




# PRIDE Survey Results: 2004-2005

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2003-2004 Search Institute and 2004-  
2005 PRIDE Survey Results



# The great question for an adolescent: MIOK?

- How do I get OK?
  - Religion? Grades? Weights? Diet?
  - Sports? Clubs? Olions? Debate? Music?
  - Dating? Dancing?
  - **Drugs?**
- How many choose drugs?
- How can we identify and help them?



# Outline

- Credibility of Responses
- What are the Issues?
- Survey Findings
- Objective of Cross-Correlations
- Cross-Correlation Findings
- Conclusions and Recommendations



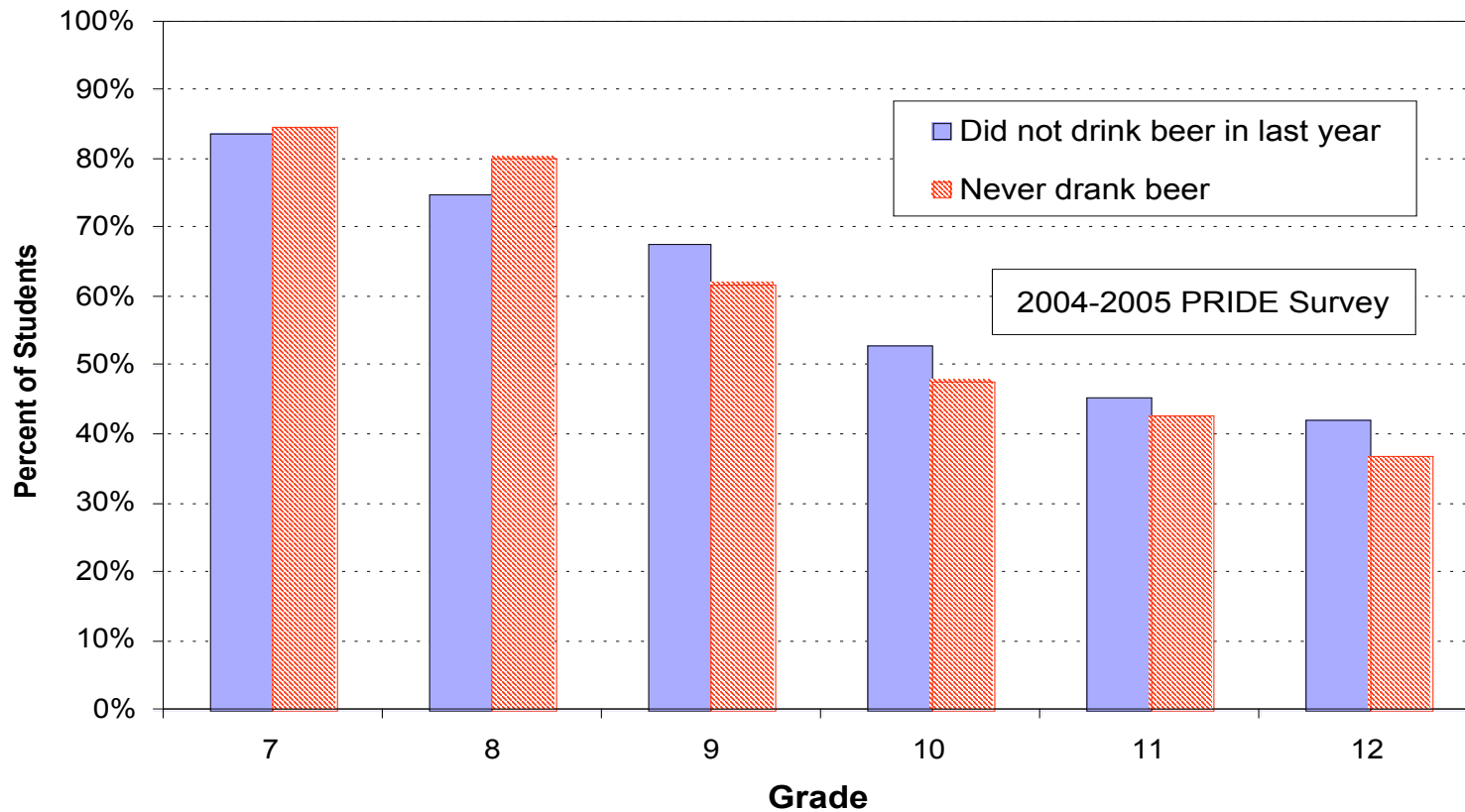
## Measuring credibility: Students profess to peers that they “answered randomly”

- Trends of self-reported activity – are they believable?
- Consistency in responses to similar questions
  - Question IV.4 “Within the past year how often have you drank beer?”
  - Question V.4 “At what age did you first drink beer?”
- Compare percentage answering “Did not use” in to question IV.4 to those answering “Never used” to question V.4

# Credibility: Trends in beer drinking with grade in school

**Do students answer randomly?**

**Responses to two similar questions consistent to ~ 4%**



2003-2004 Search Institute and 2004-2005 PRIDE Survey Results



# What are the problem behaviors?

- Alcohol, Tobacco and Other Drug (ATOD) use
- Suicide
- Skipping School
- Violence and Threats of Violence
- Sexual Activity
- Gangs (not addressed in this report)

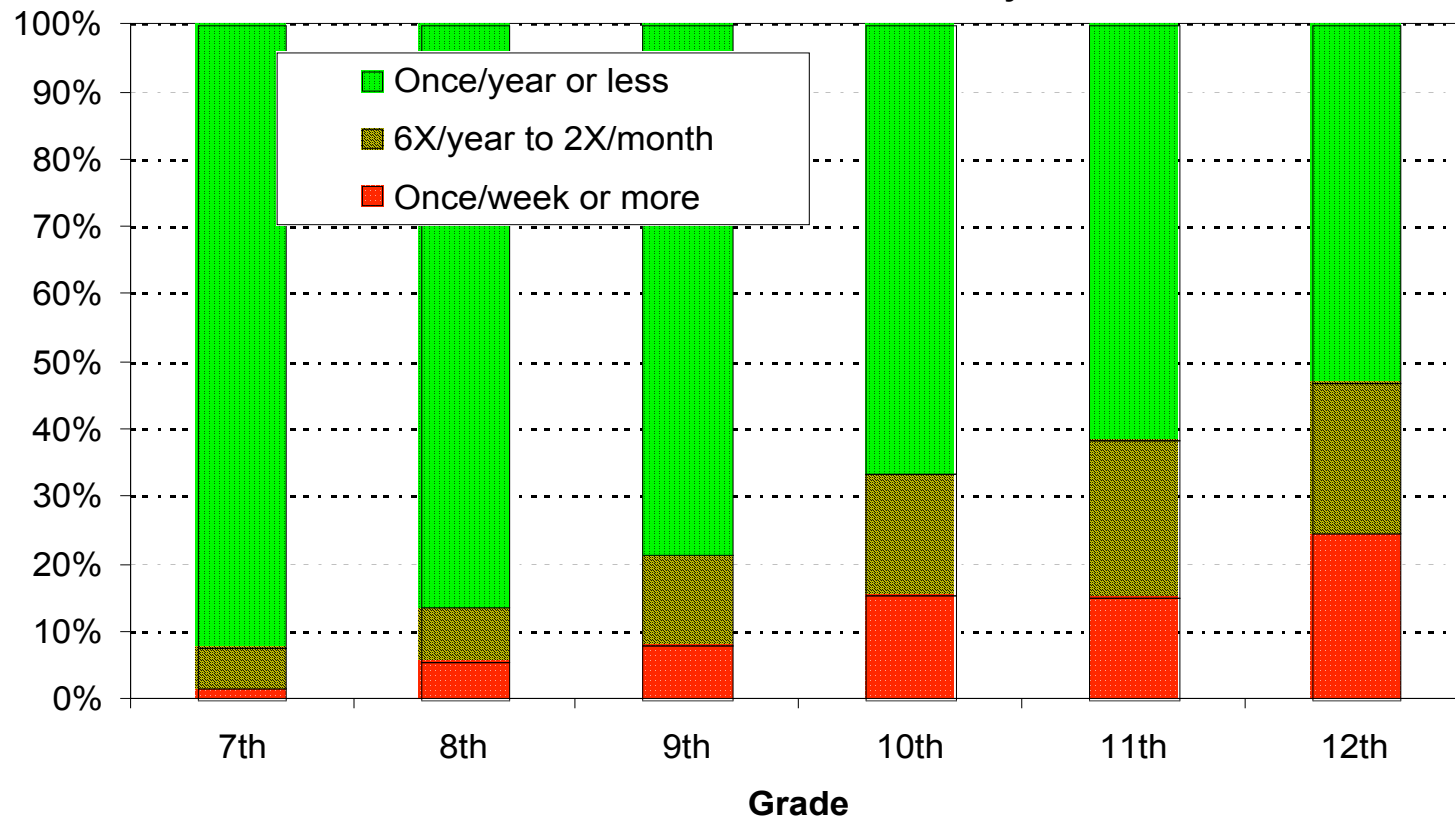


# Triage on Beer Drinking

## Triage on beer use in past year

Response to "Within the past year how often have you drank beer?"

2004-05 LAMS & LAHS PRIDE Survey

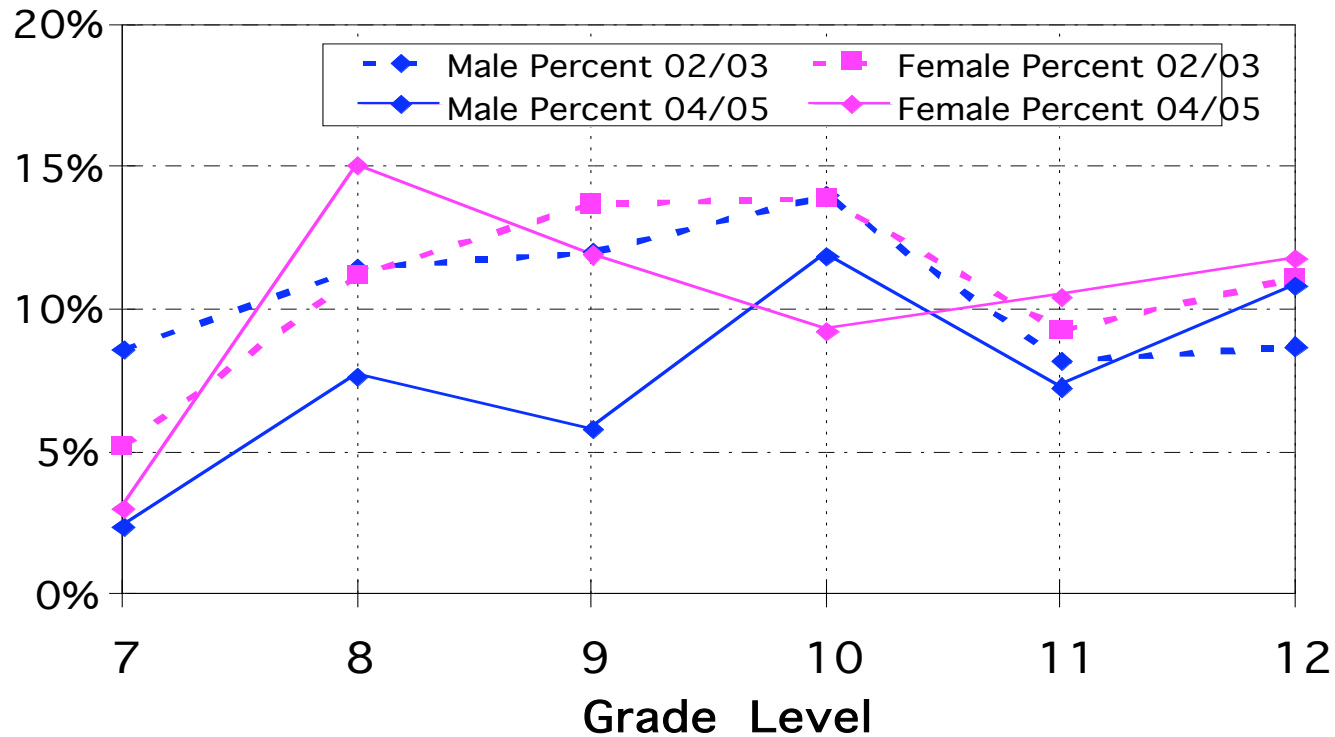


2003-2004 Search Institute and 2004-2005 PRIDE Survey Results

# About 10% of students think about committing suicide "often" or "A Lot"

Percent of Students who "thought about committing suicide often or a lot"

2002-2003 and 2004-2005 LAPS PRIDE Surveys



2003-2004 Search Institute and 2004-2005 PRIDE Survey Results

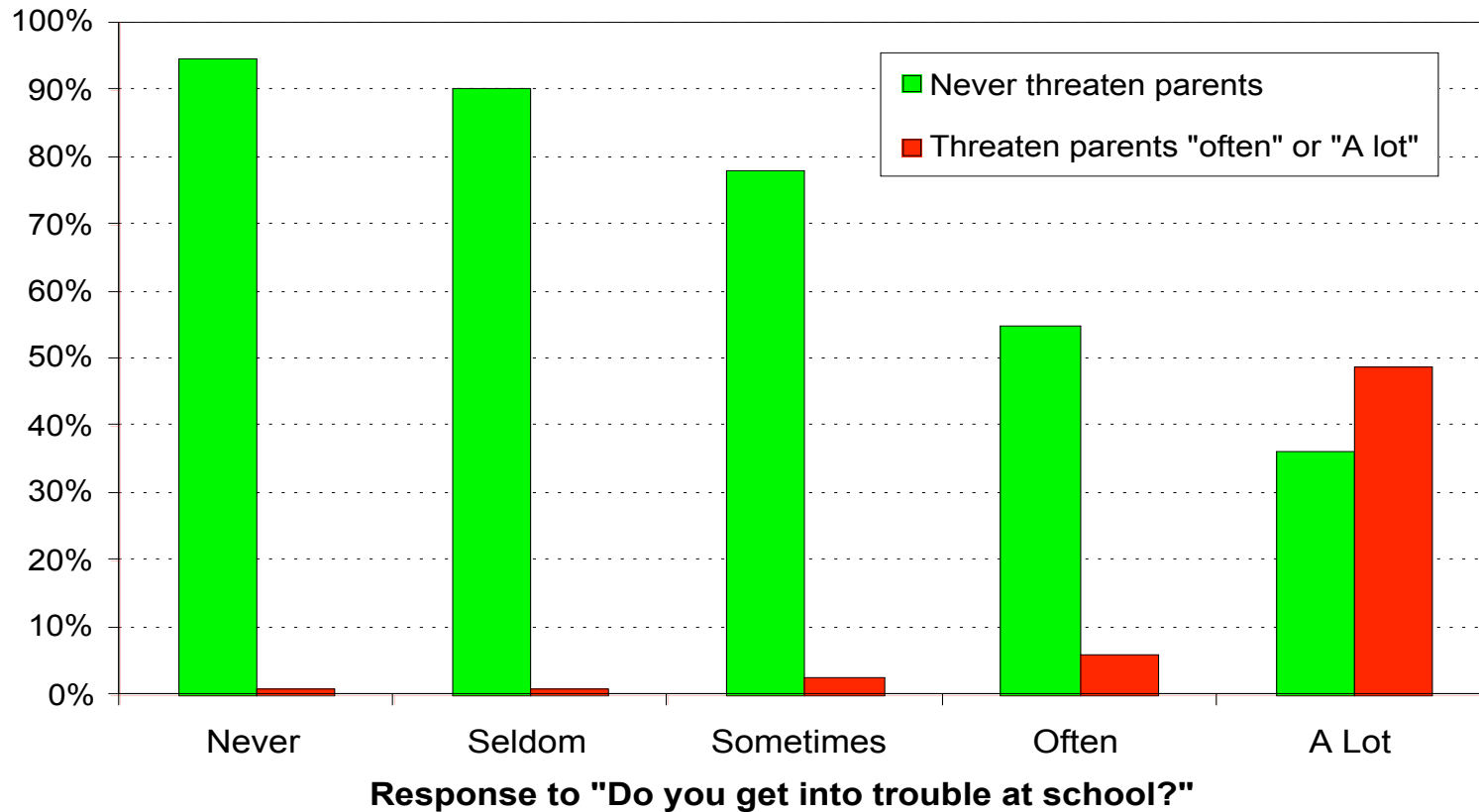


# Skipping classes as a measure of hidden problems

- “Skippers” threaten to harm parents
- “Skippers” get poorer grades
- “Skippers” are using marijuana
- “Skippers” are thinking about committing suicide “Often” or “A lot”

# Trouble at school correlated with trouble with parents

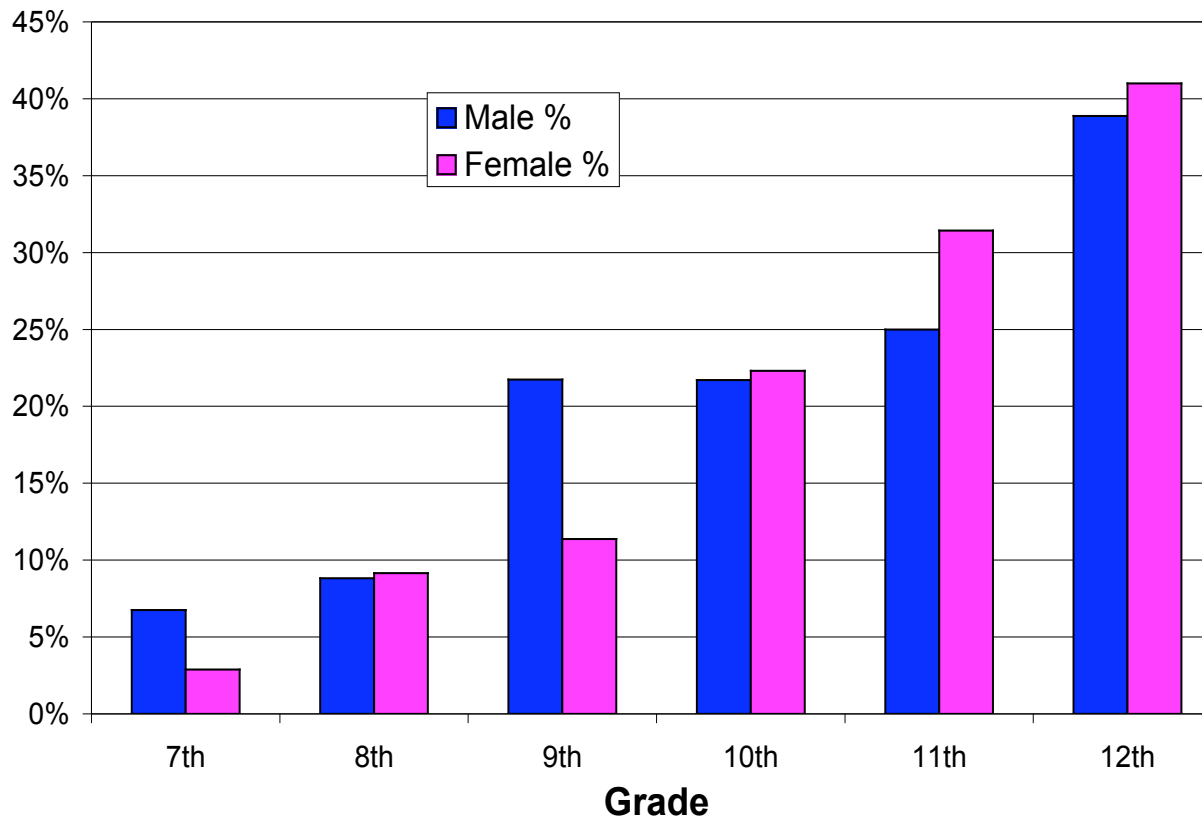
Students in trouble at school are also threatening parents guardians, etc.  
Response to "Have you threatened to harm one or both of your parents, guardians, etc?"  
PRIDE Survey 2004-2005 LAMS and LAHS



2003-2004 Search Institute and 2004-  
2005 PRIDE Survey Results

# Incidence of Sexual Activity by LAPS Students

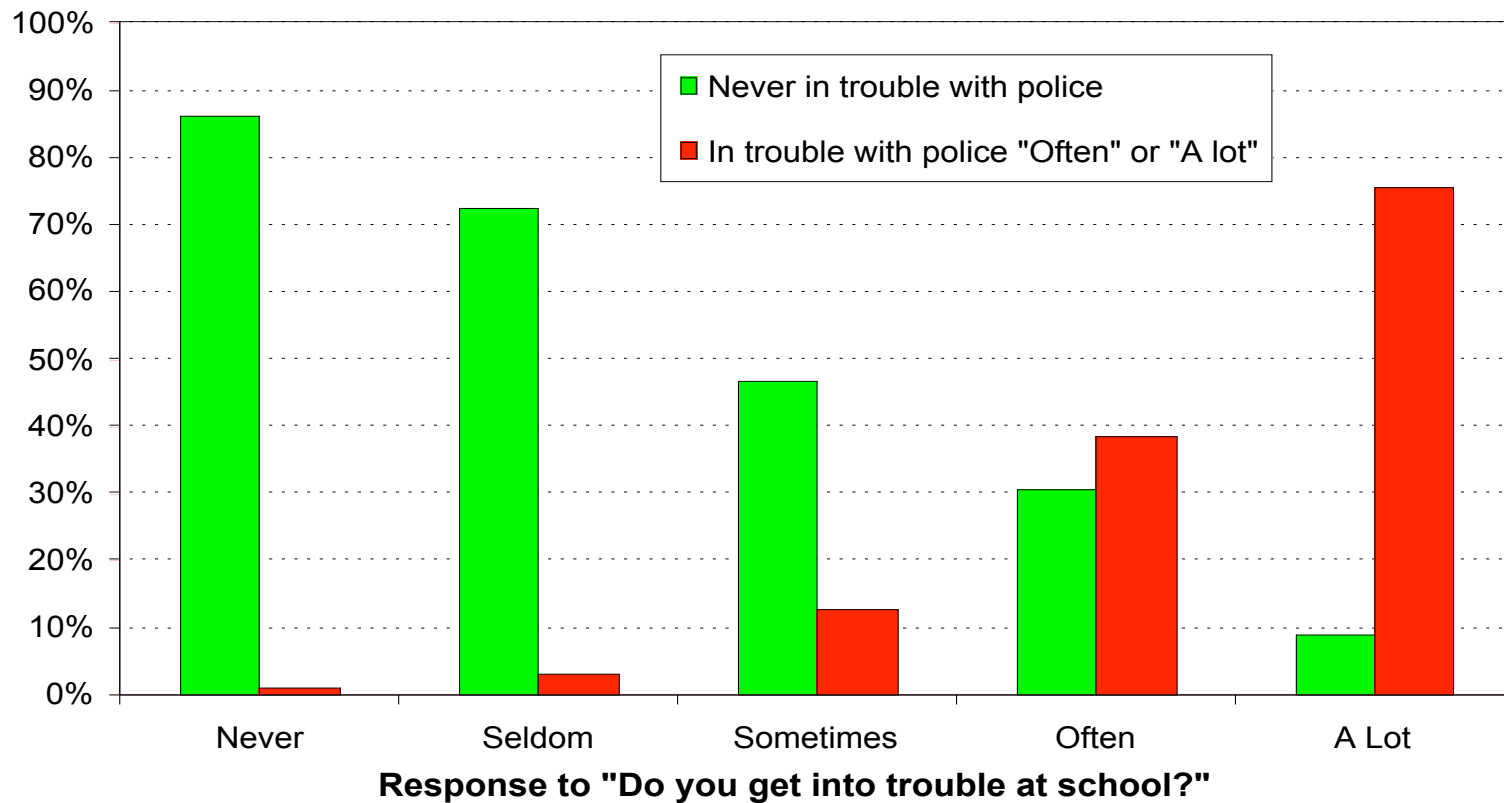
Percent of LAPS Students Having Sexual Intercourse  
(2003-2004 Search Survey)



2003-2004 Search Institute and 2004-  
2005 PRIDE Survey Results

# Trouble at school correlated with trouble with police

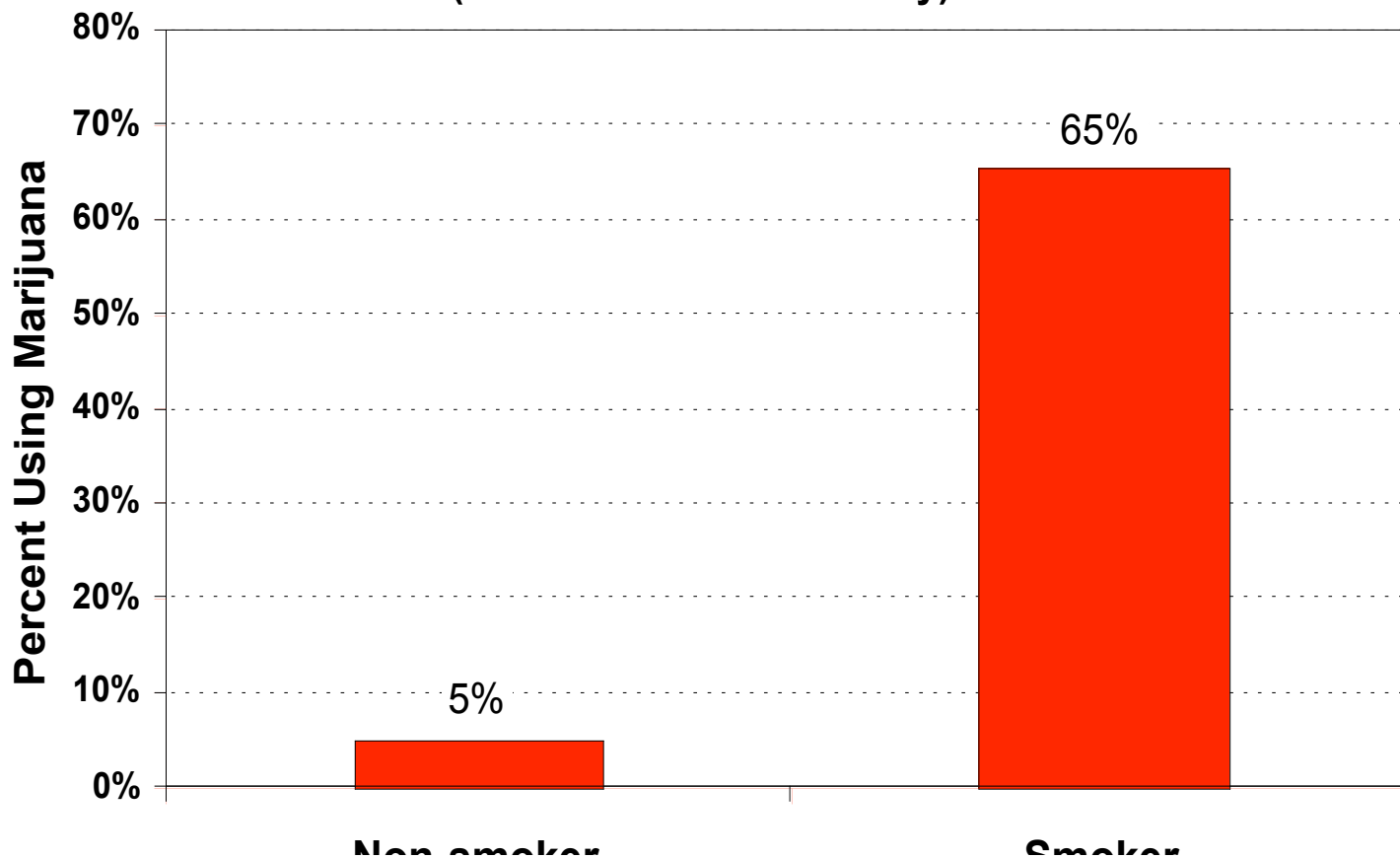
Schools and police identify the same troublemakers  
Response to "Have you been in trouble with the police?"  
PRIDE 2004-2005 LAMS and LAHS



2003-2004 Search Institute and 2004-  
2005 PRIDE Survey Results

# Does my child use marijuana?

Smokers 12x more like to use marijuana than non-smokers  
(2003-2004 Search Survey)

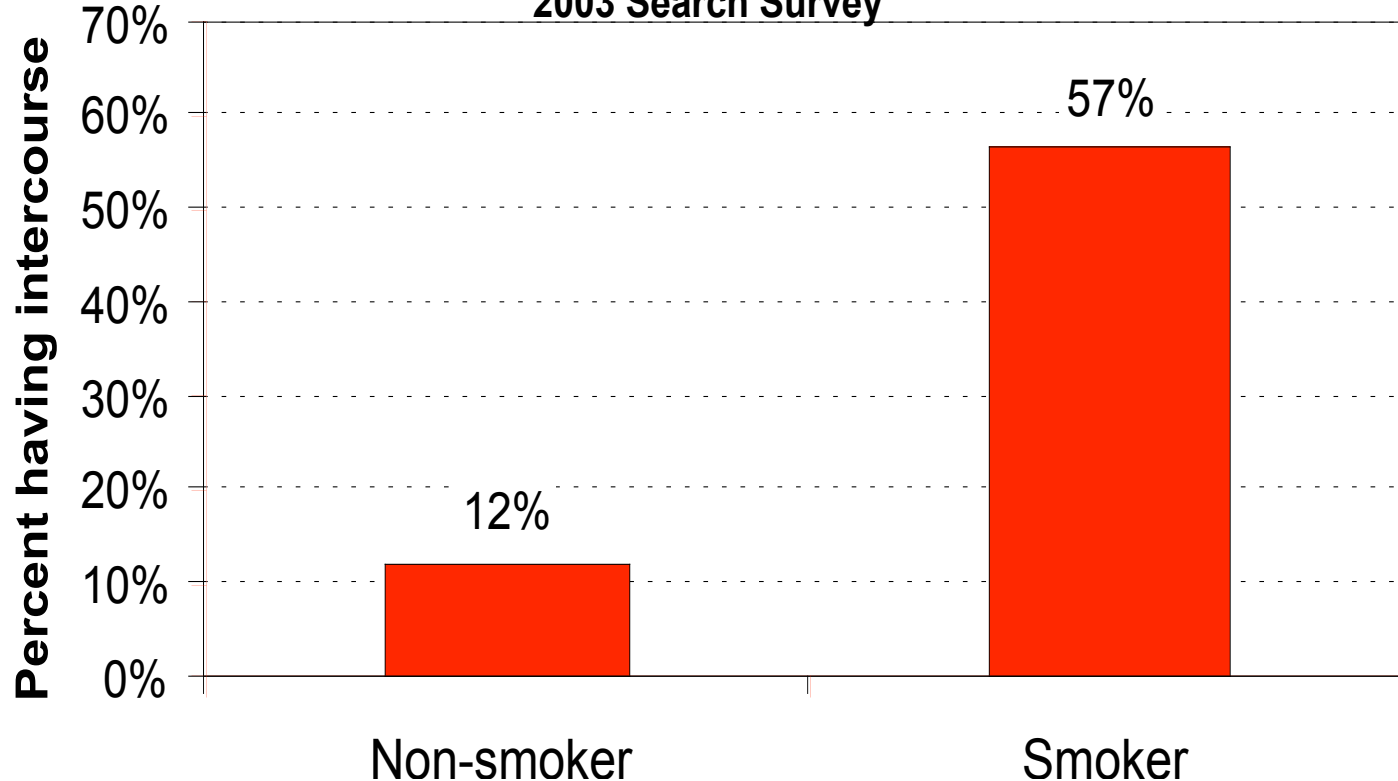


2003-2004 Search Institute and 2004-2005 PRIDE Survey Results

# Is my child having sex?

**Smokers over 4x more likely to be having sexual intercourse**

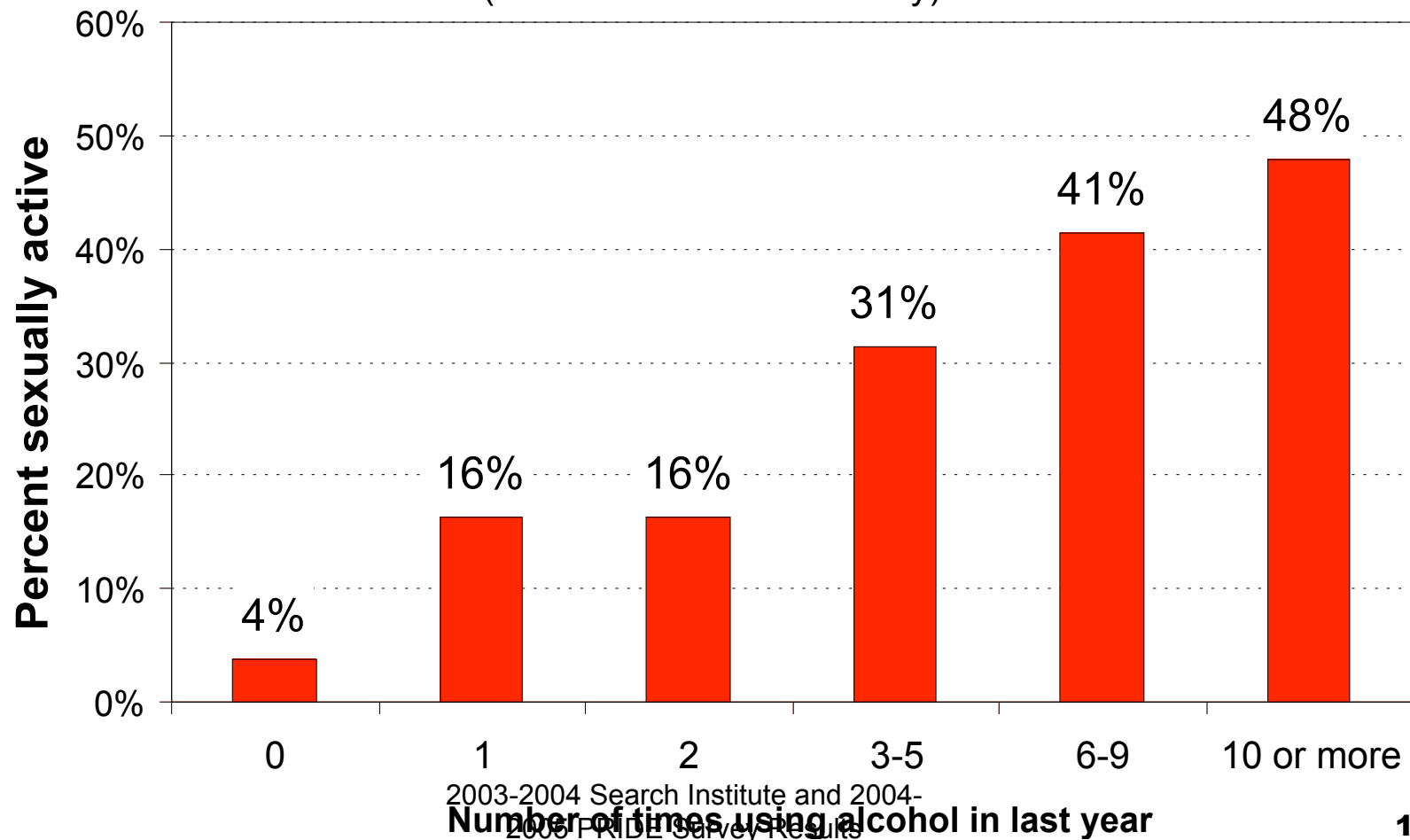
**2003 Search Survey**



2003-2004 Search Institute and 2004-2005 PRIDE Survey Results

# What's wrong with drinking?

Sexual activity highly correlated with alcohol use  
(2003-2004 Search Survey)





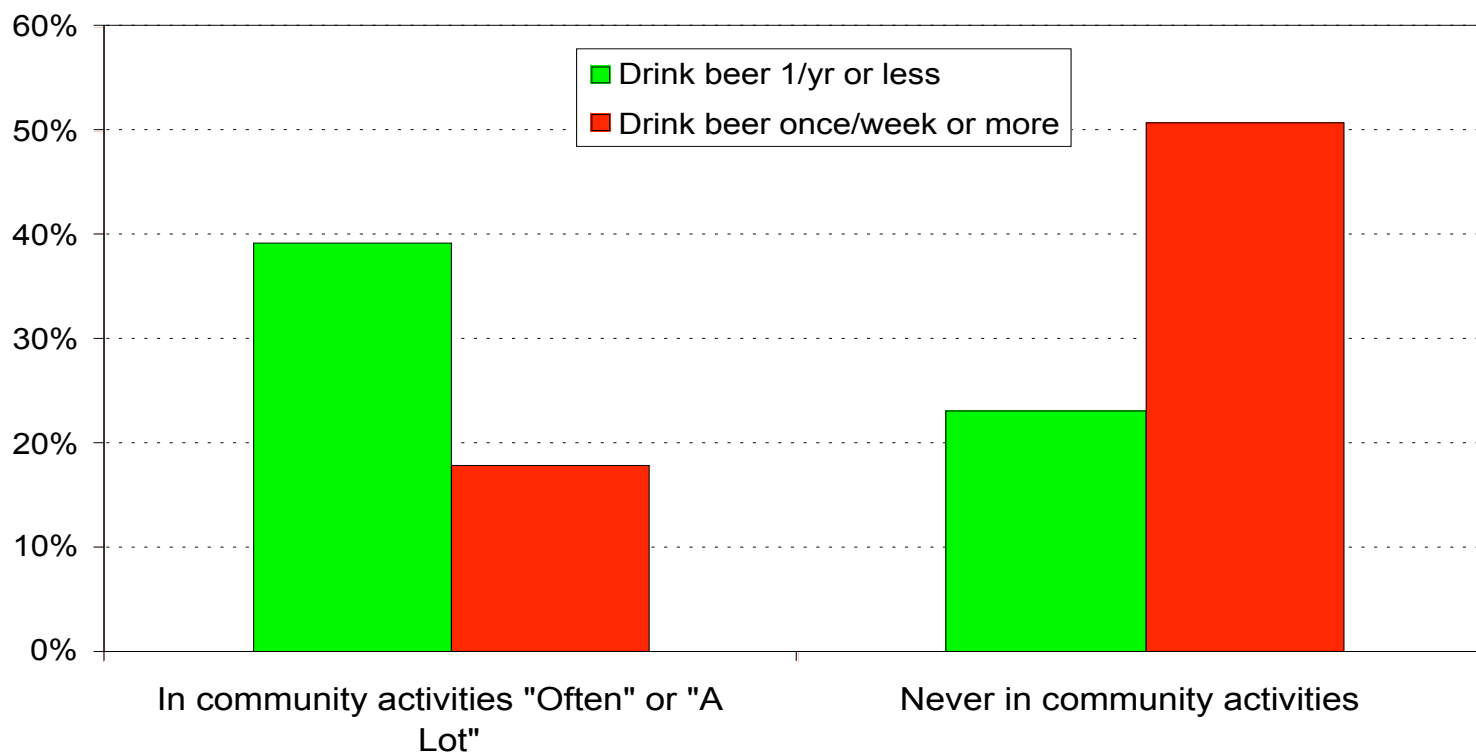
# Sexually Transmitted Depression – The New STD?

- A November 29, 2005 column by Warren Throckmorton, PhD, Associate Professor of Psychology at Grove City (PA) College.
- Nearly every discussion about sexual education focuses on preventing sexually transmitted diseases and pregnancy. However, recent research published in the *American Journal of Preventive Medicine* finds that, especially for girls, the discussion needs to include a third negative possibility: depression.
- The study by Dr. Denise Hallfors found that depression often follows risky behavior. For girls, the findings are stunning: Even low levels of alcohol, drug or sexual experimentation increased the probability of depression for girls.

# Participation in community activities cuts beer drinking by half

Participation in community activities is a protective factor against beer drinking

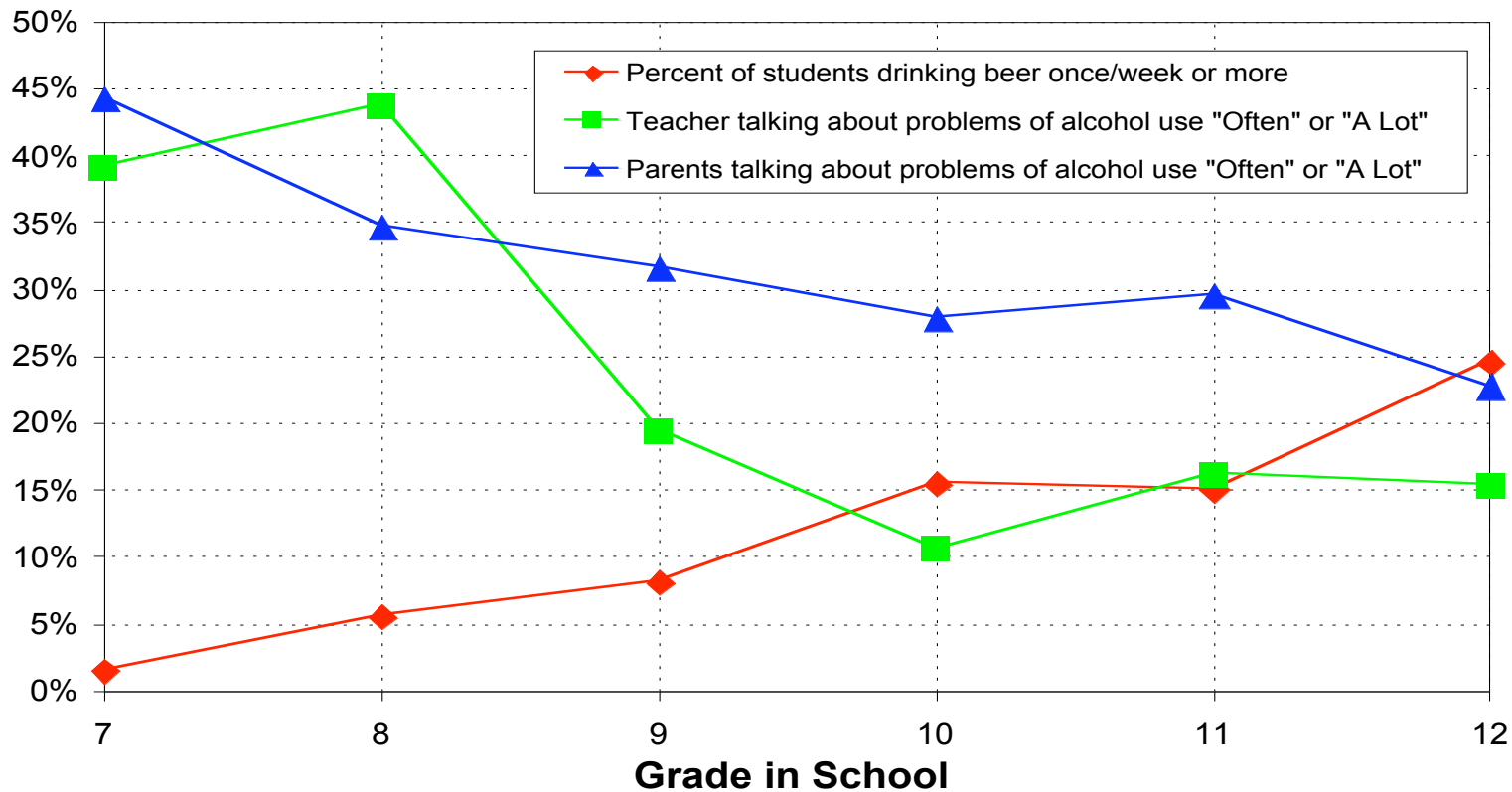
2004-2005 PRIDE Survey LAMS and LAHS



2003-2004 Search Institute and 2004-2005 PRIDE Survey Results

# Drinking increases when the “preaching” decreases

Increase in beer drinking and  
decrease in "sermons" with grade in school  
2004-2005 LAMS and LAHS PRIDE Survey



2003-2004 Search Institute and 2004-  
2005 PRIDE Survey Results



# Conclusions

- Survey numbers are credible
- Alcohol use is a serious problem
- Suicide is a serious problem
- Skipping school is under-reported
- Skipping school, getting in trouble at school and smoking are outward signs of problems – tips of icebergs
- Participation in school and community activities is a protective factor; playing sports is neutral



# Recommendations

- Continue to survey in secondary schools; we are a data-driven district
- Get help to students and families based on the identified outward signs of problems
- Parents and teachers need to increase “preaching” to high school students – is the high school health class given in the correct year?
- Spread the word – not the information to keep secret – make something happen/change!



# Beyond Data Gathering: E.A.S.E.

- Education
  - Inform young folks of the risks
  - Inform parents of what's going on
- Alternative Activities – Yeah Min!
- Sanctions – trigger to getting help
- Example – put positive youth leaders on a pedestal



# Backup slides



# Outline

- Why conduct PRIDE/Search/YYRS Surveys?
- History of ATOD Prevalence Surveys in LAPS
- Typical PRIDE Survey Question
- Credibility of Responses
- What are the Issues?
- Survey Findings
- Objective of Cross-Correlations
- Cross-Correlation Findings
- Conclusions and Recommendations



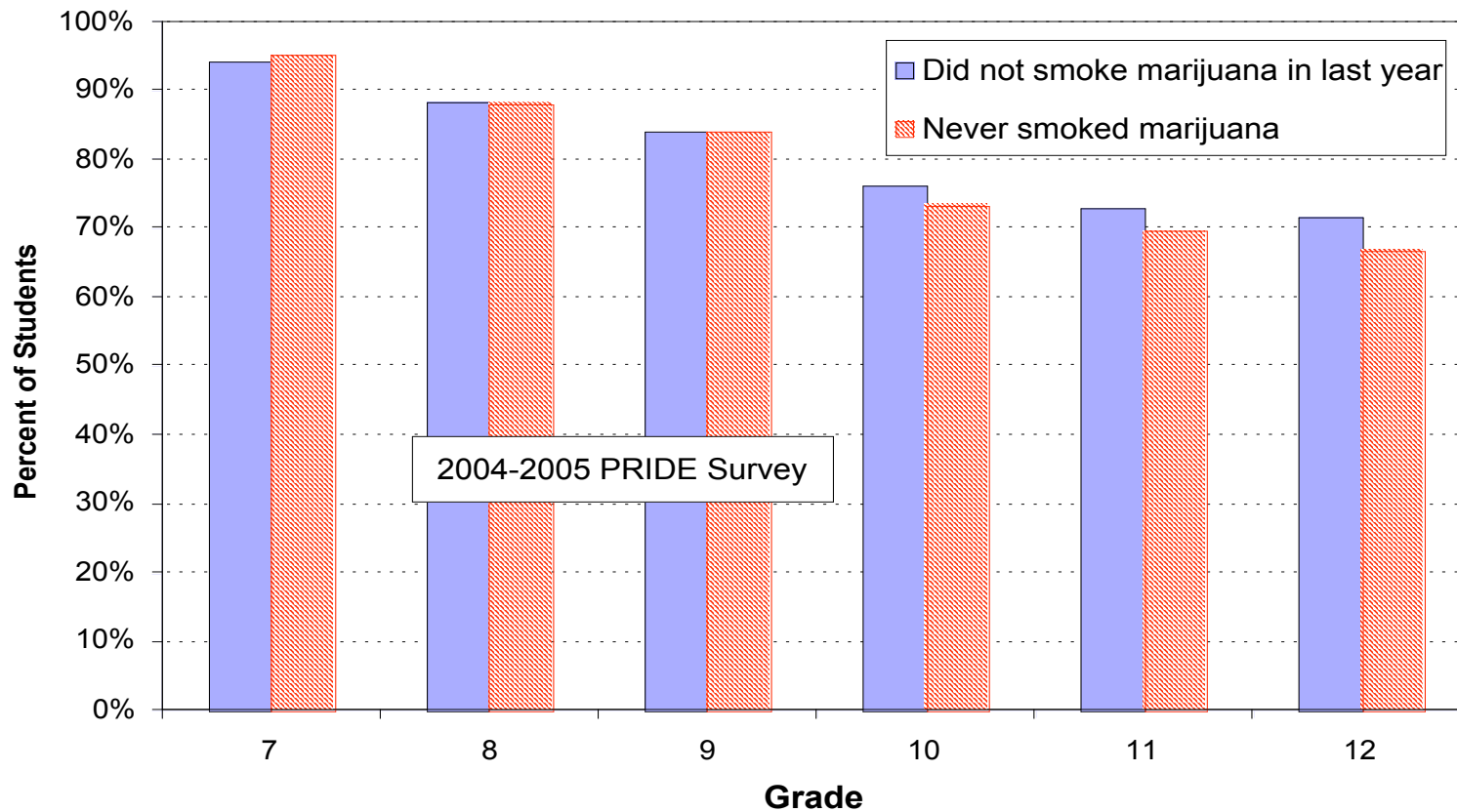
# Why survey?

- We are a data-driven school district
- Educate students, parents, school personnel and law enforcement about problem behaviors
- Educate parents about effectiveness of prevention techniques
- Develop the prevention curricula and other strategies for the schools and community
- Validate intervention clues for school officials, law enforcement and counselors
- Data used by agencies to secure grant funding

# Credibility: Trends in marijuana use with grade in school

Do students answer randomly?

Responses to two similar questions consistent to ~ 2%

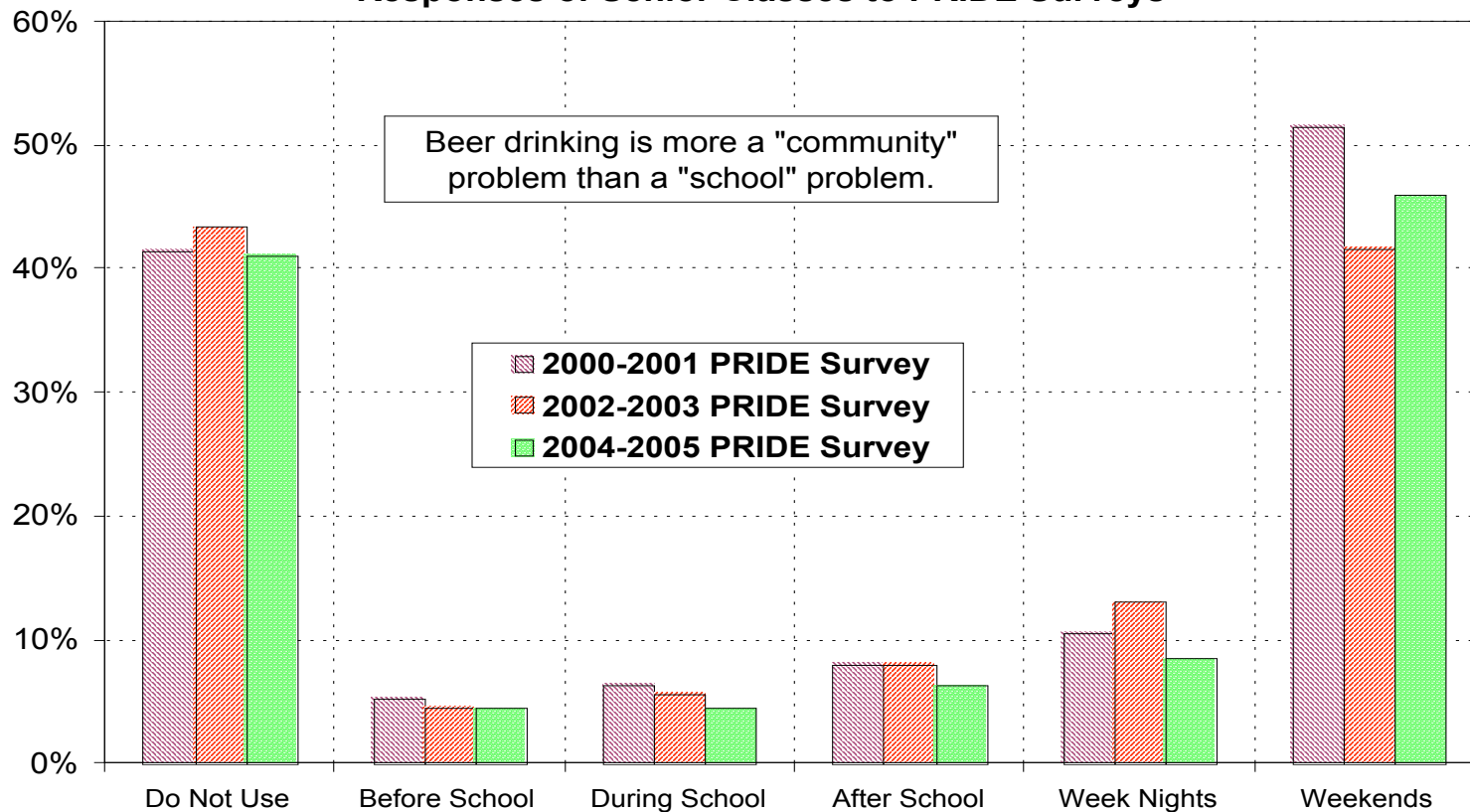


2003-2004 Search Institute and 2004-2005 PRIDE Survey Results

# Credibility – consistency in when students drink beer

## When Do Students Drink Beer?

Responses of Senior Classes to PRIDE Surveys

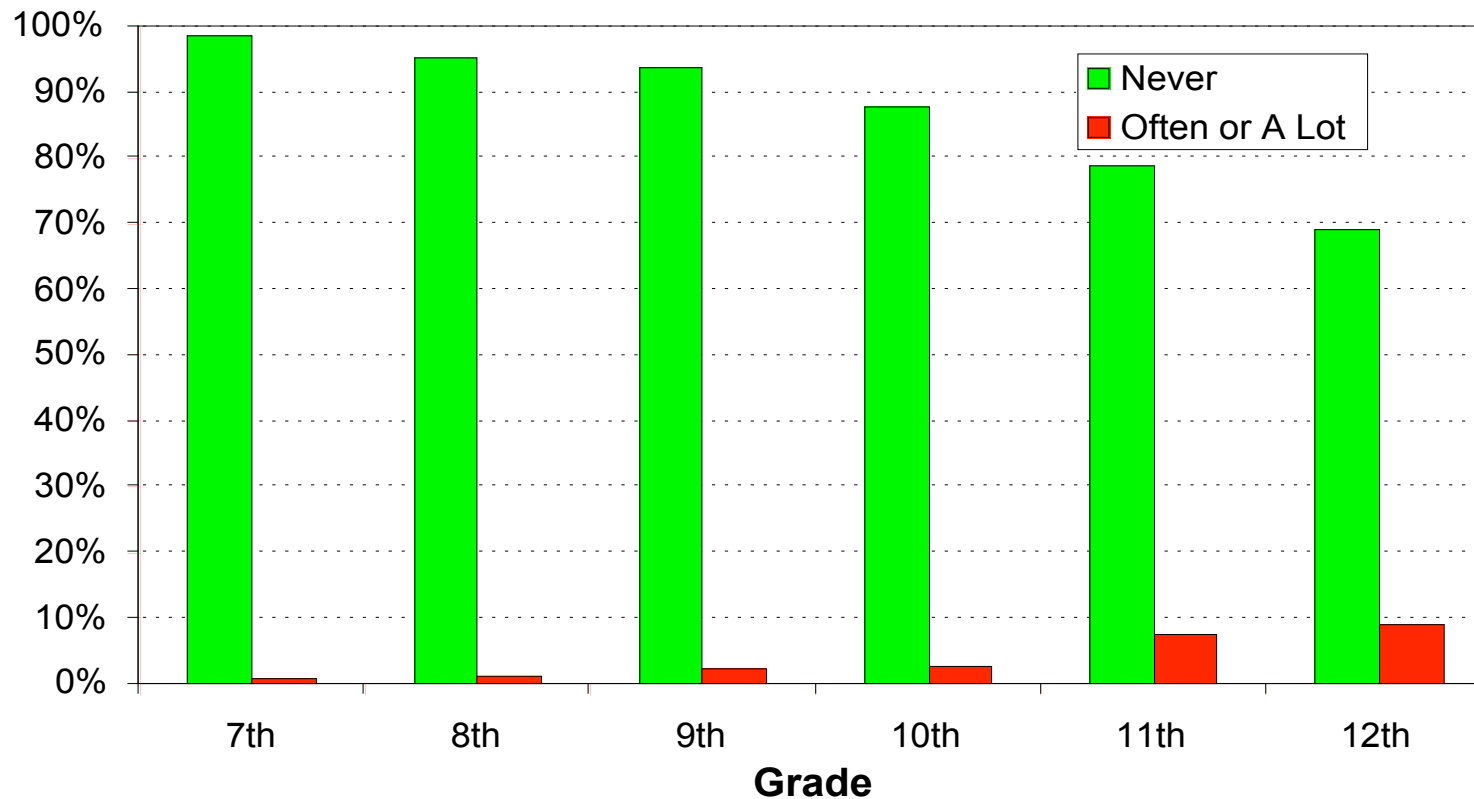


2003-2004 Search Institute and 2004-2005 PRIDE Survey Results



# Drinking and Driving DWI

Response to: "Have you driven a car  
after or while drinking alcohol?"  
2004-2005 PRIDE Survey LAMS and LAHS



2003-2004 Search Institute and 2004-  
2005 PRIDE Survey Results



# History of ATOD Prevalence Surveys (by graduation class)

## ■ PRIDE Surveys

- 1988
- 1989
- 1990
- 1991
- 1992
- 1993
- 1994
- 1995
- 1996
- 1999
- 2000
- 2001
- 2003
- 2005

## ■ Other Surveys

- *Search*
  - 1997
  - 2004
- *YYRS* (state survey)
  - 1998
  - 2002

# Typical PRIDE Survey question and actual percentage responses

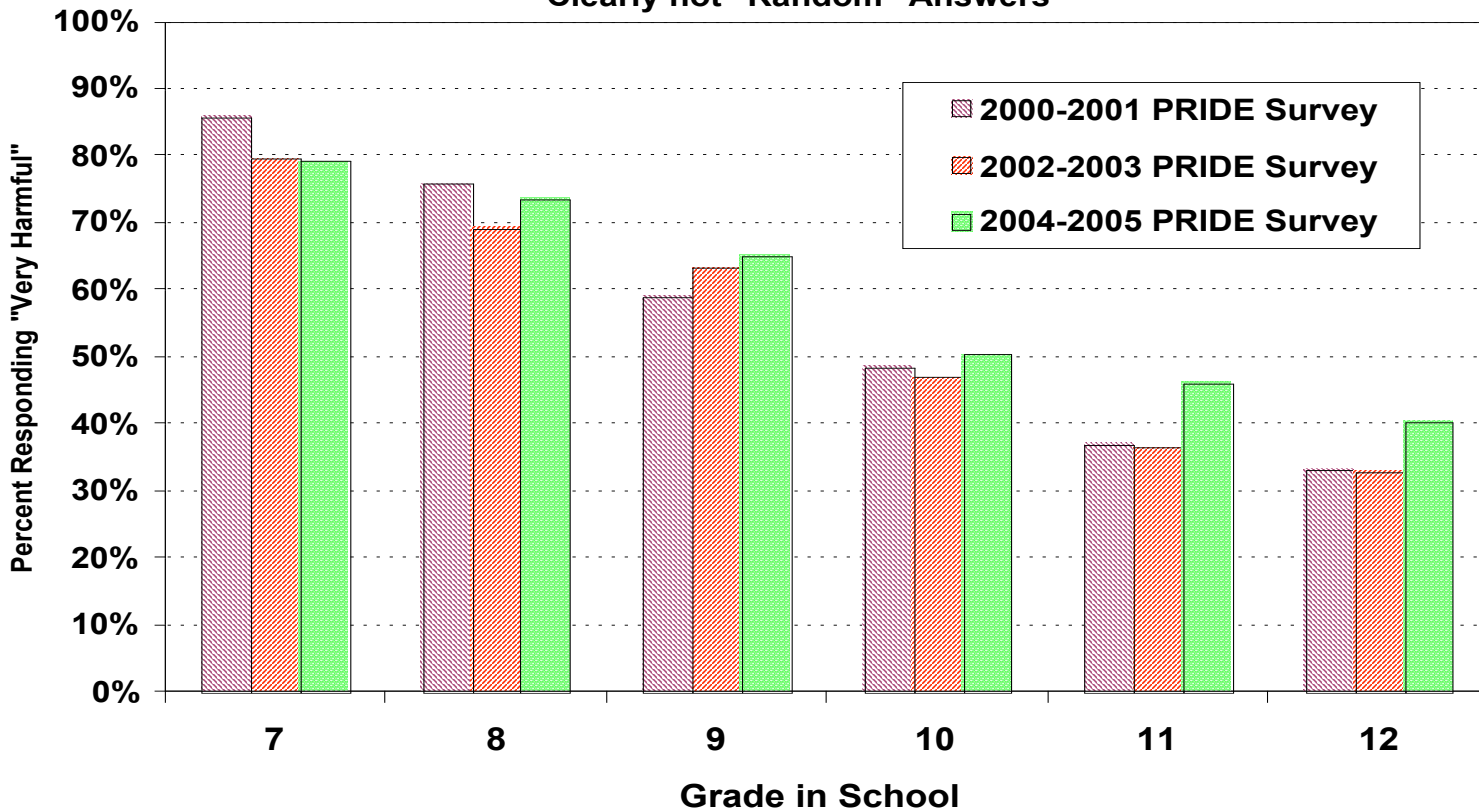
Q II.22 “Have you thought about committing suicide?”

Responses:

<u>Grade Level</u>	<u>N of Valid</u>	<u>N of Miss</u>	<u>Never</u>	<u>Seldom</u>	<u>Sometimes</u>	<u>Often</u>	<u>A Lot</u>
7th	266	4	72.2	12.8	11.7	0.8	2.6
8 <sup>th</sup>	284	4	58.8	19.0	11.3	4.6	6.3
9th	256	4	59.0	20.3	11.3	4.3	5.1
10th	248	1	62.5	17.3	10.5	2.8	6.9
11th	242	0	55.4	20.7	15.3	3.7	5.0
12th	221	3	55.2	20.8	12.7	5.9	5.4
Jr Hi	550	8	65.3	16.0	11.5	2.7	4.5
Sr Hi	967	8	58.1	19.8	12.4	4.1	5.6
Total	1517	16	60.7	18.4	12.1	3.6	5.2

# Credibility: Trends in perception of harm with grade in school

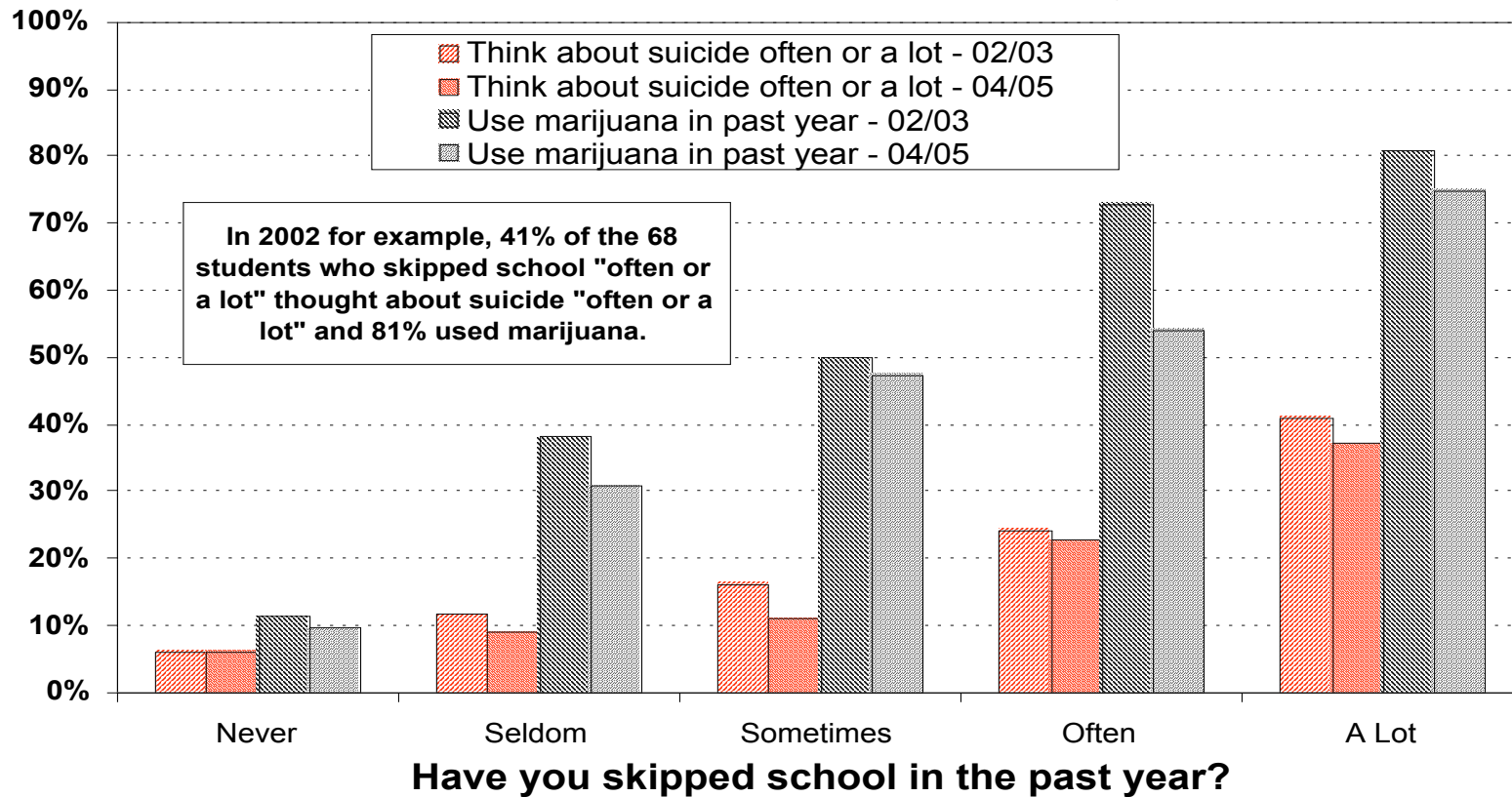
Is it Harmful To Use Marijuana?  
Perception of Harm Decreases With Grade  
Clearly not "Random" Answers



2003-2004 Search Institute and 2004-2005 PRIDE Survey Results

# Credibility – consistent indicators from year to year

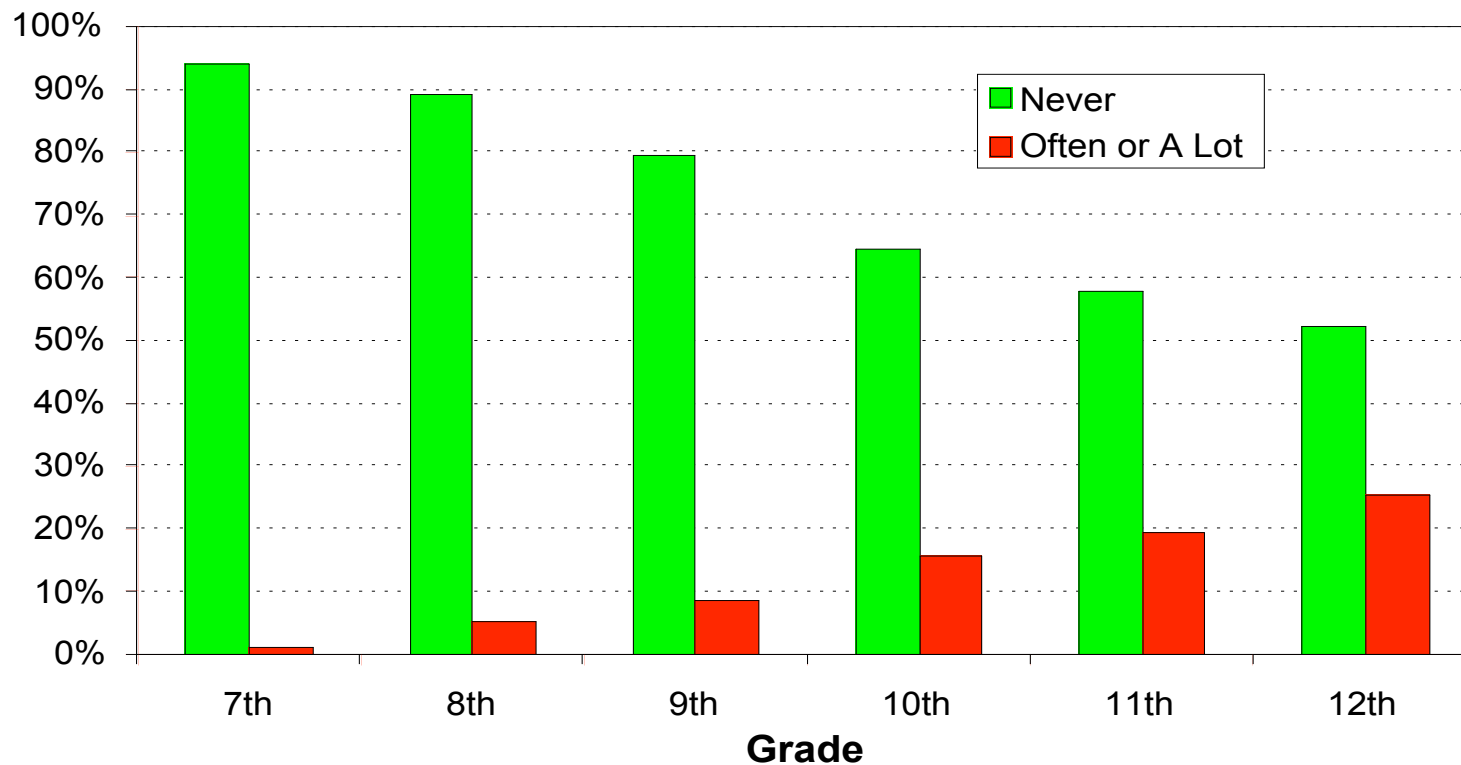
Consistency in correlation between "skipping school" and "thinking about suicide often or a lot" and "using marijuana in past year"  
2002-2003 and 2004-2005 LAHS PRIDE Surveys



# Binge drinking, not social drinking

## Binge Drinking

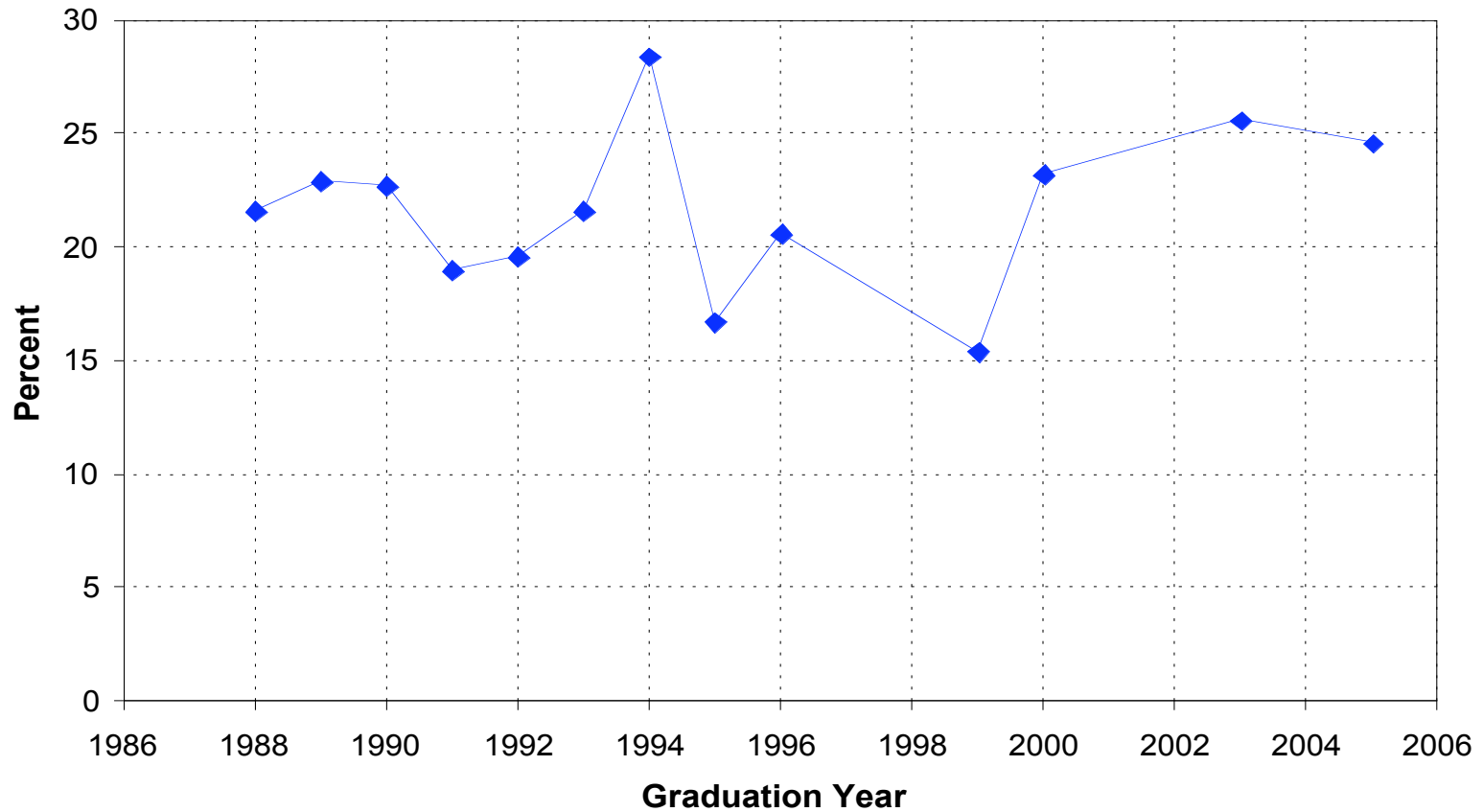
Response to: "Have you had 5 or more glasses of beer, wine or liquor within a few hours?"  
2004-2005 PRIDE Survey LAMS and LAHS





# Trend in percentage of graduating seniors drinking beer once per week or more

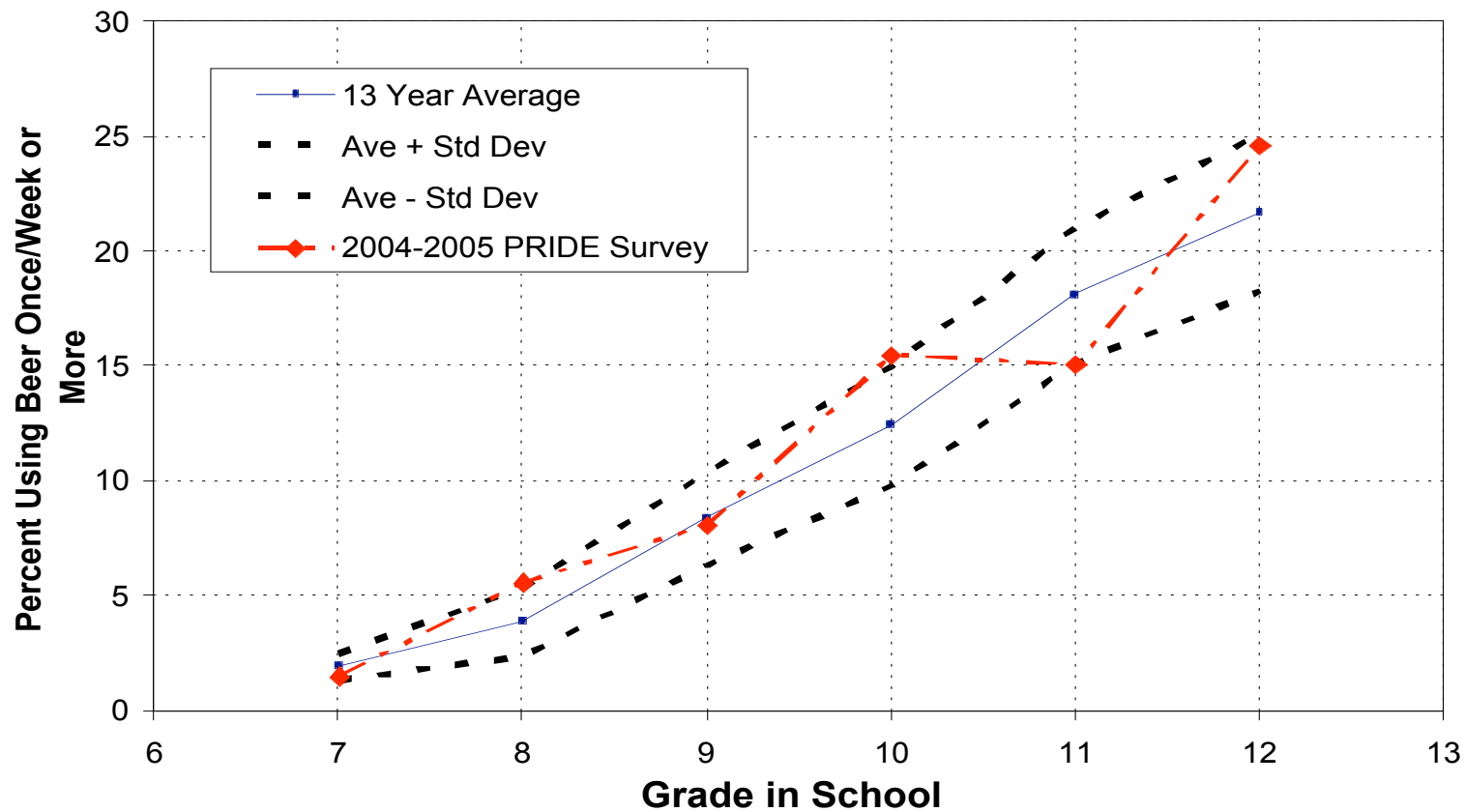
Percent of seniors drinking beer once/week or more



2003-2004 Search Institute and 2004-2005 PRIDE Survey Results

# Trend in drinking beer once/week or more with grade in school

Comparing Latest PRIDE Survey to Previous Results  
Percent Using Beer Once per Week or More

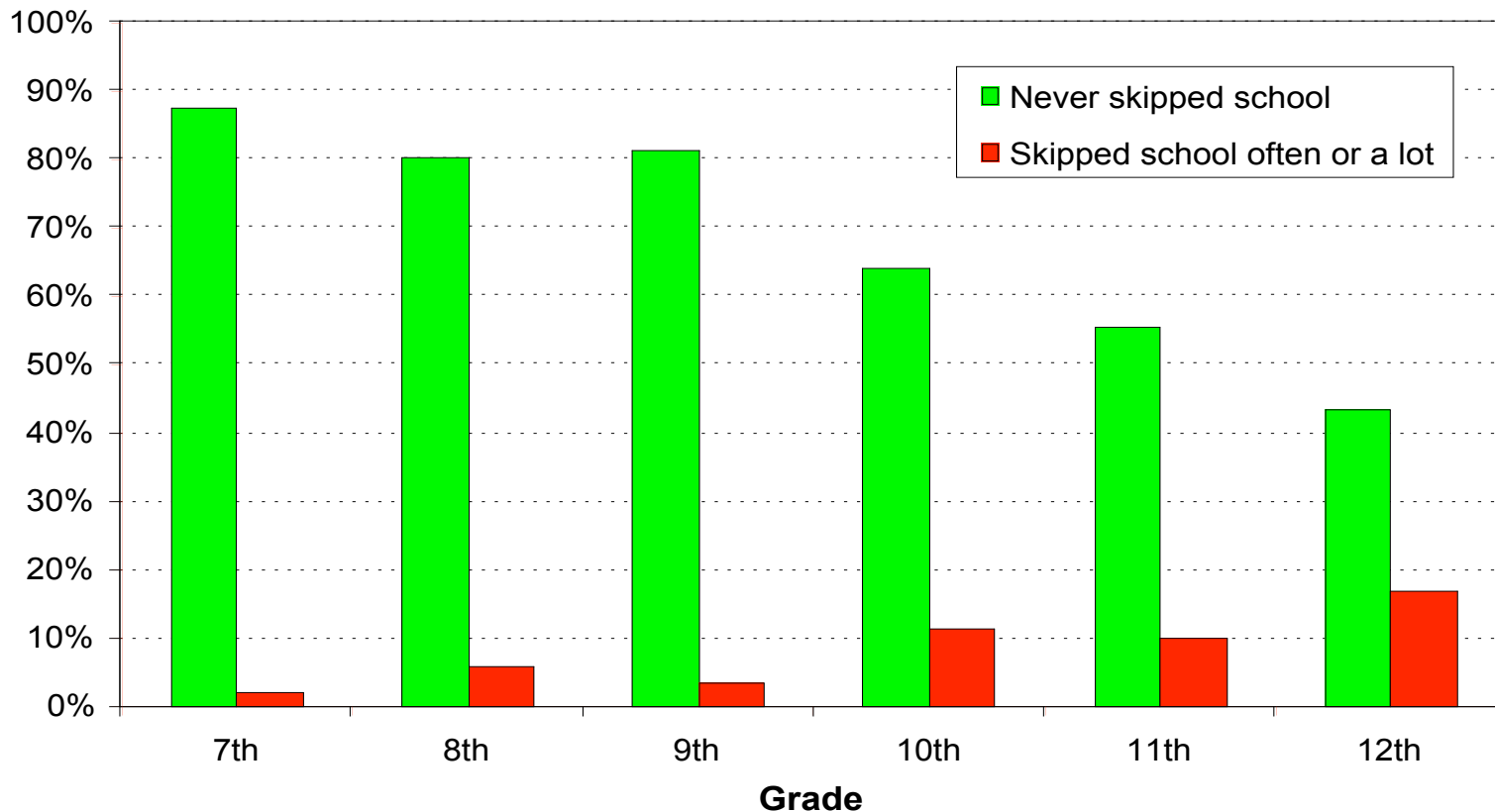


2003-2004 Search Institute and 2004-2005 PRIDE Survey Results

# Over 10% of 10<sup>th</sup> to 12<sup>th</sup> graders are skipping classes “often” or “a lot” – role of driver’s licenses?

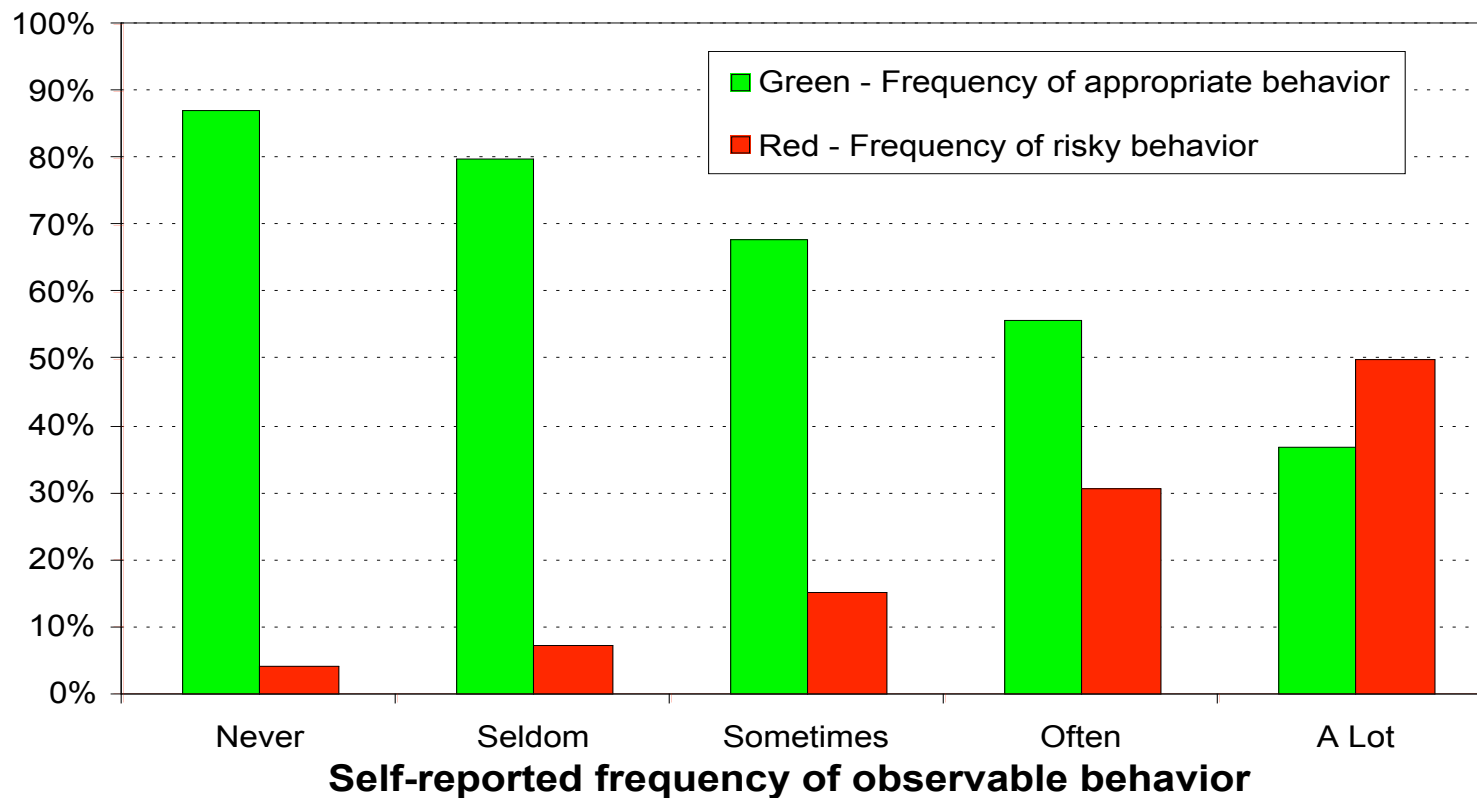
## Are LAPS students skipping school?

Response to "Have you skipped school in the past year?"  
PRIDE Survey 2004-2005



# Objective of Cross-correlating PRIDE Survey Data: Find the tip of the iceberg (example data)

Using observable behavior to detect problem behaviors  
Self-reported frequency of risky, hidden behavior  
PRIDE Survey 2004-2005

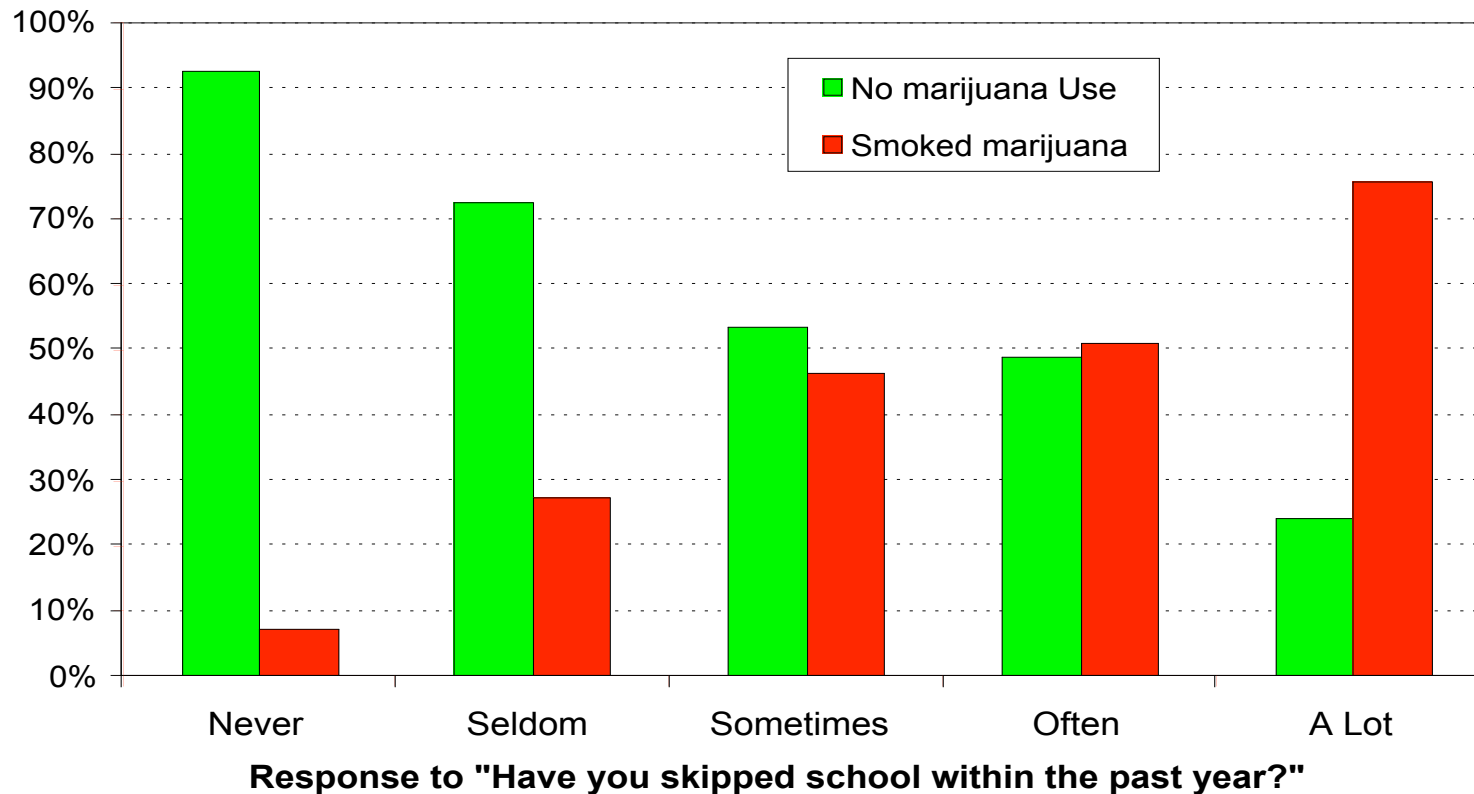


# Skipping classes correlated with marijuana use

Students skipping school more likely to have used marijuana

Response to "Within the past year how often have you smoked marijuana?"

PRIDE Survey 2004-2005 LAMS and LAHS

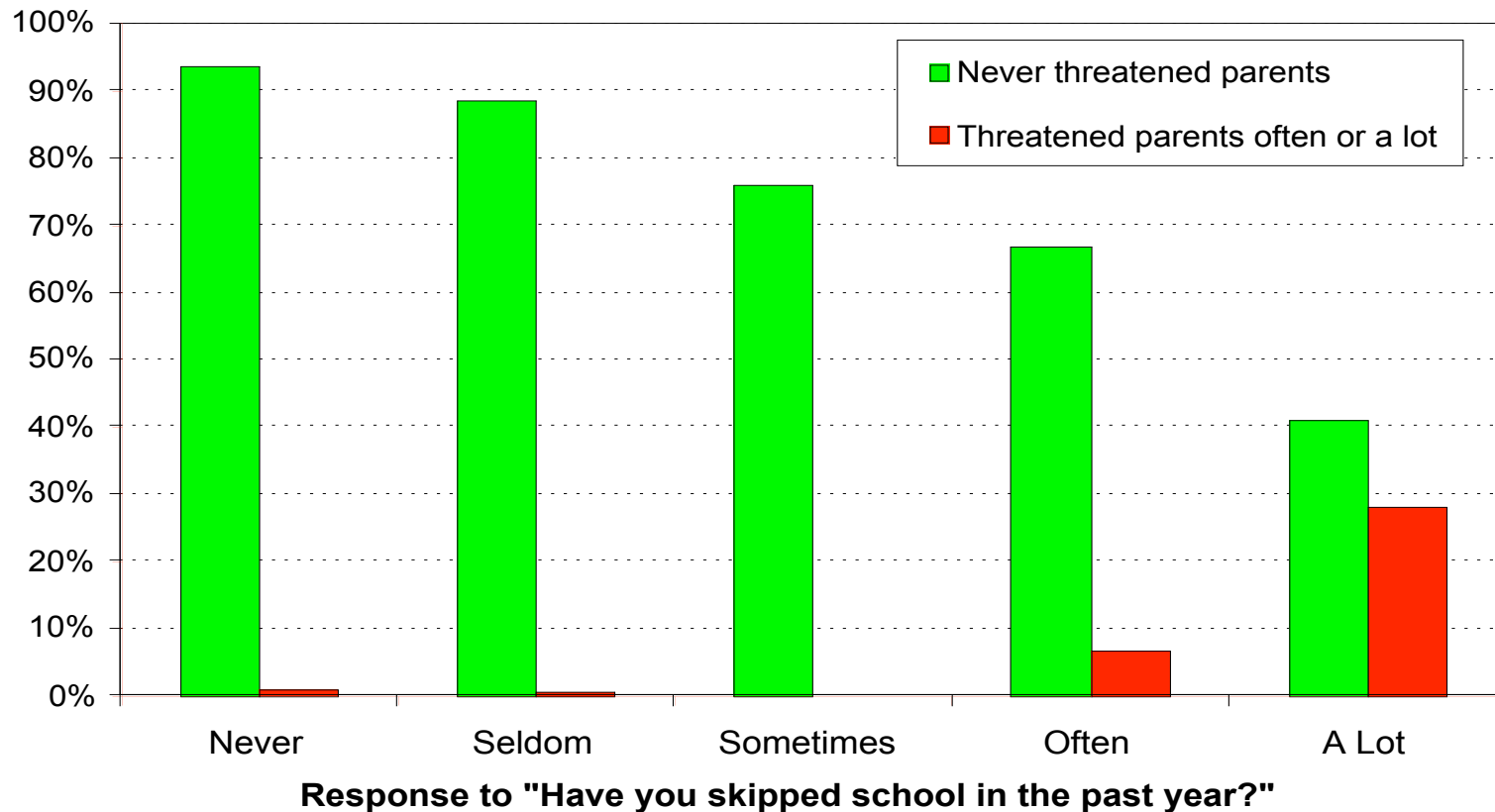


# Skipping classes correlated with threatening harm to parents

Children skipping school are also threatening parents guardians, etc.

Response to "Have you threatened to harm one or both of your parents, guardians, etc?"

PRIDE Survey 2004-2005 LAMS and LAHS

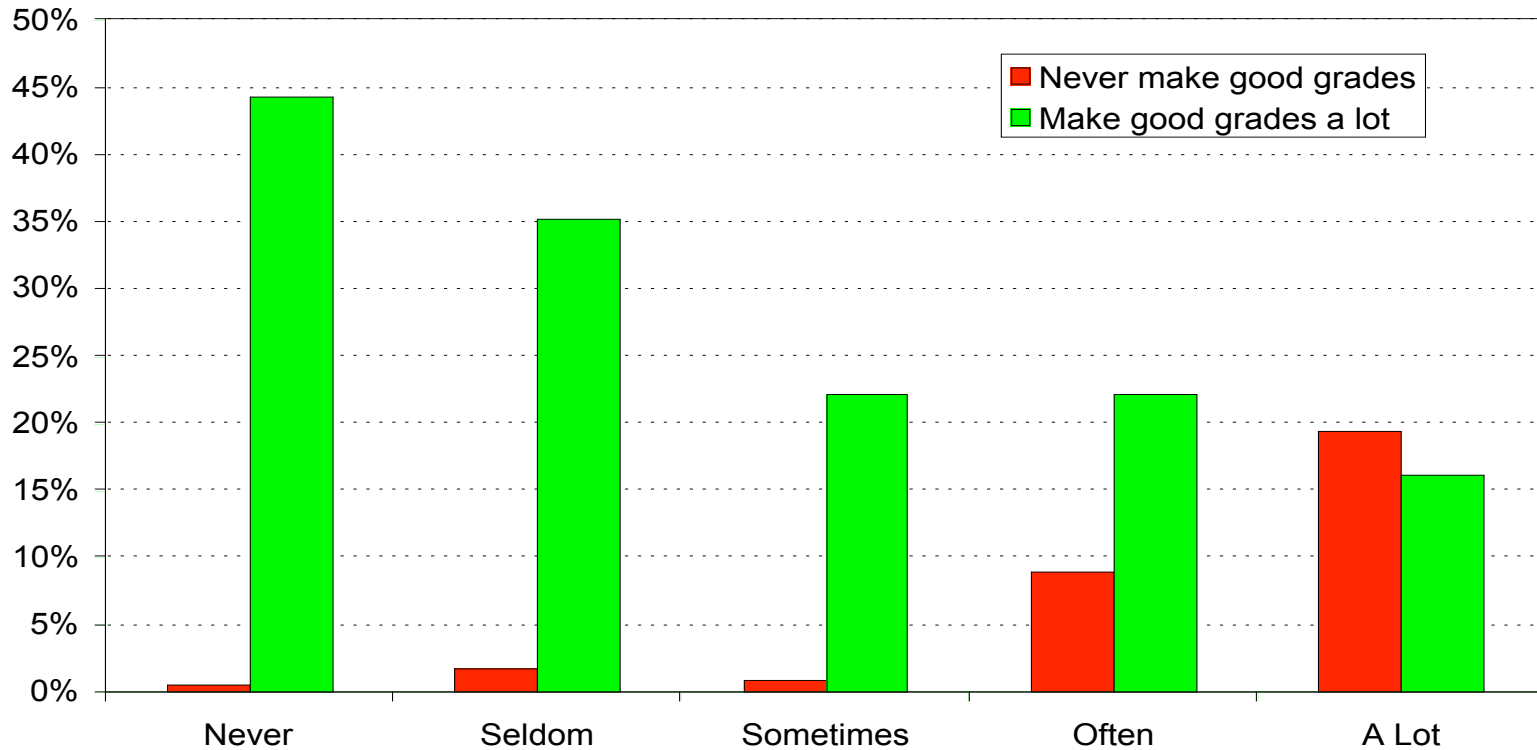


# Poor grades correlated with skipping classes

**Does skipping school affect grades?**

Response to "Do you make good grades?"

PRIDE 2004-2005 LAMS and LAHS

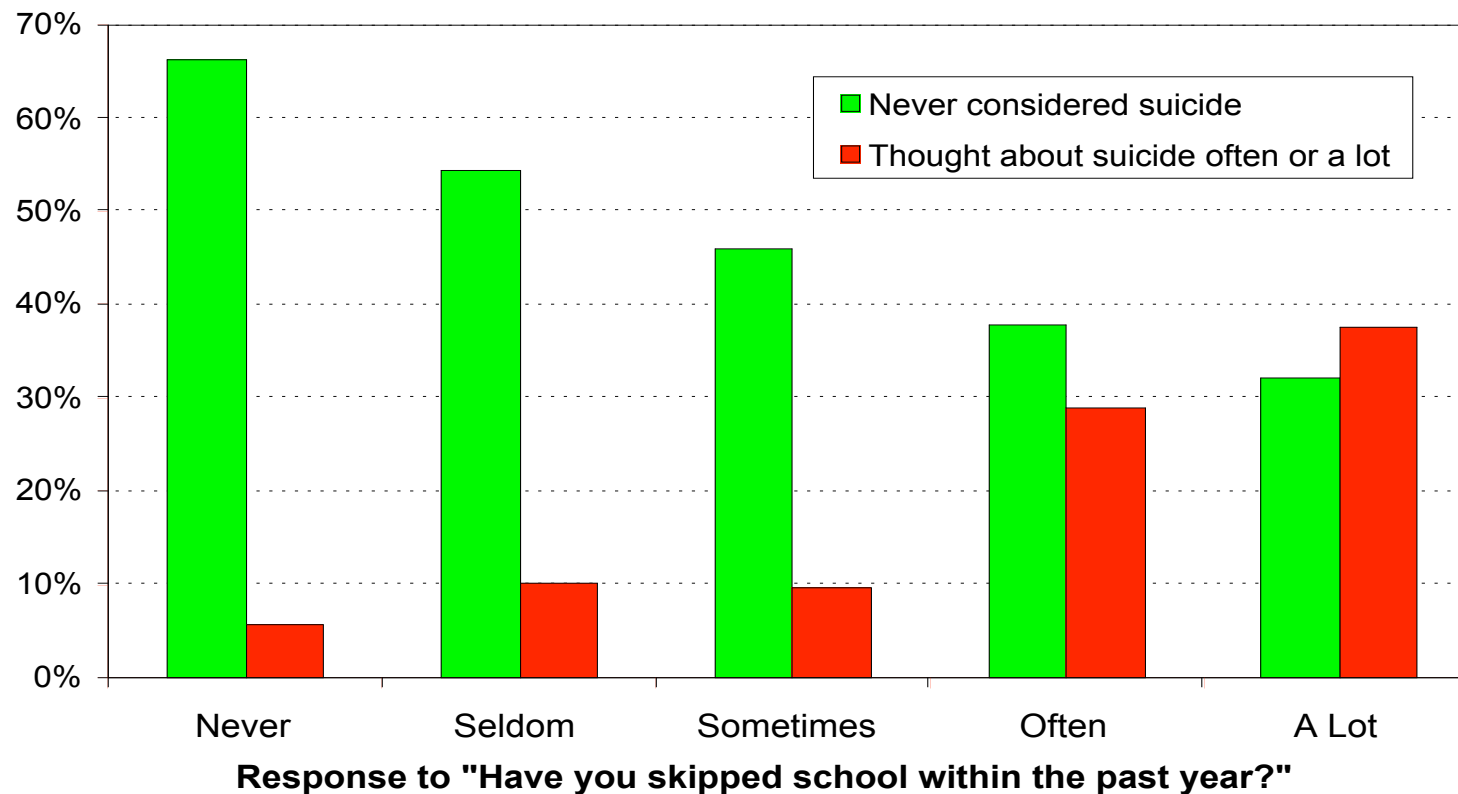


**Response to "Have you skipped school in the past year?"**

2003-2004 Search Institute and 2004-  
2005 PRIDE Survey Results

# Skipping classes correlated with thinking about committing suicide

Students skipping school are thinking about committing suicide  
Response to "Have you thought about committing suicide?"  
PRIDE Survey 2004-2005 LAMS and LAHS



2003-2004 Search Institute and 2004-2005 PRIDE Survey Results

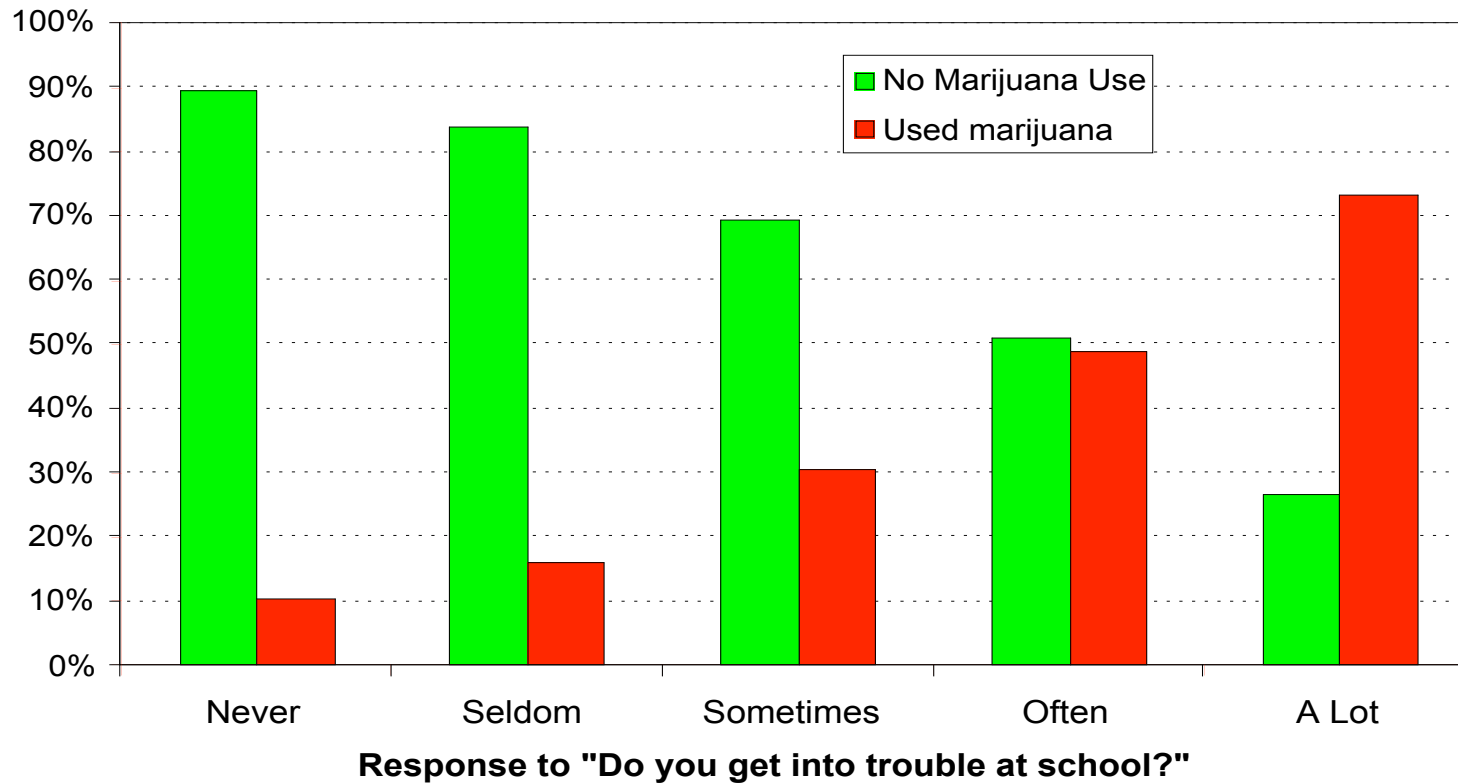


# “Trouble at school” as a measure of hidden problems

- “Trouble at school” correlated with trouble at home
- “Trouble at school” correlated with trouble with the police
- “Trouble at school” correlated with using marijuana
- “Trouble at school” correlated with thinking about committing suicide “Often” or “A lot”

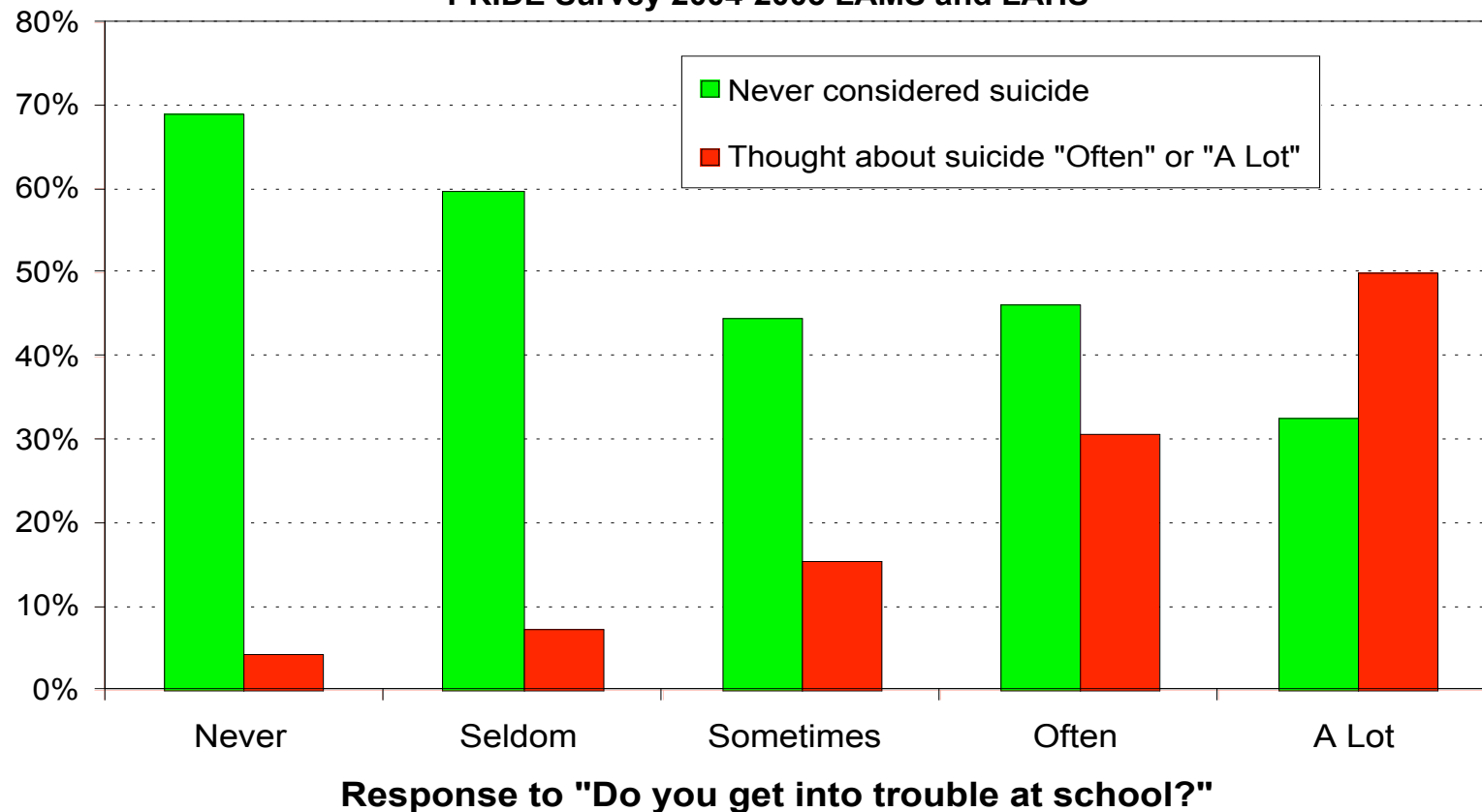
# Trouble at school correlated with marijuana use

Students in trouble at school more likely to have used marijuana  
Response to "Within the past year how often have you smoked marijuana?"  
PRIDE Survey 2004-2005 LAMS and LAHS



# Trouble at school correlated with thinking about committing suicide

Students in trouble at school are those thinking about committing suicide  
Response to "Have you thought about committing suicide"  
PRIDE Survey 2004-2005 LAMS and LAHS



2003-2004 Search Institute and 2004-2005 PRIDE Survey Results

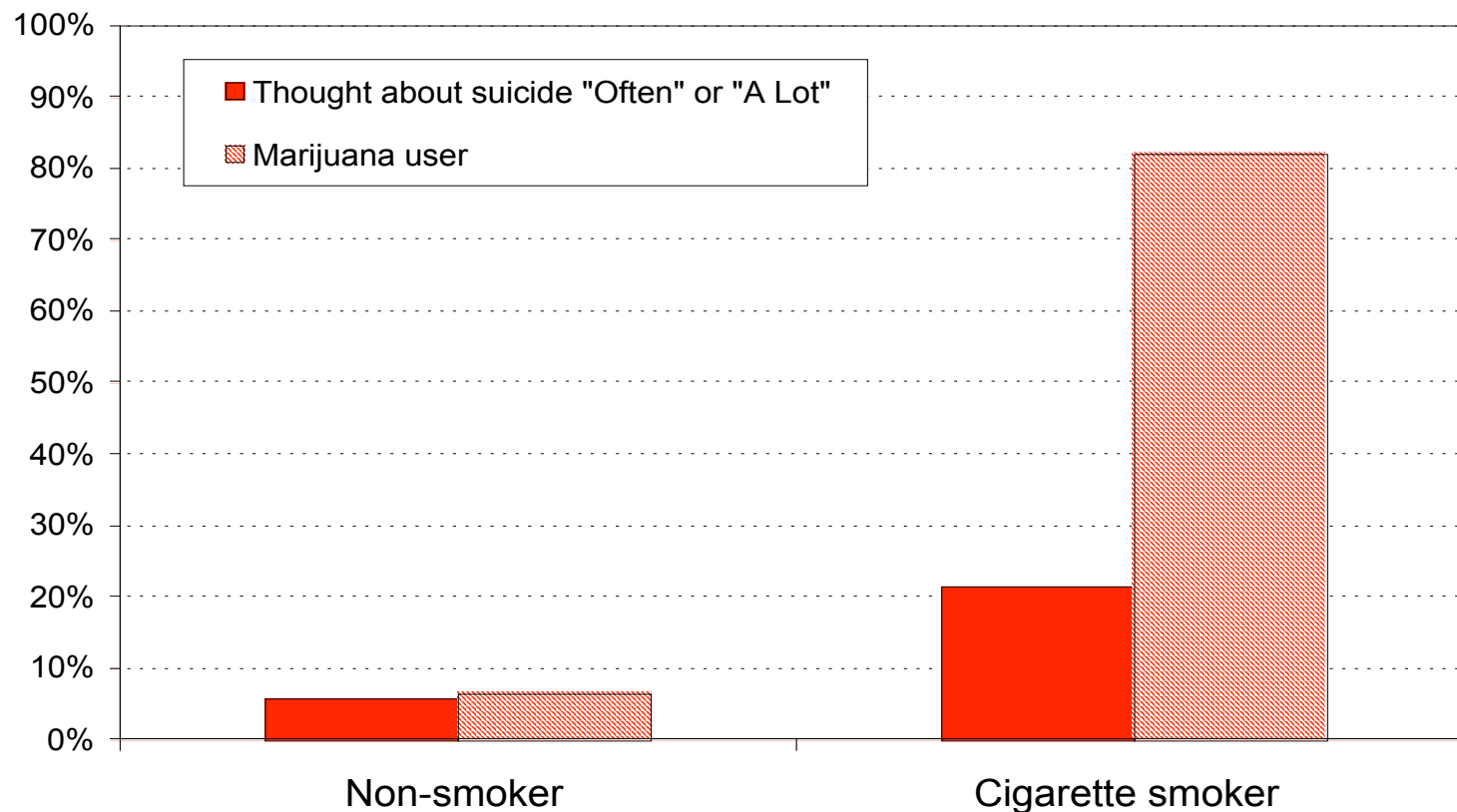


# Cigarette smoking as a measure of hidden problems

- Cigarette smoking correlated with using marijuana
- Cigarette smoking correlated with thinking about committing suicide “Often” or “A lot”

# Smoking an indicator of marijuana use and suicide consideration

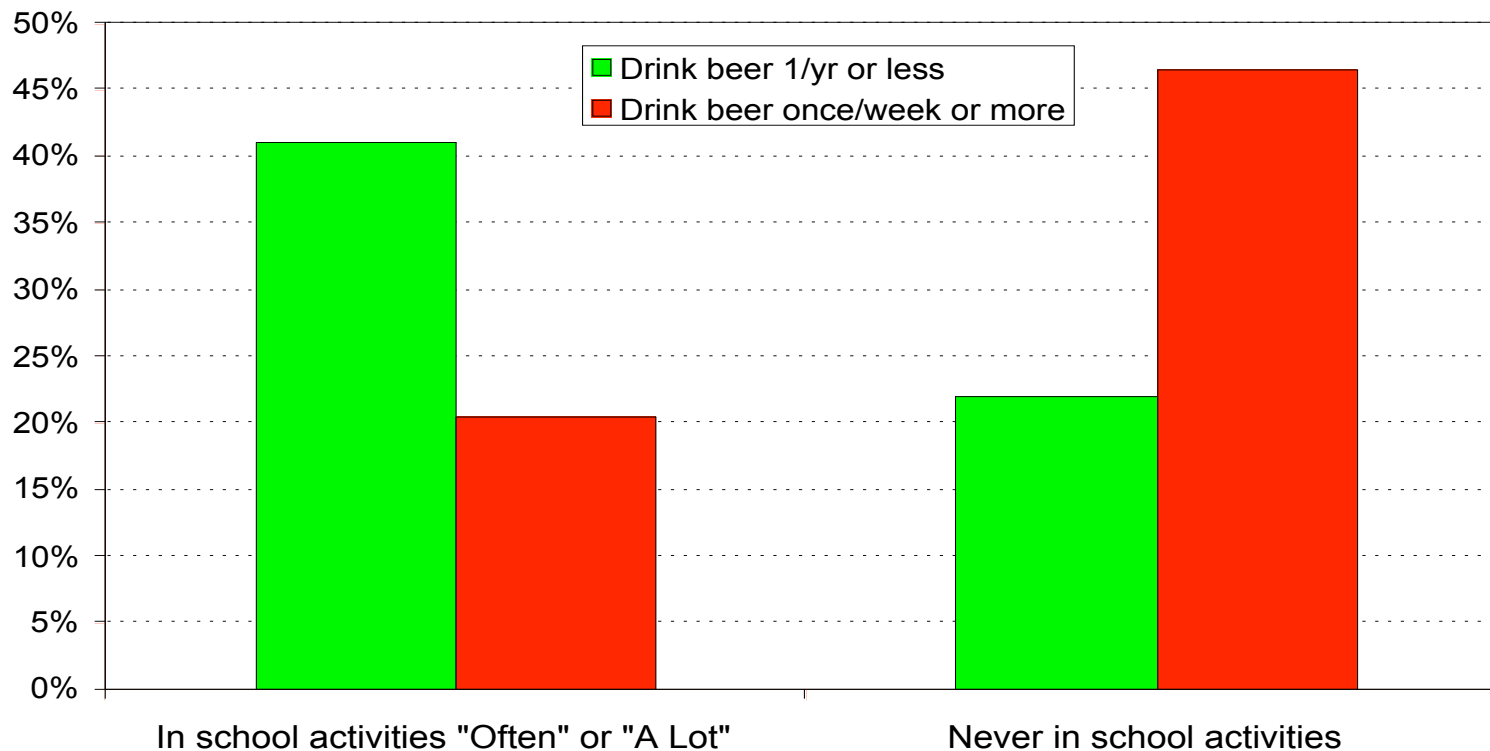
Smokers more likely to be considering suicide and smoking marijuana  
Responses to "suicide" and "marijuana use" questions  
2004-2005 PRIDE Survey at LAMS and LAHS



2003-2004 Search Institute and 2004-2005 PRIDE Survey Results

# Participation in school activities cuts beer drinking by half

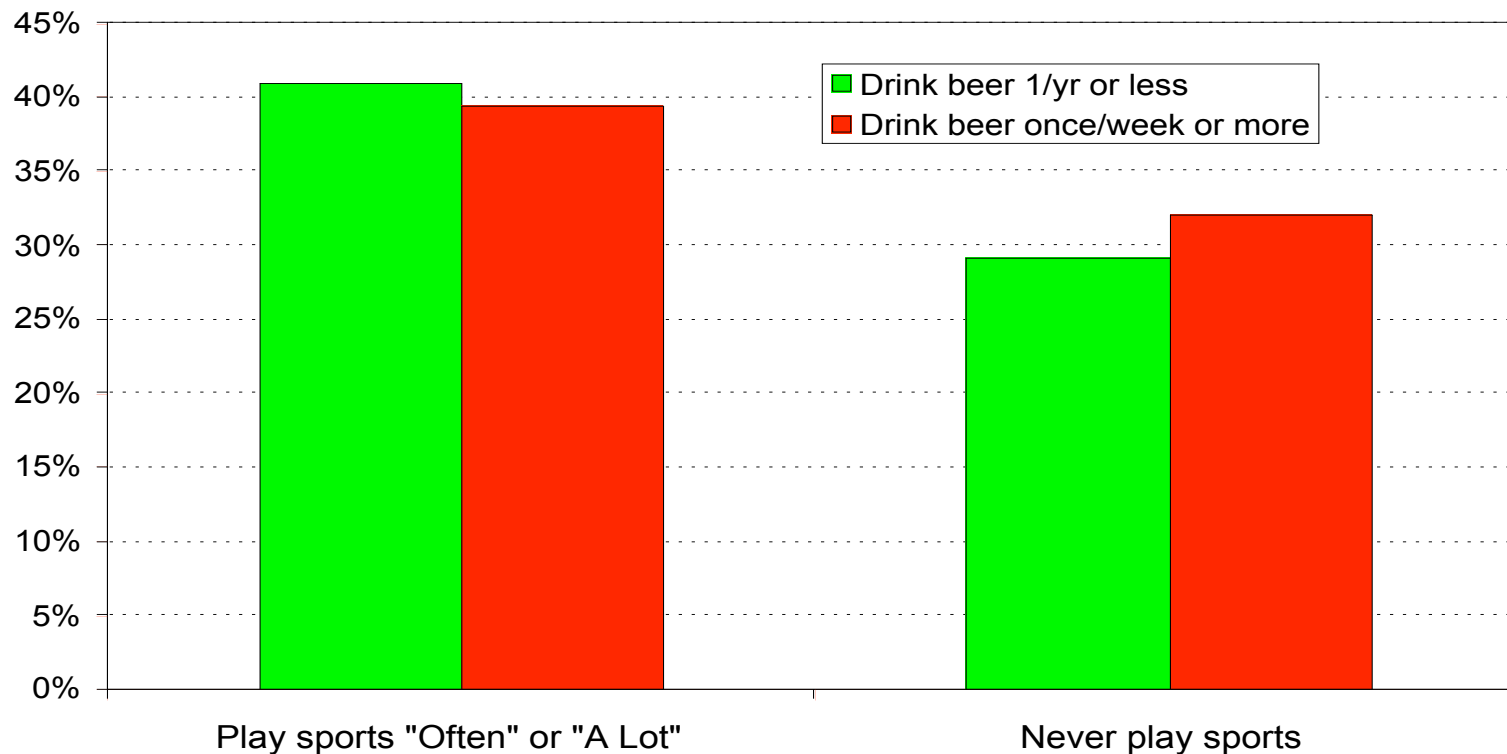
**Participation in school activities  
is a protective factor against beer drinking**  
2004-2005 PRIDE Survey LAMS and LAHS



2003-2004 Search Institute and 2004-  
2005 PRIDE Survey Results

# Participating in sports neither helpful nor hurtful with respect to beer drinking

**Playing sports and beer drinking uncorrelated**  
**Essentially the same percentage of students in each category**  
2004-2005 PRIDE Survey LAMS and LAHS



2003-2004 Search Institute and 2004-2005 PRIDE Survey Results