM, by Race, 2006—33 States."

# HIV/AIDS Cases among MSM aged 13-24, 2001-2006, 33 States



Note: Data adjusted for reporting delays and estimated proportional redistribution of cases initially reported without risk. "Estimated Number of HIV/AIDS Diagnoses among MSM aged 13-24, by Race, 2001-2006, 33 States."

# Reported AIDS Cases in Females through 2006

➔ Females accounted for:

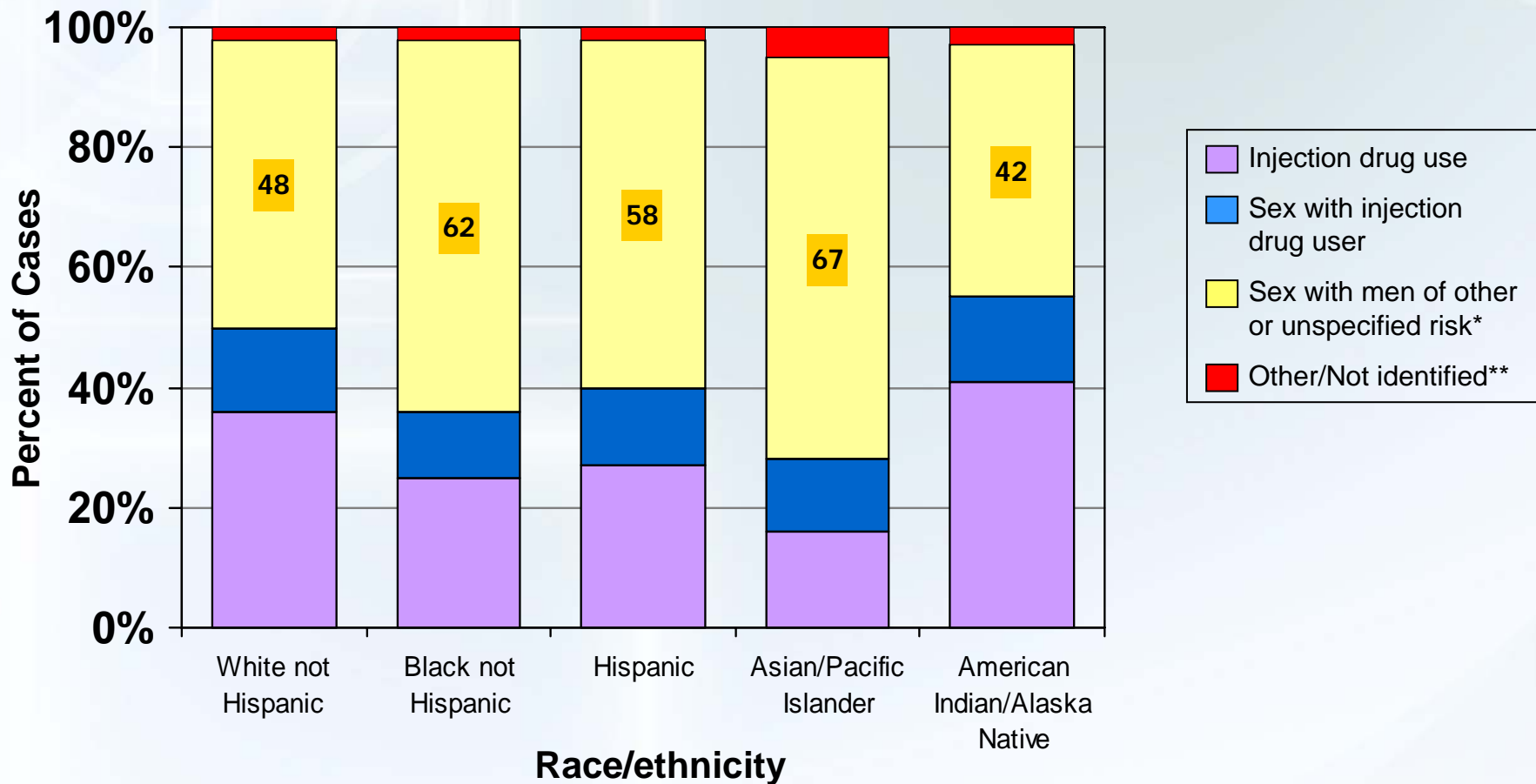
- 19% of 983,343 cases of AIDS in adults and adolescents diagnosed through 2006

➔ Of women with living with HIV/AIDS in 2006 in 33 states with mature confidential name-based HIV reporting:

- 64% were Black
- 15% were Hispanic
- 19% were White

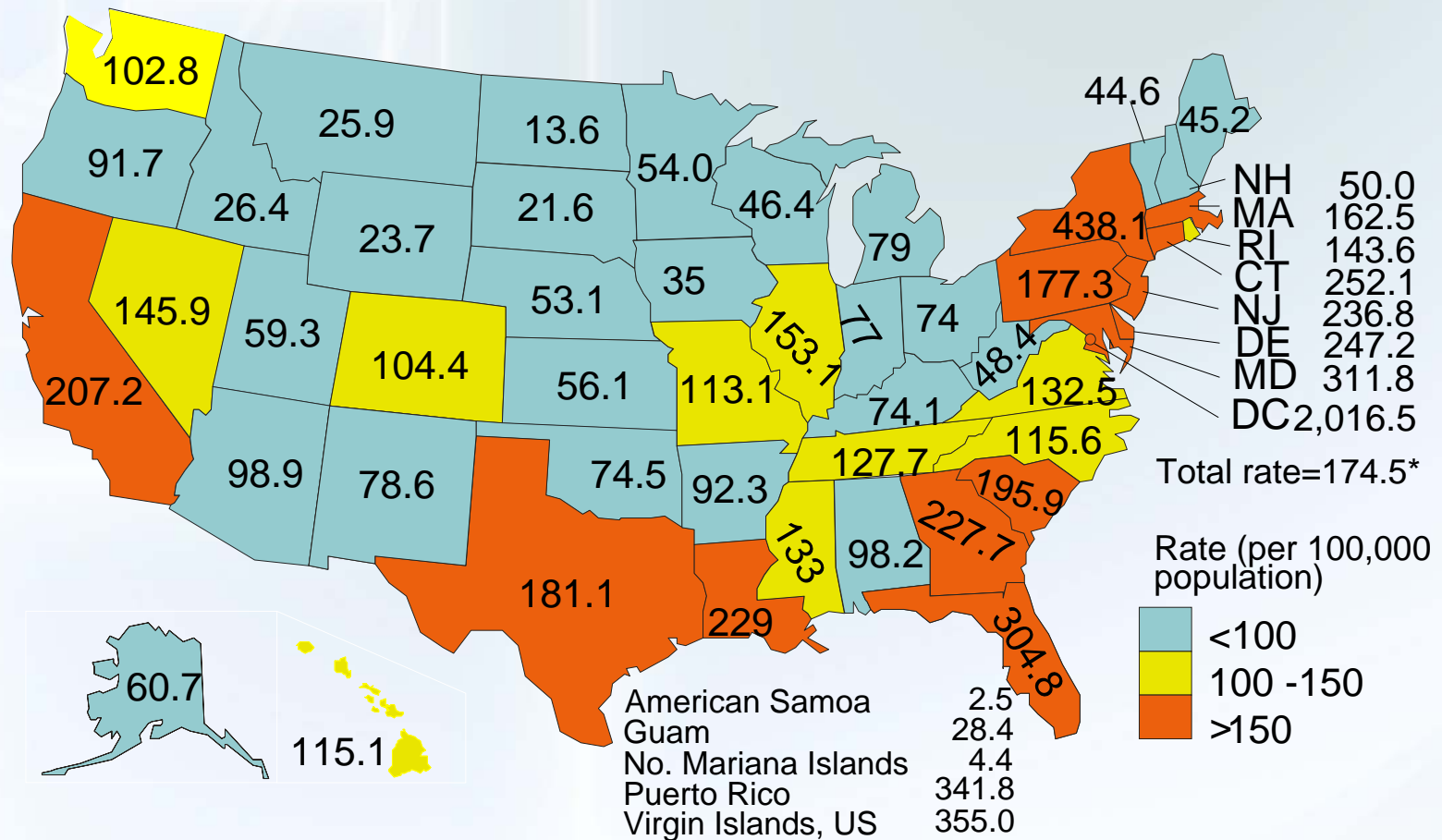
Note: Cumulative AIDS cases through 2006 based on reported data from the United States and dependent areas.

# AIDS Cases, Female Adults and Adolescents, 2002-2006



Note: Data adjusted for reporting delays; cases without risk factor information were proportionally redistributed.\*Heterosexual contact with a man known to have, or to be at high risk for, HIV infection.  
 \*\* Includes hemophilia, blood transfusion, perinatal exposure, and risk not reported or identified. US and Dependent Areas.

# Prevalence of Adults and Adolescents Living with AIDS 2005



Note: Data have been adjusted for reporting delays. Includes persons whose area of residence is unknown or missing. "Estimated Prevalence Rates for Adults and Adolescents Living with AIDS (per 100,000 population), 2006—US and Dependent Areas."

# Domestic HIV/AIDS Prevention Challenges:

- ➔ Increasing HIV/AIDS prevalence
- ➔ One quarter of those with HIV infection **undiagnosed**
- ➔ **MSM** remain at increased HIV risk
- ➔ **African Americans** and other communities of color at increased HIV risk
- ➔ Availability of effective treatments has led to **complacency** about HIV risk

# Domestic HIV/AIDS Prevention Challenges:

- ➔ HIV/AIDS **stigma** persists
- ➔ Changing patterns and distribution of **substance abuse** (e.g., methamphetamines)
- ➔ **Internet** as means for meeting partners
- ➔ Need more **culturally competent interventions** and greater scale up of interventions



# Thank you

Division of HIV/AIDS Prevention  
National Center for HIV/AIDS, Viral  
Hepatitis, STD, and TB Prevention

<http://www.cdc.gov/nchhstp/hiv>