

**Delaware School Survey:
Alcohol, Tobacco
& Other Drug Abuse
Among Delaware Students
2010**

REPORT
TO:

The Delaware Health Fund Advisory Committee and
The Division of Substance Abuse and Mental Health,
Department of Health and Social Services

Prepared by the Center for Drug & Alcohol Studies
University of Delaware

KEY STAFF ON THE 2010 DELAWARE SCHOOL SURVEY

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AND A CAST OF 20-30 OTHERS WHO PITCHED IN TO GO TO SCHOOLS

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KEY FINDINGS FROM THE 2010 SURVEY

DRUG USE

Trends in Drug Use by County

→ **In general, use of any of the drugs illegal for youth, including cigarettes and alcohol, did not differ significantly among the three Counties in Delaware.** This pattern was true for each of the 5th, 8th, and 11th grade samples. In general, there is no evidence that illegal substance use by Delaware youth is, for example, an urban problem or a Northern Delaware problem; the problem of substance use is consistent and persistent across the state. The notable exception to this pattern may be greater use of smokeless tobacco and cigarette use in Sussex County across all grades.

Trends in Tobacco Product Use

→ Between 1989 - 2005, reports of monthly drug use by 5th graders have remained low and stable.

→ **Cigarette use by 8th and 11th graders has fluctuated greatly since 1989 with statistically significant increases in the early 1990s and significant declines since 1998.** The levels of past month cigarette smoking reported in 2010 for 8th graders (7%) and 11th graders (14%) were the lowest since the surveys began in 1989. The decrease in youth smoking since the late 1990s is one of the great public health success stories nationally. The declines have been even more dramatic in Delaware where smoking prevention efforts have been a priority of the State and schools.

→ **Cigars are much more prevalent among youth than either smokeless tobacco or bidis/kreteks.** In 2010, 15% of 8th graders have tried cigars, while 9% have tried smokeless tobacco. For 11th graders, 34% have tried cigars and 17% have tried smokeless tobacco.

Trends in Alcohol Use

→ **Almost two in five 11th graders (37%) and one in five 8th graders (19%) report past month alcohol use.** There have been gradual declines in rates of alcohol use and current rates are the lowest measured since the beginning of the surveys. However, alcohol remains the most consistently reported drug in all grades.

→ **High levels of binge drinking (defined as 3 or more drinks at a time in the past 2 weeks) were reported by both 8th graders (9%) and 11th graders: 21%.**

Trends in Marijuana Use

→ In 2008, a trend in decline of marijuana use by 8th and 11th graders ended, and rates have increased slightly since that time, with 12% of 8th graders and 24% of 11th graders reporting past month use in 2010.

→ **Both 8th and 11th graders are more likely to report past month marijuana use than past month cigarette use – not just because marijuana use is up, but also because cigarette use is down.**

Trends in Prescription Drug Abuse

→ Narcotic painkillers (Oxycontin, Codeine, Percocet and Tylenol 3) were first asked about in 2002. **Reported use of pain killers by 11th graders was at its highest in 2003 at 12%. It has dropped slightly since, with 10% of 11th graders reporting past year painkiller use in 2010.**

→ **Painkillers were the most commonly abused drugs in the past year for both 8th and 11th graders after cigarettes, alcohol, and marijuana.**

→ Painkillers were followed in the list of most abused “other illegal drugs” by psychoactive medications (Ritalin, Adderall, Cylert, and Concerta), downers, and uppers. **These data support recent national findings that the illegal diversion of prescription medications is an emerging youth drug problem.**

→ Use of psychoactive medications was significantly associated with current cigarette, alcohol, marijuana, and other drug use for both 8th and 11th graders. In 2010, the survey asked about non-prescribed use of Ritalin and similar drugs “to get high.” **One percent of 8th graders and 5% of 11th graders reported use of Ritalin and like drugs to get high in the past year.**

OTHER RISK BEHAVIORS

Driving Under the Influence

→ **Reported levels of drinking and driving remain very close to reported levels of driving under the influence of marijuana.** In 2010, 11th graders reported the same levels, 6%, of 11th graders driving after smoking marijuana and driving after drinking alcohol in the past month

Delinquency

→ **Among both 8th and 11th graders, past month substance use – whether cigarettes, alcohol, or marijuana – was highly correlated with other delinquent behaviors such as gang fights, stealing, illegal entry, and trouble with police.**

RISK AND PROTECTIVE FACTORS

Individual

Grade

→ **In the 5th grade, most students have not yet experimented with drugs. Even the most common drug tried – alcohol -- has only been tried by 15% of 5th graders.** Cigarettes and inhalants have been tried by 5% and marijuana by 2%. Fifth graders who have tried cigarettes declined from 18% in 1998 to 8% in 2005. In 2005, 2% of 5th graders have tried a cigar and 2% have tried smokeless tobacco.

Gender

→ **8th grade girls were slightly more likely to drink alcohol and to use illegal drugs other than marijuana than 8th grade boys.** For 11th graders, cigarette and inhalant use was similar for girls and boys, but boys were a little more likely to drink alcohol and were significantly more likely to binge drink.

→ **For 11th graders, boys were significantly more likely to use marijuana than were girls.**

Peers as a Source

→ **For all students who are current smokers, the most likely place they get cigarettes is from friends: about three-quarters of smokers get cigarettes from friends.** Getting cigarettes from siblings and an unknowing parent are the next most common ways of getting cigarettes. Also of note is the high percentage of 5th and 8th grade smokers who steal cigarettes from their parents without the parents knowing.

Family/Parents

Family Relationships

→ **For all grades, the more students reported that they got along well with their parents, did not fight with their parents, and communicated well with their parents, the less likely they were to use drugs.** Positive parental involvement seems to be a strong protective factor, and this is particularly true for middle school students.

→ **Students whose parents or siblings smoked cigarettes were more likely to smoke cigarettes and to use other drugs.**

HOW DOES DELAWARE COMPARE WITH OTHER STATES AND THE NATION?

DELAWARE SCHOOL SURVEYS OVERVIEW

This study is the continuation of a survey that was first administered to Delaware students in Spring, 1989. From 1989 through 1994, the survey was conducted for the Delaware Department of Education with the Perspectives, Attitudes and Use Survey (PAUS). From 1995 to 1998, the Delaware School Survey of Alcohol, Tobacco and Other Drug Abuse was supported by the Delaware Prevention Coalition (administered through the Office of Prevention in the Department of Services for Children, Youth and Their Families) and conducted by the Center for Drug and Alcohol Studies at the University of Delaware. From 1999 to 2003, the survey was a part of the Delaware State Incentive Grant (SIG) Cooperative Agreement from the Substance Abuse and Mental Health Services Administration's Center for Substance Abuse Prevention (CSAP). The Delaware SIG was administered by Delaware Health and Social Services, Division of Substance Abuse and Mental Health. Since 2004, the Delaware School Survey has been jointly sponsored by the Delaware Legislature through the Delaware Health Fund and by support from the Division of Substance Abuse and Mental Health through federal Prevention Block Grant funding.

The objectives of the Delaware School Survey are:

- A. To provide estimates of students' Alcohol, Tobacco and Other Drug Abuse (ATODA) attitudes as well as the incidence and prevalence of substance use for National Outcomes Measures (NOMS) reporting and other reports to federal agencies;
- B. To provide estimates of student ATODA incidence, prevalence, abuse, and dependence for state assessment, planning, and funding purposes;
- C. To provide ongoing trend data; and
- D. To provide information for other state and local planning and assessment purposes – particularly to individual schools and districts.

Since 1999 the survey has been expanded from the sample used in previous years to an attempt to interview most 5th, 8th, and 11th graders in the Delaware public schools. The survey is conducted from January into June each year as an anonymous classroom administration, using a form that can be completed in no more than one class period. Classroom administrations are conducted by University of Delaware personnel, rather than by teachers, to reduce teacher burden and to help increase students' perceptions that the results were not seen by school personnel. Classroom administrations are coordinated with two other surveys administered in Delaware Schools asking about substance use: the Centers for Disease Control and Prevention (CDC) Youth Risk Behavior Survey (YRBS), which is administered in odd years and the CDC's Youth Tobacco Survey (YTS) which is administered in even years. This coordination ensures that no classroom has to complete more than one survey in any year. Parents are informed about the survey and given the opportunity to decide if their child should not participate. Students also get to choose whether to participate. Only a very small number of parents or students chose not to participate. All consent procedures are reviewed annually and approved by the University of Delaware's Institutional Review Board. The numbers of completed interviews, after excluding any students who reported using a fictitious drug (included as a question) or who otherwise obviously falsified their answers, are reported in the following table.

SAMPLE DESCRIPTION -- DELAWARE SCHOOL SURVEY

| | FIFTH GRADE (N= 7745) | EIGHTH GRADE (N= 6572) | ELEVENTH GRADE (N= 5478) |
|---------------------------|----------------------------------|-----------------------------------|-------------------------------------|
| GENDER (%) | | | |
| Males | 51 | 48 | 50 |
| Females | 49 | 52 | 50 |
| ETHNICITY (%) | | | |
| White Non-Hispanic | 42 | 48 | 54 |
| Black Non-Hispanic | 26 | 26 | 25 |
| Hispanic/Latino | 15 | 15 | 12 |
| Other | 17 | 11 | 10 |
| COUNTY (Ns) | | | |
| New Castle | 4514 | 3875 | 3253 |
| Kent | 1816 | 1559 | 1283 |
| Sussex | 1415 | 1138 | 942 |

The survey included the Census version of race/ethnicity. In this format, race, and whether students consider themselves Hispanic are asked in two separate questions. Some students who would have previously identified themselves as white, African-American or "other" are now identified as Hispanics.

Surveys were completed in all 19 school districts in the State and in all Charter Schools. Each of our samples since 1999 allows for statewide and countywide estimates that have much greater reliability and smaller confidence intervals than what were available in previous years.

Since 1995, the cooperation and assistance of the schools and school district offices has been essential to completing the study, and we are very grateful for their help. This year, once again, all public schools in the State agreed to participate. The results have proved useful and important for the state agencies involved, for legislative initiatives, and for the communities statewide who are dealing with the problems of alcohol, tobacco, and other drug use among youth. The expanded samples from 1999 to present have proven even more useful than in providing community-level data to schools, state agencies, and communities statewide dealing with the problems of alcohol, tobacco, and other drug use among youth. Reports to the Districts since 1999 have been based on significantly more reliable samples. Data from this year's survey are being used for Federal reporting requirements to the Department of Health and Humans Services, the Department of Education, and the CDC. Results from the surveys are also a regular part of the *Kids Count* Reports in Delaware. The findings are being used by schools and by school districts in their applications for competitive state and federal grants. Information is used to measure prevention program effectiveness in schools and communities. The ongoing collaboration of schools, state agencies, the Delaware legislature and the University of Delaware enables us to provide this service to the State of Delaware.

I. Trends in Past Month or Regular Drug Use in Delaware, 1989-Present

Cigarette, Alcohol, and Marijuana Use Among 5th, 8th, 11th Graders

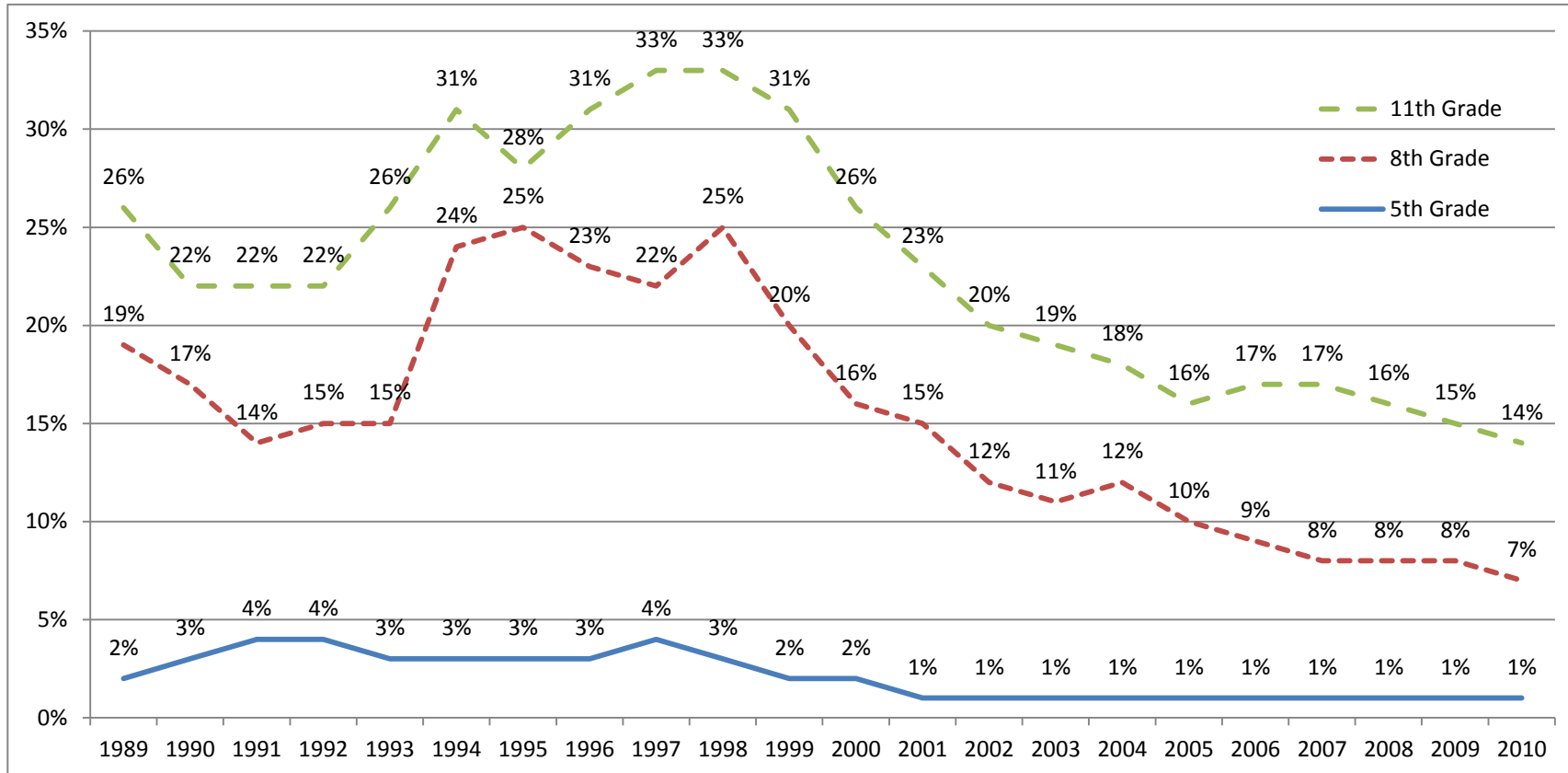
Inhalant, Hallucinogen, Stimulant, Cocaine, Heroin, Ecstasy, and Prescription Drug Use Among 8th Graders

Inhalant, Hallucinogen, Stimulant, Cocaine, Heroin, Ecstasy, and Prescription Drug Use Among 11th Graders

Average Age of Onset for Tobacco, Alcohol, and Marijuana for 8th and 11th Graders

Perceived Risk of Using Tobacco, Alcohol, and Marijuana for 8th and 11th Graders

TRENDS IN DELAWARE STUDENTS' CIGARETTE USE BY GRADE SELF-REPORTED REGULAR USE, 1989 - Present



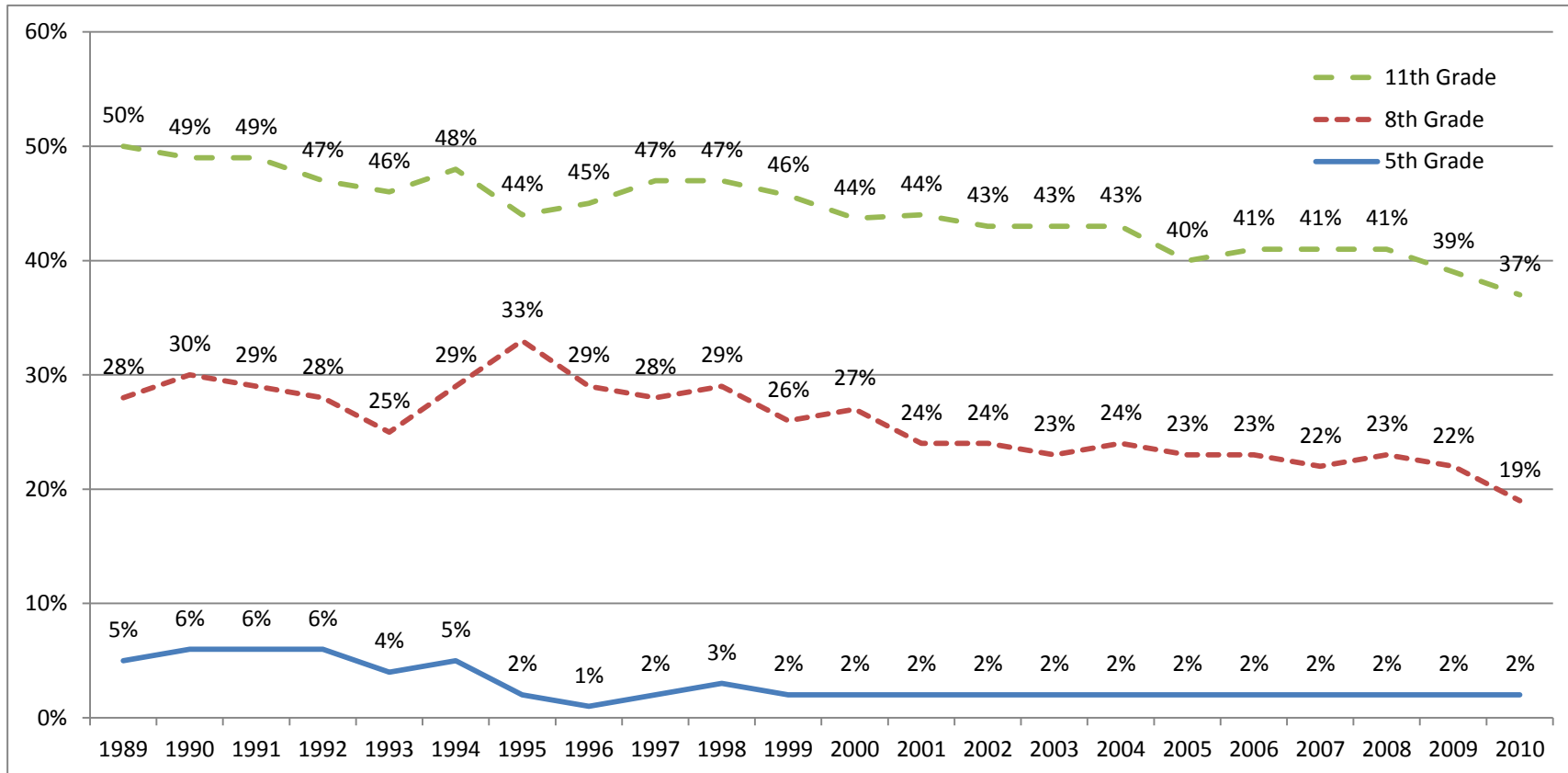
Regular use is defined as reports of once a month or more often; see footnote page.

Source: Data Base/DiagnosticsPlus (1989-1993); Department of Public Instruction (1994); Delaware School Survey, Center for Drug and Alcohol Studies, University of Delaware (1995-Present).

These statistics contribute to the National Outcome Measures (NOMs)

Note: Displayed percentiles are rounded to the nearest whole number.

TRENDS IN DELAWARE STUDENTS' ALCOHOL USE BY GRADE SELF-REPORTED REGULAR USE, 1989 - Present



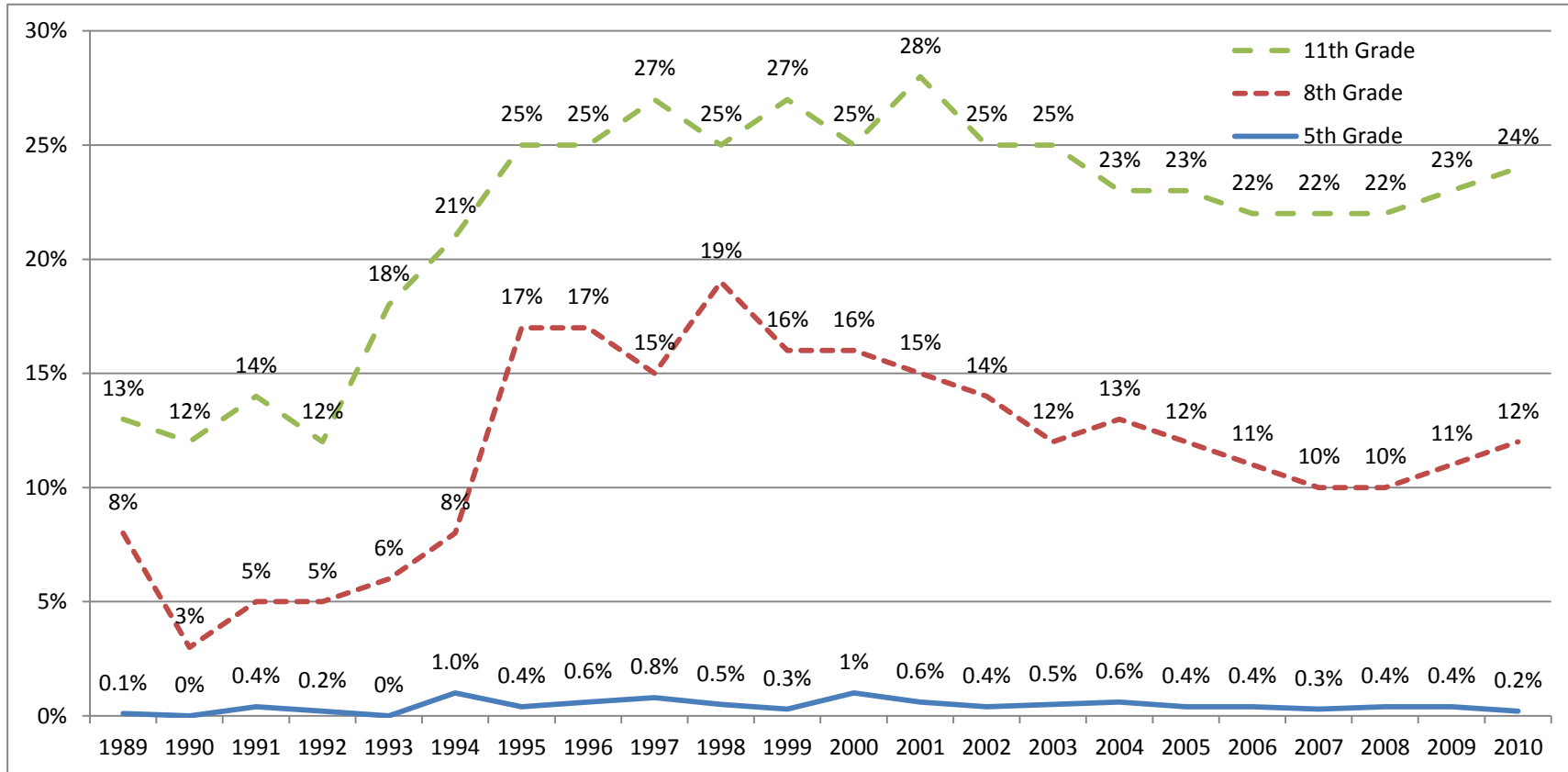
Regular use is defined as reports of once a month or more often; see footnote page.

Source: Data Base/DiagnosticsPlus (1989-1993); Department of Public Instruction (1994); Delaware School Survey, Center for Drug and Alcohol Studies, University of Delaware (1995-Present).

These statistics contribute to the National Outcome Measures (NOMs)

Note: Displayed percentiles are rounded to the nearest whole number.

TRENDS IN DELAWARE STUDENTS' MARIJUANA USE BY GRADE SELF-REPORTED REGULAR USE, 1989 - Present



Regular use is defined as reports of once a month or more often; see footnote page.

Source: Data Base/DiagnosticsPlus (1989-1993); Department of Public Instruction (1994); Delaware School Survey, Center for Drug and Alcohol Studies, University of Delaware (1995-Present).

These statistics contribute to the National Outcome Measures (NOMs)

Note: Displayed percentiles are rounded to the nearest whole number.

**TRENDS IN MONTHLY USE OF OTHER ILLEGAL DRUGS
AMONG DELAWARE EIGHTH GRADERS 1989-Present
(Percentages)**

| DRUG | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|
| Inhalants ^c | 2 | 2 | 2 | 1 | 2 | 2 | 9 | 6 | 9 | 8 | 5 | 6 | 5 | 5 | 6 | 6 | 2 | 2 | 2 | 2 | 1 | 2 | |
| Hallucinogens | 1 | - | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | - | - | - | - | - | - | - | - | - | |
| Stimulants | 4 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | - | - | - | - | - | |
| Cocaine | 1 | - | 1 | - | - | 1 | 1 | - | 1 | 1 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | |
| Heroin ^a | na | na | na | na | na | na | na | na | 1 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | |
| Designer Drugs/ Ecstasy ^{ab} | na | na | na | na | na | na | - | 1 | 1 | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - | |
| Ritalin ^a | na | na | na | na | na | na | na | na | na | na | na | na | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | - |
| Painkillers ^a | na | na | na | na | na | na | na | na | na | na | na | na | na | 3 | 2 | 3 | 2 | 3 | 2 | 2 | 2 | 2 | 2 |
| Prescription Drugs (Past Year) ^a | na | na | na | na | na | na | na | na | na | na | na | na | na | na | na | na | 13 | 15 | 11 | 12 | 13 | 12 | |
| Any Illegal Drugs (excluding marijuana) ^a | na | na | na | na | na | na | na | na | na | na | 8 | 9 | 8 | 7 | 9 | 10 | 6 | 6 | 5 | 6 | 5 | 4 | |

Note: (-) indicates less than one-half of one percent.

^a(na) indicates question was not asked that year.

^b Through 1999, the question asked about “designer drugs (XTC, Special K & Roche)”. From 2000 on, the question asked explicitly about ecstasy.

^cInhalant question altered in 2005 and subsequently

Source: Data Base/DiagnosticsPlus (1989-1993); Department of Public Instruction (1994); Delaware School Survey, Center for Drug and Alcohol Studies, University of Delaware (1995-Present).

Note: Displayed percentiles are rounded to the nearest whole number.

**TRENDS IN MONTHLY USE OF OTHER ILLEGAL DRUGS
AMONG DELAWARE EIGHTH GRADERS 1989-Present
(Percentages)**

| DRUG | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Inhalant ^{sc} | 3 | 2 | 1 | 2 | 1 | 4 | 2 | 3 | 3 | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 1 | 1 | - | 1 | - | - |
| Hallucinogens | 2 | 1 | 3 | 2 | 3 | 4 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 1 | - | - | 1 | 1 | 1 | - | - | - |
| Stimulants | 3 | 2 | 3 | 3 | 3 | 4 | 2 | 2 | 4 | 3 | 2 | 3 | 2 | 1 | 2 | 1 | 1 | 1 | - | - | 1 | - |
| Cocaine | 3 | 2 | 1 | 1 | - | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | - | 1 | - | 1 | 1 | 1 | 1 | 1 | - |
| Heroin ^a | 1 | - | 1 | - | - | na | 1 | 1 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| Designer Drugs/ Ecstasy ^{ab} | na | na | na | na | na | na | - | 1 | 1 | 1 | 1 | 3 | 2 | 1 | - | - | - | - | - | - | - | - |
| Ritalin ^a | na | na | na | na | na | na | na | na | na | na | na | na | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Painkillers ^a | na | na | na | na | na | na | na | na | na | na | na | na | na | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| Prescription Drugs (Past Year) ^a | na | na | na | na | na | na | na | na | na | na | na | na | na | na | na | na | 18 | 22 | 20 | 20 | 21 | 20 |
| Any Illegal Drugs (excluding marijuana) ^a | na | na | na | na | na | na | na | na | na | na | 7 | 8 | 8 | 6 | 9 | 8 | 7 | 7 | 6 | 7 | 7 | 6 |

Note:

(-) indicates less than one-half of one percent.

^a(na) indicates question was not asked that year.

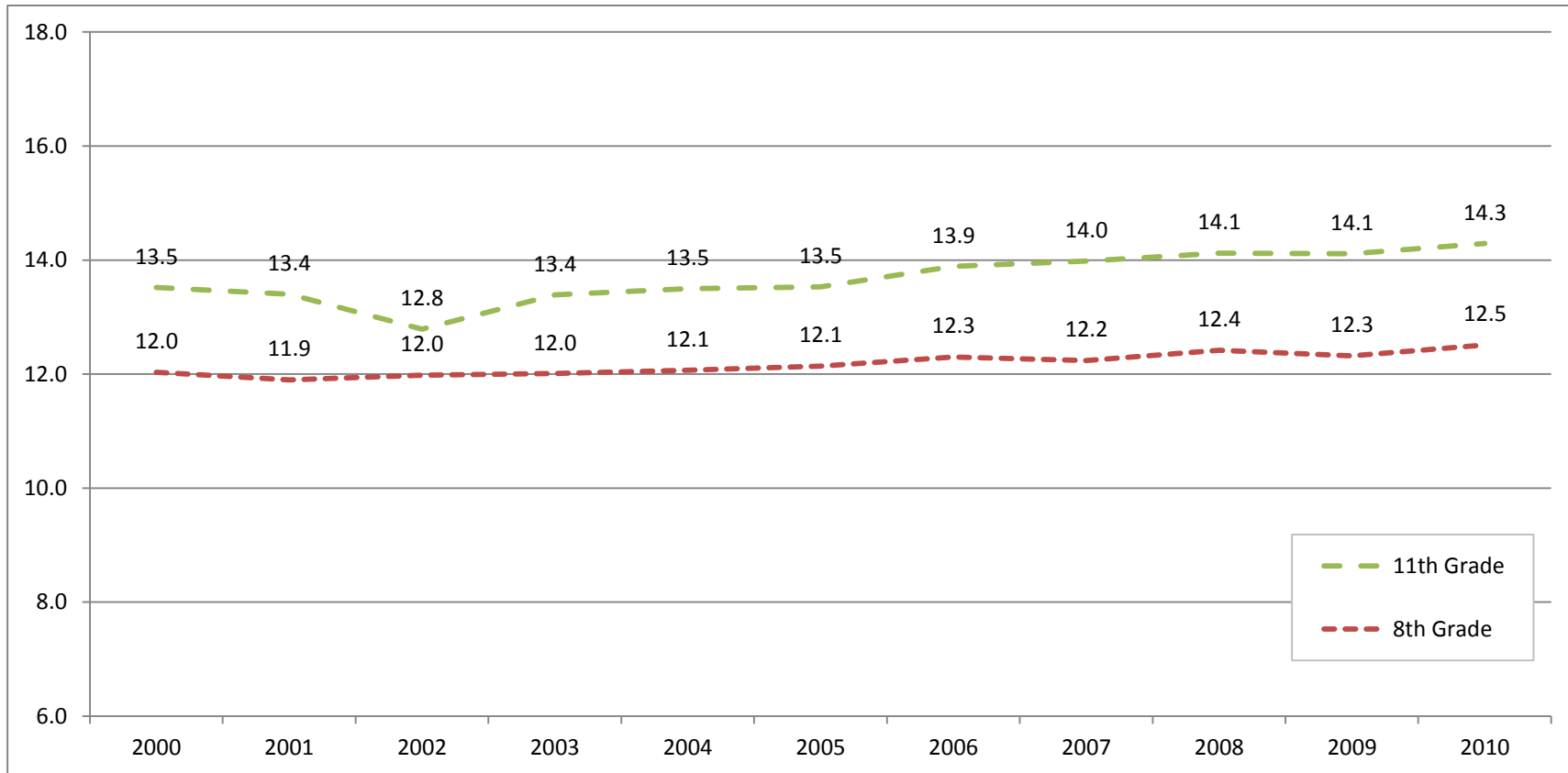
^b Through 1999, the question asked about “designer drugs (XTC, Special K & Roche)”. From 2000 on, the question asked explicitly about ecstasy.

^cInhalant question altered in 2005 and subsequently

Source: Data Base/DiagnosticsPlus (1989-1993); Department of Public Instruction (1994); Delaware School Survey, Center for Drug and Alcohol Studies, University of Delaware (1995-Present).

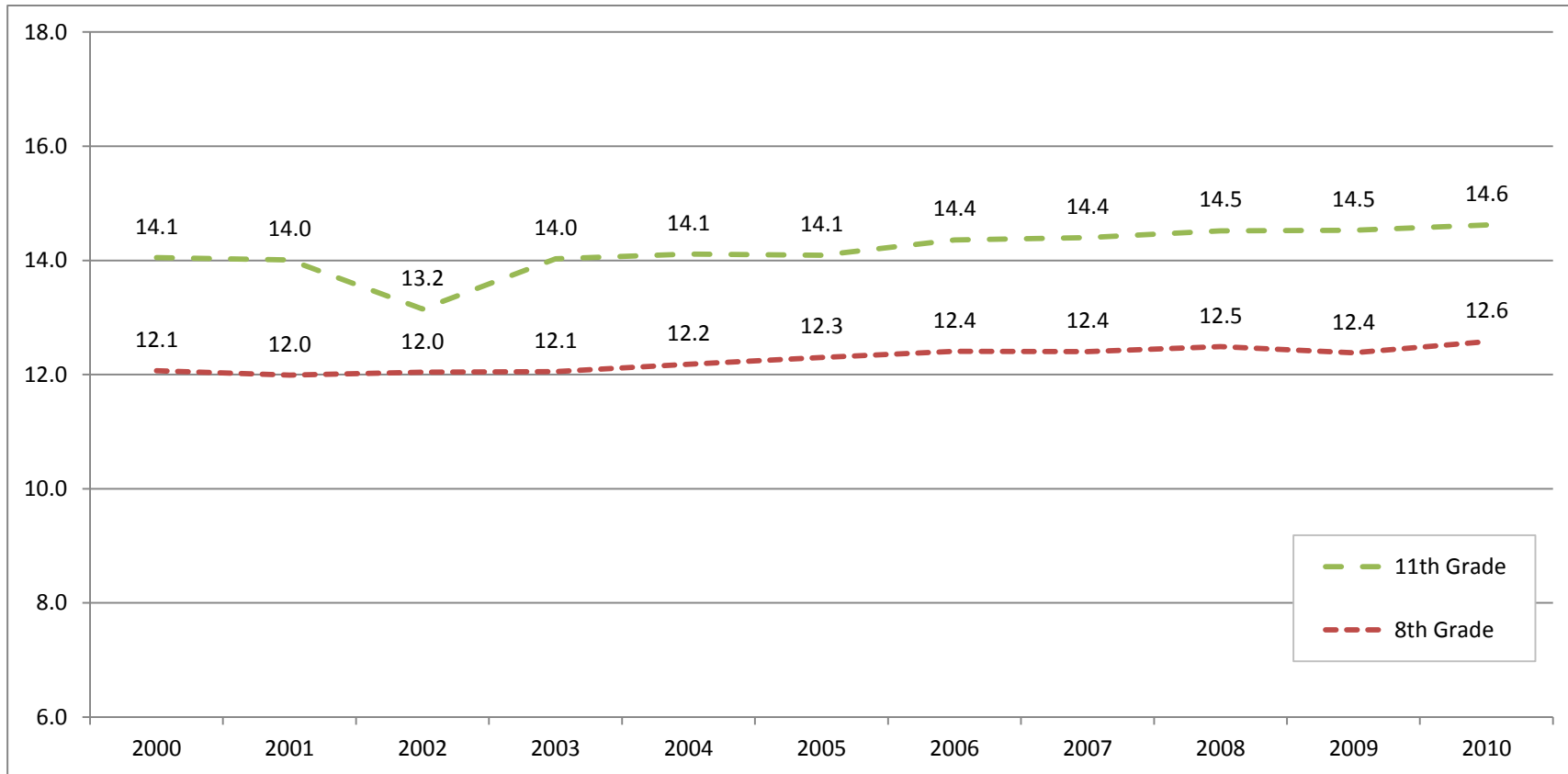
Note: Displayed percentiles are rounded to the nearest whole number.

TRENDS IN DELAWARE STUDENTS' AGE OF ONSET Age First Used Tobacco*



* Among those who have ever smoked
 These statistics contribute to the National Outcome Measures (NOMs)

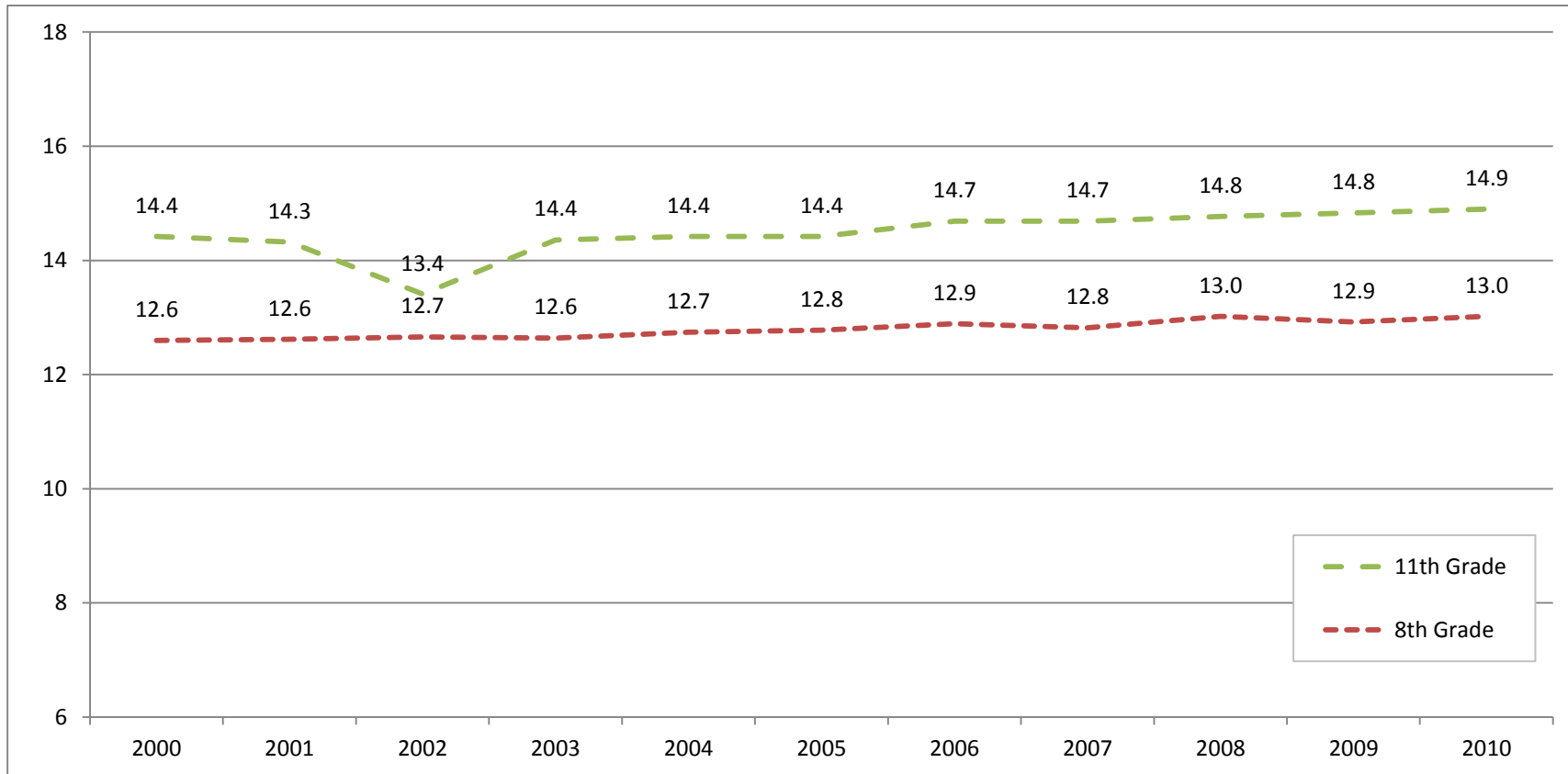
TRENDS IN DELAWARE STUDENTS' AGE OF ONSET Age First Used Alcohol*



* Among those who have ever drunk alcohol

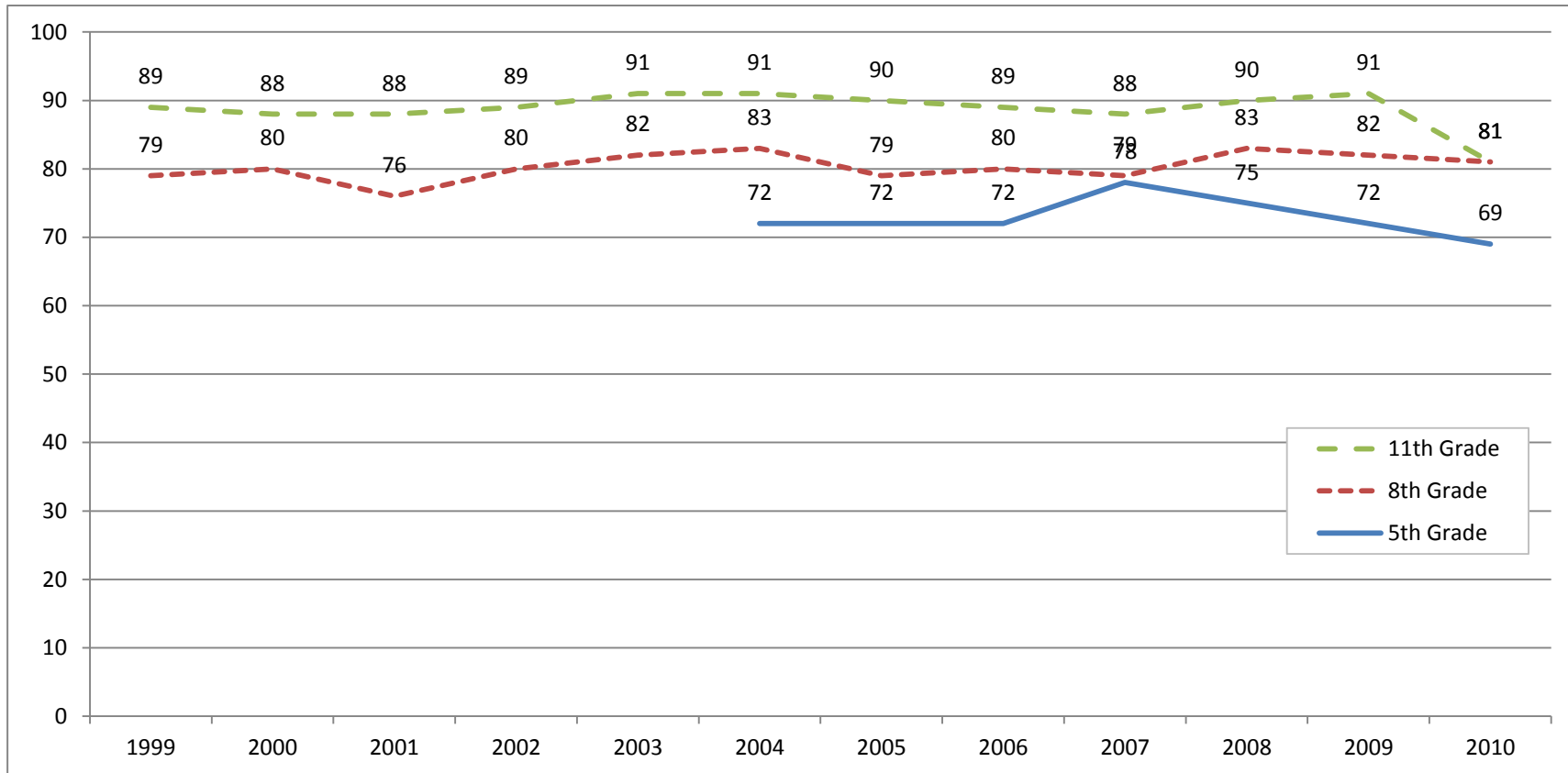
These statistics contribute to the National Outcome Measures (NOMs)

TRENDS IN DELAWARE STUDENTS' AGE OF ONSET Age First Used Marijuana*



* Among those who have ever used marijuana
 These statistics contribute to the National Outcome Measures (NOMs)

TRENDS IN DELAWARE STUDENTS' PERCEIVED RISK BY GRADE Daily Cigarette Use

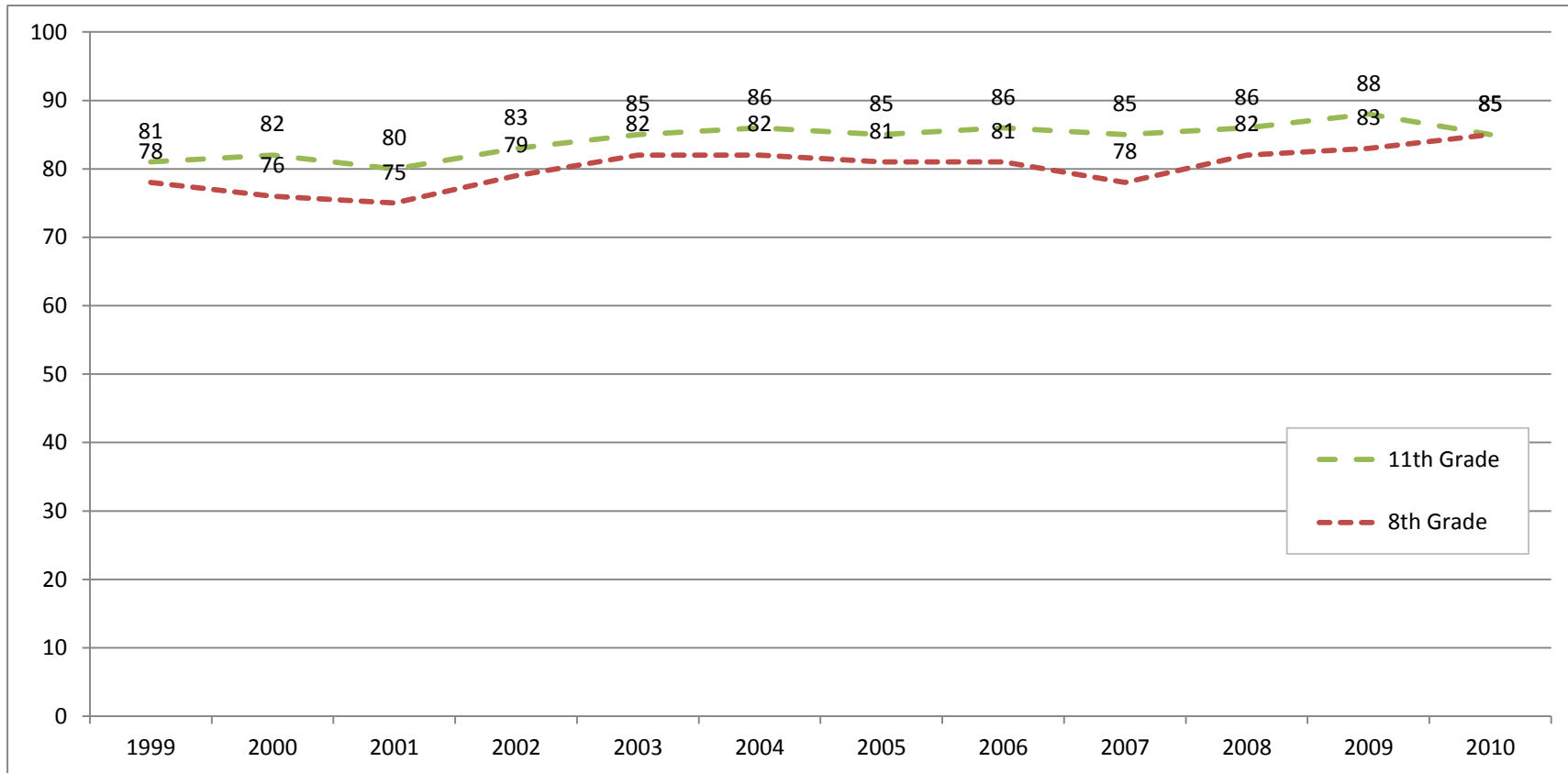


These statistics contribute to the National Outcome Measures (NOMs)

"Perceived Risk" refers to students who reported "Moderate Risk" or "Great Risk" of harming themselves by using this substance

Note: Displayed percentiles are rounded to the nearest whole number.

TRENDS IN DELAWARE STUDENTS' PERCEIVED RISK BY GRADE Binge Drinking



These statistics contribute to the National Outcome Measures (NOMs)

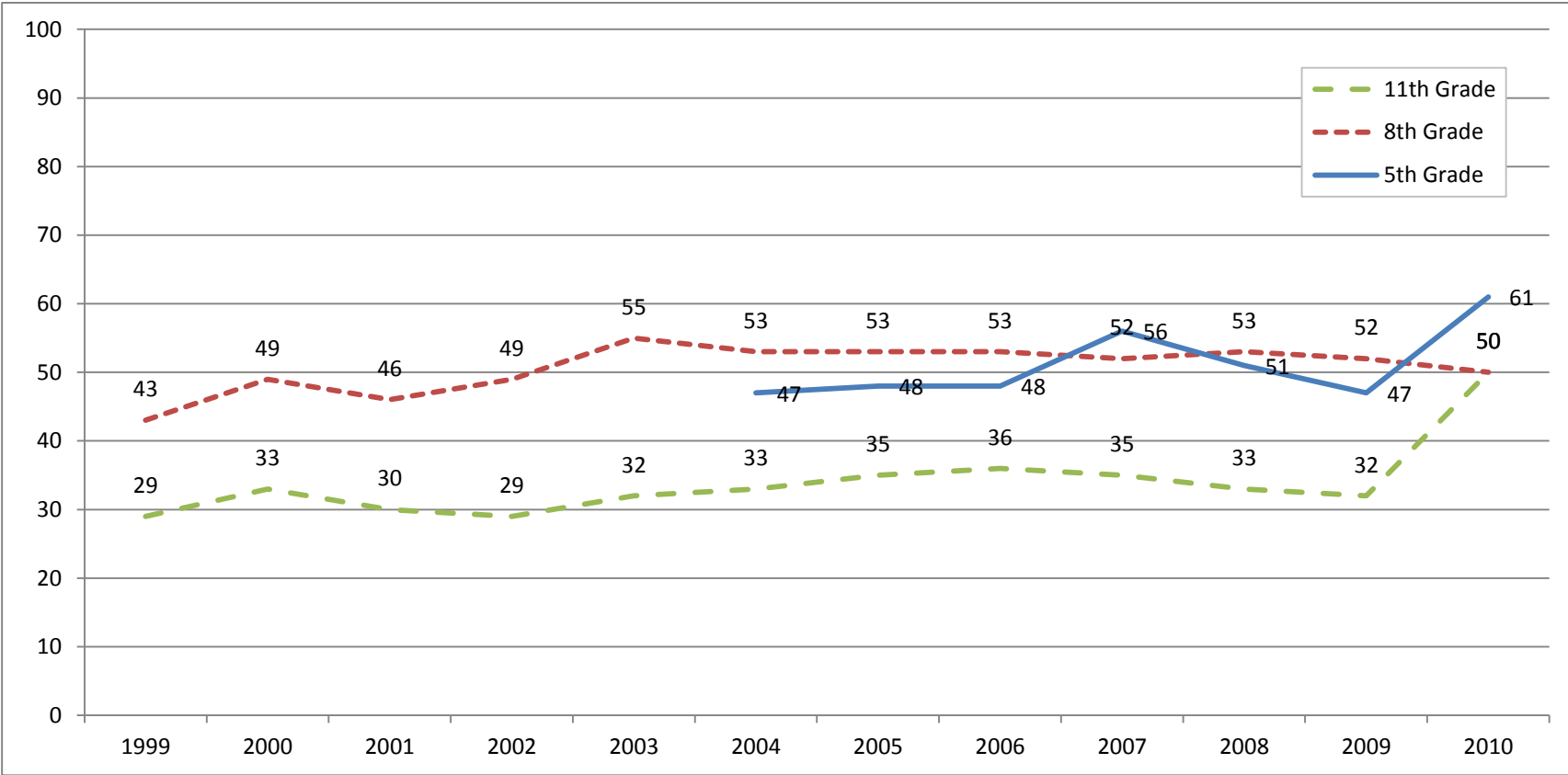
Binge drinking is defined as having five or more drinks in one sitting

"Perceived Risk" refers to students who reported "Moderate Risk" or "Great Risk" of harming themselves by using this substance

Note: Displayed percentiles are rounded to the nearest whole number.

TRENDS IN DELAWARE STUDENTS' PERCEIVED RISK BY GRADE

Trying Marijuana

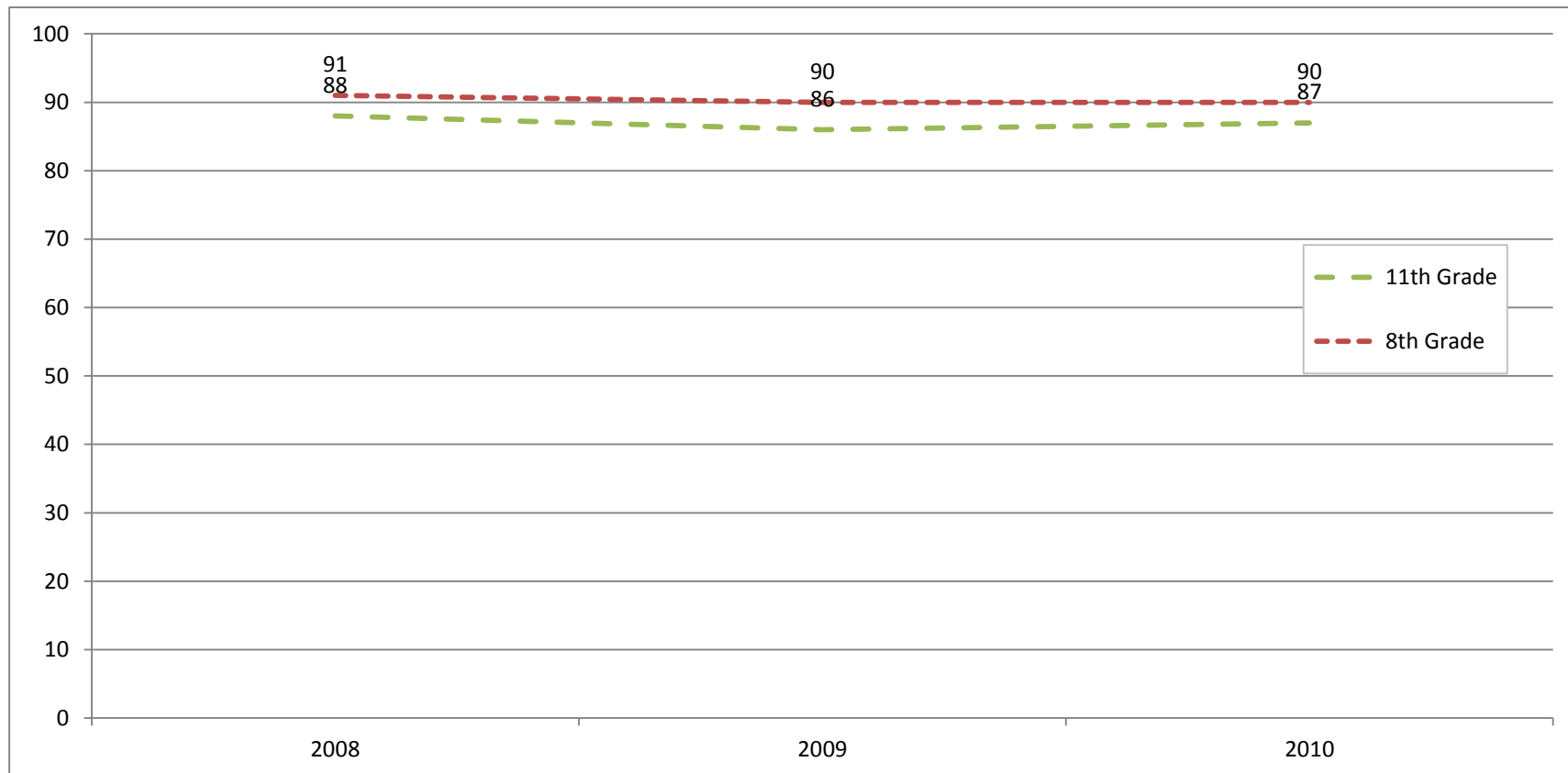


These statistics contribute to the National Outcome Measures (NOMs)

"Perceived Risk" refers to students who reported "Moderate Risk" or "Great Risk" of harming themselves by using this substance

Note: Displayed percentiles are rounded to the nearest whole number.

TRENDS IN DELAWARE STUDENTS' DISAPPROVAL BY GRADE Using Tobacco

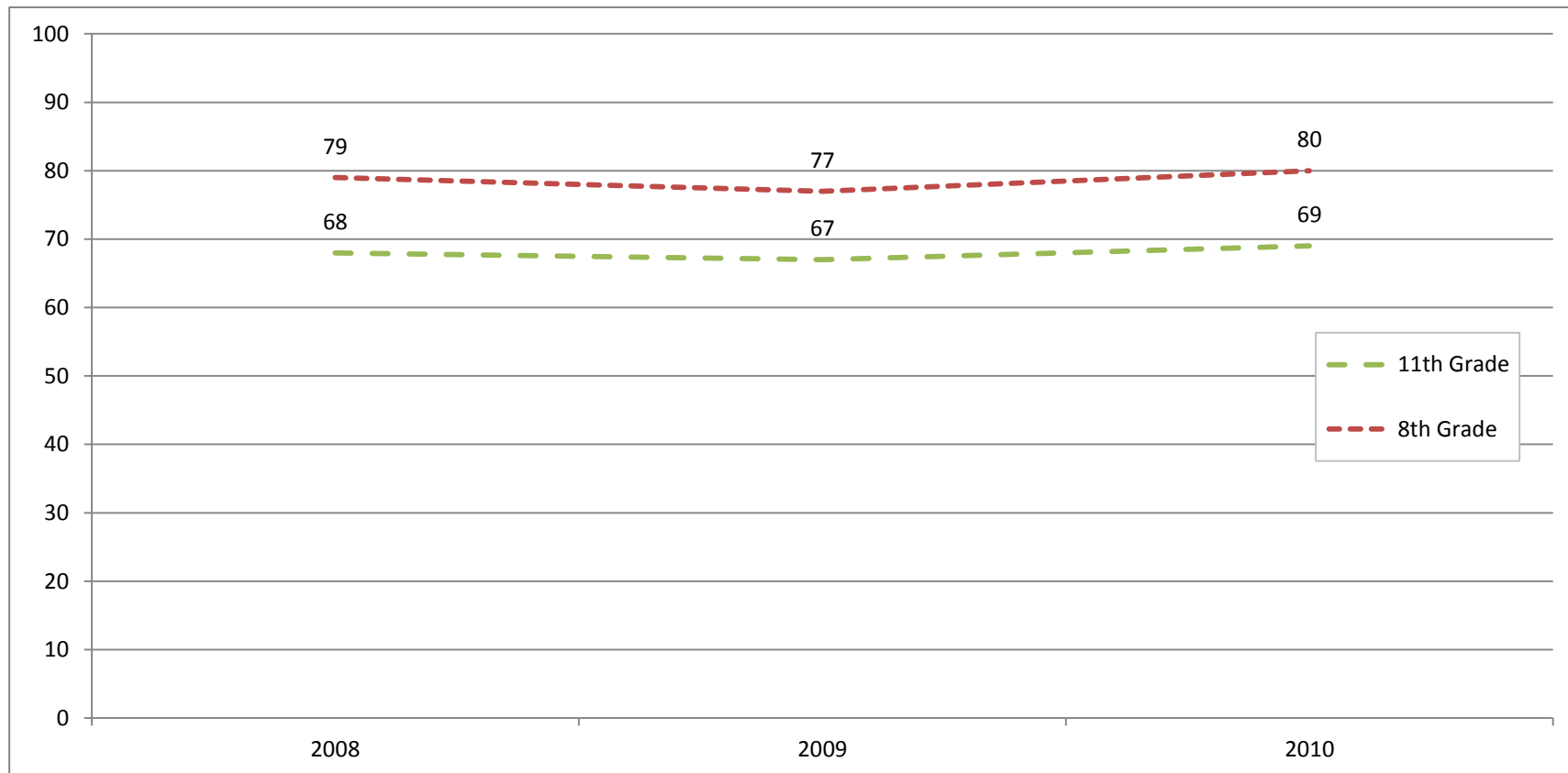


These statistics contribute to the National Outcome Measures (NOMs)

"Disapproval" refers to students who reported using the substance as "Wrong" or "Very Wrong"

Note: Displayed percentiles are rounded to the nearest whole number.

TRENDS IN DELAWARE STUDENTS' DISAPPROVAL BY GRADE Using Alcohol Daily

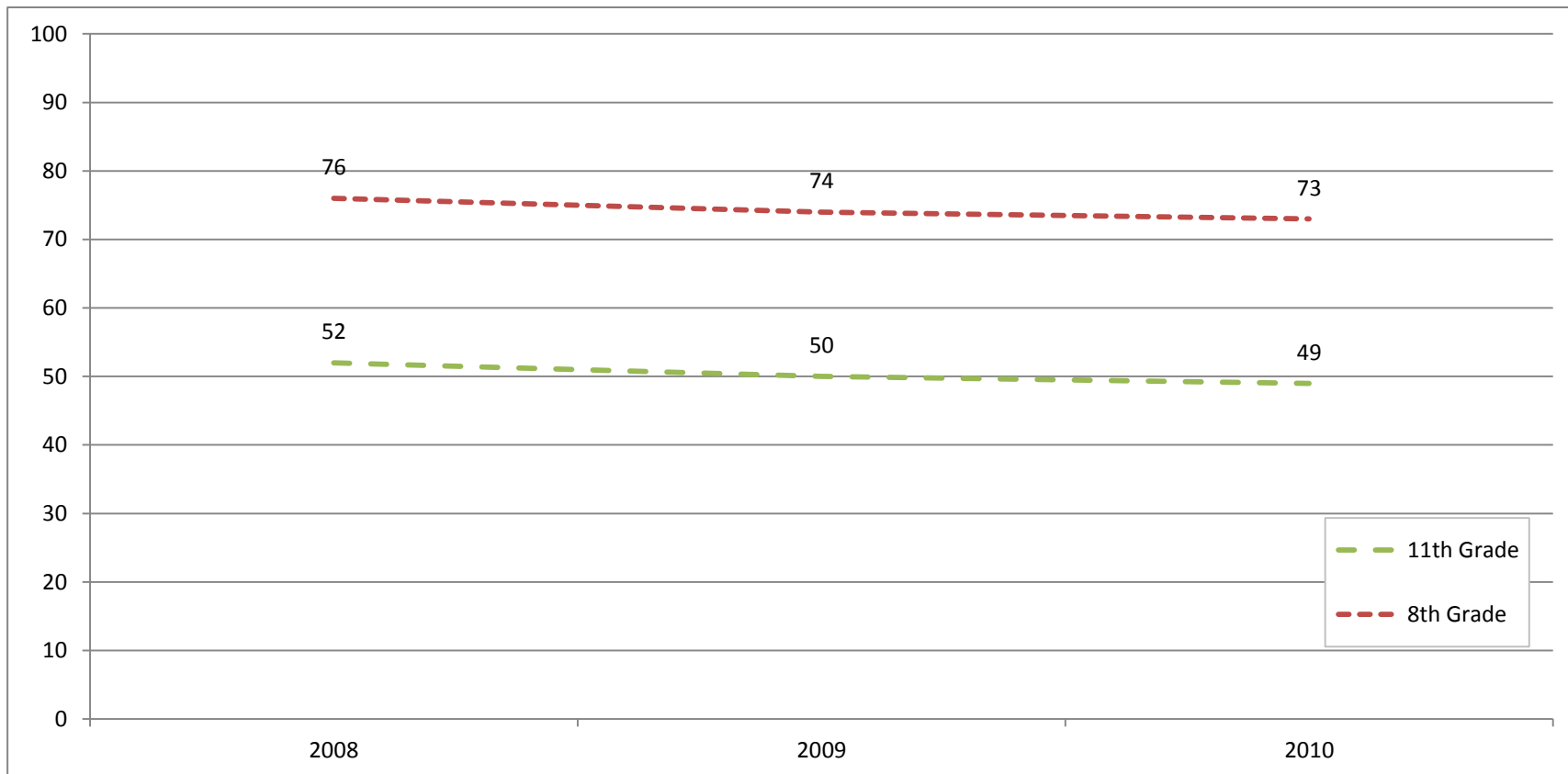


These statistics contribute to the National Outcome Measures (NOMs)

"Disapproval" refers to students who reported using the substance as "Wrong" or "Very Wrong"

Note: Displayed percentiles are rounded to the nearest whole number.

TRENDS IN DELAWARE STUDENTS' DISAPPROVAL BY GRADE Trying Marijuana

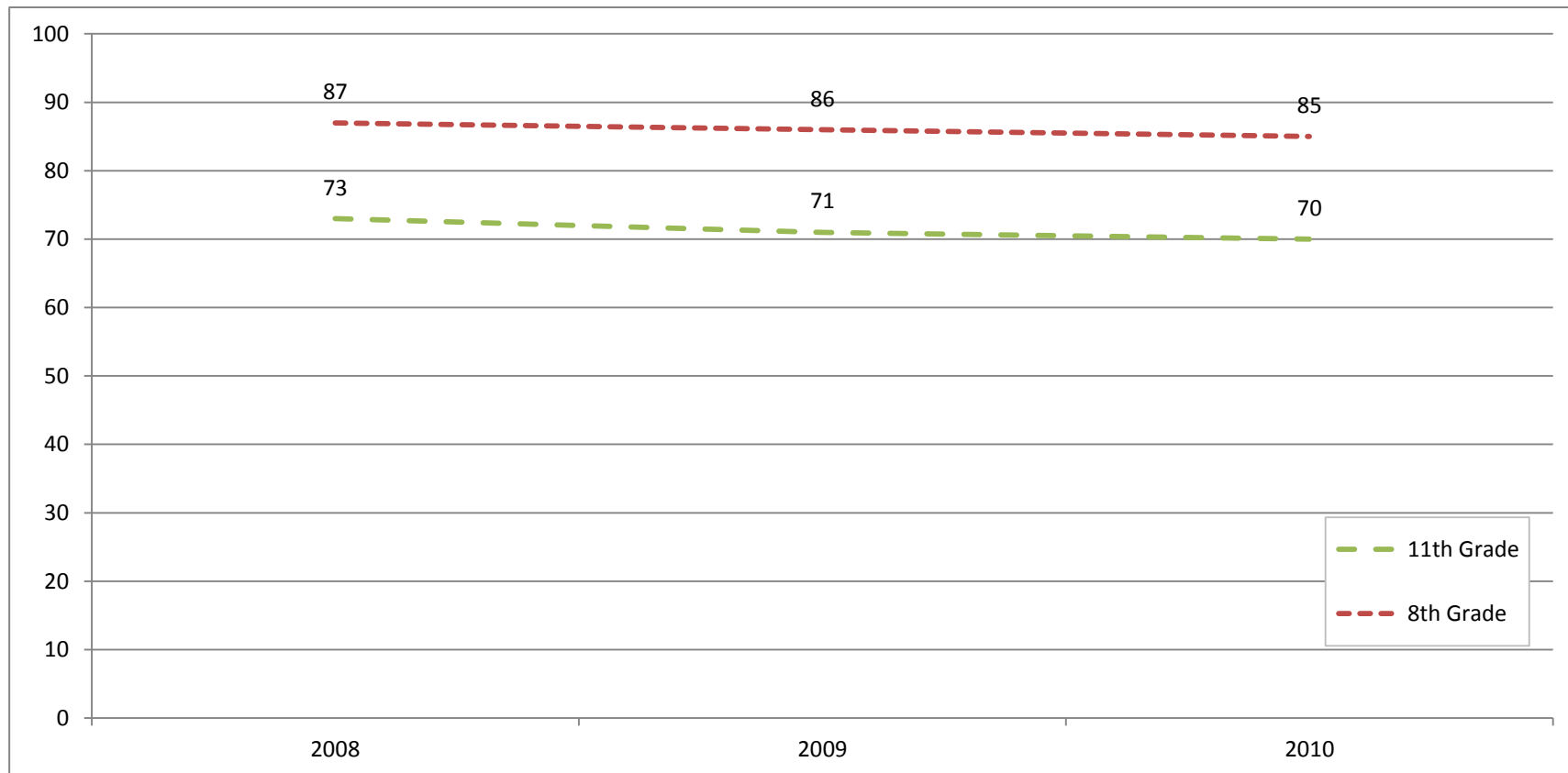


These statistics contribute to the National Outcome Measures (NOMs)

"Disapproval" refers to students who reported using the substance as "Wrong" or "Very Wrong"

Note: Displayed percentiles are rounded to the nearest whole number.

TRENDS IN DELAWARE STUDENTS' DISAPPROVAL BY GRADE Using Marijuana Regularly

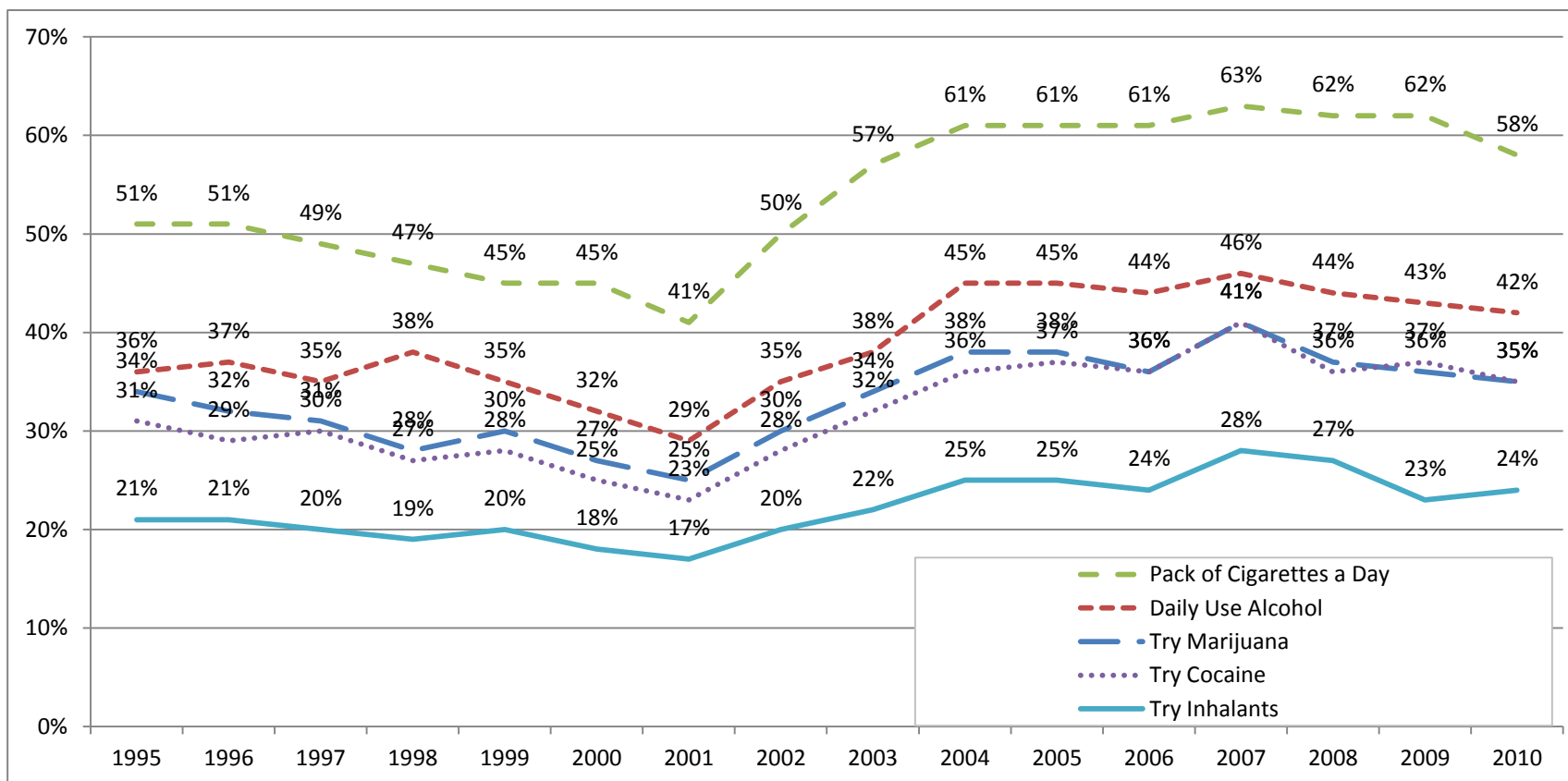


These statistics contribute to the National Outcome Measures (NOMs)

"Disapproval" refers to students who reported using the substance as "Wrong" or "Very Wrong"

Note: Displayed percentiles are rounded to the nearest whole number.

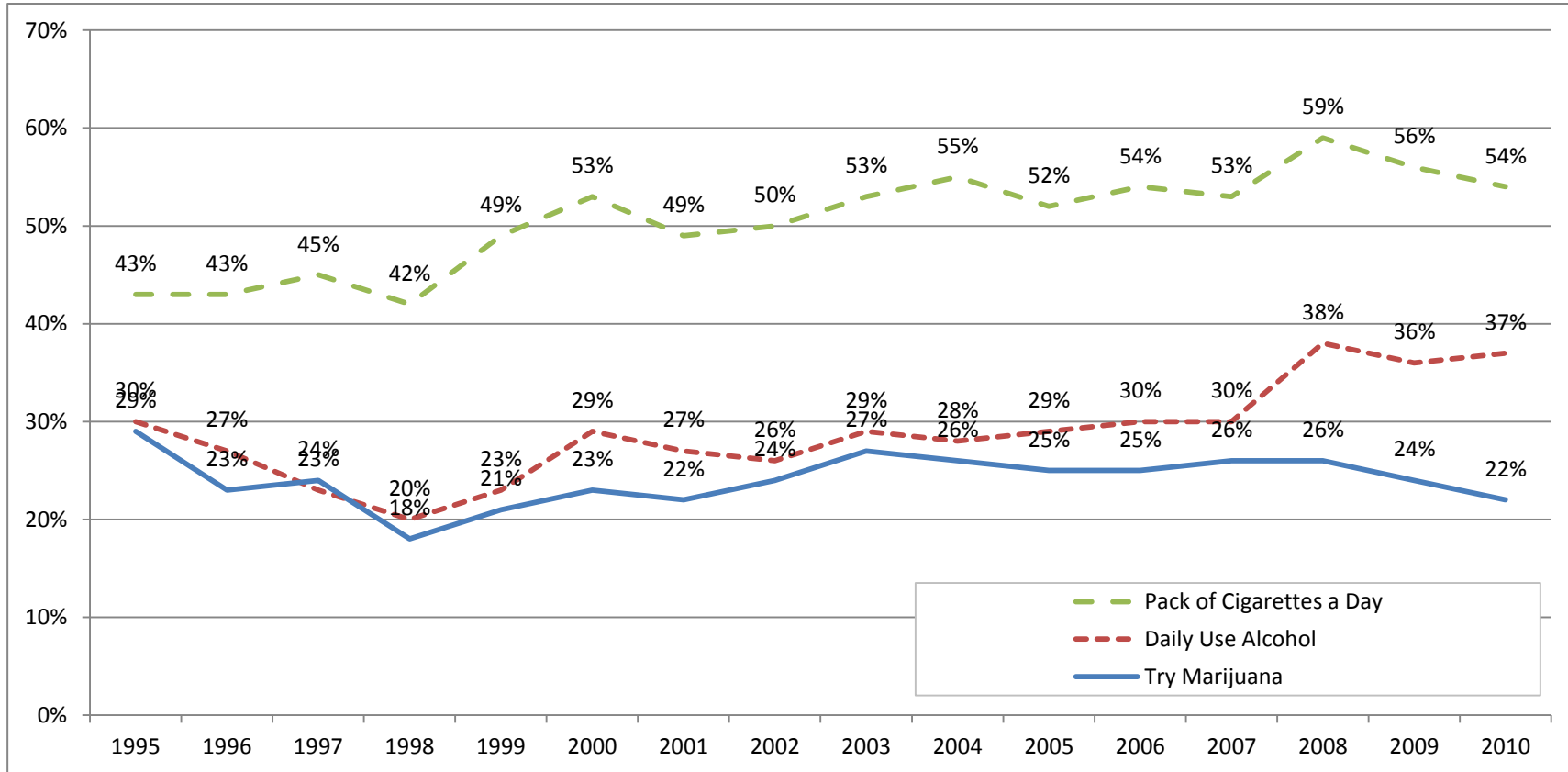
TRENDS IN DELAWARE FIFTH GRADERS' PERCEPTIONS OF "GREAT RISK" IN SUBSTANCE USE



"Great Risk" refers to students who reported "Great Risk" of harming themselves by using this substance

Note: Displayed percentiles are rounded to the nearest whole number.

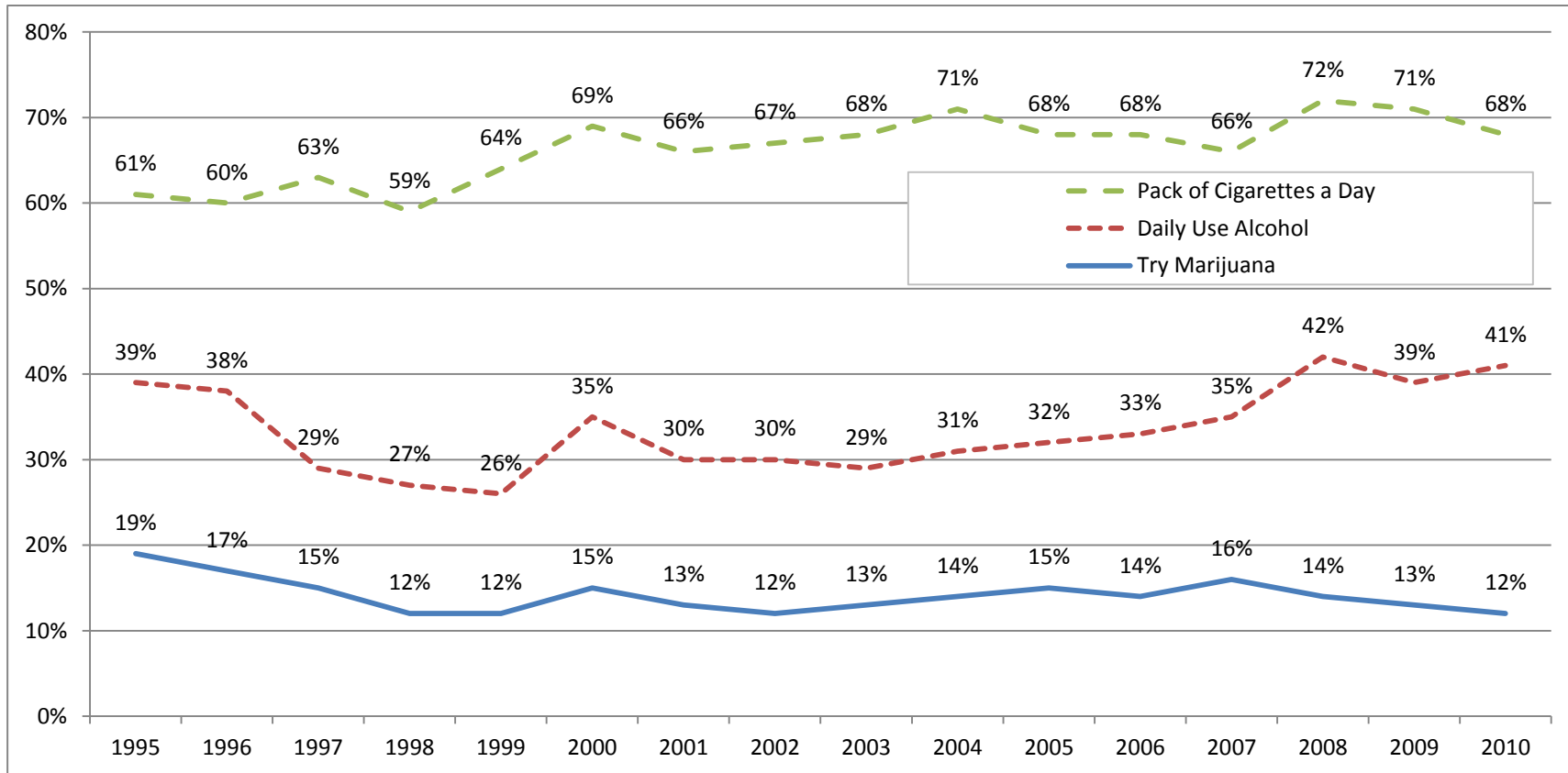
TRENDS IN DELAWARE EIGHTH GRADERS' PERCEPTIONS OF "GREAT RISK" IN SUBSTANCE USE



"Great Risk" refers to students who reported "Great Risk" of harming themselves by using this substance

Note: Displayed percentiles are rounded to the nearest whole number.

TRENDS IN DELAWARE ELEVENTH GRADERS' PERCEPTIONS OF "GREAT RISK" IN SUBSTANCE USE



"Great Risk" refers to students who reported "Great Risk" of harming themselves by using this substance

Note: Displayed percentiles are rounded to the nearest whole number.

Important Footnote to the Trend Graphs and Tables of Delaware Students' Report of Monthly or Regular Use:

⇒ The data from the 1989 - 1994 PAUS Survey, administered for the Delaware Department of Public Instruction (DPI), come from responses to the questions: "How often do you usually use (or have ever used) each of:

Cigarettes

Alcohol (beer, wine, liquor, coolers)

Marijuana (grass, pot, hash, weed)"

With response categories: (never), (once or twice before but not again), (about once or twice a year), (about once or twice a month), (about once or twice a week), and (almost every day). Responses of (about once or twice a month) or more often are considered monthly or regular use.

⇒ The data from the 1995 - present year University of Delaware Surveys for 5th graders come from responses to a question similar to that used in the PAUS survey. The data for 8th and 11th graders are different. They come from the questions used in the national Monitoring the Future Surveys (MTF):

"In the past month,

how many cigarettes have you smoked

how many times have you had a drink (not just a few sips) of alcohol
(beer, wine, liquor, mixed drinks)

how many times have you smoked marijuana (grass, pot, hash, weed)

⇒ Responses of one full cigarette and one time or more are coded as regular use.

In both the PAUS and UD surveys, any student who reports use of a fictitious drug ("dactyls") is excluded from the analysis.

Nationally, use of marijuana by youth escalated dramatically between 1993 and 1995. It increased even more dramatically in Delaware; however, the change in wording after 1995 may explain part of the increase in drug use shown in the figures from 1994 to 1995. This is particularly true for the 8th graders, if one assumes that past month use may be experimental and not indicative of what one "usually uses." This means the 1995-present year question may be measuring past month use rather than past month regular use. And the Delaware estimates for 1989-1994 may actually underestimate past month use, as measured in the national MTF and National Household surveys. The question format has been consistent since 1995.

II. For Each of 5th, 8th, and 11th Graders:

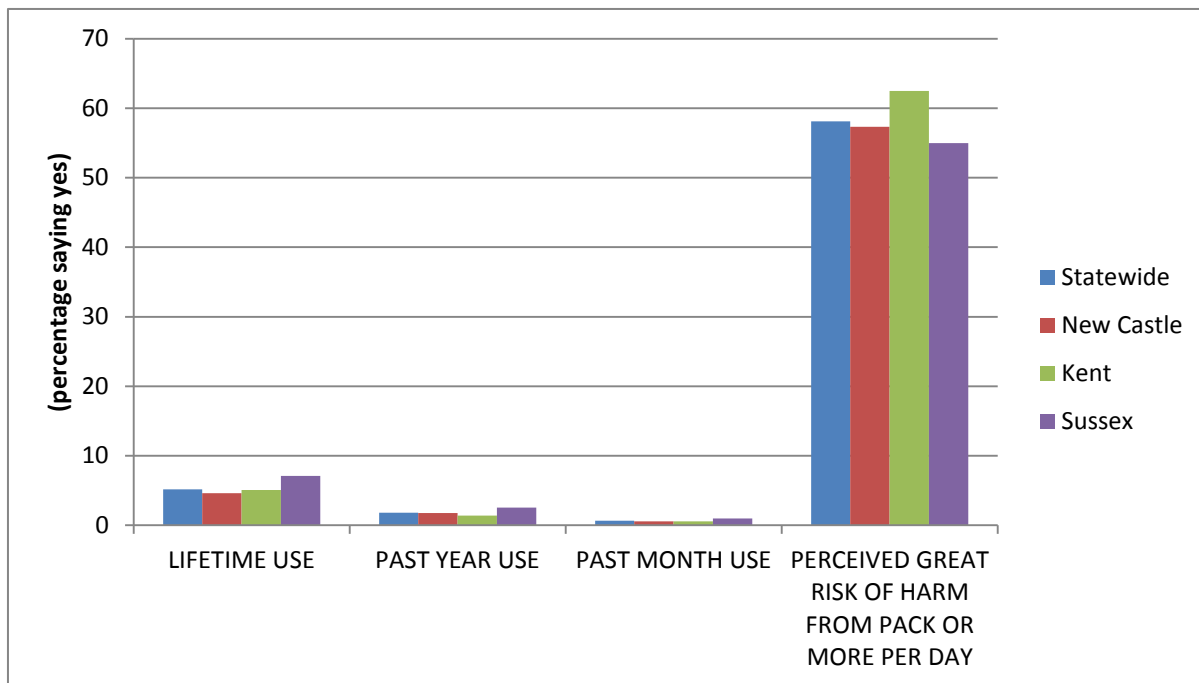
Estimates by Gender and County of Lifetime, Past Year, Past Month, and Recent Heavy Use of Tobacco, Alcohol, Inhalants, and Marijuana and Estimates of Perceived Harmfulness of Each Substance

Estimates by Gender and County of Use of Other Illegal Drugs

CIGARETTE USE AMONG DELAWARE FIFTH GRADERS

(in percentages)

| | LIFETIME USE | PAST YEAR USE | PAST MONTH USE | PERCEIVED GREAT RISK OF HARM FROM PACK OR MORE PER DAY |
|-------------------|--------------|---------------|----------------|--|
| <u>Statewide</u> | 5 | 2 | 1 | 58 |
| <u>Males</u> | 6 | 2 | 1 | 56 |
| <u>Females</u> | 5 | 2 | 1 | 60 |
| <u>New Castle</u> | 5 | 2 | 1 | 57 |
| <u>Males</u> | 5 | 2 | 0 | 56 |
| <u>Females</u> | 4 | 2 | 1 | 59 |
| <u>Kent</u> | 5 | 1 | 1 | 62 |
| <u>Males</u> | 6 | 2 | 0 | 61 |
| <u>Females</u> | 5 | 1 | 1 | 64 |
| <u>Sussex</u> | 7 | 3 | 1 | 55 |
| <u>Males</u> | 8 | 3 | 1 | 53 |
| <u>Females</u> | 6 | 2 | 1 | 57 |

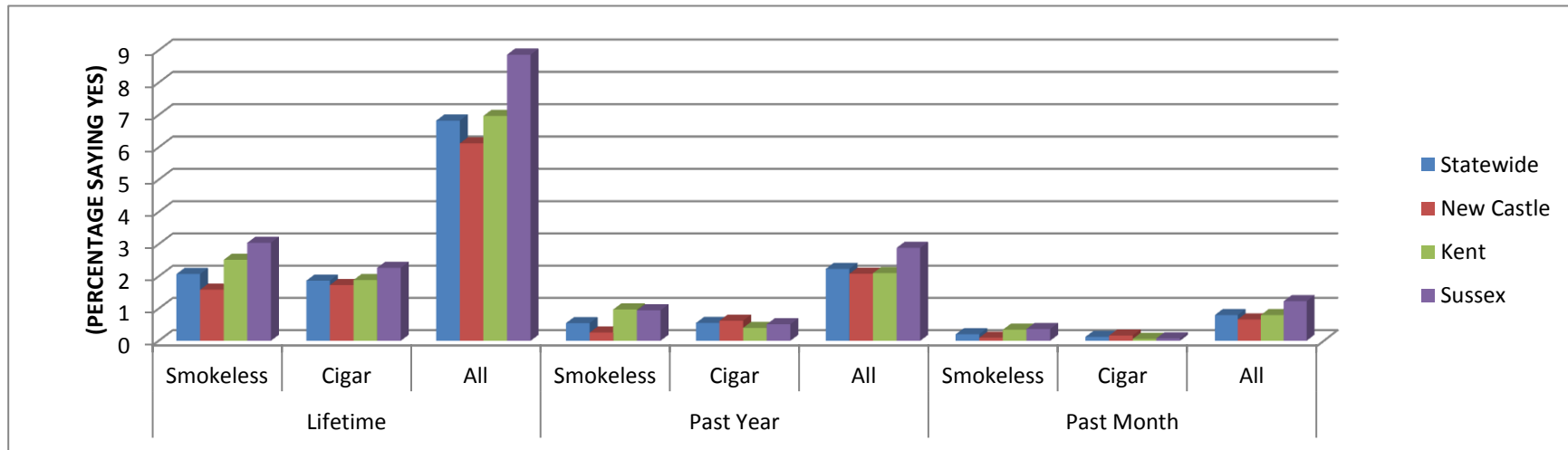


Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

OTHER TOBACCO USE AMONG DELAWARE FIFTH GRADERS

(in percentages)

| | Lifetime | | | Past Year | | | Past Month | | |
|-------------------|-----------|-------|-----|-----------|-------|-----|------------|-------|-----|
| | Smokeless | Cigar | All | Smokeless | Cigar | All | Smokeless | Cigar | All |
| Statewide | 2 | 2 | 7 | 1 | 1 | 2 | 0 | 0 | 1 |
| Males | 3 | 2 | 8 | 1 | 1 | 2 | 0 | 0 | 1 |
| Females | 1 | 1 | 6 | 0 | 0 | 2 | 0 | 0 | 1 |
| New Castle | 2 | 2 | 6 | 0 | 1 | 2 | 0 | 0 | 1 |
| Males | 2 | 2 | 7 | 0 | 1 | 2 | 0 | 0 | 1 |
| Females | 1 | 1 | 5 | 0 | 0 | 2 | 0 | 0 | 1 |
| Kent | 3 | 2 | 7 | 1 | 0 | 2 | 0 | 0 | 1 |
| Males | 4 | 2 | 8 | 1 | 1 | 2 | 1 | 0 | 1 |
| Females | 1 | 2 | 6 | 0 | 0 | 2 | 0 | 0 | 1 |
| Sussex | 3 | 2 | 9 | 1 | 1 | 3 | 0 | 0 | 1 |
| Males | 4 | 3 | 11 | 1 | 1 | 3 | 0 | 0 | 2 |
| Females | 2 | 1 | 7 | 1 | 0 | 2 | 0 | 0 | 1 |



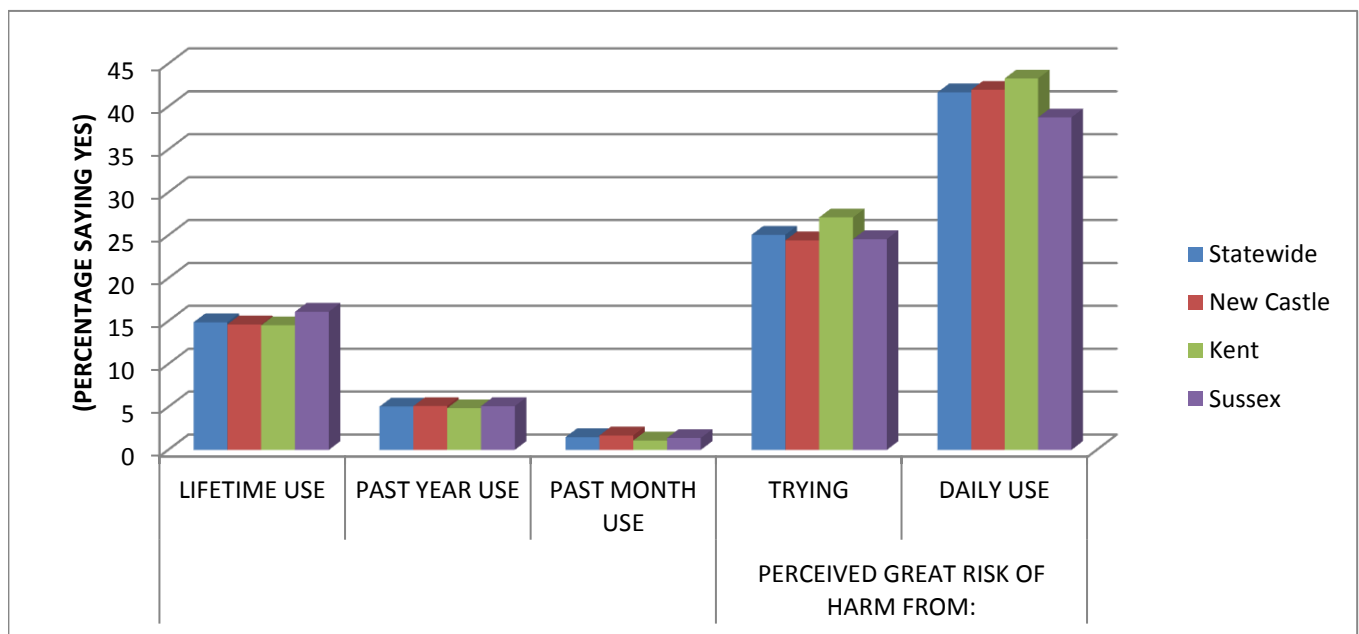
"All" includes smokeless tobacco, cigars, and cigarettes.

Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

ALCOHOL USE AMONG DELAWARE FIFTH GRADERS

(in percentages)

| | LIFETIME USE | PAST YEAR USE | PAST MONTH USE | PERCEIVED GREAT RISK OF HARM FROM: | |
|-------------------|--------------|---------------|----------------|------------------------------------|-----------|
| | | | | TRYING | DAILY USE |
| Statewide | 15 | 5 | 1 | 25 | 42 |
| Males | 16 | 5 | 1 | 25 | 42 |
| Females | 14 | 5 | 1 | 26 | 41 |
| New Castle | 15 | 5 | 2 | 24 | 42 |
| Males | 15 | 5 | 2 | 24 | 42 |
| Females | 14 | 5 | 2 | 24 | 42 |
| Kent | 15 | 5 | 1 | 27 | 43 |
| Males | 16 | 5 | 1 | 25 | 43 |
| Females | 13 | 5 | 1 | 29 | 43 |
| Sussex | 16 | 5 | 1 | 25 | 39 |
| Males | 18 | 6 | 2 | 24 | 40 |
| Females | 14 | 4 | 1 | 24 | 37 |

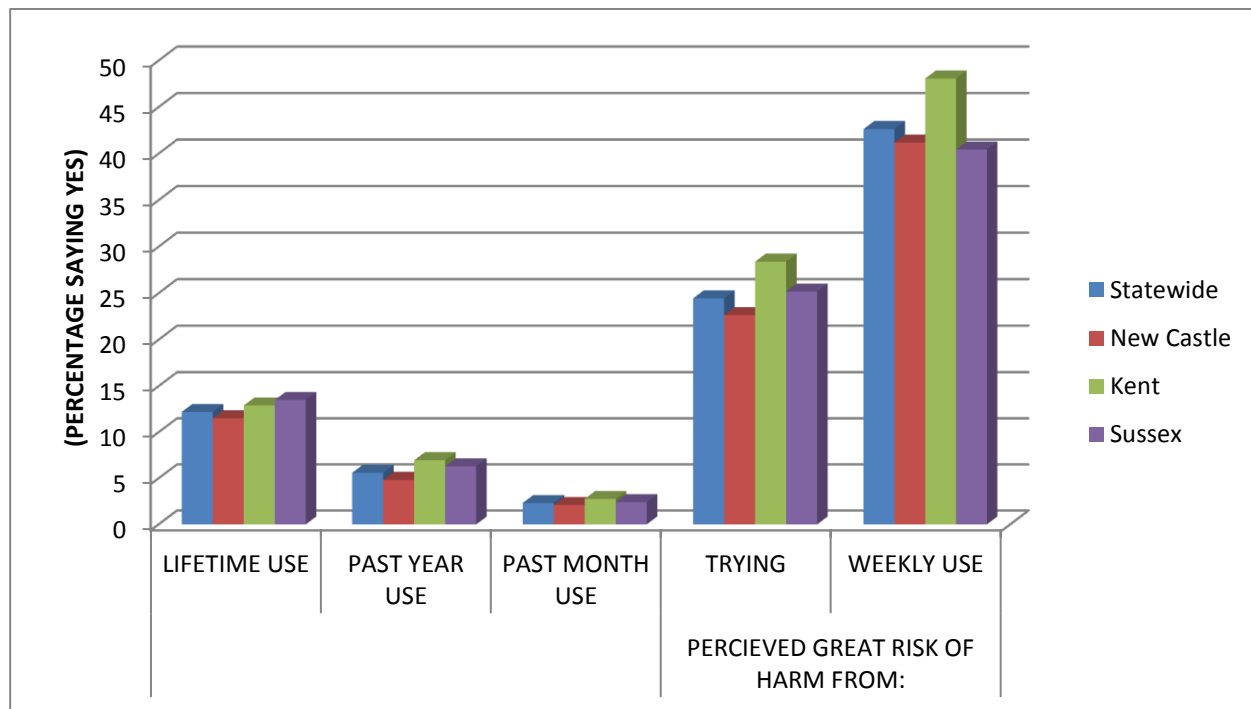


Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

INHALANT USE AMONG DELAWARE FIFTH GRADERS

(in percentages)

| | LIFETIME USE | PAST YEAR USE | PAST MONTH USE | PERCIEVED GREAT RISK OF HARM FROM: | |
|-------------------|--------------|---------------|----------------|------------------------------------|------------|
| | | | | TRYING | WEEKLY USE |
| Statewide | 12 | 6 | 2 | 24 | 43 |
| Males | 12 | 5 | 2 | 26 | 44 |
| Females | 13 | 6 | 2 | 23 | 41 |
| New Castle | 12 | 5 | 2 | 23 | 41 |
| Males | 10 | 4 | 2 | 25 | 43 |
| Females | 13 | 5 | 2 | 21 | 39 |
| Kent | 13 | 7 | 3 | 28 | 48 |
| Males | 13 | 7 | 3 | 29 | 49 |
| Females | 13 | 7 | 3 | 28 | 47 |
| Sussex | 13 | 6 | 2 | 25 | 40 |
| Males | 14 | 7 | 3 | 28 | 41 |
| Females | 13 | 6 | 2 | 22 | 40 |

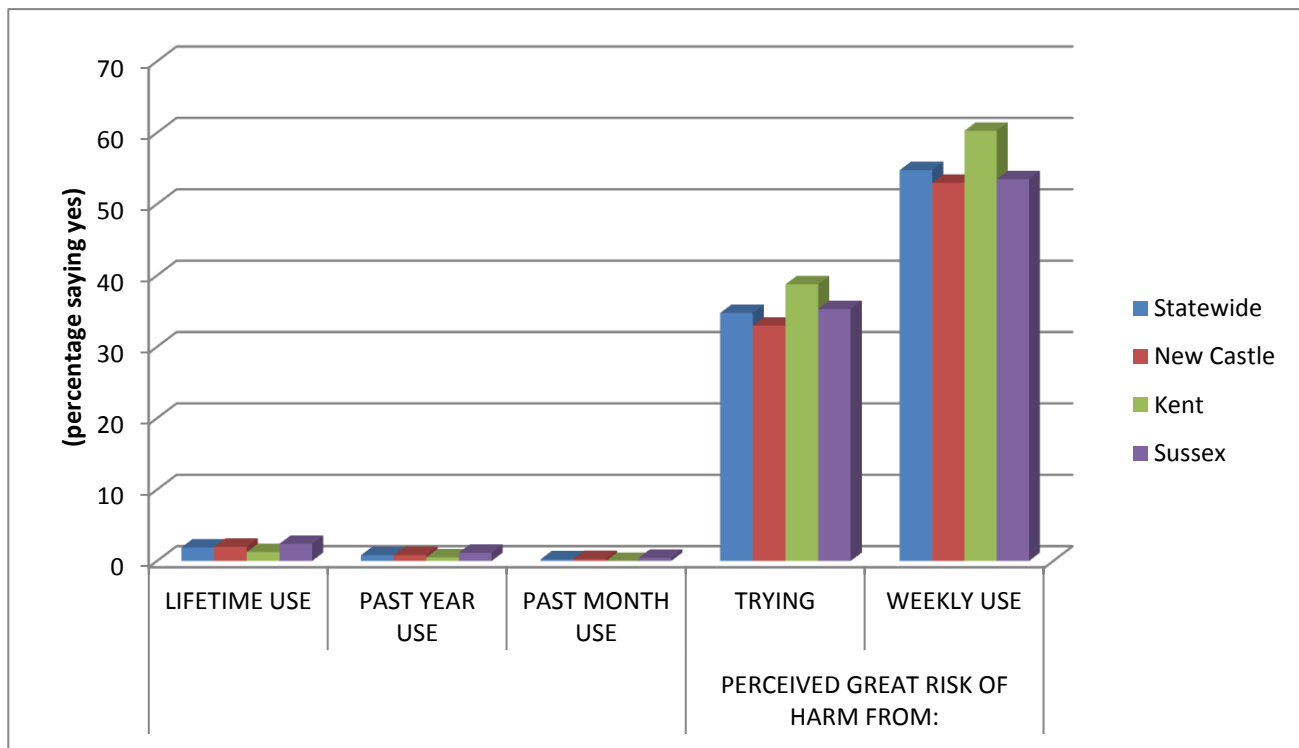


Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

MARIJUANA USE AMONG DELAWARE FIFTH GRADERS

(in percentages)

| | LIFETIME USE | PAST YEAR USE | PAST MONTH USE | PERCEIVED GREAT RISK OF HARM | |
|-------------------|--------------|---------------|----------------|------------------------------|------------|
| | | | | TRYING | WEEKLY USE |
| Statewide | 2 | 1 | 0 | 35 | 55 |
| Males | 2 | 1 | 0 | 36 | 55 |
| Females | 1 | 1 | 0 | 34 | 55 |
| New Castle | 2 | 1 | 0 | 33 | 53 |
| Males | 3 | 1 | 0 | 34 | 53 |
| Females | 1 | 1 | 0 | 32 | 53 |
| Kent | 1 | 1 | 0 | 39 | 60 |
| Males | 1 | 1 | 0 | 39 | 60 |
| Females | 1 | 0 | 0 | 39 | 60 |
| Sussex | 2 | 1 | 0 | 35 | 53 |
| Males | 4 | 2 | 1 | 37 | 53 |
| Females | 1 | 1 | 0 | 34 | 54 |

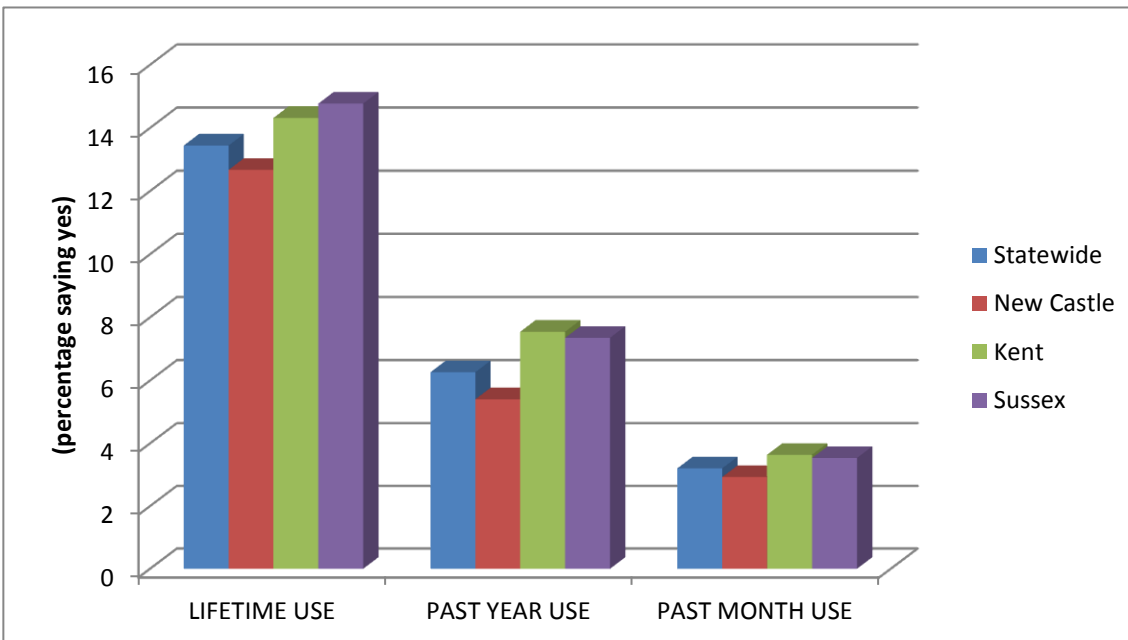


Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

OTHER ILLEGAL DRUG USE AMONG DELAWARE FIFTH GRADERS

(in percentages)

| | LIFETIME USE | PAST YEAR USE | PAST MONTH USE |
|-------------------|--------------|---------------|----------------|
| <u>Statewide</u> | 13 | 6 | 3 |
| <u>Males</u> | 13 | 6 | 3 |
| <u>Females</u> | 14 | 6 | 3 |
| <u>New Castle</u> | 13 | 5 | 3 |
| <u>Males</u> | 12 | 5 | 3 |
| <u>Females</u> | 14 | 6 | 3 |
| <u>Kent</u> | 14 | 8 | 4 |
| <u>Males</u> | 14 | 8 | 4 |
| <u>Females</u> | 14 | 7 | 3 |
| <u>Sussex</u> | 15 | 7 | 4 |
| <u>Males</u> | 16 | 8 | 4 |
| <u>Females</u> | 14 | 6 | 3 |



Other illegal drugs include prescription downers, prescription uppers, inhalant hallucinogens, ritalin (“to get high”), and cocaine.

Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

**PAST YEAR USE OF OTHER ILLEGAL SUBSTANCES AMONG
DELAWARE FIFTH GRADERS**

(in percentages)

| | HALLUCI- NOGENS | COCAINE | RITALIN |
|-------------------|----------------------------|----------------|----------------|
| <u>Statewide</u> | 0 | 0 | 0 |
| <u>Males</u> | 0 | 0 | 1 |
| <u>Females</u> | 0 | 0 | 0 |
| <u>New Castle</u> | 0 | 0 | 0 |
| <u>Males</u> | 0 | 0 | 1 |
| <u>Females</u> | 0 | 0 | 0 |
| <u>Kent</u> | 0 | 0 | 1 |
| <u>Males</u> | 0 | 0 | 1 |
| <u>Females</u> | 0 | 0 | 0 |
| <u>Sussex</u> | 0 | 0 | 1 |
| <u>Males</u> | 0 | 0 | 1 |
| <u>Females</u> | 0 | 0 | 0 |

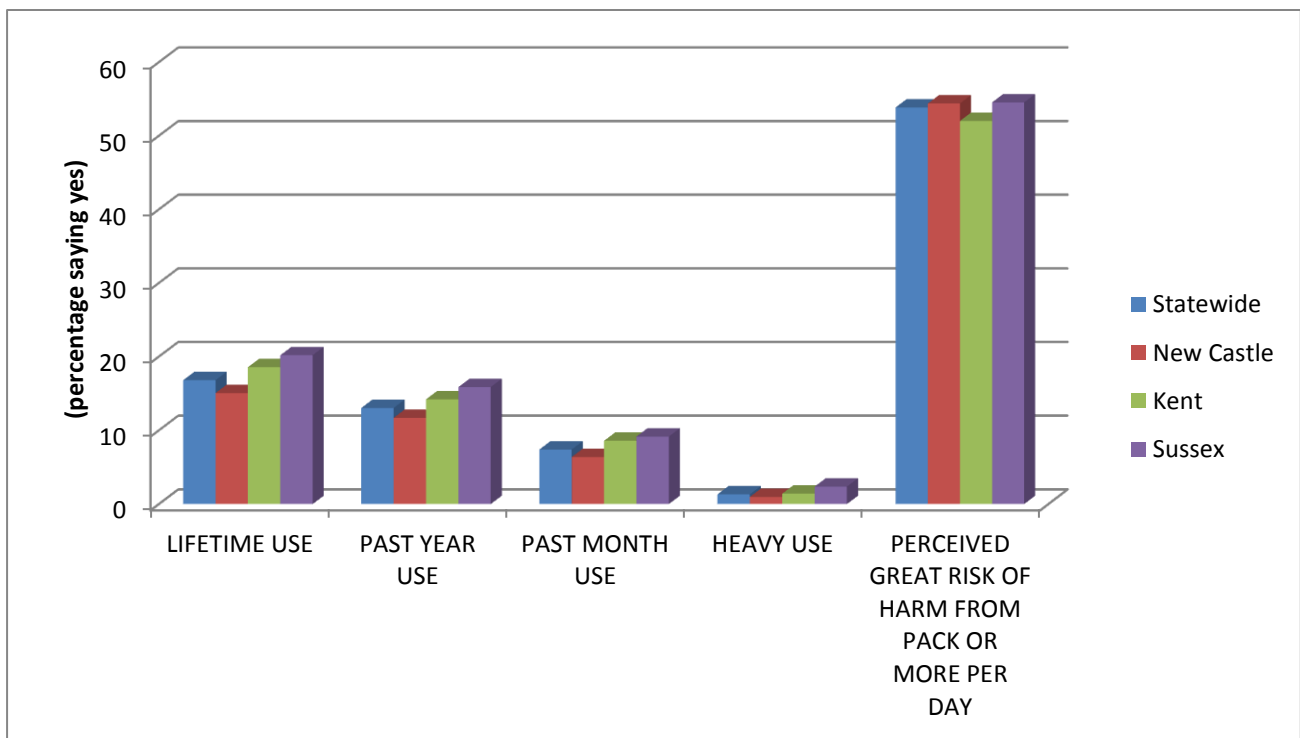
"Ritalin" includes Ritalin, Adderall, Cylert, and Concerta "to get high."

Note: Displayed percentiles are rounded to the nearest whole number.

CIGARETTE USE AMONG DELAWARE EIGHTH GRADERS

(in percentages)

| | LIFETIME USE | PAST YEAR USE | PAST MONTH USE | HEAVY USE | PERCEIVED GREAT RISK OF HARM FROM PACK OR MORE PER DAY |
|-------------------|--------------|---------------|----------------|-----------|--|
| <u>Statewide</u> | 17 | 13 | 7 | 1 | 54 |
| <u>Males</u> | 17 | 13 | 7 | 2 | 51 |
| <u>Females</u> | 17 | 13 | 7 | 1 | 57 |
| <u>New Castle</u> | 15 | 12 | 6 | 1 | 54 |
| <u>Males</u> | 15 | 11 | 6 | 1 | 53 |
| <u>Females</u> | 15 | 12 | 7 | 1 | 56 |
| <u>Kent</u> | 19 | 14 | 9 | 1 | 52 |
| <u>Males</u> | 18 | 14 | 8 | 2 | 46 |
| <u>Females</u> | 19 | 14 | 9 | 1 | 56 |
| <u>Sussex</u> | 20 | 16 | 9 | 2 | 55 |
| <u>Males</u> | 22 | 18 | 11 | 3 | 49 |
| <u>Females</u> | 19 | 15 | 8 | 2 | 59 |



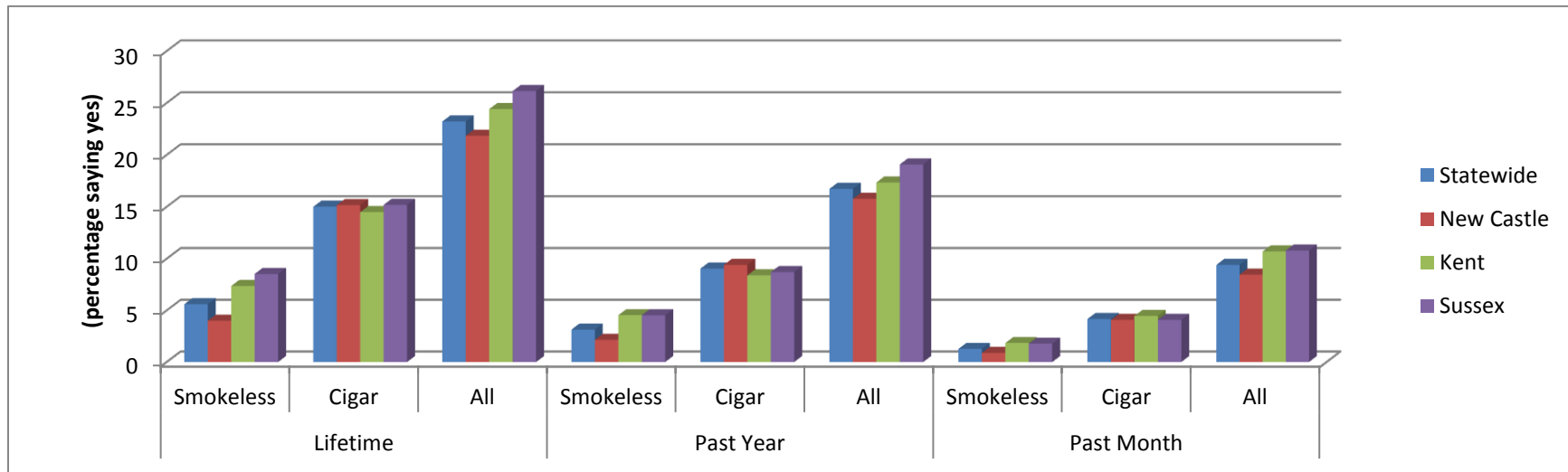
"Heavy use" is more than one-half pack per day in last thirty days.

Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

OTHER TOBACCO USE AMONG DELAWARE EIGHTH GRADERS

(in percentages)

| | Lifetime | | | Past Year | | | Past Month | | |
|-------------------|-----------|-------|-----|-----------|-------|-----|------------|-------|-----|
| | Smokeless | Cigar | All | Smokeless | Cigar | All | Smokeless | Cigar | All |
| Statewide | 6 | 15 | 23 | 3 | 9 | 17 | 1 | 4 | 9 |
| Males | 8 | 17 | 25 | 5 | 11 | 18 | 2 | 5 | 10 |
| Females | 3 | 13 | 21 | 2 | 7 | 15 | 1 | 3 | 9 |
| New Castle | 4 | 15 | 22 | 2 | 9 | 16 | 1 | 4 | 8 |
| Males | 5 | 17 | 23 | 3 | 11 | 16 | 1 | 5 | 8 |
| Females | 3 | 14 | 21 | 2 | 8 | 15 | 1 | 4 | 8 |
| Kent | 7 | 14 | 24 | 5 | 8 | 17 | 2 | 4 | 11 |
| Males | 11 | 17 | 28 | 7 | 11 | 20 | 3 | 6 | 12 |
| Females | 4 | 12 | 22 | 2 | 6 | 15 | 1 | 3 | 9 |
| Sussex | 9 | 15 | 26 | 5 | 9 | 19 | 2 | 4 | 11 |
| Males | 13 | 21 | 31 | 8 | 12 | 23 | 3 | 6 | 13 |
| Females | 4 | 11 | 22 | 2 | 6 | 16 | 1 | 2 | 9 |



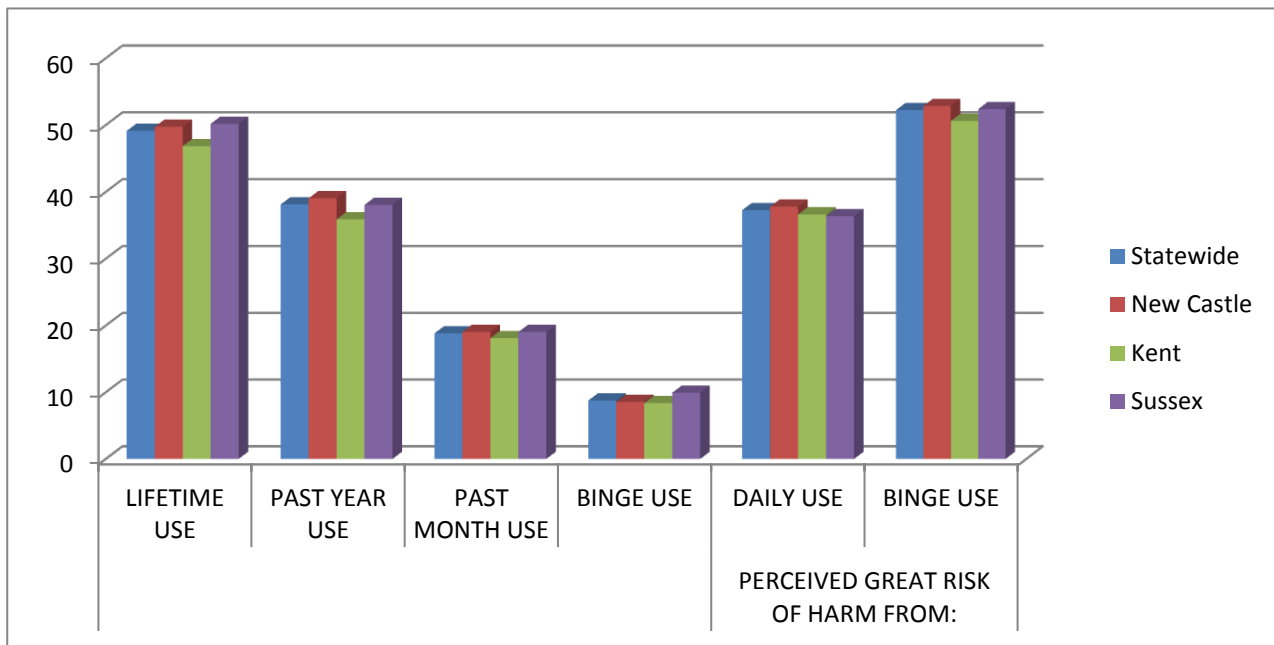
"All" includes smokeless tobacco, cigars, and cigarettes.

Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

ALCOHOL USE AMONG DELAWARE EIGHTH GRADERS

(in percentages)

| | LIFETIME USE | PAST YEAR USE | PAST MONTH USE | BINGE USE | PERCEIVED GREAT RISK OF HARM FROM: | |
|-------------------|--------------|---------------|----------------|-----------|------------------------------------|-----------|
| | | | | | DAILY USE | BINGE USE |
| Statewide | 49 | 38 | 19 | 9 | 37 | 52 |
| Male | 48 | 36 | 17 | 8 | 35 | 48 |
| Female | 50 | 40 | 20 | 10 | 40 | 56 |
| New Castle | 50 | 39 | 19 | 9 | 38 | 53 |
| Male | 47 | 35 | 16 | 7 | 36 | 50 |
| Female | 52 | 43 | 21 | 10 | 39 | 56 |
| Kent | 47 | 36 | 18 | 8 | 37 | 51 |
| Male | 45 | 33 | 16 | 8 | 31 | 45 |
| Female | 47 | 39 | 19 | 9 | 41 | 56 |
| Sussex | 50 | 38 | 19 | 10 | 36 | 52 |
| Male | 54 | 43 | 21 | 11 | 34 | 47 |
| Female | 47 | 34 | 17 | 9 | 39 | 57 |



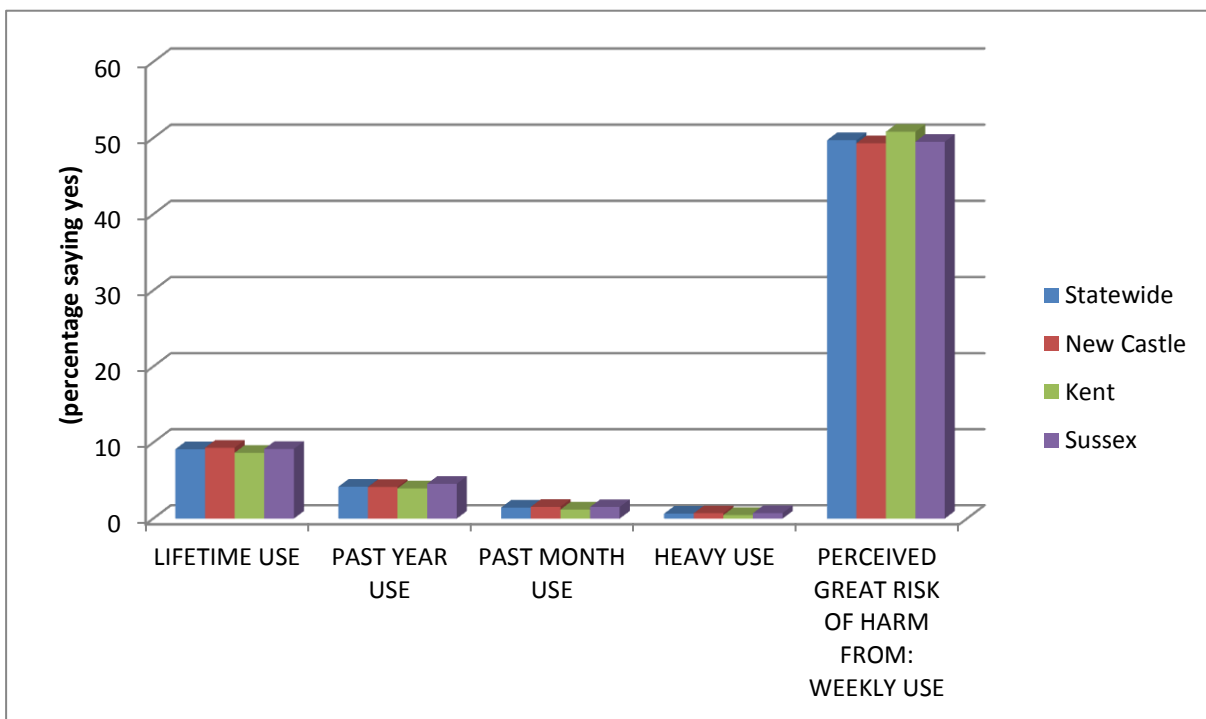
"Binge use" is defined as three or more drinks at a time in the last two weeks.

Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

INHALANT USE AMONG DELAWARE EIGHTH GRADERS

(in percentages)

| | LIFETIME USE | PAST YEAR USE | PAST MONTH USE | HEAVY USE | PERCEIVED GREAT RISK OF HARM FROM: WEEKLY USE |
|-------------------|--------------|---------------|----------------|-----------|---|
| Statewide | 9 | 4 | 1 | 1 | 50 |
| Males | 7 | 3 | 1 | 0 | 48 |
| Females | 11 | 5 | 2 | 1 | 51 |
| New Castle | 9 | 4 | 2 | 1 | 49 |
| Males | 8 | 4 | 1 | 0 | 47 |
| Females | 11 | 5 | 2 | 1 | 51 |
| Kent | 9 | 4 | 1 | 0 | 51 |
| Males | 6 | 2 | 0 | 0 | 50 |
| Females | 11 | 5 | 2 | 1 | 52 |
| Sussex | 9 | 5 | 2 | 1 | 50 |
| Males | 8 | 3 | 1 | 1 | 49 |
| Females | 10 | 6 | 2 | 1 | 51 |



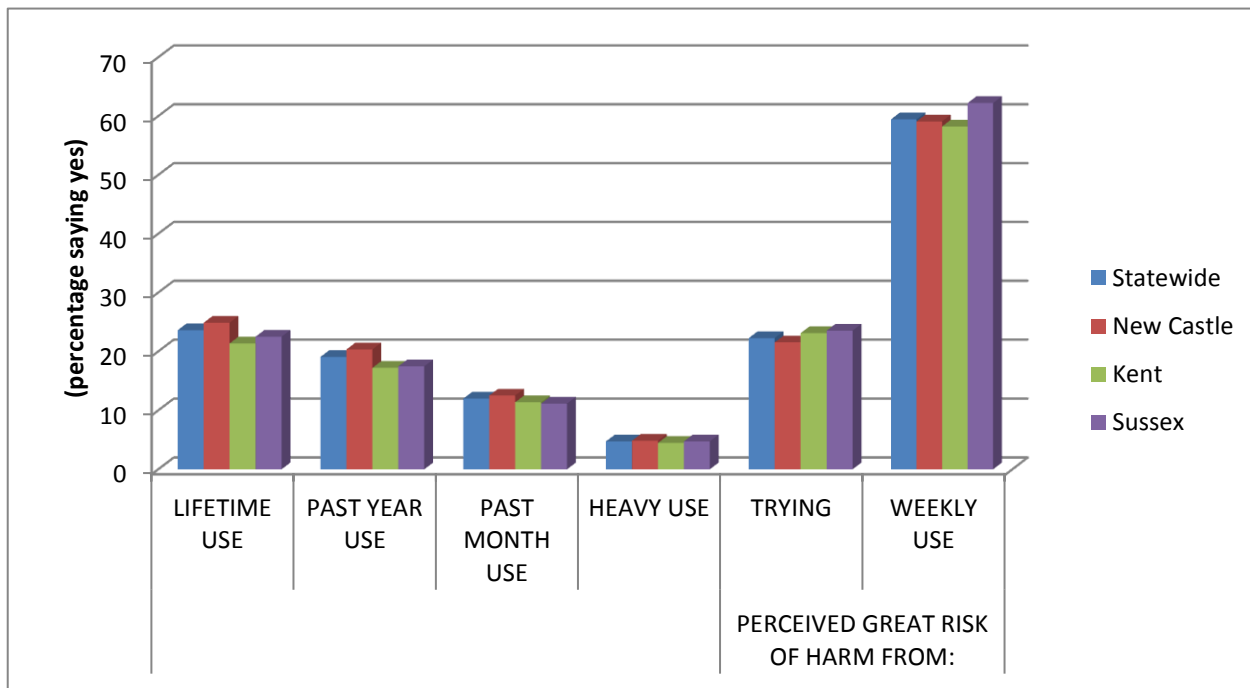
"Heavy Use" indicates more than six times in the past month.

Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

MARIJUANA USE AMONG DELAWARE EIGHTH GRADERS

(in percentages)

| | LIFETIME USE | PAST YEAR USE | PAST MONTH USE | HEAVY USE | PERCEIVED GREAT RISK OF HARM FROM: | |
|-------------------|--------------|---------------|----------------|-----------|------------------------------------|------------|
| | | | | | TRYING | WEEKLY USE |
| Statewide | 24 | 19 | 12 | 5 | 22 | 59 |
| Males | 26 | 21 | 14 | 6 | 23 | 54 |
| Females | 22 | 17 | 10 | 4 | 22 | 64 |
| New Castle | 25 | 20 | 13 | 5 | 22 | 59 |
| Males | 27 | 21 | 14 | 6 | 23 | 54 |
| Females | 23 | 19 | 11 | 4 | 20 | 63 |
| Kent | 21 | 17 | 11 | 4 | 23 | 58 |
| Males | 23 | 19 | 14 | 7 | 23 | 52 |
| Females | 20 | 16 | 9 | 3 | 24 | 64 |
| Sussex | 22 | 17 | 11 | 5 | 24 | 62 |
| Males | 28 | 22 | 14 | 6 | 22 | 57 |
| Females | 18 | 14 | 9 | 4 | 25 | 67 |



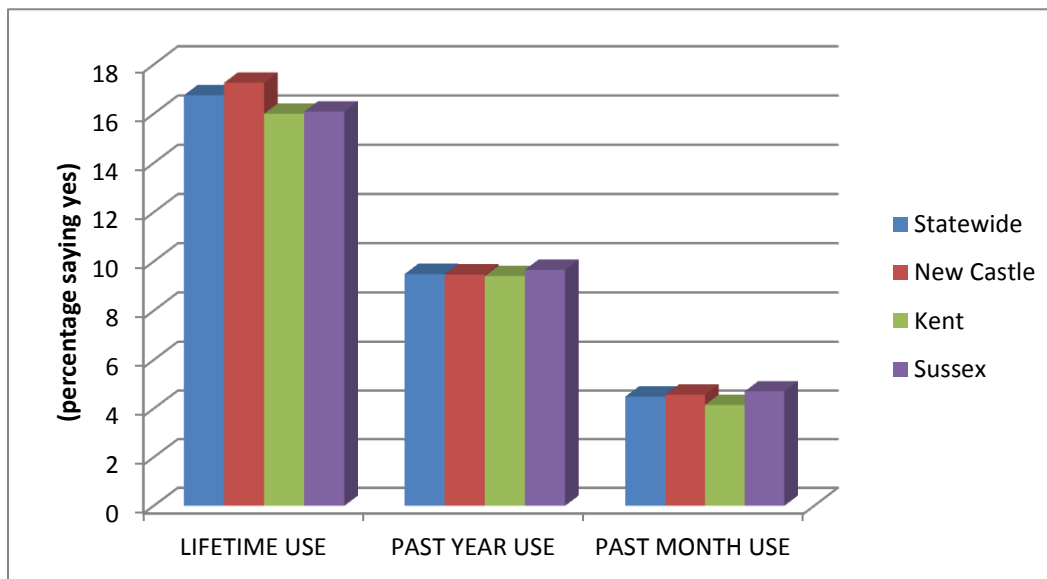
"Heavy Use" indicates more than six times in the past month.

Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

OTHER ILLEGAL DRUG USE AMONG DELAWARE EIGHTH GRADERS

(in percentages)

| | LIFETIME USE | PAST YEAR USE | PAST MONTH USE |
|-------------------|--------------|---------------|----------------|
| <u>Statewide</u> | 17 | 9 | 4 |
| <u>Males</u> | 15 | 8 | 3 |
| <u>Females</u> | 18 | 11 | 5 |
| <u>New Castle</u> | 17 | 9 | 5 |
| <u>Males</u> | 15 | 8 | 4 |
| <u>Females</u> | 19 | 10 | 5 |
| <u>Kent</u> | 16 | 9 | 4 |
| <u>Males</u> | 13 | 6 | 2 |
| <u>Females</u> | 18 | 12 | 6 |
| <u>Sussex</u> | 16 | 10 | 5 |
| <u>Males</u> | 16 | 9 | 5 |
| <u>Females</u> | 16 | 10 | 5 |



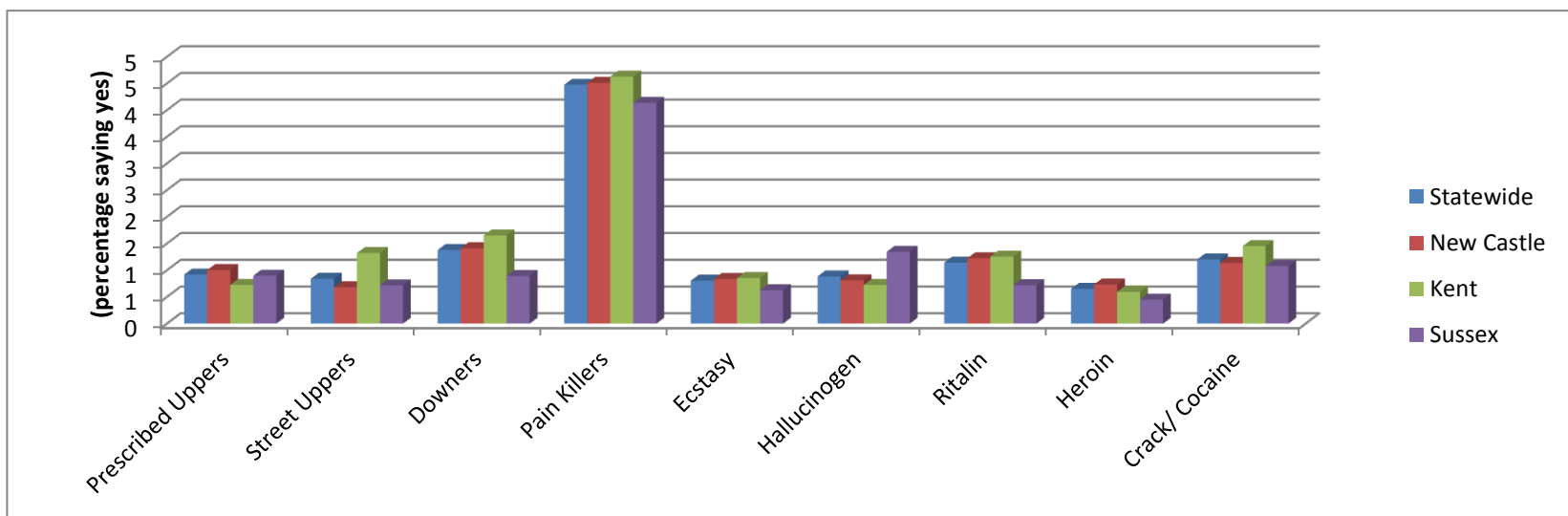
Other illegal drugs include prescription downers, prescription stimulants, inhalants, hallucinogens, crack, cocaine, heroin, ritalin, painkillers, and designer drugs.

Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

PAST YEAR USE OF OTHER ILLEGAL SUBSTANCES AMONG DELAWARE EIGHTH GRADERS

(in percentages)

| | Prescribed Uppers | Street Uppers | Downers | Pain Killers | Ecstasy | Hallucinogen | Ritalin | Heroin | Crack/Cocaine |
|-------------------|-------------------|---------------|---------|--------------|---------|--------------|---------|--------|---------------|
| <u>Statewide</u> | 1 | 1 | 1 | 4 | 1 | 1 | 1 | 1 | 1 |
| <u>Males</u> | 1 | 1 | 1 | 3 | 1 | 1 | 1 | 0 | 1 |
| <u>Females</u> | 1 | 1 | 2 | 5 | 1 | 1 | 1 | 1 | 1 |
| <u>New Castle</u> | 1 | 1 | 1 | 5 | 1 | 1 | 1 | 1 | 1 |
| <u>Males</u> | 1 | 1 | 1 | 3 | 1 | 1 | 1 | 1 | 1 |
| <u>Females</u> | 1 | 1 | 2 | 5 | 1 | 1 | 1 | 1 | 1 |
| <u>Kent</u> | 1 | 1 | 2 | 5 | 1 | 1 | 1 | 1 | 1 |
| <u>Males</u> | 0 | 1 | 1 | 3 | 1 | 1 | 1 | 0 | 1 |
| <u>Females</u> | 1 | 2 | 2 | 6 | 1 | 1 | 1 | 1 | 2 |
| <u>Sussex</u> | 1 | 1 | 1 | 4 | 1 | 1 | 1 | 0 | 1 |
| <u>Males</u> | 1 | 0 | 1 | 4 | 1 | 2 | 1 | 0 | 1 |
| <u>Females</u> | 1 | 1 | 1 | 5 | 0 | 1 | 1 | 1 | 1 |



"Pain killers" includes OxyContin, Codeine, Percocet, and Tylenol 3 "to get high."

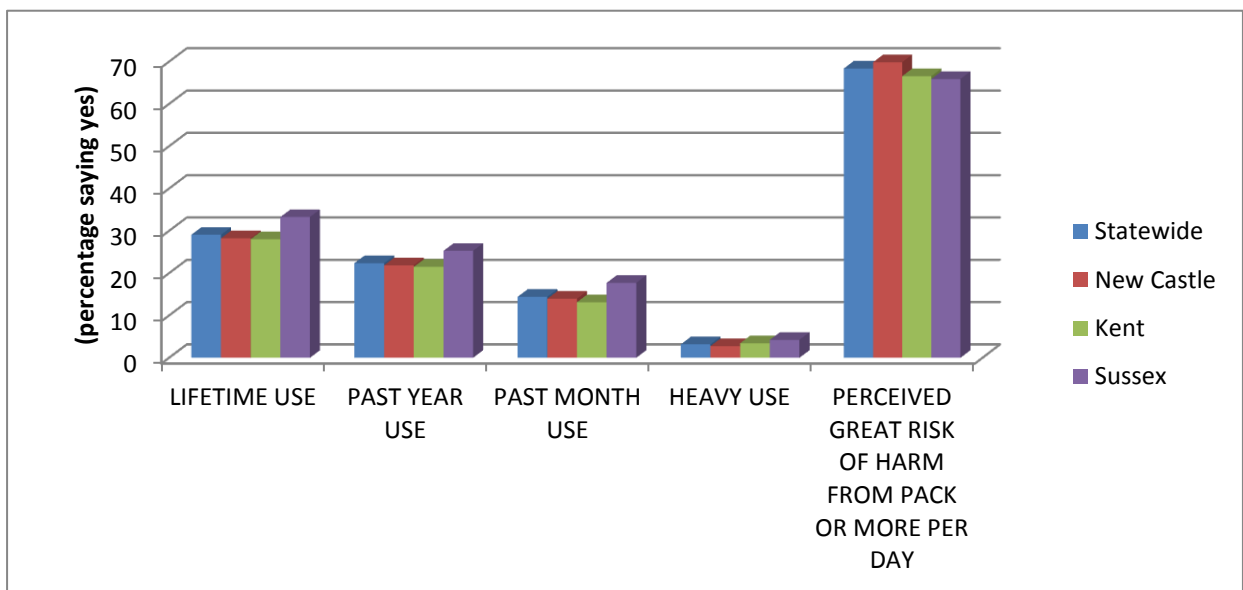
"Ritalin" includes Ritalin, Adderall, Cylert, and Concerta "to get high."

Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

CIGARETTE USE AMONG DELAWARE ELEVENTH GRADERS

(in percentages)

| | LIFETIME USE | PAST YEAR USE | PAST MONTH USE | HEAVY USE | PERCEIVED GREAT RISK OF HARM FROM PACK OR MORE PER DAY |
|-------------------|--------------|---------------|----------------|-----------|--|
| <u>Statewide</u> | 29 | 22 | 14 | 3 | 68 |
| <u>Males</u> | 30 | 23 | 16 | 3 | 66 |
| <u>Females</u> | 28 | 22 | 13 | 3 | 71 |
| <u>New Castle</u> | 28 | 22 | 14 | 3 | 70 |
| <u>Males</u> | 28 | 22 | 15 | 3 | 67 |
| <u>Females</u> | 28 | 22 | 13 | 2 | 72 |
| <u>Kent</u> | 28 | 21 | 13 | 3 | 67 |
| <u>Males</u> | 30 | 23 | 15 | 4 | 62 |
| <u>Females</u> | 27 | 21 | 12 | 3 | 71 |
| <u>Sussex</u> | 33 | 25 | 18 | 4 | 66 |
| <u>Males</u> | 35 | 27 | 20 | 5 | 65 |
| <u>Females</u> | 31 | 24 | 15 | 4 | 67 |

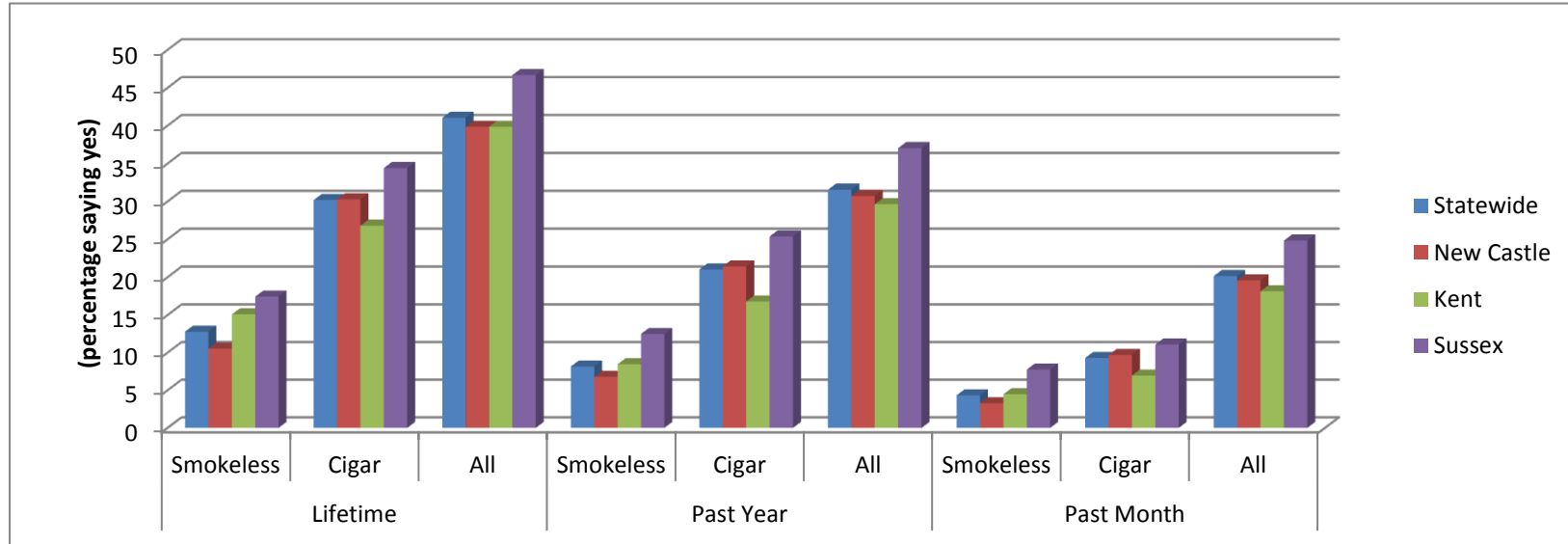


Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

OTHER TOBACCO USE AMONG DELAWARE ELEVENTH GRADERS

(in percentages)

| | Lifetime | | | Past Year | | | Past Month | | |
|-------------------|-----------|-------|-----|-----------|-------|-----|------------|-------|-----|
| | Smokeless | Cigar | All | Smokeless | Cigar | All | Smokeless | Cigar | All |
| Statewide | 13 | 30 | 41 | 8 | 21 | 32 | 4 | 9 | 20 |
| Males | 21 | 36 | 46 | 15 | 26 | 36 | 8 | 13 | 25 |
| Females | 5 | 24 | 36 | 2 | 16 | 27 | 1 | 6 | 16 |
| New Castle | 11 | 30 | 40 | 7 | 21 | 31 | 3 | 10 | 20 |
| Males | 18 | 36 | 44 | 13 | 26 | 34 | 6 | 14 | 23 |
| Females | 3 | 25 | 36 | 1 | 17 | 27 | 1 | 6 | 16 |
| Kent | 15 | 27 | 40 | 8 | 17 | 30 | 4 | 7 | 18 |
| Males | 24 | 34 | 46 | 15 | 22 | 35 | 9 | 10 | 23 |
| Females | 7 | 20 | 35 | 2 | 11 | 25 | 0 | 4 | 14 |
| Sussex | 17 | 34 | 47 | 12 | 25 | 37 | 8 | 11 | 25 |
| Males | 28 | 41 | 54 | 22 | 32 | 44 | 15 | 15 | 32 |
| Females | 7 | 27 | 40 | 2 | 19 | 30 | 1 | 7 | 18 |



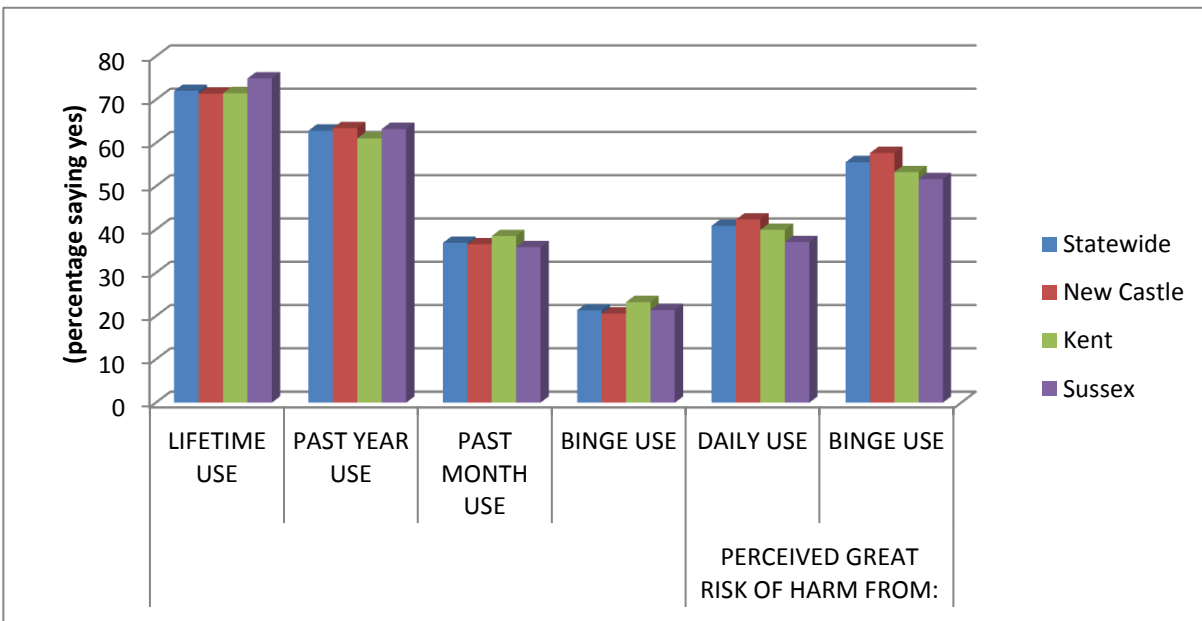
"All" includes smokeless tobacco, cigars, and cigarettes.

Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

ALCOHOL USE AMONG DELAWARE ELEVENTH GRADERS

(in percentages)

| | LIFETIME USE | PAST YEAR USE | PAST MONTH USE | BINGE USE | PERCEIVED GREAT RISK OF HARM FROM | |
|-------------------|--------------|---------------|----------------|-----------|-----------------------------------|-----------|
| | | | | | DAILY USE | BINGE USE |
| Statewide | 72 | 63 | 37 | 21 | 41 | 56 |
| Male | 71 | 61 | 37 | 22 | 36 | 51 |
| Female | 73 | 65 | 37 | 21 | 46 | 60 |
| New Castle | 71 | 63 | 37 | 21 | 42 | 58 |
| Male | 70 | 62 | 37 | 21 | 38 | 53 |
| Female | 72 | 65 | 36 | 20 | 47 | 62 |
| Kent | 72 | 61 | 38 | 23 | 40 | 53 |
| Male | 70 | 59 | 37 | 25 | 34 | 47 |
| Female | 73 | 64 | 40 | 22 | 46 | 59 |
| Sussex | 75 | 63 | 36 | 21 | 37 | 52 |
| Male | 74 | 62 | 37 | 23 | 31 | 49 |
| Female | 76 | 64 | 35 | 20 | 43 | 54 |



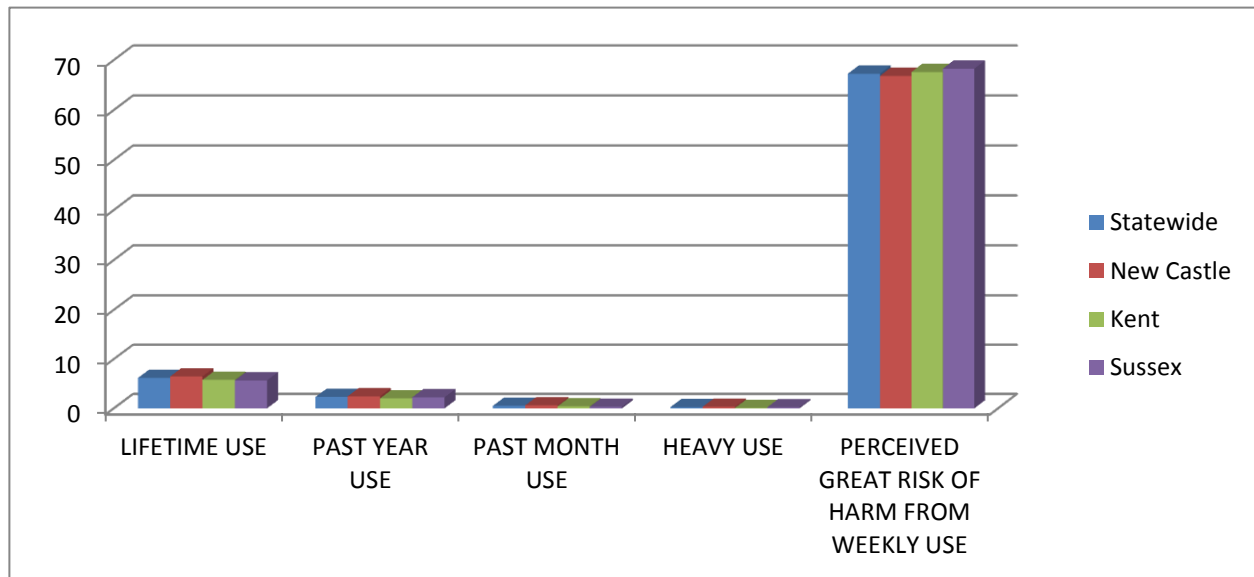
"Binge use" is defined as three or more drinks at a time in the last two weeks.

Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

INHALANT USE AMONG DELAWARE ELEVENTH GRADERS

(in percentages)

| | LIFETIME USE | PAST YEAR USE | PAST MONTH USE | HEAVY USE | PERCEIVED GREAT RISK OF HARM FROM WEEKLY USE |
|-------------------|--------------|---------------|----------------|-----------|--|
| Statewide | 6 | 2 | 1 | 0 | 67 |
| Males | 6 | 2 | 0 | 0 | 64 |
| Females | 6 | 3 | 1 | 0 | 71 |
| New Castle | 6 | 2 | 1 | 0 | 67 |
| Males | 6 | 2 | 0 | 0 | 62 |
| Females | 7 | 3 | 1 | 0 | 71 |
| Kent | 6 | 2 | 0 | 0 | 68 |
| Males | 7 | 2 | 0 | 0 | 65 |
| Females | 5 | 2 | 1 | 0 | 71 |
| Sussex | 6 | 2 | 0 | 0 | 68 |
| Males | 4 | 2 | 0 | 0 | 67 |
| Females | 7 | 3 | 0 | 0 | 69 |



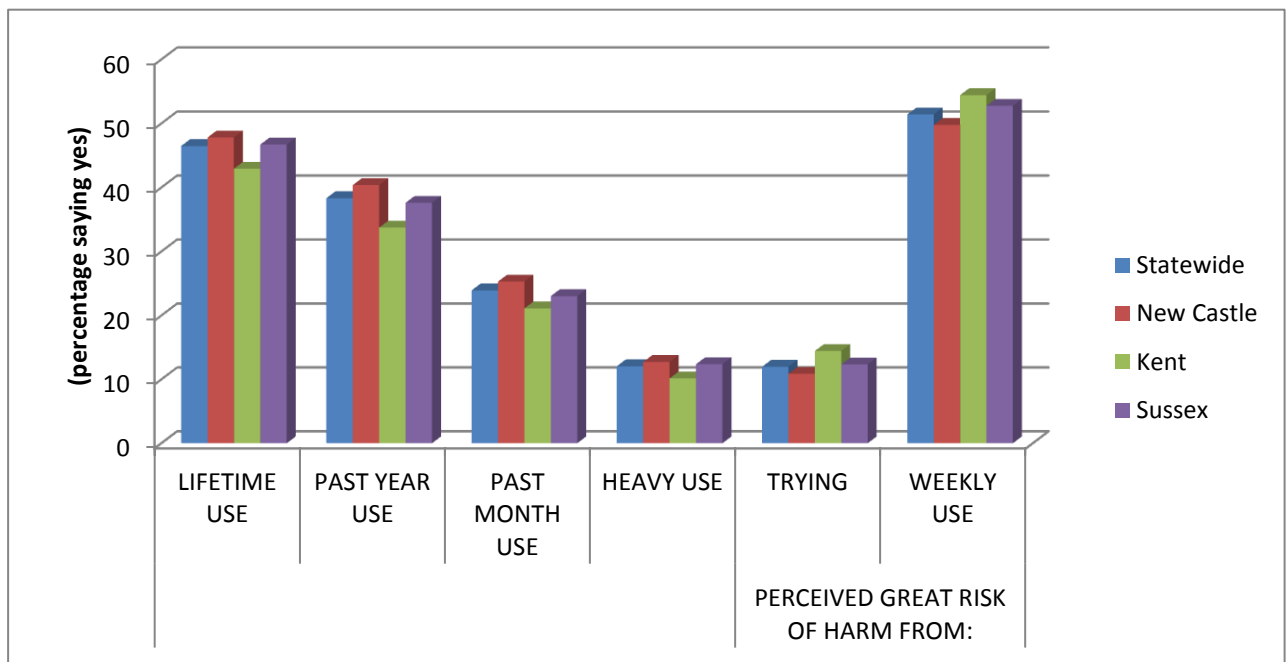
"Heavy Use" indicates more than six times in the past month.

Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

MARIJUANA USE AMONG DELAWARE ELEVENTH GRADERS

(in percentages)

| | LIFETIME USE | PAST YEAR USE | PAST MONTH USE | HEAVY USE | PERCEIVED GREAT RISK OF HARM FROM: | |
|-------------------|--------------|---------------|----------------|-----------|------------------------------------|------------|
| | | | | | TRYING | WEEKLY USE |
| Statewide | 46 | 38 | 24 | 12 | 12 | 51 |
| Males | 49 | 41 | 27 | 15 | 12 | 45 |
| Females | 44 | 36 | 20 | 9 | 12 | 58 |
| New Castle | 48 | 40 | 25 | 13 | 11 | 50 |
| Males | 49 | 42 | 28 | 16 | 11 | 44 |
| Females | 46 | 39 | 23 | 10 | 11 | 56 |
| Kent | 43 | 34 | 21 | 10 | 14 | 54 |
| Males | 48 | 38 | 25 | 13 | 13 | 48 |
| Females | 38 | 30 | 18 | 8 | 16 | 61 |
| Sussex | 47 | 38 | 23 | 12 | 12 | 53 |
| Males | 50 | 42 | 29 | 16 | 13 | 46 |
| Females | 43 | 33 | 16 | 8 | 11 | 60 |



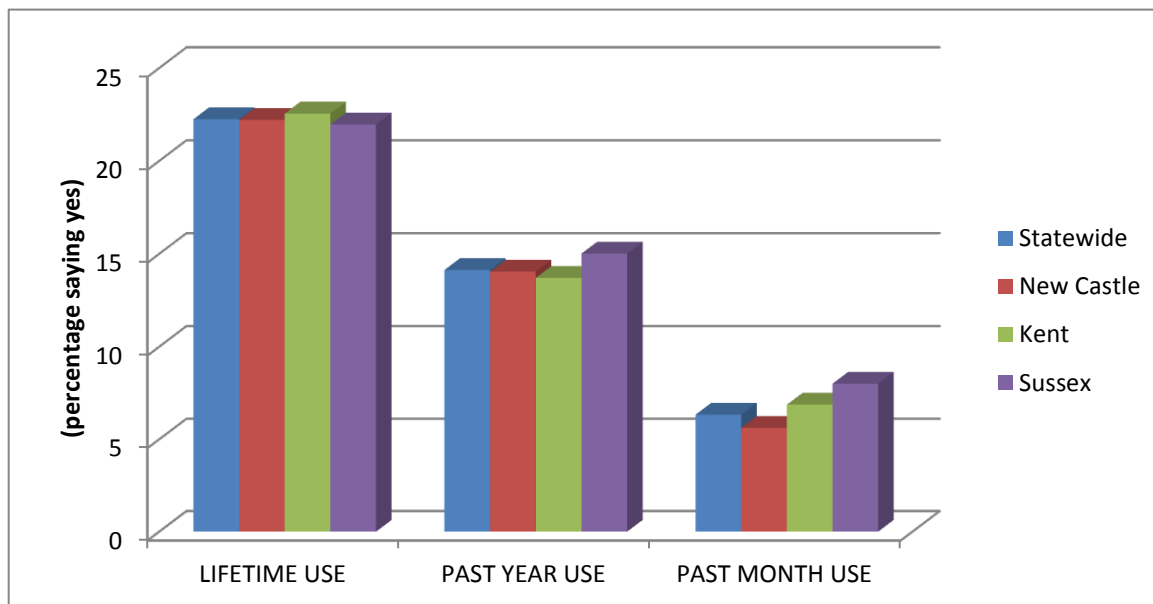
"Heavy Use" indicates more than six times in the past month.

Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

OTHER ILLEGAL DRUG USE AMONG DELAWARE ELEVENTH GRADERS

(in percentages)

| | LIFETIME USE | PAST YEAR USE | PAST MONTH USE |
|-------------------|--------------|---------------|----------------|
| <u>Statewide</u> | 22 | 14 | 6 |
| <u>Males</u> | 24 | 15 | 7 |
| <u>Females</u> | 21 | 13 | 6 |
| <u>New Castle</u> | 22 | 14 | 6 |
| <u>Males</u> | 23 | 15 | 6 |
| <u>Females</u> | 21 | 13 | 5 |
| <u>Kent</u> | 23 | 14 | 7 |
| <u>Males</u> | 25 | 15 | 7 |
| <u>Females</u> | 20 | 12 | 6 |
| <u>Sussex</u> | 22 | 15 | 8 |
| <u>Males</u> | 24 | 16 | 9 |
| <u>Females</u> | 20 | 14 | 7 |



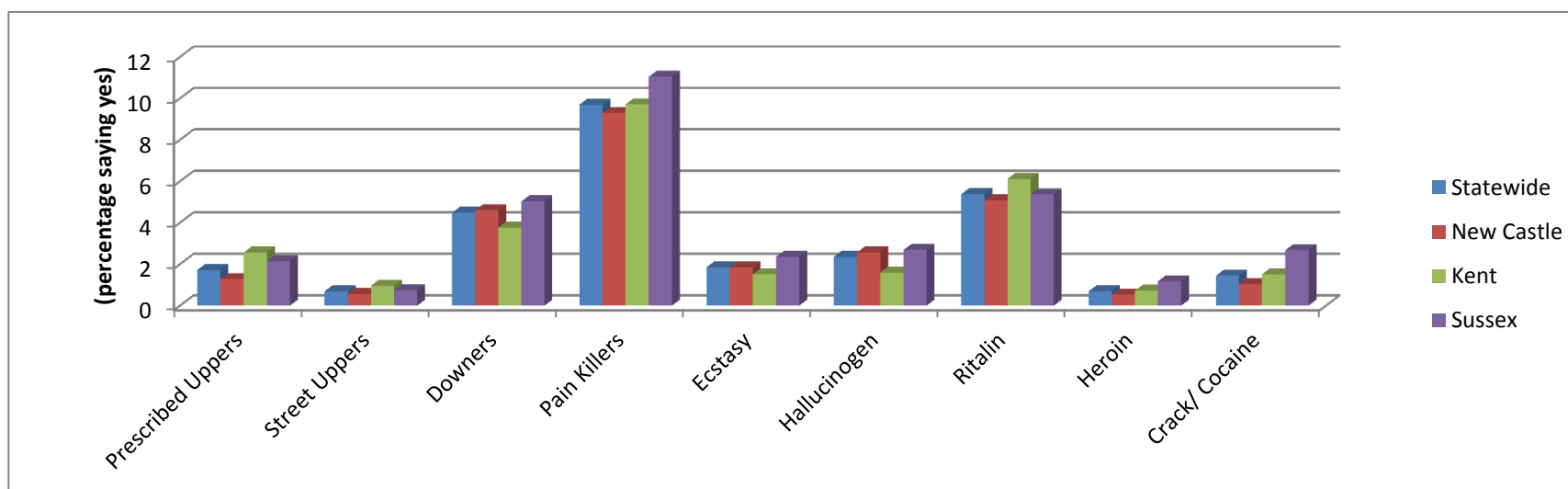
Other illegal drugs include prescription downers, prescription stimulants, inhalants, hallucinogens, crack, cocaine, heroin, ritalin, painkillers, and designer drugs.

Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

PAST YEAR USE OF OTHER ILLEGAL SUBSTANCES AMONG DELAWARE ELEVENTH GRADERS

(in percentages)

| | Prescribed Uppers | Street Uppers | Downers | Pain Killers | Ecstasy | Hallucinogen | Ritalin | Heroin | Crack/ Cocaine |
|-------------------|-------------------|---------------|---------|--------------|---------|--------------|---------|--------|----------------|
| <u>Statewide</u> | 2 | 1 | 4 | 10 | 2 | 2 | 5 | 1 | 1 |
| <u> Males</u> | 2 | 1 | 5 | 10 | 2 | 3 | 5 | 1 | 2 |
| <u> Females</u> | 2 | 1 | 4 | 10 | 2 | 1 | 5 | 0 | 1 |
| <u>New Castle</u> | 1 | 1 | 5 | 9 | 2 | 3 | 5 | 1 | 1 |
| <u> Males</u> | 2 | 1 | 5 | 9 | 2 | 4 | 5 | 1 | 1 |
| <u> Females</u> | 1 | 1 | 4 | 10 | 2 | 1 | 5 | 1 | 1 |
| <u>Kent</u> | 3 | 1 | 4 | 10 | 2 | 2 | 6 | 1 | 2 |
| <u> Males</u> | 2 | 1 | 5 | 11 | 2 | 2 | 7 | 1 | 2 |
| <u> Females</u> | 3 | 1 | 3 | 9 | 1 | 1 | 5 | 0 | 1 |
| <u>Sussex</u> | 2 | 1 | 5 | 11 | 2 | 3 | 5 | 1 | 3 |
| <u> Males</u> | 1 | 1 | 5 | 11 | 2 | 4 | 4 | 2 | 3 |
| <u> Females</u> | 3 | 0 | 5 | 11 | 2 | 2 | 7 | 0 | 2 |



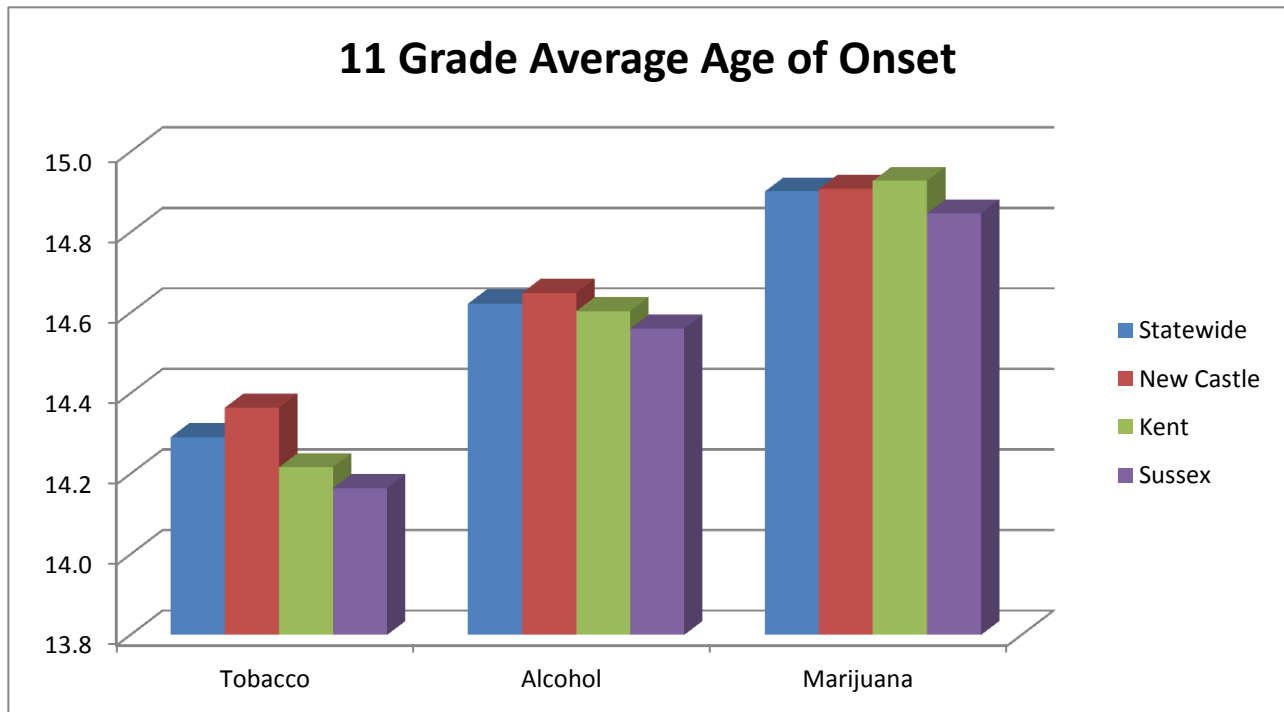
"Pain killers" includes OxyContin, Codeine, Percocet, and Tylenol 3 "to get high."

"Ritalin" includes Ritalin, Adderall, Cylert, and Concerta "to get high."

Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

Average Age of Onset for 8th and 11th Graders for Alcohol, Tobacco and Marijuana Use

| | Tobacco | | Alcohol | | Marijuana | |
|-------------------|---------|------|---------|------|-----------|------|
| | 8th | 11th | 8th | 11th | 8th | 11th |
| Statewide | 12.5 | 14.3 | 12.6 | 14.6 | 13.0 | 14.9 |
| Males | 12.4 | 14.3 | 12.5 | 14.7 | 12.9 | 15.0 |
| Females | 12.6 | 14.3 | 12.6 | 14.5 | 13.1 | 14.8 |
| New Castle | 12.6 | 14.4 | 12.6 | 14.6 | 13.0 | 14.9 |
| Males | 12.5 | 14.4 | 12.5 | 14.6 | 12.9 | 14.8 |
| Females | 12.6 | 14.3 | 12.7 | 14.7 | 13.2 | 15.0 |
| Kent | 12.3 | 14.2 | 12.5 | 14.6 | 12.9 | 14.9 |
| Males | 12.2 | 14.1 | 12.4 | 14.4 | 12.8 | 14.7 |
| Females | 12.4 | 14.3 | 12.5 | 14.8 | 13.1 | 15.2 |
| Sussex | 12.5 | 14.2 | 12.5 | 14.6 | 13.0 | 14.8 |
| Males | 12.5 | 14.3 | 12.6 | 14.5 | 13.0 | 14.8 |
| Females | 12.6 | 14.1 | 12.5 | 14.6 | 13.1 | 14.9 |

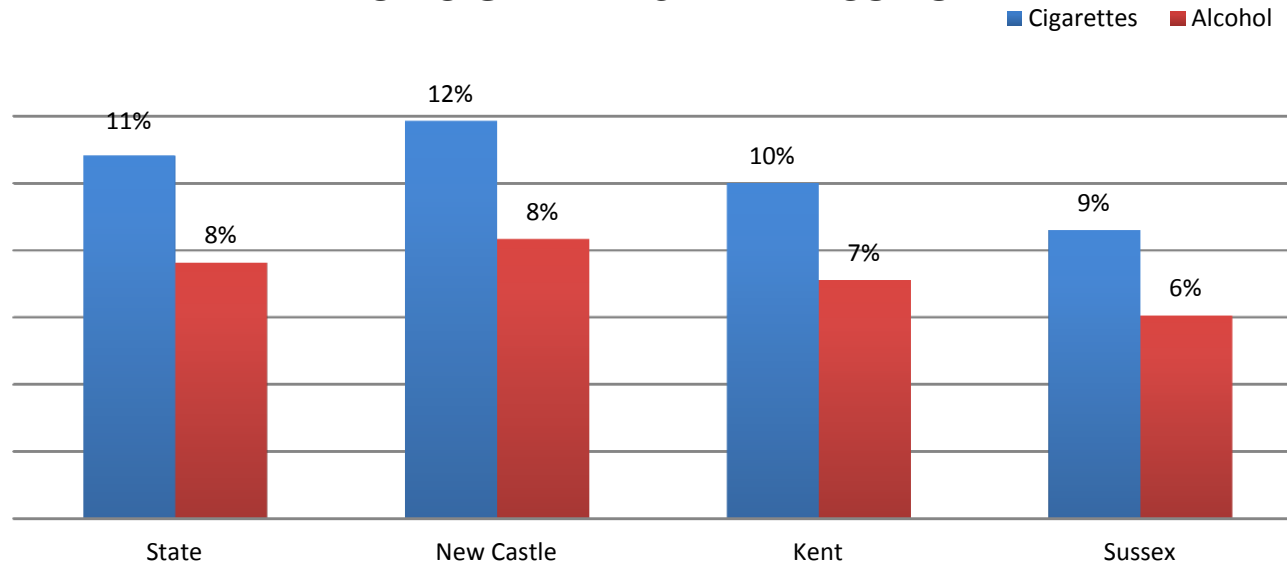


III. Risk and Protective Factors for Drug Use:

Availability of Cigarettes, Alcohol, and Other Drugs to Students

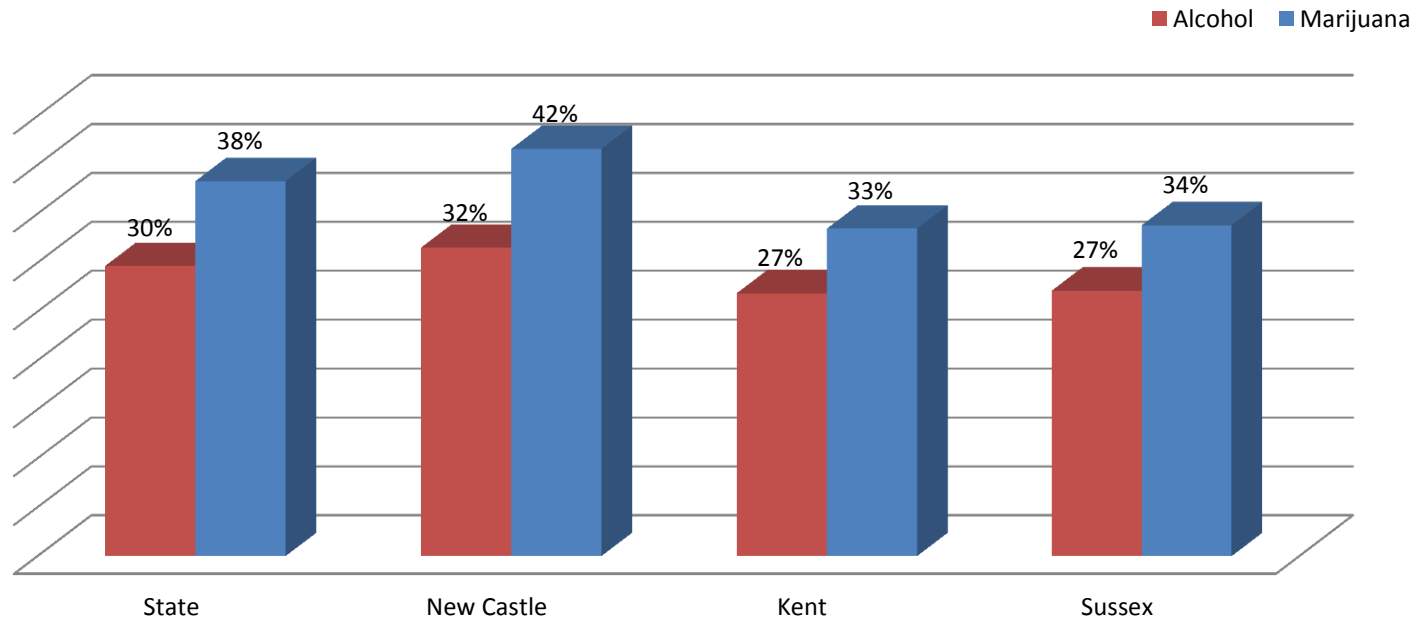
Perceived Community Environment

DELAWARE FIFTH GRADERS WHO KNOW WHERE TO BUY CIGARETTES AND ALCOHOL



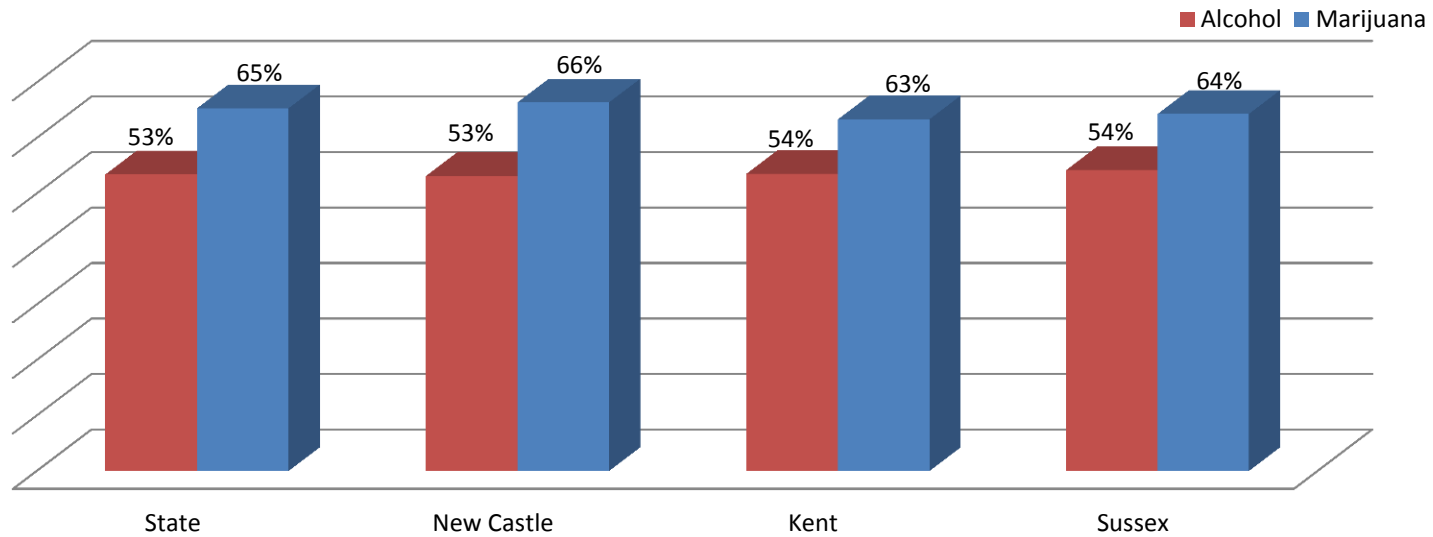
Note: Displayed percentiles are rounded to the nearest whole number.

DELAWARE EIGHTH GRADERS WHO KNOW WHERE TO BUY ALCOHOL AND MARIJUANA BY COUNTY



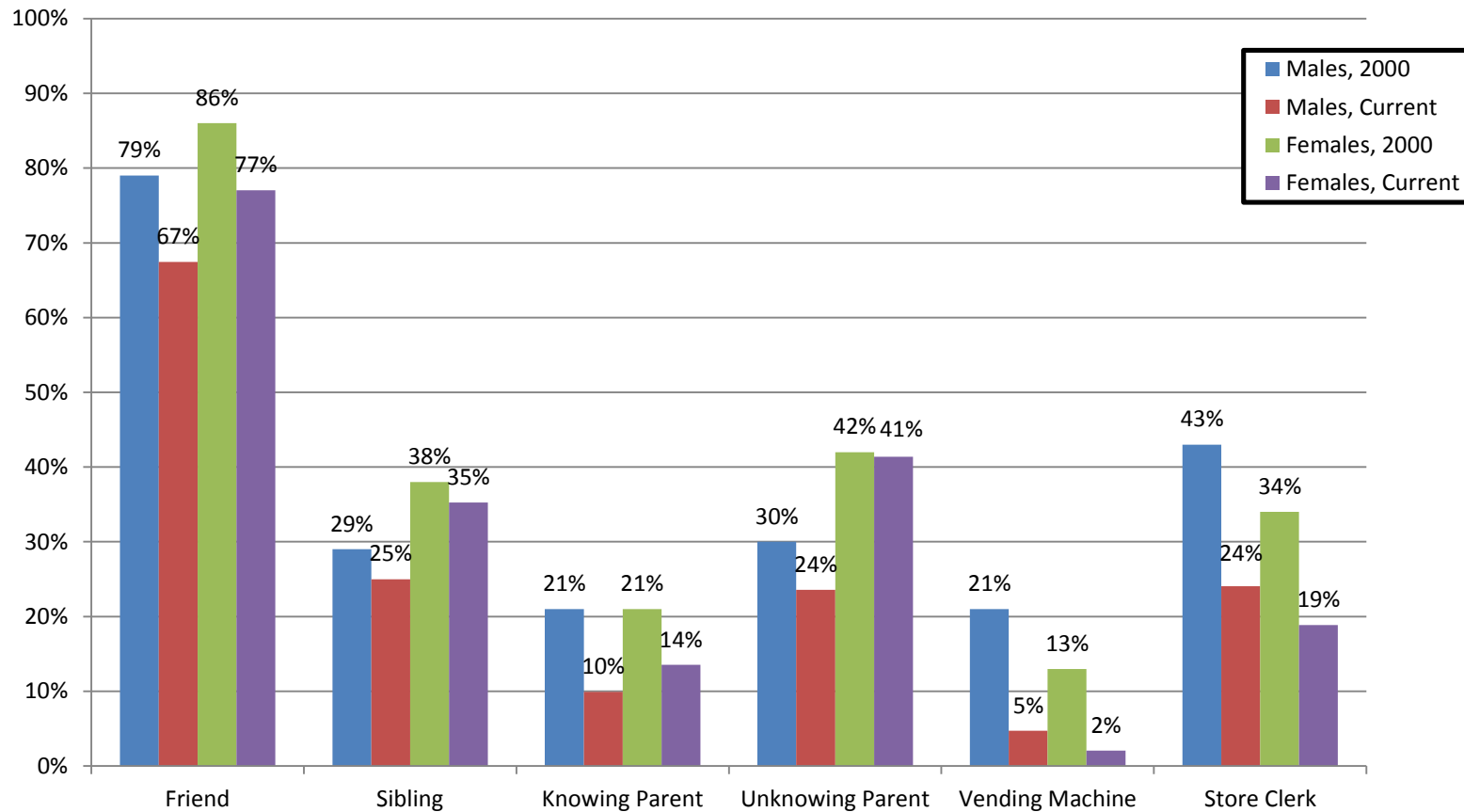
Note: Displayed percentiles are rounded to the nearest whole number.

DELAWARE ELEVENTH GRADERS WHO KNOW WHERE TO BUY ALCOHOL AND MARIJUANA BY COUNTY



Note: Displayed percentiles are rounded to the nearest whole number.

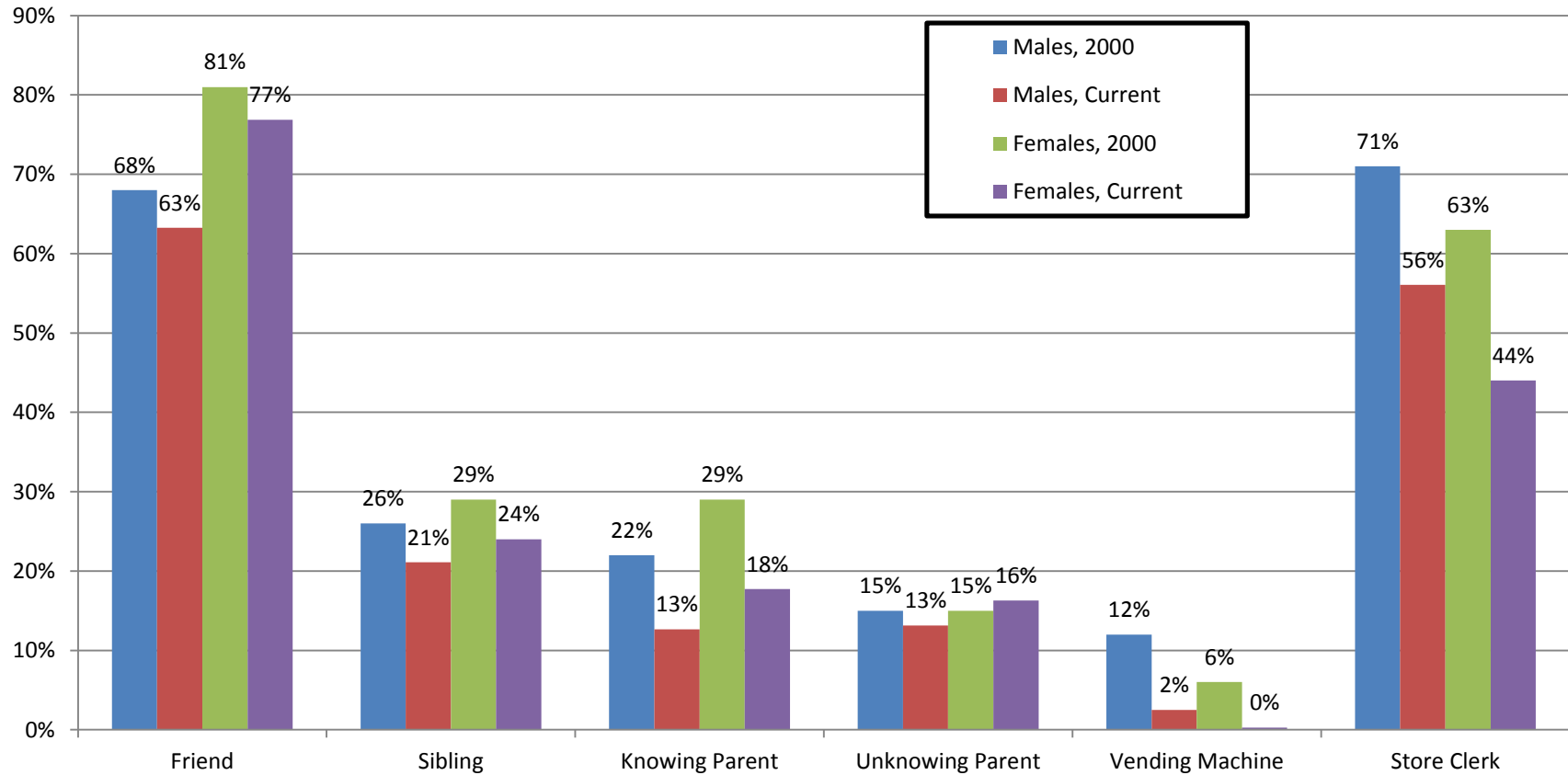
WHERE CURRENT SMOKERS GET THEIR CIGARETTES AMONG DELAWARE EIGHTH GRADERS, 2000 AND CURRENT



Current smoker is defined as reporting smoking in past month

Note: Displayed percentiles are rounded to the nearest whole number.

WHERE CURRENT SMOKERS GET THEIR CIGARETTES AMONG DELAWARE ELEVENTH GRADERS, 2000 AND CURRENT

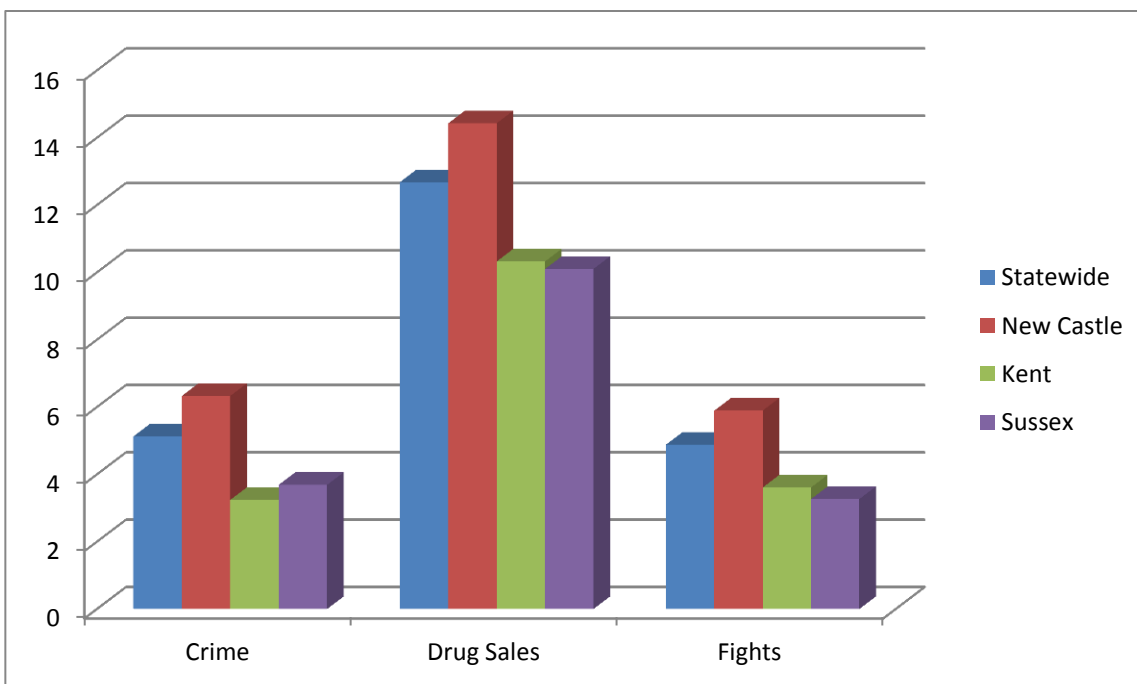


Current smoker is defined as reporting smoking in past month
 Note: Displayed percentiles are rounded to the nearest whole number.

Perceived Neighborhood Violence

(in percentages)

| | 8th Grade | | | 11th Grade | | |
|-------------------|-----------|------------|--------|------------|------------|--------|
| | Crime | Drug Sales | Fights | Crime | Drug Sales | Fights |
| Statewide | 5 | 11 | 7 | 5 | 13 | 5 |
| Males | 5 | 10 | 7 | 5 | 12 | 5 |
| Females | 5 | 11 | 7 | 5 | 13 | 5 |
| New Castle | 6 | 13 | 9 | 6 | 14 | 6 |
| Males | 7 | 12 | 9 | 7 | 13 | 6 |
| Females | 6 | 14 | 9 | 6 | 15 | 6 |
| Kent | 3 | 7 | 6 | 3 | 10 | 4 |
| Males | 3 | 7 | 5 | 3 | 9 | 3 |
| Females | 3 | 7 | 6 | 3 | 11 | 4 |
| Sussex | 3 | 6 | 4 | 4 | 10 | 3 |
| Males | 3 | 7 | 4 | 5 | 9 | 4 |
| Females | 3 | 6 | 4 | 3 | 11 | 2 |



Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error. Bar chart reflects 11th grade responses
Based on the question: "How much do each of the following describe your neighborhood?"

Self-Reported Physical/Verbal Victimization, Attributed to Kids In Neighborhood

(in percentages)

| | 8th Grade | | | 11th Grade | | |
|--------------------------|-----------|----------|------------|------------|----------|------------|
| | Verbal | Physical | Took Money | Verbal | Physical | Took Money |
| <u>Statewide</u> | 5 | 4 | 2 | 3 | 2 | 1 |
| <u>Males</u> | 5 | 5 | 2 | 3 | 2 | 2 |
| <u>Females</u> | 5 | 3 | 2 | 2 | 1 | 1 |
| <u>New Castle</u> | 6 | 4 | 2 | 3 | 1 | 1 |
| <u>Males</u> | 6 | 5 | 2 | 3 | 2 | 2 |
| <u>Females</u> | 5 | 3 | 2 | 3 | 1 | 1 |
| <u>Kent</u> | 4 | 4 | 1 | 2 | 2 | 1 |
| <u>Males</u> | 4 | 4 | 2 | 3 | 2 | 1 |
| <u>Females</u> | 4 | 3 | 1 | 2 | 1 | 1 |
| <u>Sussex</u> | 3 | 2 | 2 | 2 | 1 | 1 |
| <u>Males</u> | 2 | 3 | 2 | 3 | 2 | 1 |
| <u>Females</u> | 4 | 2 | 2 | 1 | 1 | 1 |

Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

Based on the question: "During the past 30 days, which of the following things has happened TO YOU, and who was involved:" "Kids In Neighborhood"

IV. School Environment

Estimates by Gender and County of School Violence, School Safety, and Student Comportment

Trends in School Safety and Student Comportment 1997-Present

Perceived Use by Peers

Use of Ritalin or Other Prescribed Psychoactive Medications to Improve Concentration at School by 5th, 8th, and 11th Graders

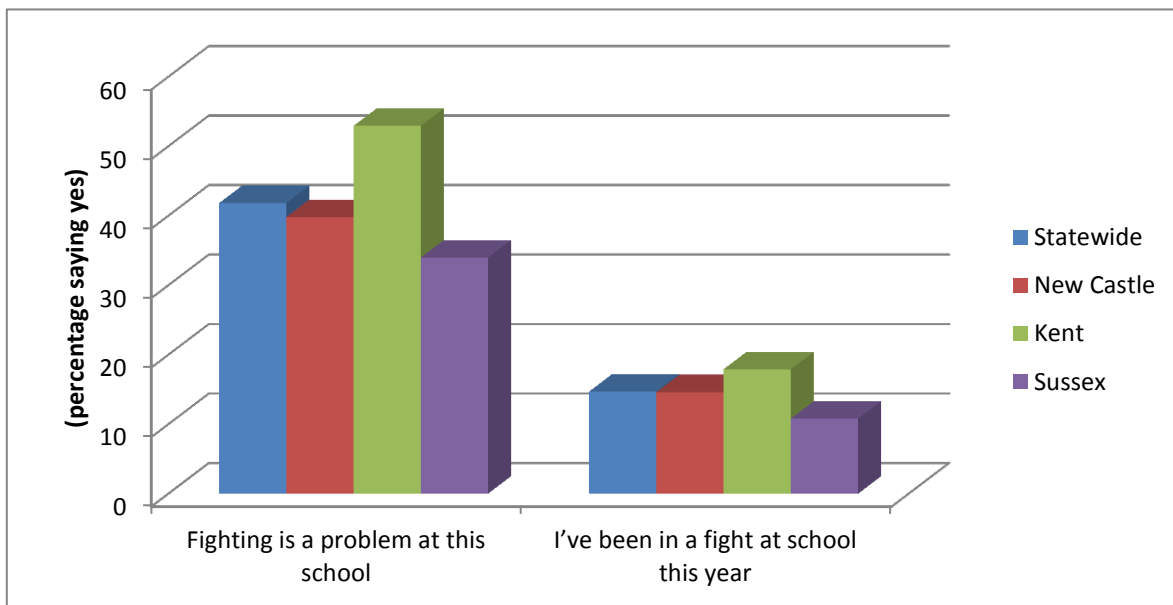
Past Month Substance Use in Relation to Prescribed Use of Psychoactive Drugs

Wellness Center Use by Eleventh Graders

SCHOOL FIGHTING REPORTED BY DELAWARE FIFTH GRADERS

(in percentages)

| | Fighting is a problem at this school | I've been in a fight at school this year |
|-------------------|--------------------------------------|--|
| Statewide | 42 | 15 |
| Males | 42 | 20 |
| Females | 41 | 9 |
| New Castle | 40 | 15 |
| Males | 40 | 20 |
| Females | 39 | 9 |
| Kent | 53 | 18 |
| Males | 53 | 25 |
| Females | 53 | 10 |
| Sussex | 34 | 11 |
| Males | 35 | 16 |
| Females | 32 | 5 |

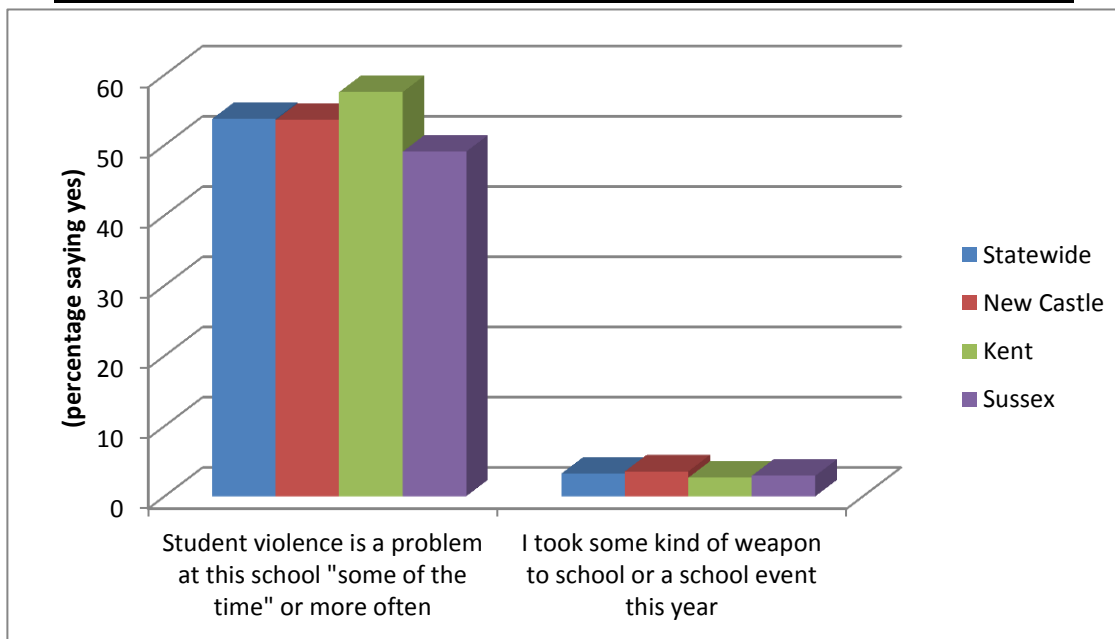


Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

SCHOOL FIGHTING REPORTED BY DELAWARE EIGHTH GRADERS

(in percentages)

| | Student violence is a problem at this school "some of the time" or more often | I took some kind of weapon to school or a school event this year |
|--------------------------|---|--|
| <u>Statewide</u> | 54 | 3 |
| <u>Males</u> | 55 | 4 |
| <u>Females</u> | 52 | 2 |
| <u>New Castle</u> | 54 | 4 |
| <u>Males</u> | 54 | 5 |
| <u>Females</u> | 53 | 2 |
| <u>Kent</u> | 58 | 3 |
| <u>Males</u> | 60 | 4 |
| <u>Females</u> | 55 | 1 |
| <u>Sussex</u> | 49 | 3 |
| <u>Males</u> | 50 | 3 |
| <u>Females</u> | 48 | 2 |

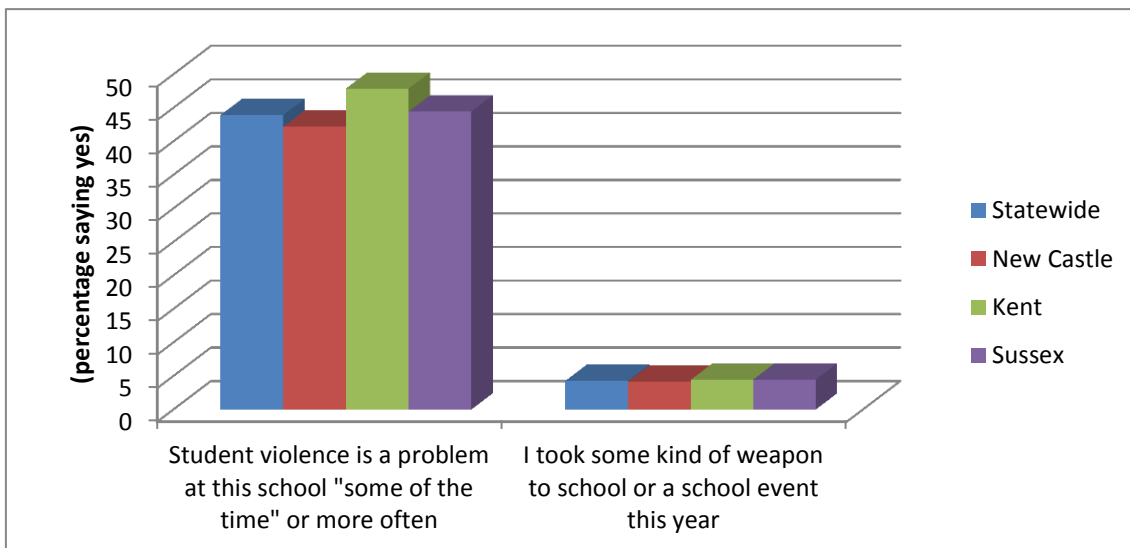


Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

SCHOOL FIGHTING REPORTED BY DELAWARE ELEVENTH GRADERS

(in percentages)

| | Student violence is a problem at this school "some of the time" or more often | I took some kind of weapon to school or a school event this year |
|--------------------------|---|--|
| <u>Statewide</u> | 44 | 4 |
| <u>Males</u> | 43 | 6 |
| <u>Females</u> | 45 | 2 |
| <u>New Castle</u> | 42 | 4 |
| <u>Males</u> | 42 | 6 |
| <u>Females</u> | 43 | 2 |
| <u>Kent</u> | 48 | 4 |
| <u>Males</u> | 43 | 7 |
| <u>Females</u> | 52 | 2 |
| <u>Sussex</u> | 44 | 4 |
| <u>Males</u> | 46 | 7 |
| <u>Females</u> | 43 | 2 |

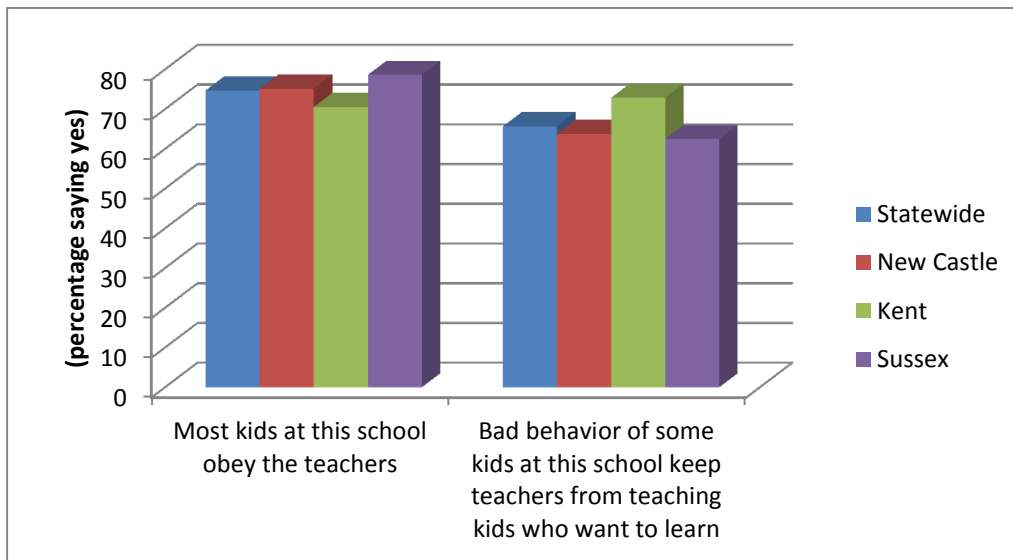


Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

**PERCEIVED STUDENT BEHAVIOR REPORTED
BY DELAWARE FIFTH GRADERS**

(in percentages)

| | Most kids at this school obey the teachers | Bad behavior of some kids at this school keep teachers from teaching kids who want to learn |
|-------------------|---|--|
| Statewide | 75 | 66 |
| Males | 74 | 68 |
| Females | 75 | 63 |
| New Castle | 75 | 64 |
| Males | 75 | 67 |
| Females | 76 | 61 |
| Kent | 71 | 73 |
| Males | 72 | 75 |
| Females | 70 | 71 |
| Sussex | 79 | 62 |
| Males | 78 | 62 |
| Females | 80 | 62 |

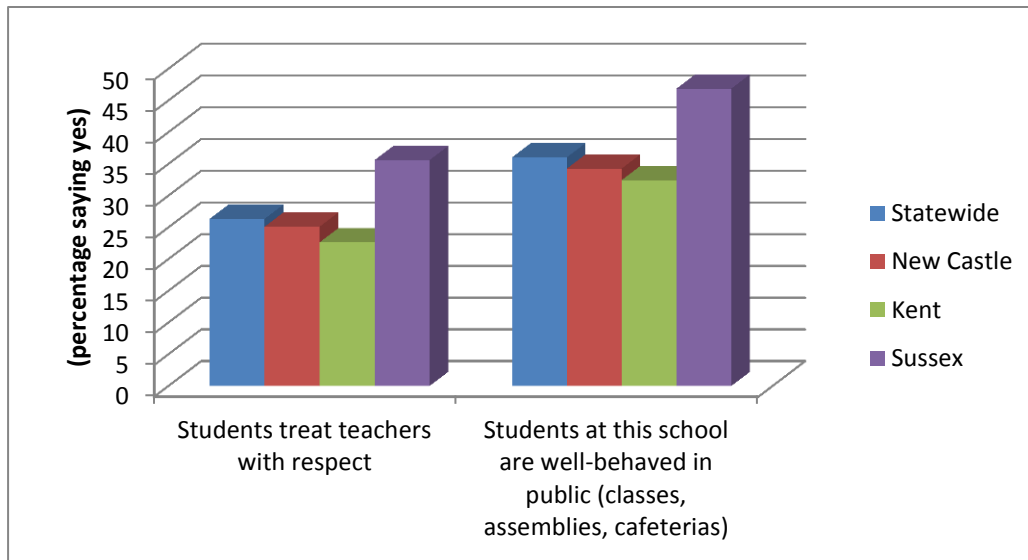


Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

**PERCEIVED STUDENT BEHAVIOR REPORTED
BY DELAWARE EIGHTH GRADERS**

(percentage responding "often" or "most of the time")

| | Students treat teachers with respect | Students at this school are well behaved in public (classes, assemblies, cafeterias) |
|-------------------|--------------------------------------|--|
| Statewide | 26 | 36 |
| Males | 31 | 40 |
| Females | 23 | 32 |
| New Castle | 25 | 34 |
| Males | 30 | 39 |
| Females | 21 | 30 |
| Kent | 23 | 32 |
| Males | 25 | 35 |
| Females | 20 | 31 |
| Sussex | 36 | 47 |
| Males | 38 | 51 |
| Females | 33 | 44 |



Response categories were:

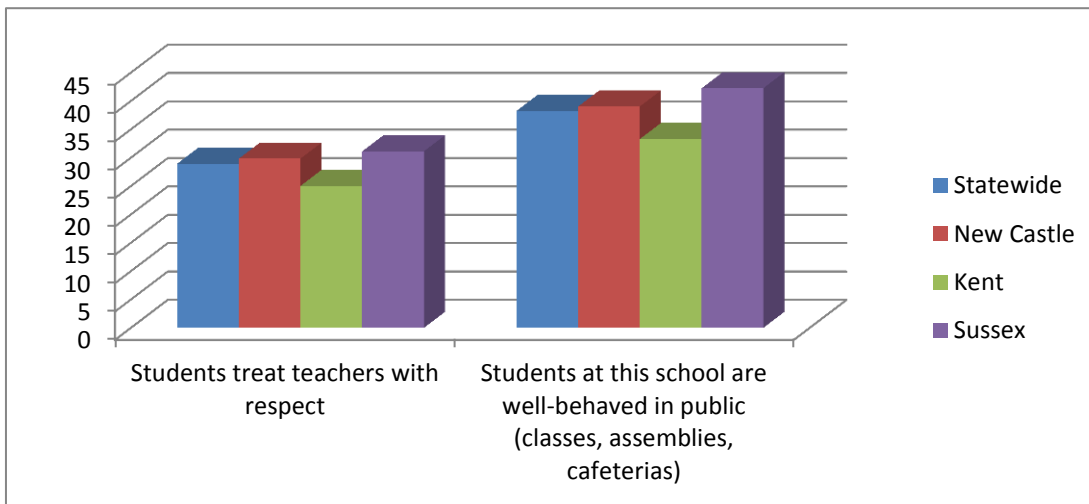
- most of the time
- often
- some of the time
- not often
- never

Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

**PERCEIVED STUDENT BEHAVIOR REPORTED
BY DELAWARE ELEVENTH GRADERS**

(percentage responding "often" or "most of the time")

| | Students treat teachers with respect | Students at this school are well-behaved in public (classes, assemblies, cafeterias) |
|-------------------|--------------------------------------|--|
| Statewide | 29 | 38 |
| Males | 33 | 41 |
| Females | 25 | 36 |
| New Castle | 30 | 39 |
| Males | 34 | 42 |
| Females | 26 | 36 |
| Kent | 25 | 33 |
| Males | 28 | 36 |
| Females | 22 | 30 |
| Sussex | 31 | 42 |
| Males | 34 | 43 |
| Females | 28 | 42 |

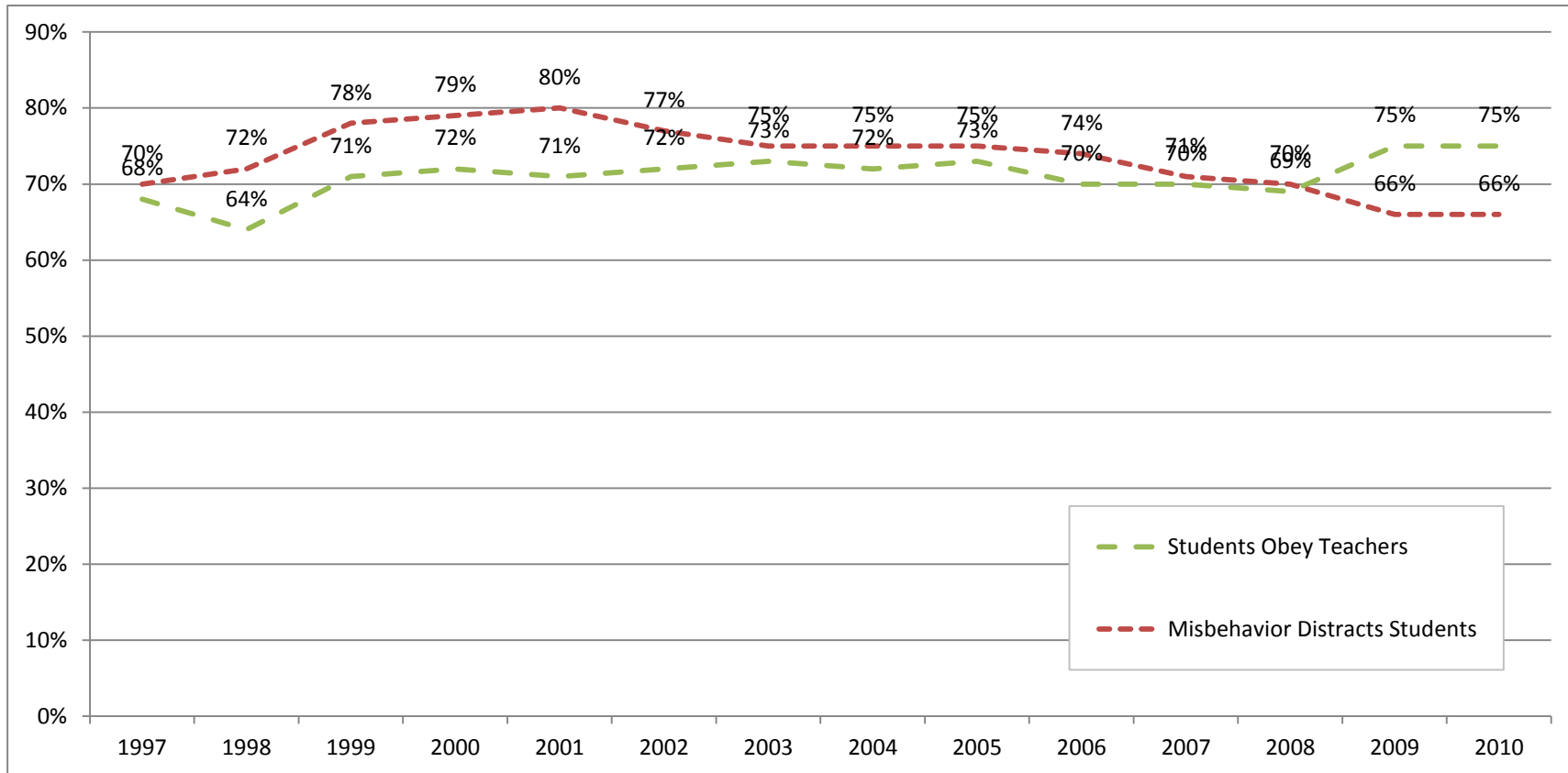


Response categories were:

- most of the time
- often
- some of the time
- not often
- never

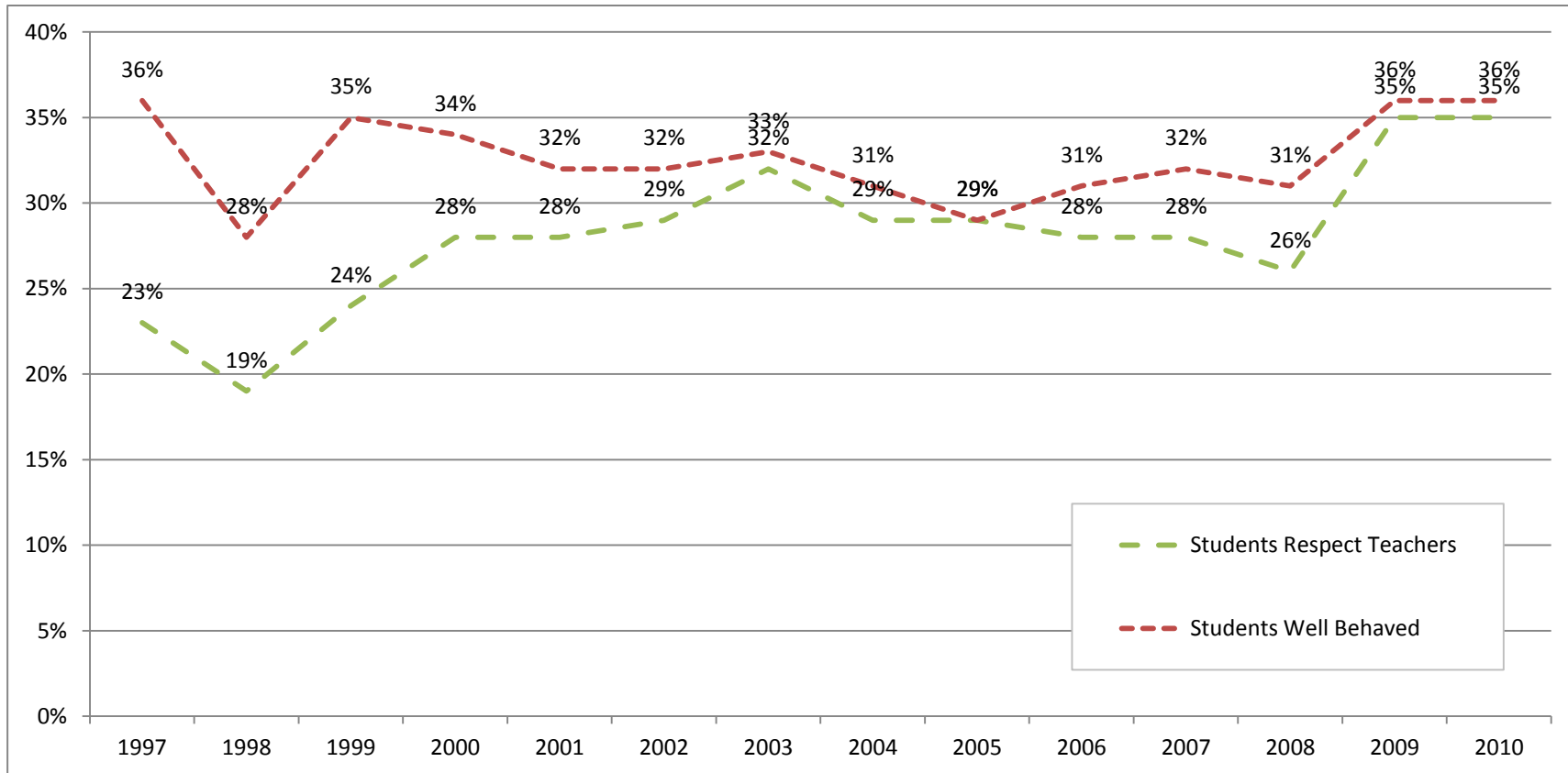
Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

TRENDS IN PERCEPTIONS OF STUDENT BEHAVIOR AMONG DELAWARE FIFTH GRADERS 1997-Present



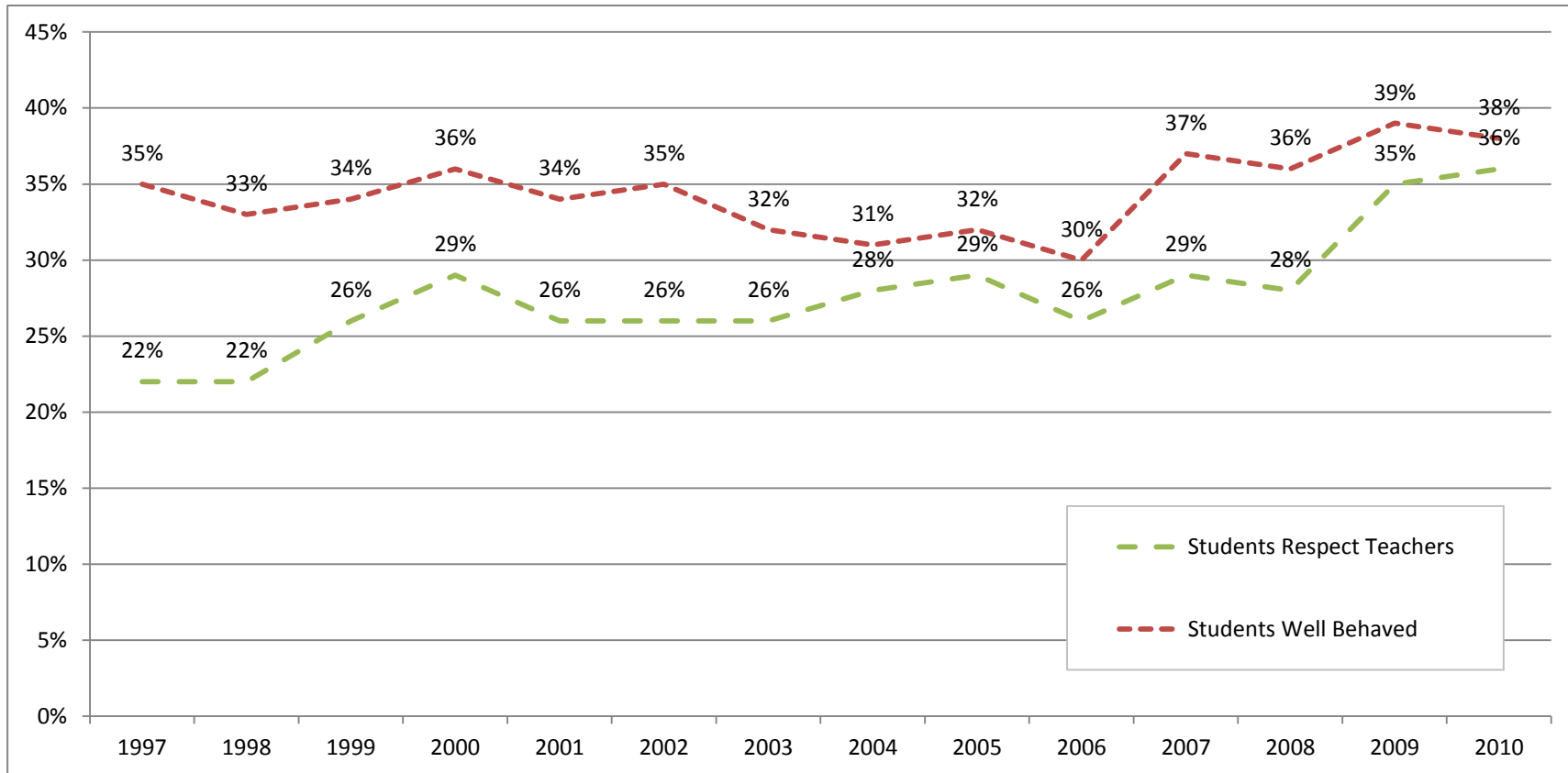
Note: Displayed percentiles are rounded to the nearest whole number.

TRENDS IN PERCEPTIONS OF STUDENT BEHAVIOR AMONG DELAWARE EIGHTH GRADERS 1997-Present



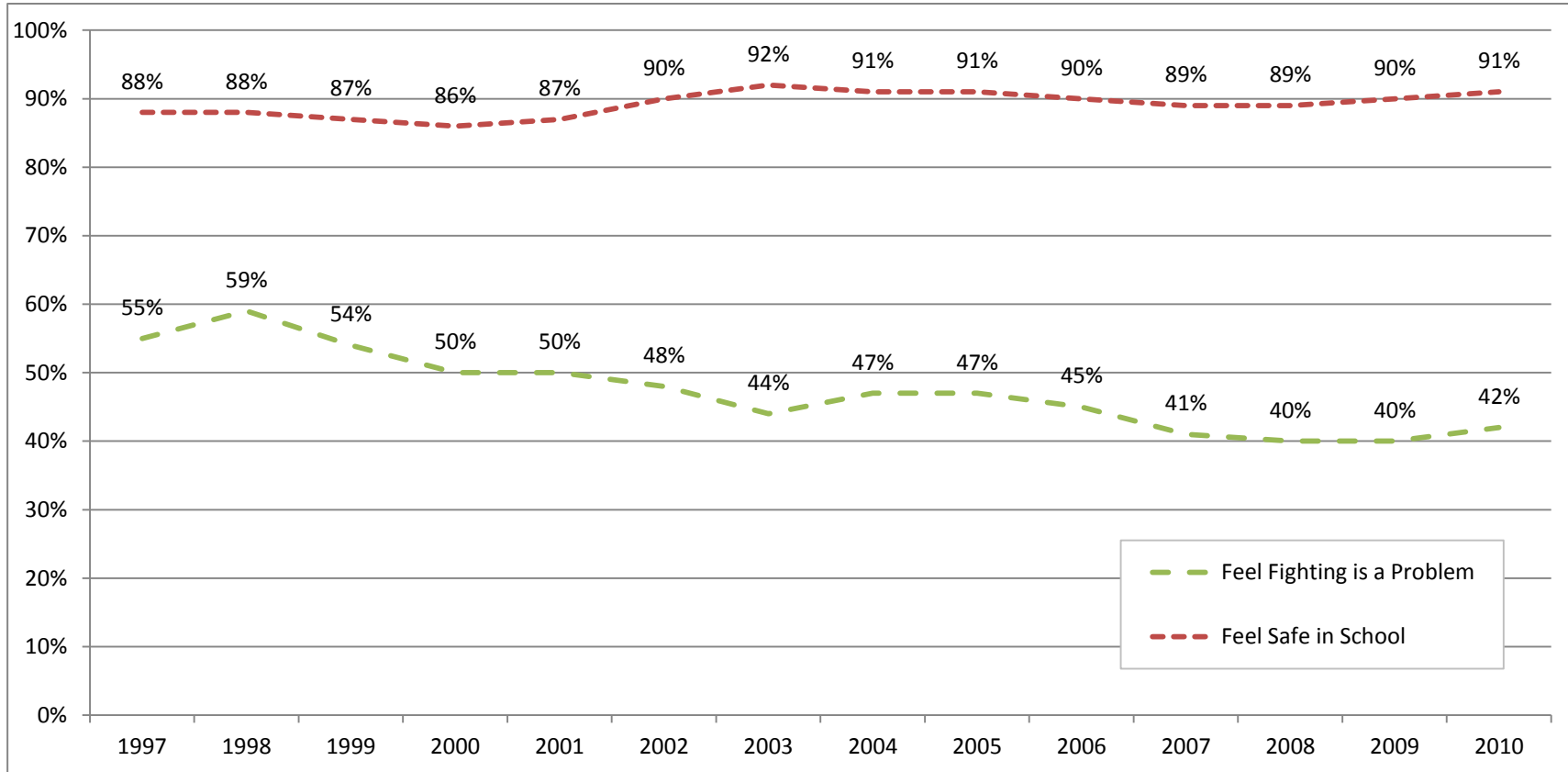
Note: Displayed percentiles are rounded to the nearest whole number.

TRENDS IN PERCEPTIONS OF STUDENT BEHAVIOR AMONG DELAWARE ELEVENTH GRADERS 1997-Present



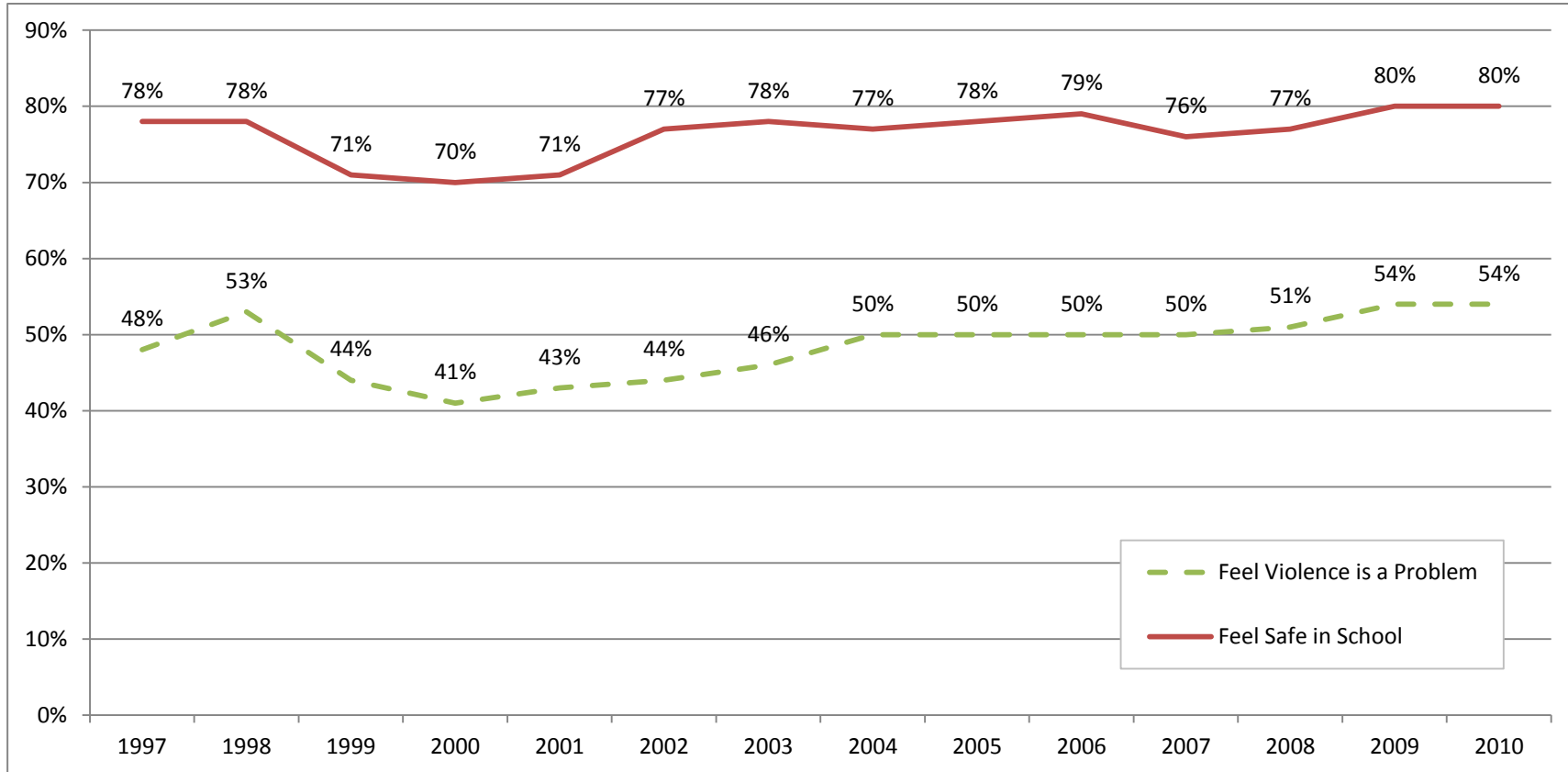
Note: Displayed percentiles are rounded to the nearest whole number.

TRENDS IN PERCEPTIONS OF SCHOOL SAFETY AMONG AMONG DELAWARE FIFTH GRADERS 1997-Present



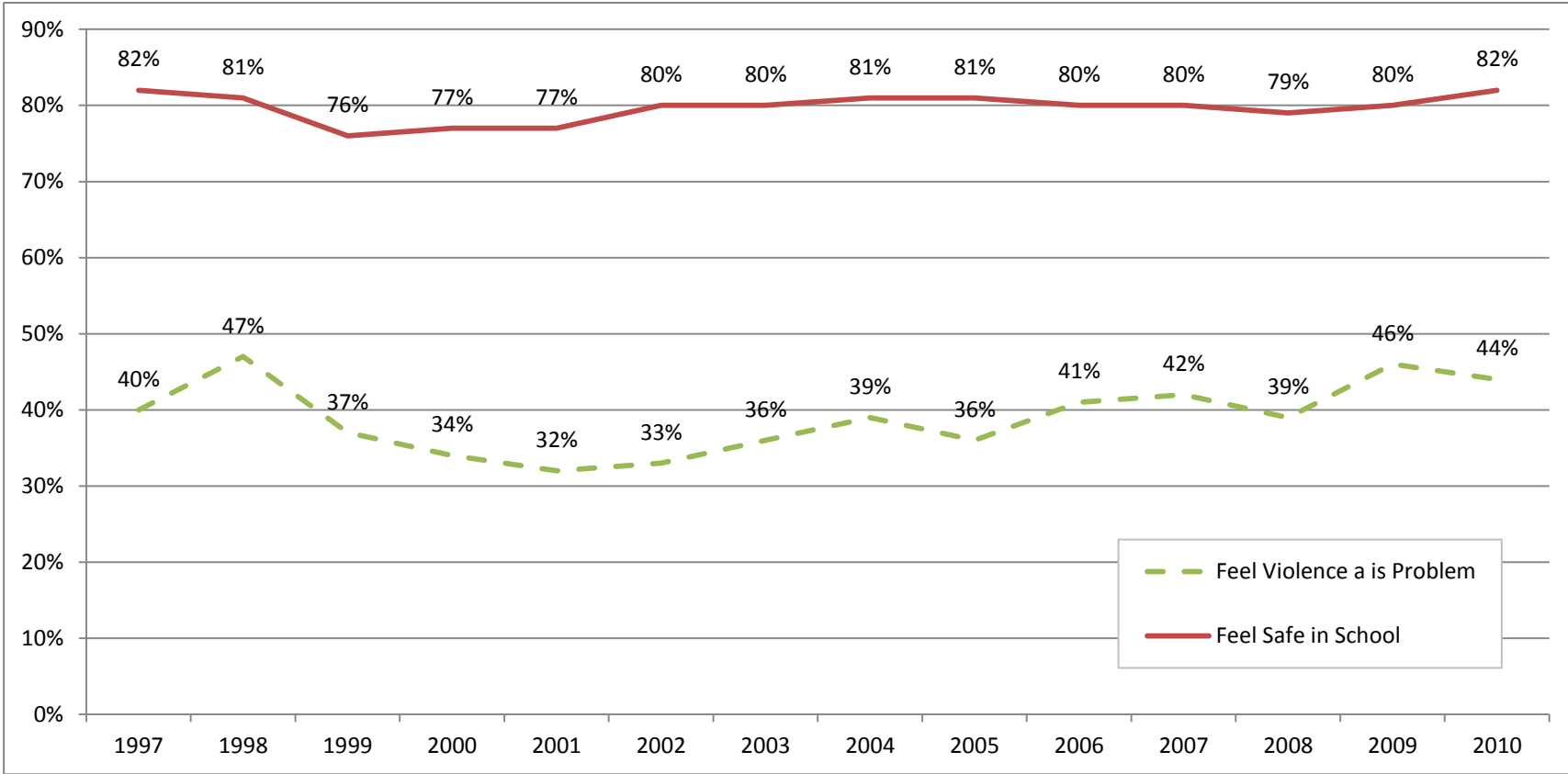
Note: Displayed percentiles are rounded to the nearest whole number.

TRENDS IN PERCEPTIONS OF SCHOOL SAFETY AMONG AMONG DELAWARE EIGHTH GRADERS 1997-Present



Note: Displayed percentiles are rounded to the nearest whole number.

TRENDS IN PERCEPTIONS OF SCHOOL SAFETY AMONG AMONG DELAWARE ELEVENTH GRADERS 1997-Present

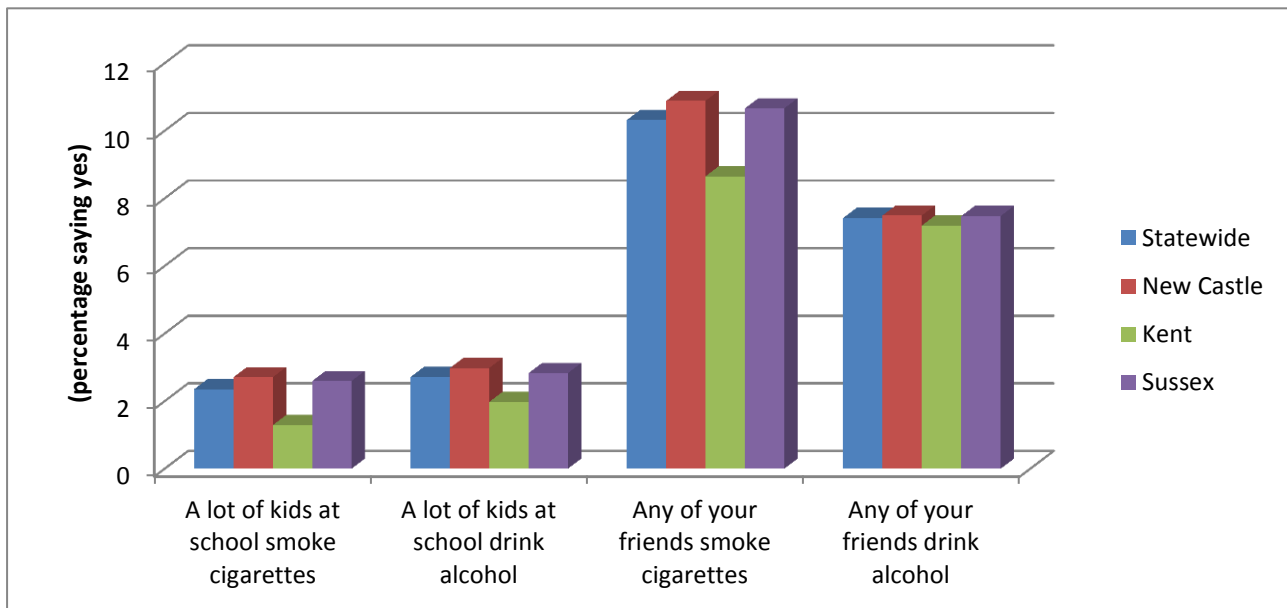


Note: Displayed percentiles are rounded to the nearest whole number.

SUBSTANCE USE BY PEERS REPORTED BY DELAWARE FIFTH GRADERS

(in percentages)

| | A lot of kids at school smoke cigarettes | A lot of kids at school drink alcohol | Any of your friends smoke cigarettes | Any of your friends drink alcohol |
|-------------------|--|---------------------------------------|--------------------------------------|-----------------------------------|
| Statewide | 2 | 3 | 10 | 7 |
| Males | 2 | 3 | 12 | 8 |
| Females | 2 | 3 | 9 | 7 |
| New Castle | 3 | 3 | 11 | 7 |
| Males | 3 | 3 | 12 | 7 |
| Females | 3 | 3 | 10 | 8 |
| Kent | 1 | 2 | 9 | 7 |
| Males | 2 | 2 | 10 | 8 |
| Females | 1 | 2 | 7 | 6 |
| Sussex | 3 | 3 | 11 | 7 |
| Males | 2 | 2 | 12 | 8 |
| Females | 3 | 3 | 9 | 7 |

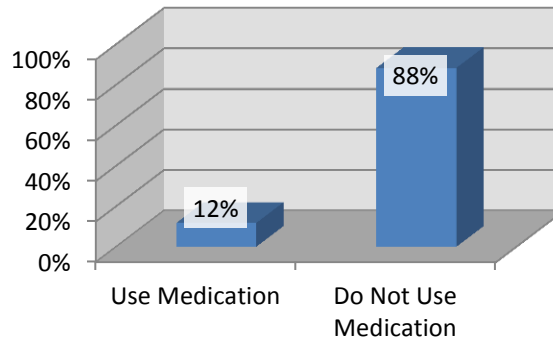


Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

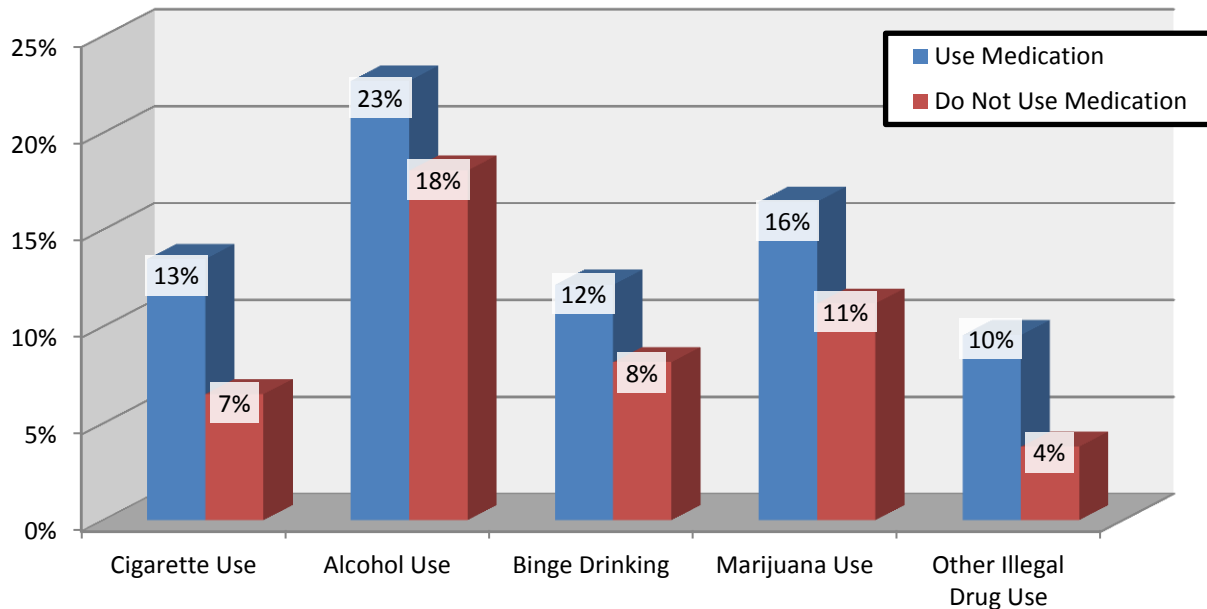
Ritalin/Psychoactive Medication and Other Drug Use Among Delaware Eighth Graders

The table on the right shows that approximately one out of eight Delaware eighth graders reported using Ritalin or other psychoactive medication. As shown in the table below, Delaware eighth graders who report using Ritalin or other psychoactive medication are more likely to have used alcohol, tobacco, or other illegal drugs during the previous month. The difference between Ritalin users and non-users is statistically significant ($p < .01$).

Percent of Delaware Eighth Graders Who Use and Do Not Use Ritalin or Other Psychoactive Medication



Past Month Substance Abuse Among Delaware Eighth Graders Who Use and Do Not Use Ritalin or Other Psychoactive Medication

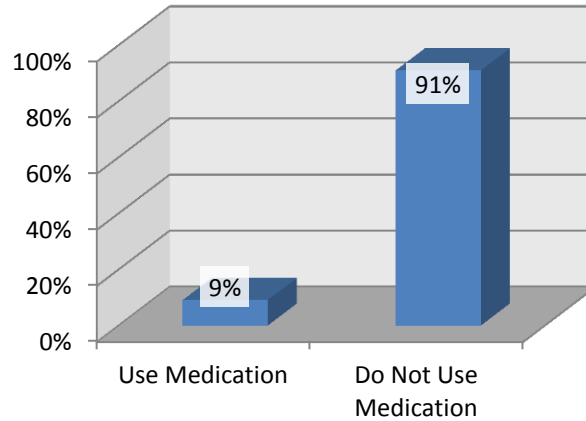


Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

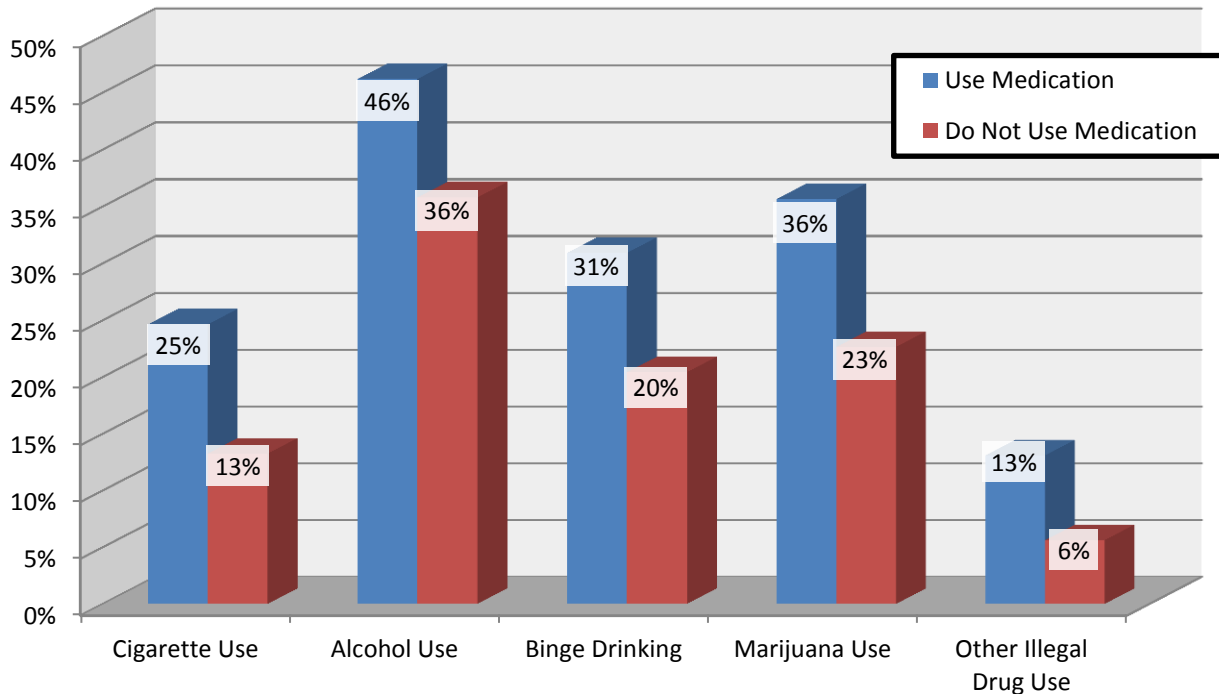
Ritalin/Psychoactive Medication and Other Drug Use Among Delaware Eleventh Graders

The table on the right shows that approximately one out of eleven Delaware eleventh graders reported using Ritalin or other psychoactive medication. As shown in the table below, Delaware eleventh graders who report using Ritalin or other psychoactive medication are more likely to have used alcohol, tobacco, or other illegal drugs in the past month. The difference between Ritalin users and non-users is statistically significant ($p < .01$).

Percent of Delaware Eleventh Graders Who Use and Do Not Use Ritalin or Other Psychoactive Medication



Past Month Substance Abuse Among Delaware Eleventh Graders Who Use and Do Not Use Ritalin or Other Psychoactive Medication

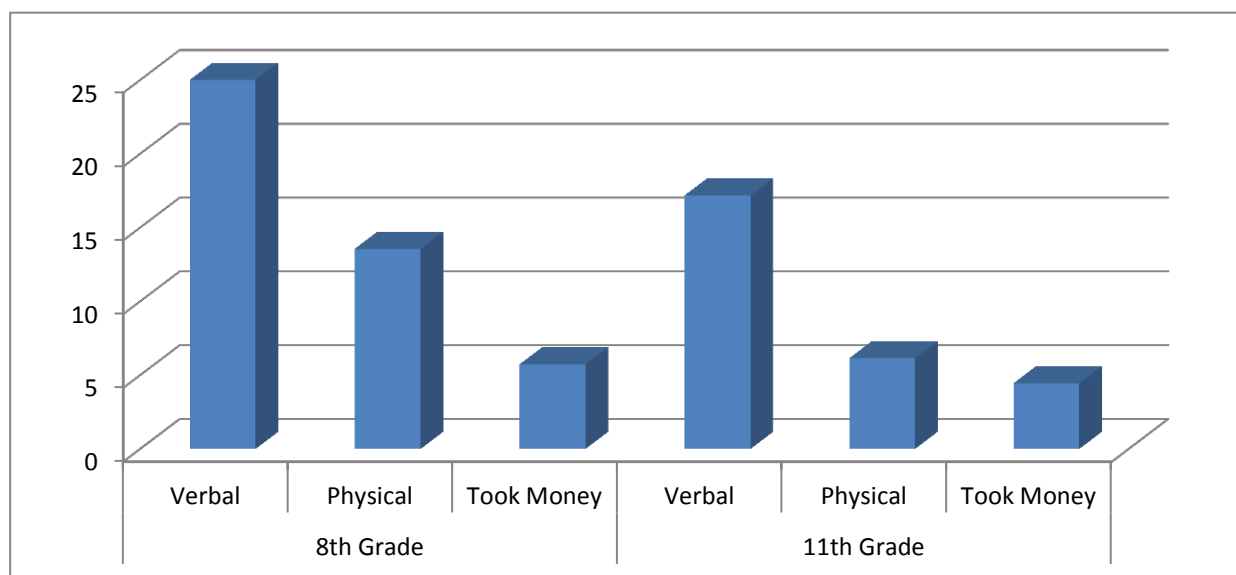


Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

Physical/Verbal Abuse by Kids In School

(in percentages)

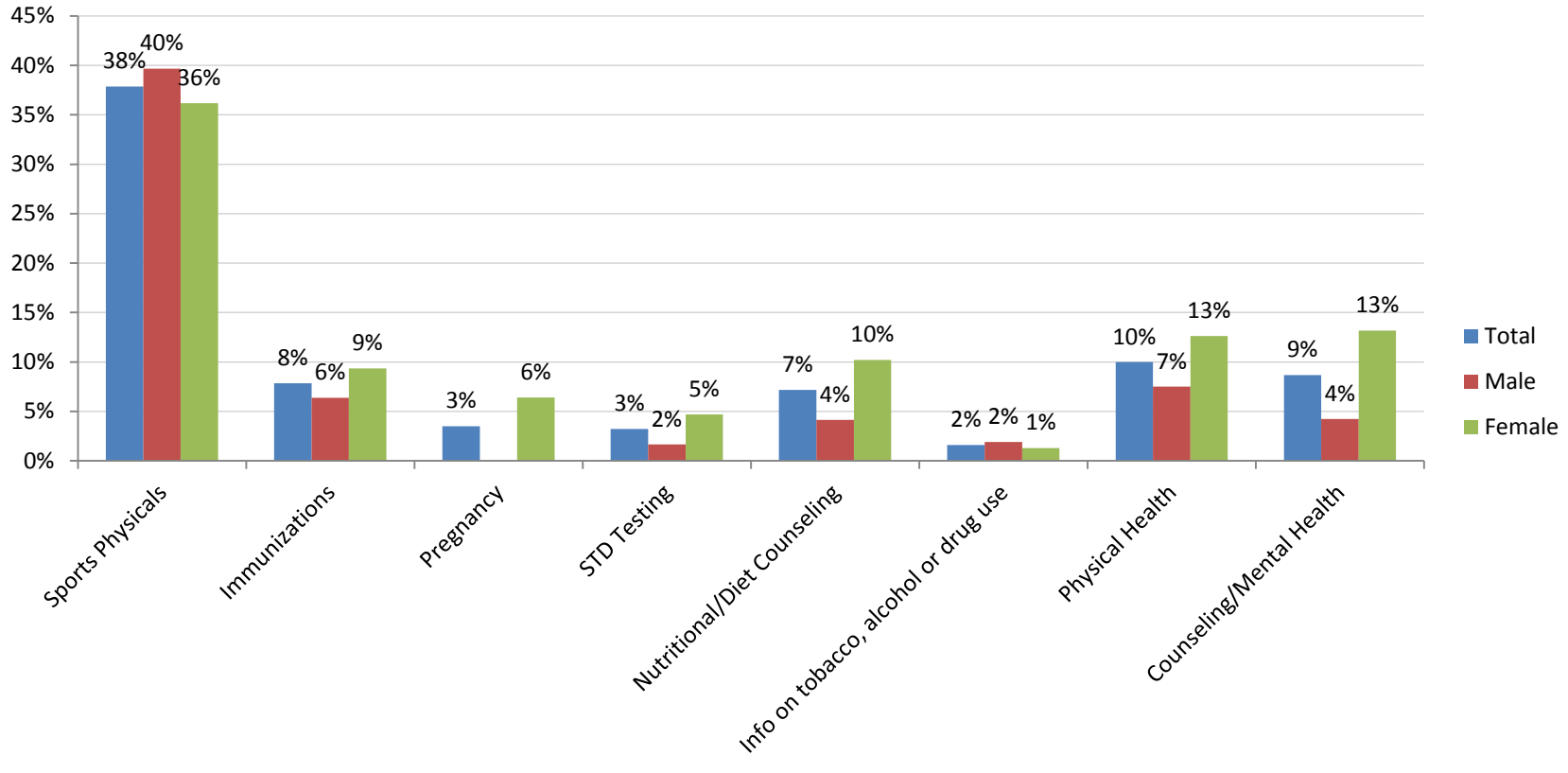
| | 8th Grade | | | 11th Grade | | |
|-------------------|-----------|----------|------------|------------|----------|------------|
| | Verbal | Physical | Took Money | Verbal | Physical | Took Money |
| Statewide | 25 | 14 | 6 | 17 | 6 | 4 |
| Males | 23 | 16 | 6 | 17 | 8 | 4 |
| Females | 27 | 11 | 6 | 18 | 4 | 5 |
| New Castle | 25 | 13 | 6 | 17 | 6 | 4 |
| Males | 22 | 15 | 6 | 16 | 8 | 4 |
| Females | 28 | 11 | 6 | 17 | 4 | 4 |
| Kent | 26 | 14 | 5 | 18 | 7 | 5 |
| Males | 24 | 18 | 6 | 18 | 9 | 5 |
| Females | 28 | 11 | 5 | 18 | 5 | 4 |
| Sussex | 25 | 14 | 6 | 19 | 7 | 5 |
| Males | 24 | 16 | 5 | 18 | 9 | 5 |
| Females | 27 | 13 | 7 | 19 | 5 | 6 |



Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

Based on the question: "During the past 30 days, which of the following things has happened TO YOU, and who was involved: Kids in School"

PERCENTAGE OF DELAWARE ELEVENTH GRADERS REPORTING WELLNESS CENTER USE



Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

Note: These are reasons for use and do not represent the amount of use for different categories of visits

V. Family Environment

Perceived Parental Disapproval of
Substance Use

Perceived Family Climate: Books,
Museums, and Chores

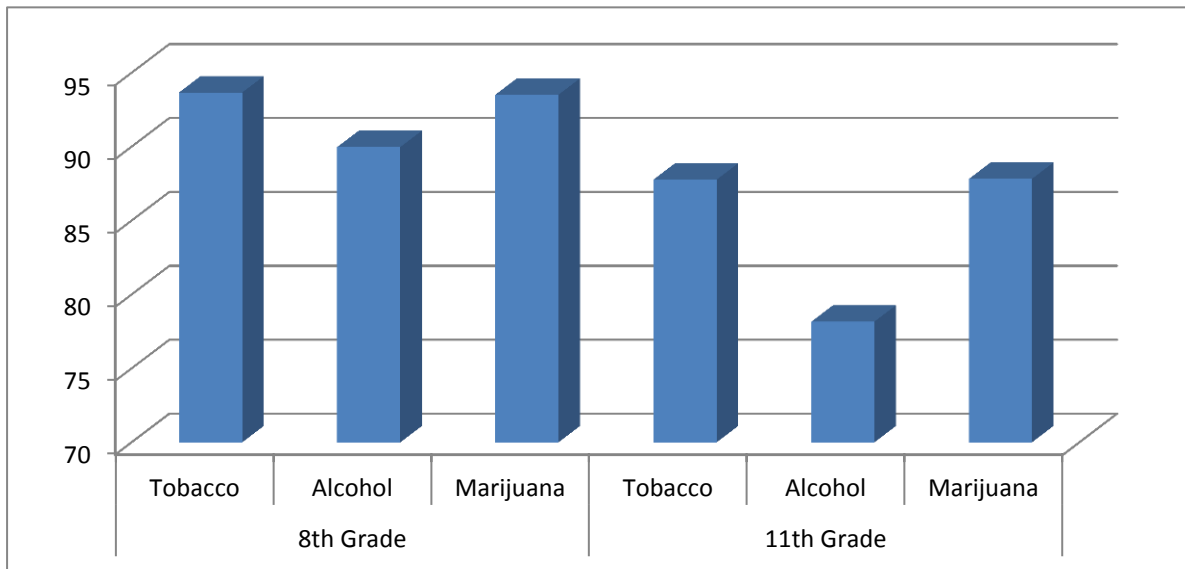
Perceived Parental Behavior: Monitoring,
Rule-Setting, and Support

Fighting/Arguing with Parents

Perceived Parental Disapproval of Tobacco, Alcohol and Marijuana Use

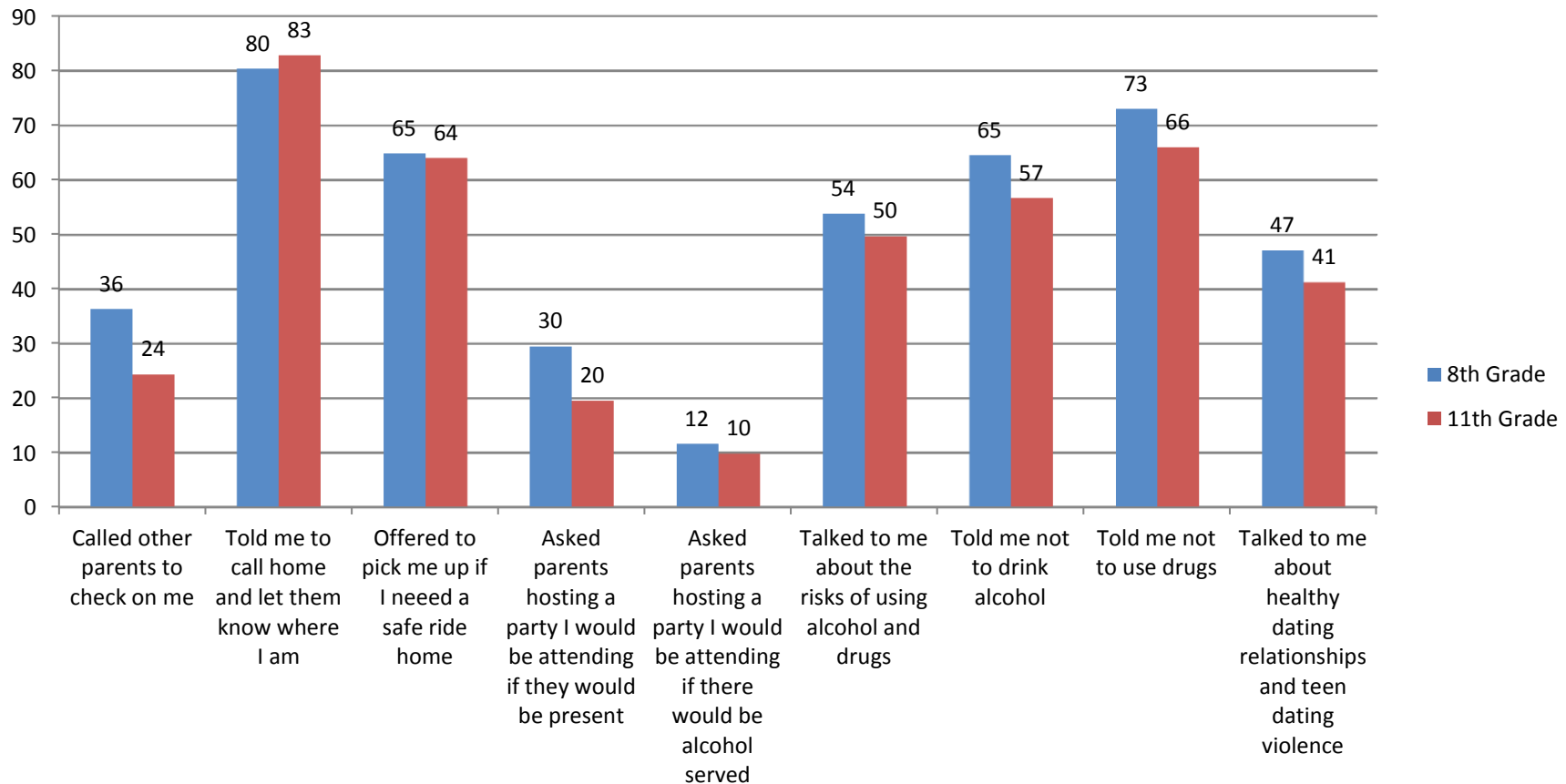
(in percentages)

| | 8th Grade | | | 11th Grade | | |
|-------------------|-----------|---------|-----------|------------|---------|-----------|
| | Tobacco | Alcohol | Marijuana | Tobacco | Alcohol | Marijuana |
| Statewide | 94 | 90 | 94 | 88 | 78 | 88 |
| Males | 94 | 91 | 93 | 87 | 78 | 86 |
| Females | 93 | 89 | 94 | 89 | 79 | 89 |
| New Castle | 94 | 90 | 93 | 89 | 80 | 88 |
| Males | 94 | 92 | 93 | 89 | 78 | 87 |
| Females | 93 | 88 | 94 | 90 | 81 | 90 |
| Kent | 93 | 90 | 94 | 86 | 76 | 87 |
| Males | 93 | 90 | 93 | 84 | 76 | 86 |
| Females | 93 | 90 | 94 | 87 | 76 | 88 |
| Sussex | 94 | 91 | 94 | 85 | 77 | 87 |
| Males | 94 | 89 | 93 | 84 | 78 | 85 |
| Females | 95 | 93 | 94 | 87 | 75 | 89 |



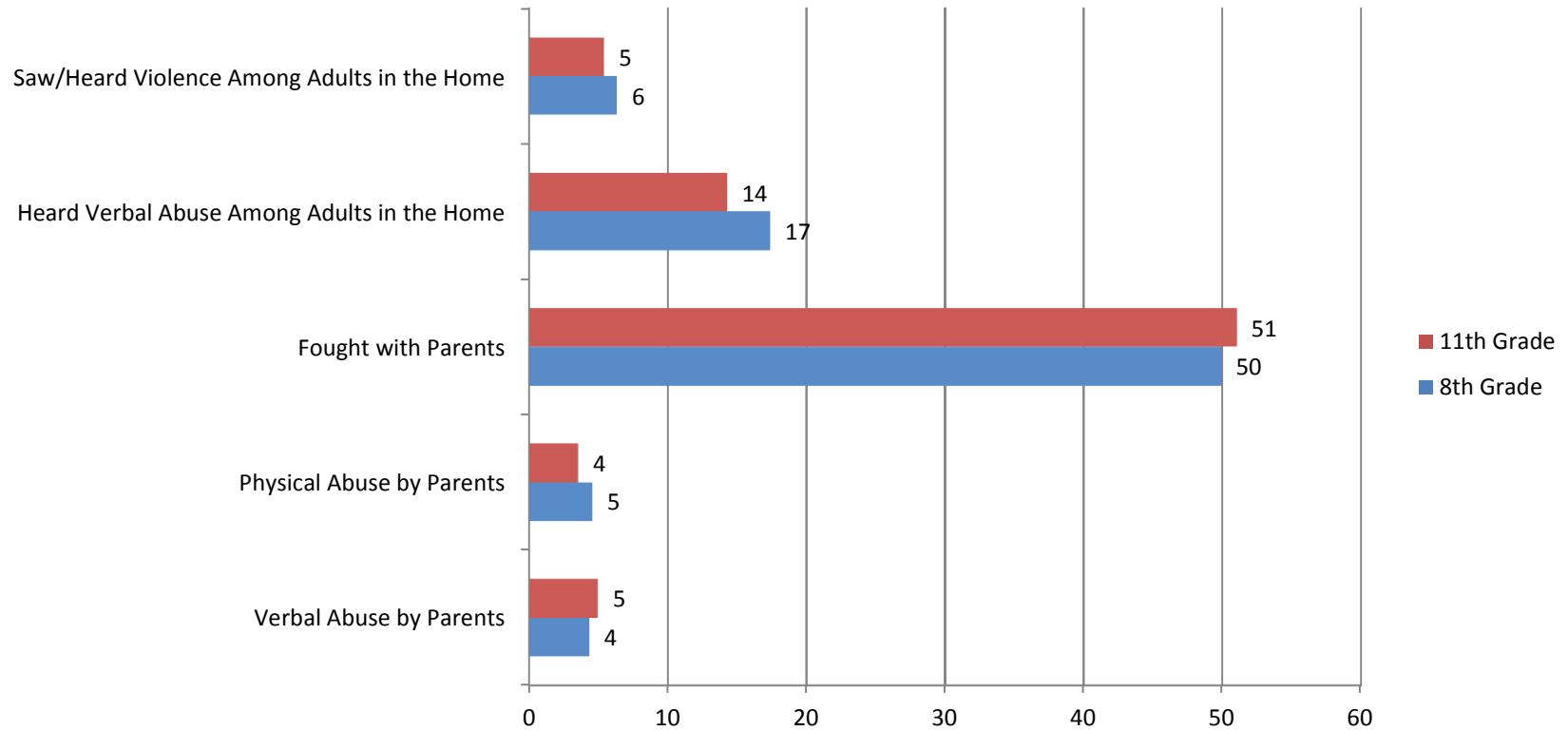
Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

Percentage of 8th and 11th Graders Whos Parents Have Done the Following In the Past Year:



Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

Past Year Family Climate Reported by 8th and 11th Graders



Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

VI. Other Risk Behaviors and Consequences

Delinquency: Arrests, Suspensions, Group Fights, Hitting, Stealing, Trespassing, Weapon-Carrying, Vandalism, and Selling/Giving Drugs

Estimates by Gender and County of Lifetime, Past Year, and Past Month Riding in a Car with a Driver Who Has Been Drinking or Using Marijuana, 8th and 11th Graders

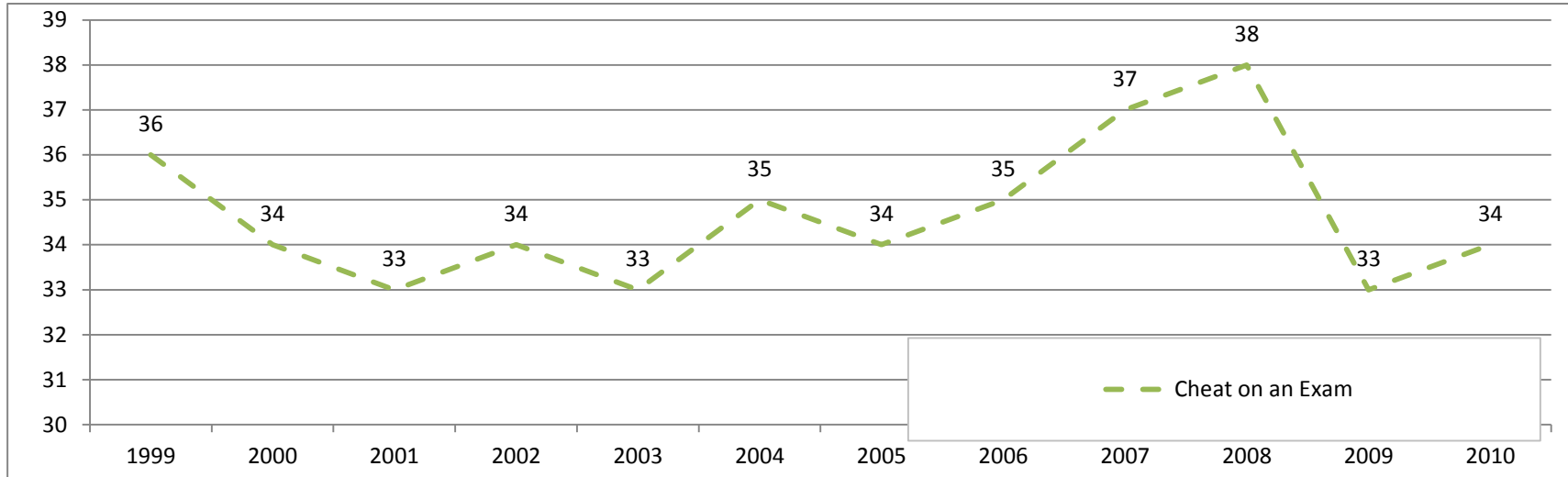
Trends over Time in Report of Past Month Drinking and Driving and of Past Month Marijuana Use and Driving, 1989-Present 11th Graders

Estimates by Gender and County of Lifetime, Past Year, and Past Month Drinking and Driving and Marijuana Use and Driving, 11th Graders

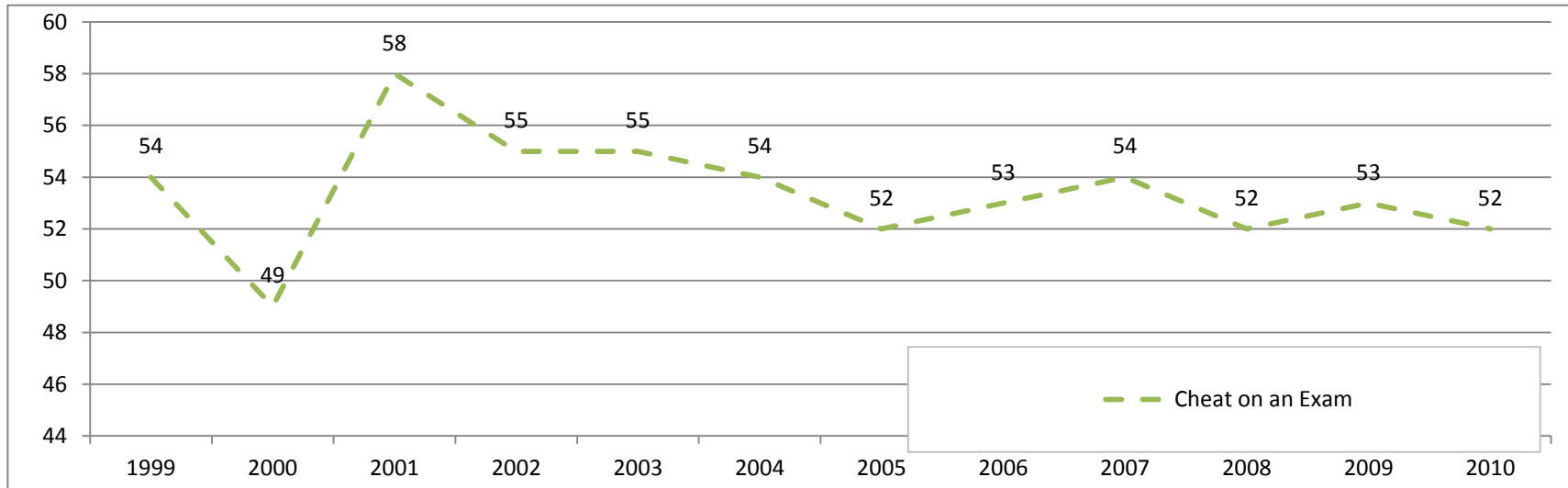
Past Month Drug Use in Relation to Past Year Report of Delinquent Behaviors, 8th and 11th Graders

TRENDS IN DELAWARE STUDENTS' DELINQUENCY Past Year Reports of Non-Criminal Negative Behaviors

8th Grade



11th Grade

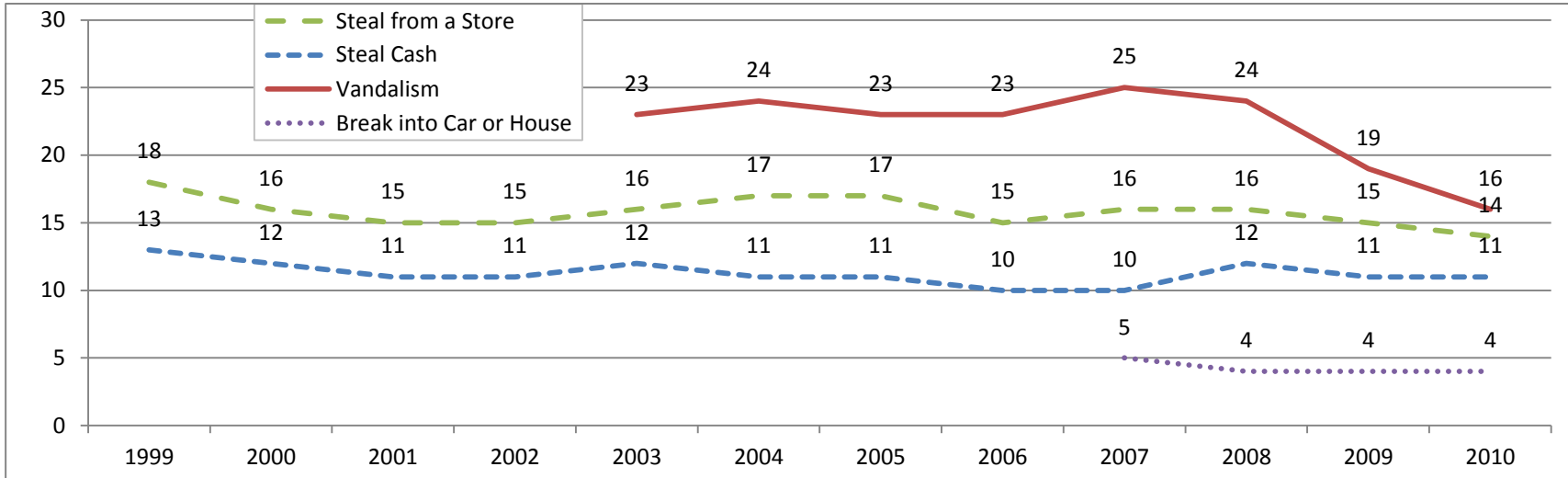


Note: Displayed percentiles are rounded to the nearest whole number.

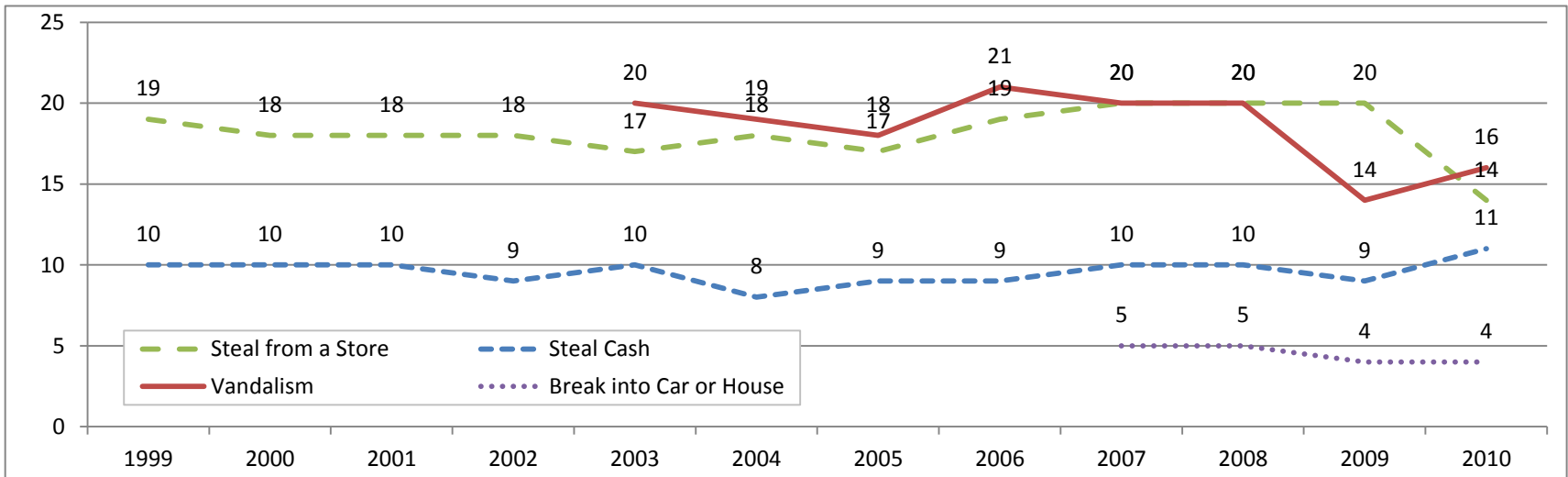
TRENDS IN DELAWARE STUDENTS' DELINQUENCY

Past Year Reports of Property Crimes

8th Grade



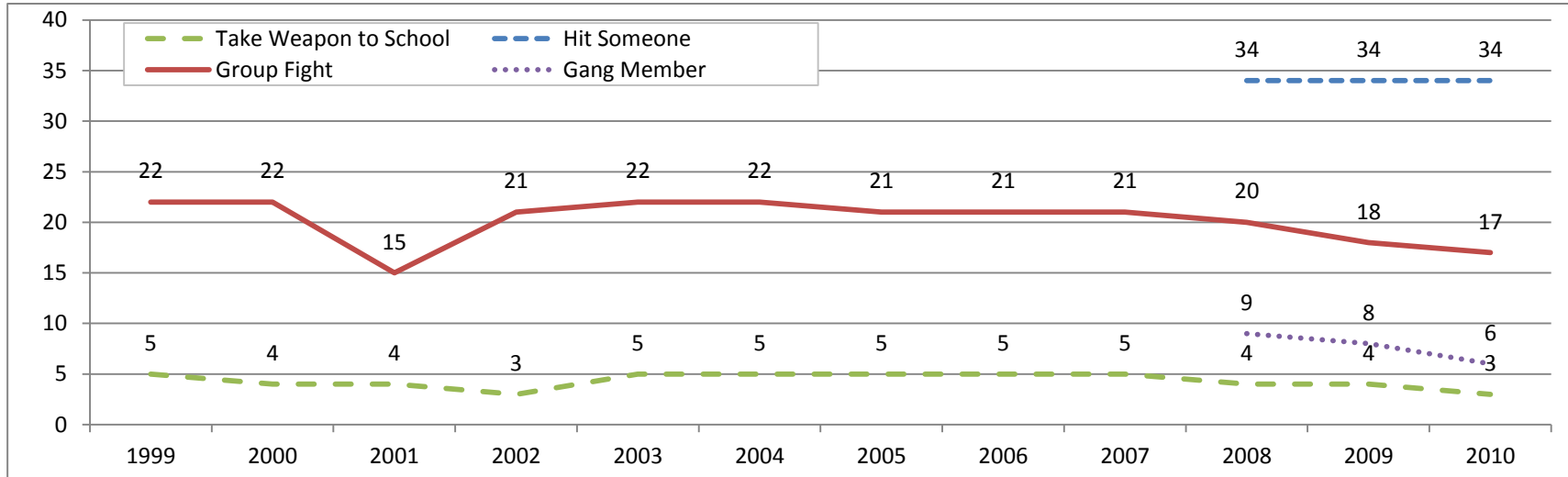
11th Grade



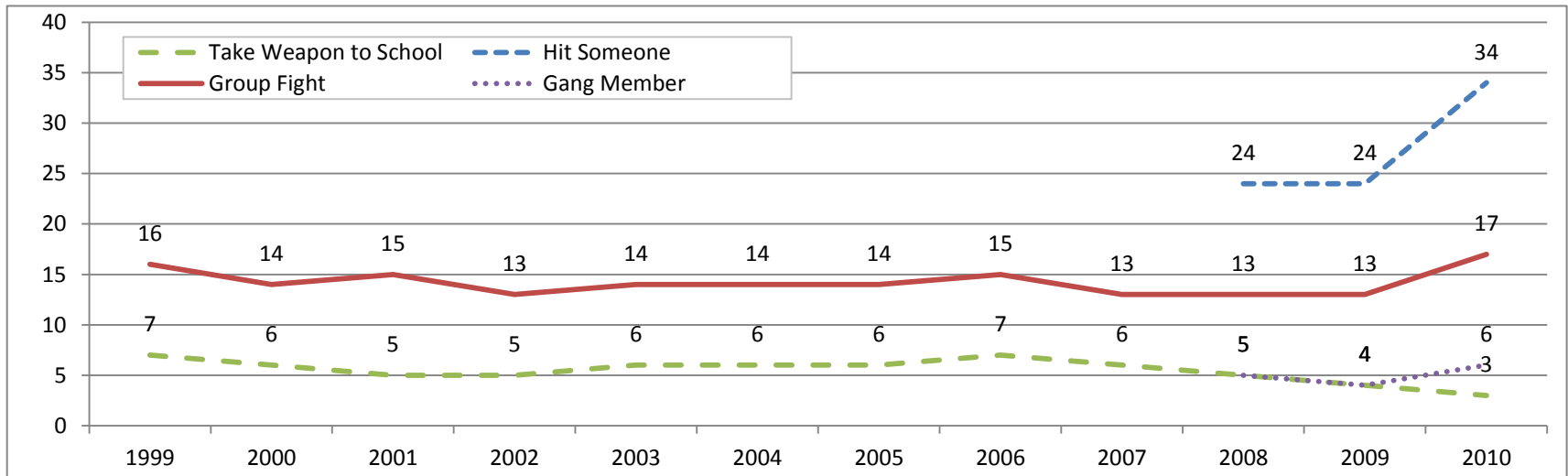
Note: Displayed percentiles are rounded to the nearest whole number.

TRENDS IN DELAWARE STUDENTS' DELINQUENCY Past Year Reports of Violence

8th Grade



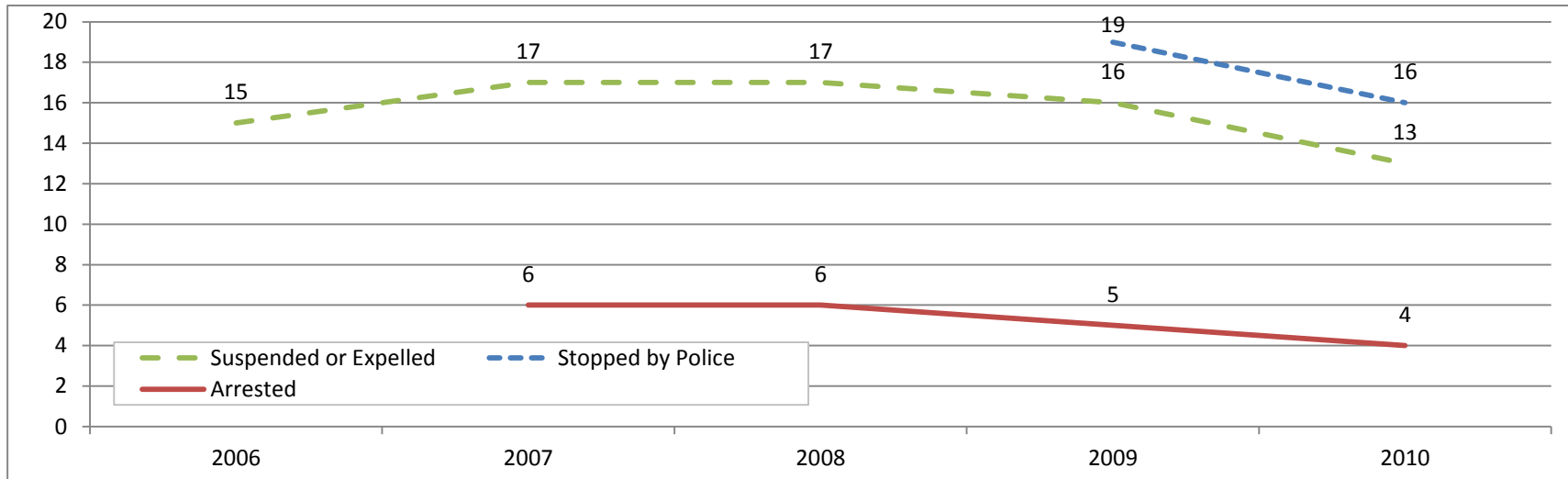
11th Grade



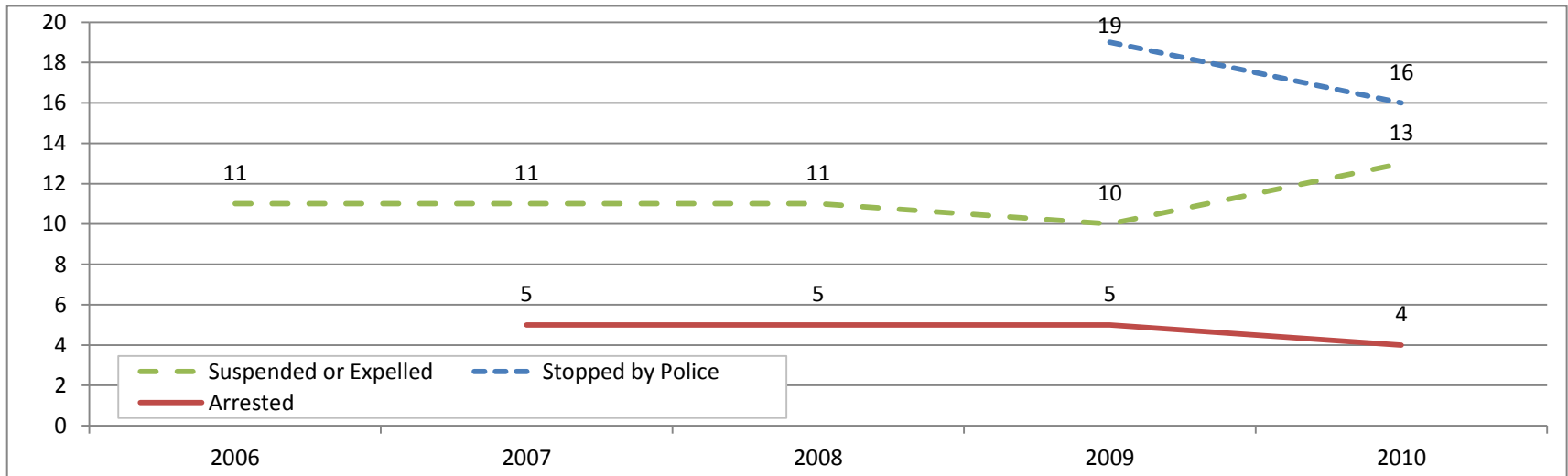
Note: Displayed percentiles are rounded to the nearest whole number.

TRENDS IN DELAWARE STUDENTS' DELINQUENCY Past Year Reports of Consequences

8th Grade



11th Grade

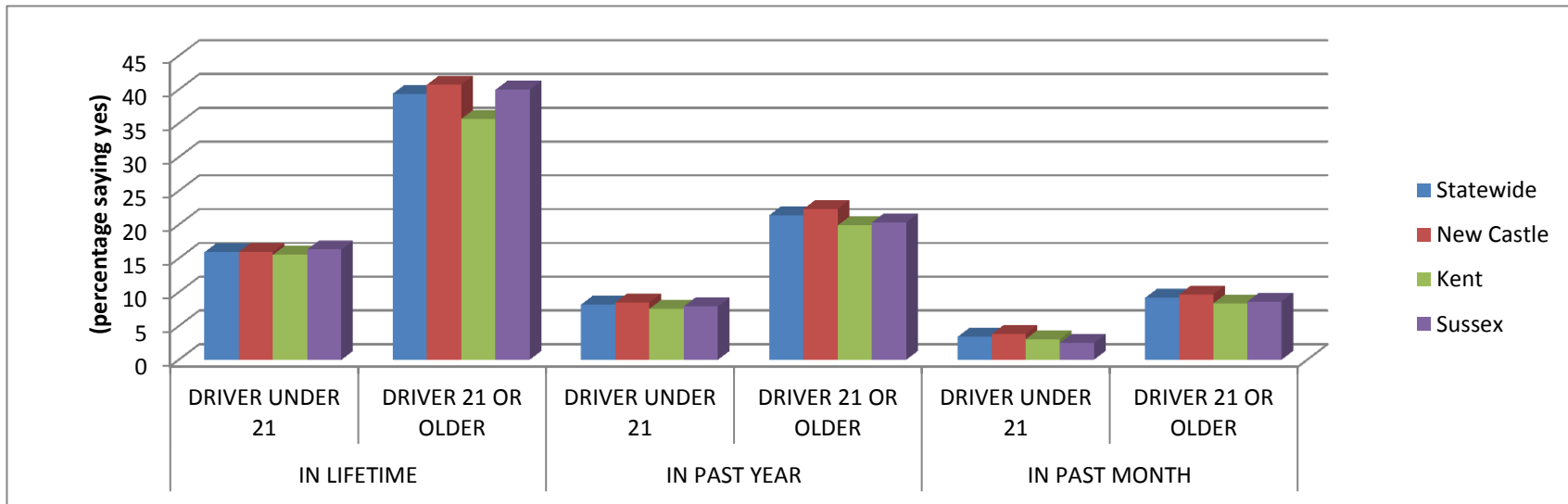


Note: Displayed percentiles are rounded to the nearest whole number.

DELAWARE EIGHTH GRADERS' REPORTS OF RIDING IN A CAR WITH A DRINKING DRIVER

(in percentages)

| | IN LIFETIME | | IN PAST YEAR | | IN PAST MONTH | |
|-------------------|-----------------|--------------------|-----------------|--------------------|-----------------|--------------------|
| | DRIVER UNDER 21 | DRIVER 21 OR OLDER | DRIVER UNDER 21 | DRIVER 21 OR OLDER | DRIVER UNDER 21 | DRIVER 21 OR OLDER |
| Statewide | 16 | 39 | 8 | 21 | 3 | 9 |
| Males | 15 | 36 | 7 | 19 | 3 | 8 |
| Females | 17 | 42 | 9 | 23 | 4 | 10 |
| New Castle | 16 | 41 | 8 | 22 | 4 | 10 |
| Males | 14 | 36 | 7 | 19 | 4 | 8 |
| Females | 18 | 45 | 10 | 26 | 4 | 11 |
| Kent | 16 | 36 | 8 | 20 | 3 | 8 |
| Males | 15 | 34 | 7 | 18 | 3 | 8 |
| Females | 16 | 38 | 8 | 21 | 3 | 8 |
| Sussex | 16 | 40 | 8 | 20 | 2 | 9 |
| Males | 17 | 40 | 9 | 21 | 3 | 8 |
| Females | 15 | 40 | 7 | 20 | 2 | 9 |

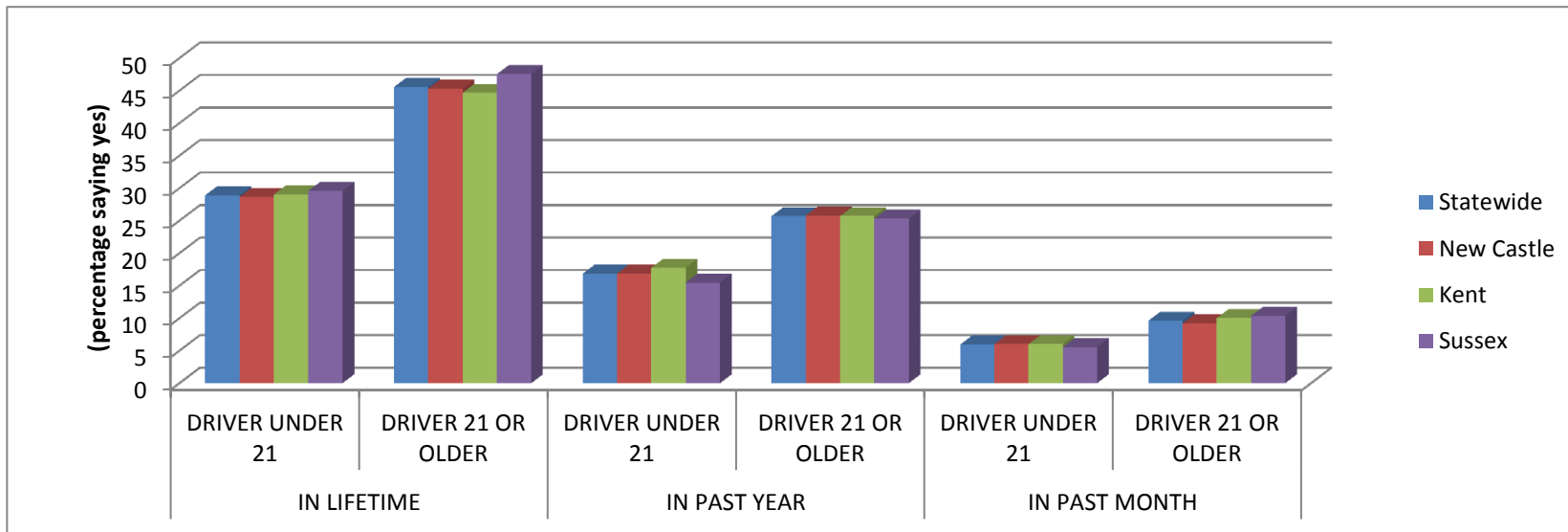


Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

DELAWARE ELEVENTH GRADERS' REPORTS OF RIDING IN A CAR WITH A DRINKING DRIVER

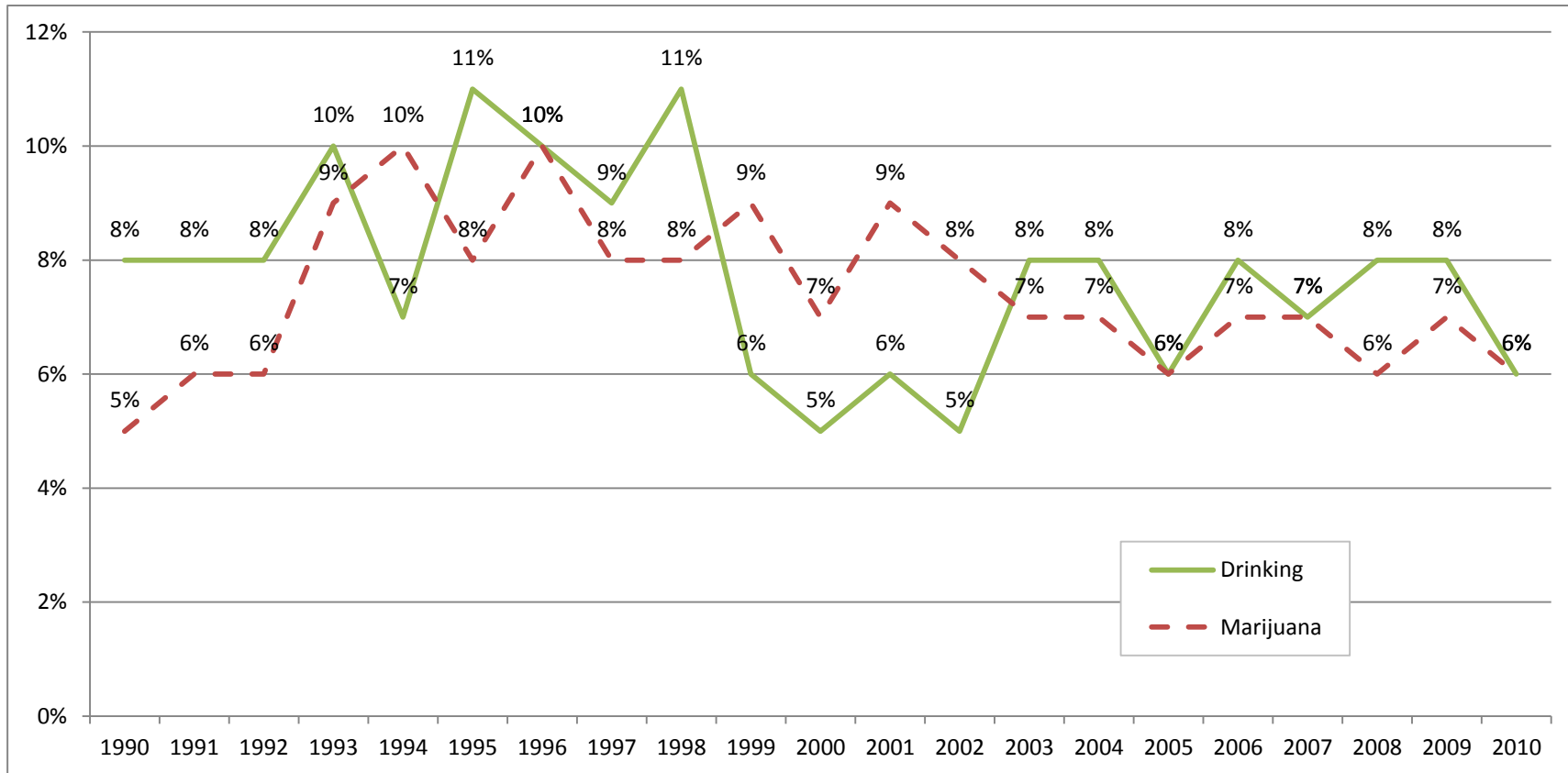
(in percentages)

| | IN LIFETIME | | IN PAST YEAR | | IN PAST MONTH | |
|-------------------|--------------------|-----------------------|--------------------|-----------------------|--------------------|-----------------------|
| | DRIVER UNDER 21 | DRIVER 21 OR OLDER | DRIVER UNDER 21 | DRIVER 21 OR OLDER | DRIVER UNDER 21 | DRIVER 21 OR OLDER |
| Statewide | 29 | 46 | 17 | 26 | 6 | 10 |
| Males | 28 | 44 | 17 | 24 | 7 | 9 |
| Females | 30 | 47 | 17 | 27 | 5 | 9 |
| New Castle | 29 | 45 | 17 | 26 | 6 | 9 |
| Males | 28 | 43 | 17 | 24 | 7 | 9 |
| Females | 29 | 47 | 17 | 27 | 5 | 9 |
| Kent | 29 | 45 | 18 | 26 | 6 | 10 |
| Males | 26 | 41 | 17 | 23 | 6 | 10 |
| Females | 32 | 48 | 19 | 28 | 6 | 10 |
| Sussex | 30 | 48 | 15 | 25 | 6 | 10 |
| Males | 29 | 50 | 16 | 26 | 6 | 11 |
| Females | 30 | 45 | 15 | 24 | 5 | 9 |



Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

TRENDS IN DELAWARE ELEVENTH GRADERS' REPORT OF DRINKING AND DRIVING AND REPORT OF SMOKING MARIJUANA AND DRIVING, 1990-Present

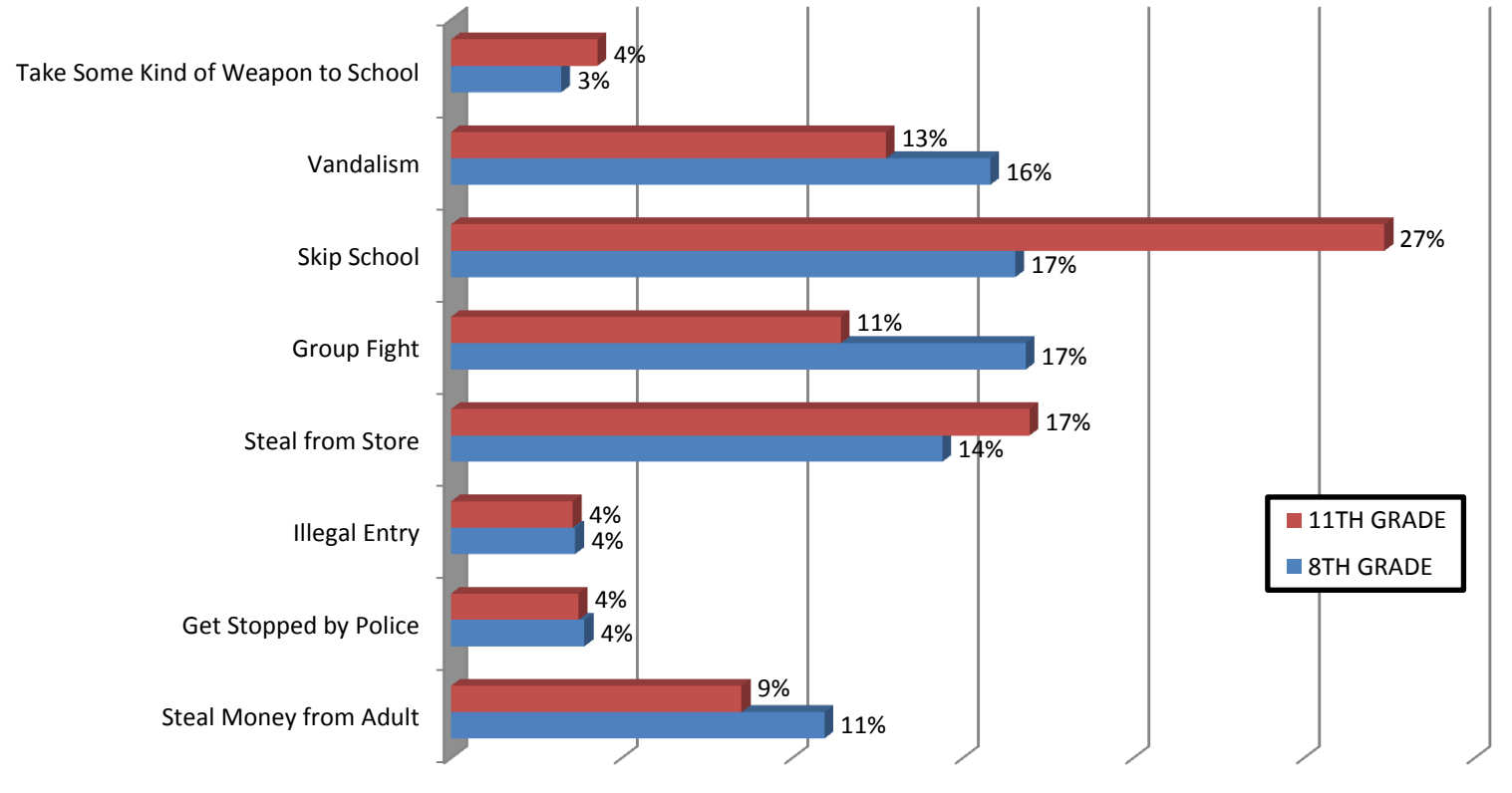


Past month reports of drinking/smoking and driving.

Source: Data Base/DiagnosticsPlus (1990-1993); Department of Public Instruction (1994); Delaware School Survey, Center for Drug and Alcohol Studies, University of Delaware (1995-Present).

Note: Displayed percentiles are rounded to the nearest whole number.

PAST YEAR DELINQUENT BEHAVIOR REPORTED BY DELAWARE EIGHTH AND ELEVENTH GRADERS



Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

VII. Parental Involvement and Students' Substance Use

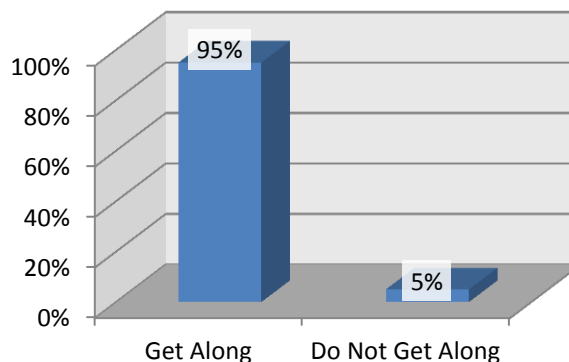
Get Along with Parents, Argue with Parents,
Talk to Parents, Parents Volunteer at School,
and Students' Drug Use

Household Members' Smoking and Students'
Drug Use

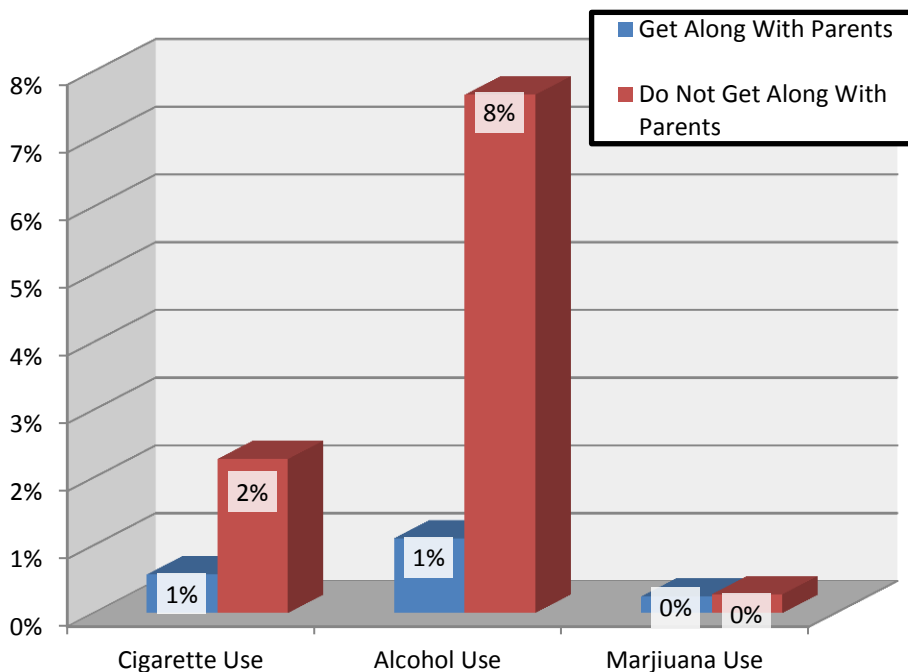
Past Month Substance Abuse Among Delaware Fifth Graders by Getting Along With Parents

The table on the right shows that most Delaware Fifth graders report getting along with their parents. The table below shows that those who report getting along with their parents use substances less than those who report not getting along with their parents. The differences are significant ($p < .01$) for all substance abuse measures.

Percent of Delaware Fifth Graders Who Get Along Well With Parents



Past Month Substance Abuse Among Delaware Fifth Graders Reporting Getting Along Well With Parents

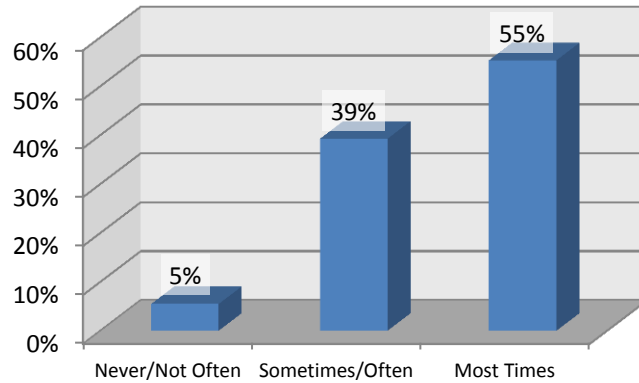


Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

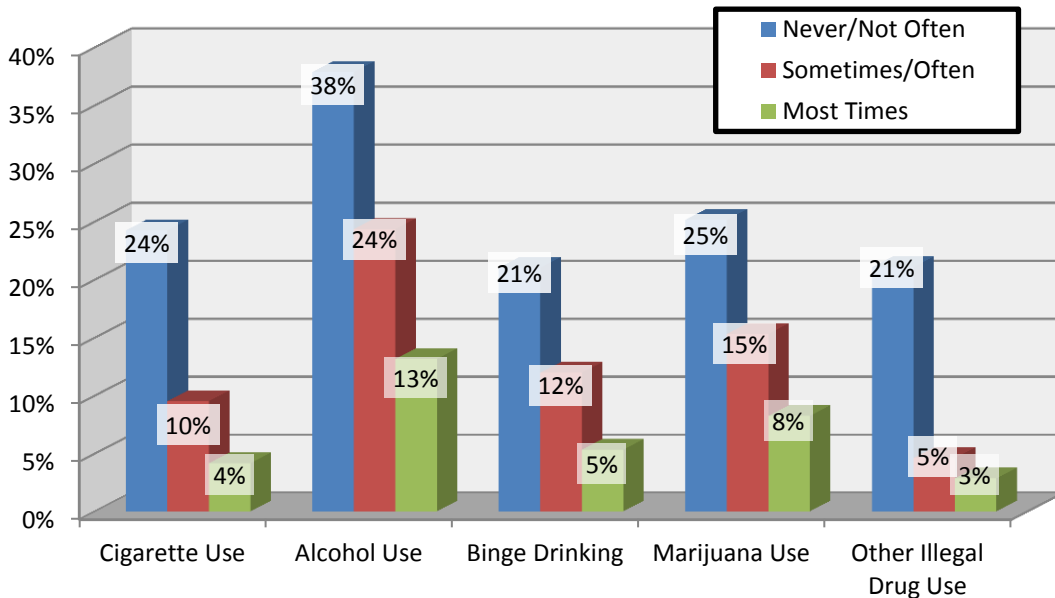
Past Month Substance Abuse Among Delaware Eighth Graders by Getting Along With Parents

The table on the right shows how often Delaware eighth graders report getting along well with parents. As shown in the table below, the more eighth graders report getting along well with parents, the less likely they are to use substances. The differences are significant ($p < .01$) for all substance use measures.

How Often Delaware Eighth Graders Get Along Well With Parents



Past Month Substance Abuse Among Delaware Eighth Graders by Getting Along Well With Parents



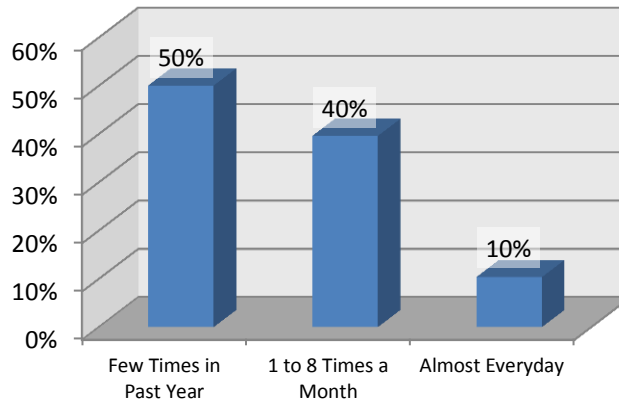
"Binge use" is defined as three or more drinks at a time in the last two weeks.

Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

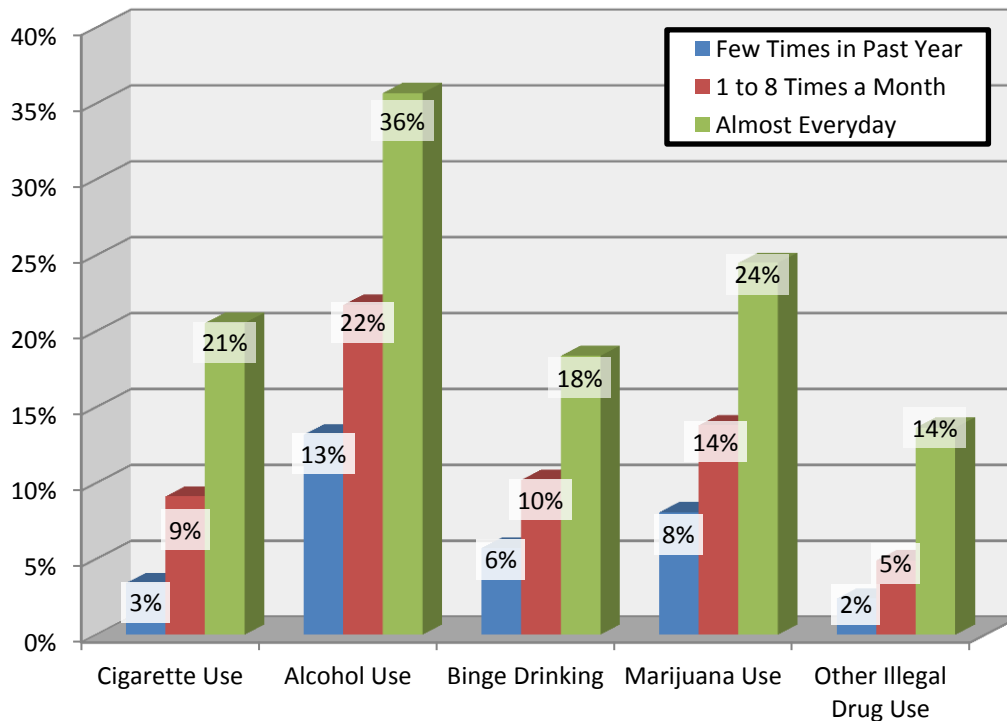
Past Month Substance Abuse Among Delaware Eighth Graders by Fighting/Arguing With Parents

The table on the right shows how often Delaware eighth graders report arguing or fighting with parents. The table below shows that those Eighth graders who argue with parents the least are less likely to report past month substance use. The differences are statistically significant ($p < .01$) for all substance use measures.

How Often Delaware Eighth Graders Argue or Fight With Parents



Past Month Substance Abuse Among Delaware Eighth Graders by Arguing or Fighting With Parents



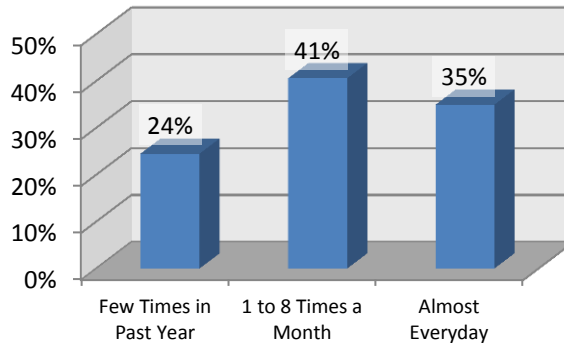
"Binge use" is defined as three or more drinks at a time in the last two weeks.

Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

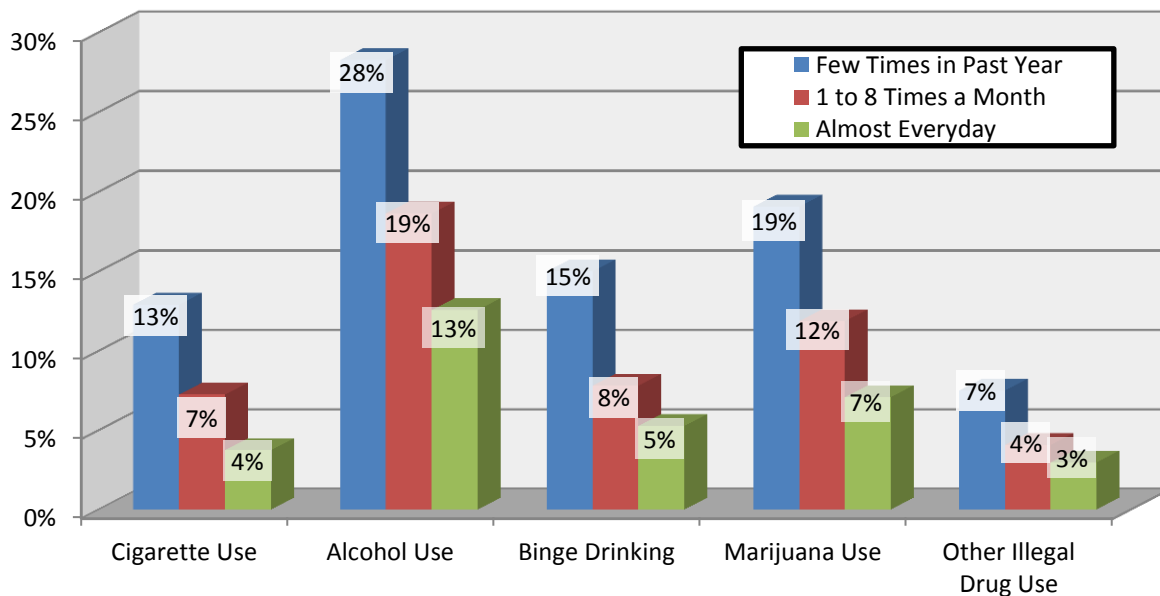
Past Month Substance Abuse Among Delaware Eighth Graders by Talking With Parents About School

The table on the right shows how often Delaware eighth graders report talking with their parents about school. The table below shows that those who report talking with parents about school the most use substances the least. The differences are statistically significant for all substance abuse measures ($p < .01$).

How Often Delaware Eighth Graders Talk With Parents About School



Past Month Substance Abuse Among Delaware Eighth Graders by Talking With Parent About School

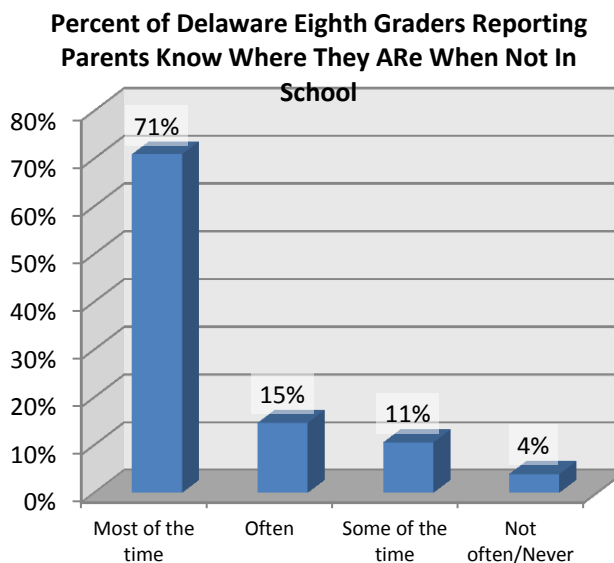


"Binge use" is defined as three or more drinks at a time in the last two weeks.

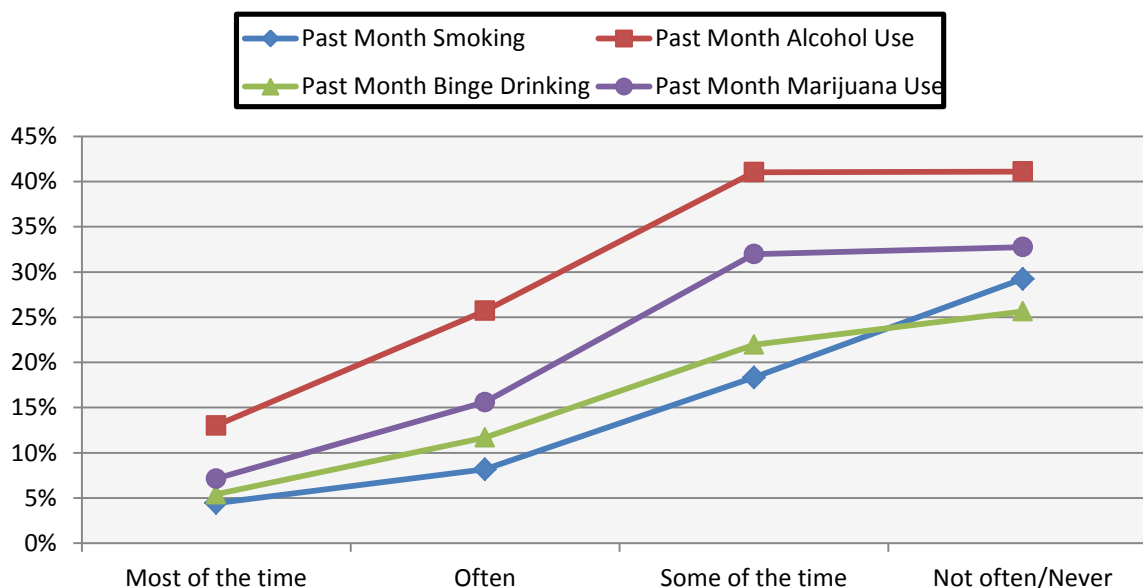
Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

Past Month Substance Abuse Among Delaware Eighth Graders Reporting Parents Know Where They Are When Not In School

The table on the right shows that two-thirds of Delaware eighth graders report that their parents know where they are most of the time or often when they are not in school. The table below reveals an increase in reports of past month substance use as students report less parental supervision. The steady increase in substance use is statistically significant ($p < .001$) for each substance abuse measure.



Past Month Substance Abuse Among Delaware Eighth Graders Reporting Parents Know Where They Are When They Are Not In School



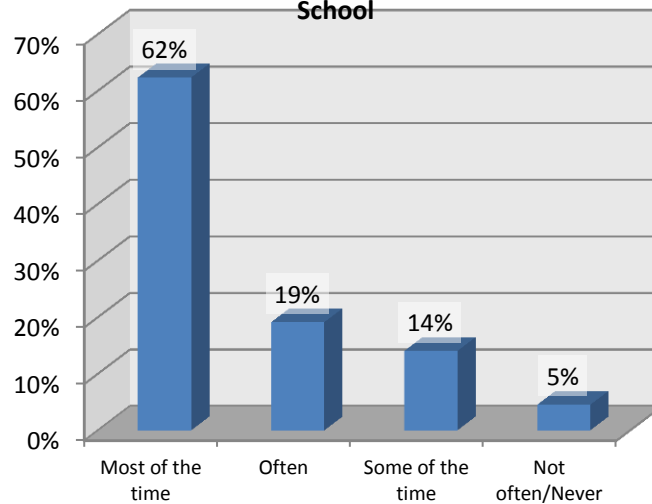
"Binge use" is defined as three or more drinks at a time in the last two weeks.

Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

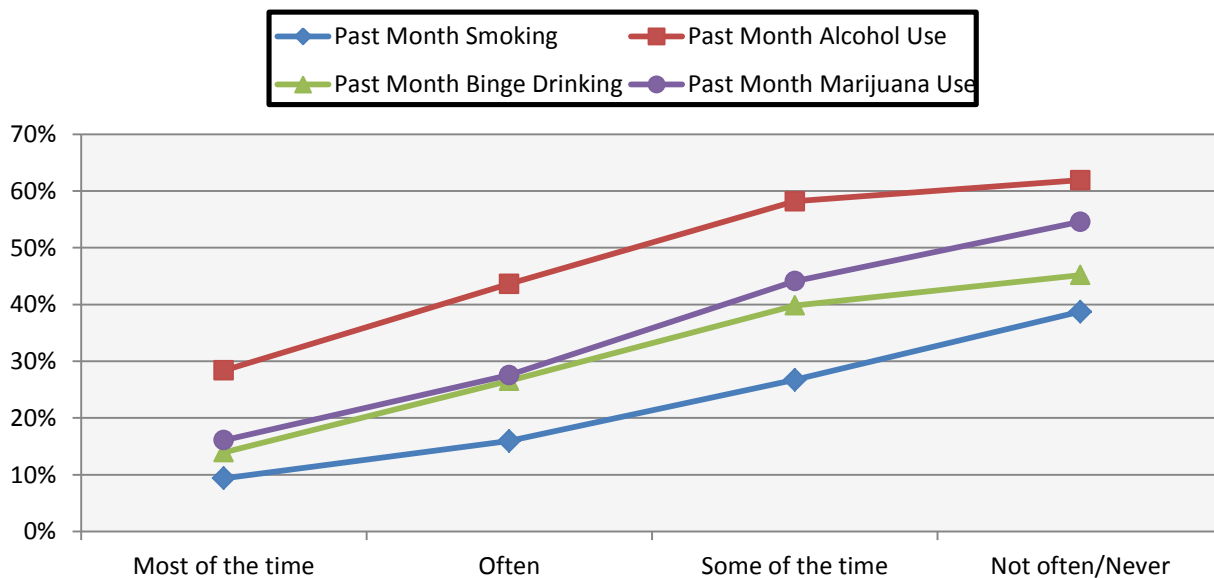
Past Month Substance Abuse Among Delaware Eleventh Graders Reporting Parents Know Where They Are When Not In School

The table on the right shows that about six out of ten Delaware eleventh graders report that their parents know where they are most of the time or often when they are not in school. The table below reveals the increase in reports of past month substance use as students report less parental supervision. The steady increase in substance use is statistically significant ($p < .001$) for each substance abuse measure.

Percent of Delaware Eleventh Graders Reporting Parents Know Where They ARE When Not In School



Past Month Substance Abuse Among Delaware Eleventh Graders Reporting Parents Know Where They Are When They Are Not In School



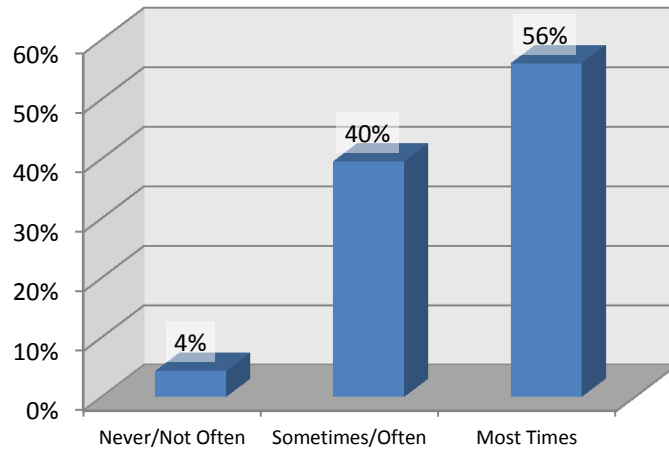
"Binge use" is defined as three or more drinks at a time in the last two weeks.

Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

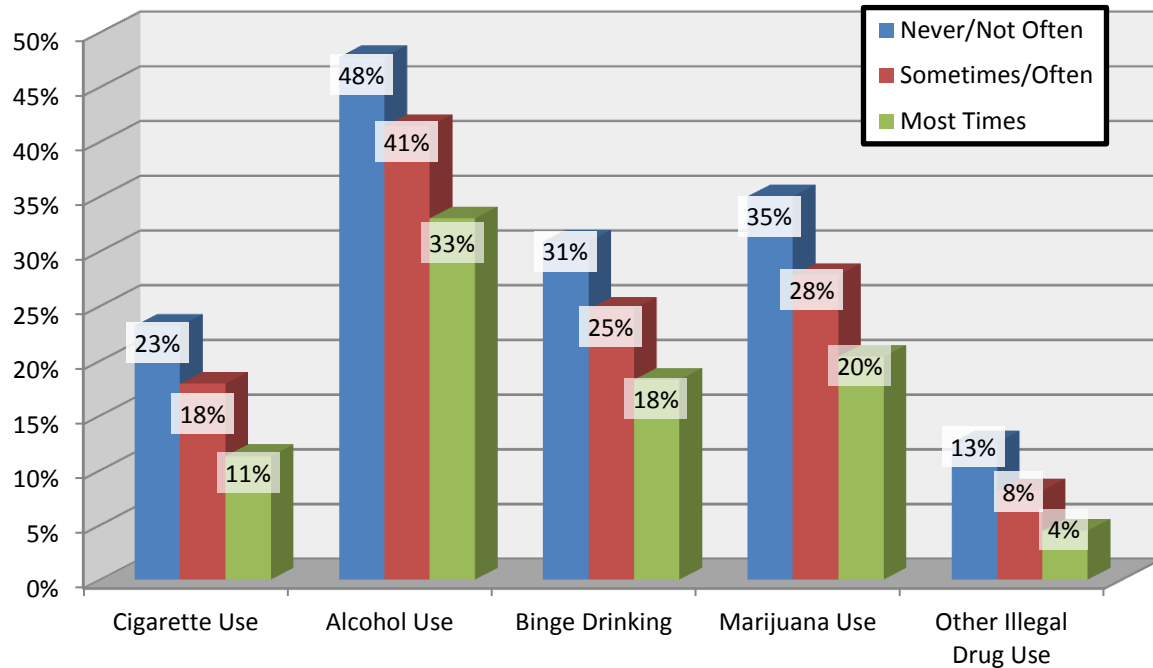
Past Month Substance Abuse Among Delaware Eleventh Graders by Getting Along With Parents

How Often Delaware Eleventh Graders Get Along Well With Parents

The table on the right shows how often Delaware eleventh graders report getting along well with parents. The table below shows that the more eleventh graders report getting along well with parents, the less likely they are to use substances. The differences are significant ($p < .01$) for all substance use measures.



Past Month Substance Abuse Among Delaware Eleventh Graders by Getting Along Well With Parents



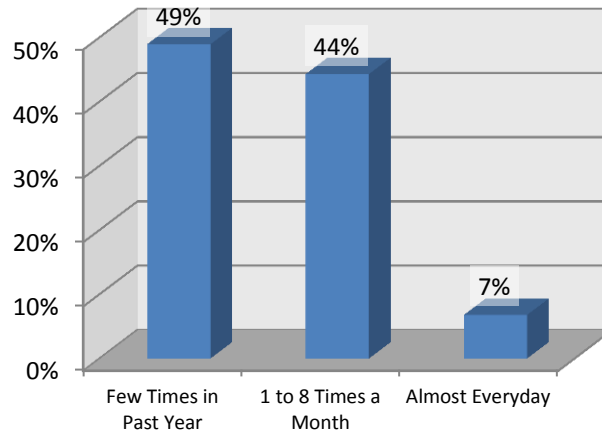
"Binge use" is defined as three or more drinks at a time in the last two weeks.

Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

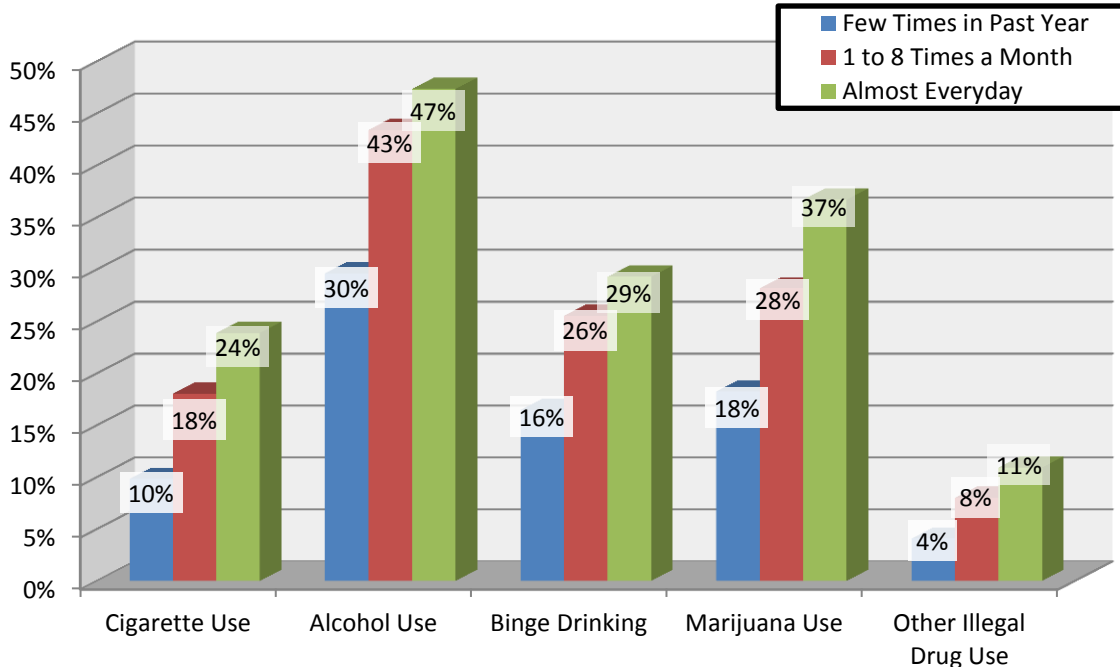
Past Month Substance Abuse Among Delaware Eighth Graders by Fighting/Arguing With Parents

The table on the right shows how often Delaware eleventh graders report arguing or fighting with parents. The table below shows that those who argue with parents the least are less likely to report past month substance use. The differences are statistically significant ($p < .01$) for all substance use measures.

How Often Delaware Eighth Graders Argue or Fight With Parents



Past Month Substance Abuse Among Delaware Eighth Graders by Arguing or Fighting With Parents

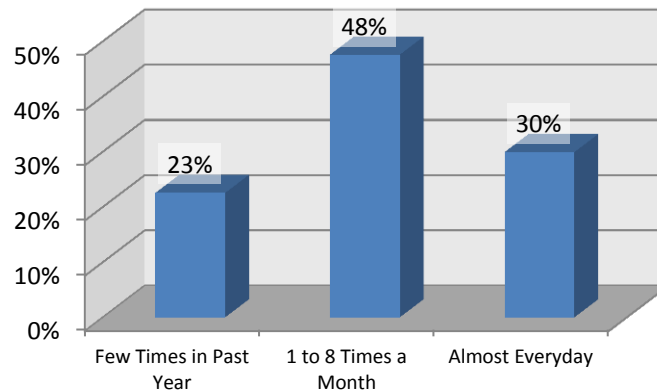


Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

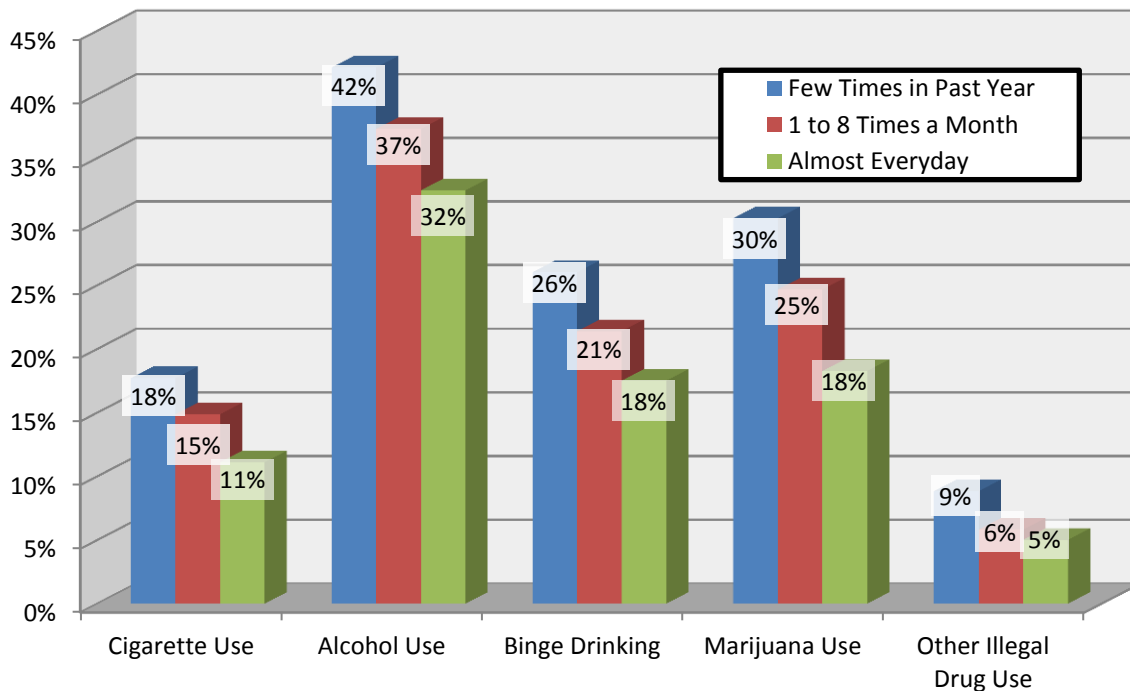
Past Month Substance Abuse Among Delaware Eleventh Graders by Talking With Parents About School

The table on the right shows how often Delaware eleventh graders report talking with their parents about school. The table below shows that those who report talking with parents about school the most use substances the least. The differences are statistically significant for all substance abuse measures ($p < .01$).

How Often Delaware Eleventh Graders Talk With Parents About School



Past Month Substance Abuse Among Delaware Eleventh Graders by Talking With Parent About School



"Binge use" is defined as three or more drinks at a time in the last two weeks.

Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

VIII. How Do the Data for Delaware
Compare With What is Happening
Regionally and Nationally?

**COMPARISON OF RECENT NATIONAL AND DELAWARE ESTIMATES
OF CIGARETTES, ALCOHOL, AND MARIJUANA AMONG MIDDLE SCHOOL STUDENTS
(Percentages)**

| | <u>CIGARETTES</u> | | <u>ALCOHOL</u> | | <u>MARIJUANA</u> | |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | <u>Past Year*</u> | <u>Past Month</u> | <u>Past Year*</u> | <u>Past Month</u> | <u>Past Year*</u> | <u>Past Month</u> |
| 2010 8 th Grade Delaware | 13 | 7 | 38 | 19 | 19 | 12 |
| 2010 8 th Grade MTF | * | 7 | 29 | 14 | 14 | 8 |
| 2009 8 th Grade Delaware | 12 | 8 | 40 | 22 | 18 | 11 |

Note: * Indicates that no estimate is available.

Source: 2010 Monitoring the Future Study (MTF), University of Michigan;
2009- 2010 Delaware School Survey, Center for Drug and Alcohol Studies, University of Delaware.

Note: Displayed percentiles are rounded to the nearest whole number.

**COMPARISON OF RECENT NATIONAL AND DELAWARE ESTIMATES
OF CIGARETTES, ALCOHOL, AND MARIJUANA AMONG HIGH SCHOOL STUDENTS
(Percentages)**

| | <u>CIGARETTES</u> | | <u>ALCOHOL</u> | | <u>MARIJUANA</u> | |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | <u>Past Year*</u> | <u>Past Month</u> | <u>Past Year*</u> | <u>Past Month</u> | <u>Past Year*</u> | <u>Past Month</u> |
| 2010 11 th Grade Delaware | 22 | 14 | 63 | 37 | 38 | 24 |
| 2010 12 th Grade MTF | * | 19 | 65 | 41 | 35 | 21 |
| 2009 11 th Grade Delaware | 20 | 15 | 66 | 39 | 37 | 23 |
| 2009 9 th -12 th Grade YRBS-Delaware | * | 20 | * | 42 | * | 21 |

Note: *Indicates that no estimate is available.

Source: 2010 Monitoring the Future Study (MTF), University of Michigan; 2009 Youth Risk Behavior Surveillance Survey (YRBS), Centers for Disease Control; 2009- 2010 Delaware Students Survey, Center for Drug and Alcohol Studies, University of Delaware.

Note: Displayed percentiles are rounded to the nearest whole number.