



2014 FLORIDA YOUTH SUBSTANCE ABUSE SURVEY

October 22, 2014

Presentation Outline

1. Methodology
2. 2014 M.S. and H.S. ATOD Rates
3. Alcohol, Cigarettes, and Marijuana
4. Other Illicit, Rx, and OTC Drugs
5. Bullying and Race/Ethnic differences in ATOD Use

Methodology

- Survey administration: February of 2014
- Sampling strategy: schools were selected to generate statistically representative state-level and county-level estimates
- Students surveyed in all 67 Florida counties
- Final sample size was 65,917 across grades 6 through 12
- The margin of error is less than 1.0 percentage point for M.S. and H.S. prevalence rates

Survey Validation

3,467 respondents (5.0%) identified and eliminated by one or more of five validation tests:

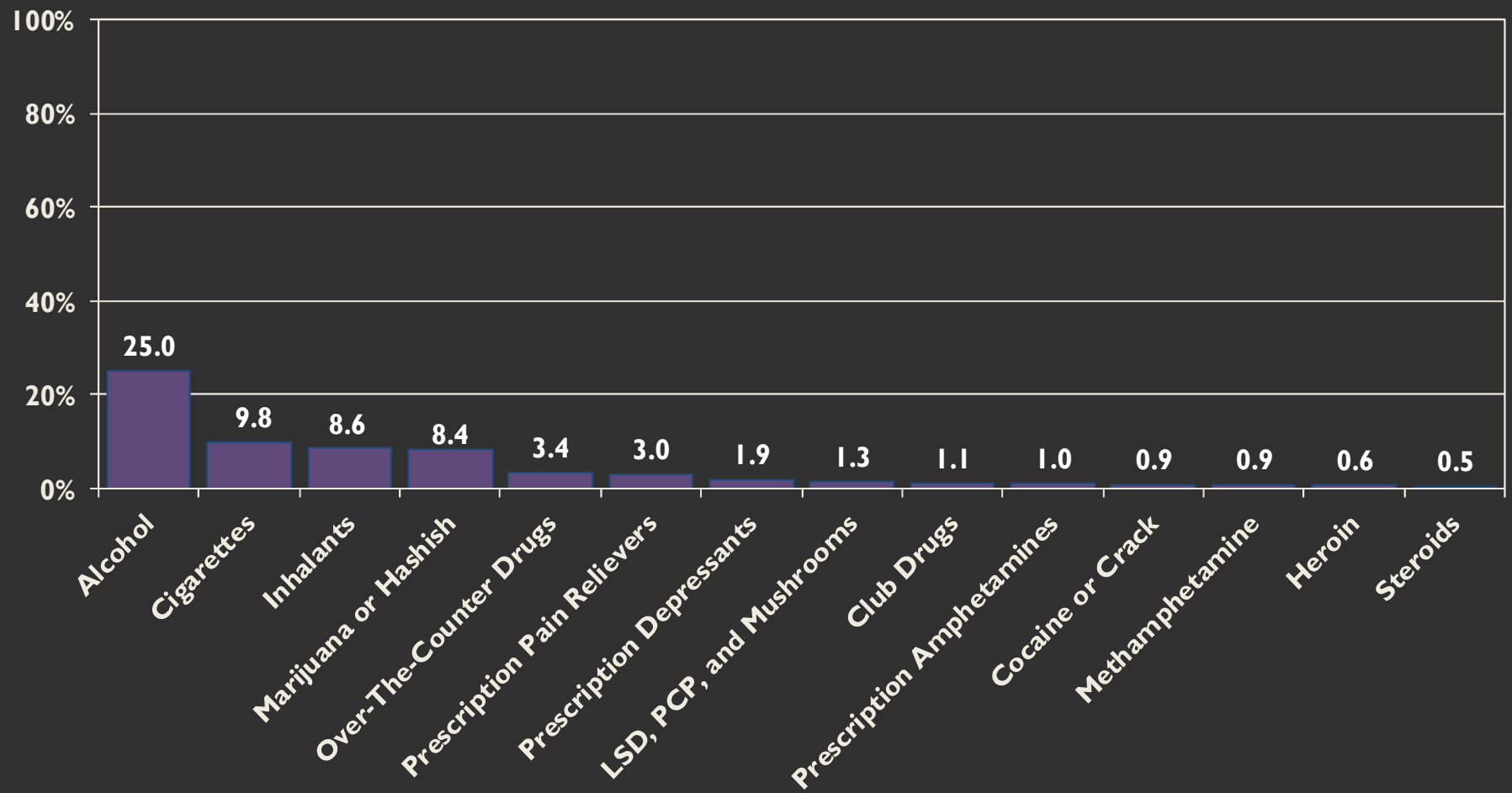
- ATOD exaggeration—1,306
- Antisocial behavior exaggeration—688
- Inconsistency—1,316
- Fictitious drug—2,115
- No response for more than 75% of the survey questions—814

Lifetime and Past-30-Day ATOD Prevalence Rates for M.S. and H.S. Students

2014 Results

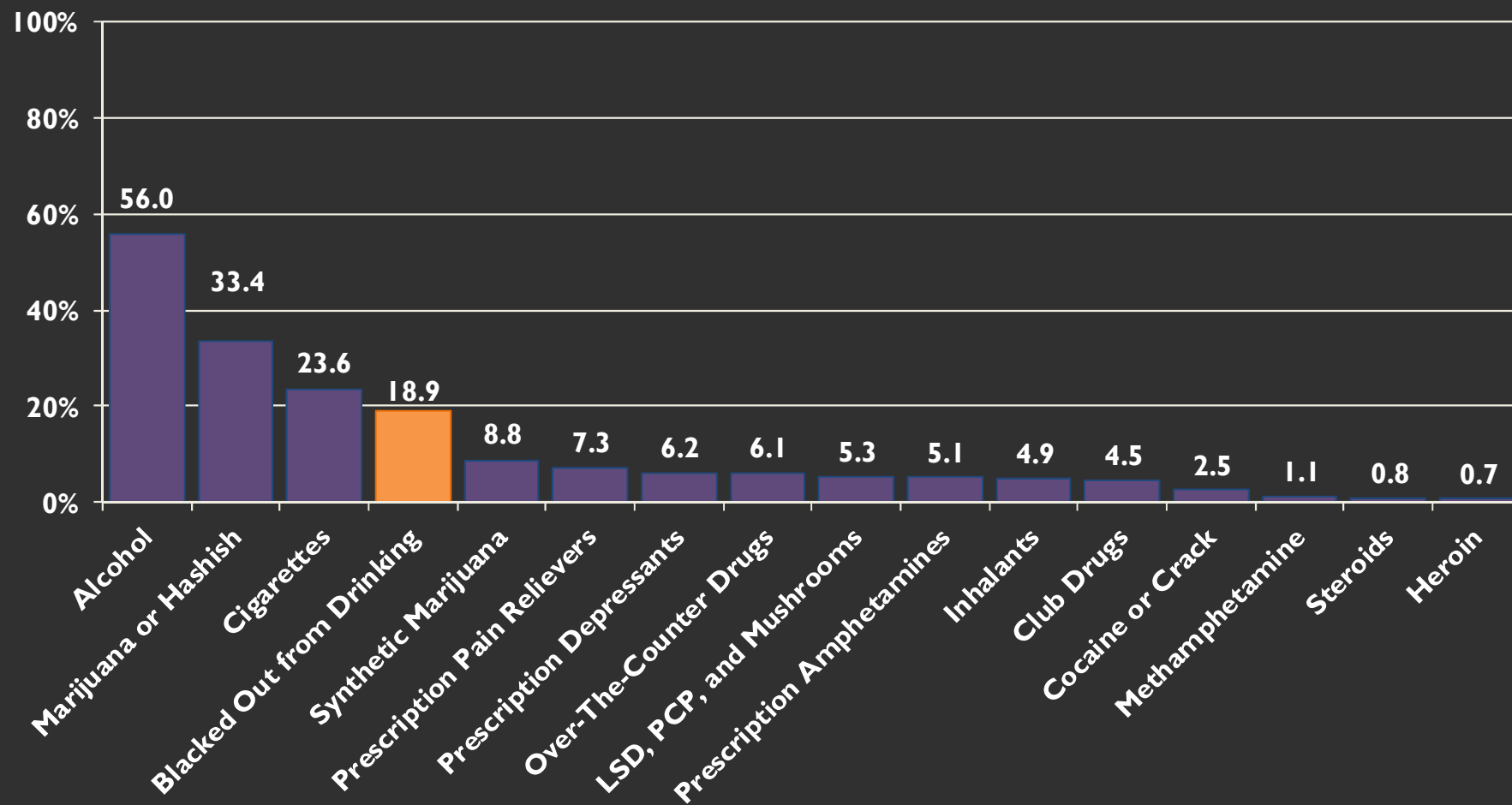
Lifetime Prevalence

Middle School



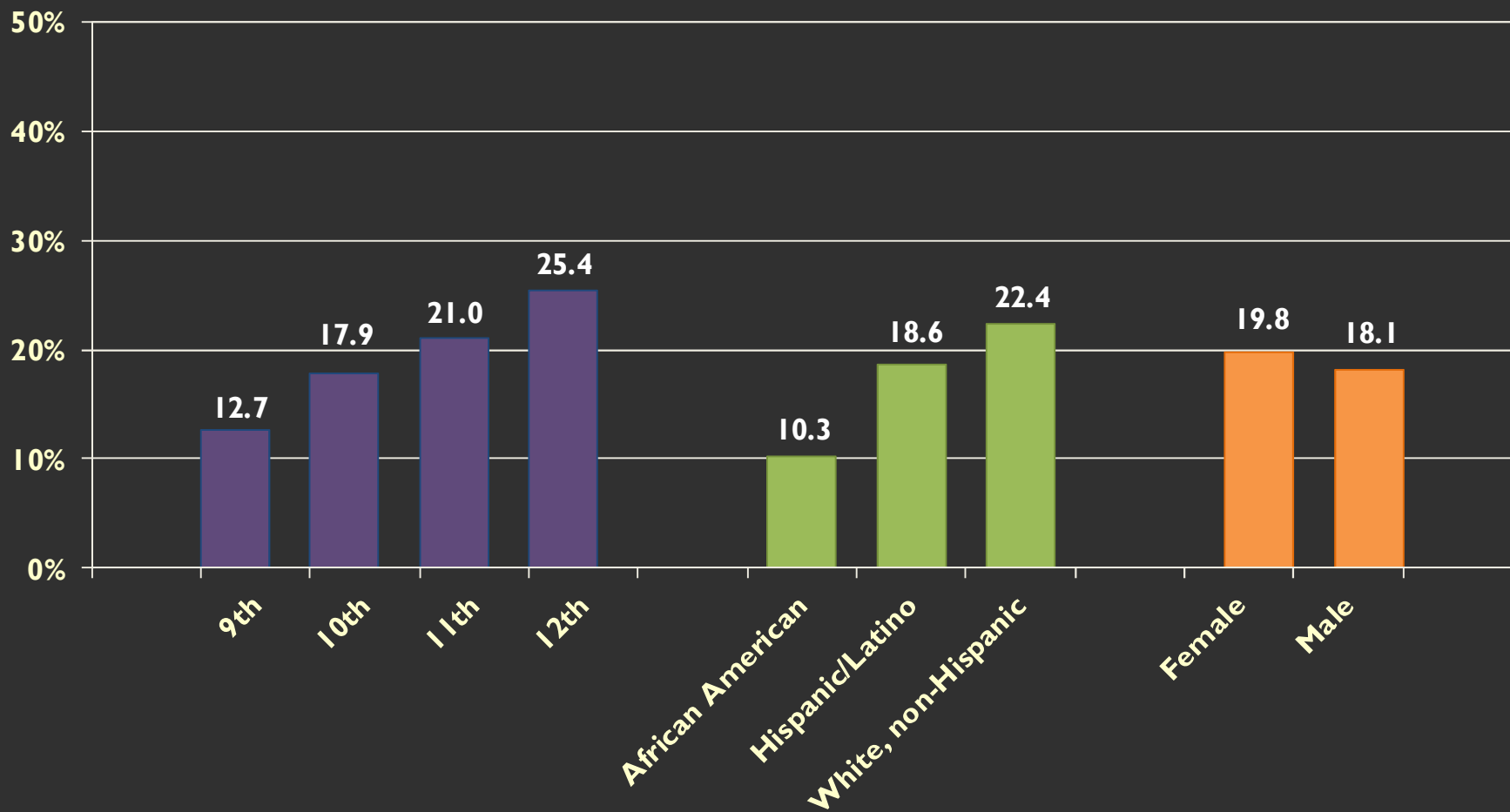
Lifetime Prevalence

High School



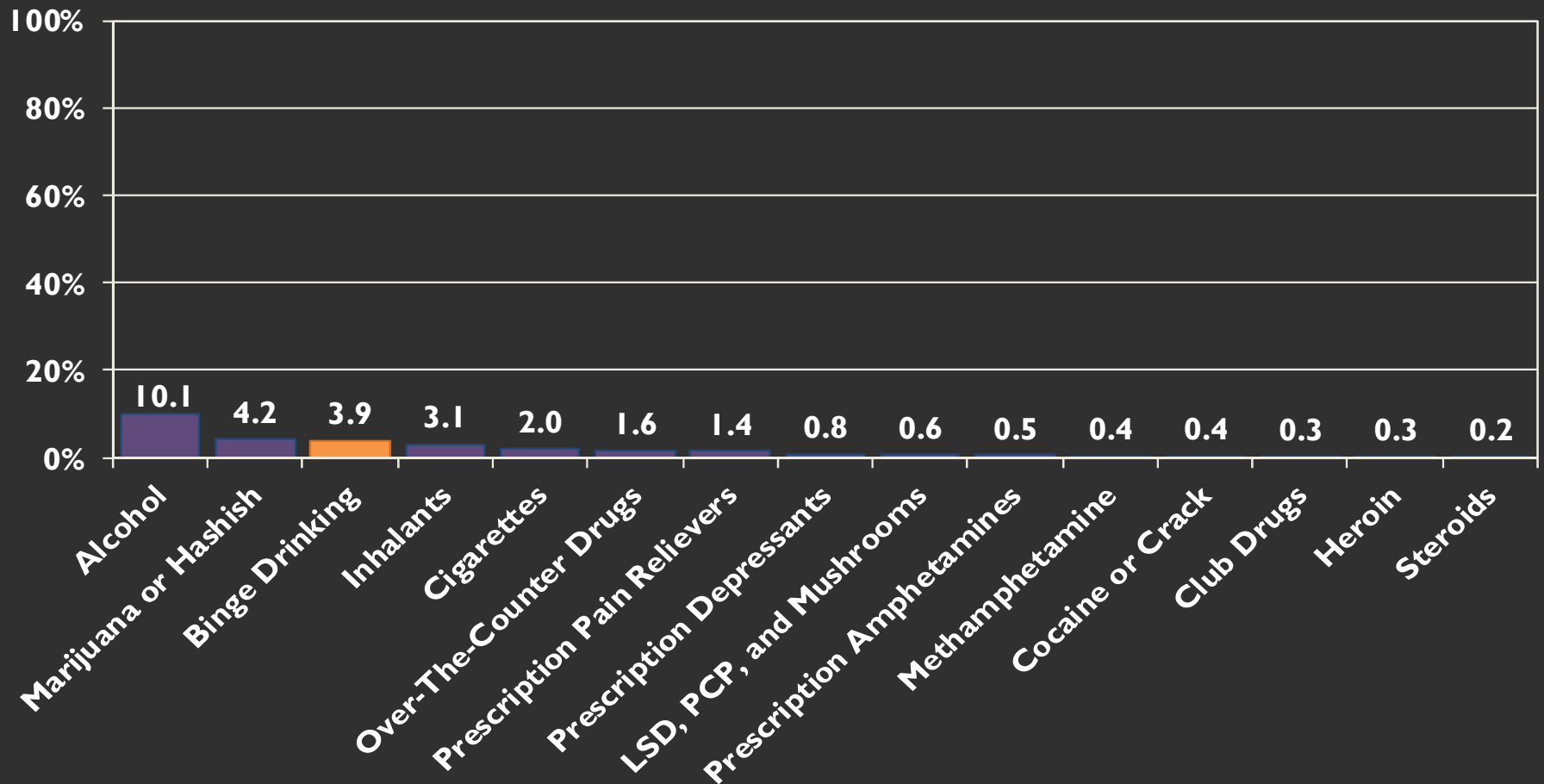
Blackening Out from Drinking

Lifetime Prevalence Among High School Students



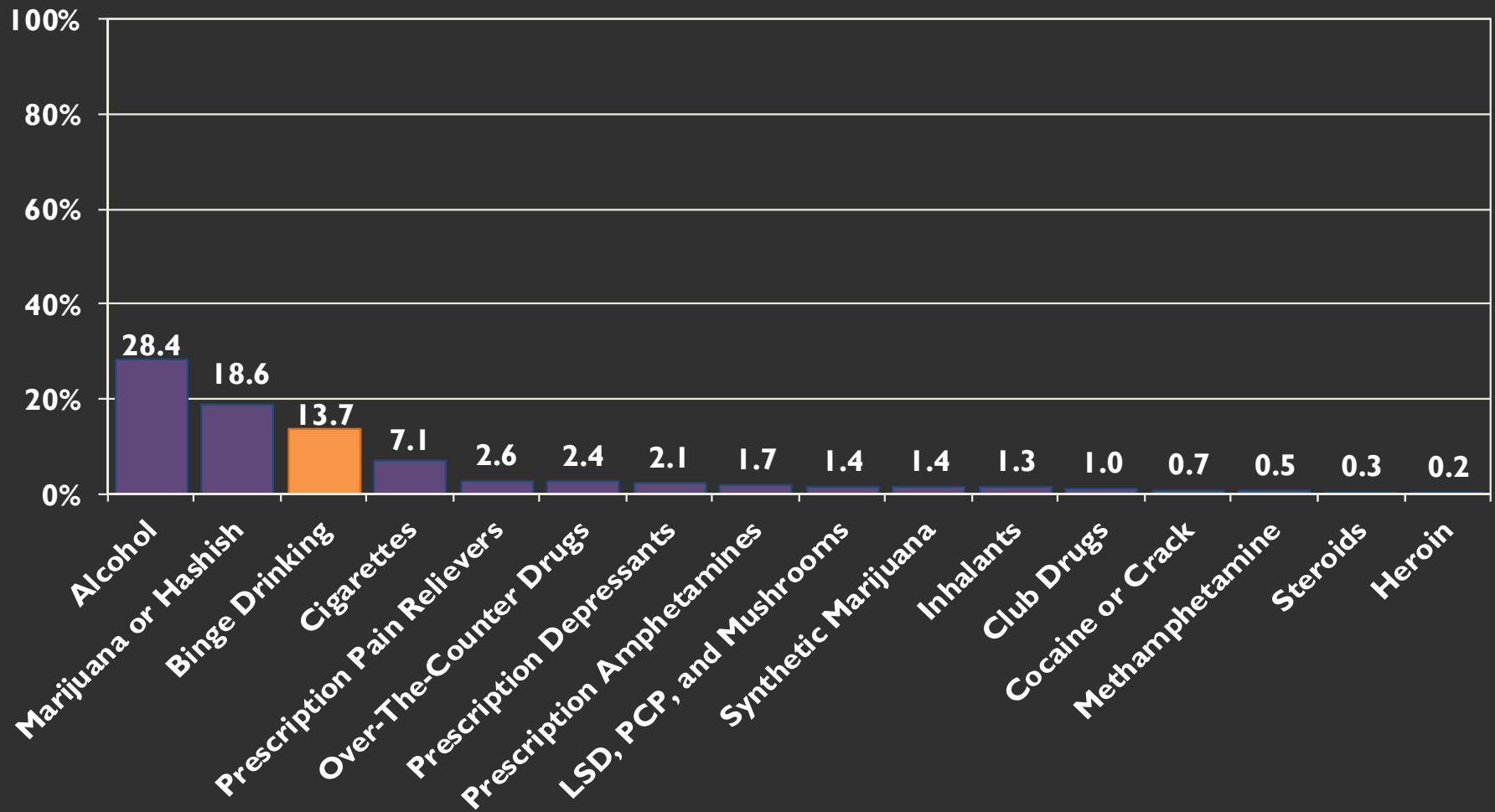
Past-30-Day Prevalence

Middle School



Past-30-Day Prevalence

High School



Alcohol, Cigarettes and Marijuana

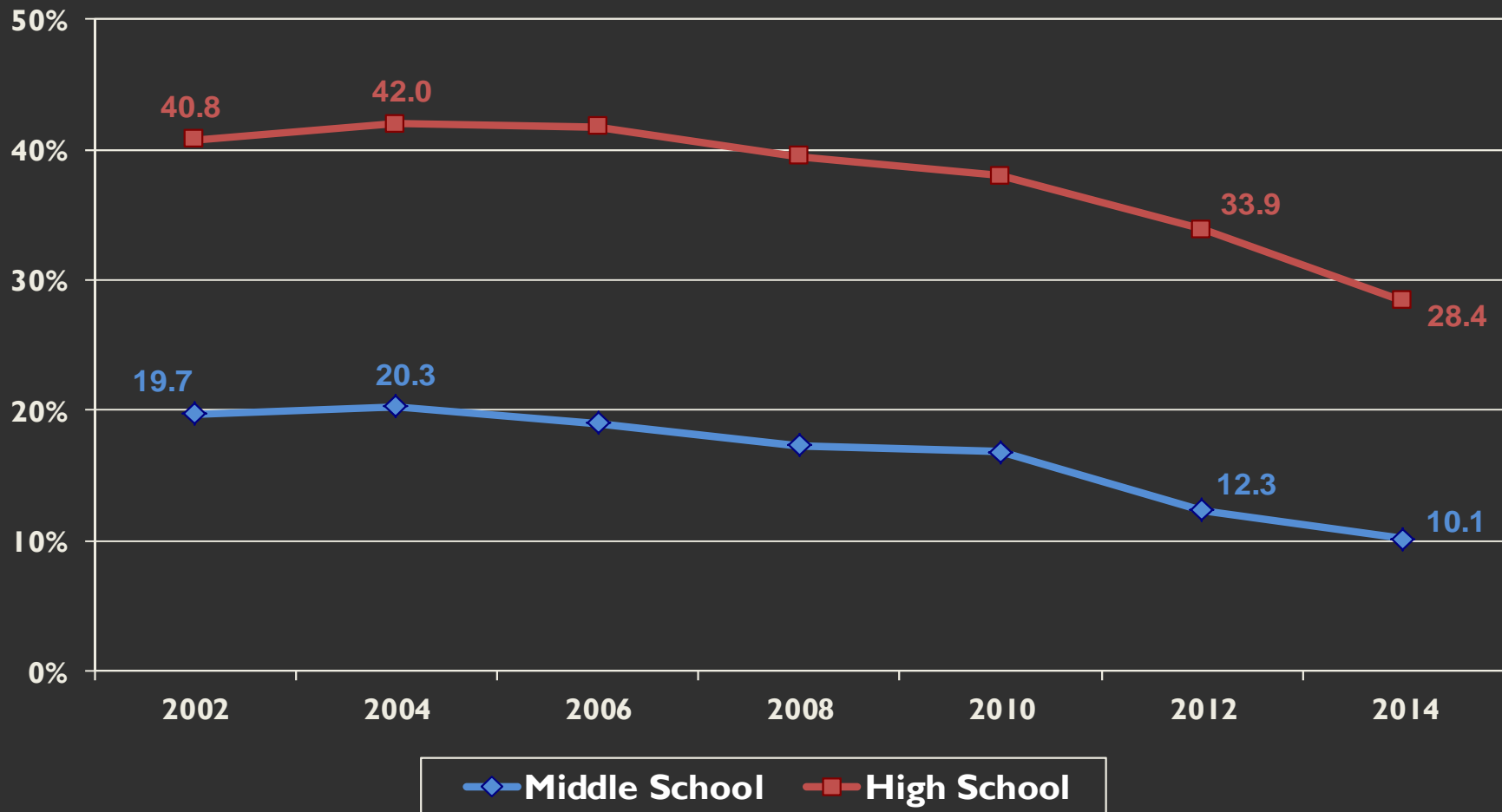
2002-2014 Trends

Risk of Harm and Disapproval
Vehicle Use

ATOD Use During School

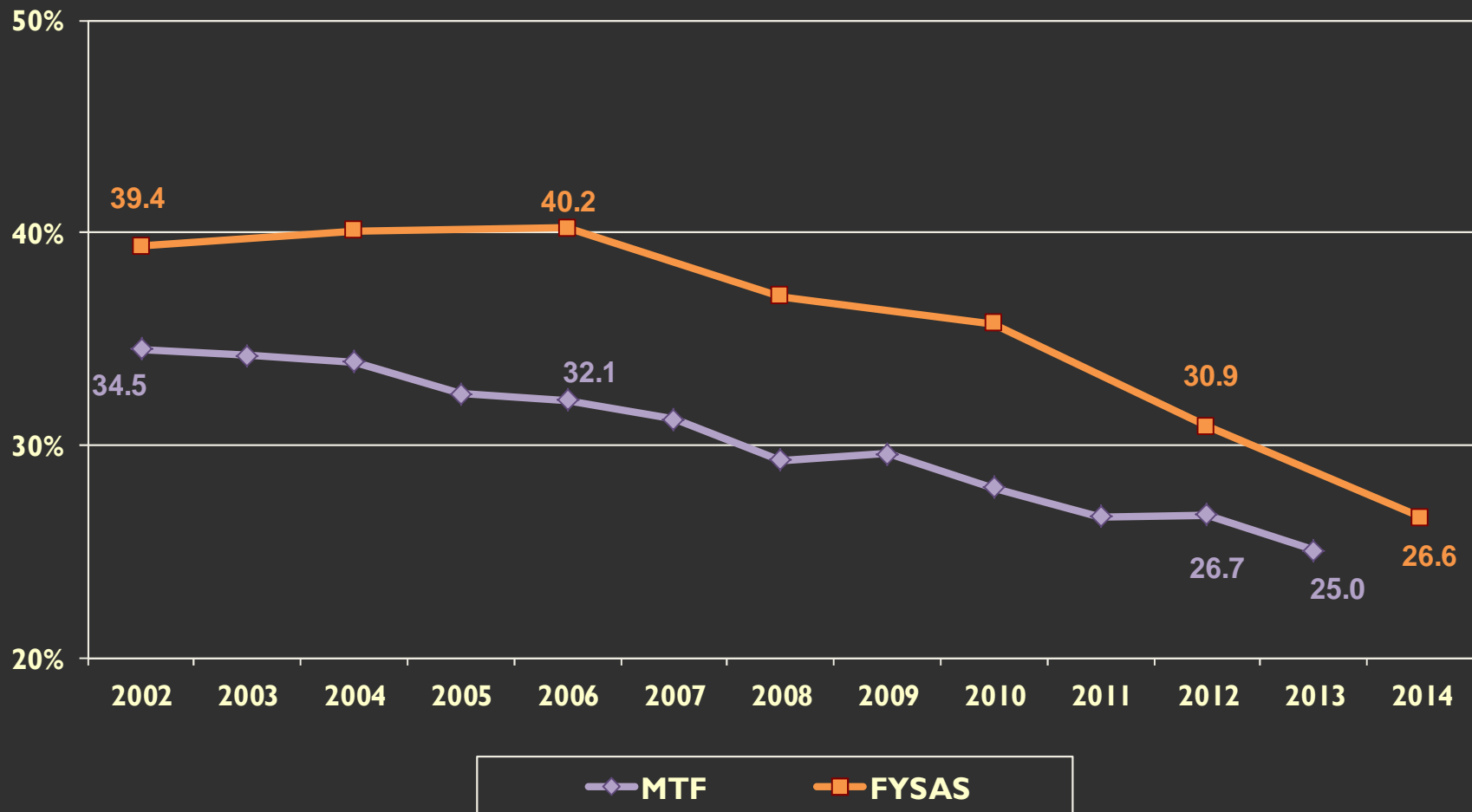
Alcohol

Past-30-Day Prevalence by Grade Cohort



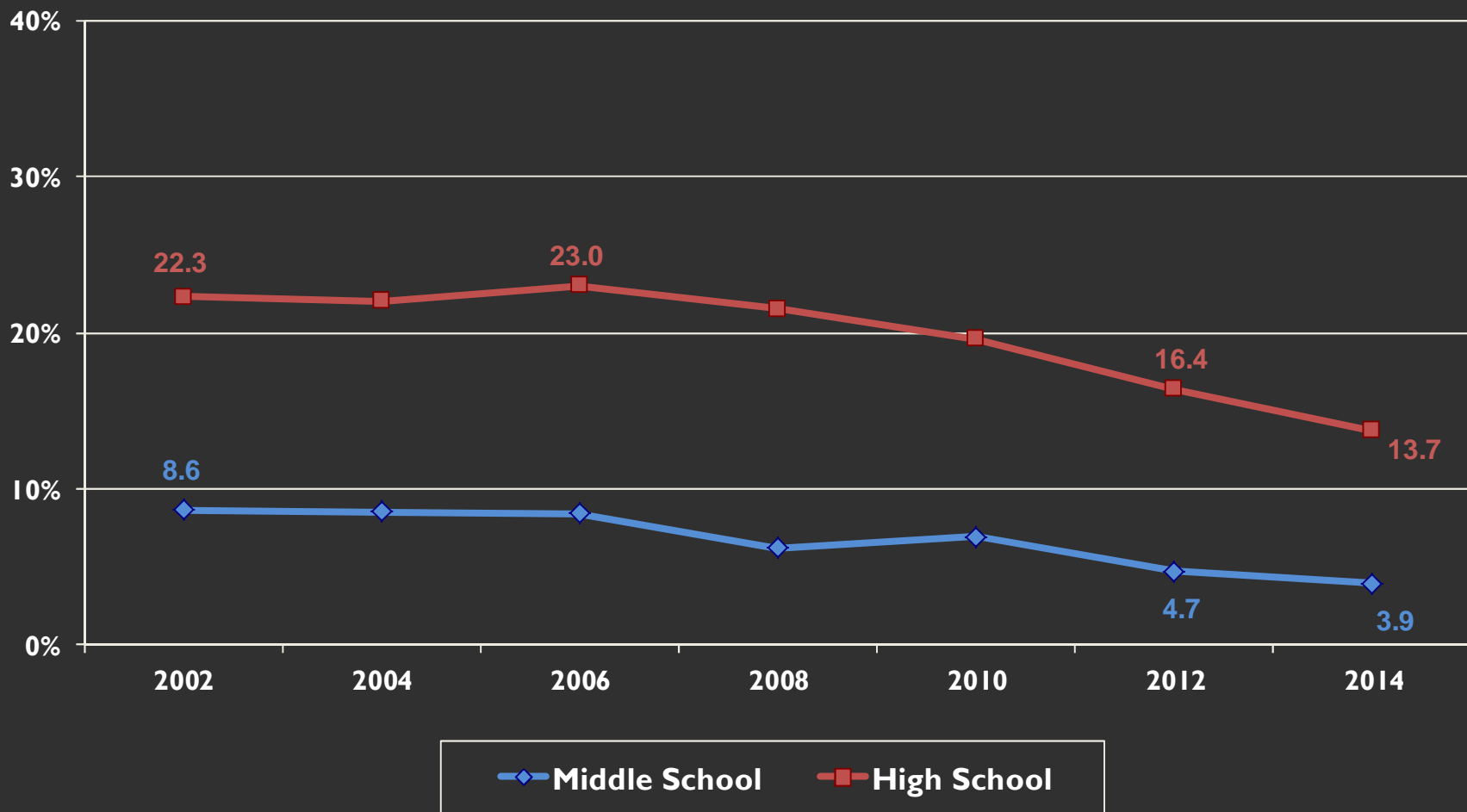
Alcohol

Past-30-Day Prevalence for 8th, 10th and 12th Graders



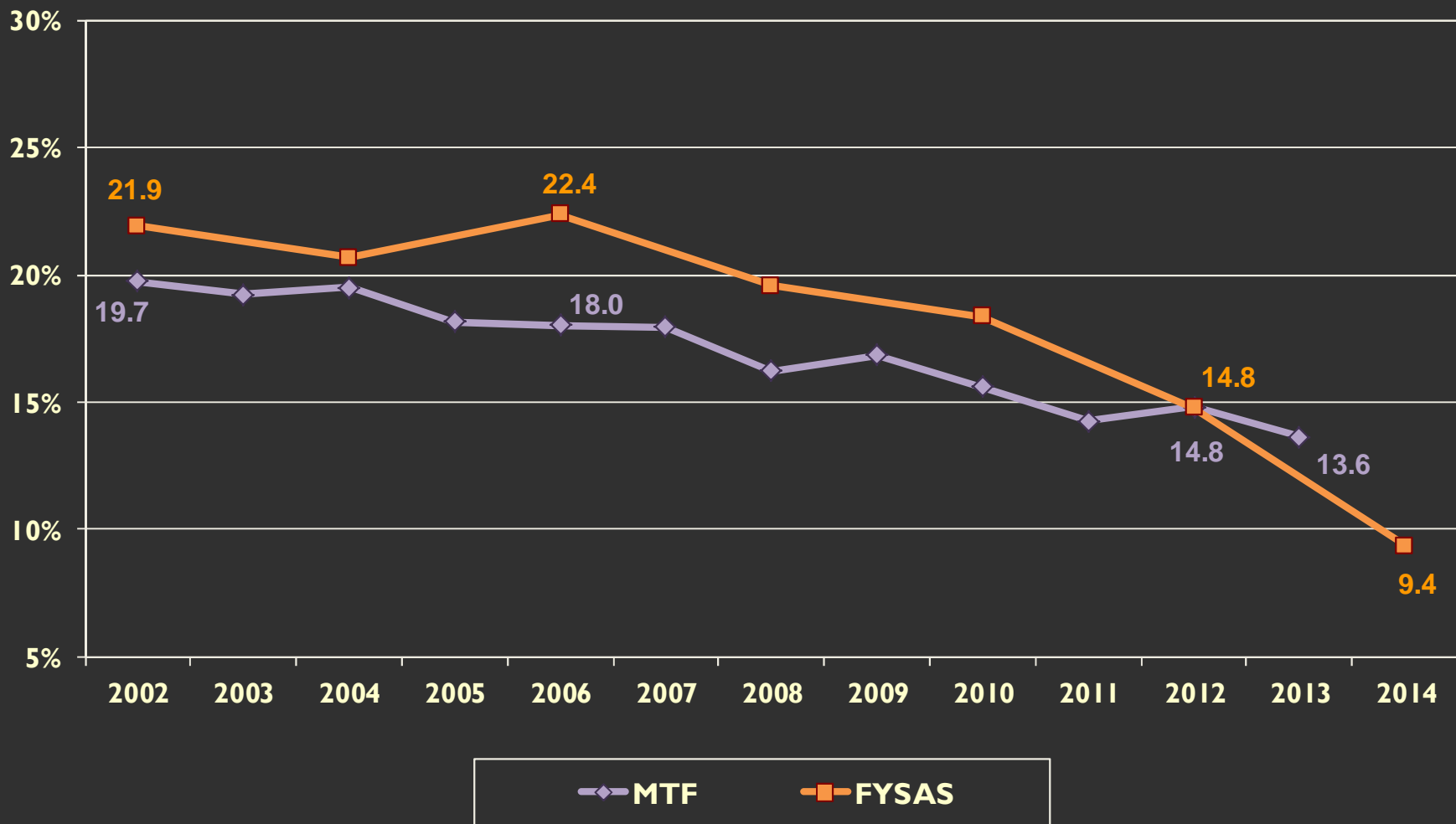
Binge Drinking

Prevalence by Grade Cohort



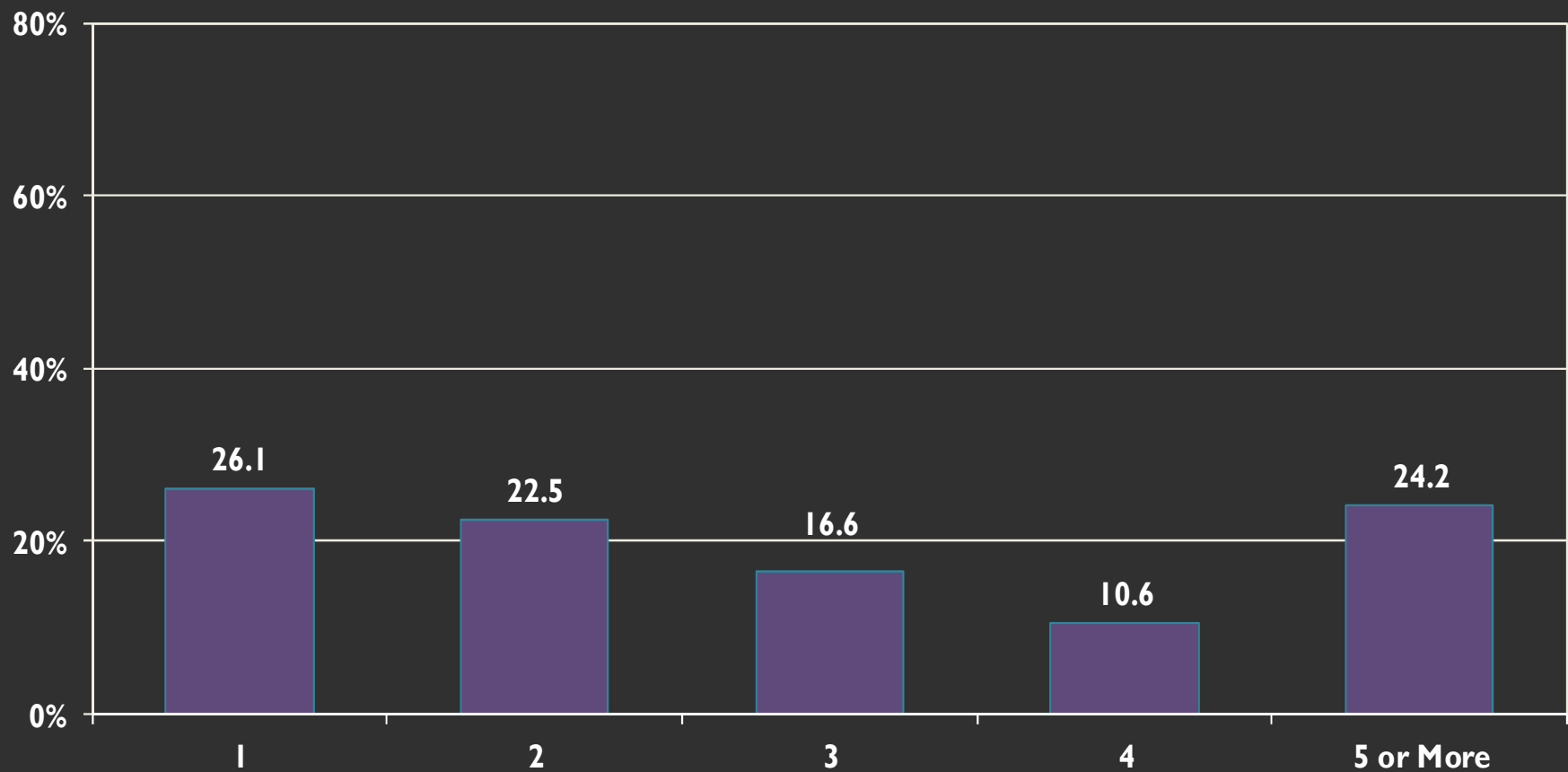
Binge Drinking

Prevalence for 8th, 10th and 12th Graders



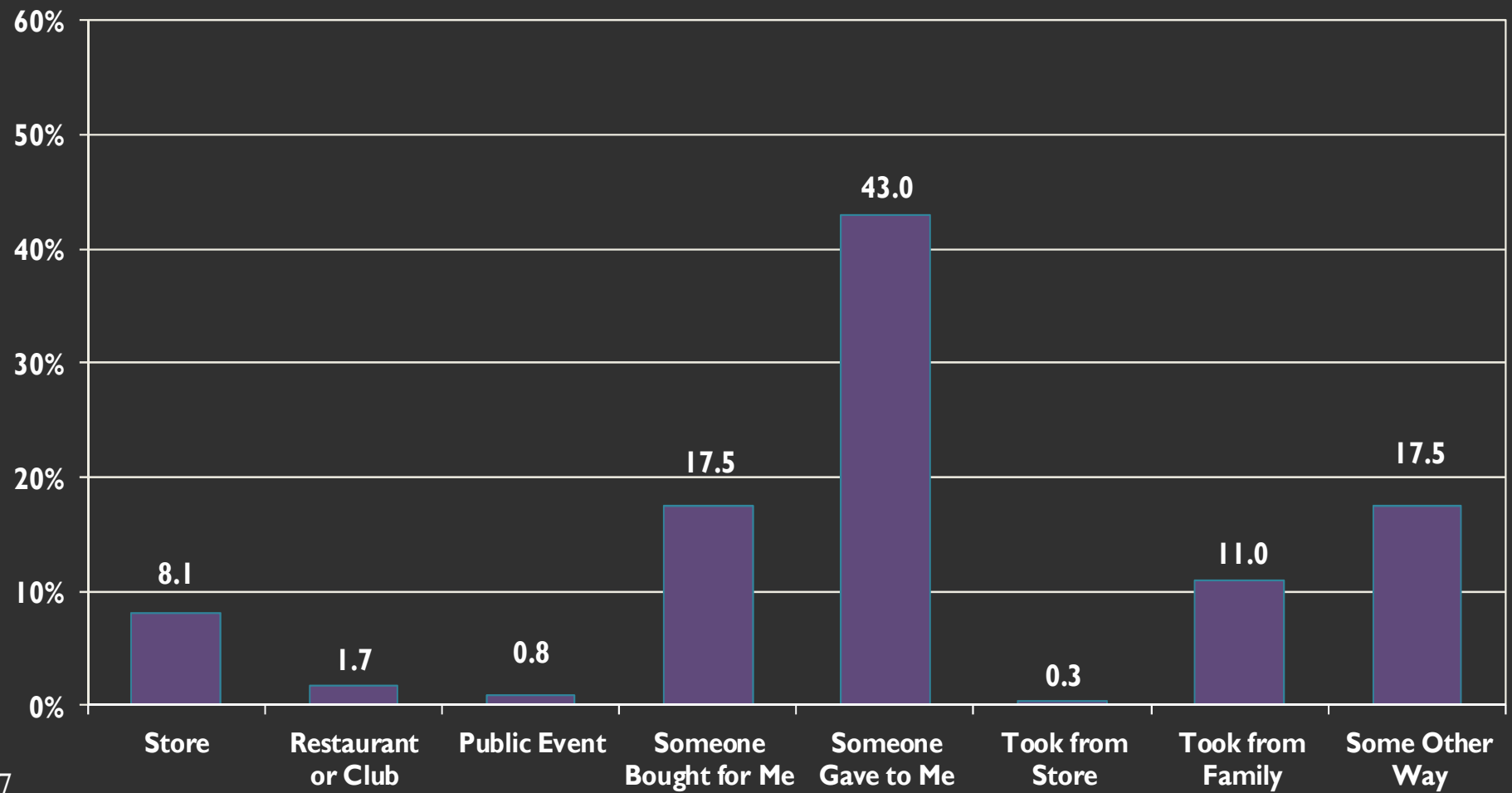
Drinks Consumed per Day (on days when drinking)

Among Florida High School Students Who Drink



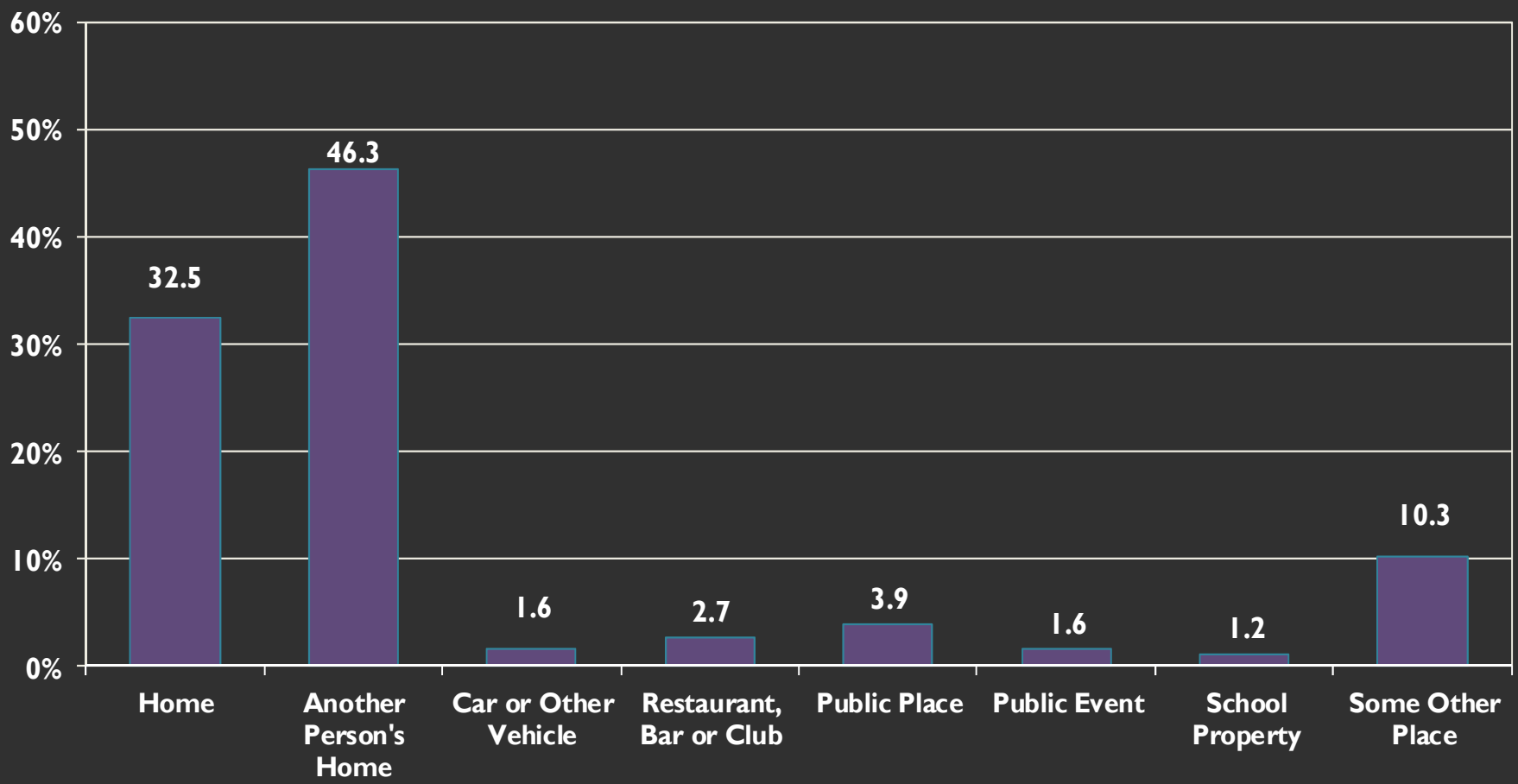
Source of Alcohol

Among Florida High School Students Who Drink



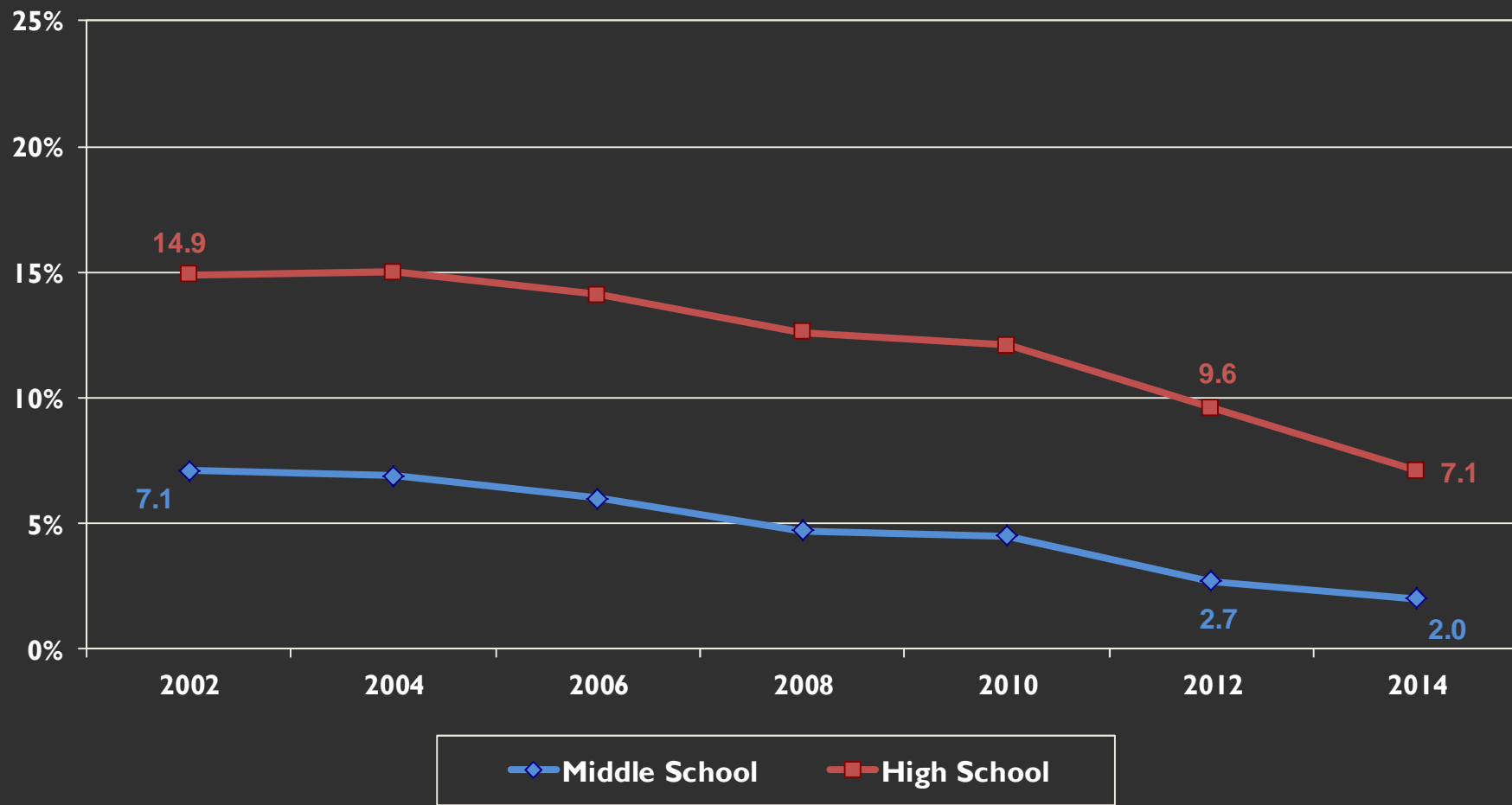
Drinking Locations

Among Florida High School Students Who Drink



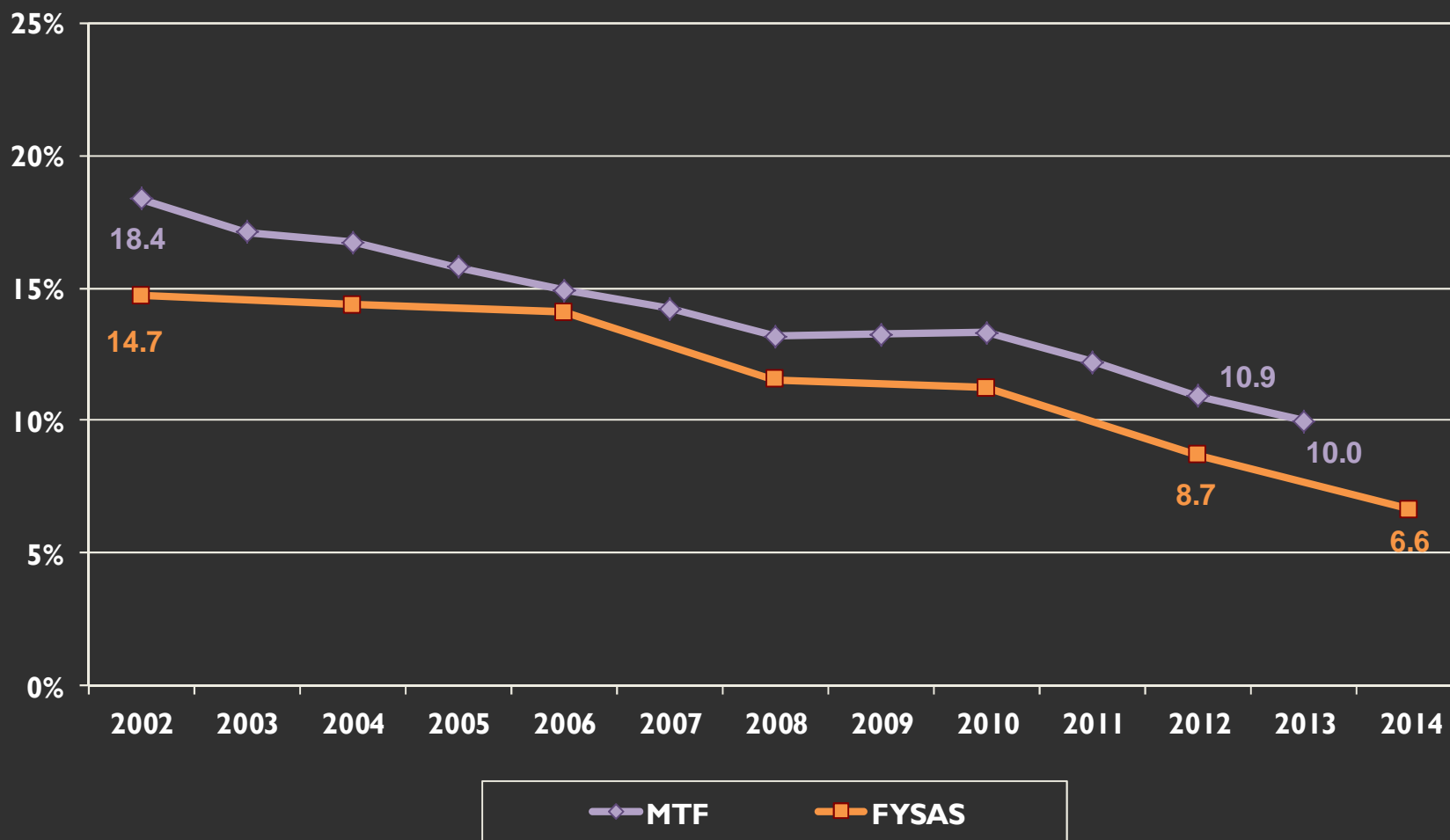
Cigarettes

Past-30-Day Prevalence by Grade Cohort



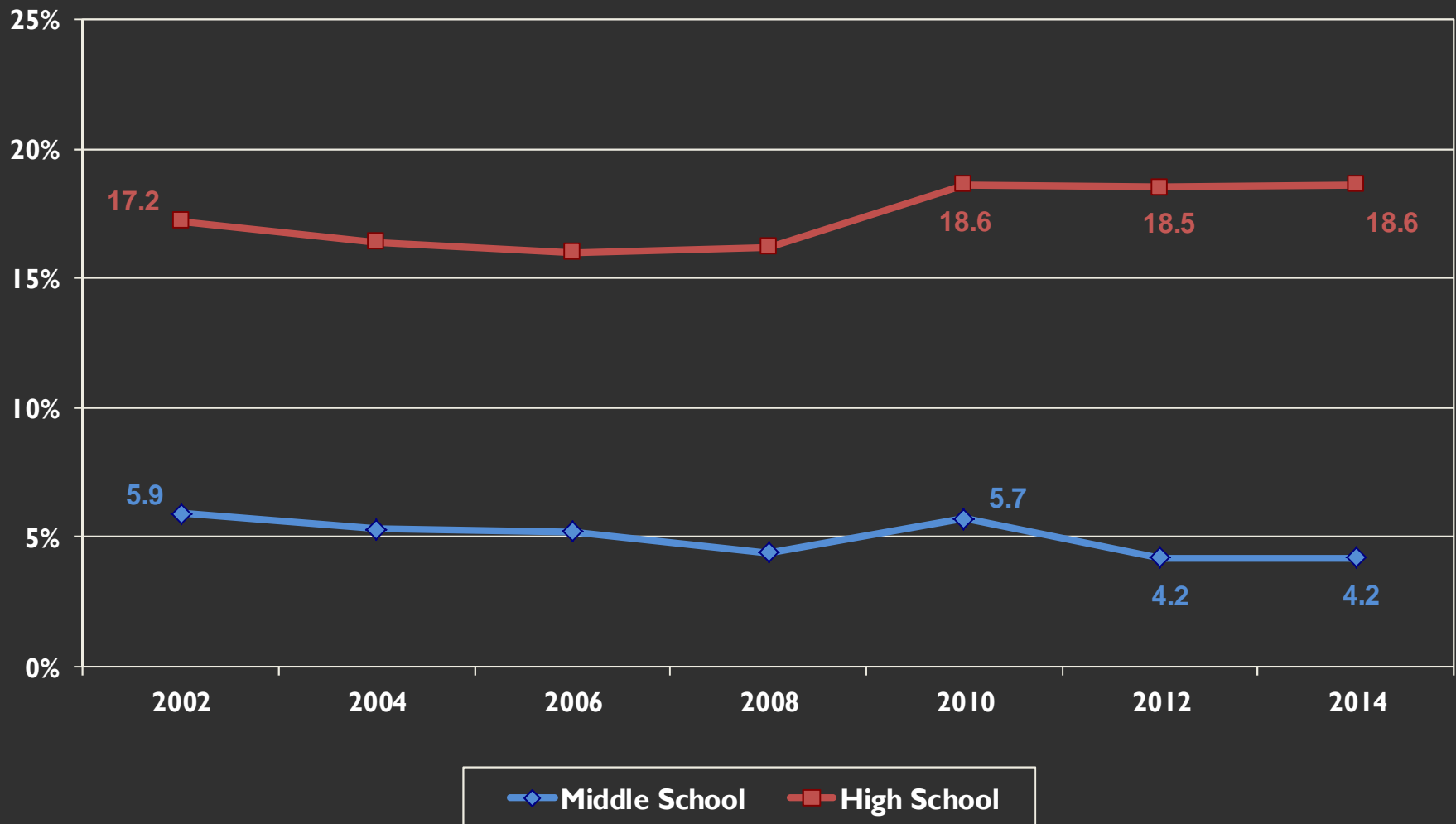
Cigarettes

Past-30-Day Prevalence for 8th, 10th and 12th Graders



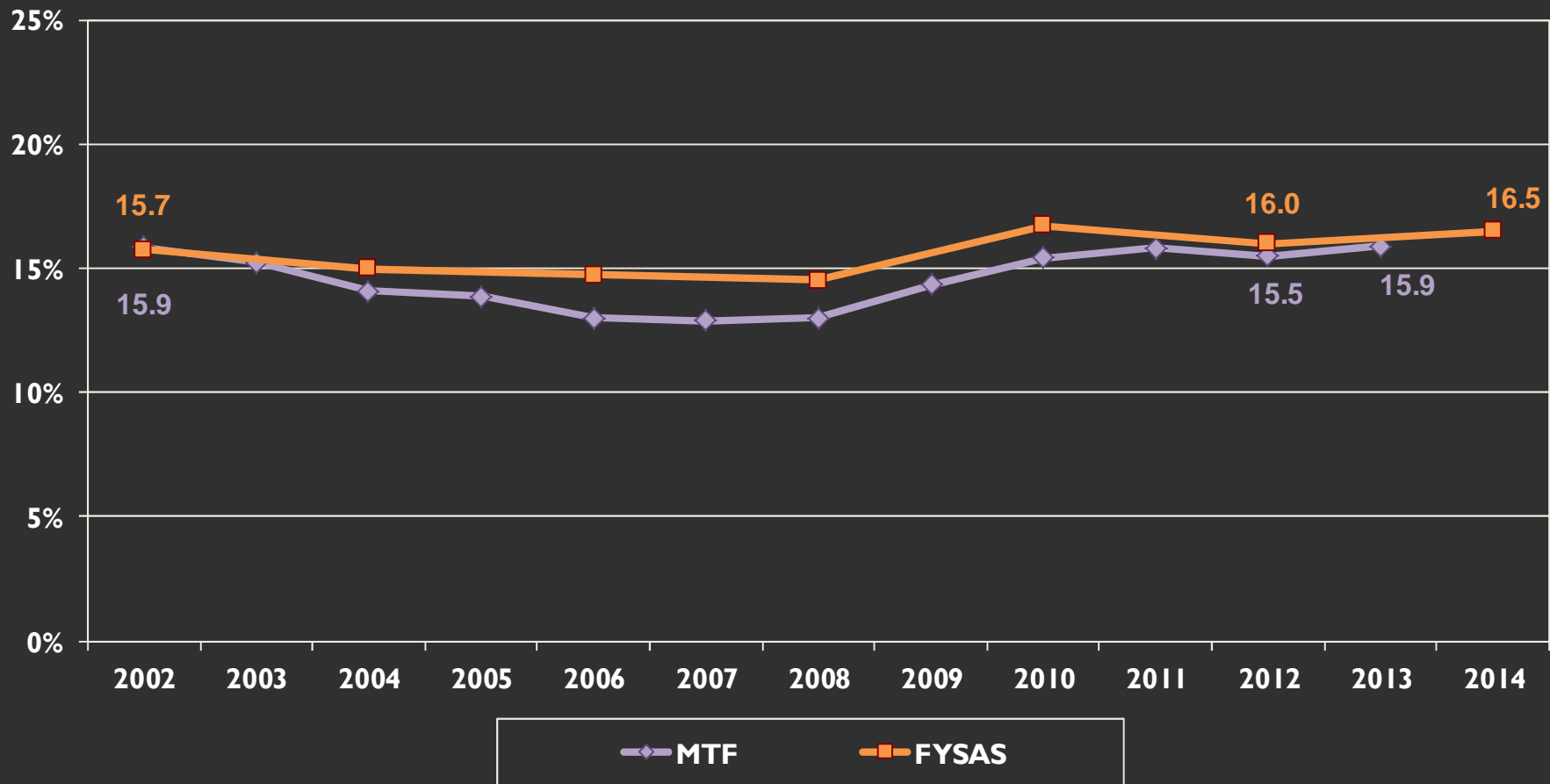
Marijuana

Past-30-Day Prevalence by Grade Cohort



Marijuana

Past-30-Day Prevalence for 8th, 10th and 12th Graders

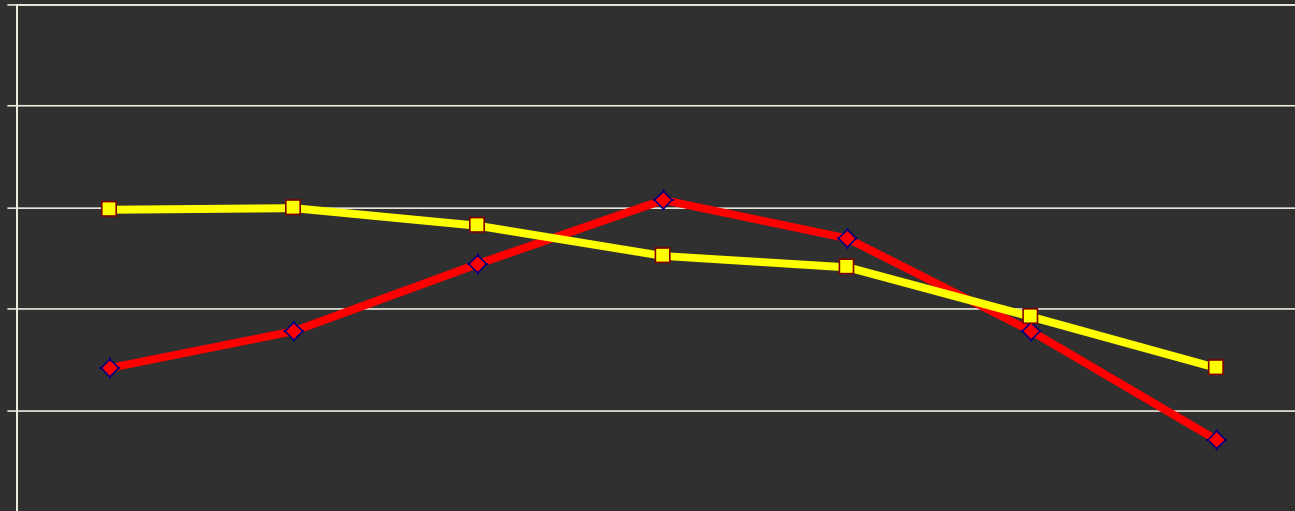


Survey Quality

How do you know your data are accurate and precise?

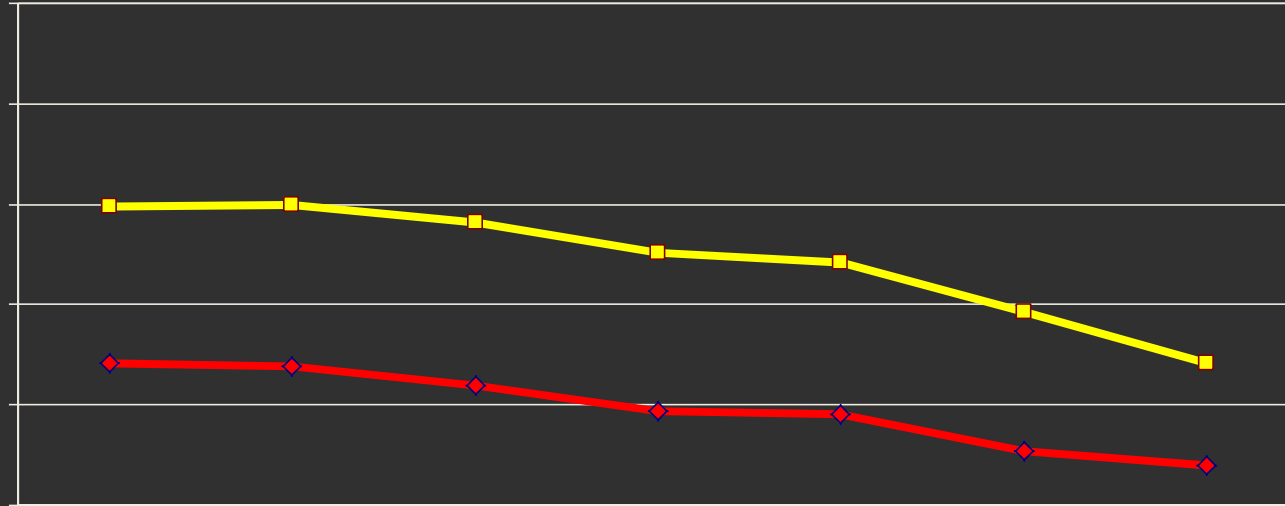
1. Supervise the survey team and review the methodology report
2. Check the data: look for extreme changes and illogical patterns
3. Compare results to an independent, external source

Trend Line Inconsistency



1. One (or both) of the surveys is methodologically inconsistent.
2. Both surveys are accurate, but each population has a different pattern of change.

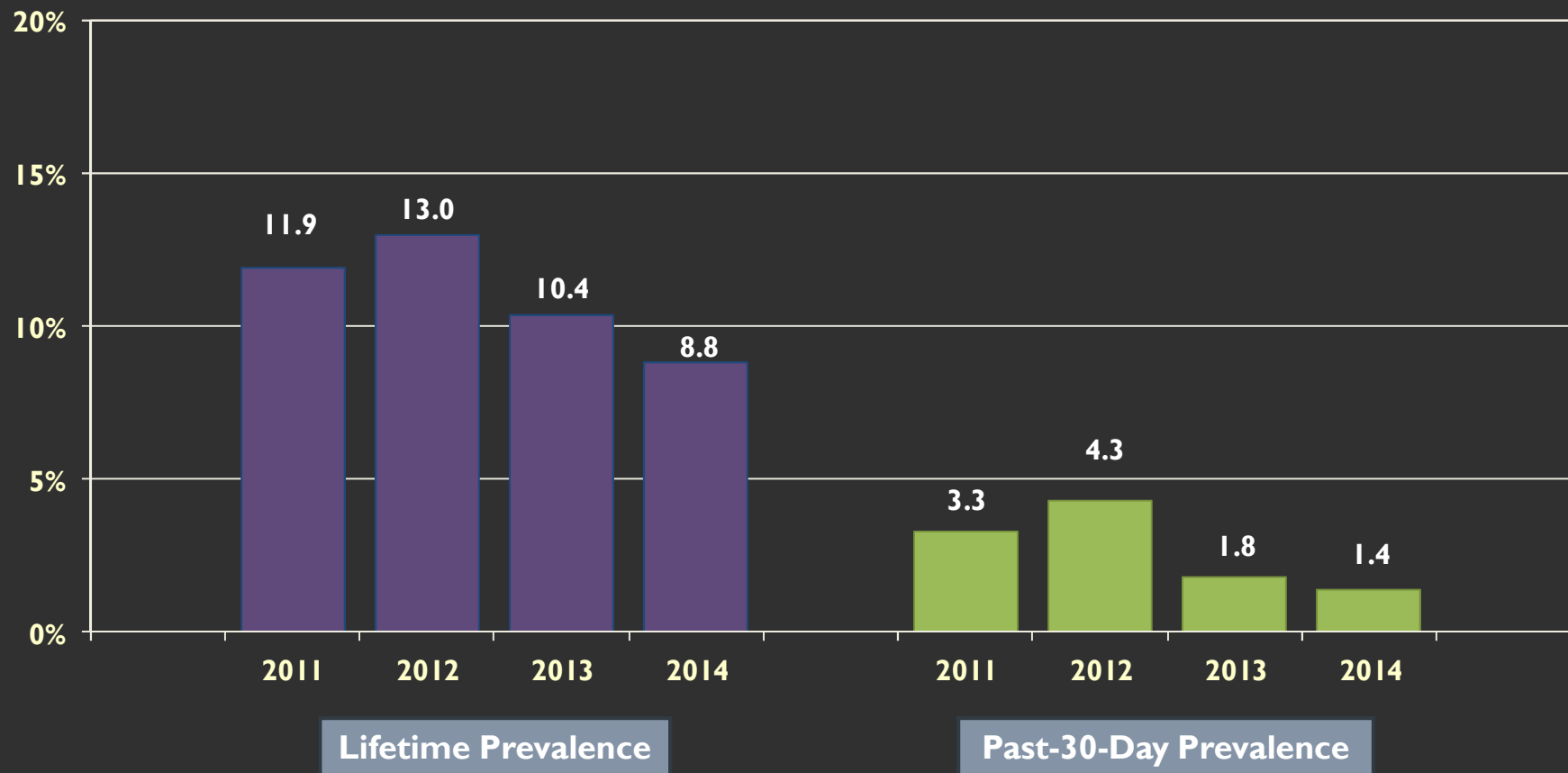
Trend Line Consistency



- When trend lines show the same pattern over an extended time period, it confirms the methodological consistency of both surveys.

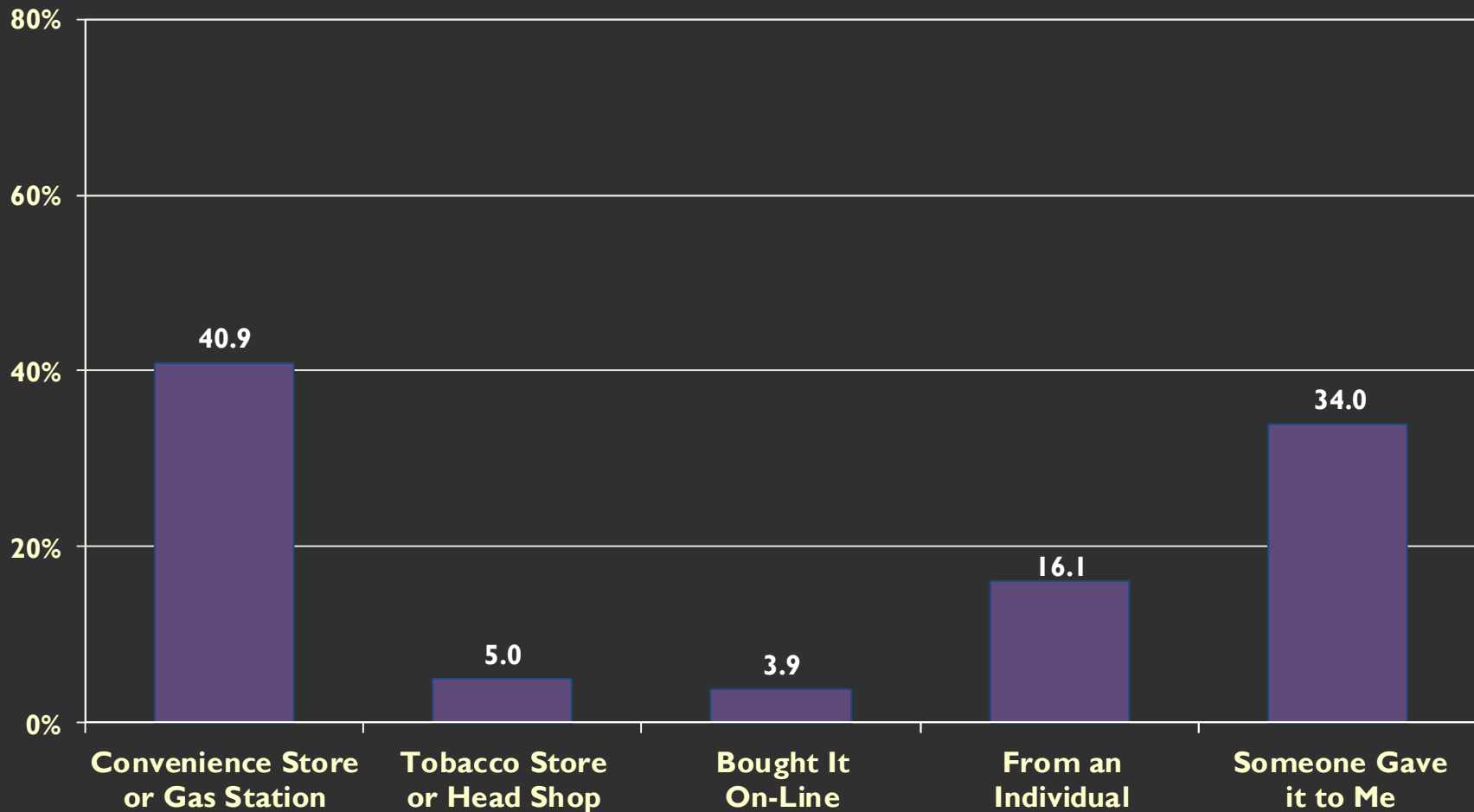
Synthetic Marijuana

Lifetime and Past-30-Day Prevalence among High School Students



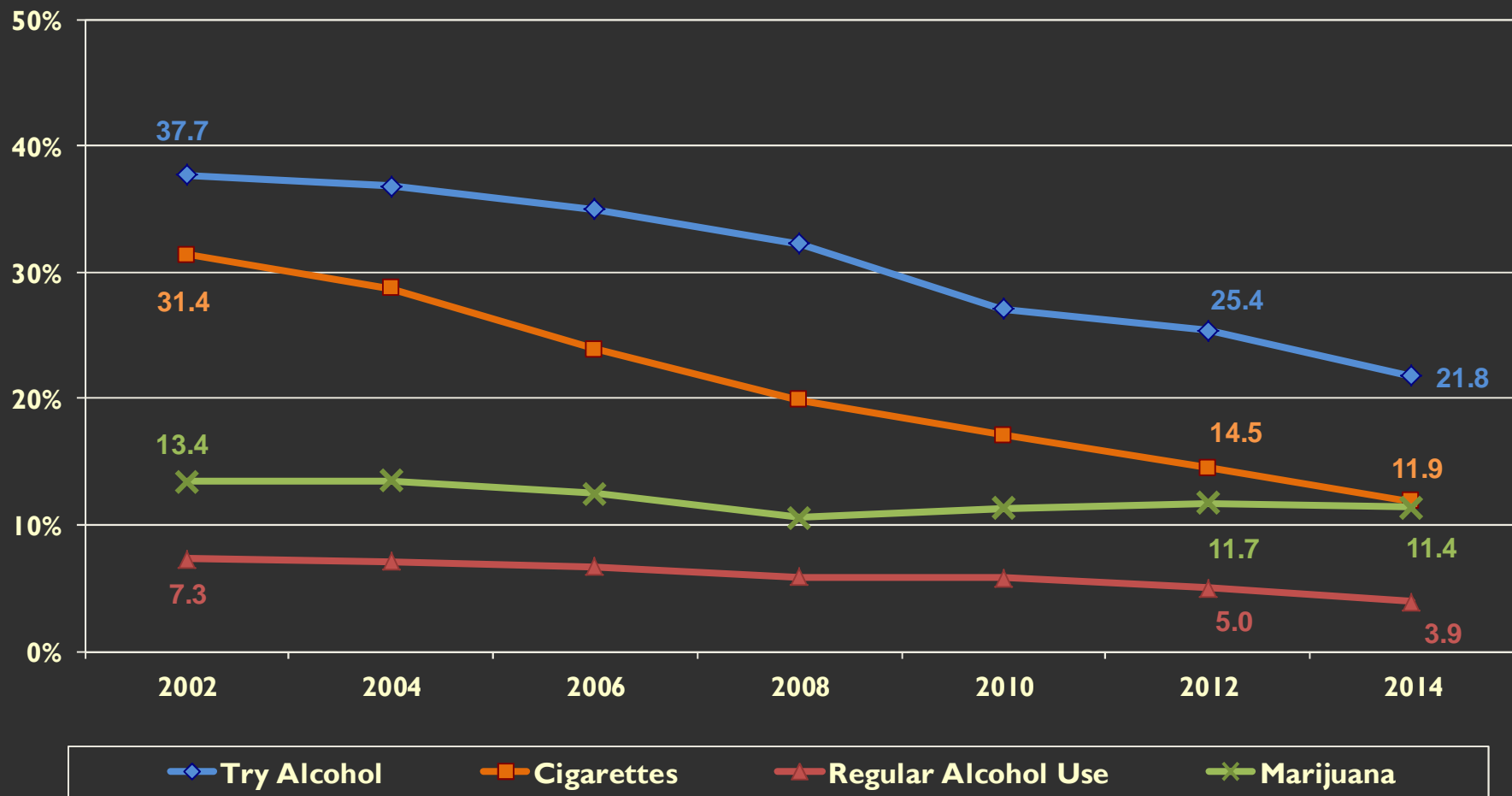
Synthetic Marijuana

Where did you get it?



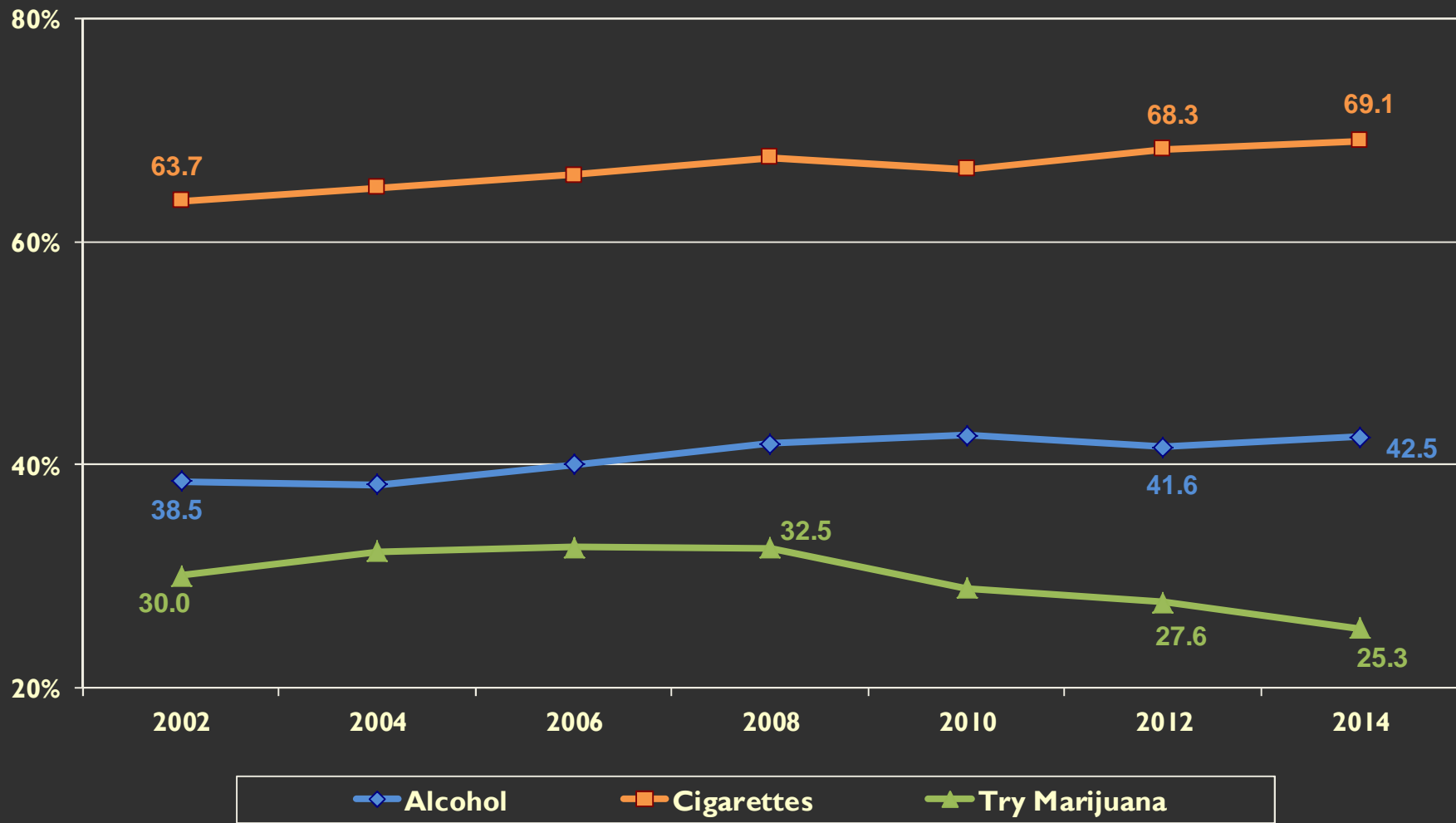
Early ATOD Use

Initiation by Age 13—High School



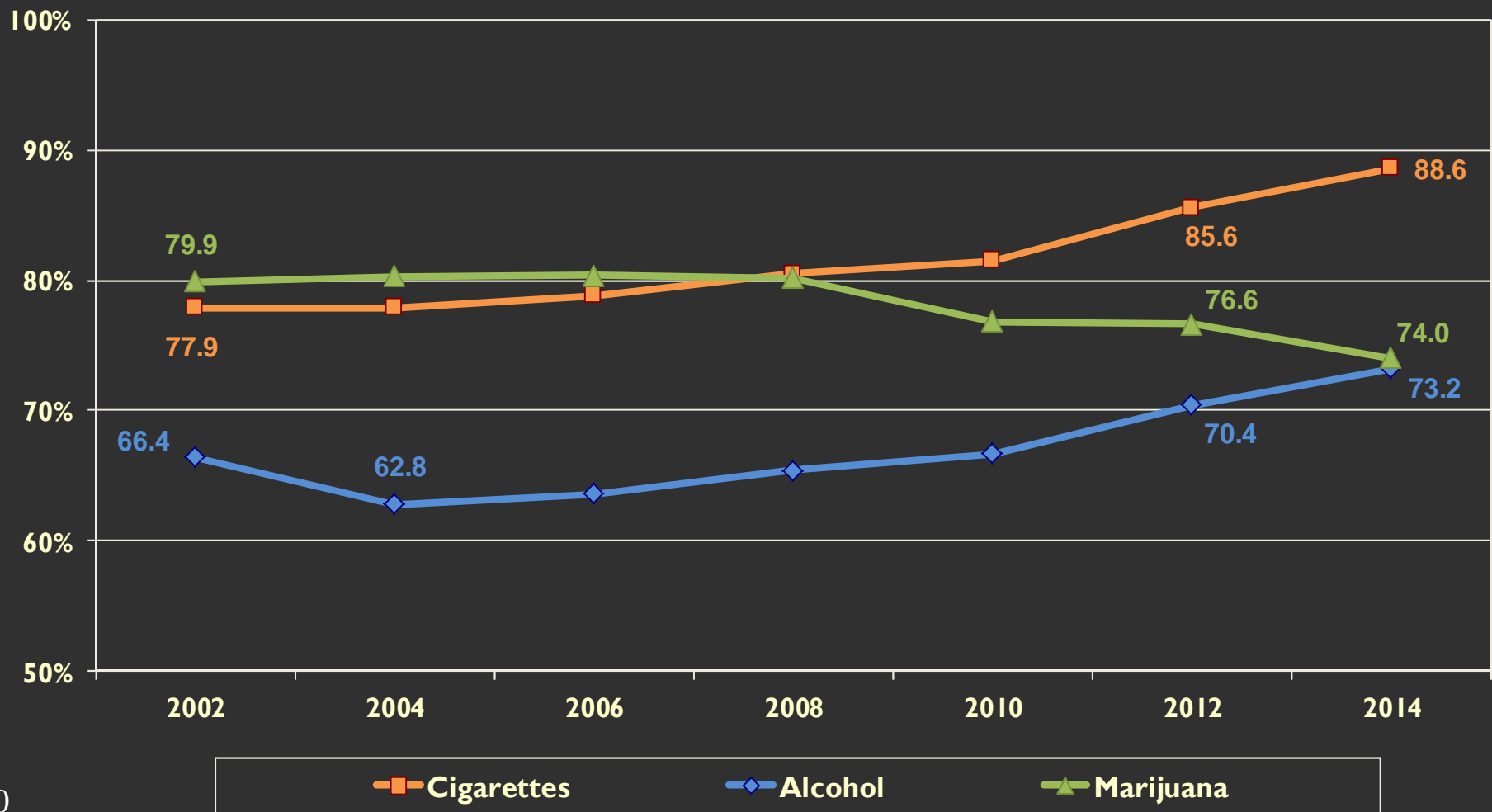
Risk of Harm

Percentage Reporting "Great Risk"



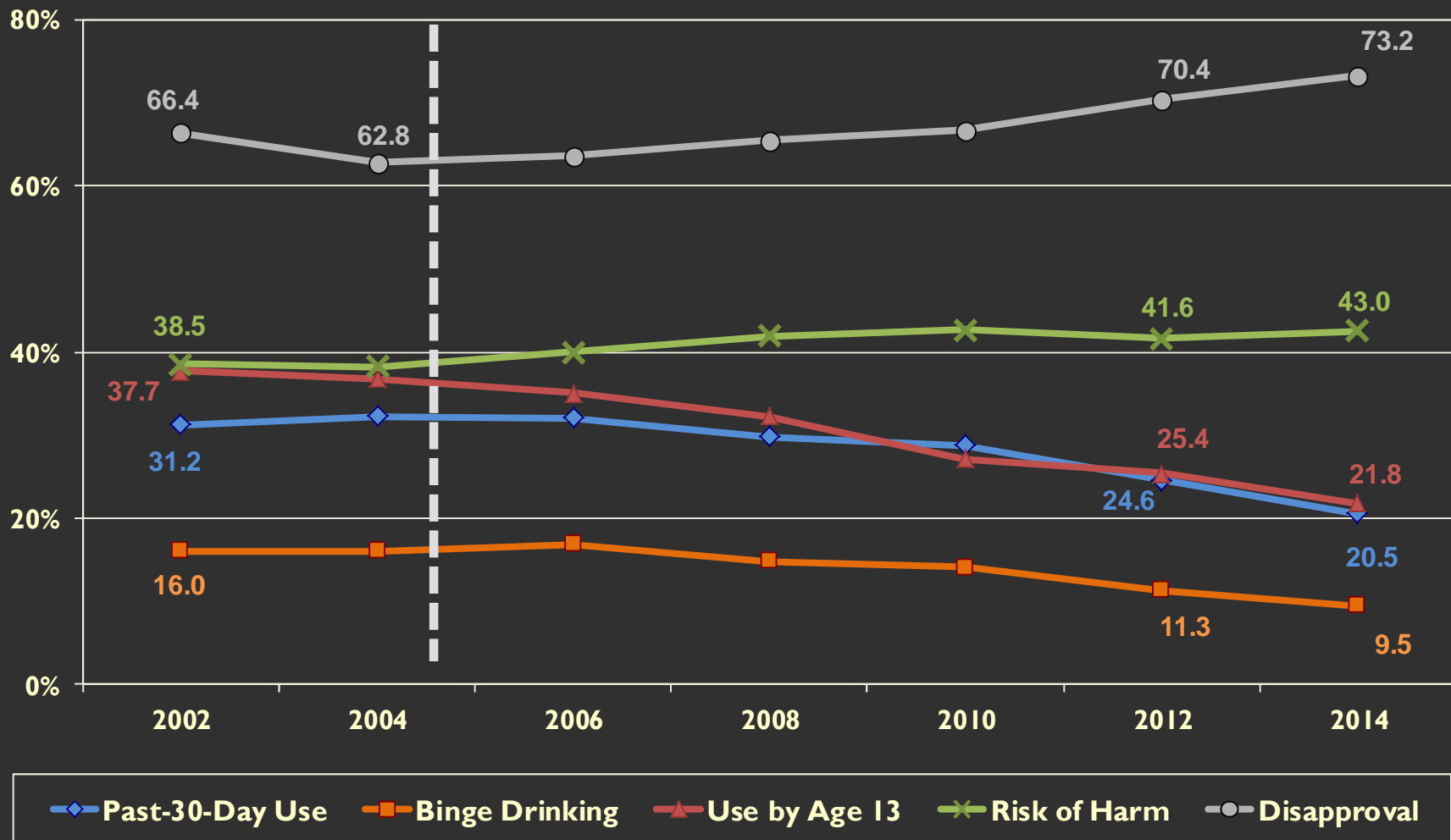
Disapproval of ATOD Use

“Wrong” or “Very Wrong”



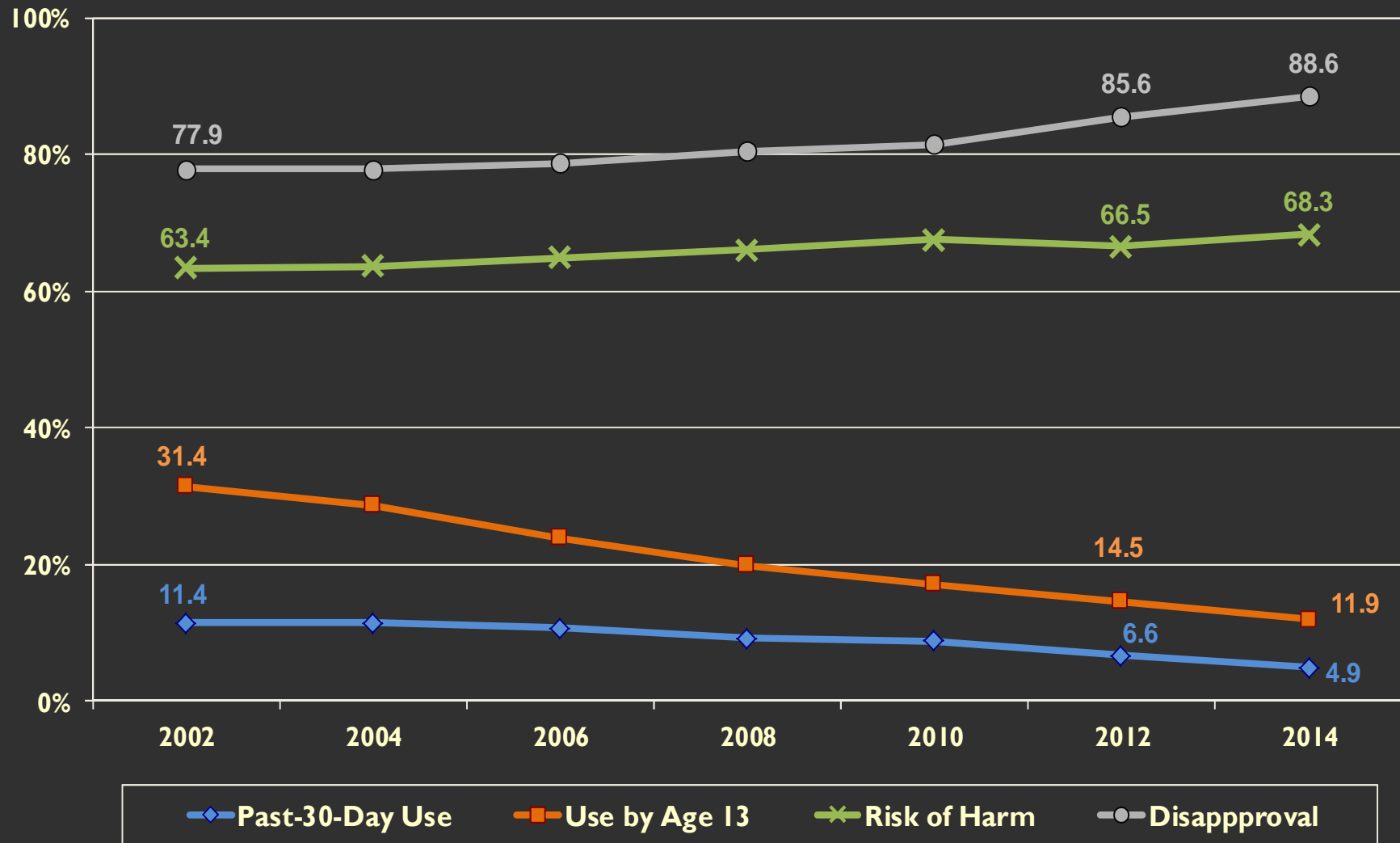
Alcohol Trends

Summary



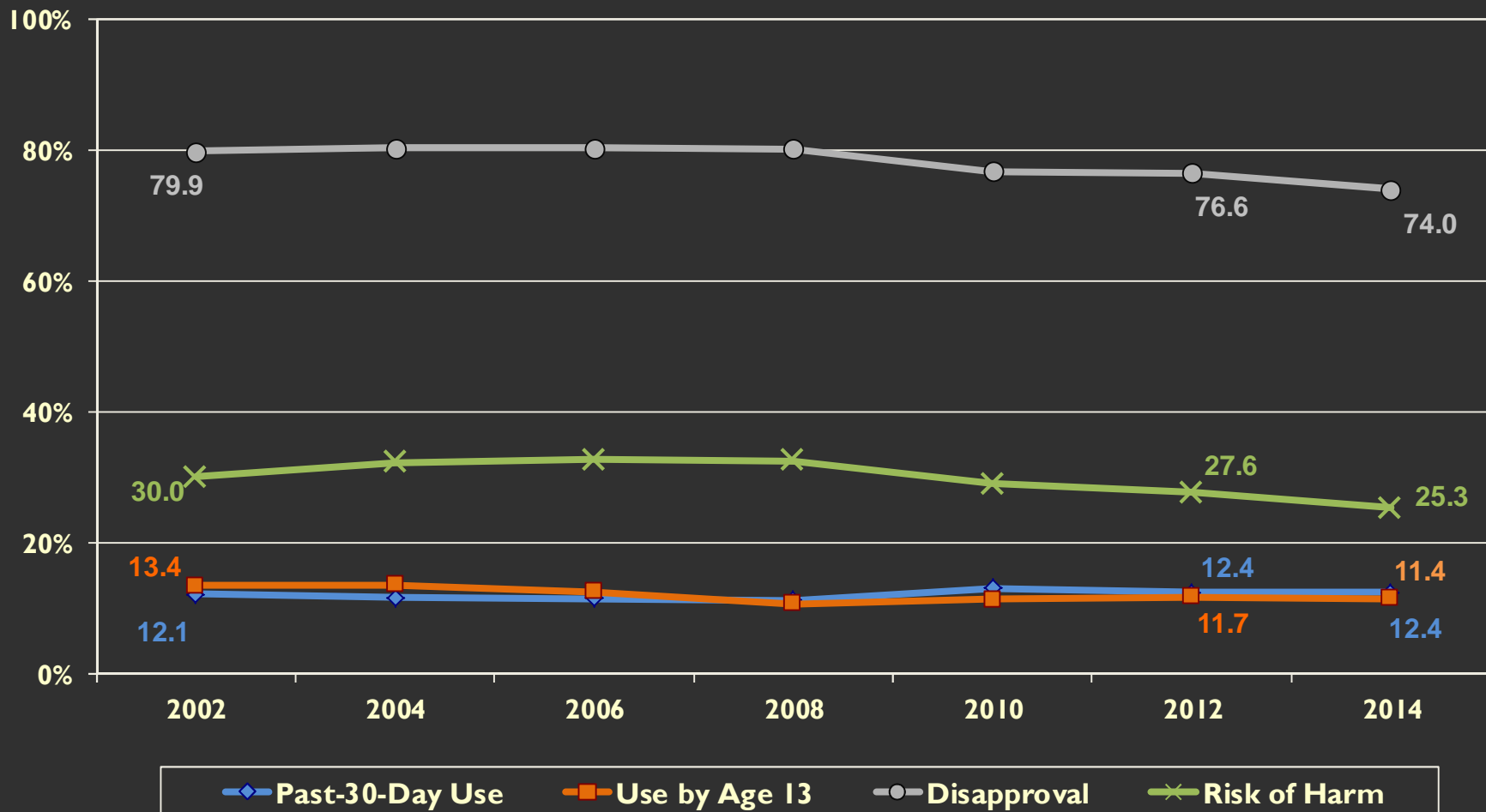
Cigarette Trends

Summary



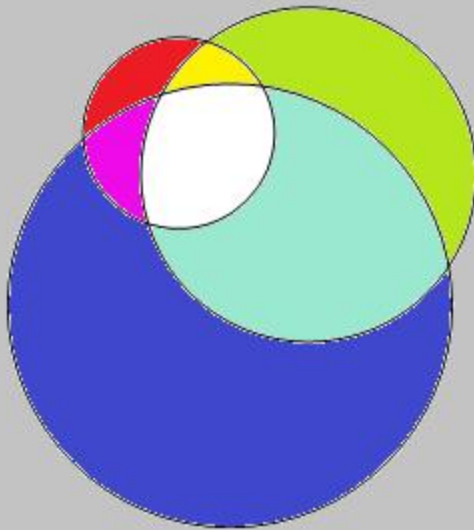
Marijuana Trends

Summary



Co-Occurrence of Alcohol, Cigarette, and Marijuana Use

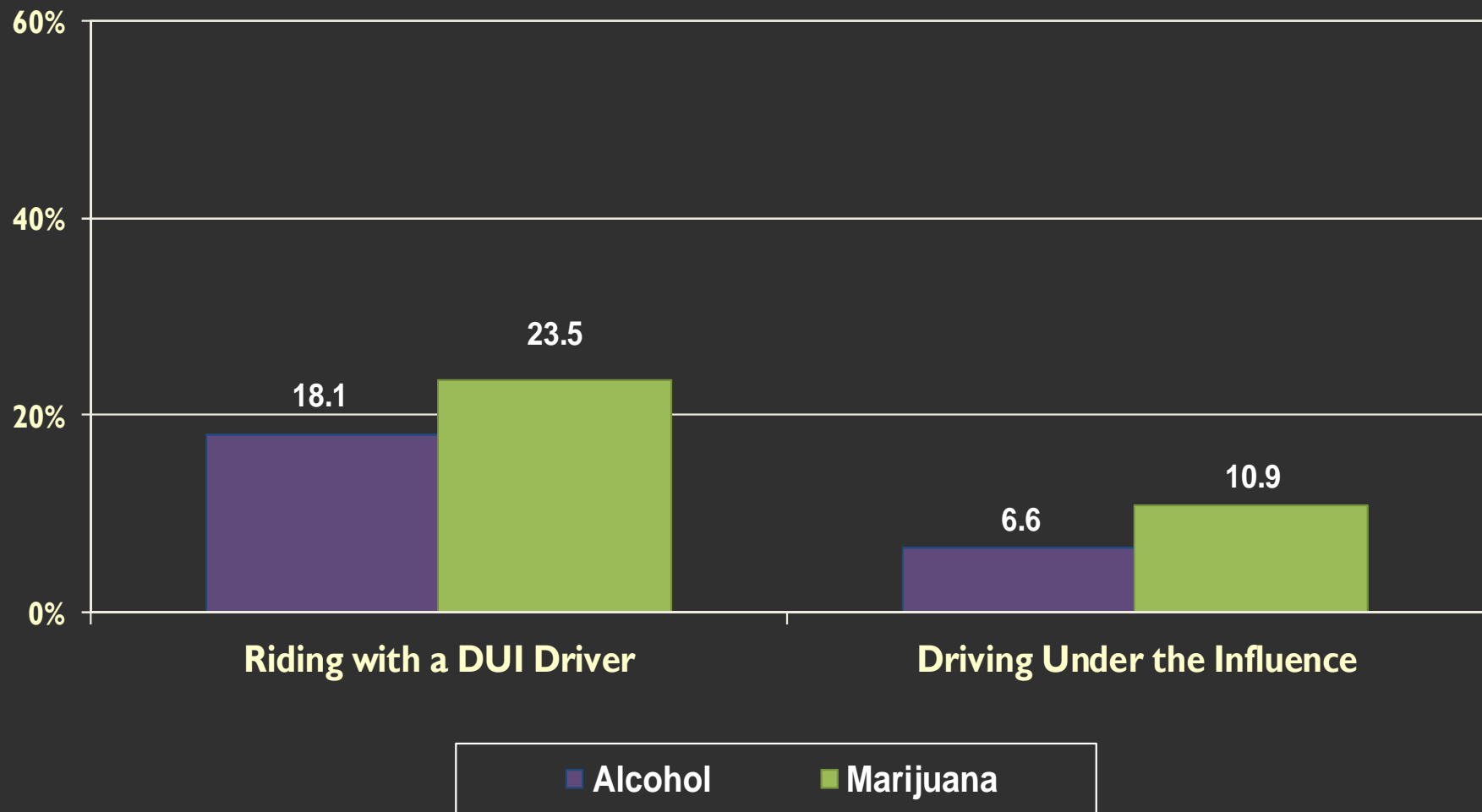
Past-30-Day Prevalence



| | |
|--------------------------|------|
| No Use | 74.6 |
| Alcohol Only | 11.2 |
| Cigarettes Only | 0.8 |
| Marijuana Only | 3.6 |
| Alcohol and Cigarettes | 1.0 |
| Alcohol and Marijuana | 5.7 |
| Cigarettes and Marijuana | 0.5 |
| All Three | 2.6 |

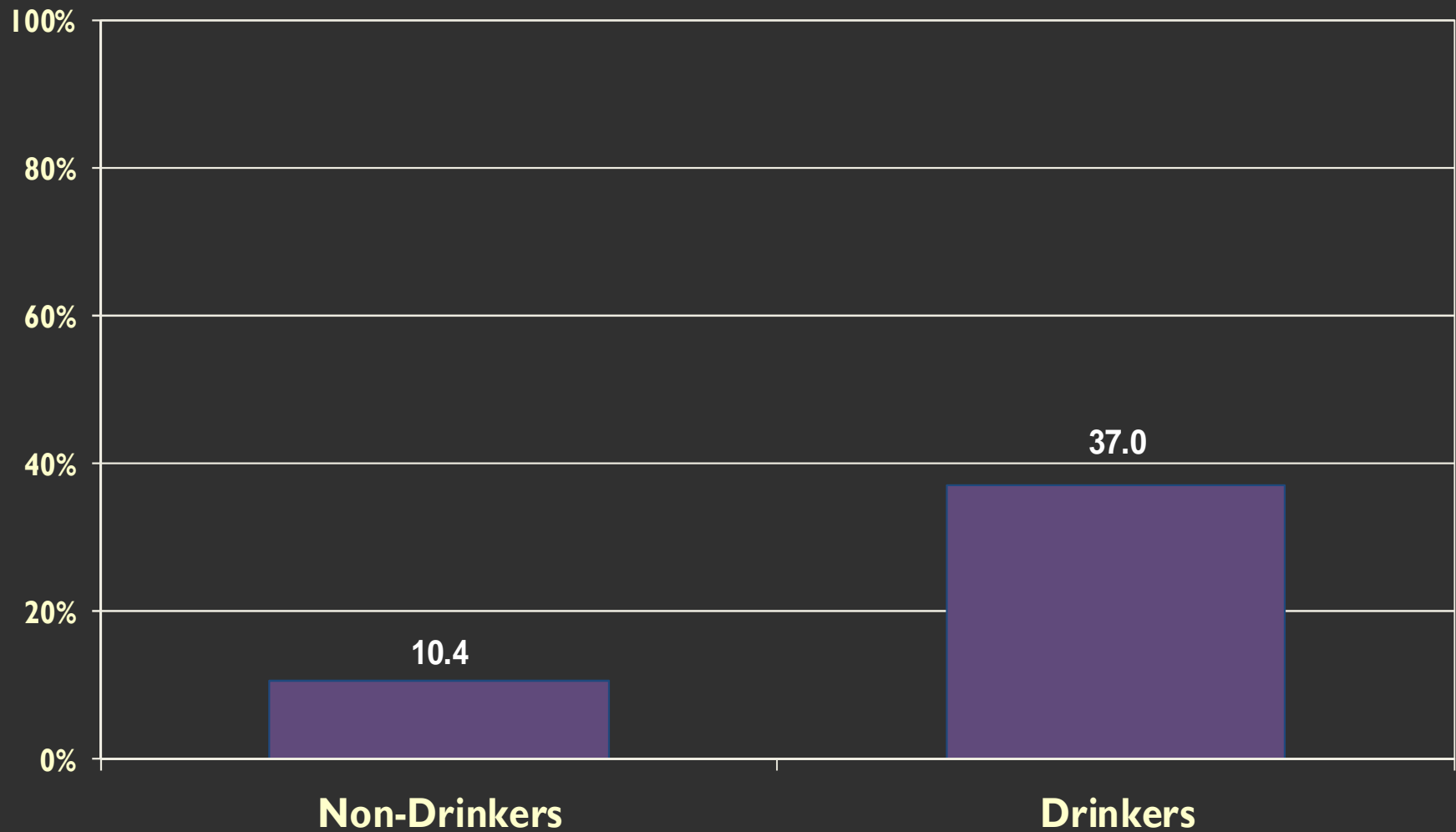
ATODs and Driving

Past-30-Day Prevalence Among High School Students



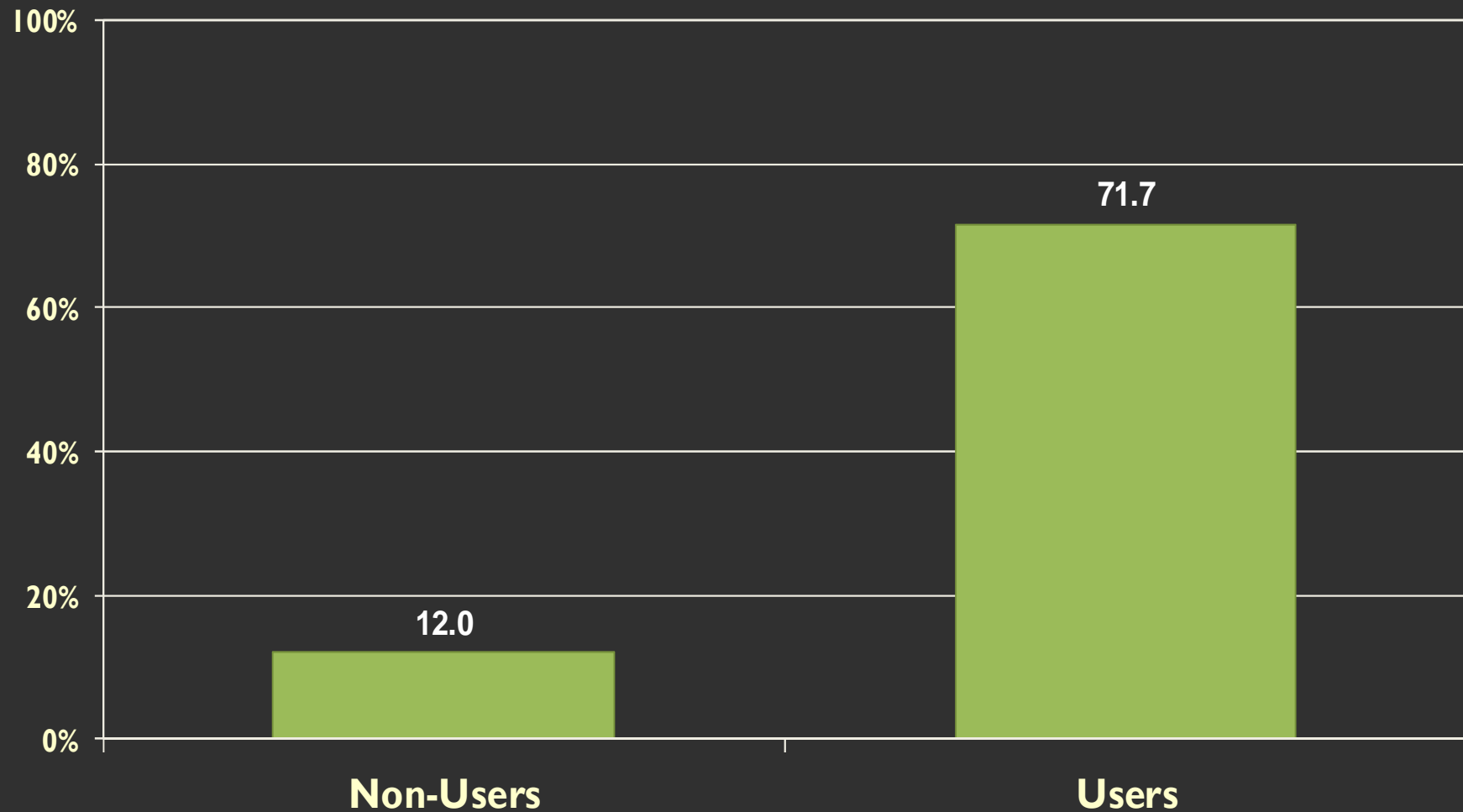
Riding with a Drinking Driver

Past-30-Day Prevalence Among Non-Drinkers and Drinkers



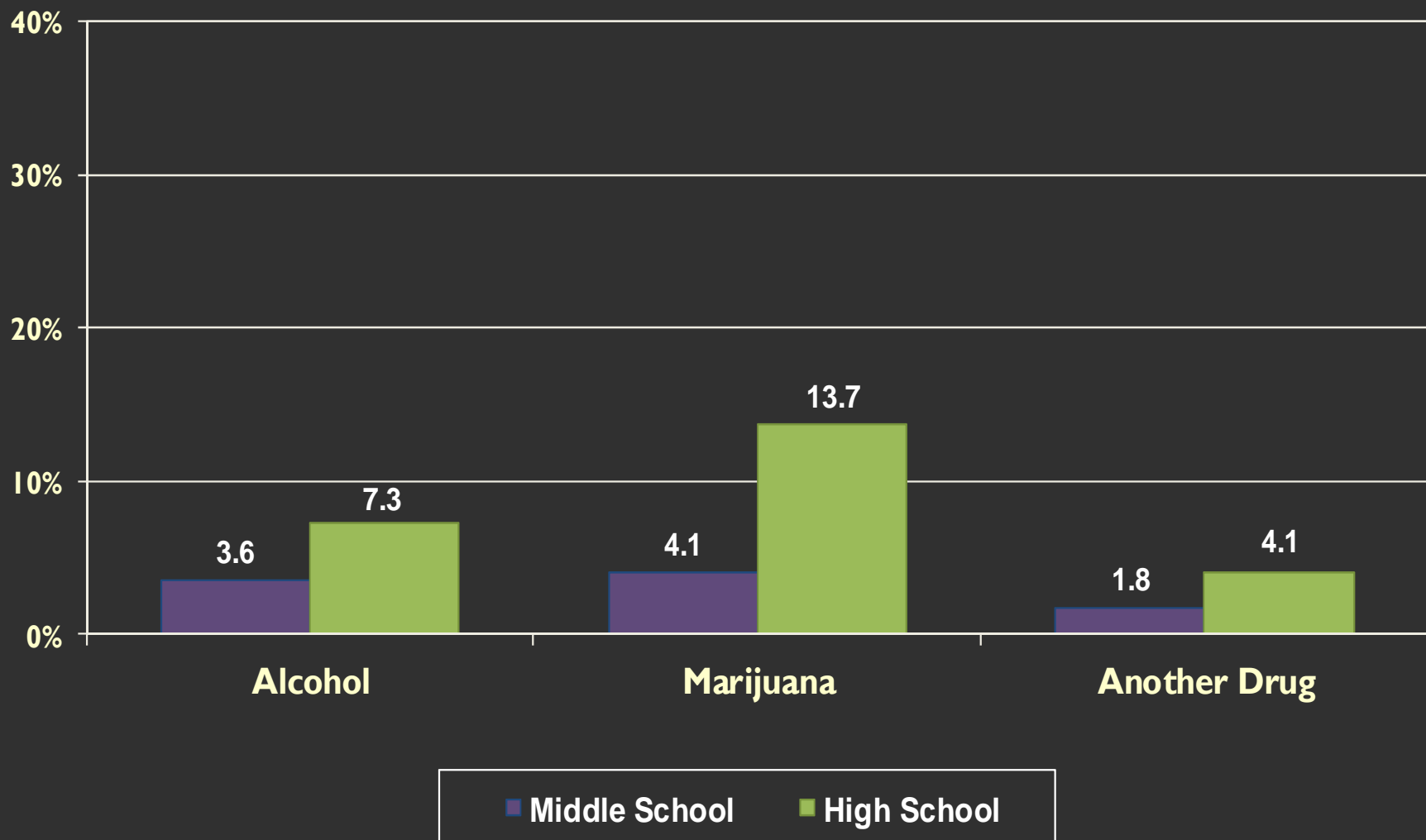
Riding with a Marijuana-Using Driver

Past-30-Day Prevalence Among Non-Users and Users



ATOD Use Before or During School

Past-12-Month Prevalence

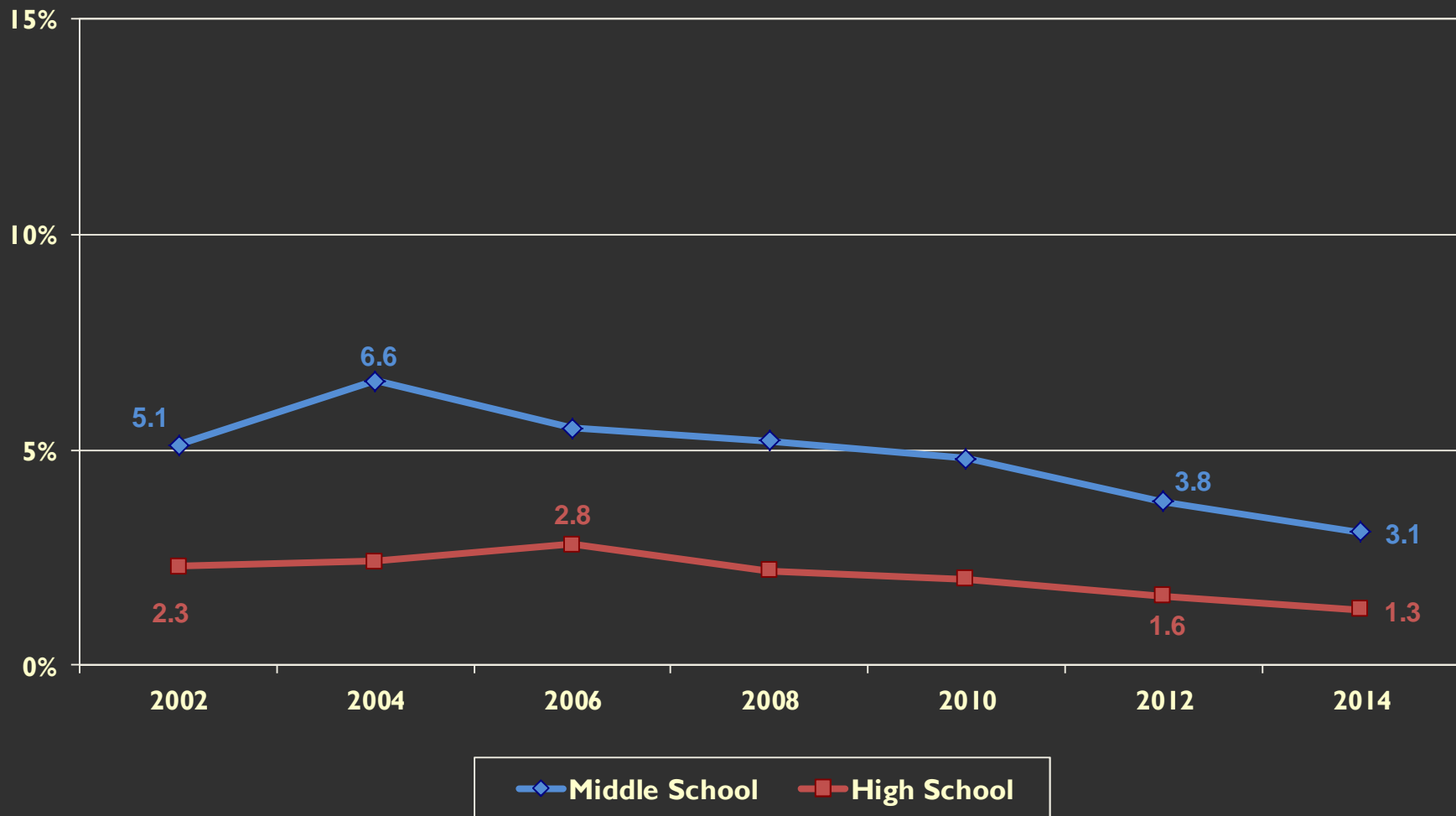


Other Illicit, Prescription, and Over-the-Counter Drugs

2002-2014 Trends

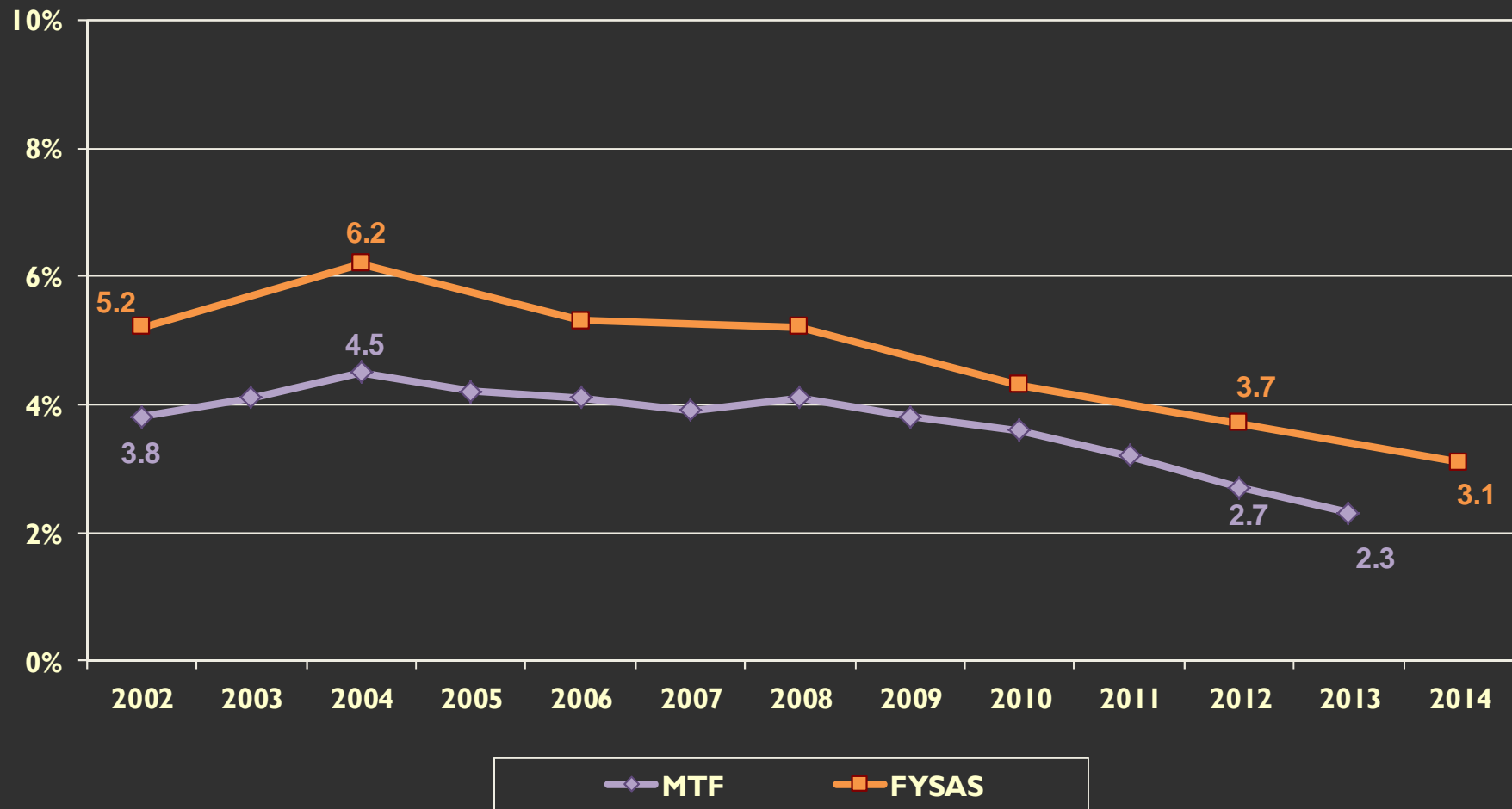
Inhalants

Past-30-Day Prevalence by Grade Cohort



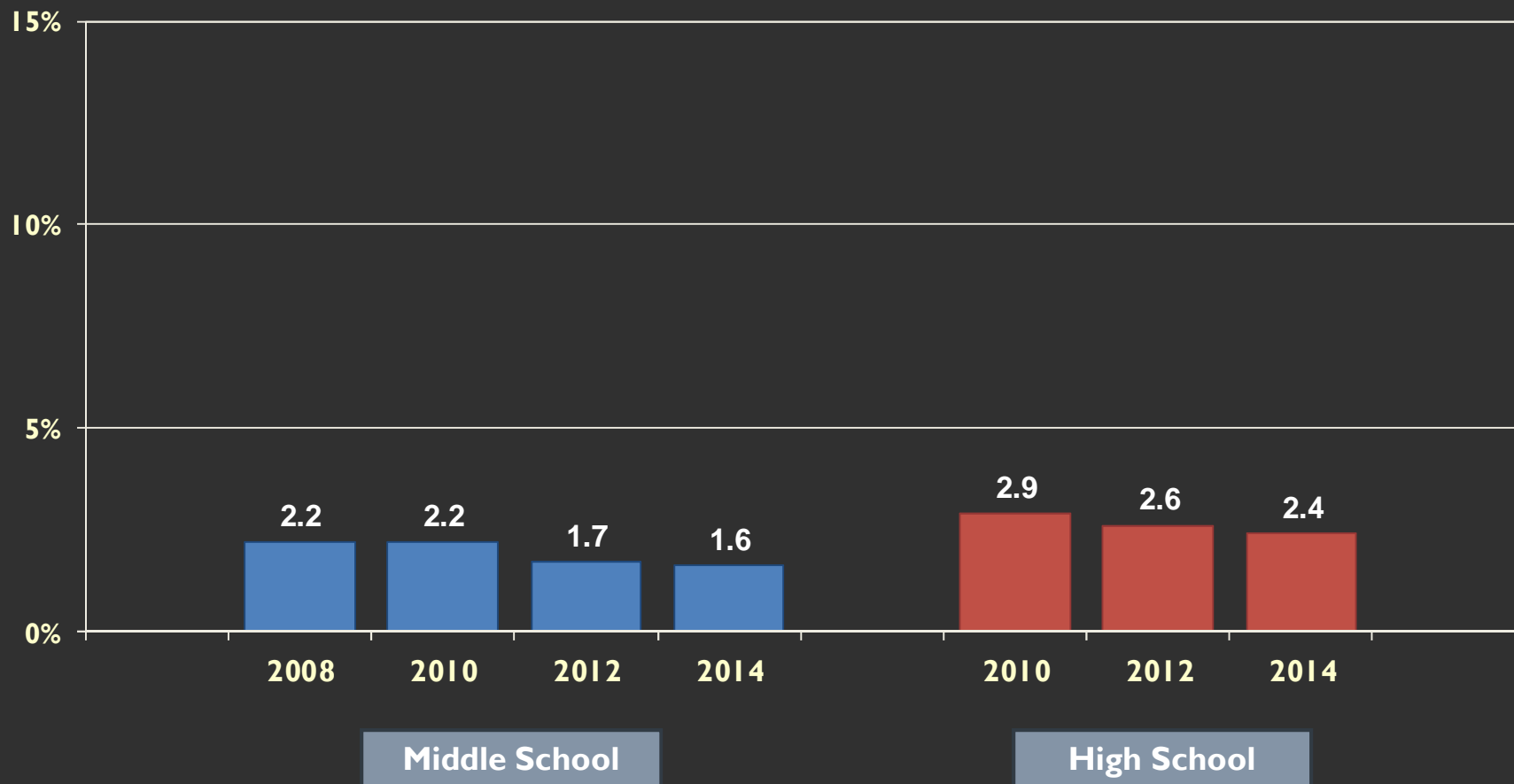
Inhalants

Past-30-Day Prevalence for 8th Graders



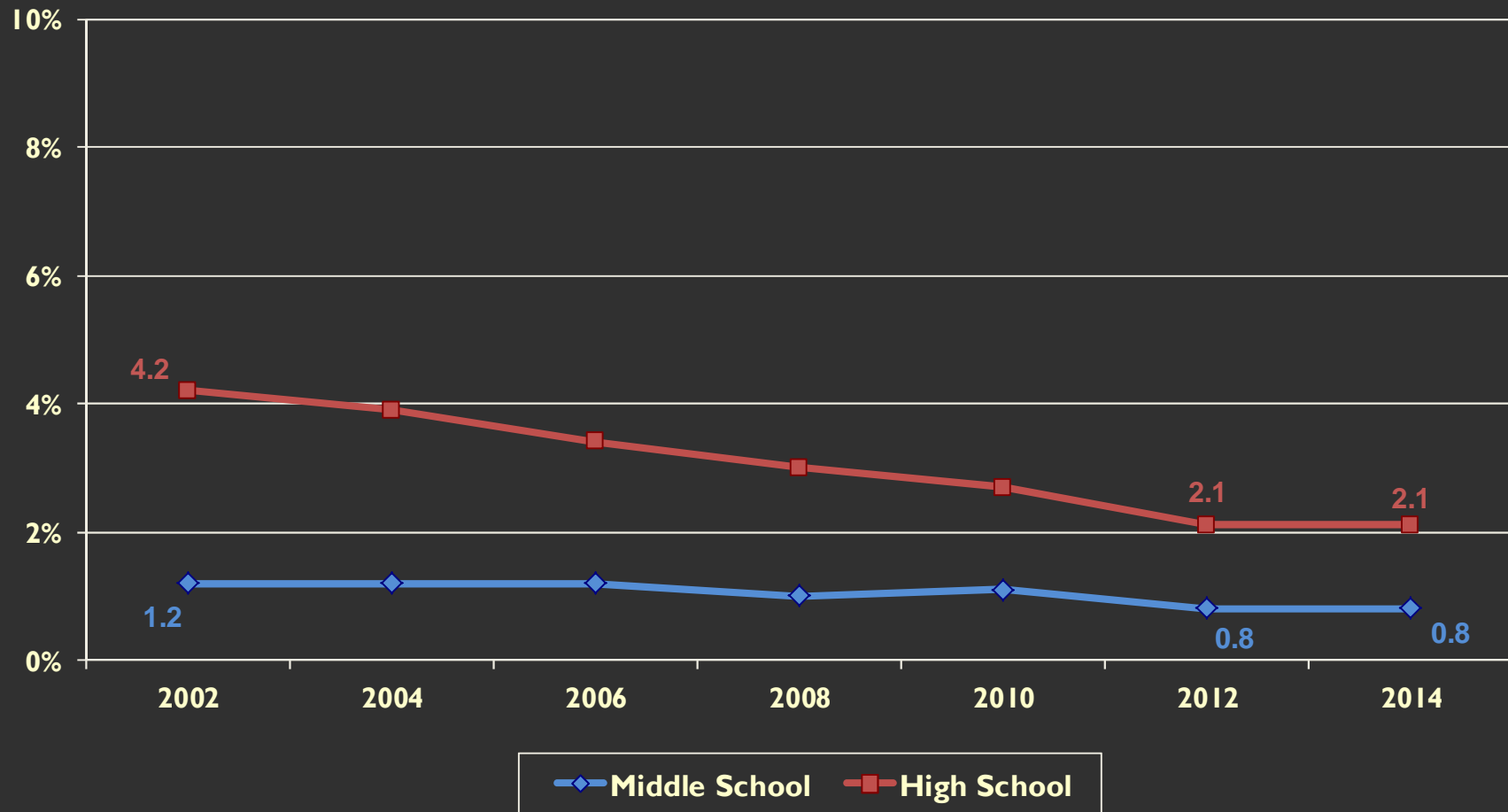
Over-the-Counter Drugs

Past-30-Day Prevalence by Grade Cohort



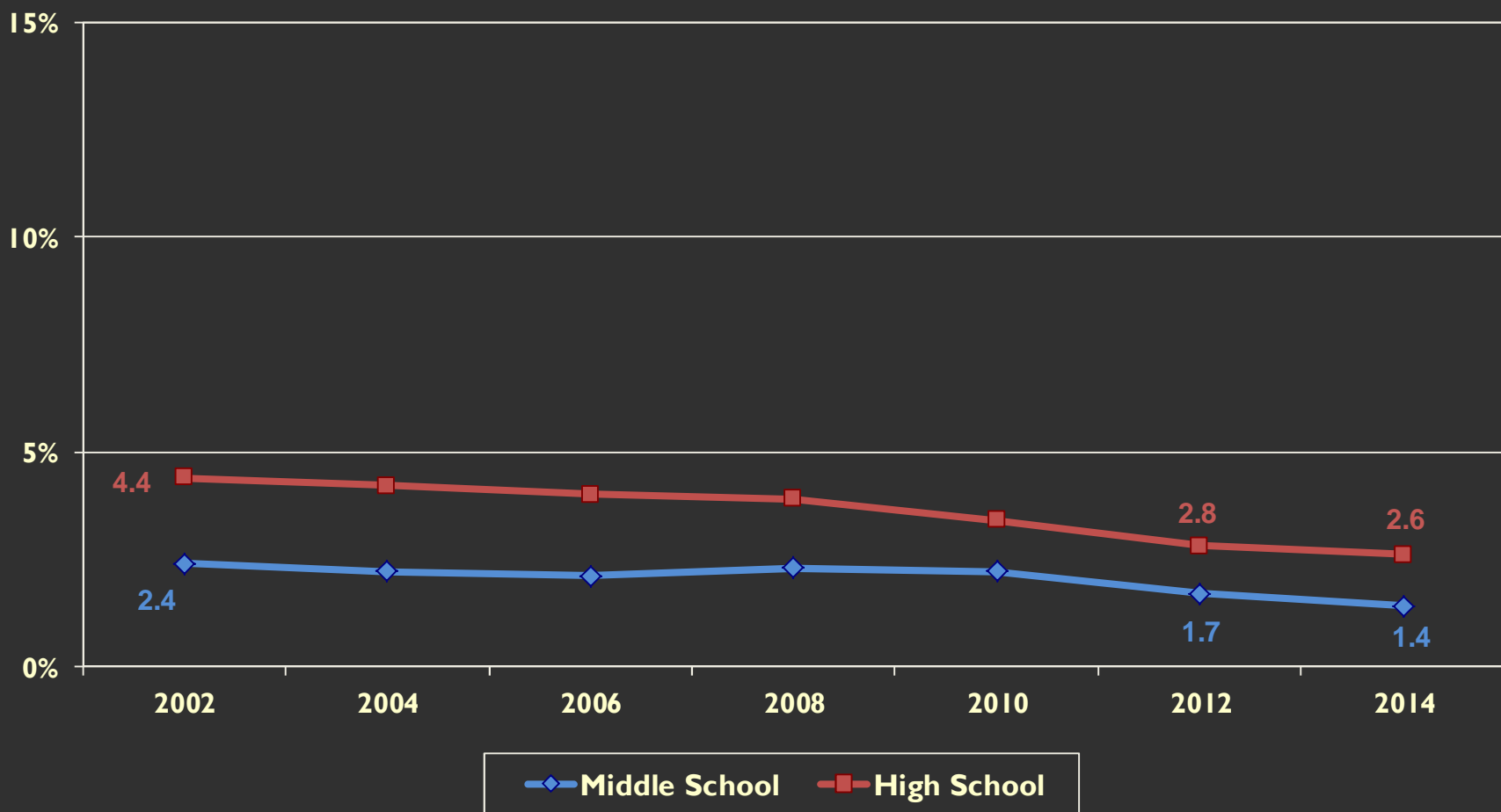
Depressants

Past-30-Day Prevalence by Grade Cohort



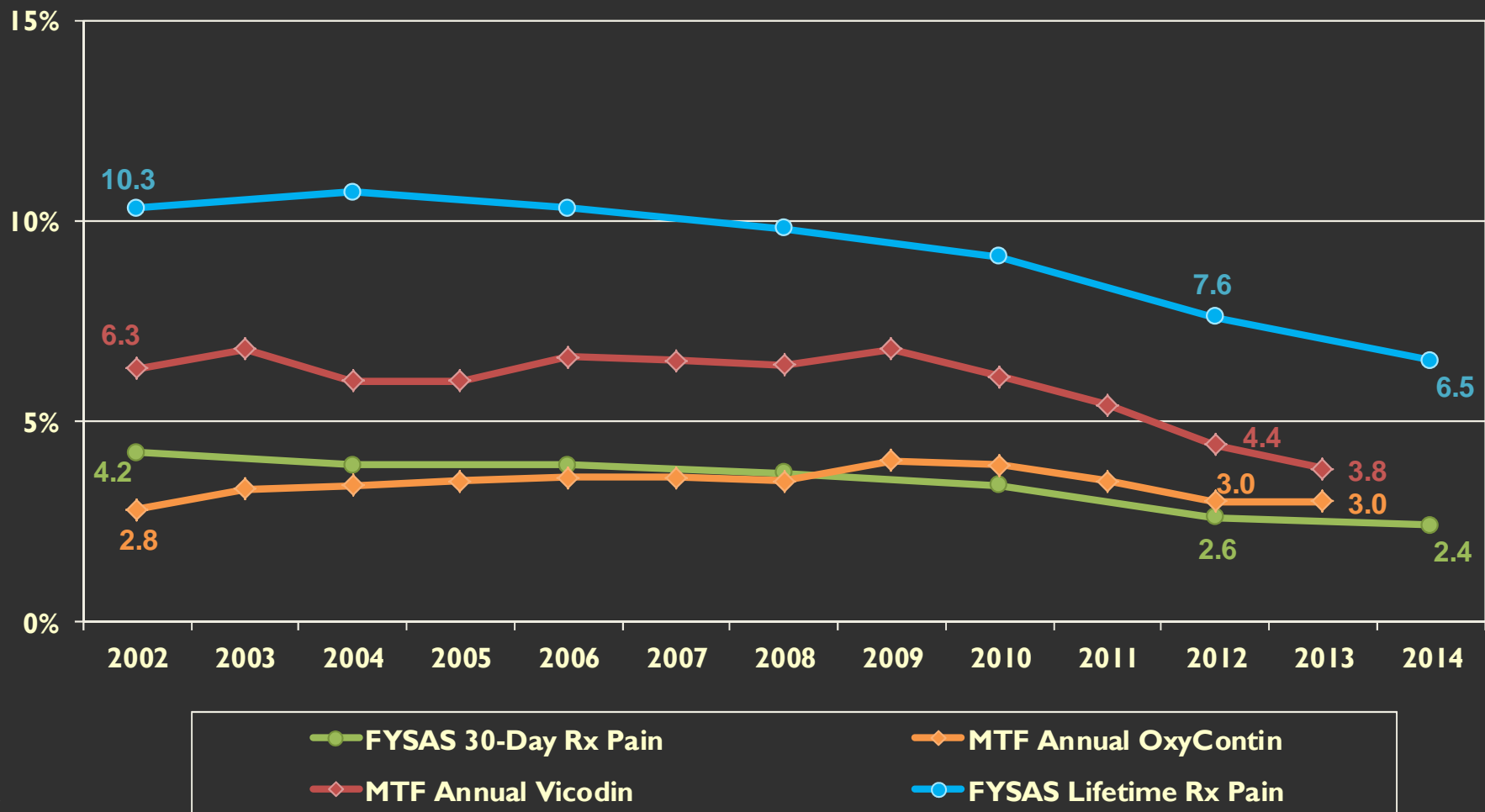
Prescription Pain Relievers

Past-30-Day Prevalence by Grade Cohort



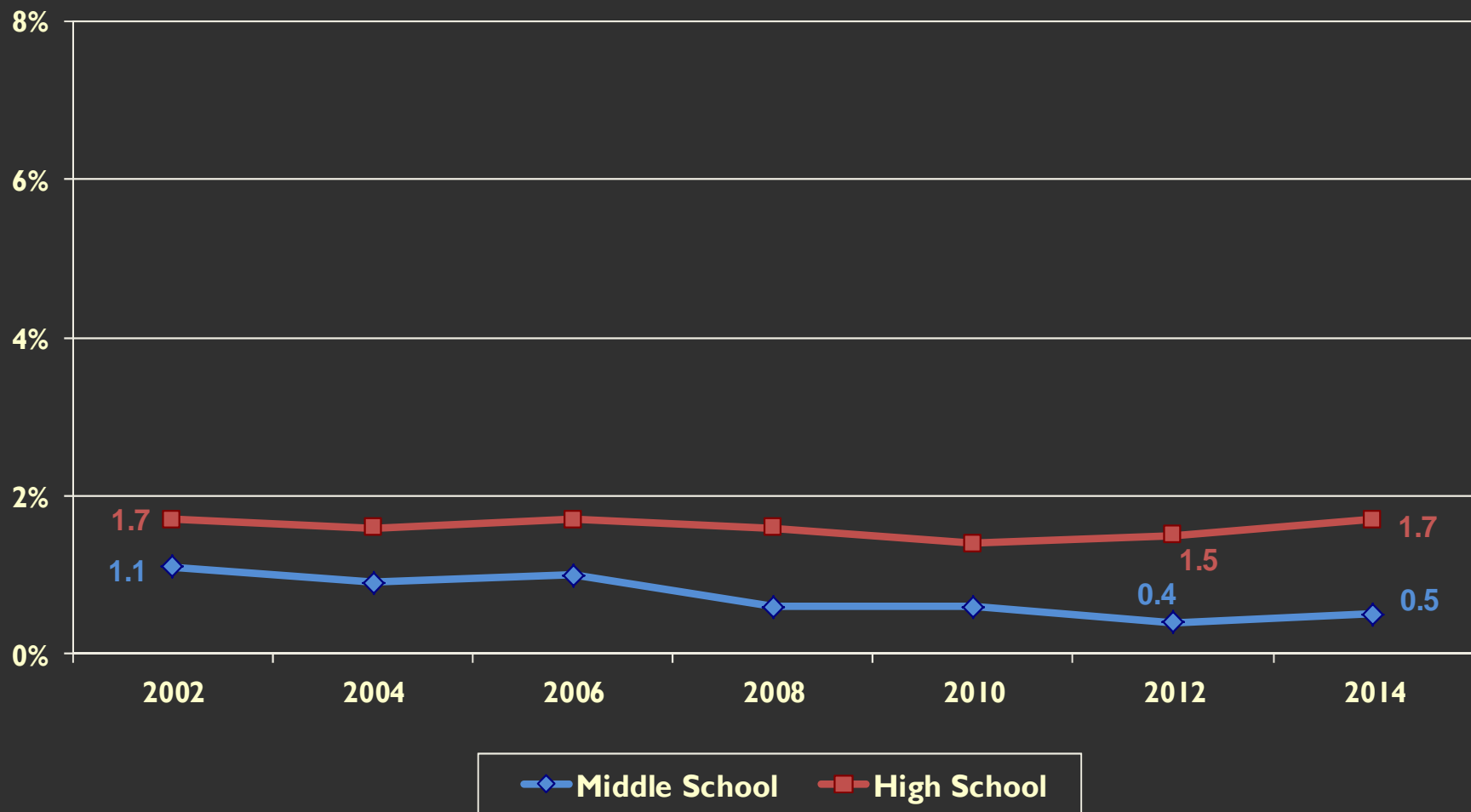
Prescription Pain Relievers

Prevalence for 8th, 10th and 12th Graders



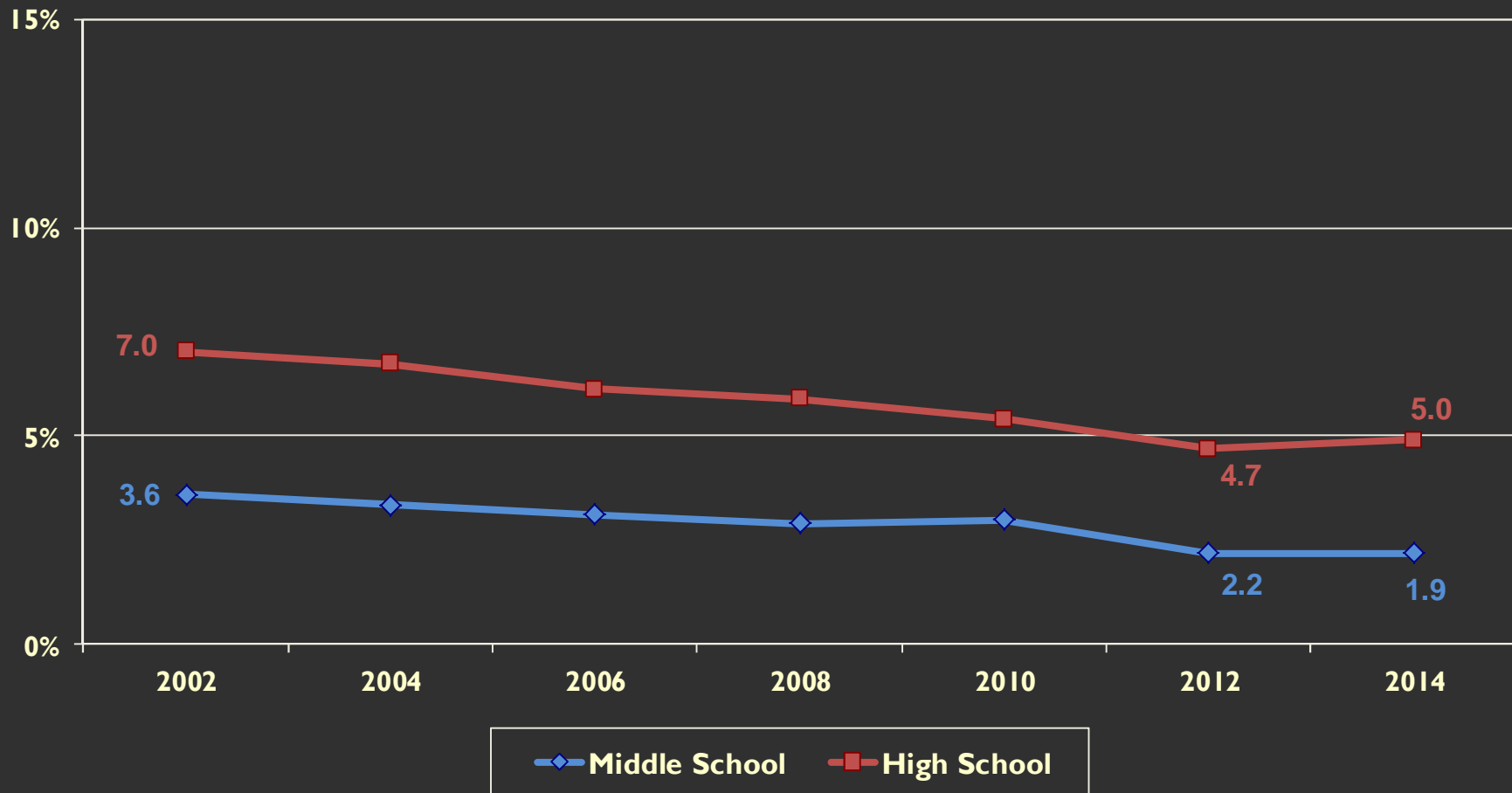
Prescription Amphetamines

Past-30-Day Prevalence by Grade Cohort



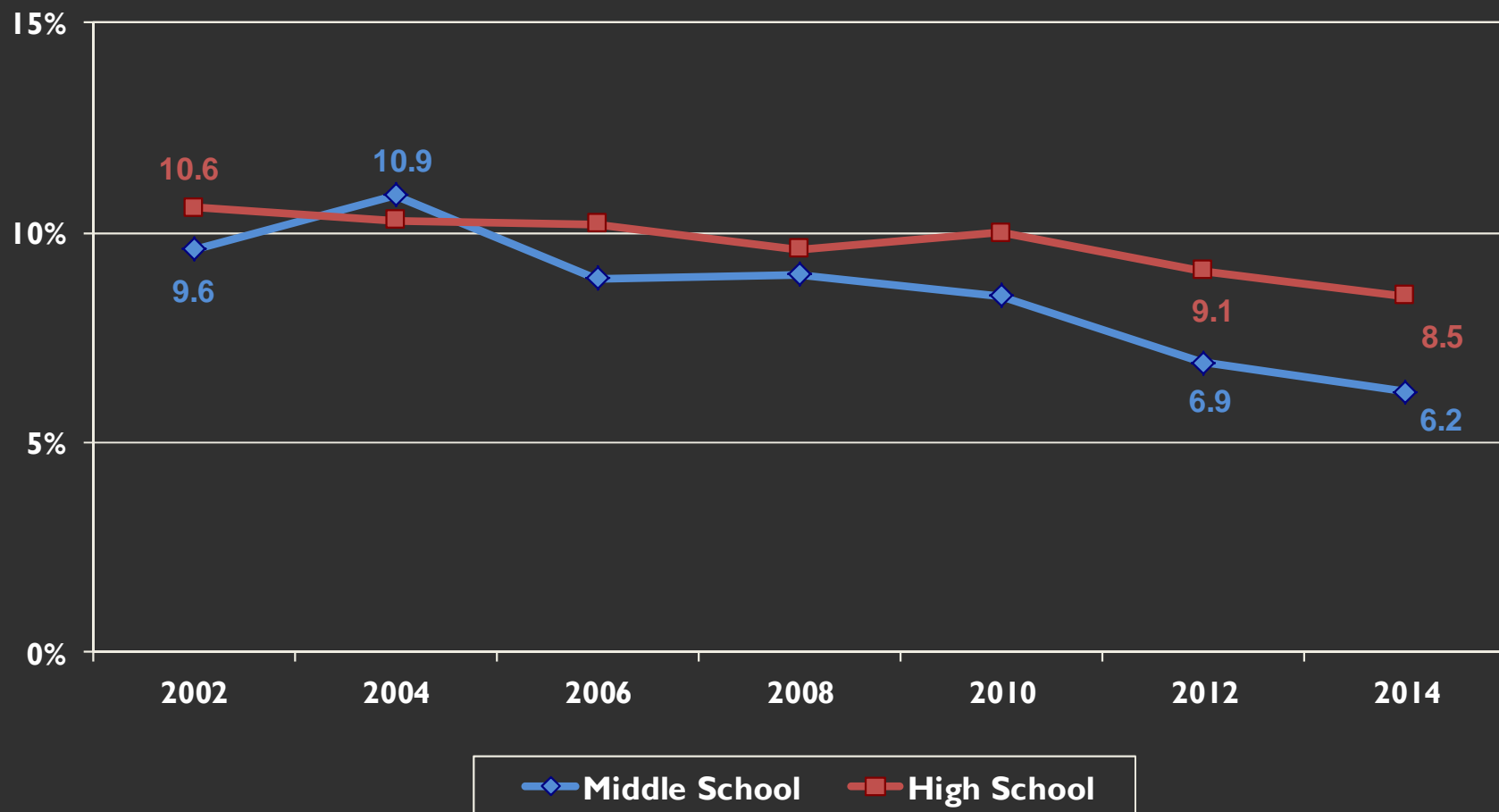
Any Prescription Drug

Past-30-Day Prevalence by Grade Cohort

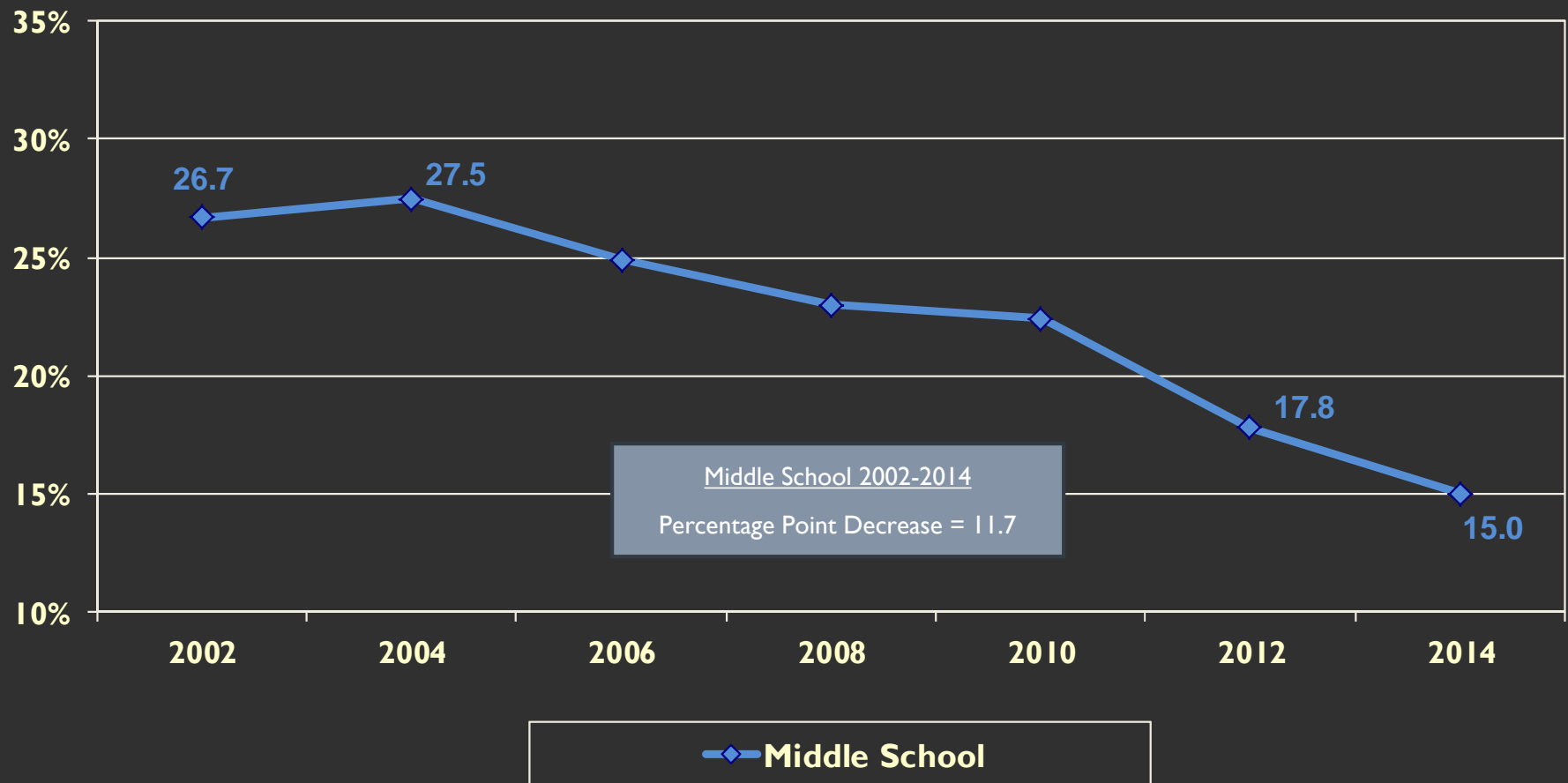


Use of Any Illicit Drug Other than Marijuana

Past-30-Day Prevalence by Grade Cohort

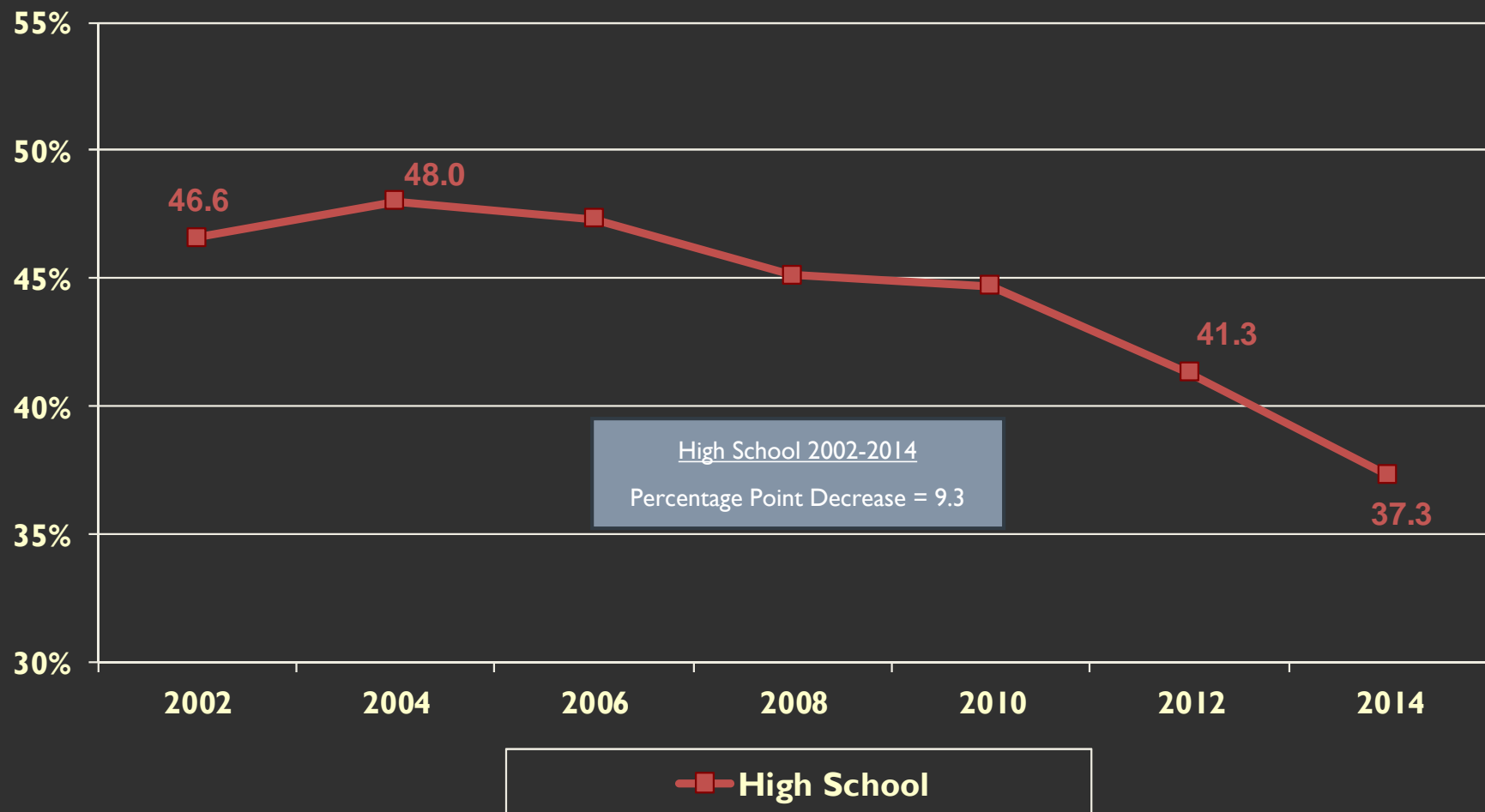


Use of Alcohol, Tobacco, or Any Illicit Drug Past-30-Day Prevalence Among Middle School Students

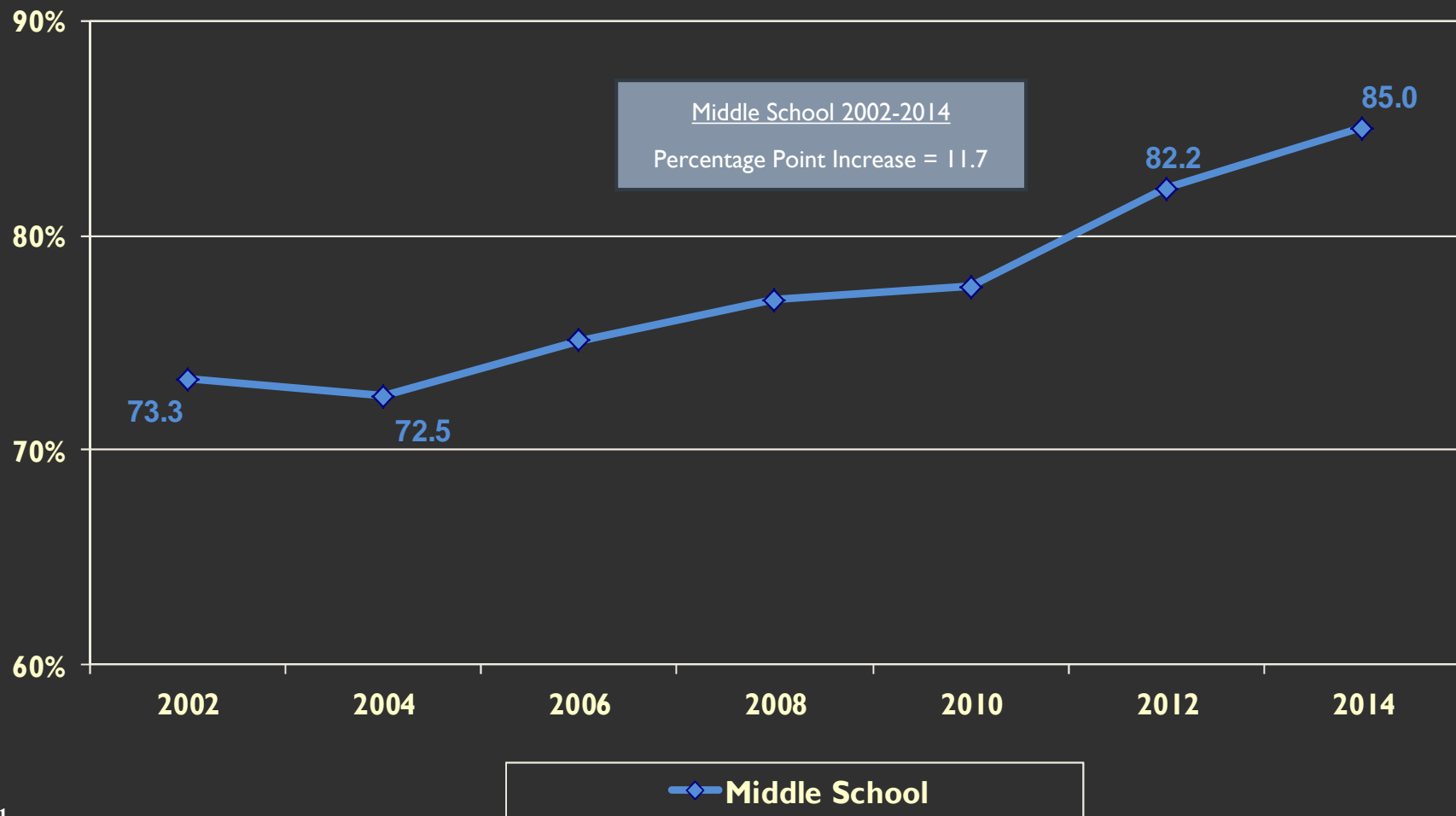


Use of Alcohol, Tobacco, or Any Illicit Drug

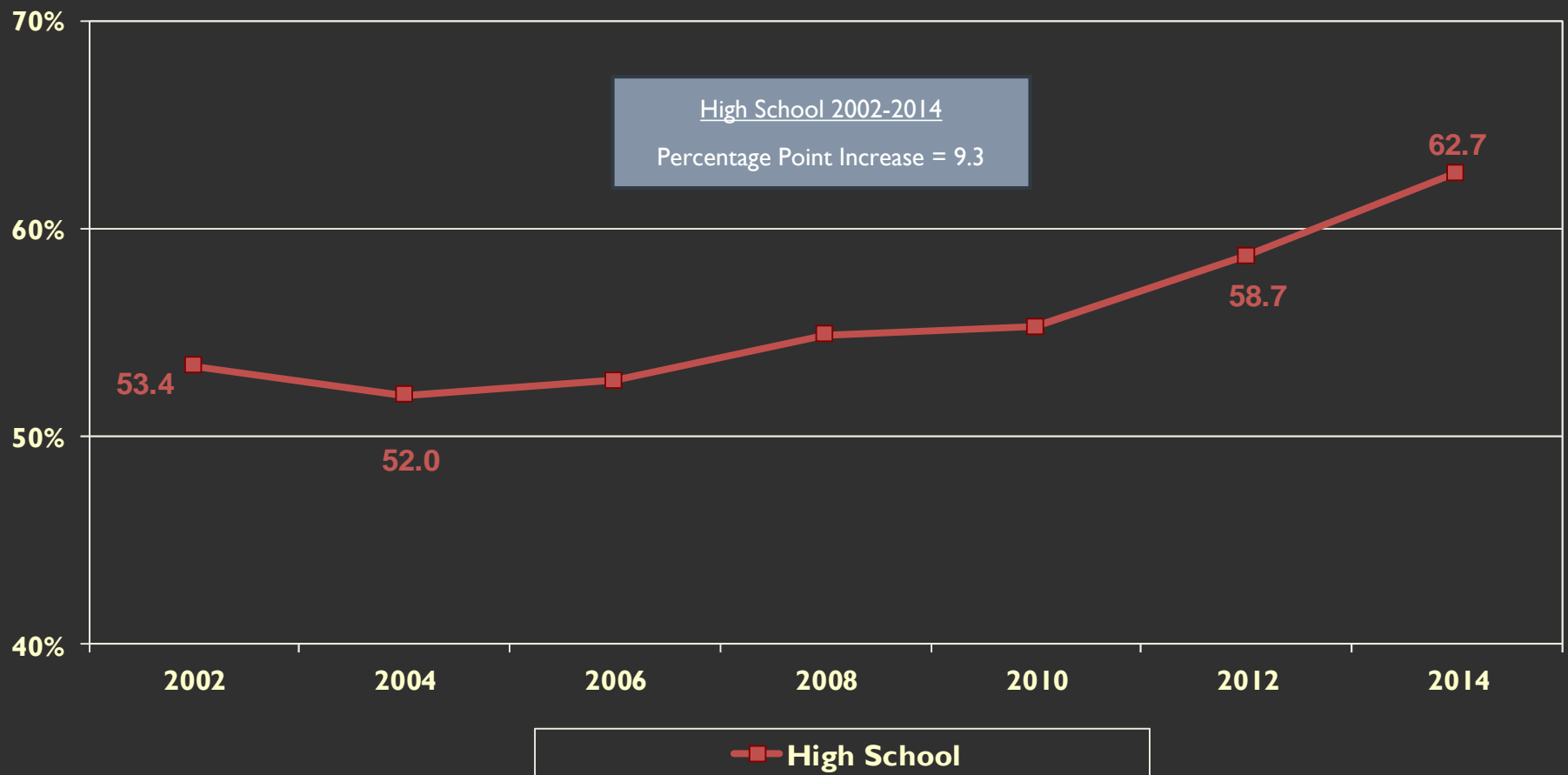
Past-30-Day Prevalence Among High School Students



Students Reporting No ATOD Use in the Past 30 Days

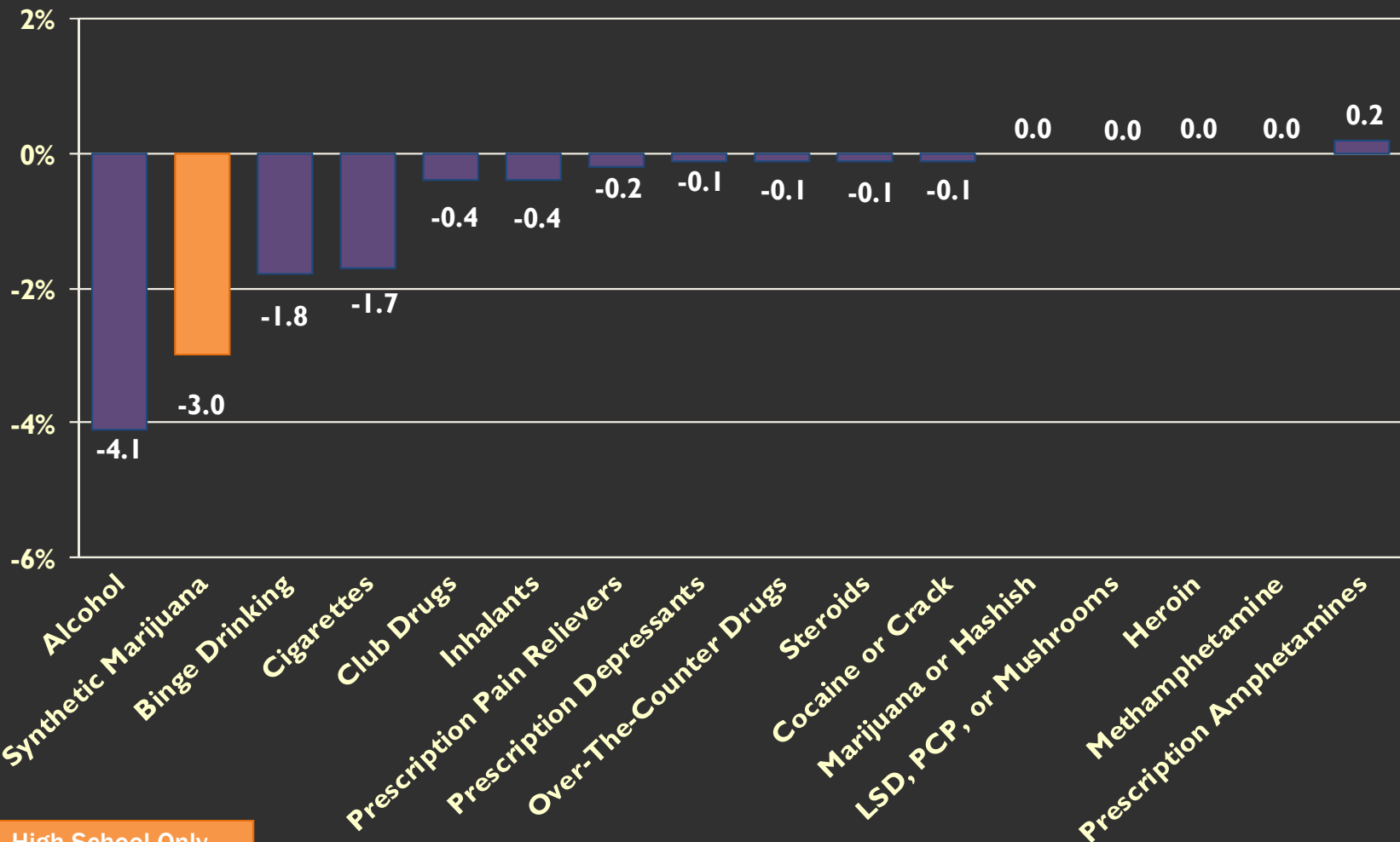


Students Reporting No ATOD Use in the Past 30 Days



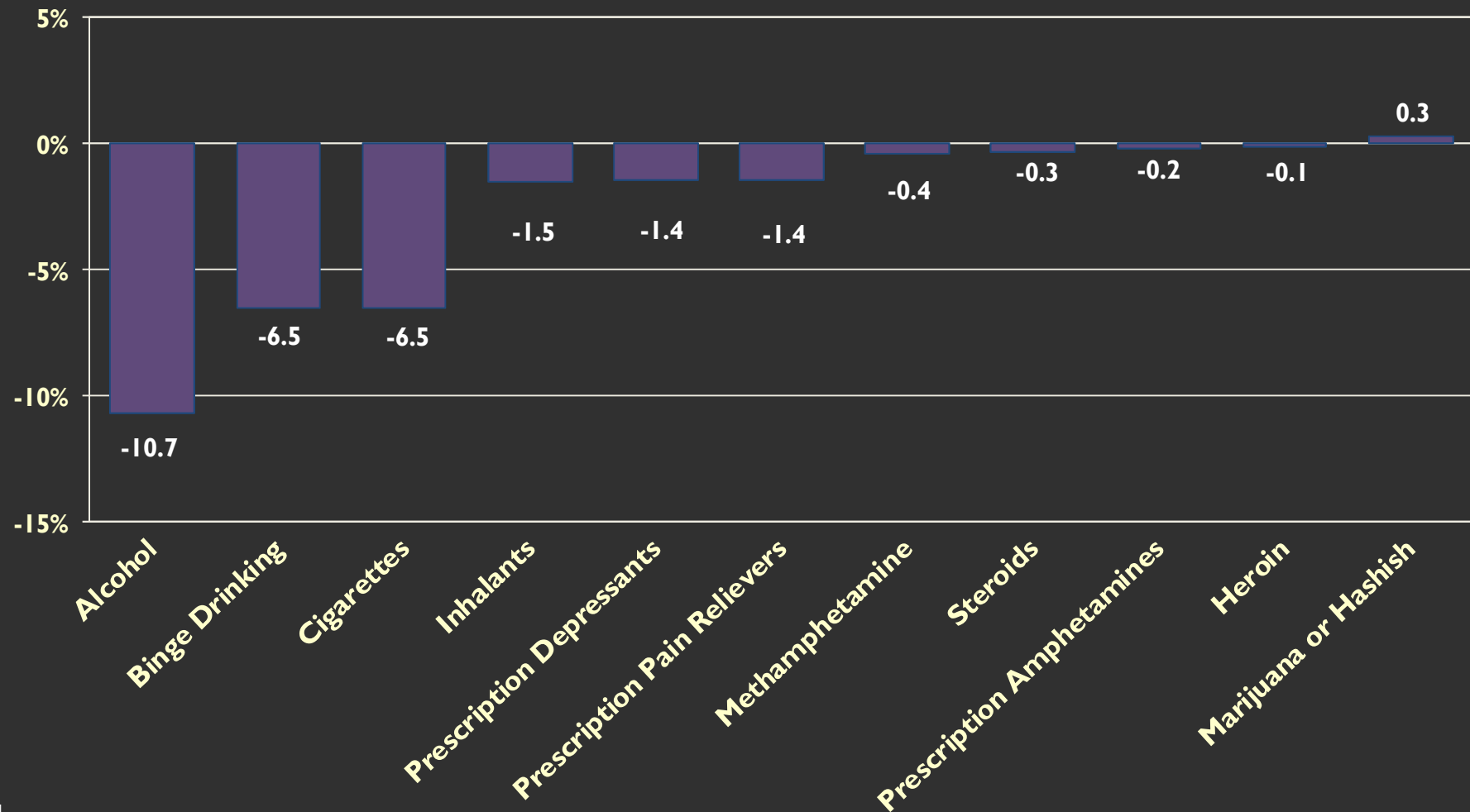
Percentage Point Change 2012-2014

Past-30-Day Prevalence



Percentage Point Change 2002-2014

Past-30-Day Prevalence



Youth Alcohol Use has Declined Substantially in the Past Decade

- Past-30-Day Use 2004-2014:
 - *Decrease of 10.2 points among M.S. students*
 - *Decrease of 13.6 points among H.S. students*
- Binge Drinking 2002-2014:
 - *Decrease of 4.7 points among M.S. students*
 - *Decrease of 8.6 points among H.S. students*

Despite Reductions, High-Risk Alcohol Use is Still Common

- Among High School Students:
 - 13.7% reported binge drinking in past 2 weeks
 - 18.9% have blacked out from drinking
 - 18.1% rode with a drinking driver in the past 30 days
 - 6.6% drove after drinking in the past 30 days

The Long-Term Decline in Cigarette Smoking Continues

- Past-30-Day Use 2002-2014:
 - *Decrease of 5.1 points among M.S. students*
 - *Decrease of 7.8 points among H.S. students*
- Past-30-Day Use 2012-2014:
 - *Decrease of 0.7 points among M.S. students*
 - *Decrease of 2.5 points among H.S. students*

While Other ATOD Rates Decline, Marijuana Use Shows Little Overall Change

- Past-30-day marijuana use 2002-2014:
 - *Decrease of 1.7 points among M.S. students*
 - *Increase of 1.4 points among H.S. students*
- Past-30-day marijuana use 2012-2014:
 - *No change among M.S. students*
 - *Increase of 0.1 points among H.S. students*

Comparisons to National Data

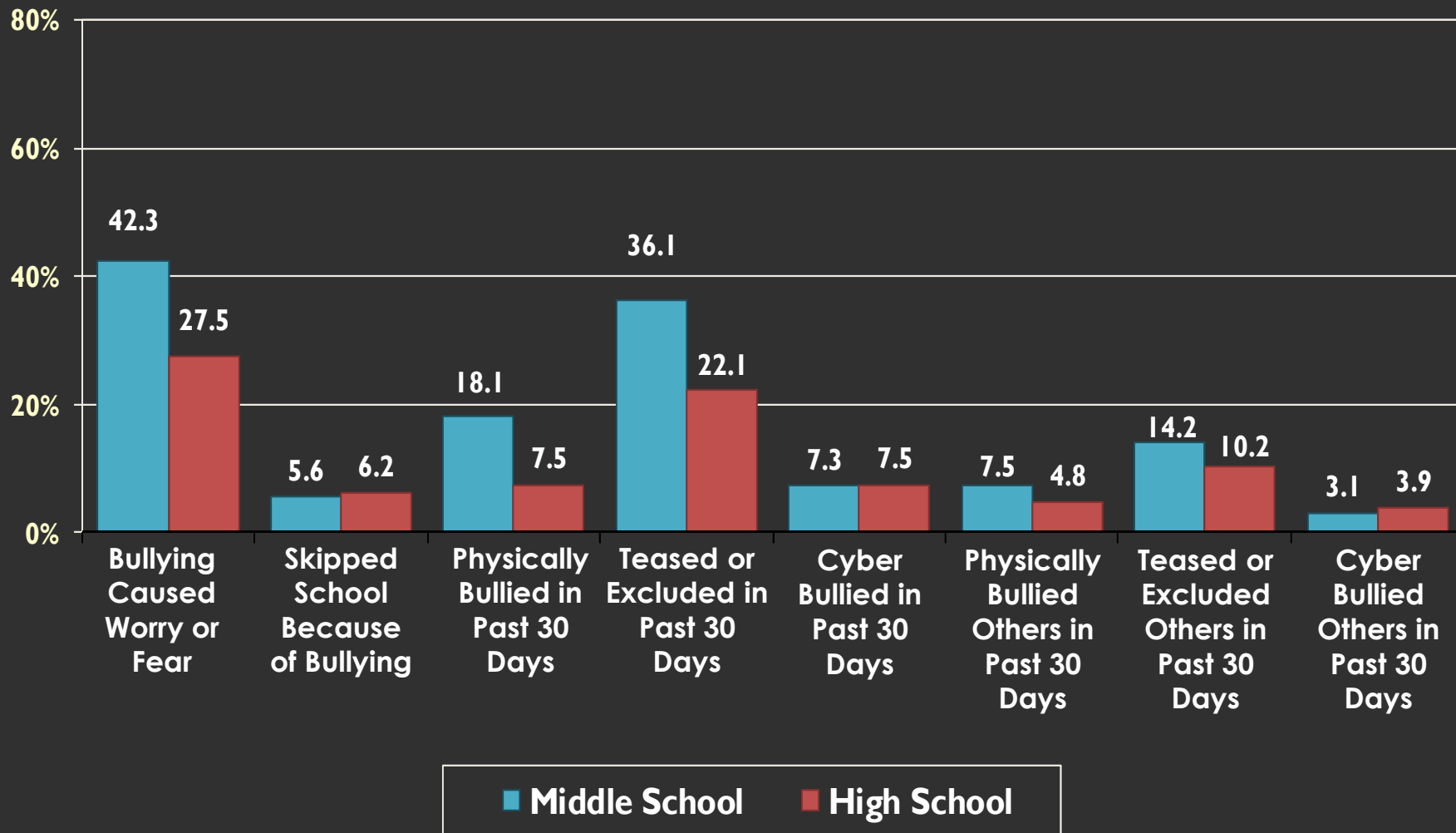
- Florida students reported:
 - *Higher rates of alcohol use (gap is narrowing)*
 - *Similar rates of binge drinking (gap has closed)*
 - *Lower rates of cigarette use*
 - *Slightly higher rates of marijuana use*
 - *Slightly higher rates of inhalant use*

Bullying ATOD Use and Race/Ethnicity

2014 Results

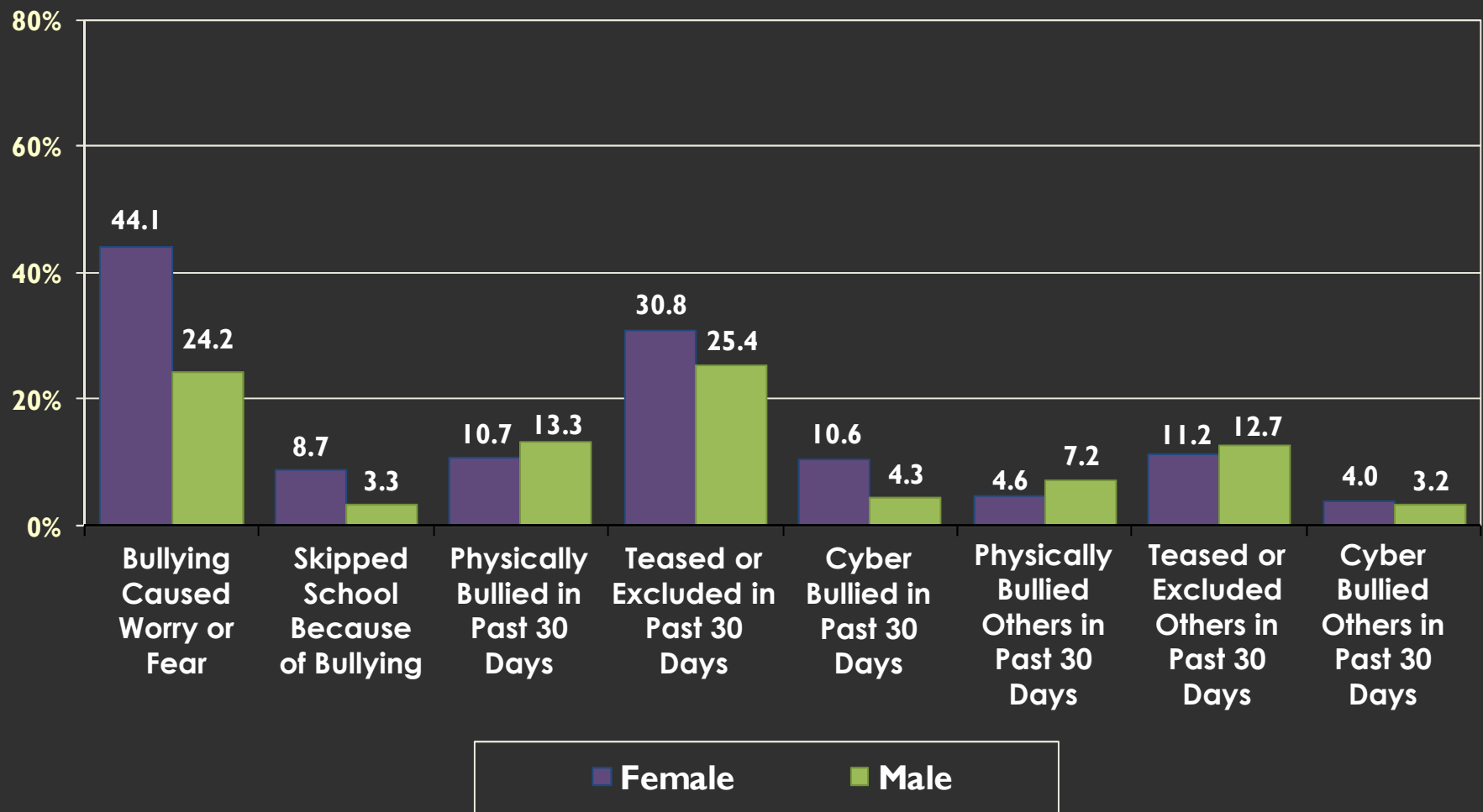
Bullying

M.S. and H.S. Prevalence Rates



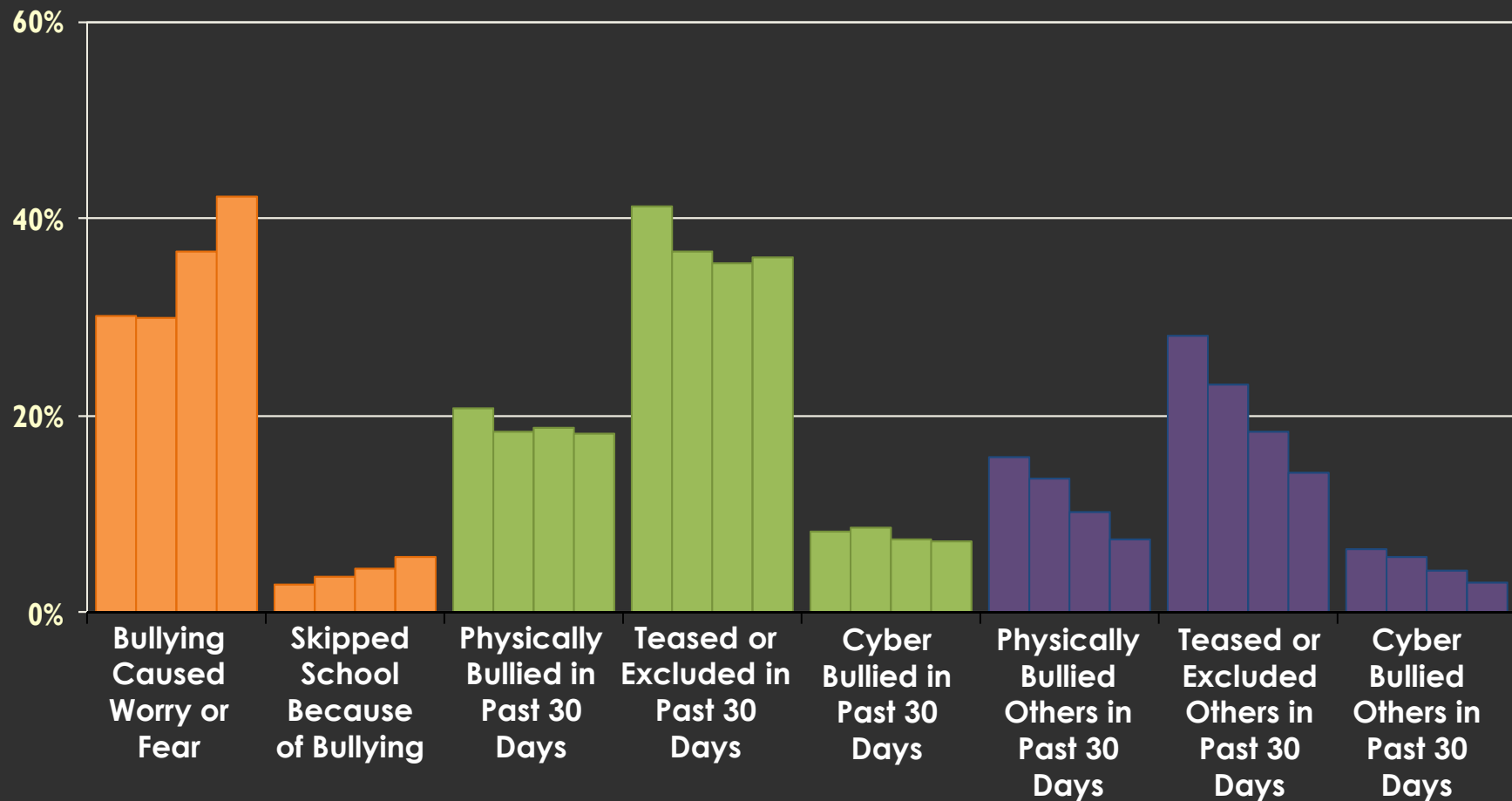
Bullying

Female and Male Prevalence Rates



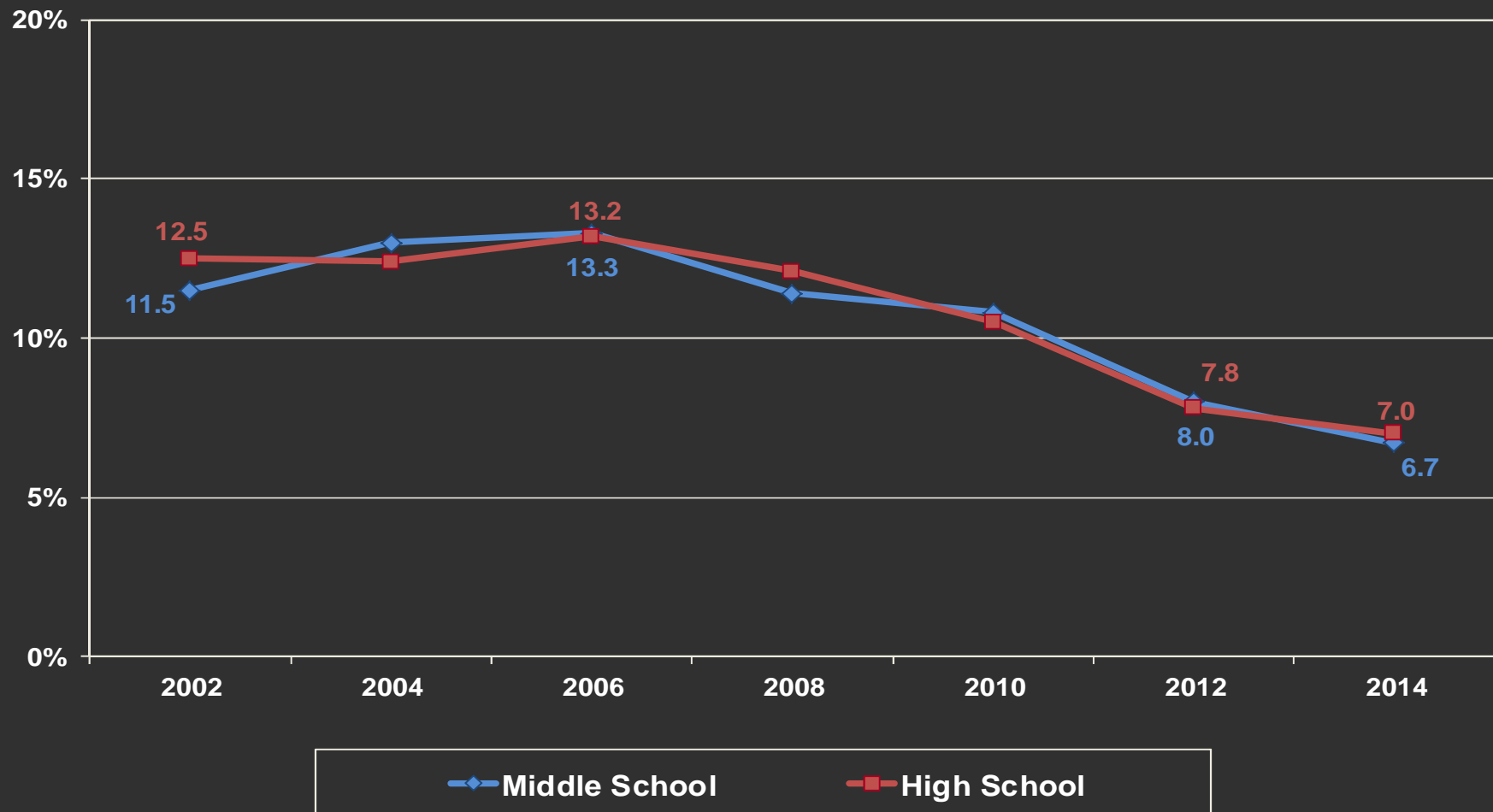
Bullying Trends

Middle School Students, 2008-2014



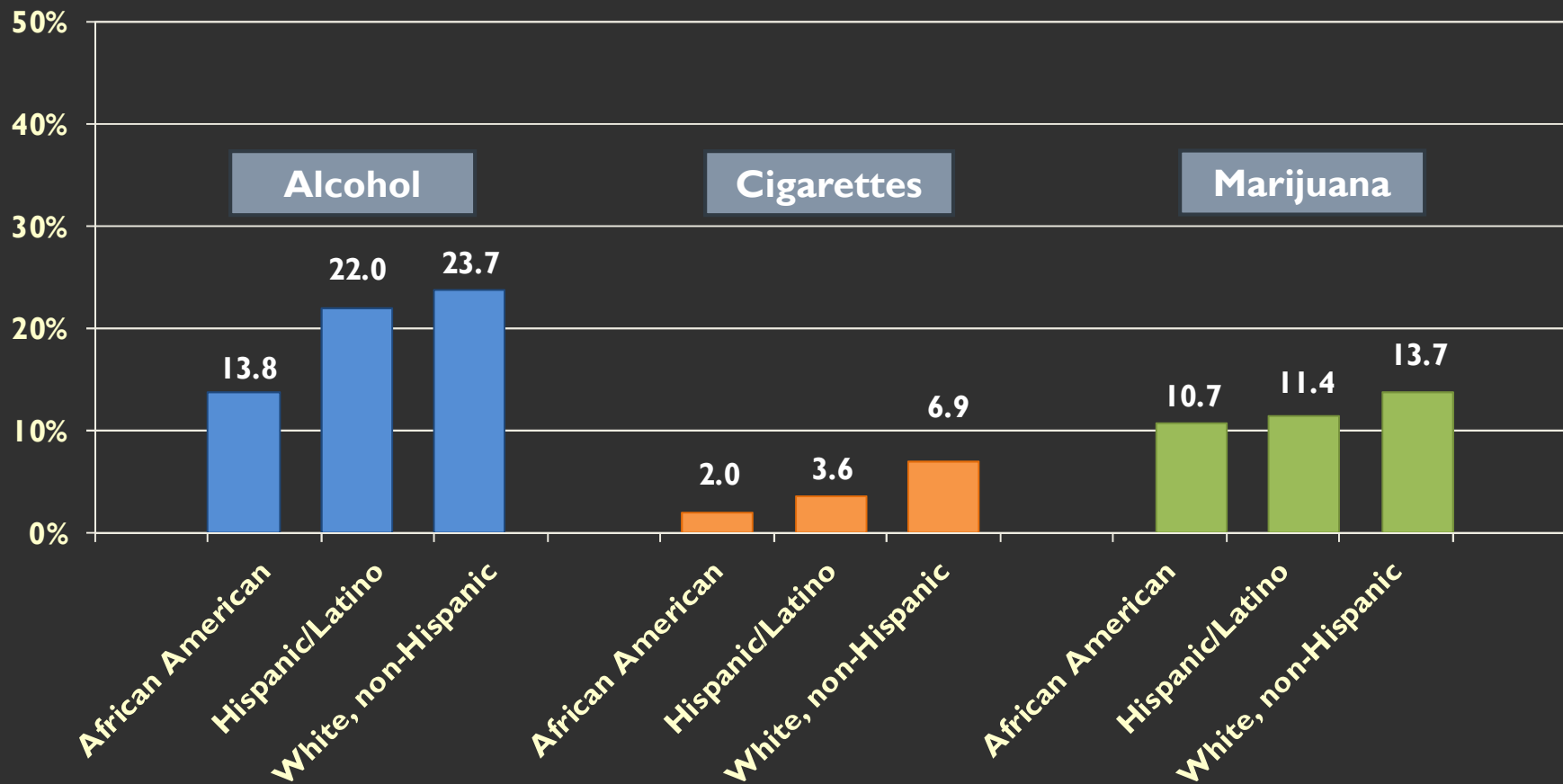
Attacking Someone with Intent to Harm

Past-12-Month Prevalence



ATOD Use and Race/Ethnicity

Past-30-Day Prevalence



ATOD Use and Race/Ethnicity

Cigarettes: Risk of Harm and Disapproval

