



Characteristics of Persons Living with HIV/AIDS at the End of 2004—33 States in the United States

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Background

- In the United States, more than 1 million persons are estimated to be living with HIV or AIDS (termed "HIV disease"); this includes persons diagnosed as well as undiagnosed
- Number of persons living with HIV disease is increasing, due in part to use of effective antiretroviral therapies
- Information on persons living with HIV disease is important for guiding treatment and prevention decisions, as well as for resource allocation

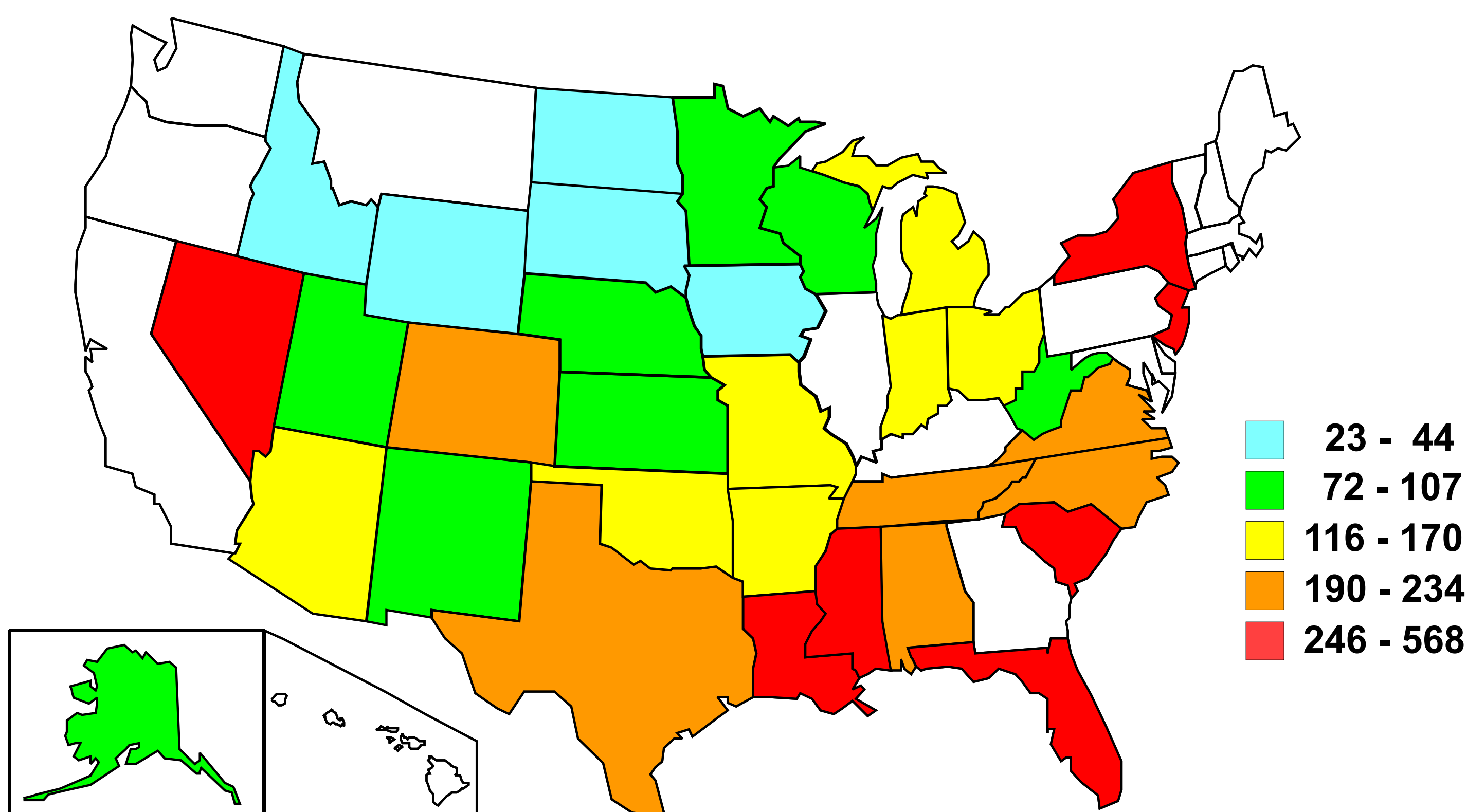
Objectives

- To describe recent epidemiology of HIV disease in the United States from 33 states with name-based HIV infection reporting (includes reporting of both HIV and AIDS)
- To discuss implications of increased prevalence of persons with HIV disease in the United States

Methods

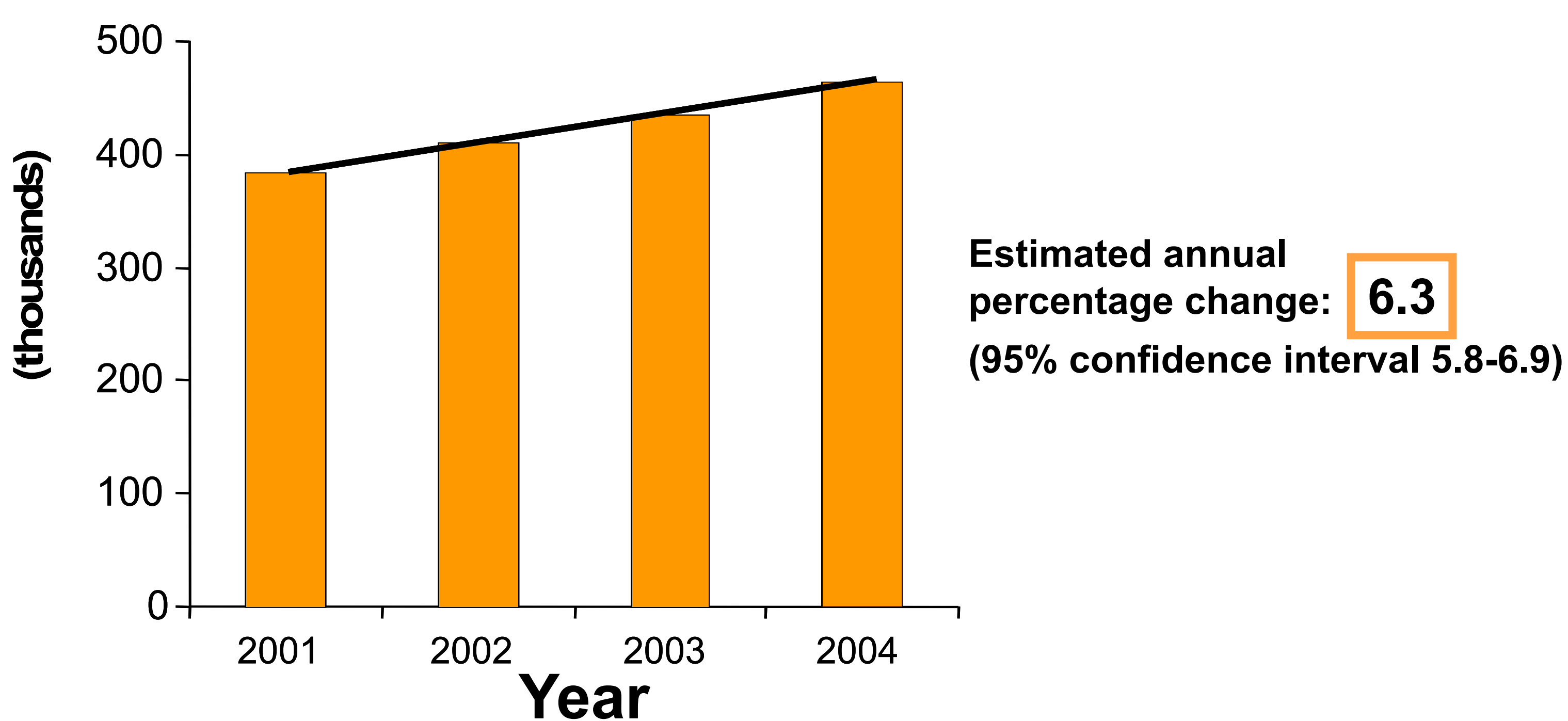
- Analysis of HIV surveillance data from 33 states with confidential name-based HIV infection reporting since 2000
- Data adjusted for reporting delays and redistribution of unknown HIV transmission categories

Prevalence rates (per 100,000 population) of HIV/AIDS, 33 states with name-based HIV infection reporting since 2000



33 states: Alaska, Alabama, Arizona, Arkansas, Colorado, Florida, Idaho, Indiana, Iowa, Kansas, Louisiana, Michigan, Minnesota, Mississippi, Missouri, Nebraska, Nevada, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, South Carolina, South Dakota, Tennessee, Texas, Utah, Virginia, West Virginia, Wisconsin and Wyoming

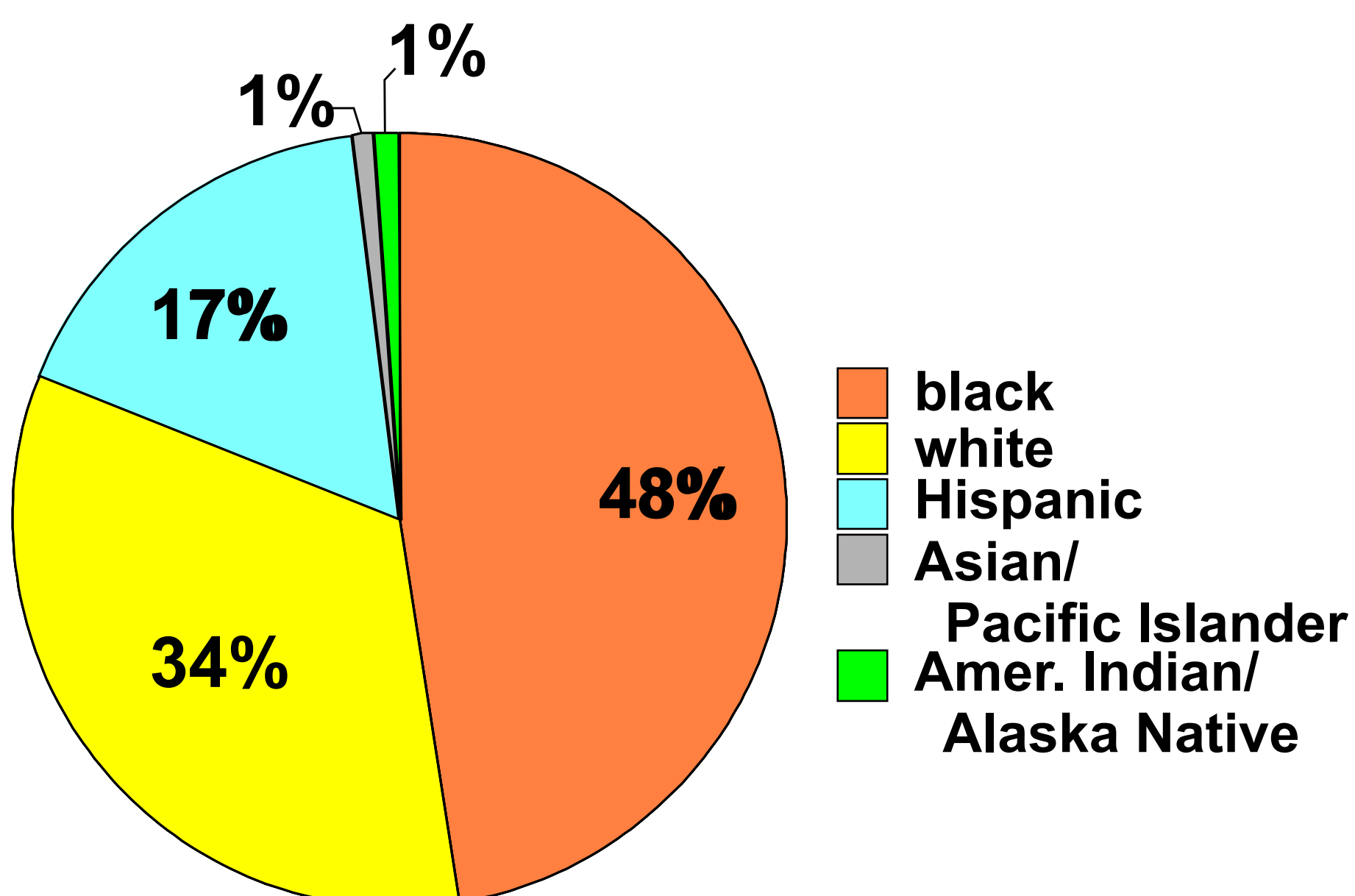
Increase in persons living with HIV/AIDS – 33 states



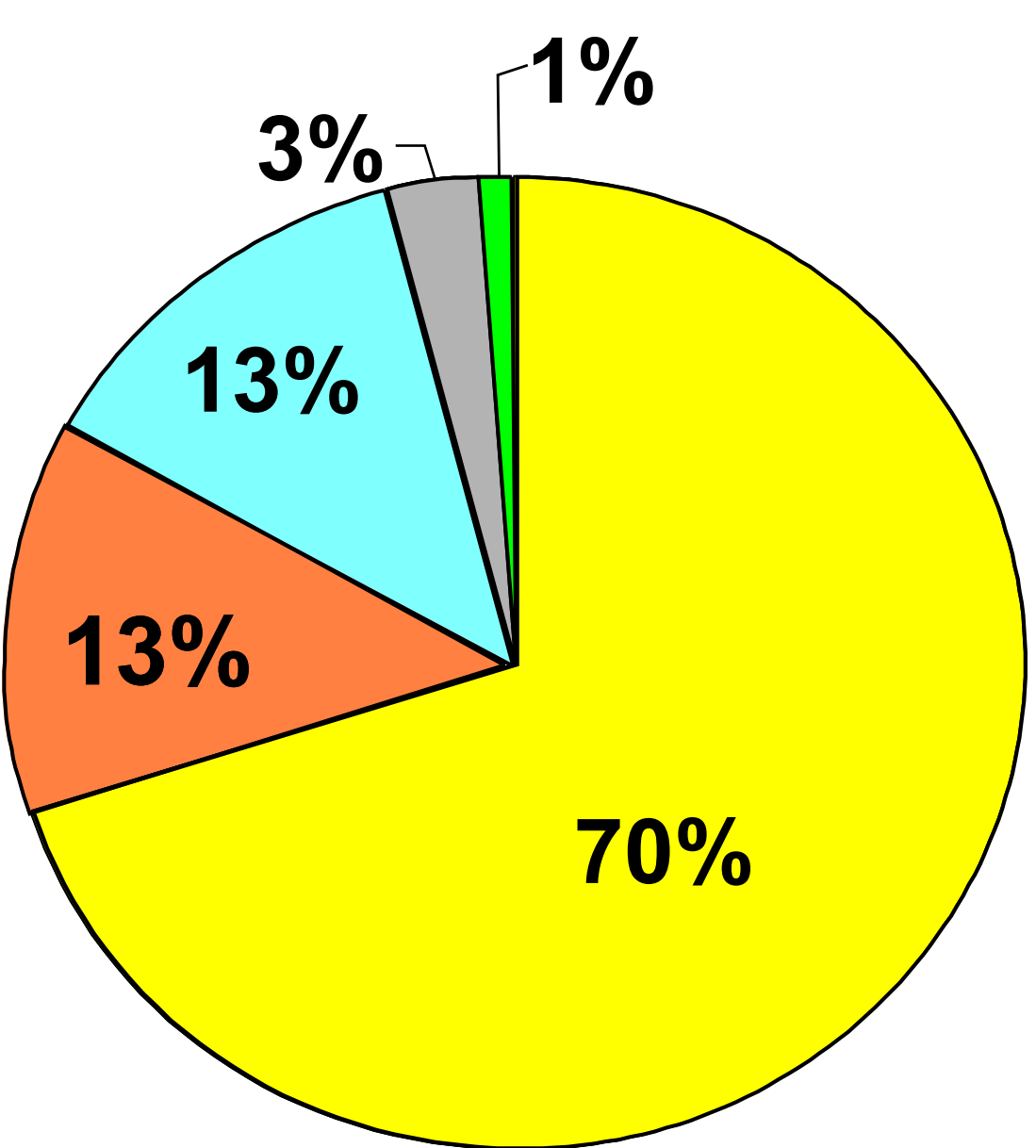
Estimated number of persons living with HIV/AIDS at the end of 2004:

462,164

Estimated persons living with HIV/AIDS at the end of 2004—33 states (N=462,164)

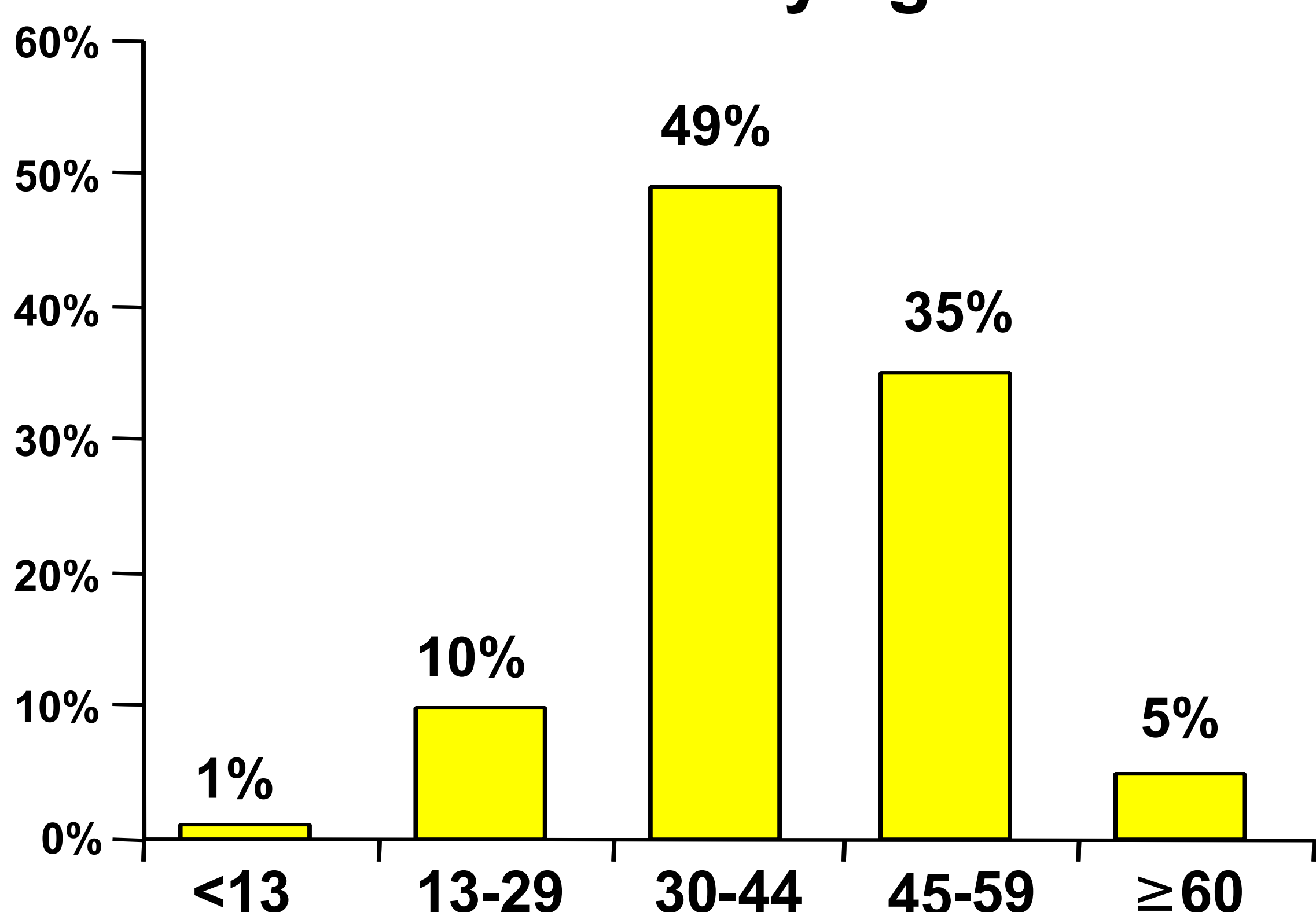


Population distribution 2004—33 states (N=186,497,462)



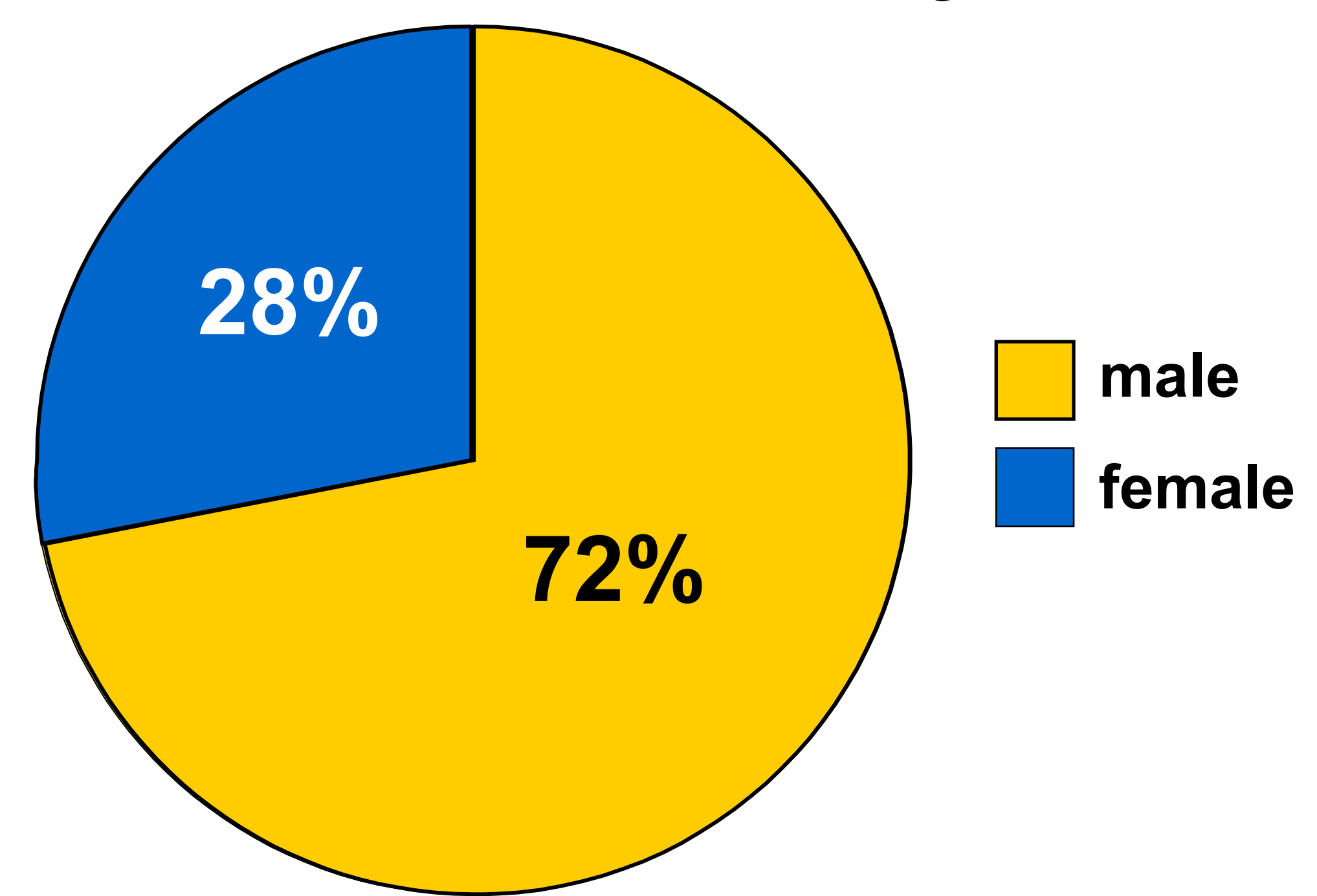
Estimated persons living with HIV/AIDS at the end of 2004—33 states (N=462,164)

Distribution by age

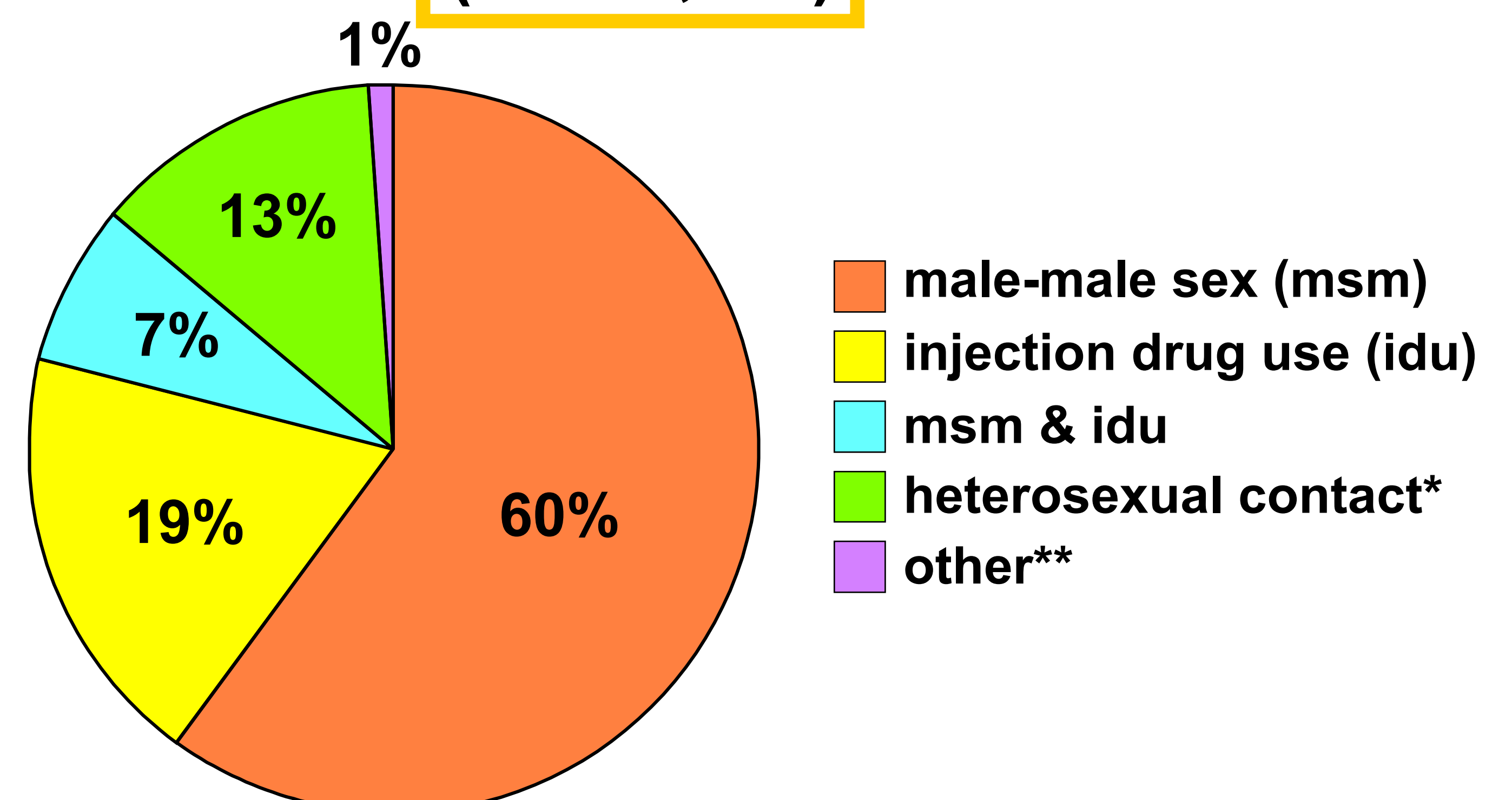


Estimated persons living with HIV/AIDS at the end of 2004—33 states (N=462,164)

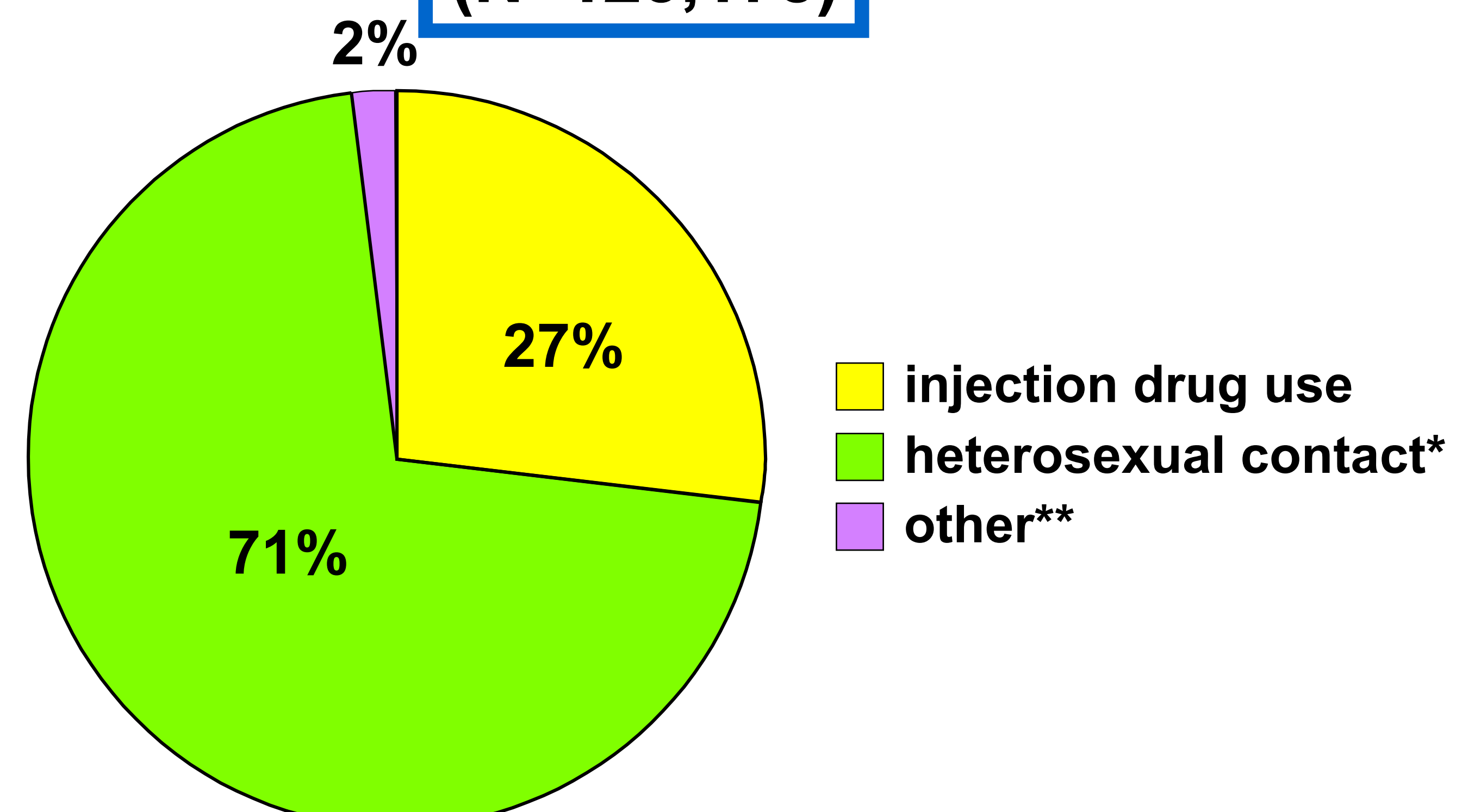
Distribution by sex



HIV risk—Males (Age ≥ 13 Years) (N=332,190)



HIV risk—Females (Age ≥ 13 Years) (N=123,178)



* heterosexual contact with a person with HIV, or at increased risk for, HIV infection
**includes hemophilia, blood transfusion, perinatal, and risk factor not reported or not identified

Cases of HIV/AIDS and prevalence rates, by race—33 states

	Living with HIV	Prevalence Rate (per 100,000 population)
White	157,101	120
Black	219,720	874
Hispanic	77,870	331
Asian/ Pacific Islander	2,695	50
American Indian/ Alaska Native	1,995	11
Total*	462,164	248

*includes unknown race

Conclusions

- Number of persons living with HIV disease continues to increase significantly
- Population groups are disproportionately affected by HIV
 - Blacks make up 48% of HIV cases but only 13% of general population in the 33 states
- Sexual contact is main transmission risk for both men and women

Public Health Implications

- Increasing prevalence of persons with HIV disease is challenge for providing medical, prevention and social services
- Culturally appropriate strategies needed to address disparities in disease
- In the 3rd decade of the HIV epidemic, innovative approaches to prevention are needed

Limitations

- Data from only 33 states with integrated HIV and AIDS surveillance reporting since 2000
 - Missing some high morbidity states: California, Illinois, Maryland
 - Limited regional data from Northeast and West
- Not all persons with HIV have been tested, diagnosed, and reported
- Adjustments for redistribution of unknown HIV transmission risk may not be accurate

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