

Changes Observed: Adolescent Sexual Health in New York State

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Mt. Sinai Adolescent Health Center

Adolescent Sexual Health Symposium

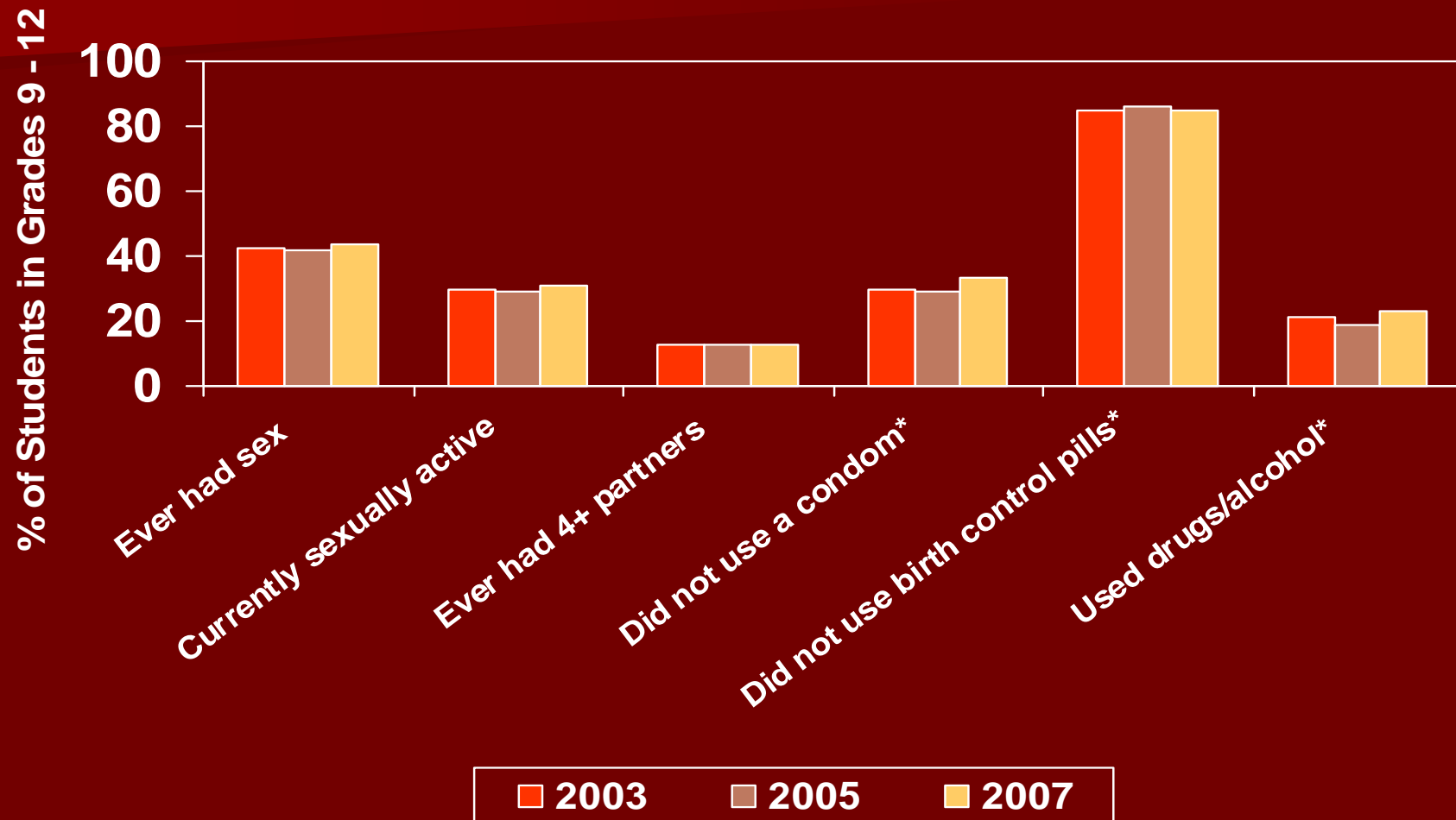
Cornell Club, NYC

February 3, 2009

Teen Sexual Behaviors: NYS, 2003-2007

Youth Risk Behavior Surveillance System*

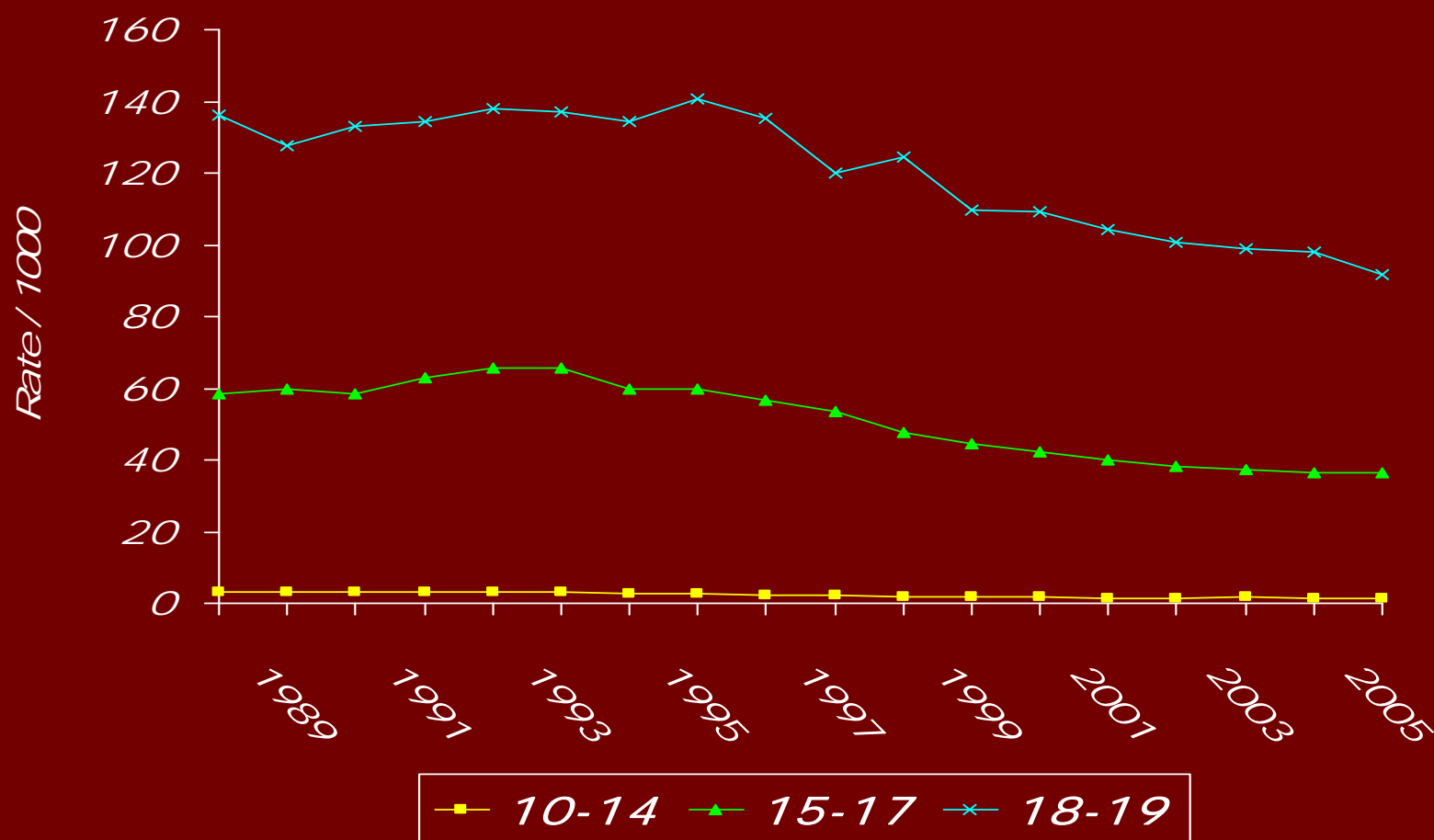
*Among those who had sexual intercourse in past 3 months



*NYSDOH Bureau of Biometrics and Health Statistics

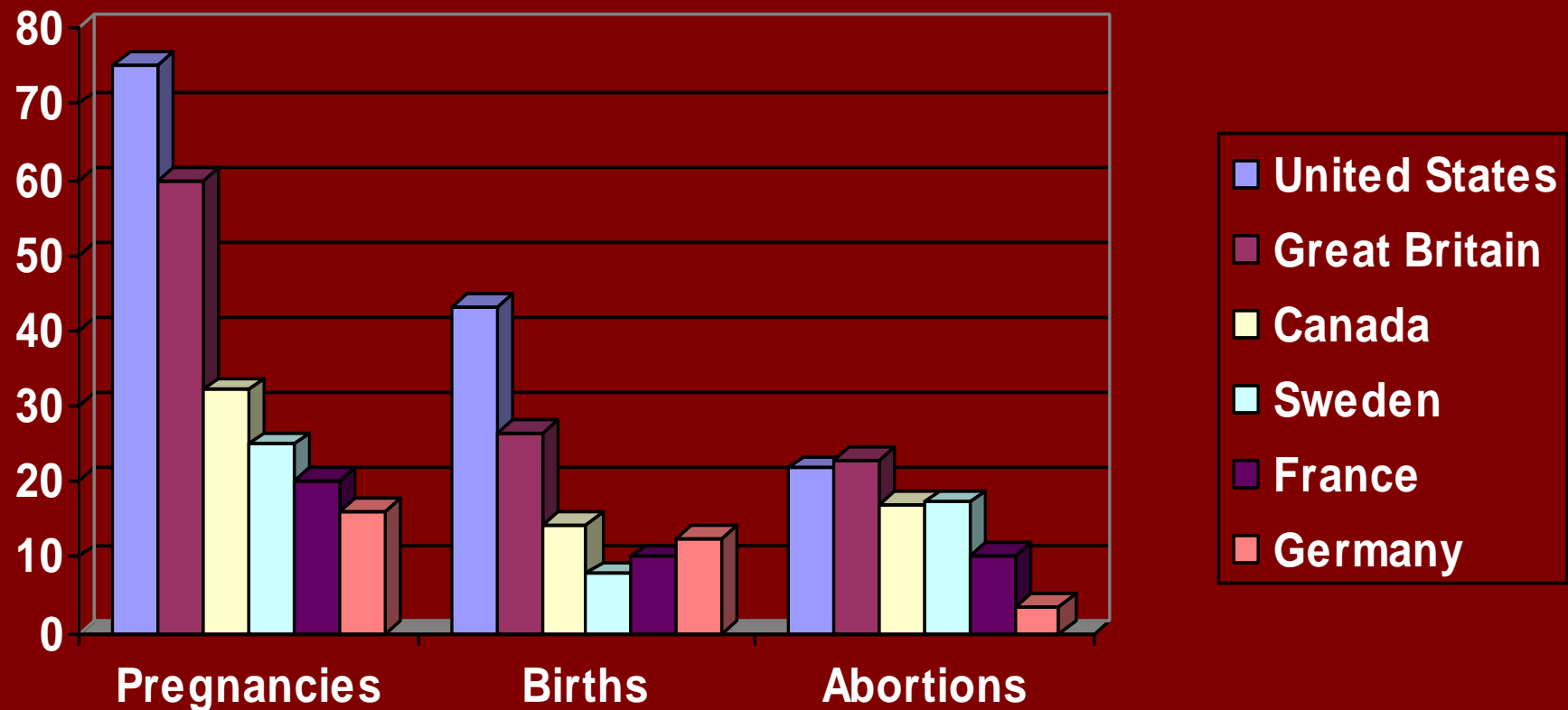
Adolescent Pregnancy Rates by Age Group

New York State, 1989-2006 *



*NYSDOH Bureau of Biometrics and Health Statistics

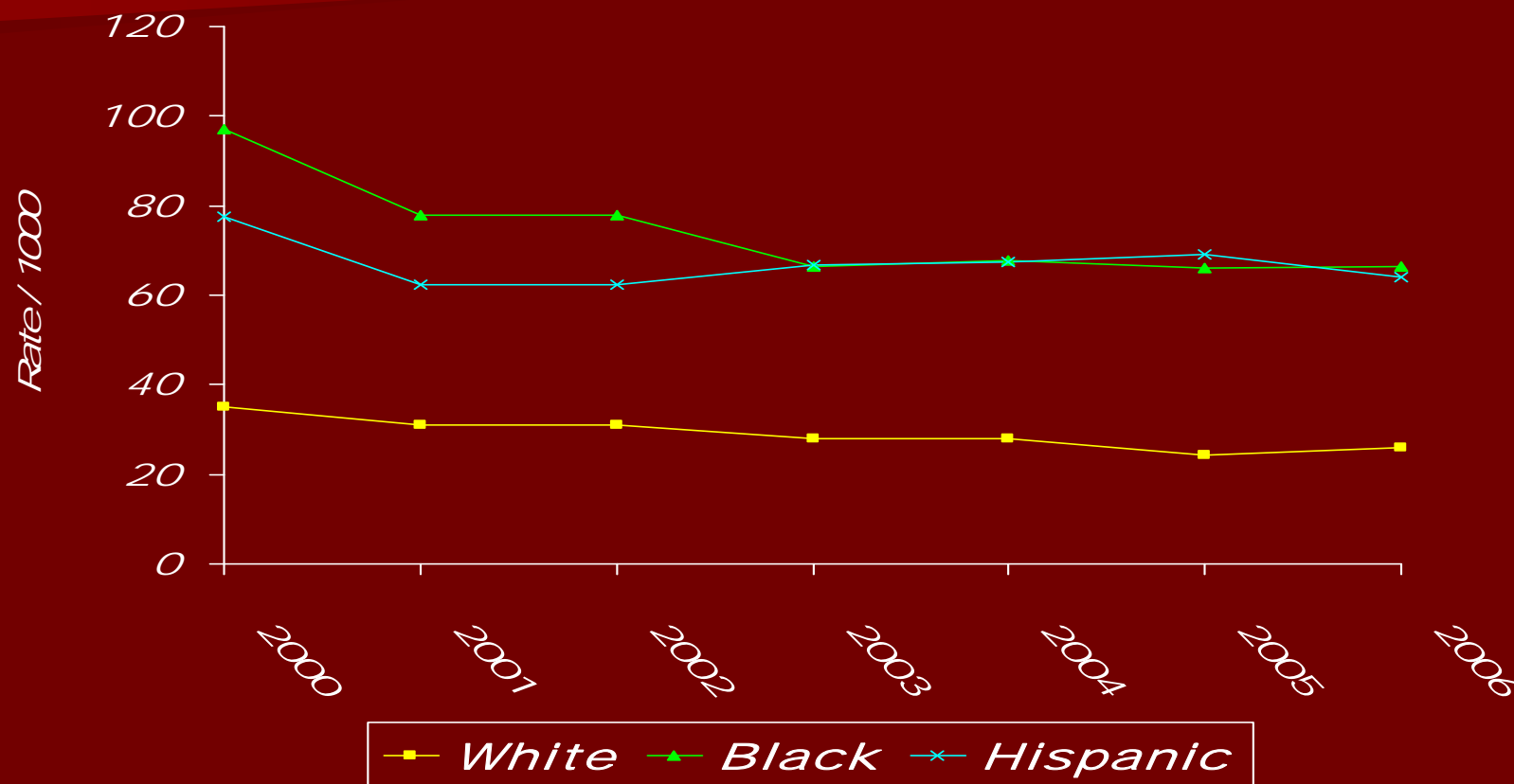
Pregnancies, births, & abortions among adolescent girls: International comparison



■ Number per 1,000

Adolescent Pregnancy Rates by Race/Ethnicity*

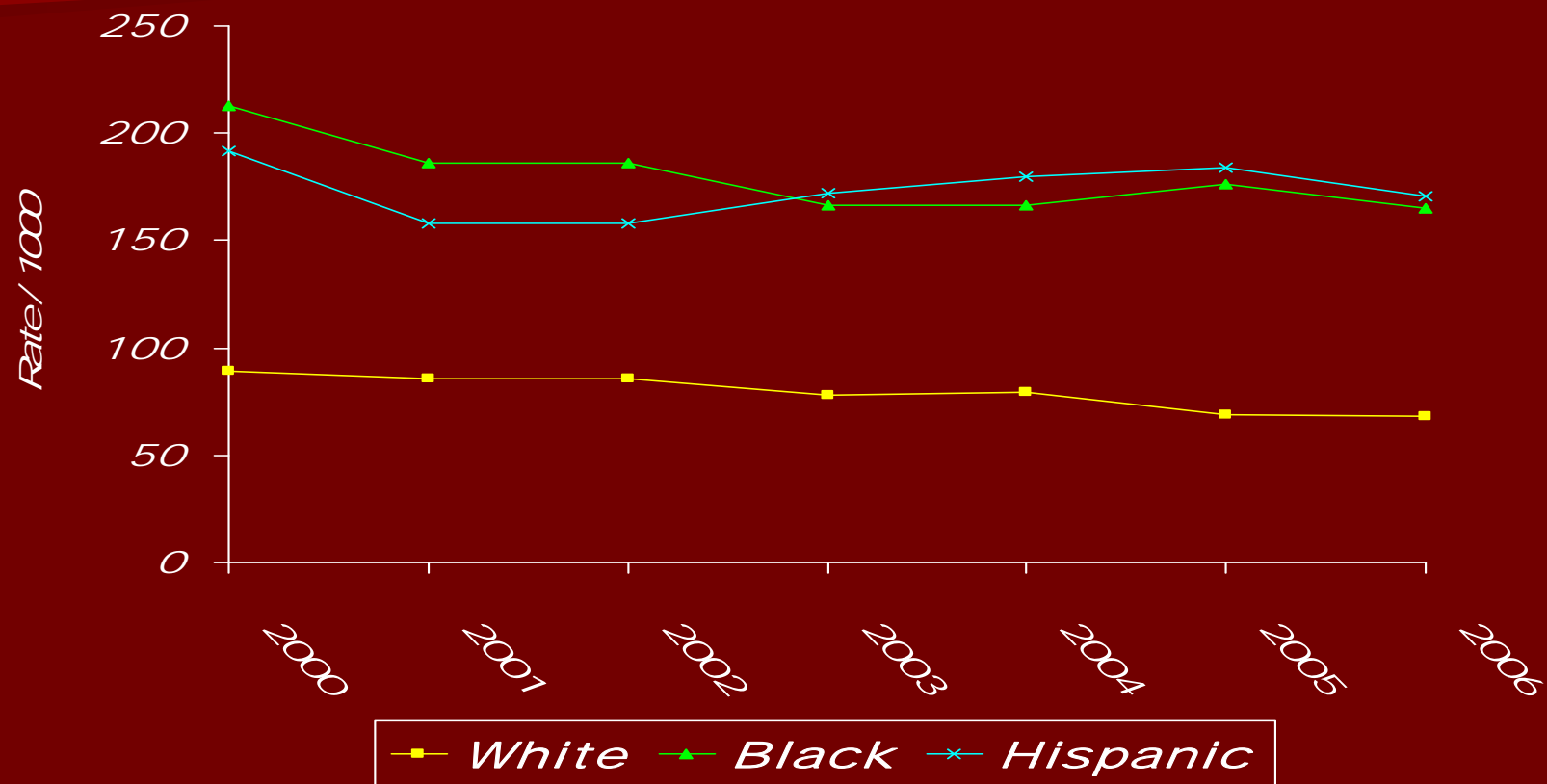
15–17 year olds, New York State, 2000-2006**



* Race and Hispanic ethnicity are not mutually exclusive. Hispanic captures teens of all races who self-reported as Hispanic.

** NYSDOH Bureau of Biometrics and Health Statistics

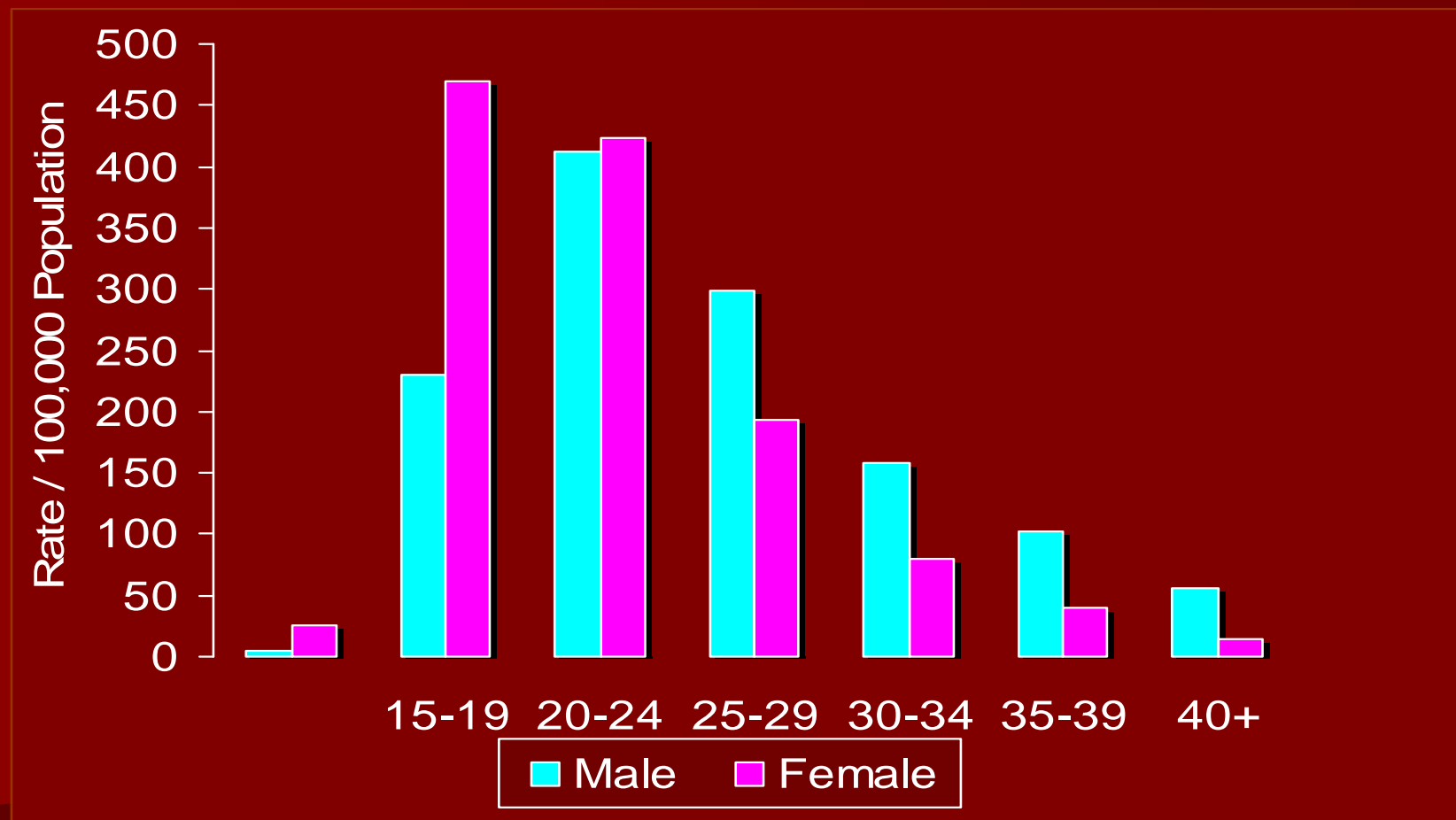
Adolescent Pregnancy Rates by Race/Ethnicity* Among 18 - 19 year olds, New York State, 2000-2006**



* Race and Hispanic ethnicity are not mutually exclusive. Hispanic captures teens of all races who self-reported as Hispanic.

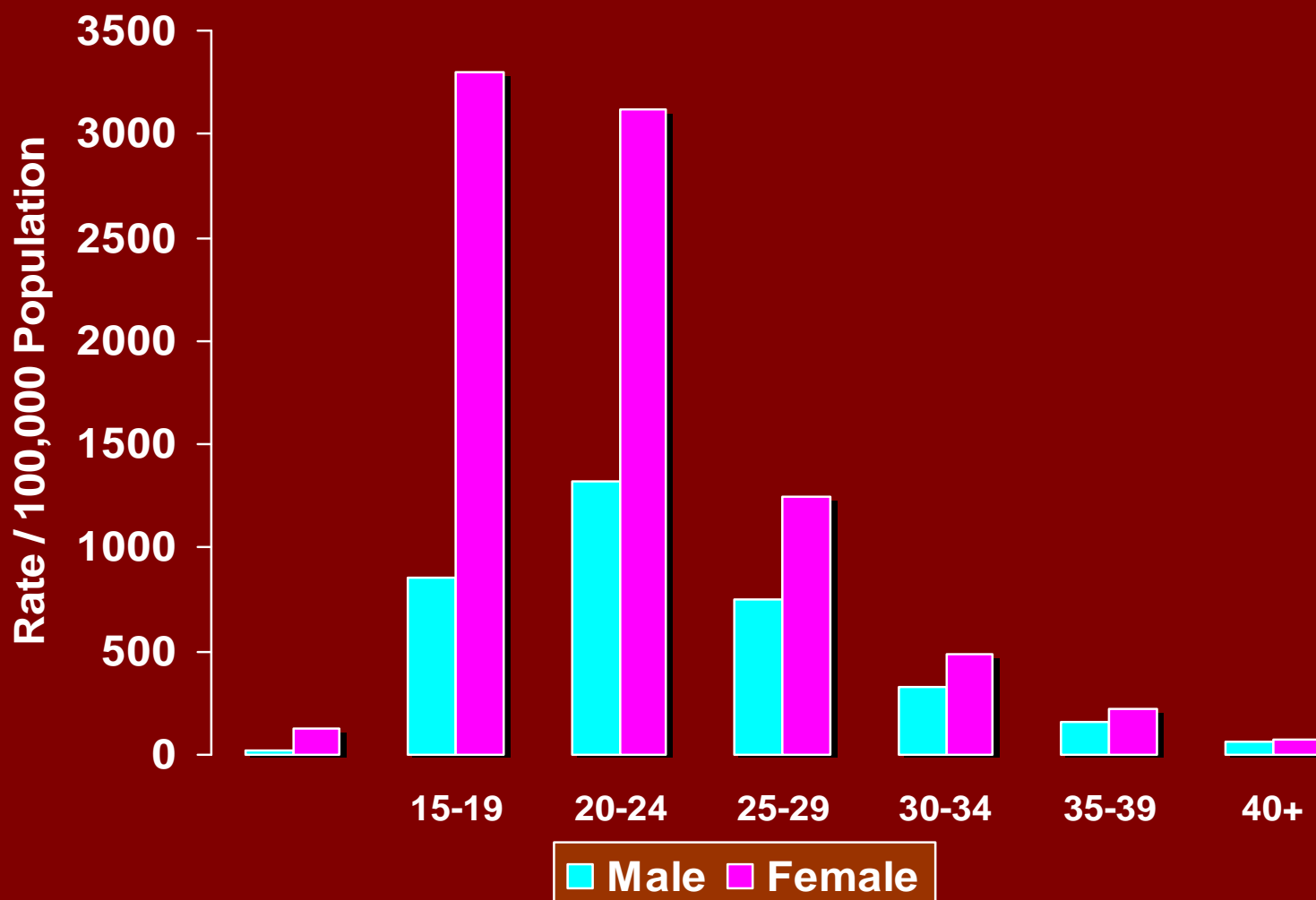
** NYSDOH Bureau of Biometrics and Health Statistics

Rates of Gonorrhea by Age Group and Gender, New York State, 2007*



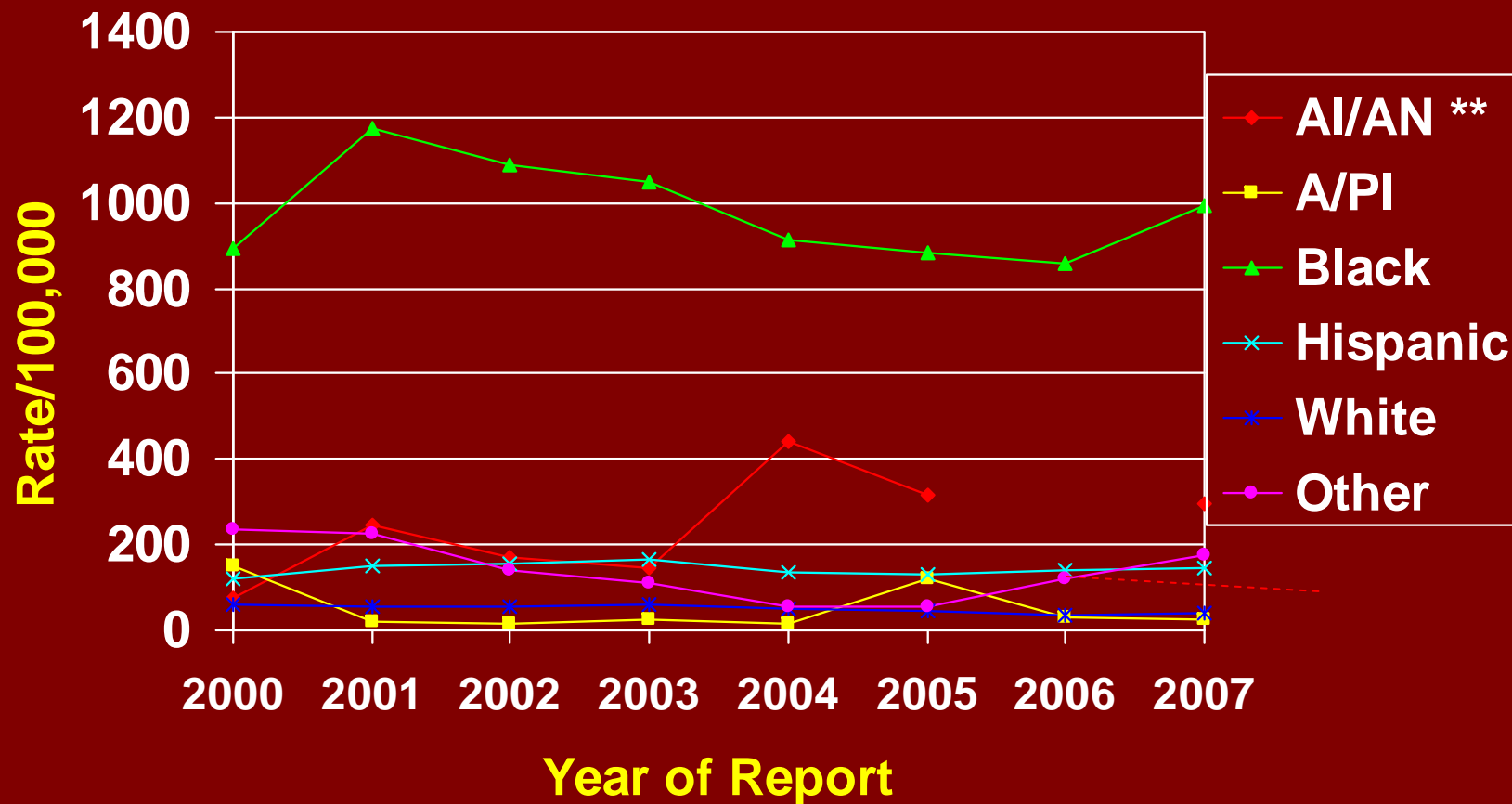
*NYSDOH Bureau of Biometrics and Health Statistics

Rates of Chlamydia by Age Group and Gender, New York State, 2007*



*NYSDOH Bureau of Biometrics and Health Statistics

Gonorrhea Rates by Race/Ethnicity § among 15-19 year olds, New York State, 2000-2007*

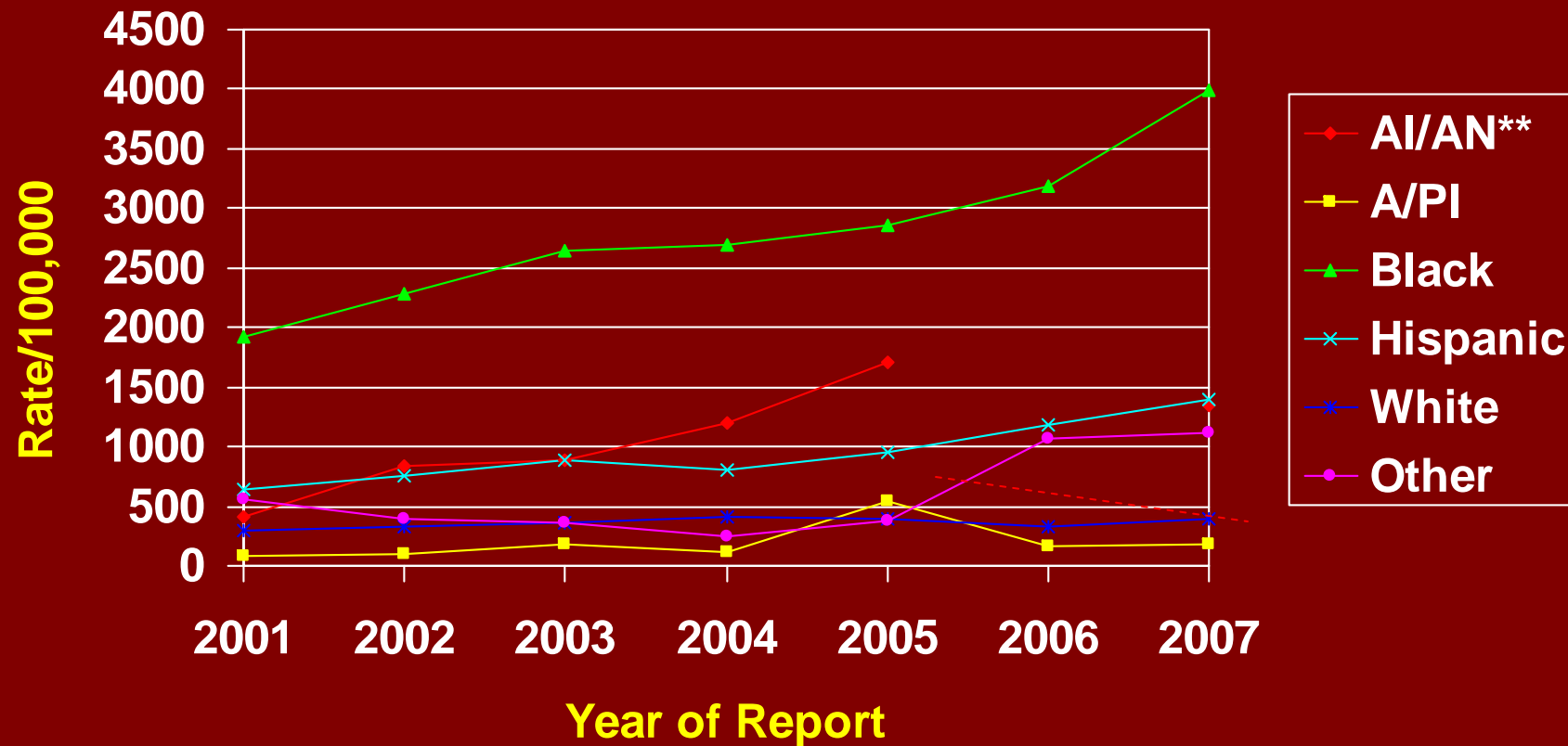


§32% of reported cases are missing race/ethnicity data.

** 2006 data for Native Americans are excluded due to reporting errors .

*NYSDOH Bureau of Biometrics and Health Statistics

Chlamydia Rates by Race/Ethnicity[§] among 15-19 year olds, New York State, 2001-2007*



Chlamydia became reportable in August 2000 § 40% of reported cases are missing race/ethnicity data.

** 2006 data for Native Americans are excluded due to reporting errors.

*NYSDOH Bureau of Biometrics and Health Statistics

Mount Sinai Adolescent Health Center HPV Pilot Study: HPV, Age and sexual behavior

Demographics of Pilot Study Population

Mean age 18 years (15 to 22)

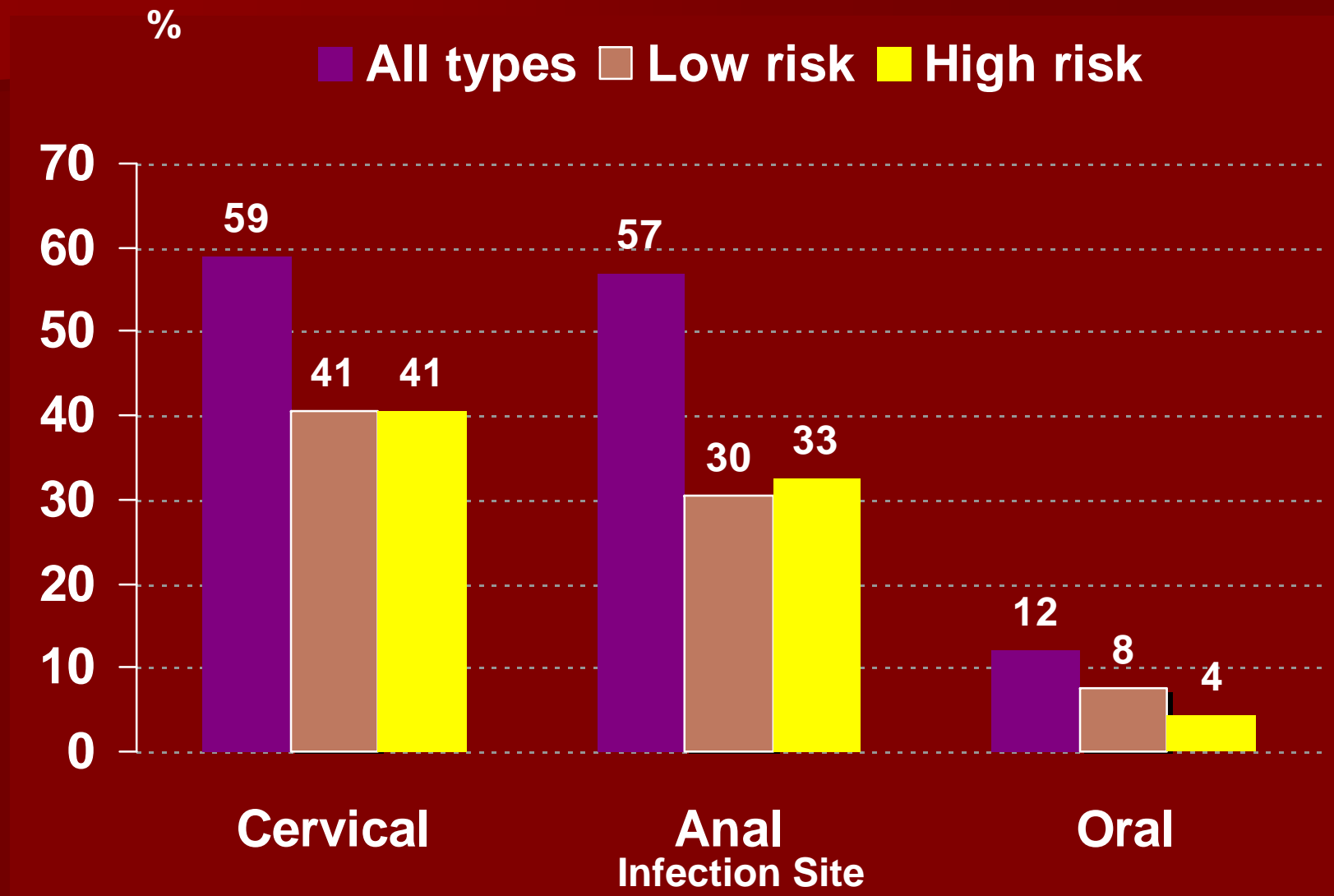
Race/Ethnicity

- African-American: 55%
- Hispanic: 40%
- Caucasian/other: 5%

Sexual behavior

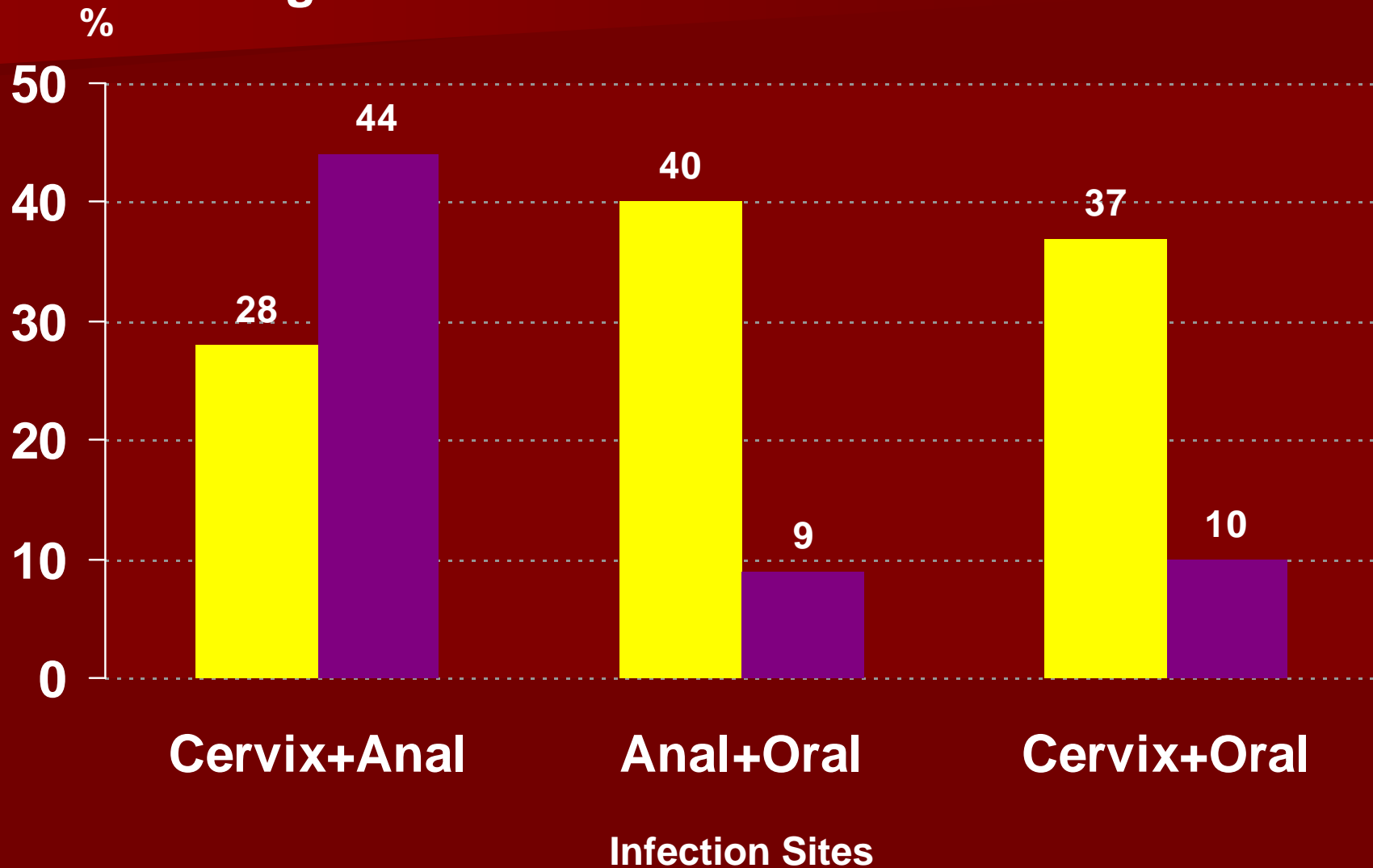
Vaginal intercourse	99% (95)
Anal intercourse	27% (24)
Oral sex	66% (58)
Number of sexual partners	
1-3	46% (44)
6+	42% (40)

Mount Sinai Adolescent Health Center HPV Pilot Study: HPV DNA Prevalence



Mount Sinai Adolescent Health Center HPV Pilot Study: Rates of HPV Infection at 2 sites

■ Negative both sites ■ Positive both sites



Mount Sinai Adolescent Health Center Sexual Abuse Study: Age of Victim at First Episode

Age (years)	N
3-4	12
5-6	19
7-8	16
9-10	22
11-12	13
13-14	11
15-17	7

*mean age at first episodes was 8.8 years

Mount Sinai Adolescent Health Center Sexual Abuse Study: Age at Onset of Sexual Abuse

70% of abuse began pre-pubertal

- For 51% of females, abuse started and ended before menstruation
- For 19% of females, abuse started before menstruation and ended after

For 30% females, abuse started after menstruation

Mount Sinai Adolescent Health Center Sexual Abuse Study: Total Number of Perpetrators

	Victims	Perpetrators
	N	N
One	67	67
Multiple	33	98
Total	100	165

Mount Sinai Adolescent Health Center Sexual Abuse Study: Perpetrators

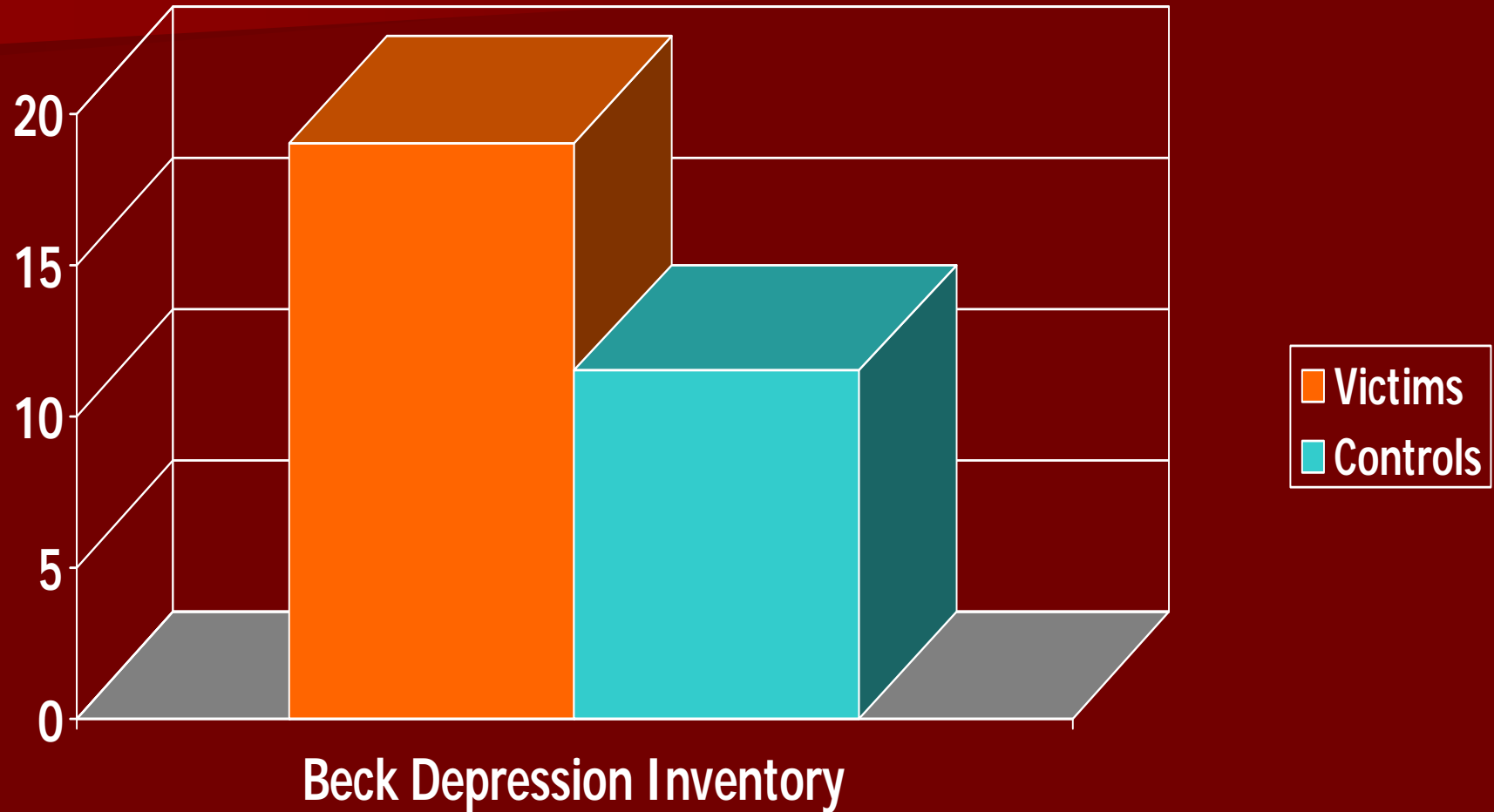
	<u>First Episode</u>	<u>All Episodes</u>
	N	N (%)
Father	31	34 (21)
Father surrogate	22	32 (19)
Mother or surrogate	2	3 (2)
Siblings	7	13 (8)
Other relatives	23	36 (22)
Nonrelatives	15	47 (28)
Total	100	165

Mount Sinai Adolescent Health Center Sexual Abuse Study: Age of Perpetrator at First Episode

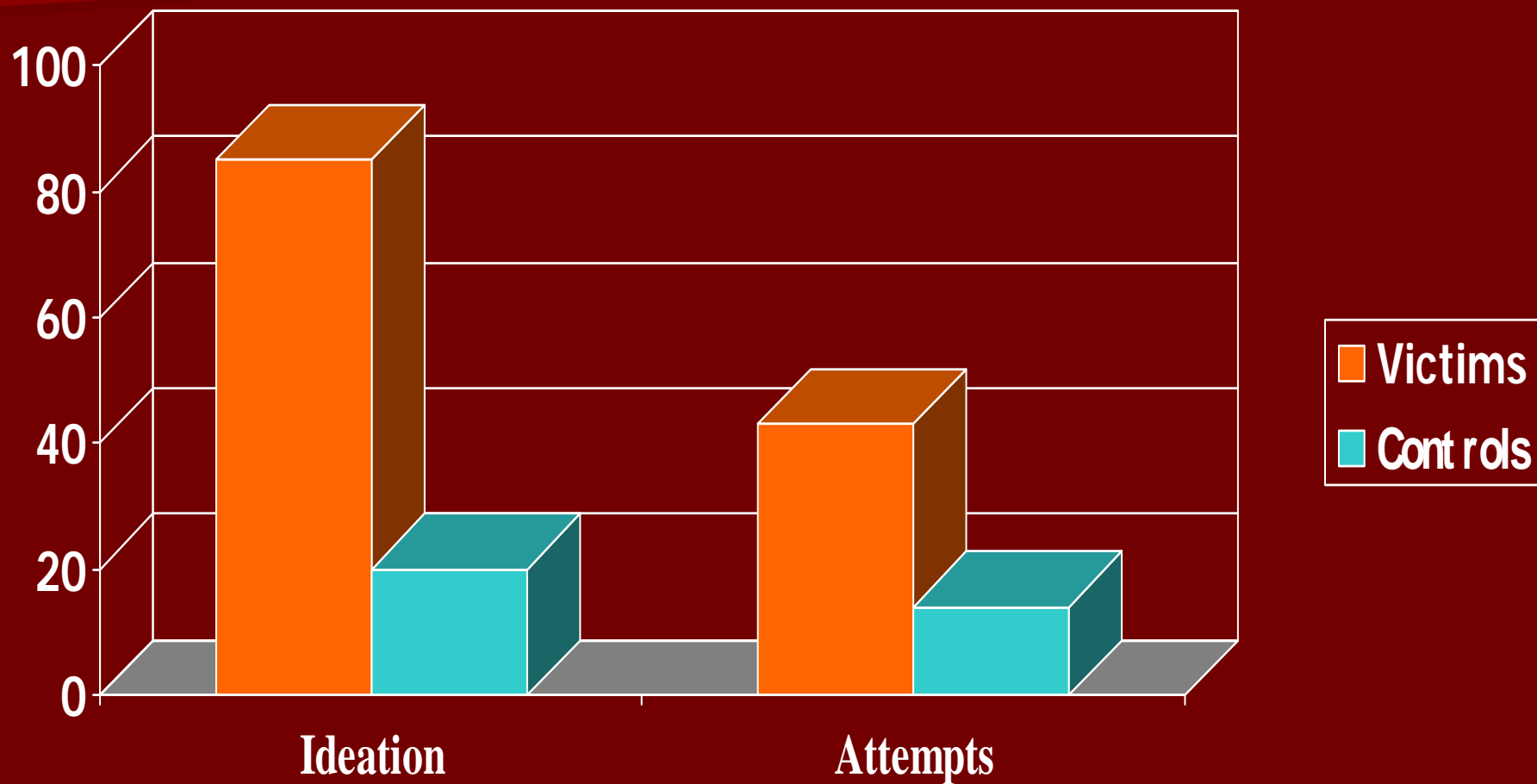
Age (years)	N
10-19	20
20-29	19
30-39	28
40-49	20
50-59	5
60-69	7
70-79	3
unknown	4

*mean age of perpetrator was 32.0 years

Mount Sinai Adolescent Health Center Sexual Abuse Study: Depressive Symptoms



Mount Sinai Adolescent Health Center Sexual Abuse Study: Suicidality



Mount Sinai Adolescent Health Center Sexual Abuse Study: Additional Victimization

Abuse

physical	68%
emotional	59%
other sexual assault	28%

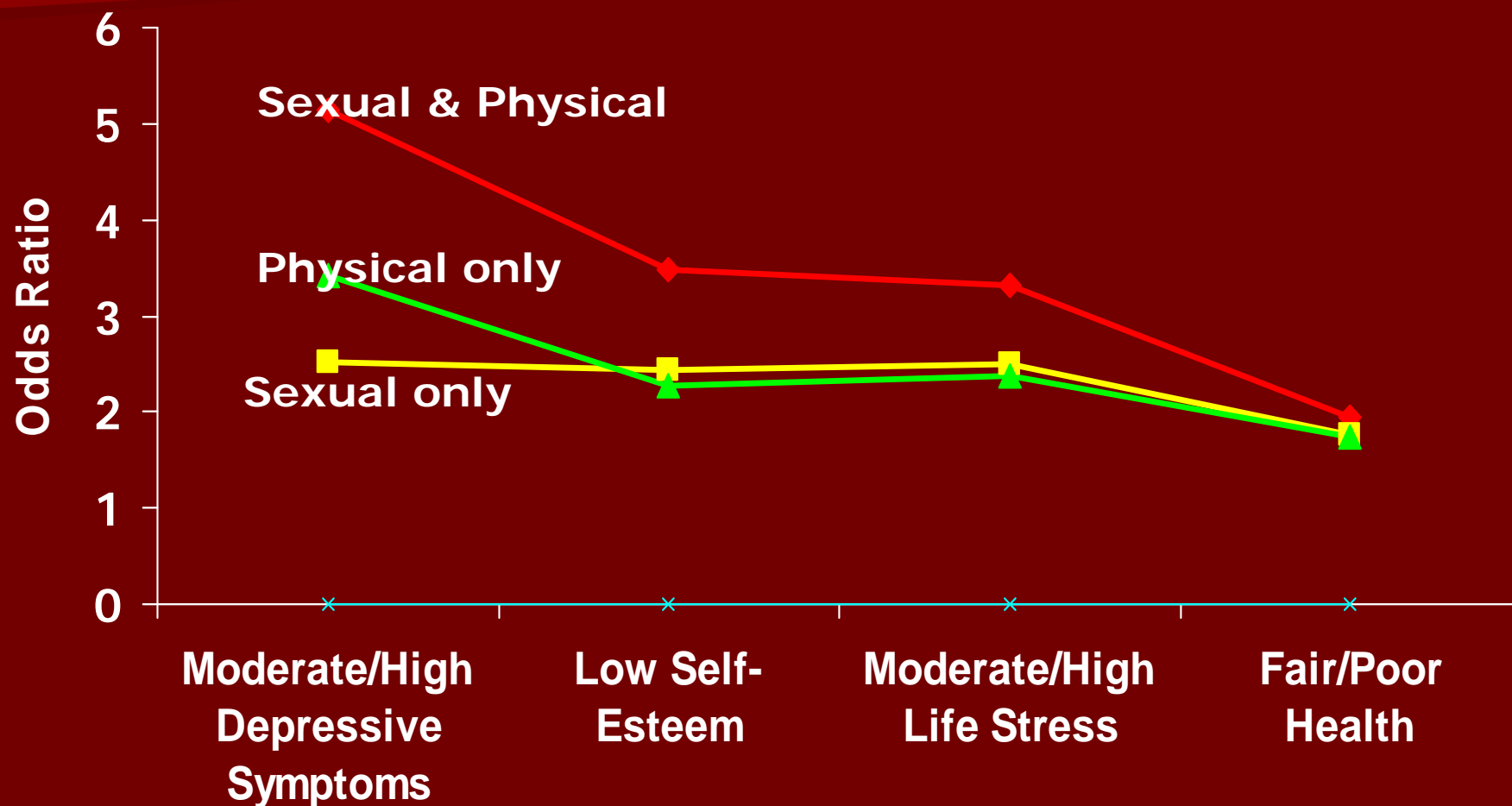
Relationship status

ever	83%
current	52%

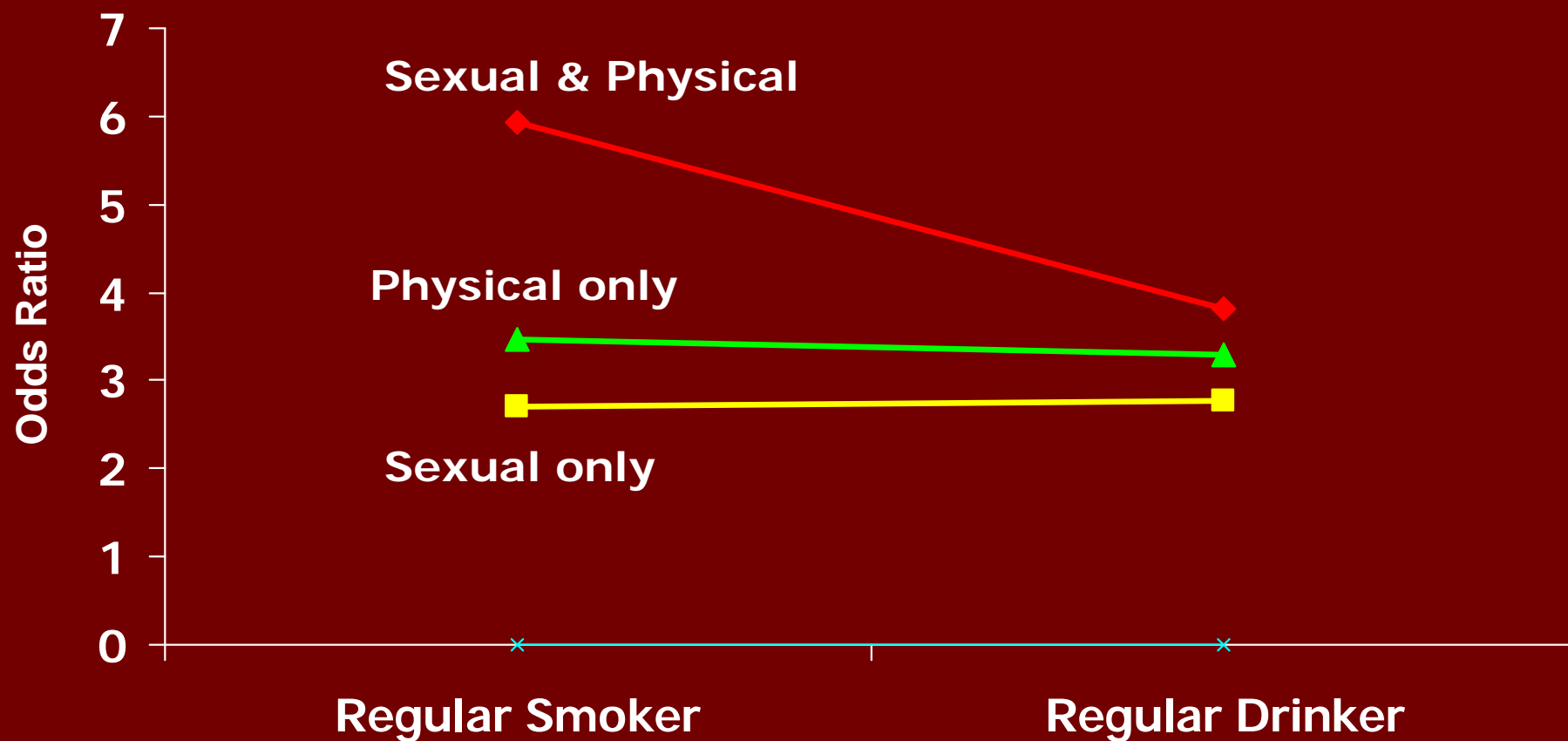
Relationship abuse

ever	25%
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Mount Sinai Adolescent Health Center Sexual Abuse Study: Independent Associations – Abuse, Mental Health, & Health Status



Mount Sinai Adolescent Health Center Sexual Abuse Study: Independent Associations Between Abuse & Substance Use



Mount Sinai Adolescent Health Center Sexual Abuse Study: Abuse, Illicit Drug Use & Binge/Purge Behaviors

