

Epidemiological profile on alcohol

A summary of key findings about patterns of alcohol consumption and its consequences in Oregon



Purpose of the epidemiological profiles

- Summarize the nature magnitude and distribution of alcohol, drug and tobacco use and related consequences in Oregon
 - Use data that has been collected and reported in a consistent (valid and reliable) manner for at least three years

Methodology

- Examine preventable consequences first, then focus on consumption indicators with a causal relationship
- Findings are described based on:
 - The magnitude or size of the problem
 - Improving or worsening trends
 - Comparison of Oregon to the United States
 - Differences based on age and/or gender
 - Severity of consequences or consumption

Alcohol constructs

Consequences

- Alcohol-induced disease mortality
- Motor vehicle fatalities
- Alcohol dependence or abuse

Consumption

- Per capita consumption
- Adult alcohol use
- Driving while impaired
- Underage drinking
- Age of initial use

What we learned about...

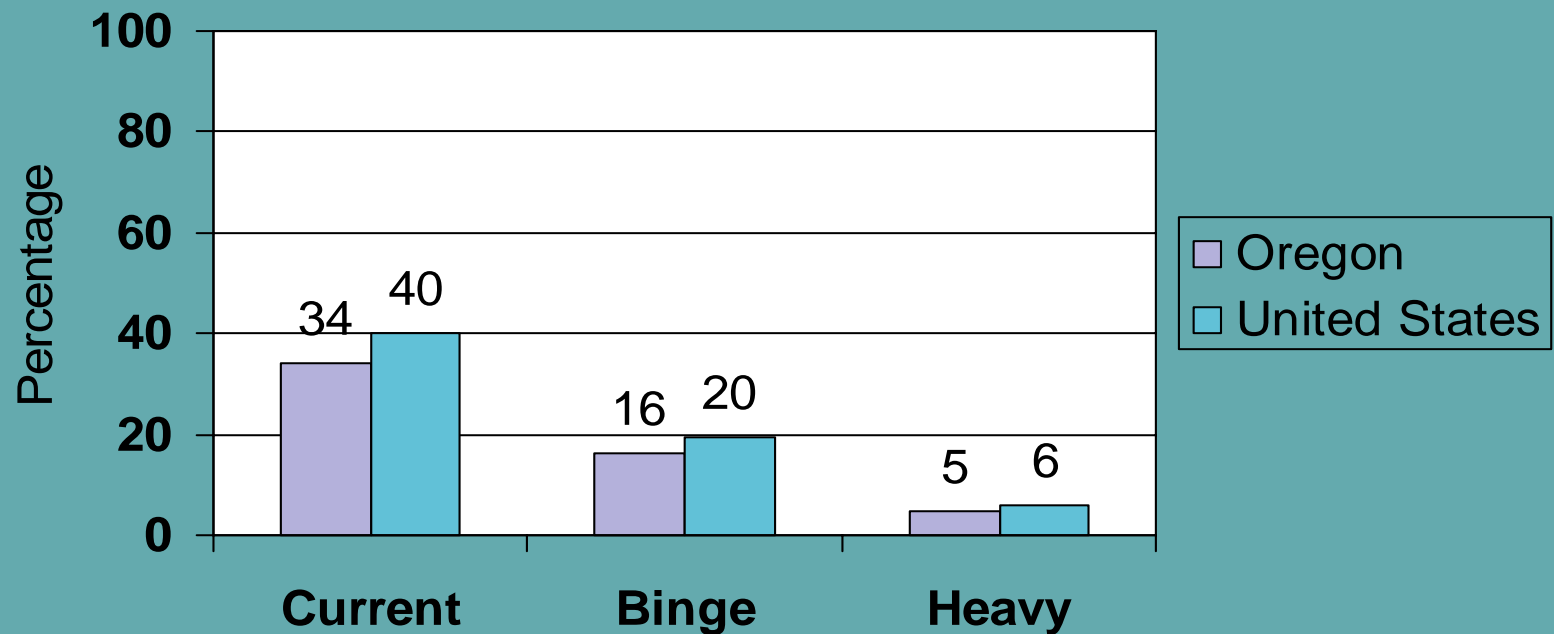
- Consequences of alcohol use
 - Oregon's rate of alcohol dependence or abuse is about the same as that of the nation
 - Oregon's death rate due to alcohol-induced disease is higher than the nation's
 - The percent of motor vehicle fatalities that involve drivers who were legally drunk has changed little in the past 10 years
 - Alcohol consumption has more negative effects for men than women

What we learned about...

- Adult alcohol consumption in Oregon
 - Per capita consumption of alcohol is slightly higher than the nation
 - Overall, the rates of adult binge drinking and heavy drinking are about the same as the United States
 - About 2/3 of men and 1/2 of women drink each month
 - Men are about twice as likely to binge as women (18.7 vs. 9.5 percent)
 - Rate of heavy drinking is about the same for men and women (5 to 6 percent)
 - Unlike smoking, more education and higher income are associated with increased likelihood of drinking

Underage drinking, 18 to 20

Alcohol Use Among 18 to 20 Year olds in Oregon and the United States, 2005

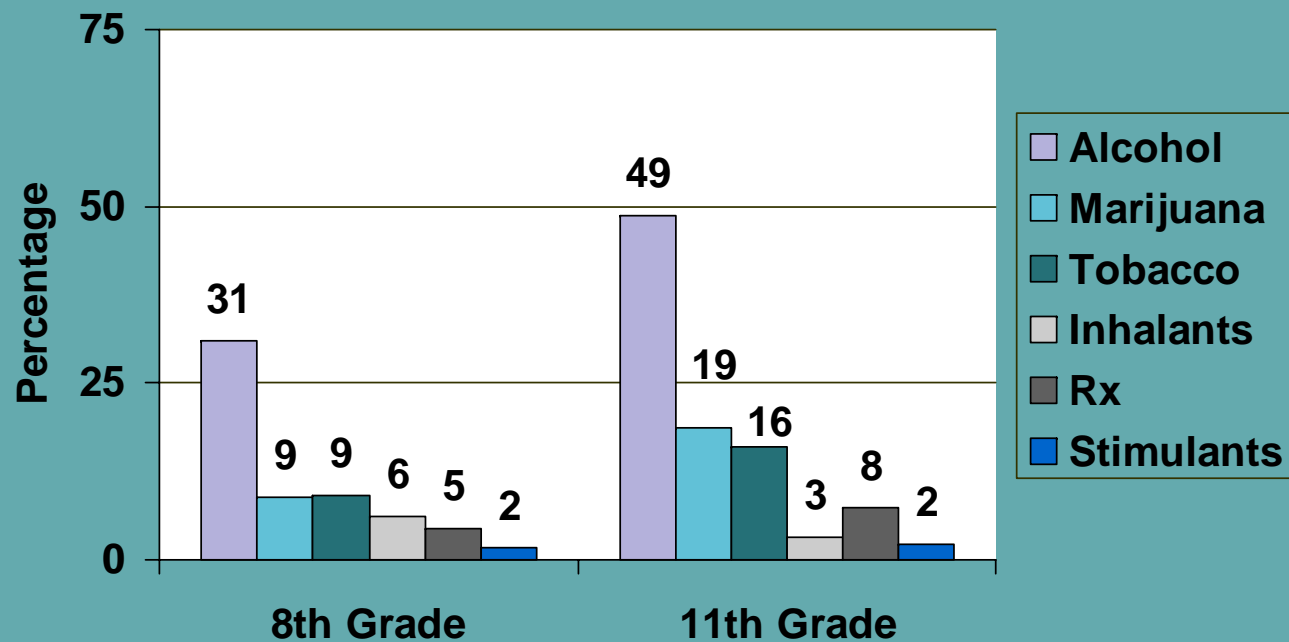


Alcohol use by youth

- Oregon has higher rates of alcohol use than the nation
- Alcohol use by Oregon youth has gender-specific and age-specific differences
 - In 8th grade females are at greater risk
 - By 11th grade male alcohol use surpasses female use

Past month ATOD use by youth

Past month ATOD use by Oregon youth,
2007

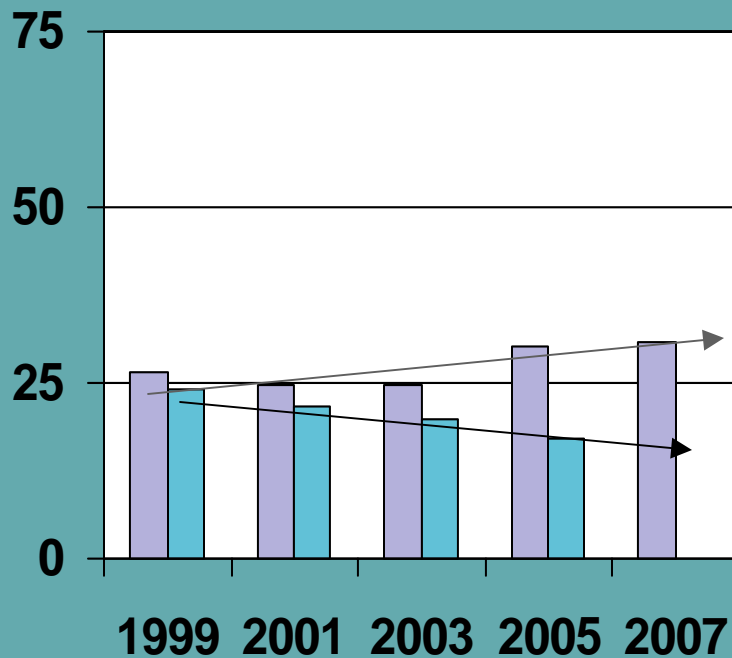


Data Source: Oregon Healthy Teens Survey, 2007

Past Month Alcohol Use by Youth

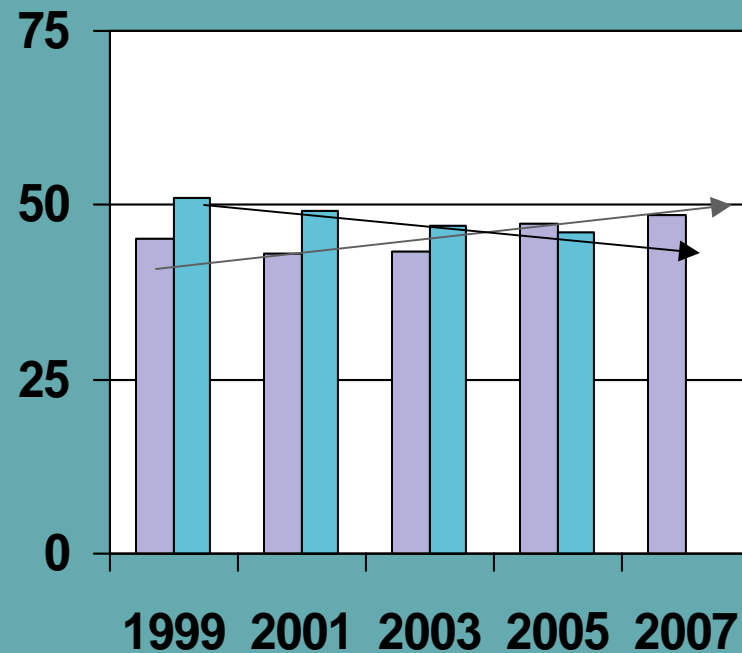
8th Graders

Legend: Oregon (purple), U.S. (blue)



11th Graders

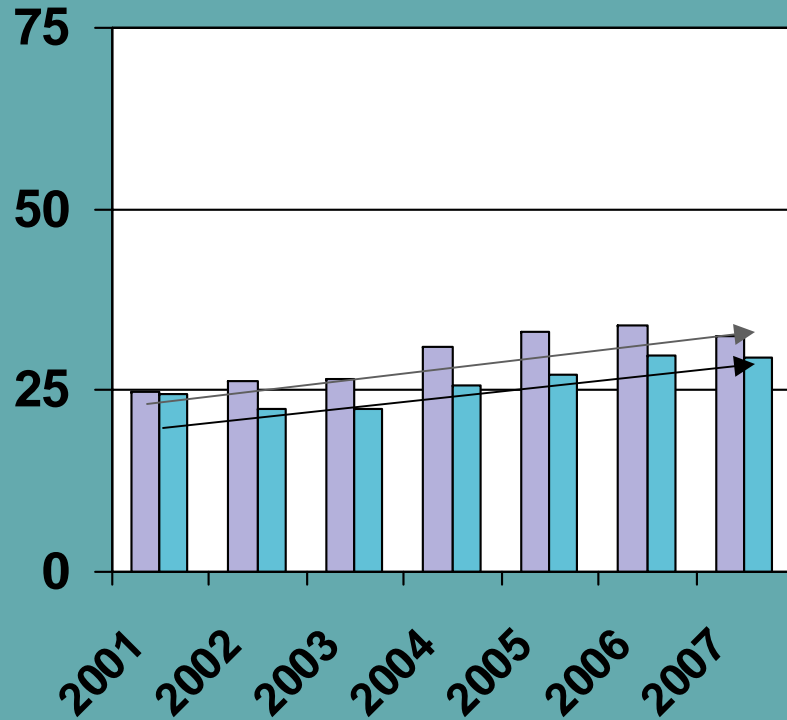
Legend: Oregon (purple), U.S. (blue)



Current Alcohol Use by Gender

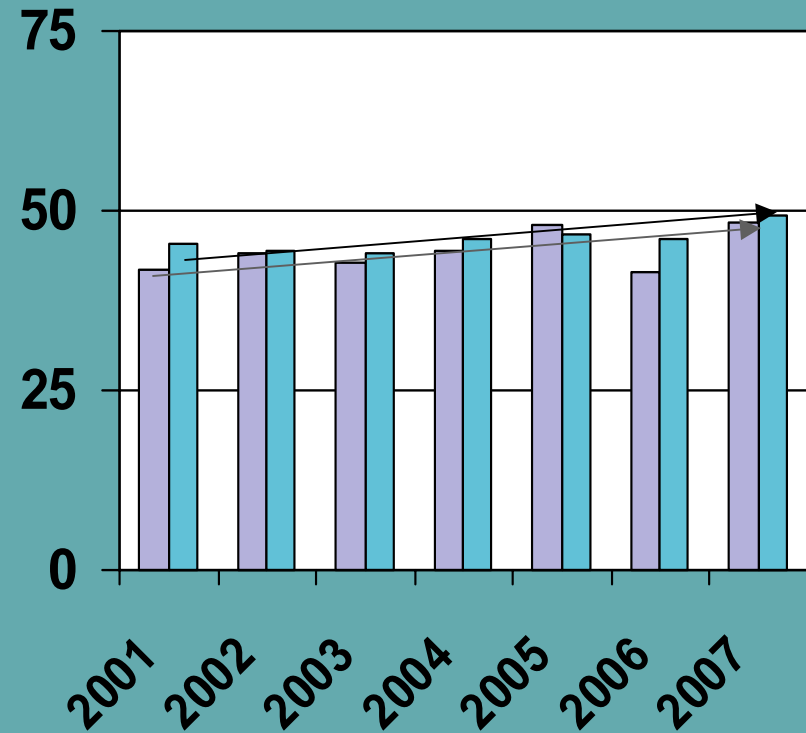
8th Graders

Females Males



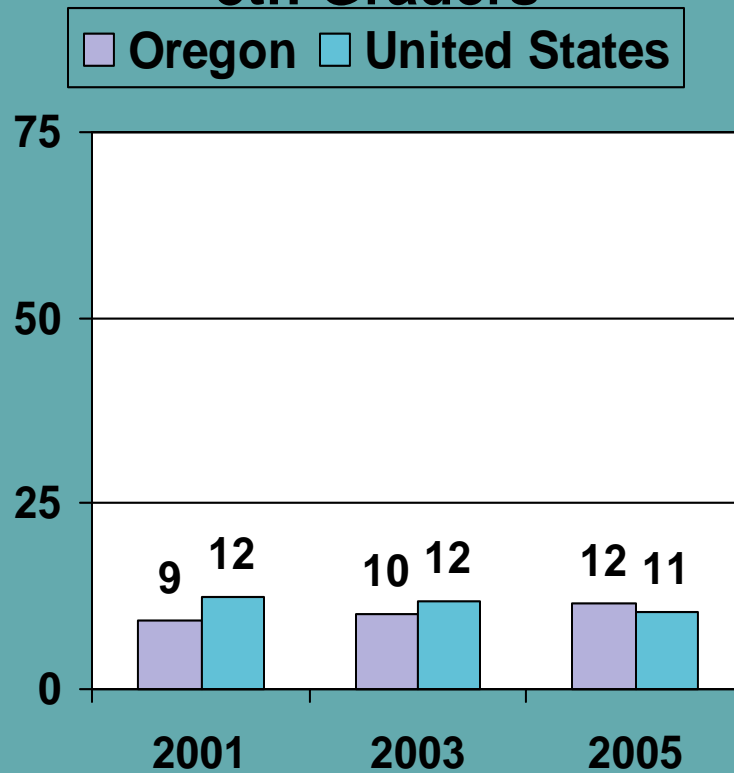
11th Graders

Females Males

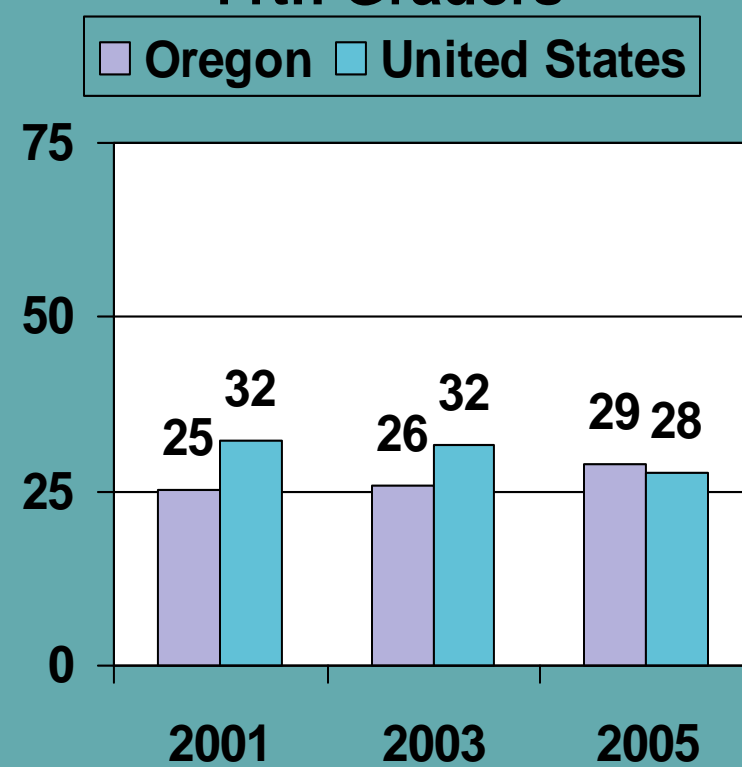


Past month binge drinking by youth

8th Graders



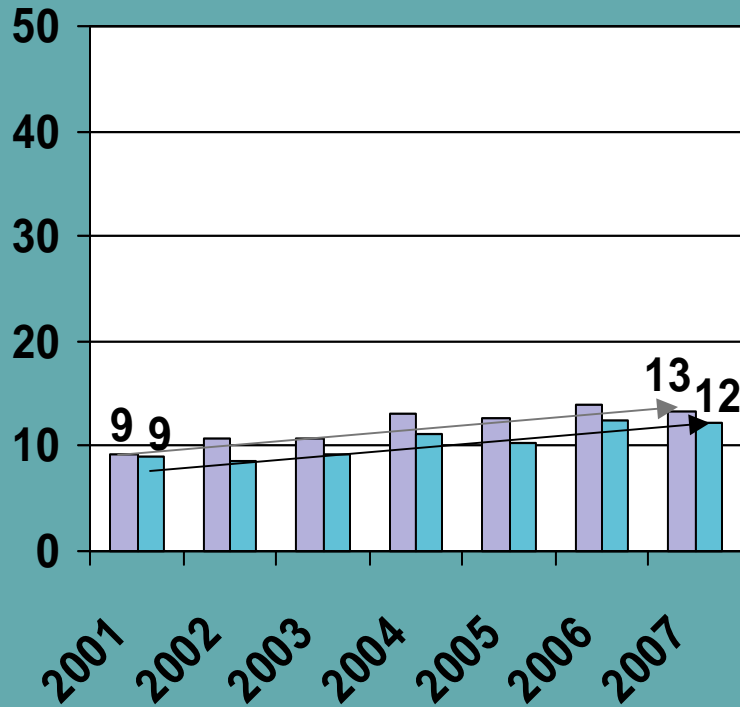
11th Graders



Binge Drinking by Gender

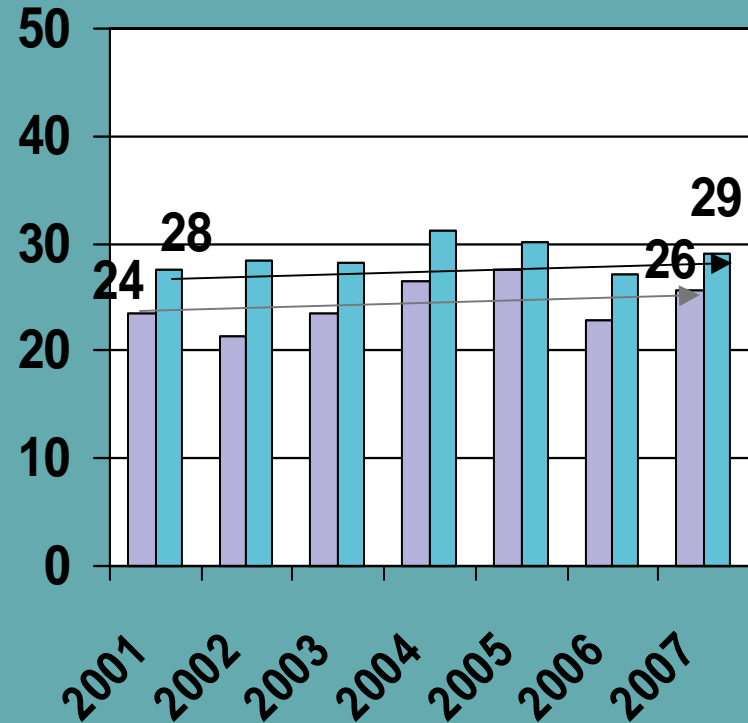
8th Graders

Female Male

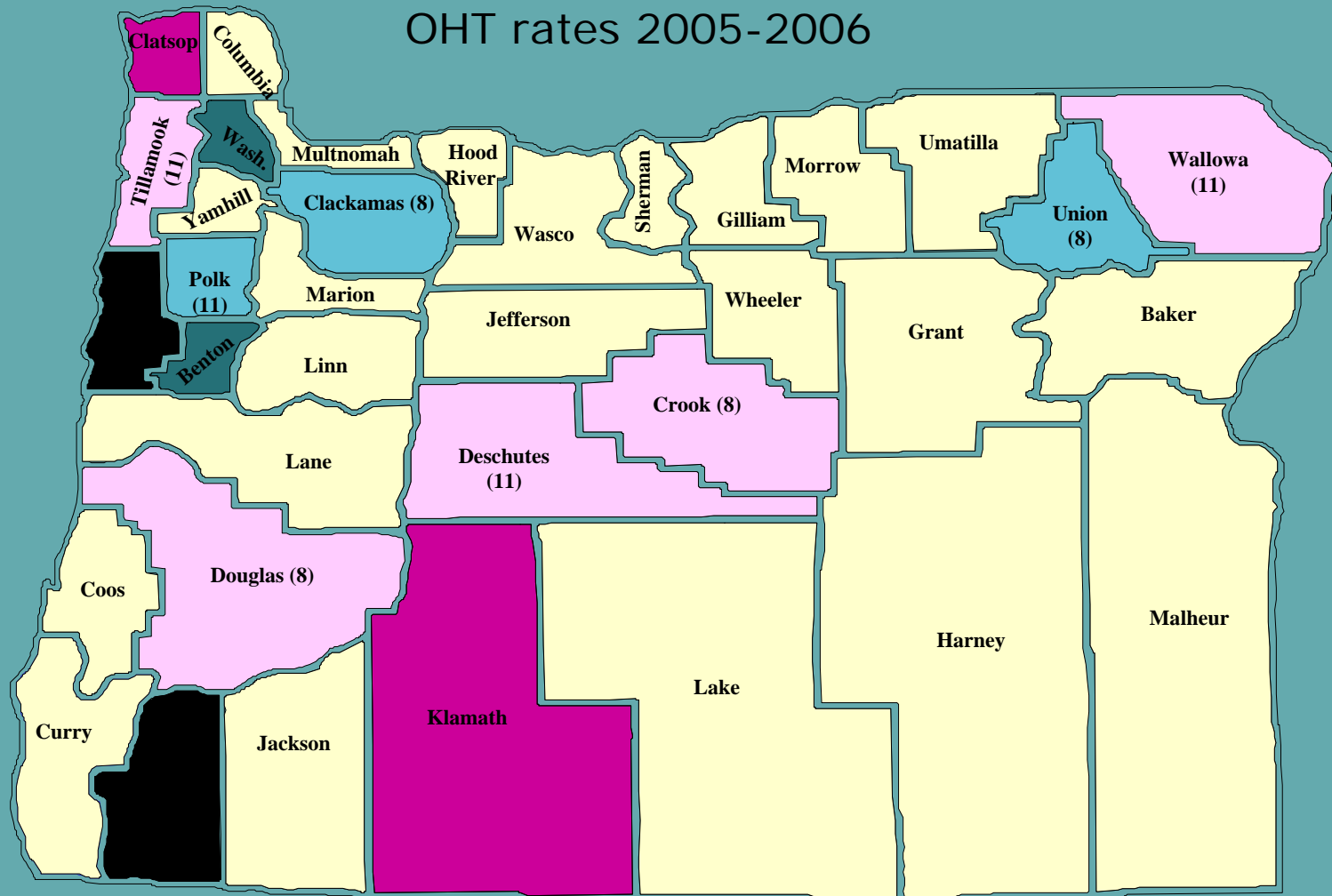


11th Graders

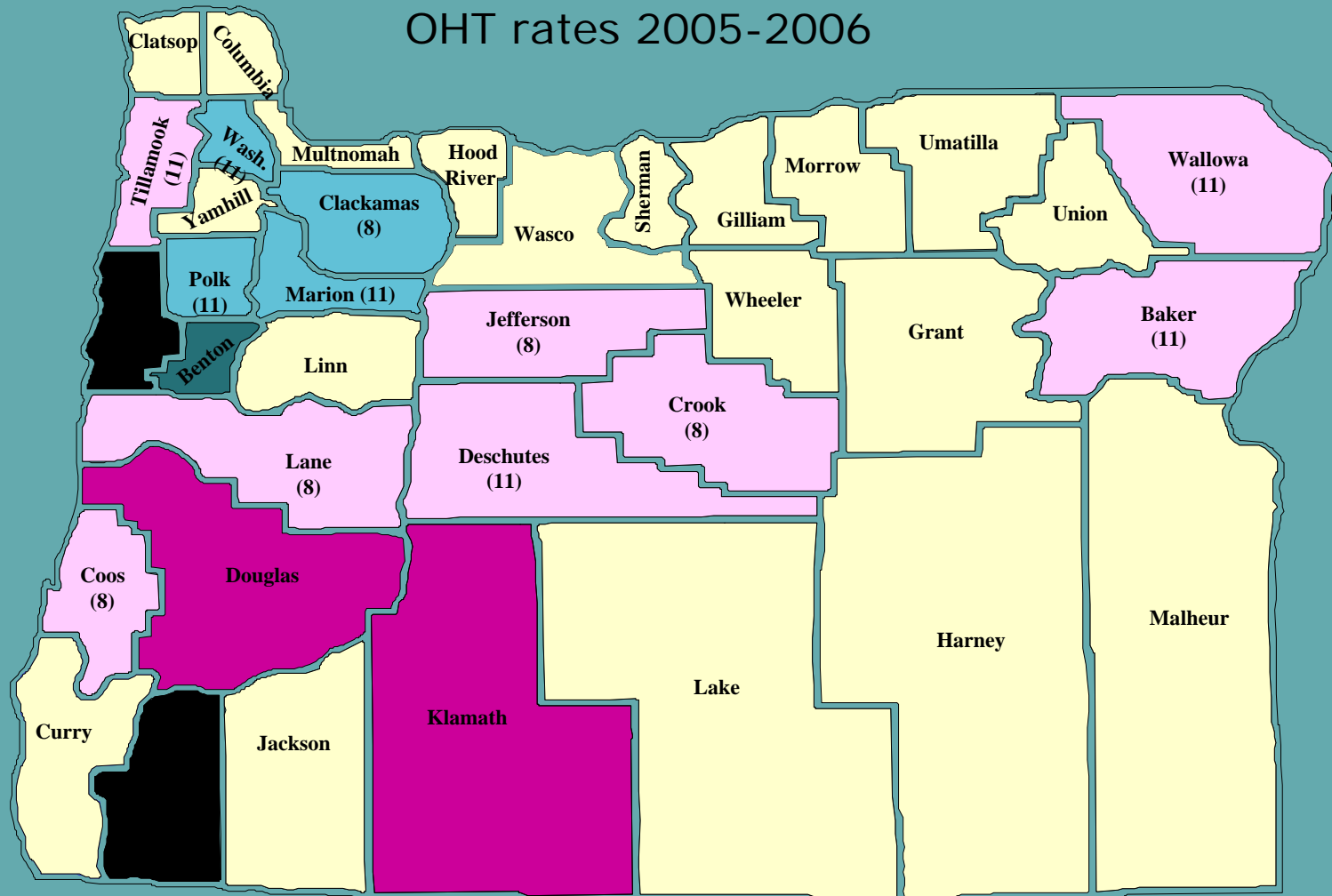
Female Male



Current Alcohol Use by Youth

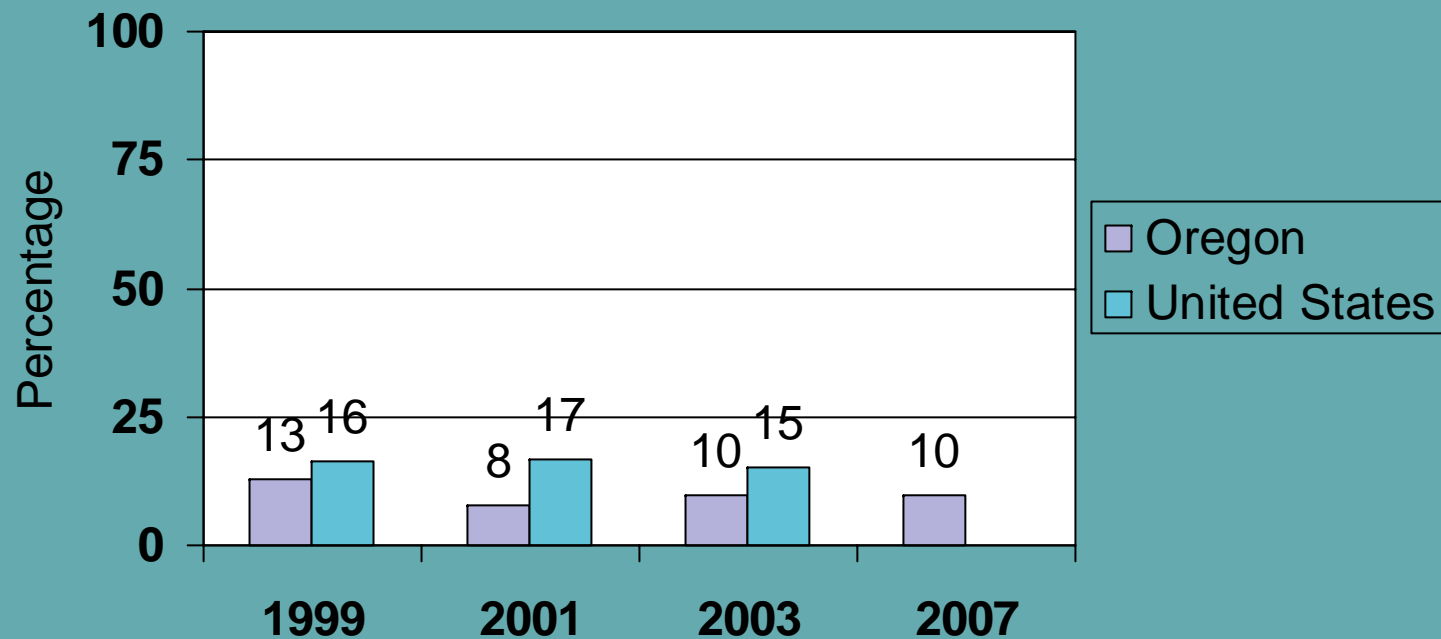


Binge Drinking by Youth



Youth driving while impaired

Percent of 11th Grade Youth Who Drove after Drinking Alcohol



Current cigarette use vs. alcohol

Cigarettes

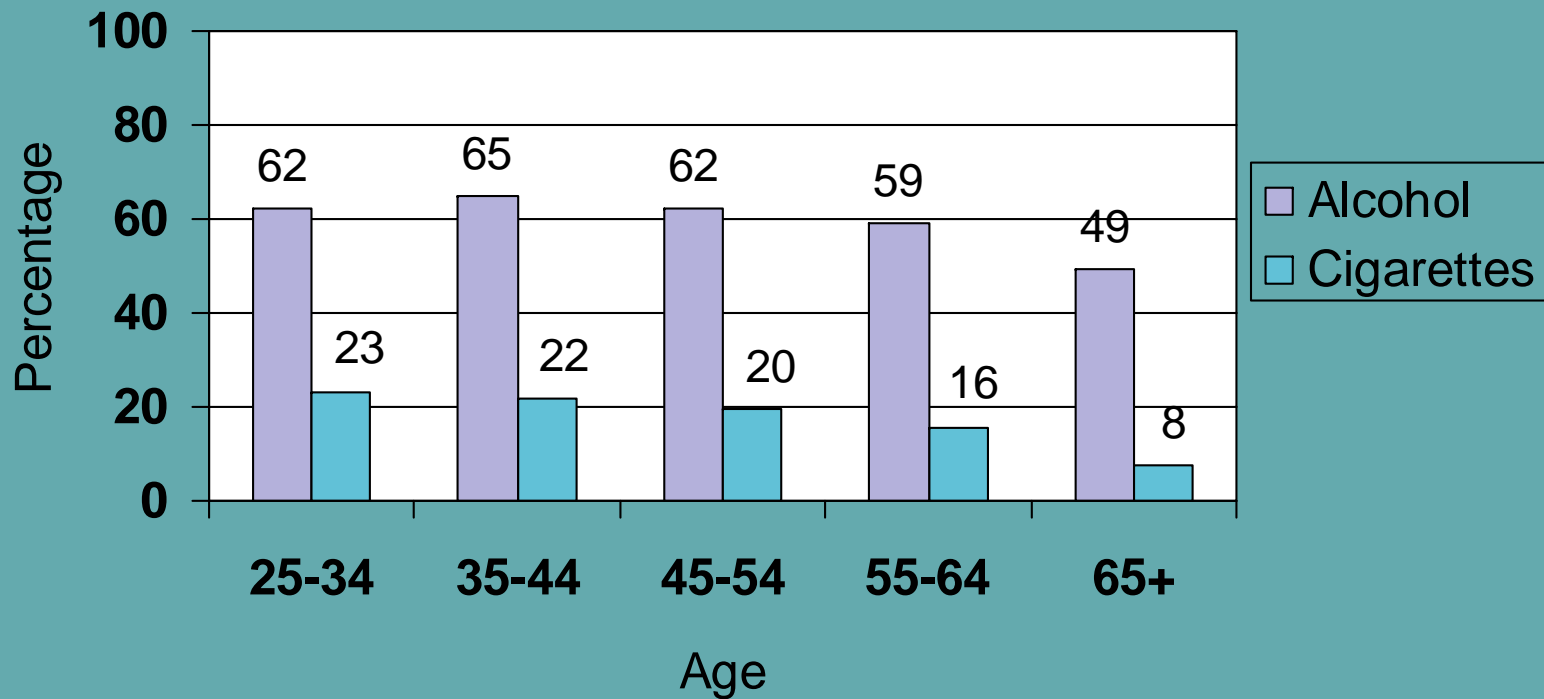
- Less than $\frac{1}{4}$ of the population are current smokers
- More education is associated with *decreased* likelihood of smoking
- Greater affluence is associated with *decreased* likelihood of smoking

Alcohol

- More than $\frac{1}{2}$ of the population currently drink
- More education is associated with *increased* likelihood of drinking
- Greater affluence is associated with *increased* likelihood of drinking

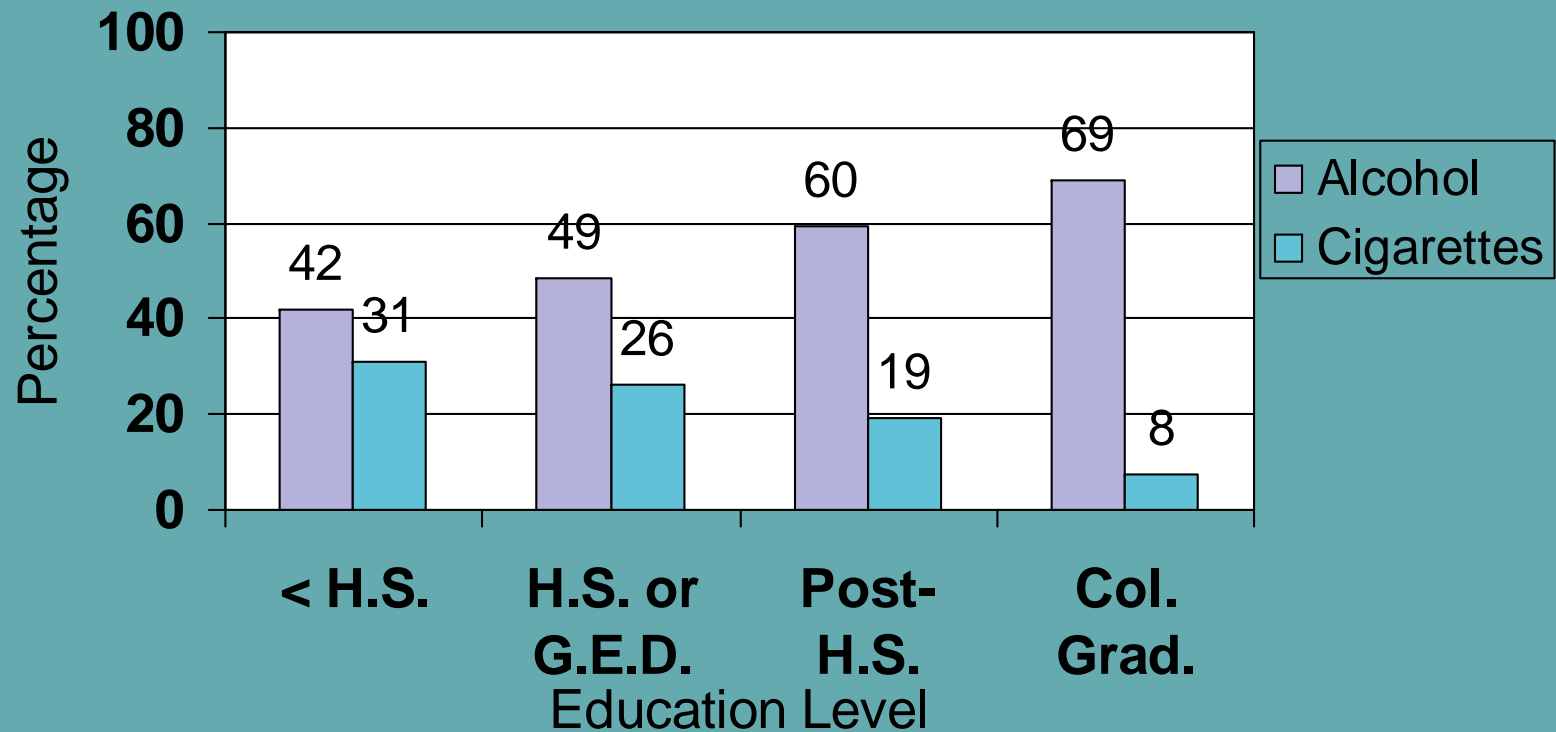
Climate for Prevention Efforts

Past Month Use by Adults in Oregon, by Age, 2006



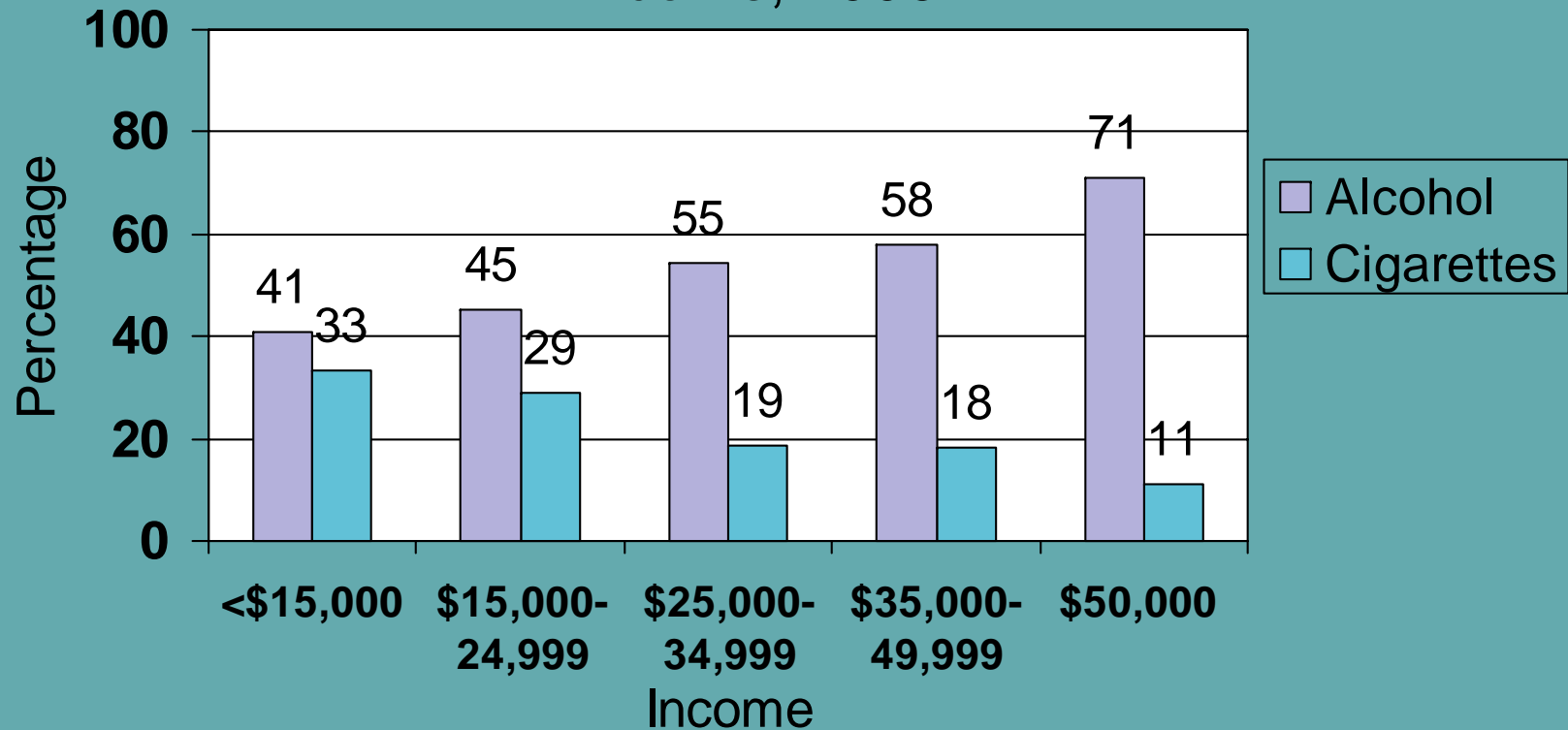
Climate for prevention efforts

Past Month Use by Adults in Oregon, by Education Level, 2006



Climate for prevention efforts

Past Month Use by Adults in Oregon, by Income, 2006



Summary Consumption Rates, 2006

	Adults BRFSS	18-24 BRFSS	11 th Gr. OHT	8 th Gr. OHT
Current use	58.0%	45.5%	43.9%	31.9%
Binge Drinking	14.0%	25.8%	24.9%	13.3%
Heavy Drinking	5.4%	4.9%	N/A	N/A

Contact information

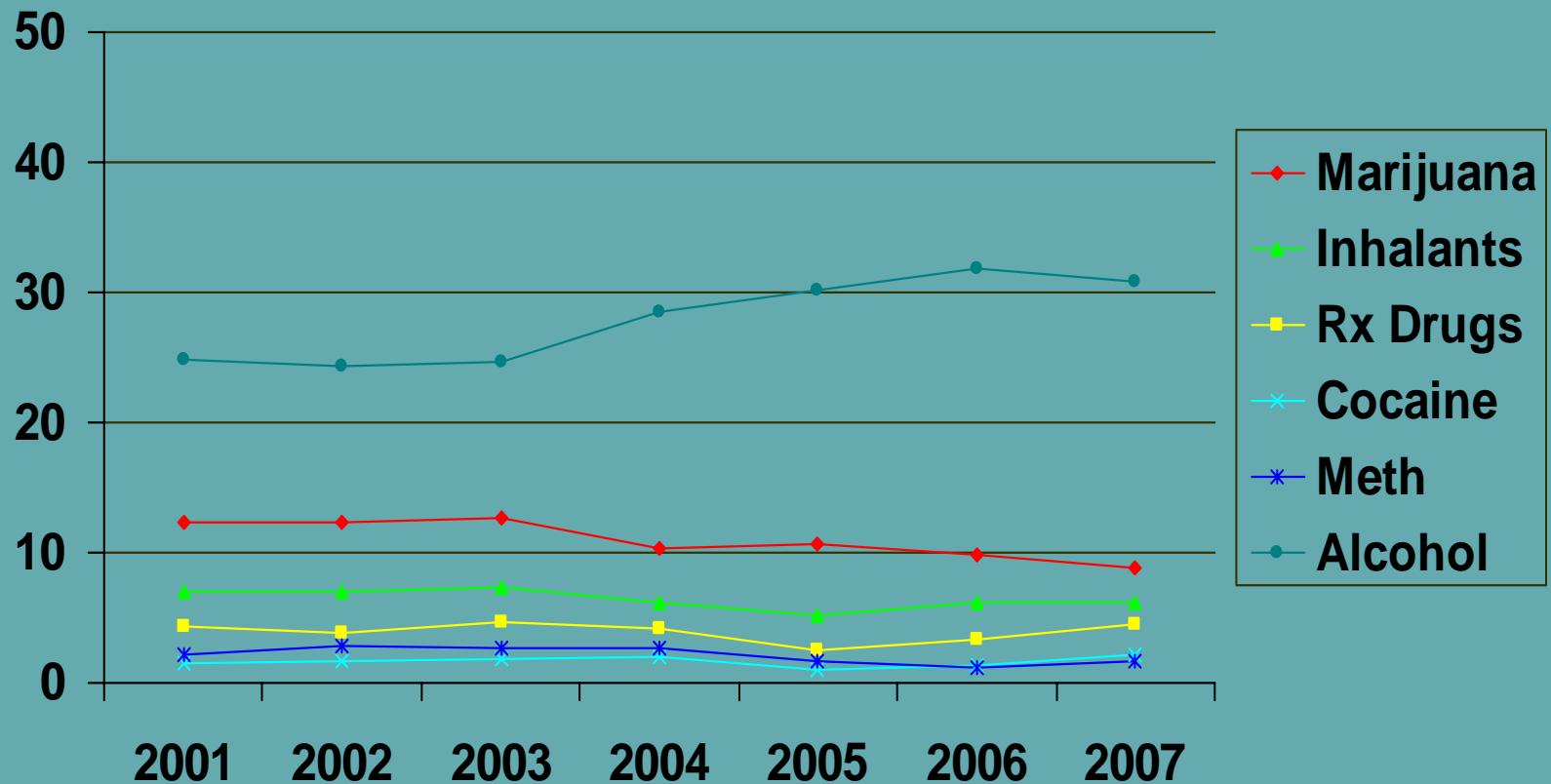
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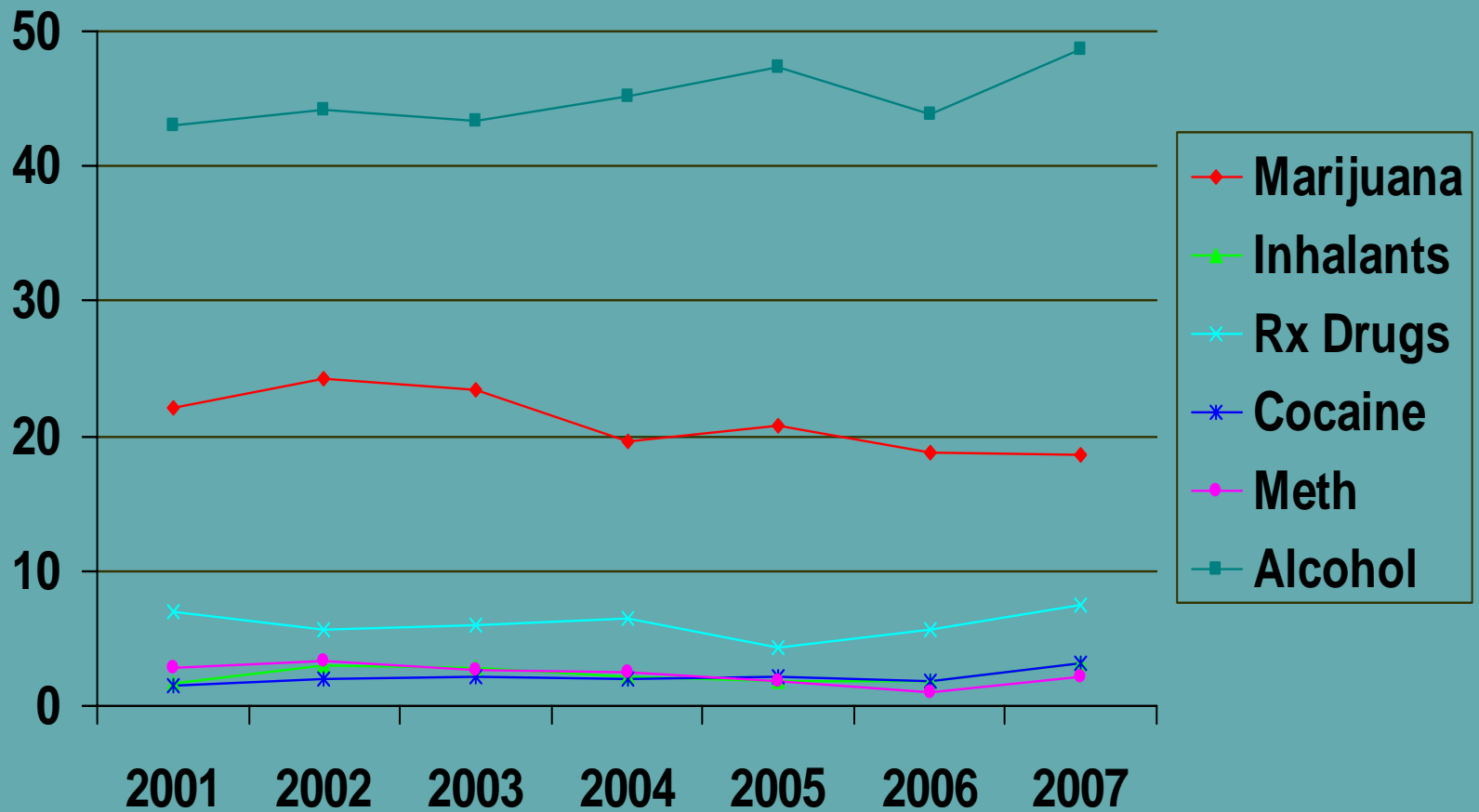
503-947-2319

Past Month Drug Use, 8th Grade



Data Source: Oregon Healthy Teens Survey, 2001 to 2007

Past Month Drug Use, 11th Grade



Data Source: Oregon Healthy Teens Survey, 2001 to 2007