

Report on Drug and Alcohol Use Among Madison Public School Students

Executive Summary

Presented to Madison Board of Education

December 5, 2006

Board of Education Meeting

Town Campus

Background: American Drug and Alcohol Survey

- Product of 15 years of university-based research (Rocky Mountain Behavioral Science Institute)
- Developed and refined using 200,000+ adolescents throughout the nation
- Administered to millions of students nationwide since 1987

Why survey our youth?

- Student health, safety, and wellness are at risk when students use and abuse alcohol and drugs.
- Communities and schools share responsibility for welfare of their youth.
- Parents need information and assistance in addressing substance abuse issues facing their children.

How was survey administered?

- Administered in school during the regular school day, October 2006.
- A total of 1766 students in grades 7-12 took the survey (95% of the population) representing 619 Grade 7-8 students and 1147 Grade 9-12 students.
- Students were assured that survey was anonymous.
- Students were encouraged to provide truthful answers.
- Students and staff reported that survey environment was “serious” and “quiet.”

Validity / Reliability of Survey

- Survey has had numerous revisions over the years to insure accuracy and reliability.
- Checks and measures were used to enhance accuracy of results.
 - Only 3% of MPS students showed signs of exaggerated responses that were rejected.
 - Only 2% of MPS students were classified as “inconsistent responders” overall.

Percent of Students Who Have Never Used Drugs in Their Lifetime

	7-8 th Graders (619)	9-12 th Graders (1147)	7-12 th Graders (1766)
Alcohol	77% (477)	31% (356)	47% (830)
Been Drunk	98% (607)	55% (631)	70% (1,236)
Cigarettes	95% (588)	73% (837)	81% (1,159)
Marijuana	98% (607)	70% (803)	80% (1,413)
Cocaine	99% (613)	95% (1,090)	97% (1,713)
Stimulants	99% (613)	93% (1,067)	95% (1,678)
Inhalants	95% (588)	93% (1,067)	94% (1,660)
Sedatives**	100% (619)	99% (1,136)	99% (1,748)
Tranquilizers**	100% (619)	97% (1,113)	98% (1,761)
Hallucinogens	99% (613)	94% (1,078)	96% (1,695)
PCP	100% (619)	98% (1,124)	99% (1,748)
Heroin	99% (613)	98% (1,124)	99% (1,748)
Narcotic Painkillers**	99% (613)	93% (1,067)	95% (1,678)

Percent of Students Who Have Not Used Drugs in the Past Month

	7-8th Graders (619)	9-12th Graders (1147)	7-12th Graders (1766)
Alcohol	93% (576)	57% (654)	70% (1,236)
Been Drunk	99% (613)	73% (837)	82% (1,448)
Cigarettes	99% (613)	86% (986)	91% (1,607)
Smokeless Tobacco	100% (619)	92% (1,055)	95% (1,677)
Marijuana	99% (613)	84% (963)	89% (1,572)
Cocaine	99% (613)	98% (1,124)	99% (1,748)
Stimulants	99% (613)	97% (1,113)	98% (1,731)
Inhalants	99% (613)	98% (1,124)	99% (1,748)
Sedatives**	100% (619)	99% (1,136)	99% (1,748)
Hallucinogens	99% (613)	98% (1,124)	99% (1,748)
PCP	100% (619)	99% (1,136)	99% (1,748)
Heroin	100% (619)	99% (1,136)	99% (1,748)
Narcotic Painkillers**	99% (613)	97% (1,113)	98% (1,731)

Percent of Students Who Have Low or No Drug Use

7-8th Graders (619)	9-12th Graders (1147)	7-12th Graders (1766)
97% (600)	71% (814)	81% (1,430)

Where Do Students Use Alcohol and Other Drugs?

	7-8th Graders (619)	9-12th Graders (1147)	7-12th Graders (1766)
On the way to school	<1% (<6)	3% (34)	2% (35)
During school hours at school	0% (0)	4% (46)	3% (53)
During school hours away from school	<1% (<6)	4% (46)	3% (53)
Right after school	1% (6)	9% (103)	6% (106)
Before school events	<1% (<6)	16% (184)	11% (194)
At school events	2% (12)	17% (195)	11% (194)
After school events	1% (6)	23% (264)	15% (265)
At parties	4% (25)	46% (528)	31% (548)
At night with friends	5% (31)	51% (585)	35% (618)
At clubs or raves	<1% (<6)	7% (80)	5% (88)
While driving around	<1% (<6)	7% (80)	5% (88)
At home (parents knew)	13% (80)	19% (218)	17% (300)
At home (parents didn't know)	6% (37)	34% (390)	24% (424)

Perceived Availability of Drugs Among Madison Public Schools Students

	7-8 th Graders (619)	9-12 th Graders (1147)	7-12 th Graders (1766)
Alcohol	56%	91%	79%
Marijuana	11%	68%	48%
Cocaine	7%	25%	19%
Stimulants	10%	28%	21%
Methamphetamines	6%	15%	12%
Inhalants	58%	69%	65%
Hallucinogens	11%	28%	22%
Heroin	6%	15%	12%
Narcotic Painkillers**	22%	42%	35%
Cigarettes	40%	84%	69%

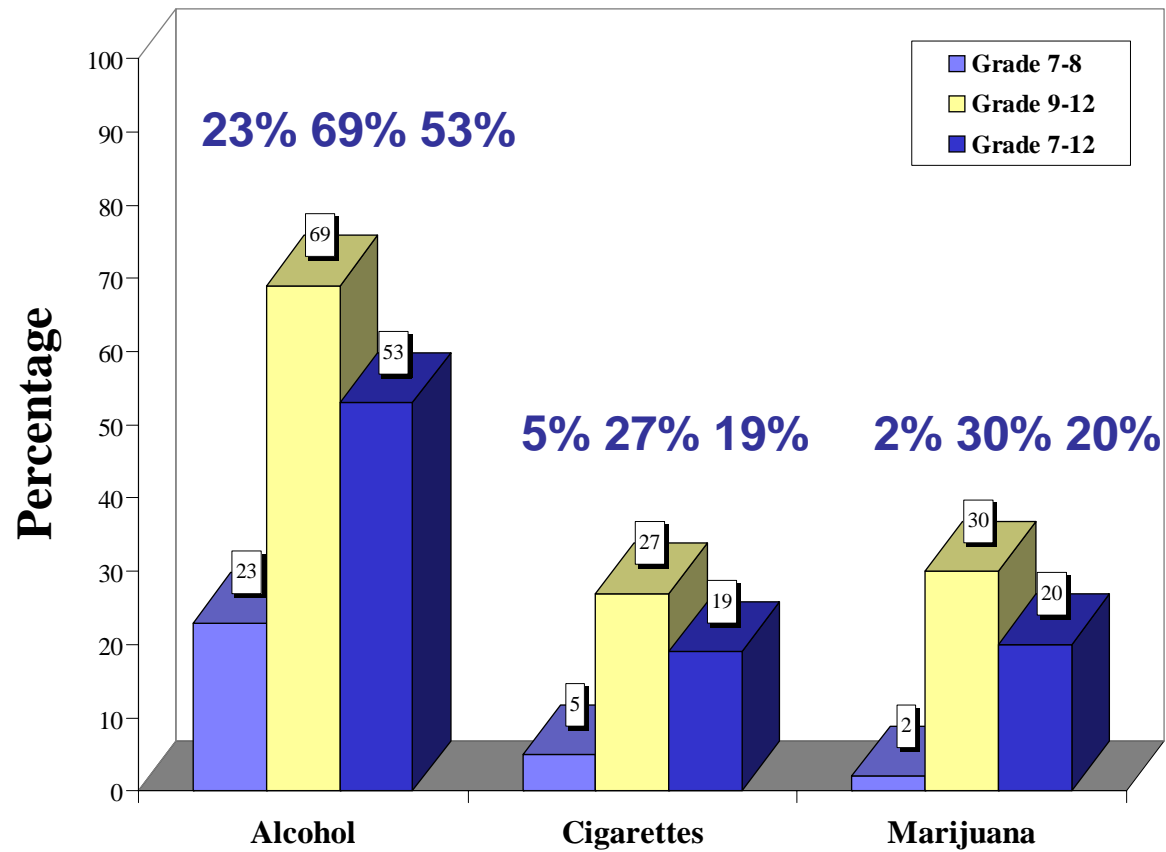
Levels of Drug Use

- The “ever used” figures include students who only tried a drug once as well as those who use that drug regularly.
- The “ever used” figures are important in that they show the overall level of exposure to drugs by students and the availability of each drug in the community.

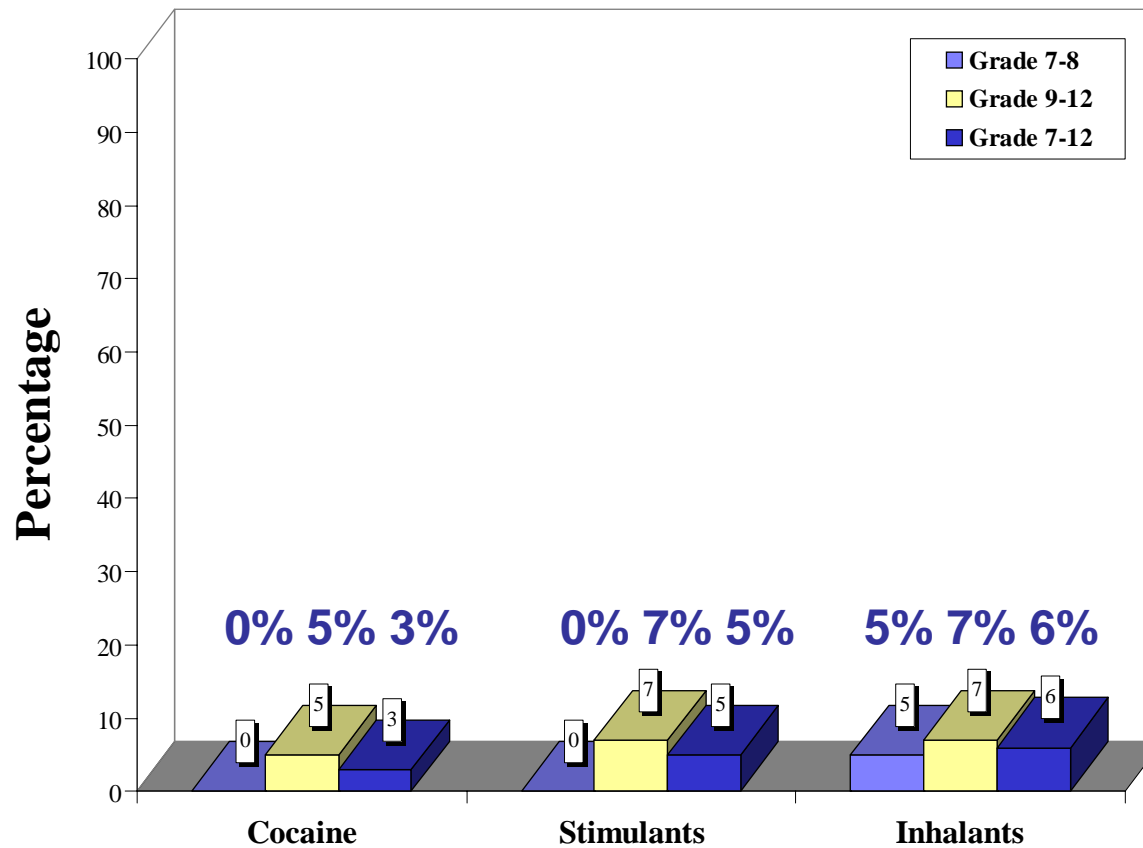
Levels of Drug Use (continued)

- Alcohol, tobacco, and marijuana are the most commonly used drugs among youth, locally in Madison and nationally.
- Regarding alcohol, we must not let the focus on other drugs overshadow the major role that alcohol plays among our students.

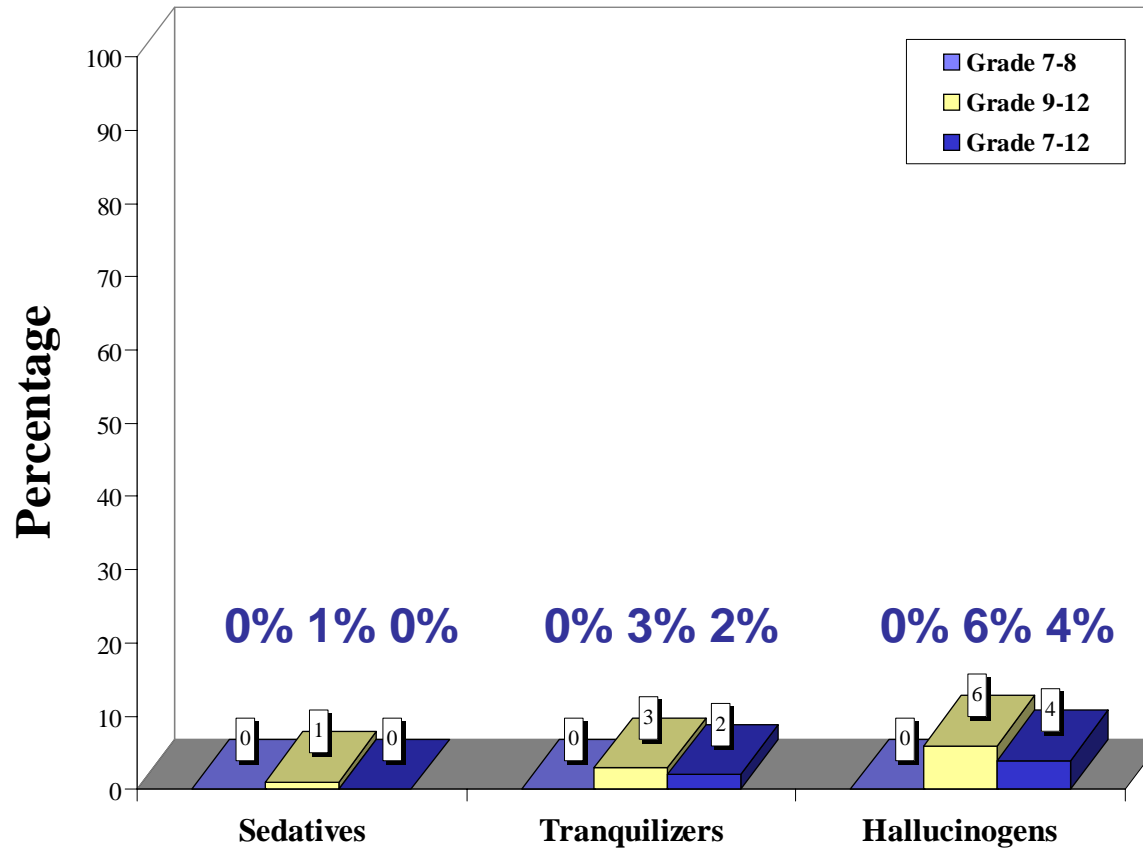
Percent of Madison Public Schools Students Who Have Ever Tried a Drug (2006-07)



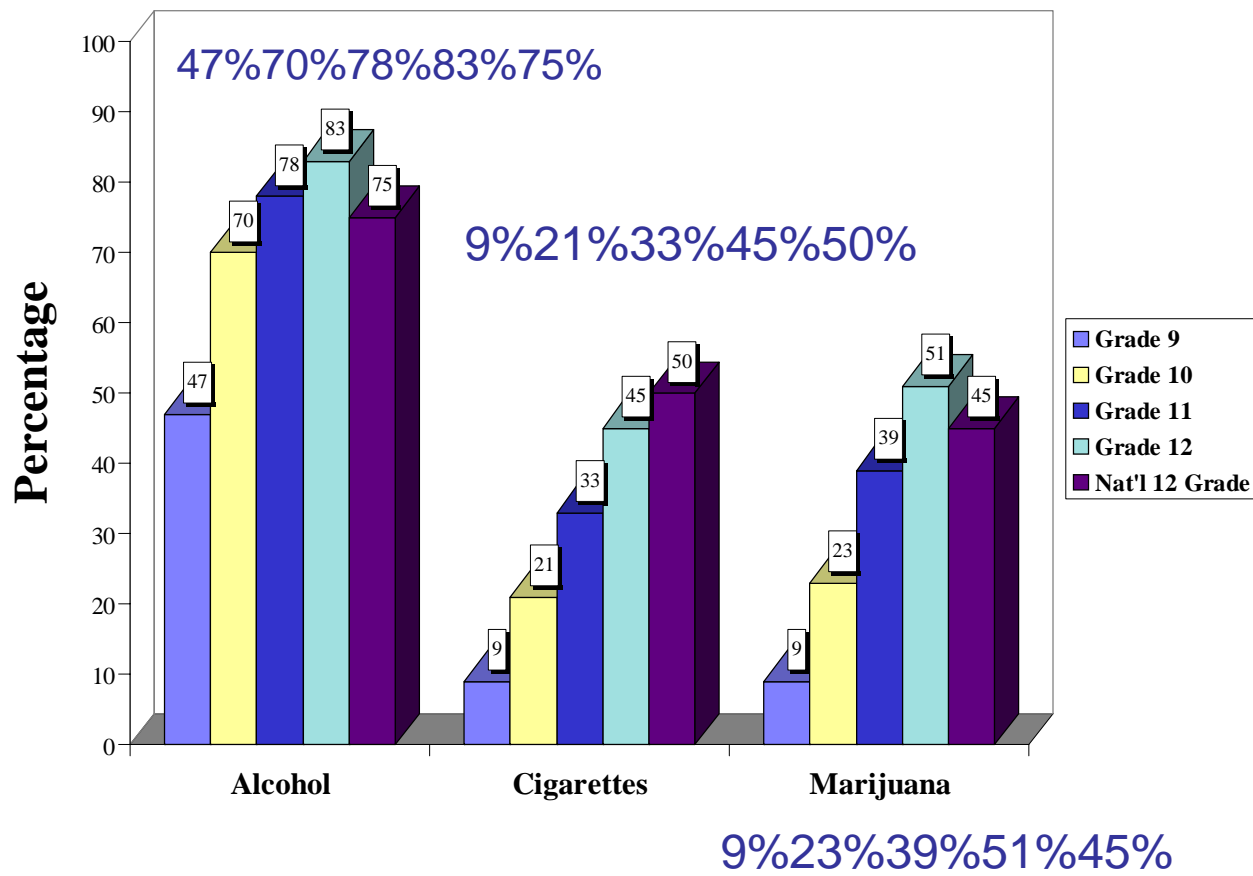
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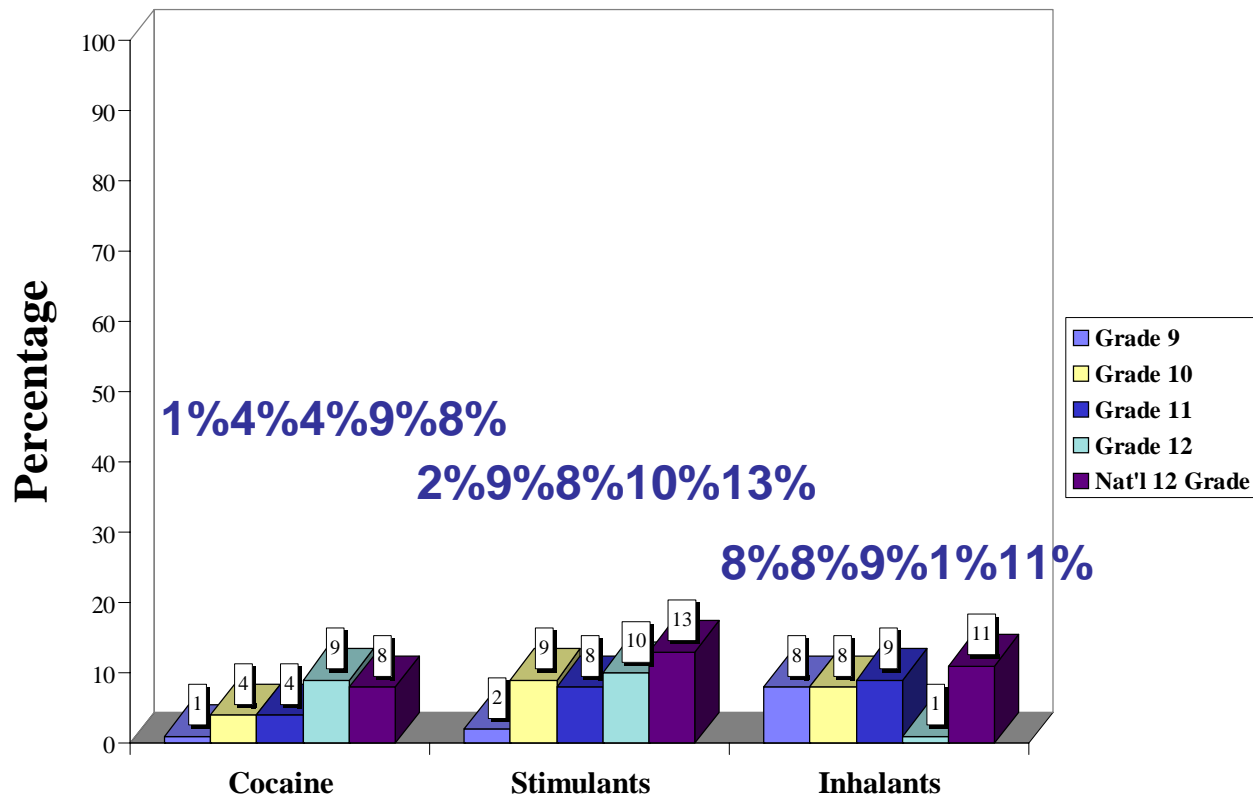
Percent of Madison Public Schools Students Who Have Ever Tried a Drug (2006-07)



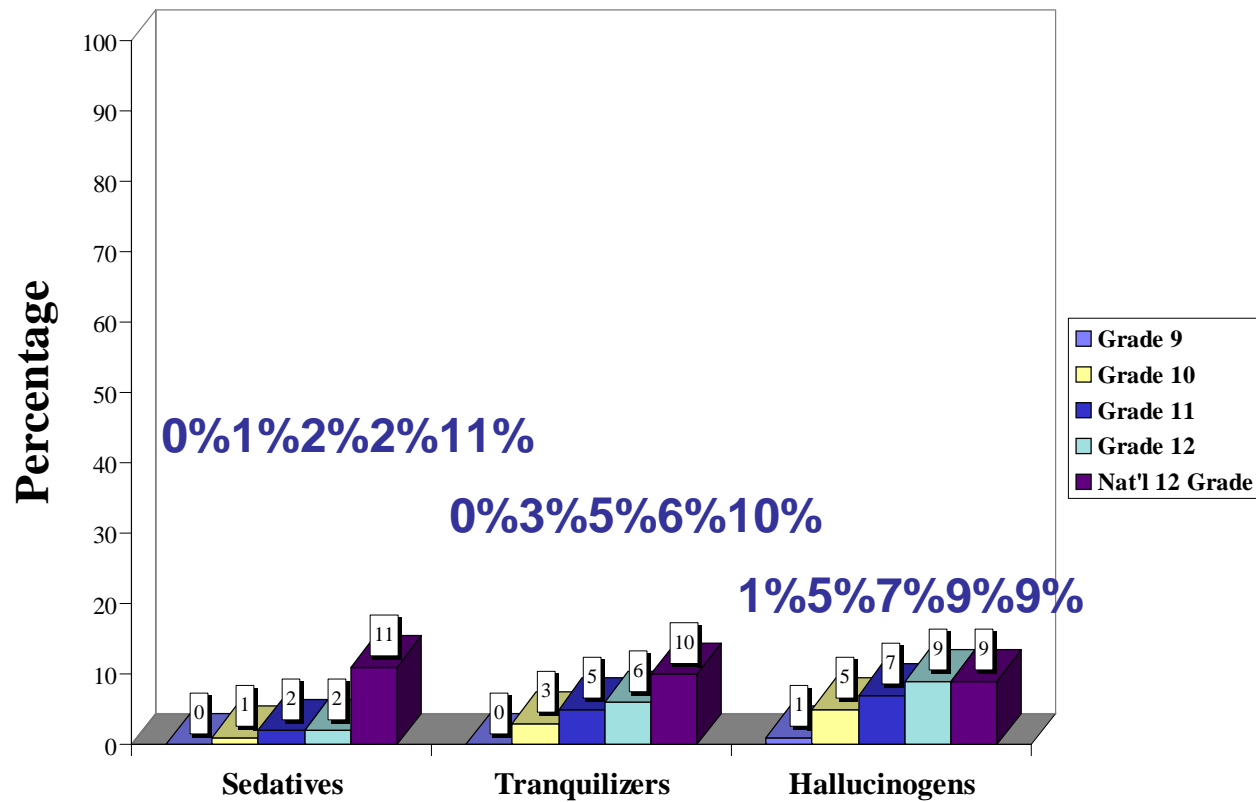
Percent of Daniel Hand High School Students and 12th Graders Across the Country Who Have Ever Tried a Drug (2006-07)



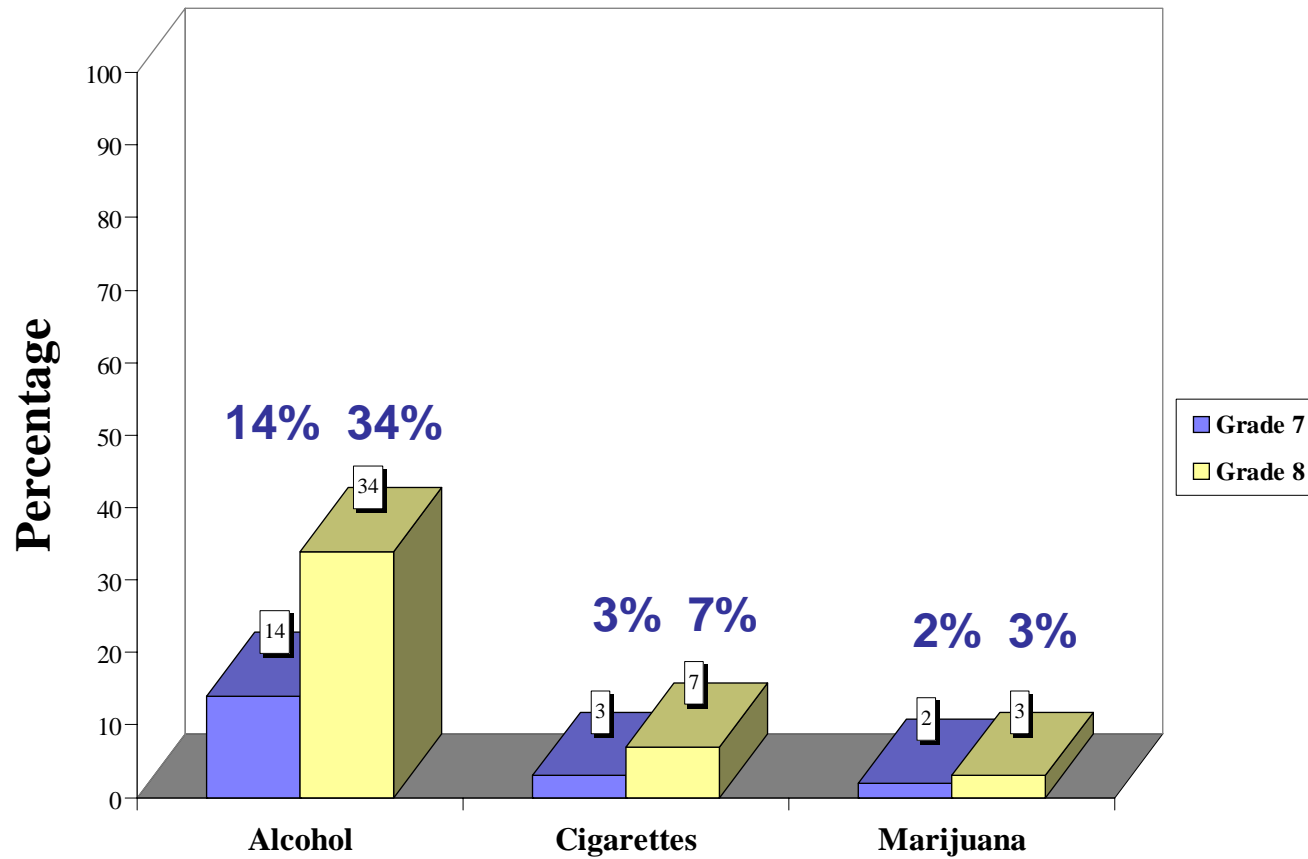
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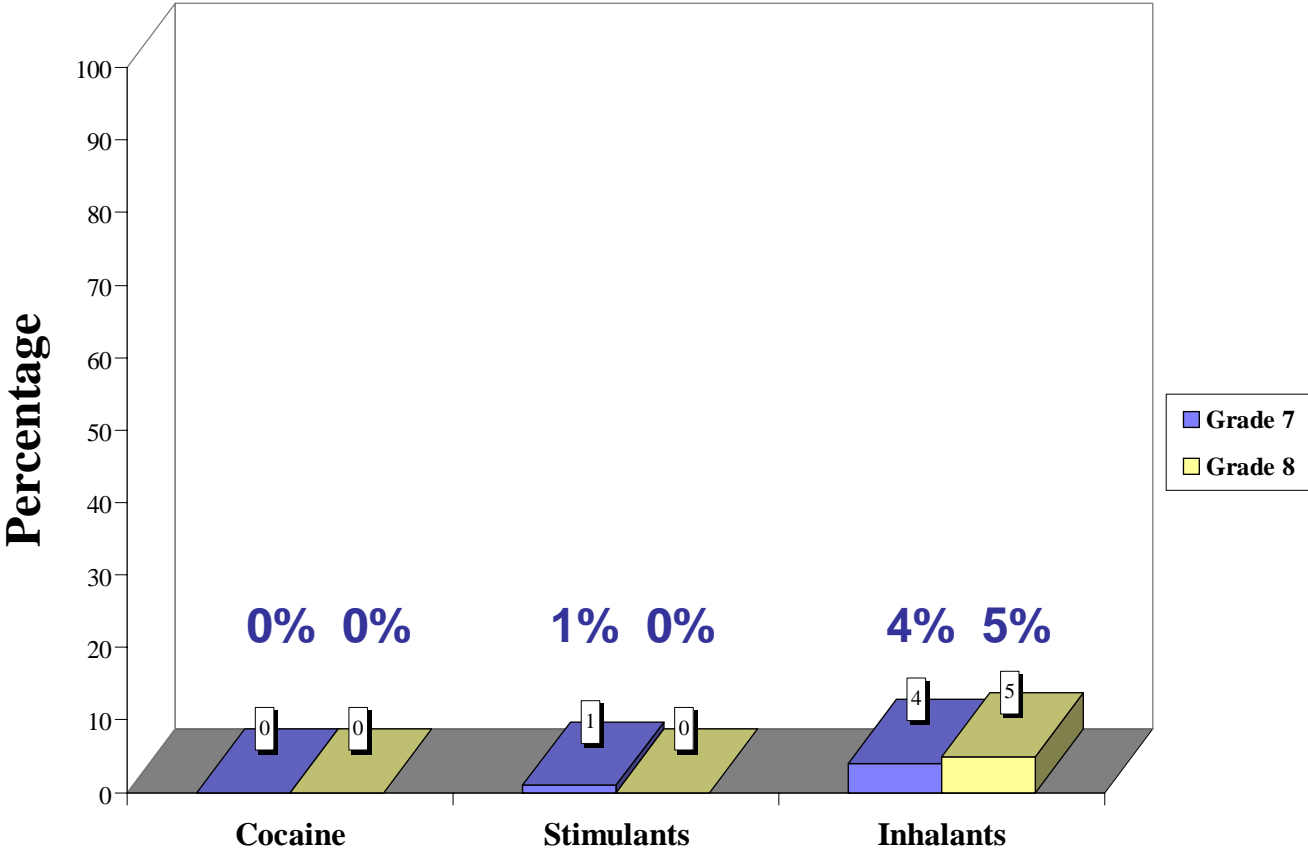
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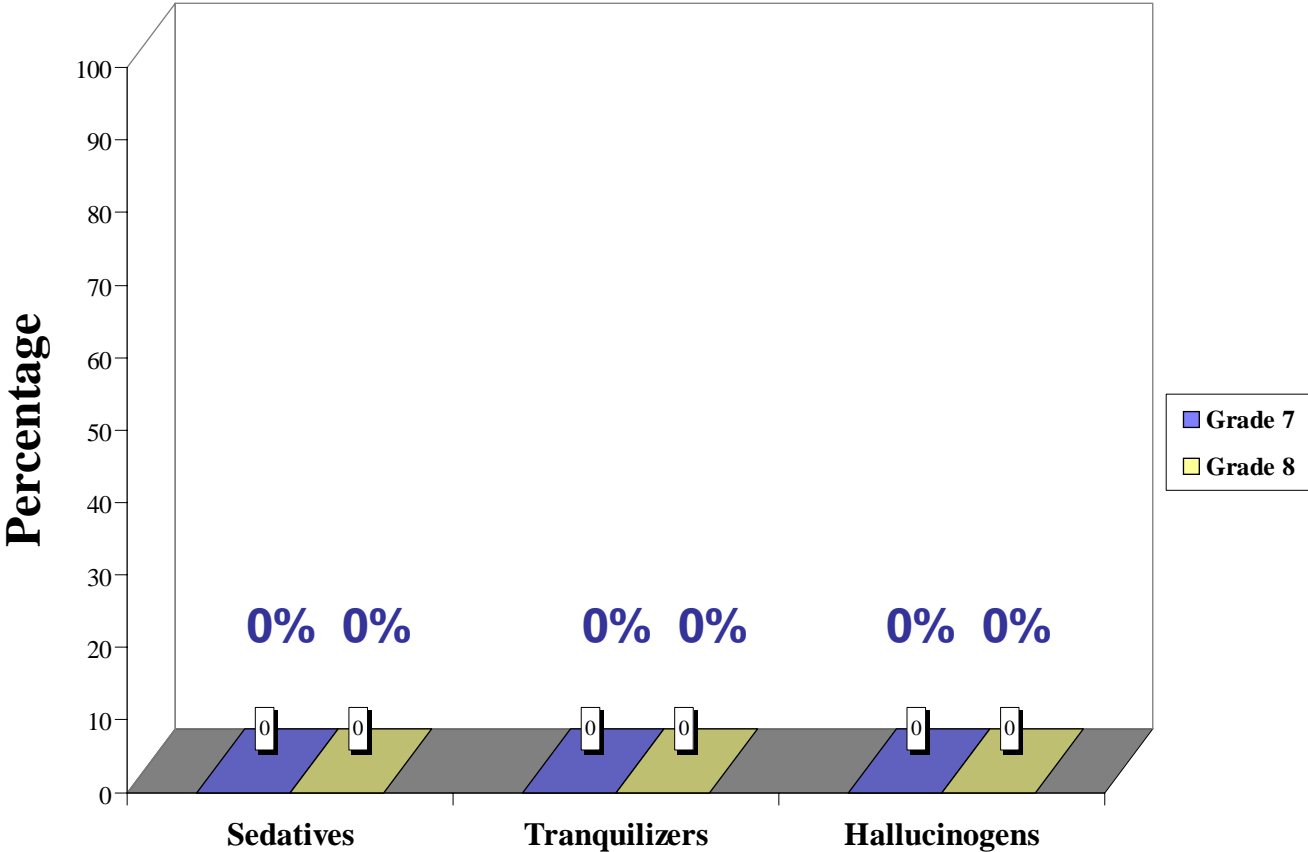
Percent of Polson Middle School Students Who Have Ever Tried a Drug (2006-07)



Percent of Polson Middle School Students Who Have Ever Tried a Drug (2006-07)



Percent of Polson Middle School Students Who Have Ever Tried a Drug (2006-07)



Percent of Students Who Have Ever Tried a Drug or Alcohol

	7-8 th Graders (619)	9-12 th Graders (1147)	7-12 th Graders (1766)
Alcohol	23% (142)	69% (791)	53% (936)
Been Drunk	2% (12)	45% (516)	30% (530)
Cigarettes	5% (31)	27% (310)	19% (336)
Marijuana	2% (12)	30% (344)	20% (353)
Cocaine	<1% (<6)	5% (57)	3% (53)
Stimulants	<1% (<6)	7% (80)	5% (88)
Inhalants	5% (31)	7% (80)	6% (106)
Sedatives**	0% (0)	1% (11)	<1% (<18)
Tranquilizers**	0% (0)	3% (34)	2% (35)
Hallucinogens	<1% (<6)	6% (69)	4% (70)
PCP	0% (0)	2% (23)	1% (18)
Heroin	<1% (<6)	2% (23)	1% (18)
Narcotic Painkillers**	<1% (<6)	7% (80)	5% (88)

Percent of Students Who Have Used Each Drug In Last 12 Months

	7-8 th Graders (619)	9-12 th Graders (1147)	7-12 th Graders (1766)
Alcohol	20% (124)	64% (734)	48% (848)
Been Drunk	2% (12)	41% (470)	27% (477)
Marijuana	<1% (<6)	29% (333)	19% (336)
Cocaine	<1% (<6)	4% (46)	2% (35)
Stimulants	<1% (<6)	5% (57)	4% (71)
Inhalants	2% (12)	4% (46)	3% (53)
Sedatives**	0% (0)	1% (11)	<1% (<18)
Hallucinogens	<1% (<6)	4% (46)	3% (53)
PCP	0% (0)	1% (11)	<1% (<18)
Heroin	0% (0)	1% (11)	<1% (<18)
Narcotic Painkillers**	<1% (<6)	6% (69)	4% (71)

Percent Who Have Used Each Drug In Last Month (30 Days)

	7-8 th Grader (619)	9-12 th Graders (1147)	7-12 th Graders (1766)
Alcohol	7% (43)	43% (493)	30% (530)
Been Drunk	<1% (<6)	27% (310)	18% (318)
Cigarettes	<1% (<6)	14% (161)	9% (159)
Smokeless Tobacco	0% (0)	8% (92)	5% (88)
Marijuana	<1% (<6)	16% (184)	11% (194)
Cocaine	<1% (<6)	2% (23)	1% (18)
Stimulants	<1% (6)	3% (34)	2% (35)
Inhalants	<1% (<6)	2% (23)	1% (18)
Sedatives**	0% (0)	<1% (<11)	<1% (<18)
Hallucinogens	<1% (<6)	2% (23)	1% (18)
PCP	0% (0)	<1% (<11)	<1% (<18)
Heroin	0% (0)	<1% (<11)	<1% (<18)
Narcotic Painkillers**	<1% (<6)	3% (34)	2% (35)

Middlesex County, State, and National Comparative Data 30-Day Alcohol Use

Town	Year	7th	8th	9th	10th	11th	12th
Town A	2006	NA	NA	37%	55%	62%	72%
Town B	2005	NA	25%	43%	45%	46%	67%
Town C	2005	NA	23%	52%	45%	77%	60%
Town D	2004	NA	13%	30%	48%	52%	61%
Town E	2005	NA	36%	42%	43%	65%	84%
Town F	2005	NA	12%	32%	57%	54%	67%
Madison	2006	3%	11%	21%	35%	55%	61%
Connecticut	2005	NA	NA	35%	42.1%	47.6%	59%
National	2004/ 2005	NA	17%	NA	33%	NA	47%

Middlesex County, State and National Comparative Data 30-Day Tobacco Use

Town	Year	7th	8th	9th	10th	11th	12th
Town A	2006	NA	NA	20%	23%	31%	32%
Town B	2005	NA	NA	16%	17%	16%	39%
Town C	2005	NA	NA	19%	9%	27%	16%
Town D	2004	NA	NA	10%	23%	33%	39%
Town E	2005	NA	NA	14%	22%	46%	60%
Town F	2005	NA	NA	11%	10%	30%	13%
Madison	2006	<1%	1%	3%	13%	20%	22%
Connecticut	2005	NA	NA	12.3%	16.1%	21.6%	23.4%
National	2004/ 2005	NA	NA	NA	NA	NA	23%

Middlesex County, State and National Comparative Data 30-Day Marijuana Use

Town	Year	7th	8th	9th	10th	11th	12th
Town A	2006	NA	NA	14%	30%	34%	37%
Town B	2005	NA	NA	23%	33%	29%	52%
Town C	2005	NA	NA	35%	34%	50%	47%
Town D	2004	NA	NA	18%	38%	46%	46%
Town E	2005	NA	NA	28%	33%	49%	65%
Town F	2005	NA	NA	10%	26%	33%	36%
Madison	2006	0%	1%	2%	13%	24%	28%
Connecticut	2005	NA	NA	15%	20.8%	27.6%	30.1%
National	2004/ 2005	NA	NA	NA	27%	NA	20%

Patterns of Drug Use

- Patterns of use based on current drug use rather than on the “ever tried a drug” data.
- Patterns range from the “Multi-Drug Use / Drug Dependent” to the “Negligible or No Use” category.
- Youth who use drugs will show preferences for certain substances; same patterns are seen among adolescents throughout the nation.

Understanding the Patterns of Use

- **“High Involvement”** pattern:
 - These students are using drugs and/or alcohol heavily, to the point that their lives center around substance abuse.
- **“Moderate Involvement”** pattern:
 - These students do not have as intense drug or alcohol use, but they do get high or intoxicated enough to represent a hazard to themselves and others and show potential to become more heavily involved with drugs and alcohol in the future.

Understanding the Patterns of Use

- **“Low Involvement”** pattern:

These students may be light alcohol users, who rarely, if ever, get drunk, or they may have experimented with some other type of drug. Even if they have experimented with other drugs, they are not using now, and they have identified themselves as “non-users.”

- **“No Drug Involvement”** pattern:

These are the students who are drug-free. A few of them have tried alcohol, but have never been drunk, and are currently not using alcohol at all. They have never used marijuana, inhalants, or any other type of drug.

Patterns of Drug Use Among Madison Public Schools Students (2006-07)

Level I (High Involvement)	7-8th Graders	9-12th Graders	7-12th Graders
1. Drug Dependent & Multi-Drug Users	0.0%	3.7 %	2.4 %
2. Stimulant Users	0.0 %	0.6 %	0.4 %
3. Heavy Marijuana Users	0.0 %	1.0 %	0.7 %
4. Heavy Alcohol Users	0.2 %	6.2 %	4.0 %

Patterns of Drug Use Among Madison Public Schools Students (2006-07)

Level II (Moderate Involvement)	7-8th Graders	9-12th Graders	7-12th Graders
5. Occasional Drug Users	2.2%	3.3 %	2.9 %
6. Light Marijuana Users	0.5 %	13.9 %	9.1 %

Patterns of Drug Use Among Madison Public Schools Students (2006-07)

Level III (Low Involvement)	7-8th Graders	9-12th Graders	7-12th Graders
7. Tried a Drug (no current use)	3.7%	6.2 %	5.3 %
8. Light Alcohol Users	5.0 %	17.2 %	12.9 %
Level IV (No Involvement)			
9. No Use	88.4%	47.9%	62.3%

Percent of Madison Public Schools Students By Level of Drug Involvement (2006-07)

Figure 1 - 7-8th Graders

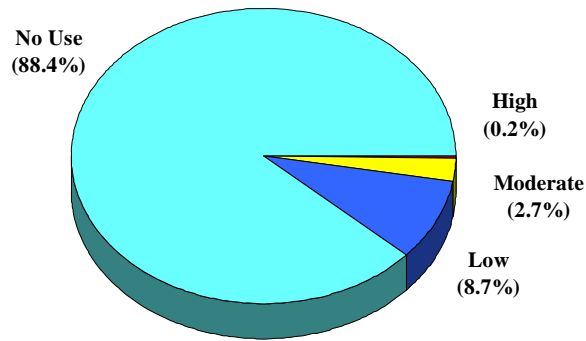


Figure 2 - 9-12th Graders

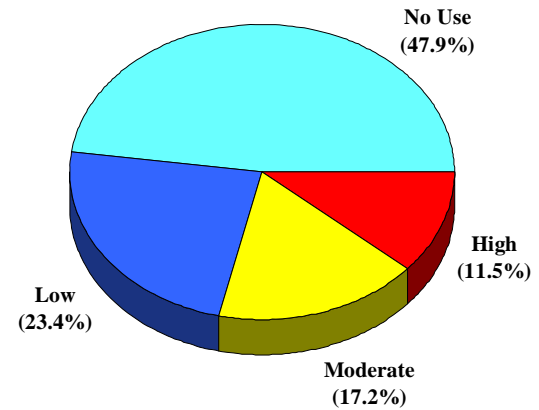
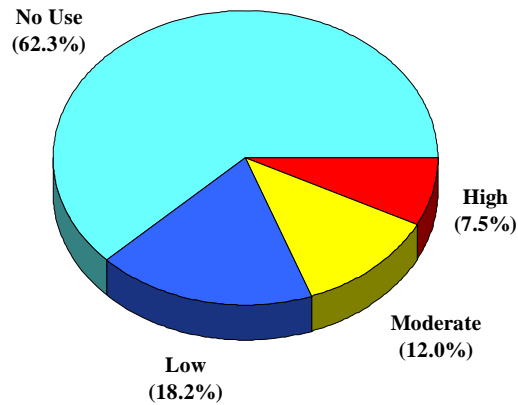


Figure 3 - 7-12th Graders



Percent of Daniel Hand High School Students By Level of Drug Involvement (2006-07)

Figure 1 - 9th Graders

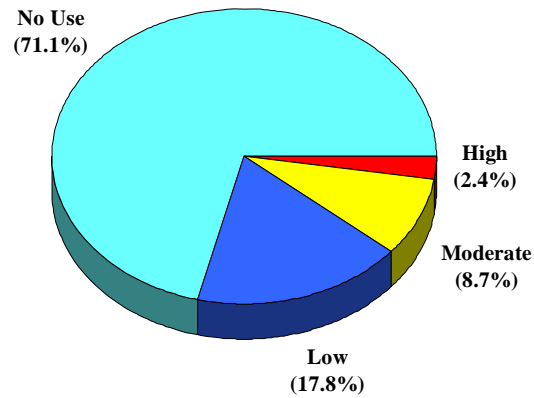


Figure 2 - 10th Graders

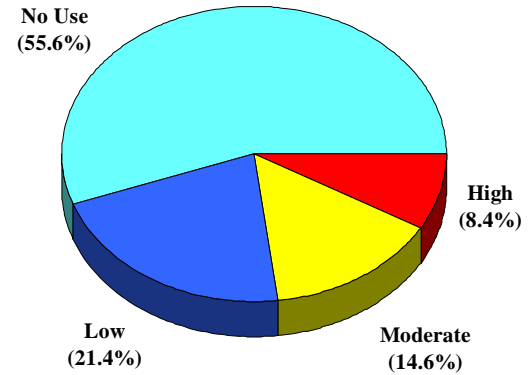


Figure 3 - 11th Graders

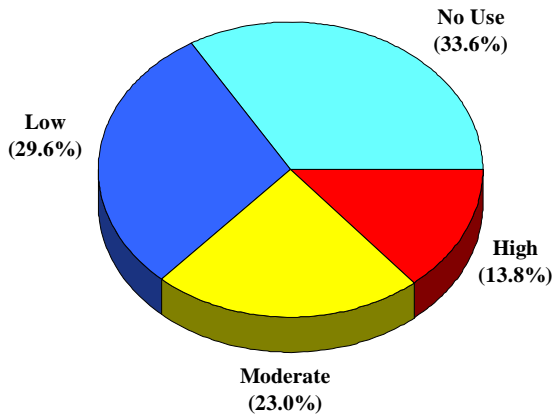
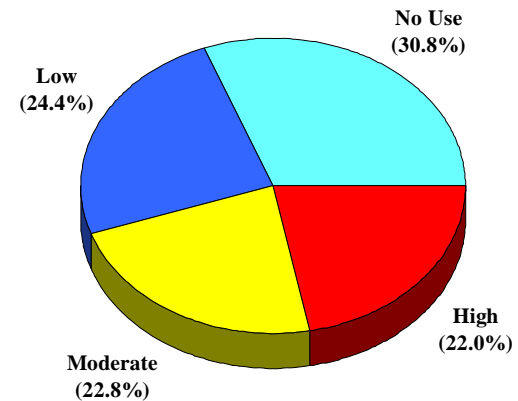


Figure 4 - 12th Graders



Percent of Polson Middle School Students By Level of Drug Involvement (2006-07)

Figure 1 - 7th Graders

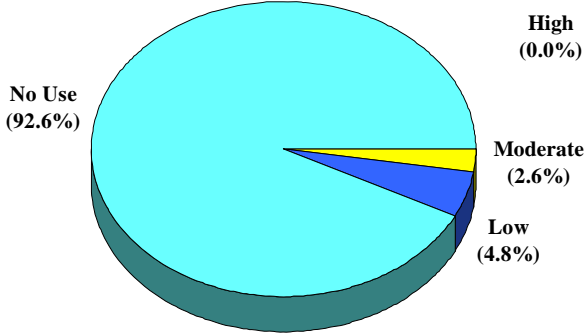
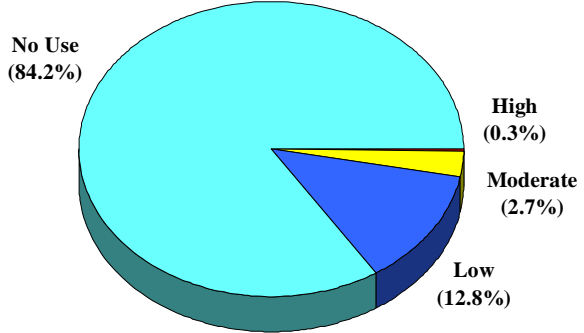


Figure 2 - 8th Graders



Where do we go from here?

Using Survey Results to Combat
Adolescent Substance Abuse

How will results be used?

- Design additional substance abuse prevention programs;
- Monitor effects of substance abuse intervention action steps;
- Coordinate the actions of schools and community agencies in their efforts to combat substance abuse by Madison youth; and
- Communicate problem of youth substance abuse to Madison community.

Steering Committee

- Represents an alliance among following:
 - Madison Public Schools
 - Madison Youth Services
 - Madison Committee on Children and Youth
 - Madison Police Services
 - Selectmen's Council on Substance Abuse

Planning for Action

- Create comprehensive action plan to combat substance abuse among youth (January-February)
- Present preliminary plan to BOE, BOS, BOF (March-April 2007)
- Conduct community forums to gain feedback and support for proposed plan (May-June)

Concurrent Training Initiatives

- Administrators, School Counselors, Teachers, Community Agencies Staff
 - Governor's Prevention Partnership
 - Prevention Skills and Strategies (Spring 2007)
 - Underage Drinking (Spring 2007)
 - Student Assistance Programs (Spring 2007)
 - Connecticut State Department of Education
 - Health Education Assessment Program (Ongoing)

Available Resources

- SAMHSA's (Substance Abuse / Mental Health Services Administration) Prevention Platform
 - Underage Alcohol Prevention Resources Kit
 - Underage Drinking Prevention Action Guide and Planner
- CSAP's (Center for Substance Abuse Prevention)
 - Centers for the Application of Prevention Technologies
- Governor's Prevention Partnership
- DMHAS (Department of Mental Health and Addiction Services)
 - Cultivating Programs that Work
- University of Montana
 - Research on Social Norms
 - "Most of Us" Campaign

As adults, we can shape the culture of the community. We can promote an alcohol and drug-free environment.

**We owe it to our
youth!**