

**Alcohol, Tobacco
& Other Drug Abuse
Among Delaware Students
2009**

**FINAL REPORT
To:**

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

October, 2009

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

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

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This Study was supported by Delaware Health and Social Services, Division of Substance Abuse and Mental Health, through the Substance Abuse Prevention and Treatment Block Grant from the Substance Abuse and Mental Health Services Administration (SAMHSA), U.S. Department of Health and Human Services. The Study also received substantial and critical support from the Delaware Legislature through the Delaware Health Fund. We wish to thank the members of the Delaware Health Fund Advisory Committee for their assistance. We also want to thank the Delaware Department of Education and the Delaware Drug Free School Coordinators in each school district for their help in conducting the study. The cooperation of all of the participating schools, teachers, and students is greatly appreciated and gratefully acknowledged. We would also like to thank Deborah Flad, webmaster for DSCYF, for her expert help in making the electronic versions of these reports available.

SAMPLE DESCRIPTION -- DELAWARE SCHOOL SURVEY

	FIFTH GRADE (N= 8006)	EIGHTH GRADE (N= 6030)	ELEVENTH GRADE (N= 5414)
GENDER (%)			
Males	51	50	47
Females	49	50	53
ETHNICITY (%)			
White Non-Hispanic	42	47	53
Black Non-Hispanic	27	27	27
Hispanic/Latino	15	15	10
Other	16	11	9
COUNTY (Ns)			
New Castle	4754	3889	3330
Kent	1915	1054	1205
Sussex	1337	1087	879

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.

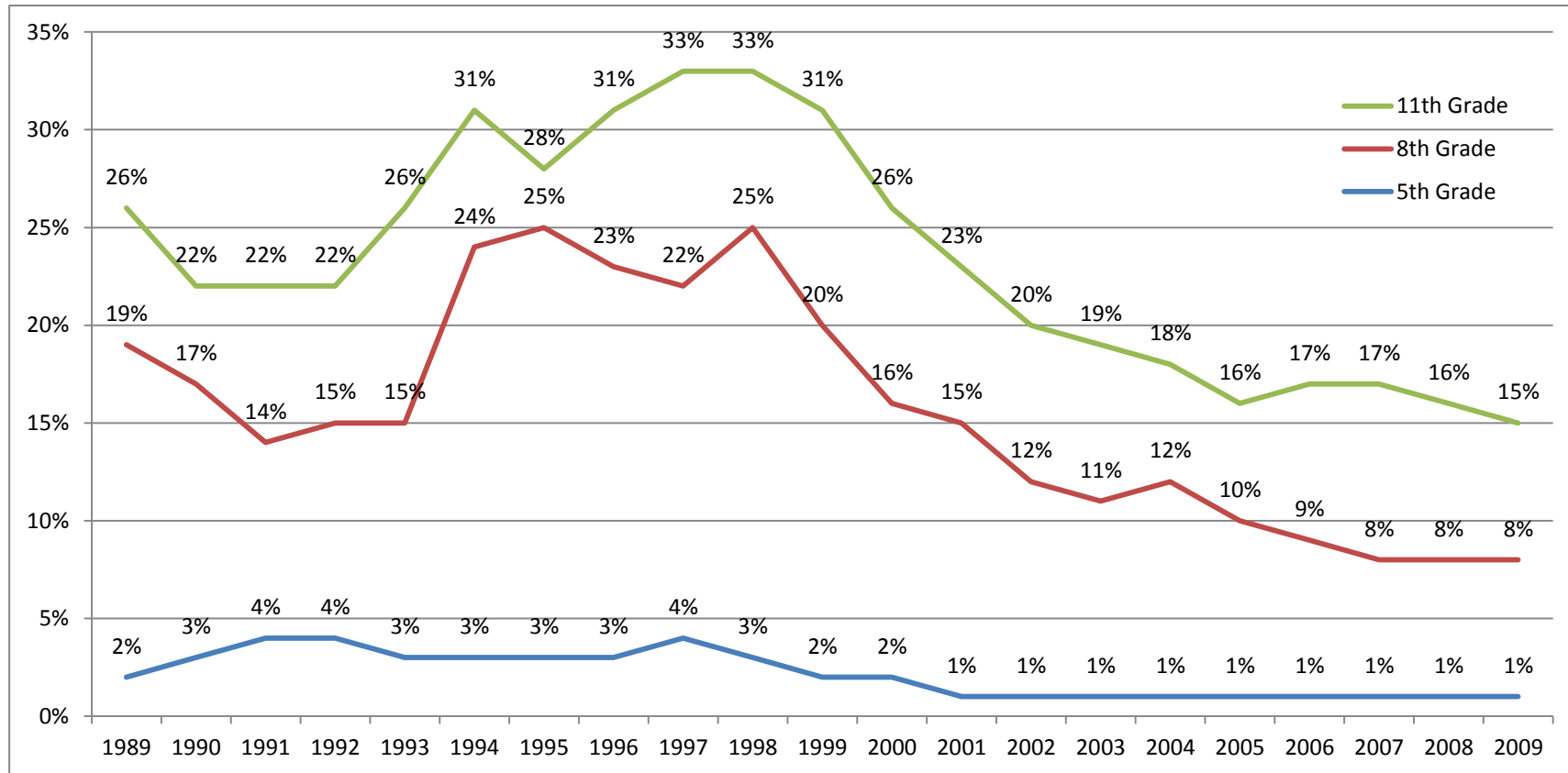
II. Trends in Monthly or Regular Drug Use in Delaware, 1989-Present

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

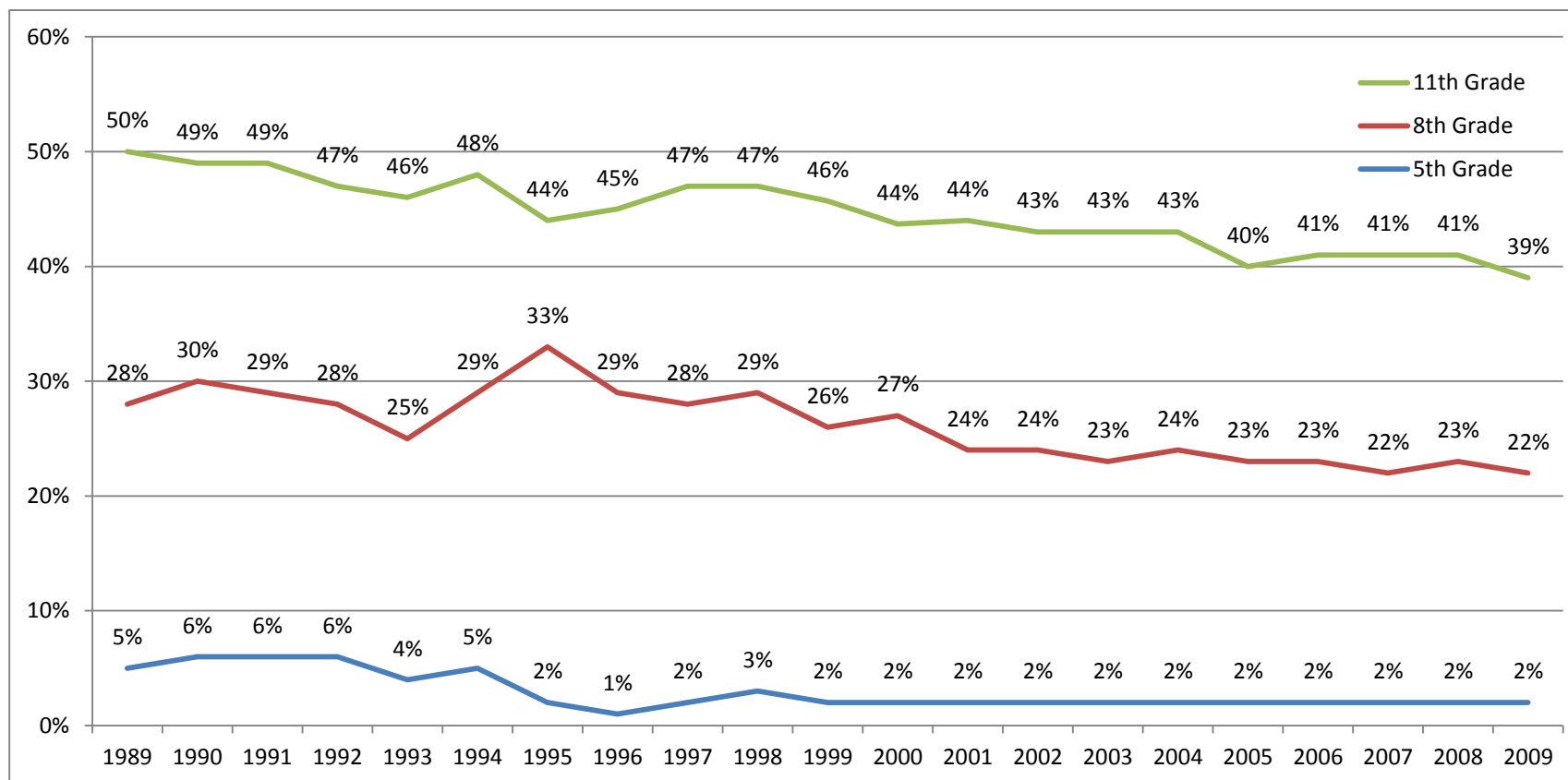
TRENDS IN DELAWARE STUDENTS' CIGARETTE USE BY GRADE SELF-REPORTED REGULAR USE, 1989 - Present



Regular use is defined as reports of about once a month or more often; see note, page 20.

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).

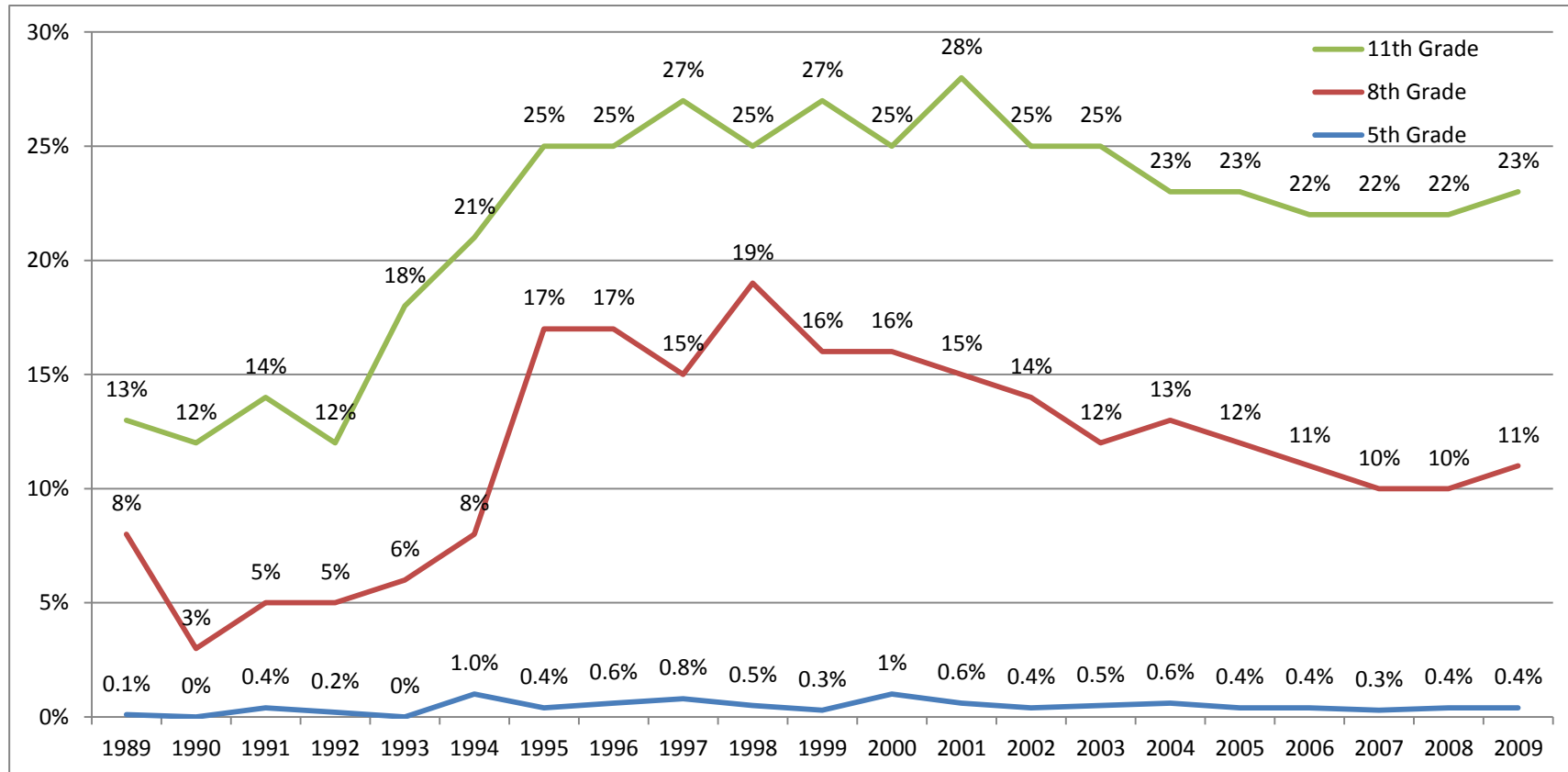
TRENDS IN DELAWARE STUDENTS' ALCOHOL USE BY GRADE SELF-REPORTED REGULAR USE, 1989 - Present



Regular use is defined as reports of about once a month or more often; see note, page 20.

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).

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



Regular use is defined as reports of about once a month or more often; see note, page 20.

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).

**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
Inhalants ^d	2	2	2	1	2	2	9	6	9	8	5	6	5	5	6	6	2	2	2	2	1
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 ^{ac}	na	na	na	na	na	na	na	na	na	na	na	na	2	1	1	1	1	1	1	1	1
Painkillers ^{ac}	na	na	na	na	na	na	na	na	na	na	na	na	na	3	2	3	2	3	2	2	2

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.

^cRitalin question added 2001. Painkillers question added 2002.

^dInhalant question altered in 2005 and 2006.

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).

**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
Inhalants ^d	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 ^{ac}	na	na	na	na	na	na	na	na	na	na	na	na	2	2	3	2	2	2	2	2	2
Painkillers ^{ac}	na	na	na	na	na	na	na	na	na	na	na	na	na	4	4	4	4	4	4	4	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.

^cRitalin question added 2001. Painkillers question added 2002.

^dInhalant question altered in 2005 and 2006.

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).

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 - 2009 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 (in 2009 "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 1995-2009 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.

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

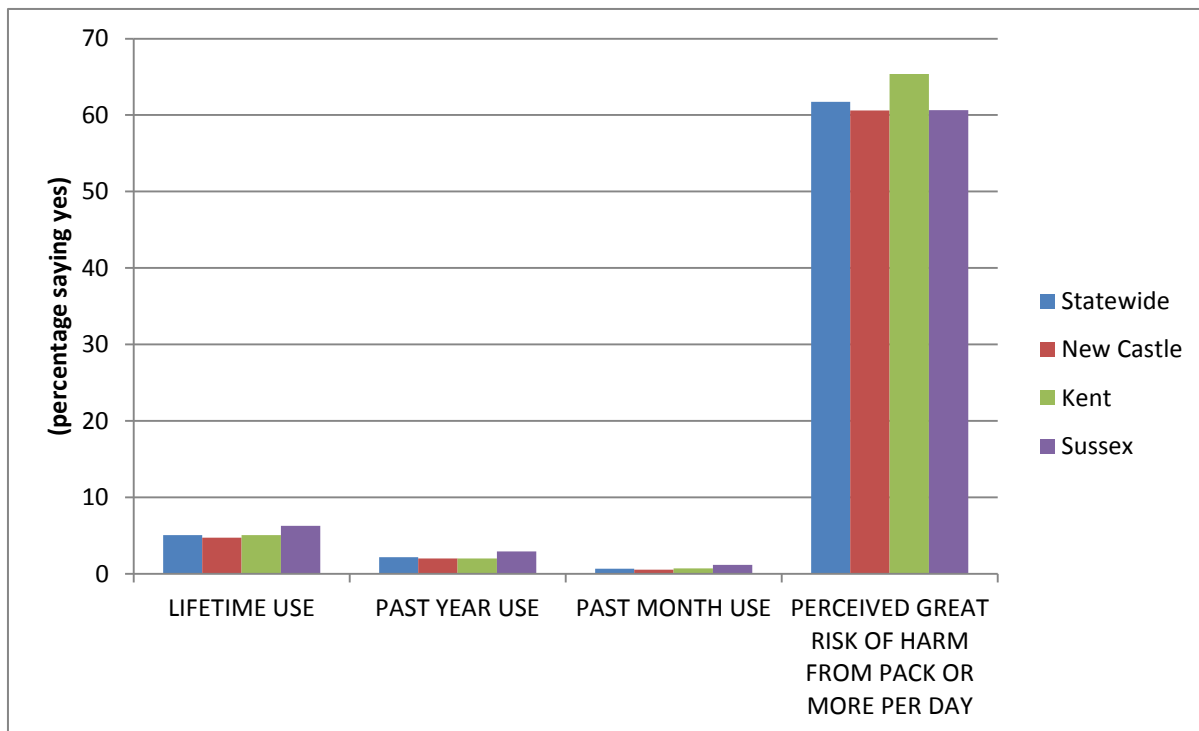
Estimates by Gender and County of Lifetime, Past Year, Past Month, and Recent Heavy Use of Tobacco, Alcohol, Inhalants, and Marijuana and Estimates of Perceived Harmfulness of Each Substance

Estimates by Gender and County of Use of Other Illegal Drugs

Relationship of Past Month Cigarette Use with Past Month Use of Other Drugs

CIGARETTE USE AMONG DELAWARE FIFTH GRADERS

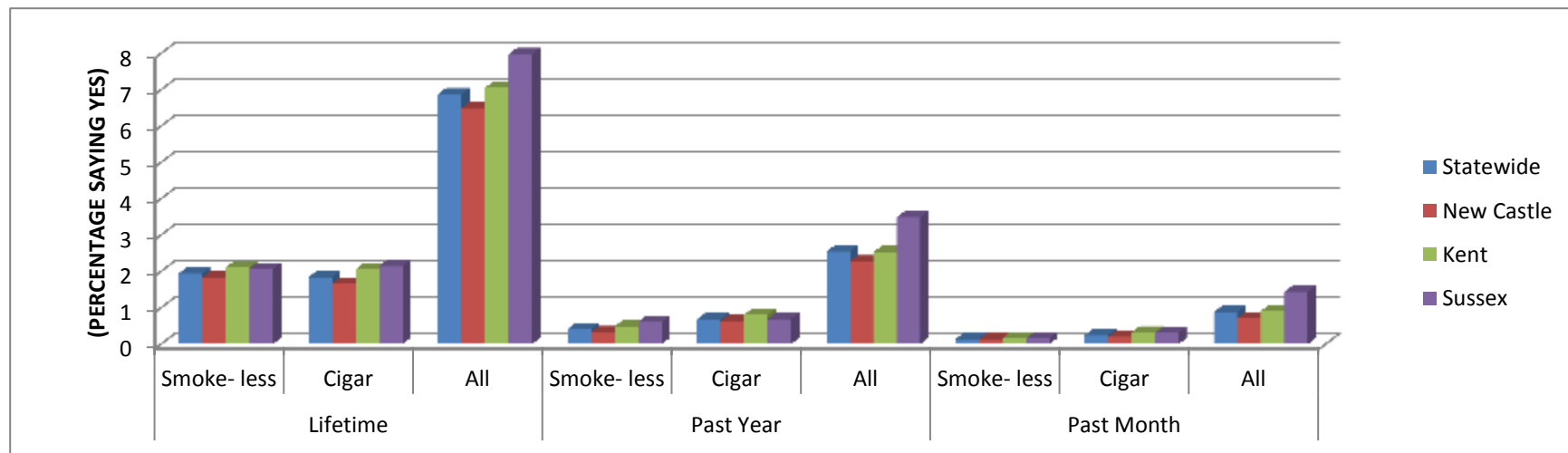
	LIFETIME USE	PAST YEAR USE	PAST MONTH USE	PERCEIVED GREAT RISK OF HARM FROM PACK OR MORE PER DAY
<u>Statewide</u>	5	2	1	62
<u>Males</u>	6	3	1	60
<u>Females</u>	4	2	1	63
<u>New Castle</u>	5	2	1	61
<u>Males</u>	5	2	1	59
<u>Females</u>	4	2	0	62
<u>Kent</u>	5	2	1	65
<u>Males</u>	6	2	1	65
<u>Females</u>	5	2	1	66
<u>Sussex</u>	6	3	1	61
<u>Males</u>	9	4	1	58
<u>Females</u>	4	2	1	63



Note: Displayed percents are rounded to the nearest whole number. Bar charts may differ due to rounding error.
 2009 Delaware School Survey, Center for Drug and Alcohol Studies, University of Delaware.

OTHER TOBACCO USE AMONG DELAWARE FIFTH GRADERS

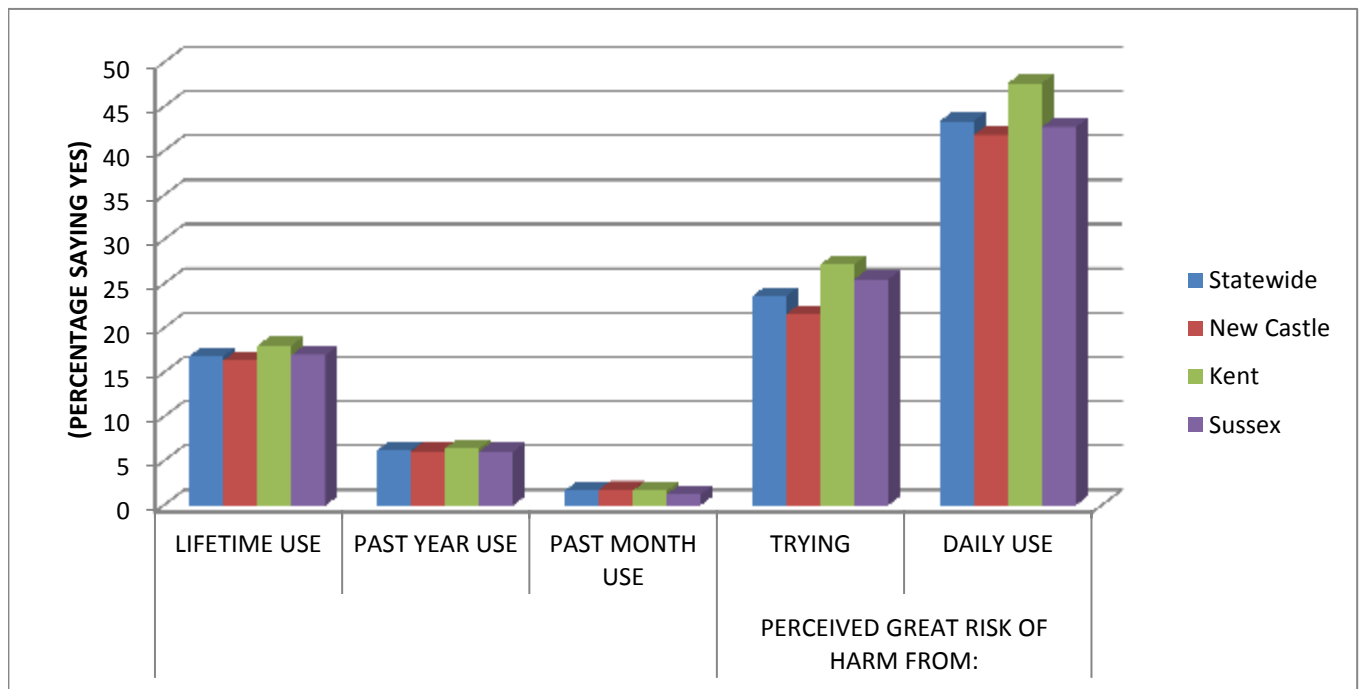
	Lifetime			Past Year			Past Month		
	Smoke- less	Cigar	All	Smoke- less	Cigar	All	Smoke- less	Cigar	All
Statewide	2	2	7	0	1	3	0	0	1
Males	3	2	8	1	1	3	0	0	1
Females	1	1	5	0	0	2	0	0	1
New Castle	2	2	6	0	1	2	0	0	1
Males	2	2	8	0	1	3	0	0	1
Females	1	1	5	0	0	2	0	0	1
Kent	2	2	7	0	1	3	0	0	1
Males	3	3	8	1	1	3	0	1	1
Females	2	1	6	0	0	2	0	0	1
Sussex	2	2	8	1	1	3	0	0	1
Males	3	3	11	1	1	5	0	0	2
Females	1	1	5	0	0	2	0	0	1



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

ALCOHOL USE AMONG DELAWARE FIFTH GRADERS

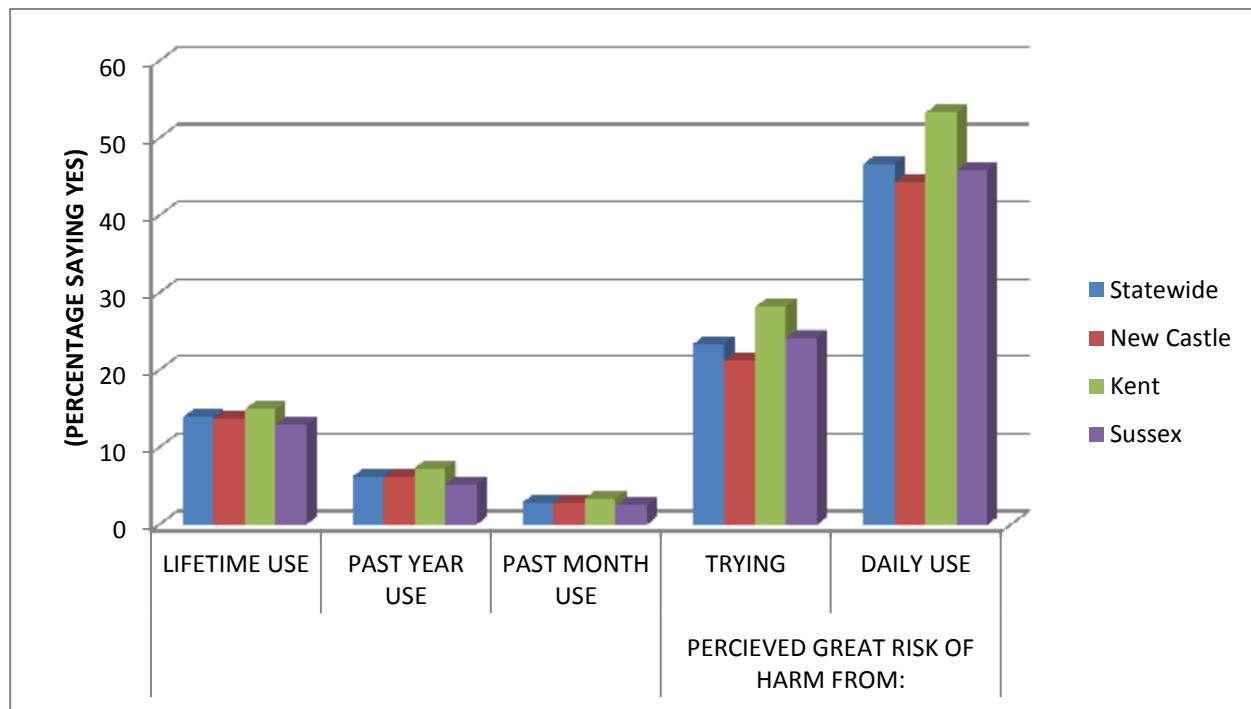
	LIFETIME USE	PAST YEAR USE	PAST MONTH USE	PERCEIVED GREAT RISK OF HARM FROM:	
				TRYING	DAILY USE
<u>Statewide</u>	17	6	2	24	43
<u>Males</u>	19	7	2	23	42
<u>Females</u>	15	6	1	24	44
<u>New Castle</u>	16	6	2	22	42
<u>Males</u>	18	7	2	21	41
<u>Females</u>	15	6	1	22	43
<u>Kent</u>	18	6	2	27	48
<u>Males</u>	19	7	2	27	48
<u>Females</u>	17	6	1	27	47
<u>Sussex</u>	17	6	1	26	43
<u>Males</u>	20	7	1	25	40
<u>Females</u>	14	5	1	26	46



Note: Displayed percents are rounded to the nearest whole number. Bar charts may differ due to rounding error.
 2009 Delaware School Survey, Center for Drug and Alcohol Studies, University of Delaware.

INHALANT USE AMONG 2009 DELAWARE FIFTH GRADERS

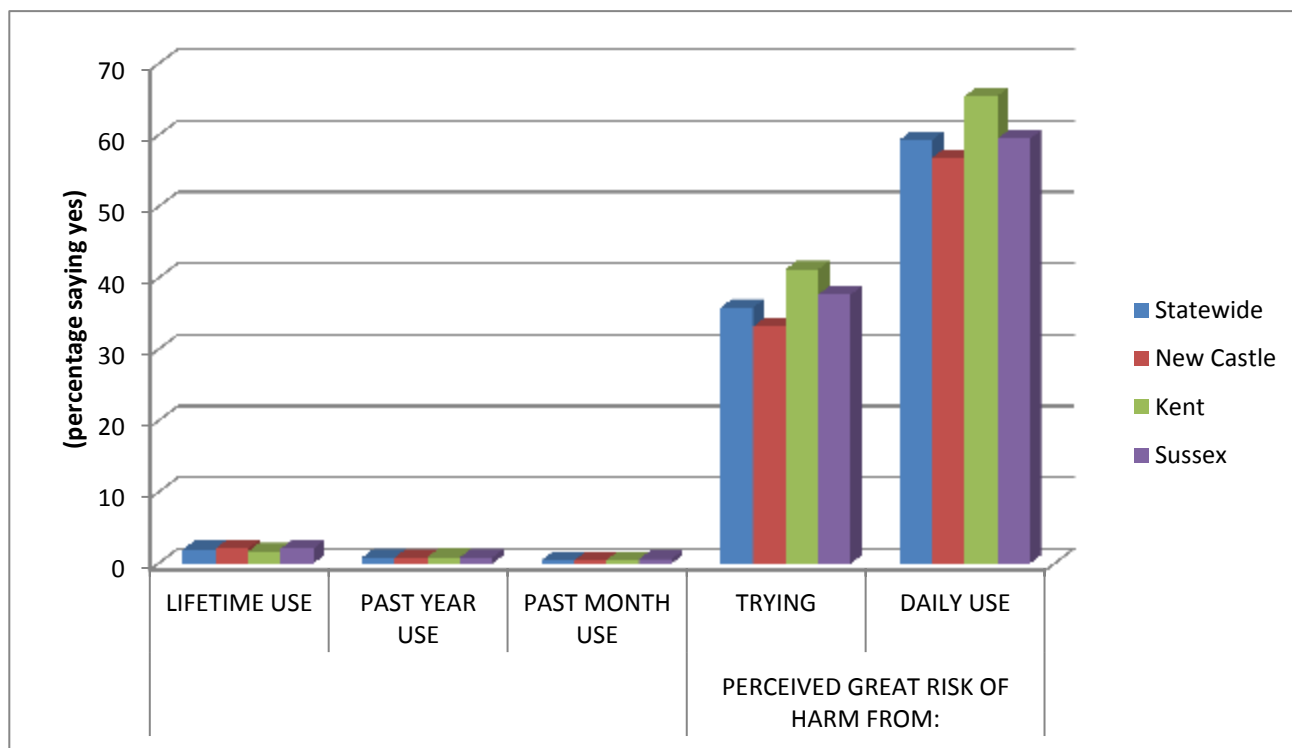
	LIFETIME USE	PAST YEAR USE	PAST MONTH USE	PERCIEVED GREAT RISK OF HARM FROM:	
				TRYING	WEEKLY USE
<u>Statewide</u>	14	6	3	23	47
<u>Males</u>	13	6	3	24	48
<u>Females</u>	14	7	3	23	45
<u>New Castle</u>	14	6	3	21	44
<u>Males</u>	13	6	3	22	46
<u>Females</u>	15	6	3	20	42
<u>Kent</u>	15	7	3	28	53
<u>Males</u>	15	7	3	29	55
<u>Females</u>	15	8	3	28	51
<u>Sussex</u>	13	5	2	24	46
<u>Males</u>	13	5	3	24	46
<u>Females</u>	13	5	2	24	46



Note: Displayed percents are rounded to the nearest whole number. Bar charts may differ due to rounding error.
 2009 Delaware School Survey, Center for Drug and Alcohol Studies, University of Delaware.

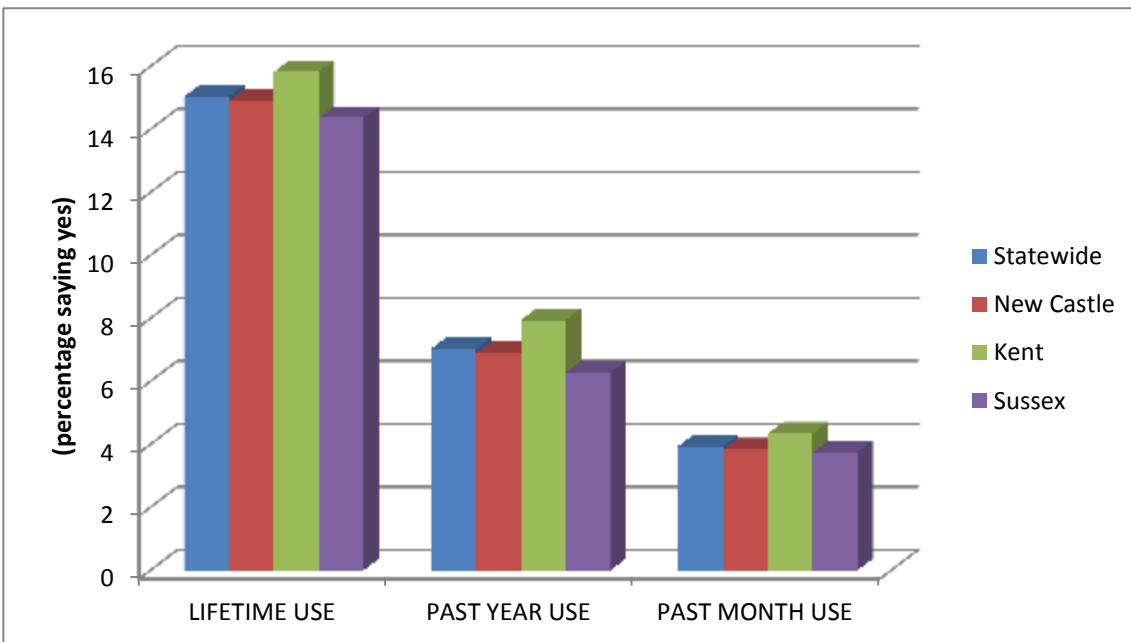
MARIJUANA USE AMONG DELAWARE FIFTH GRADERS

	LIFETIME USE	PAST YEAR USE	PAST MONTH USE	PERCEIVED GREAT RISK OF HARM	
				TRYING	WEEKLY USE
<u>Statewide</u>	2	1	0	36	59
<u>Males</u>	3	1	1	38	60
<u>Females</u>	1	0	0	34	59
<u>New Castle</u>	2	1	0	33	57
<u>Males</u>	3	1	1	35	58
<u>Females</u>	1	0	0	31	56
<u>Kent</u>	2	1	0	41	65
<u>Males</u>	3	1	1	44	66
<u>Females</u>	1	0	0	38	65
<u>Sussex</u>	2	1	1	38	60
<u>Males</u>	3	1	1	39	60
<u>Females</u>	1	1	1	36	59



OTHER ILLEGAL DRUG USE AMONG DELAWARE FIFTH GRADERS

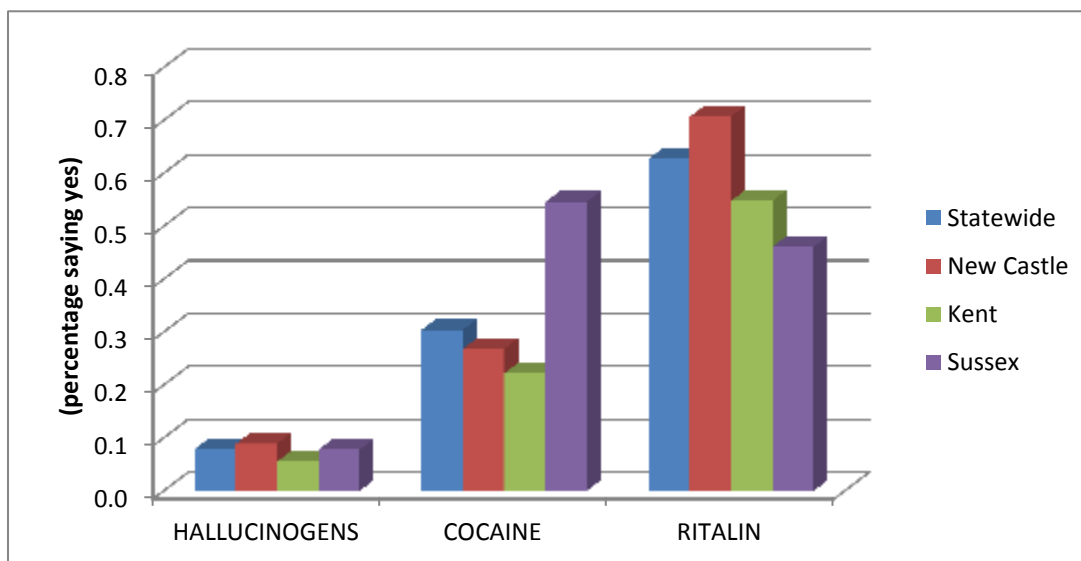
	LIFETIME USE	PAST YEAR USE	PAST MONTH USE
<u>Statewide</u>	15	7	4
<u>Males</u>	15	7	4
<u>Females</u>	15	7	4
<u>New Castle</u>	15	7	4
<u>Males</u>	14	7	4
<u>Females</u>	16	7	4
<u>Kent</u>	16	8	4
<u>Males</u>	16	8	4
<u>Females</u>	16	8	4
<u>Sussex</u>	14	6	4
<u>Males</u>	15	6	4
<u>Females</u>	14	6	3



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

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

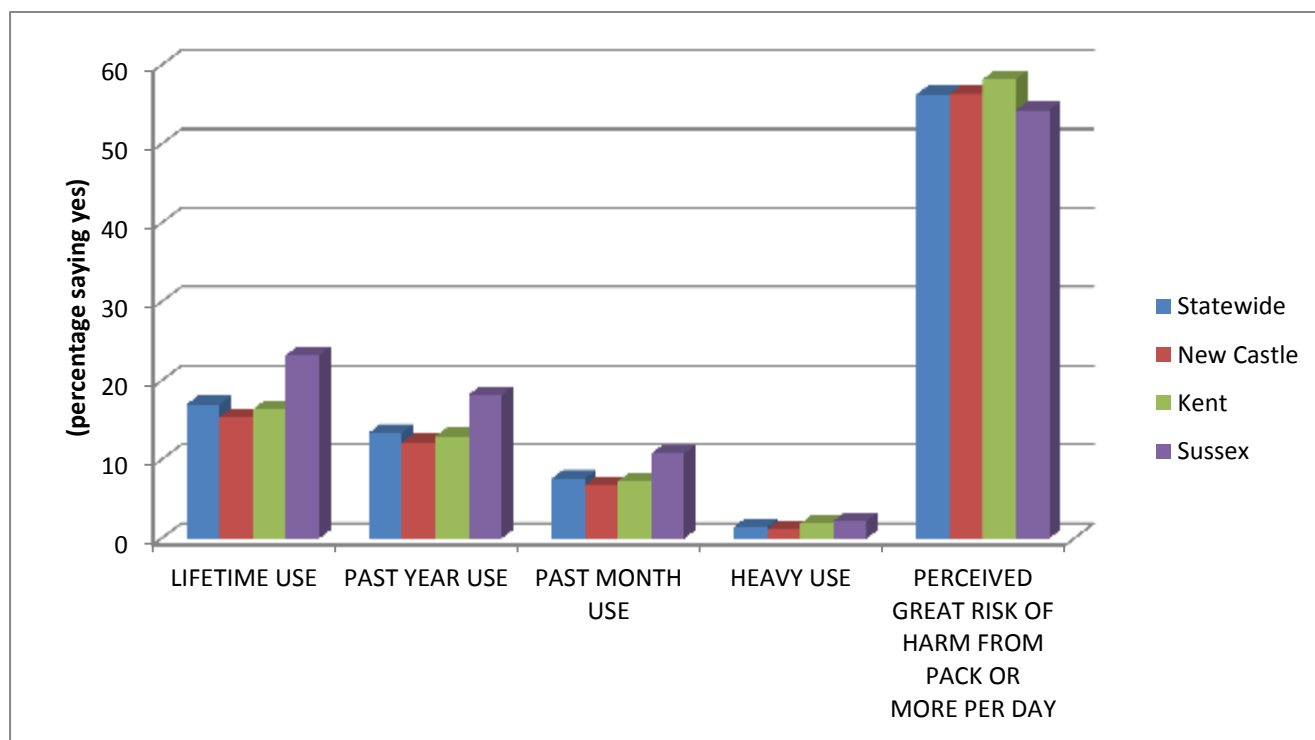
	HALLUCI- NOGENS	COCAINE	RITALIN
<u>Statewide</u>	0	0	1
<u>Males</u>	0	0	1
<u>Females</u>	0	0	0
<u>New Castle</u>	0	0	1
<u>Males</u>	0	0	1
<u>Females</u>	0	0	0
<u>Kent</u>	0	0	1
<u>Males</u>	0	0	1
<u>Females</u>	0	0	0
<u>Sussex</u>	0	1	0
<u>Males</u>	0	1	1
<u>Females</u>	0	0	0



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

CIGARETTE USE AMONG DELAWARE EIGHTH GRADERS

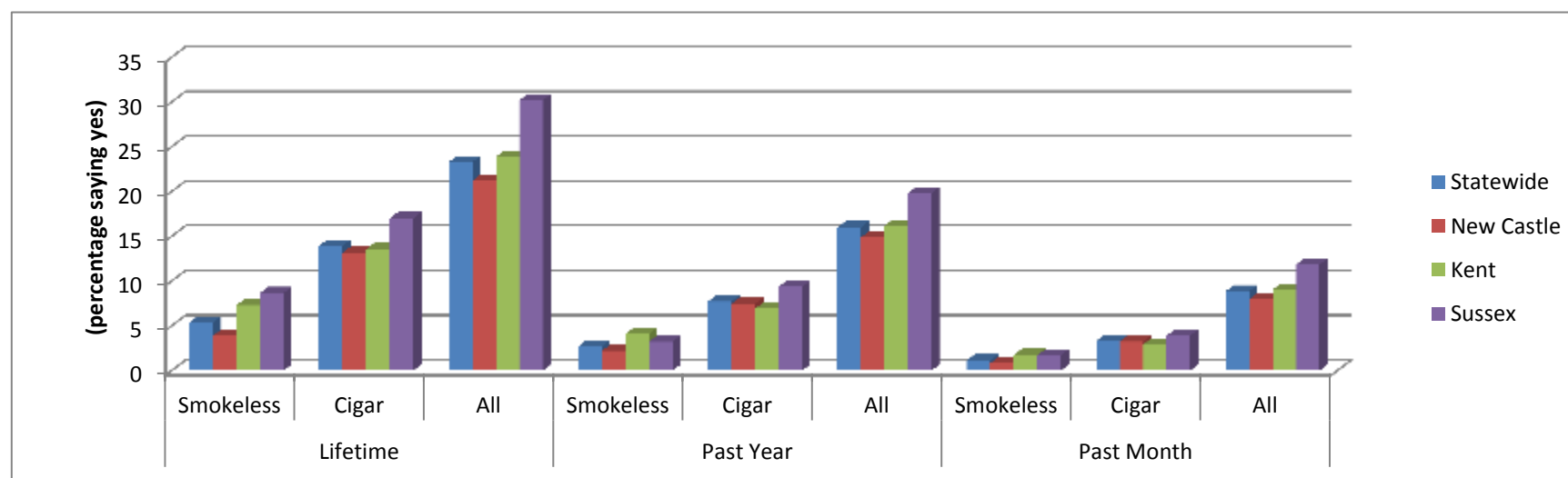
	LIFETIME USE	PAST YEAR USE	PAST MONTH USE	HEAVY USE	PERCEIVED GREAT RISK OF HARM FROM PACK OR MORE PER DAY
<u>Statewide</u>	17	13	8	1	56
<u>Males</u>	18	14	8	2	52
<u>Females</u>	16	13	7	1	61
<u>New Castle</u>	15	12	7	1	56
<u>Males</u>	15	12	7	1	53
<u>Females</u>	15	12	7	1	60
<u>Kent</u>	16	13	7	2	58
<u>Males</u>	17	14	8	2	52
<u>Females</u>	15	12	7	2	65
<u>Sussex</u>	23	18	11	2	54
<u>Males</u>	25	21	13	2	48
<u>Females</u>	22	16	9	2	61



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

OTHER TOBACCO USE AMONG DELAWARE EIGHTH GRADERS

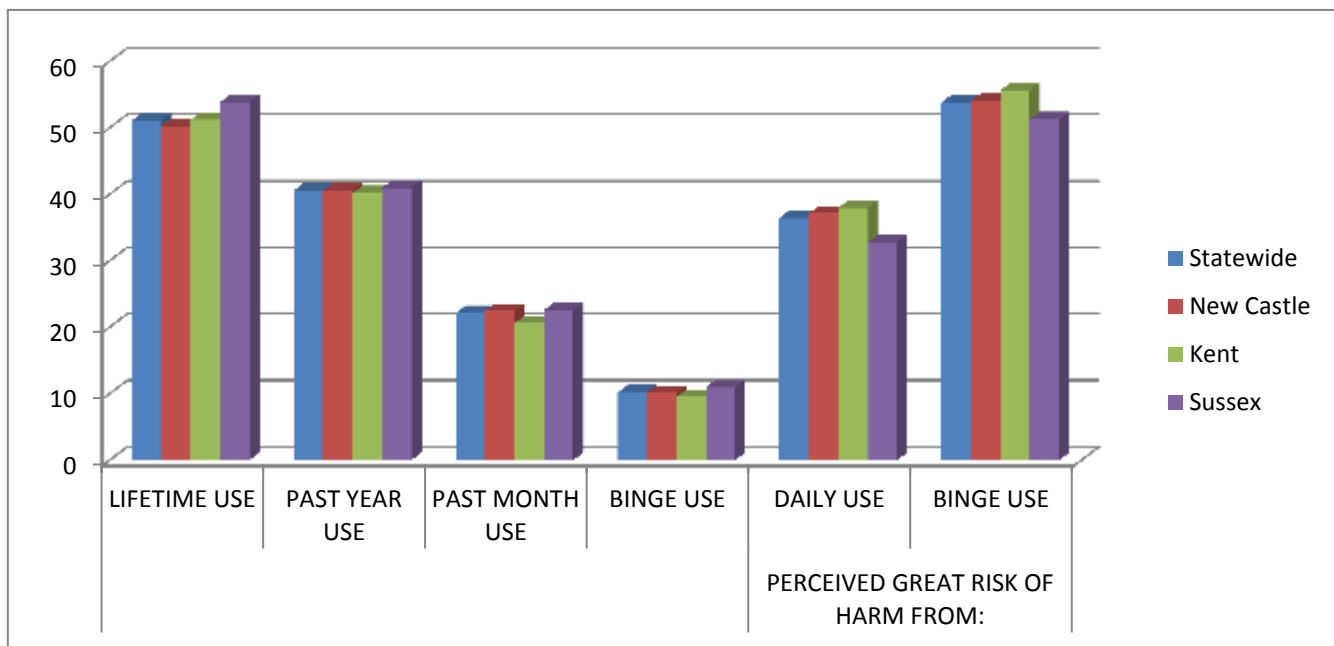
	Lifetime			Past Year			Past Month		
	Smokeless	Cigar	All	Smokeless	Cigar	All	Smokeless	Cigar	All
Statewide	5	14	23	3	8	16	1	3	9
Males	8	17	25	4	10	18	2	4	10
Females	3	11	21	1	6	14	0	2	8
New Castle	4	13	21	2	7	15	1	3	8
Males	6	15	22	4	9	16	2	4	8
Females	2	11	20	1	6	14	0	2	7
Kent	7	14	24	4	7	16	2	3	9
Males	10	16	26	6	10	18	3	3	11
Females	5	11	21	2	5	14	1	3	8
Sussex	9	17	30	3	9	20	2	4	12
Males	13	21	35	5	12	23	3	5	15
Females	5	13	26	2	7	17	1	2	9



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

ALCOHOL USE AMONG DELAWARE EIGHTH GRADERS

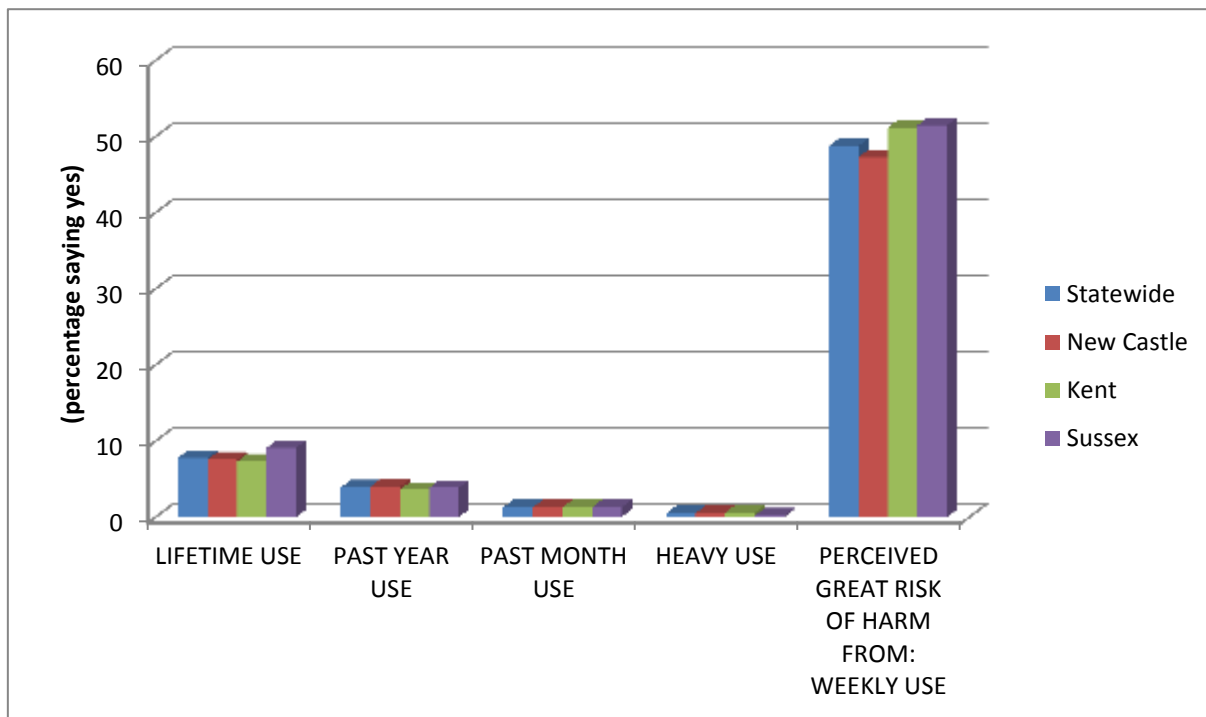
	LIFETIME USE	PAST YEAR USE	PAST MONTH USE	BINGE USE	PERCEIVED GREAT RISK OF HARM FROM:	
					DAILY USE	BINGE USE
Statewide	51	41	22	10	36	54
Male	50	39	21	10	33	50
Female	52	42	23	10	39	57
New Castle	50	41	22	10	37	54
Male	49	39	21	10	35	51
Female	51	42	24	10	40	57
Kent	51	40	21	10	38	56
Male	50	37	20	9	36	52
Female	52	43	21	10	40	58
Sussex	54	41	23	11	33	51
Male	54	40	22	10	27	46
Female	54	42	23	12	38	56



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

INHALANT USE AMONG DELAWARE EIGHTH GRADERS

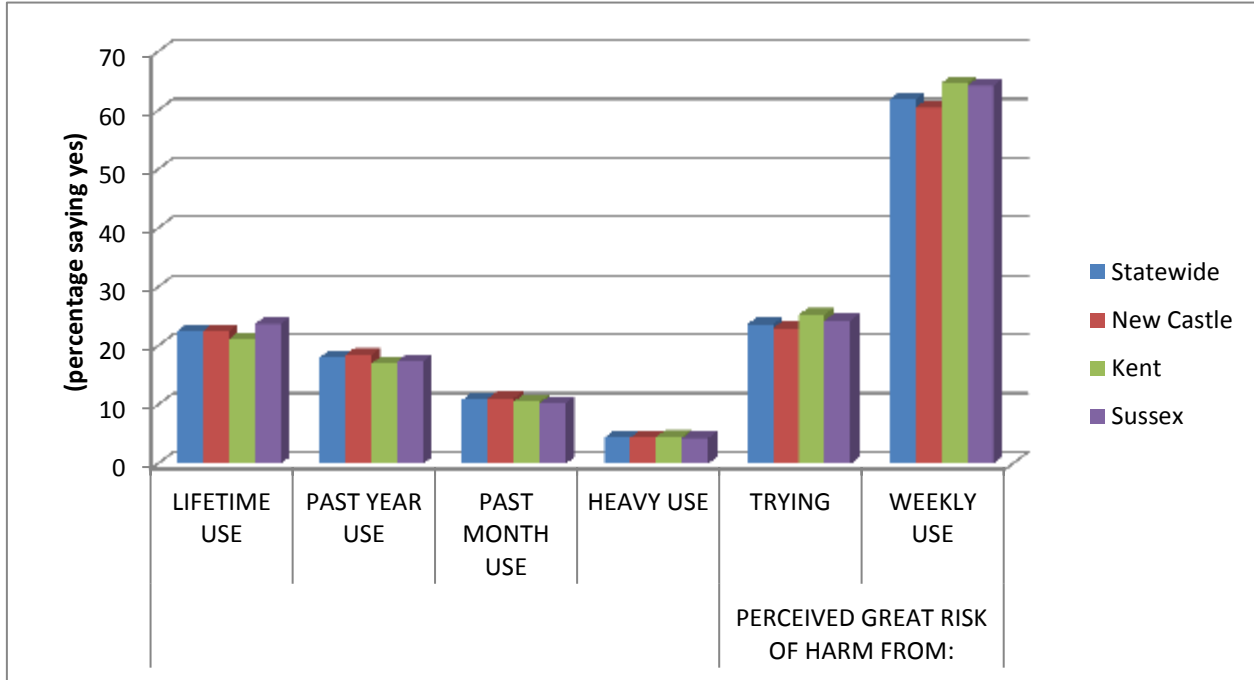
	LIFETIME USE	PAST YEAR USE	PAST MONTH USE	HEAVY USE	PERCEIVED GREAT RISK OF HARM FROM: WEEKLY USE
<u>Statewide</u>	8	4	1	0	49
<u>Males</u>	6	3	1	0	46
<u>Females</u>	9	5	2	1	52
<u>New Castle</u>	8	4	1	1	47
<u>Males</u>	6	3	1	0	44
<u>Females</u>	9	5	2	1	51
<u>Kent</u>	7	4	1	1	51
<u>Males</u>	5	2	1	0	48
<u>Females</u>	9	5	2	1	55
<u>Sussex</u>	9	4	1	0	51
<u>Males</u>	8	3	1	0	51
<u>Females</u>	11	5	1	0	52



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

MARIJUANA USE AMONG DELAWARE EIGHTH GRADERS

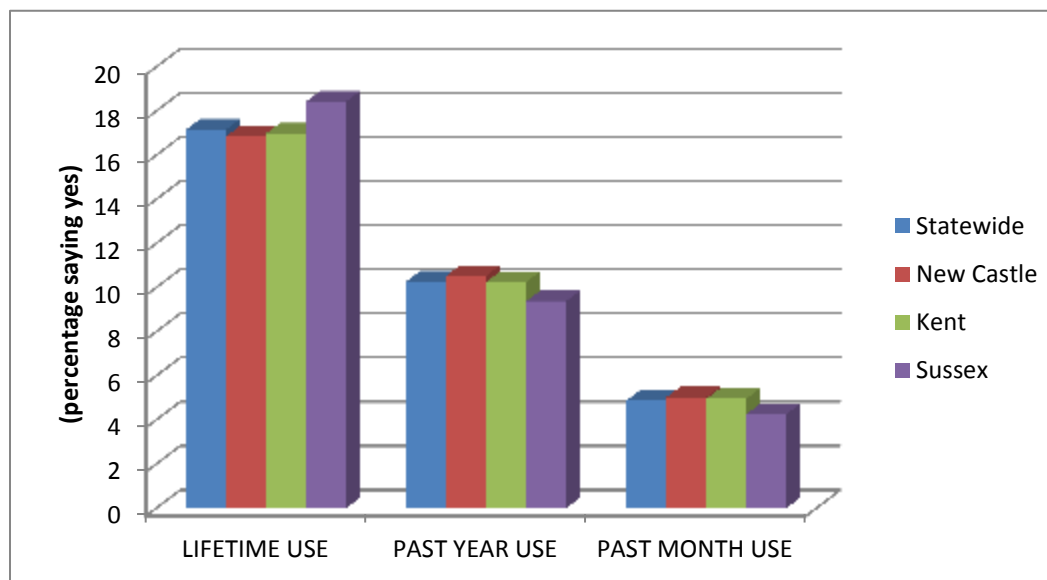
	LIFETIME USE	PAST YEAR USE	PAST MONTH USE	HEAVY USE	PERCEIVED GREAT RISK OF HARM FROM:	
					TRYING	WEEKLY USE
<u>Statewide</u>	23	18	11	4	24	62
<u>Males</u>	25	20	12	6	23	57
<u>Females</u>	20	16	9	3	24	67
<u>New Castle</u>	23	19	11	4	23	60
<u>Males</u>	25	20	13	6	23	56
<u>Females</u>	20	17	9	3	23	65
<u>Kent</u>	21	17	11	5	25	65
<u>Males</u>	24	19	12	7	23	60
<u>Females</u>	18	15	8	3	27	69
<u>Sussex</u>	24	17	10	4	24	64
<u>Males</u>	26	19	11	5	24	56
<u>Females</u>	21	16	10	3	24	72



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

OTHER ILLEGAL DRUG USE AMONG DELAWARE EIGHTH GRADERS

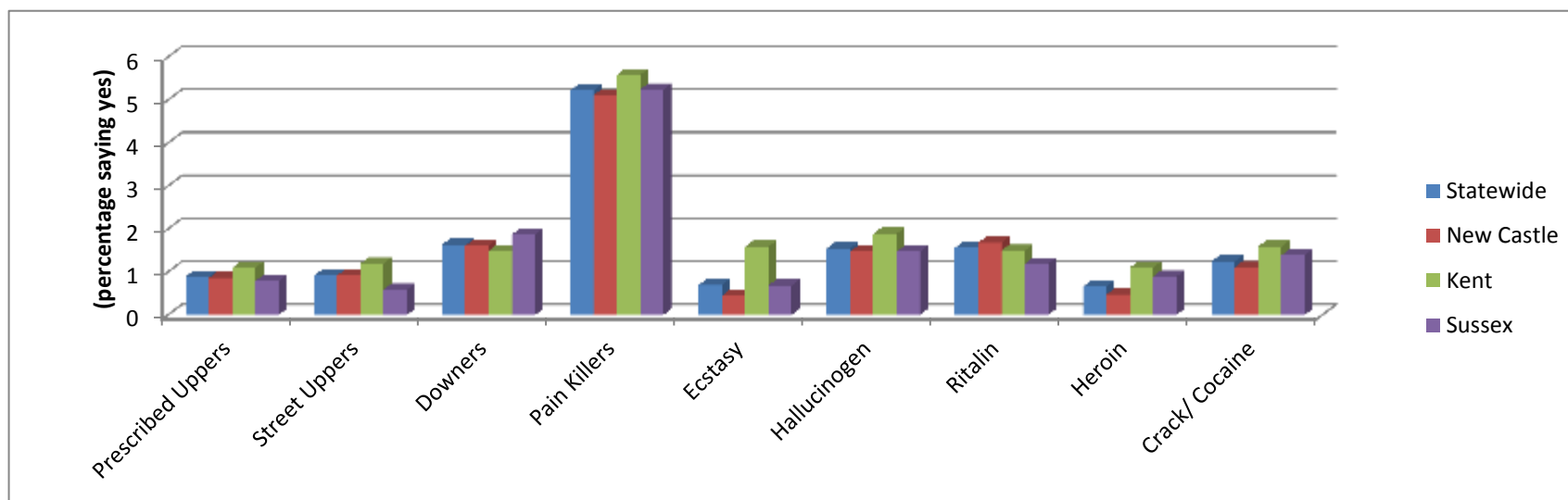
	LIFETIME USE	PAST YEAR USE	PAST MONTH USE
<u>Statewide</u>	17	10	5
<u>Males</u>	16	9	4
<u>Females</u>	18	11	5
<u>New Castle</u>	17	11	5
<u>Males</u>	16	10	4
<u>Females</u>	18	11	6
<u>Kent</u>	17	10	5
<u>Males</u>	16	9	5
<u>Females</u>	17	11	5
<u>Sussex</u>	18	9	4
<u>Males</u>	17	9	5
<u>Females</u>	20	10	4



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

PAST YEAR USE OF OTHER ILLEGAL SUBSTANCES AMONG DELAWARE EIGHTH GRADERS

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

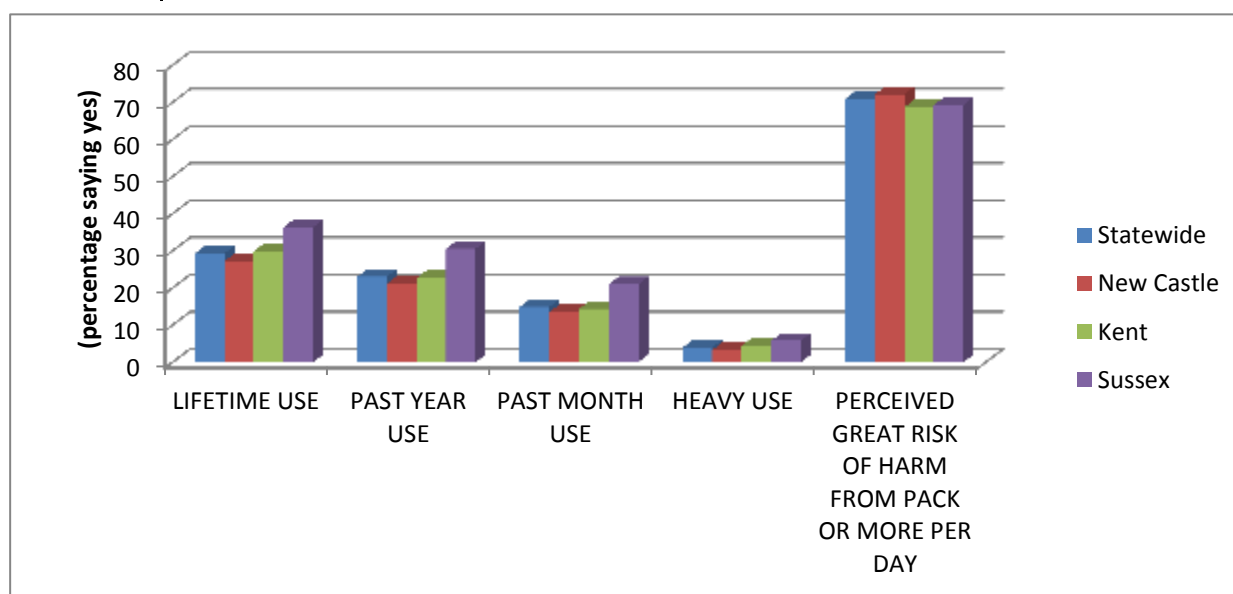


"Pain killers" includes OxyContin, Codeine, Percocet, and Tylenol 3 "to get high."

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

CIGARETTE USE AMONG DELAWARE ELEVENTH GRADERS

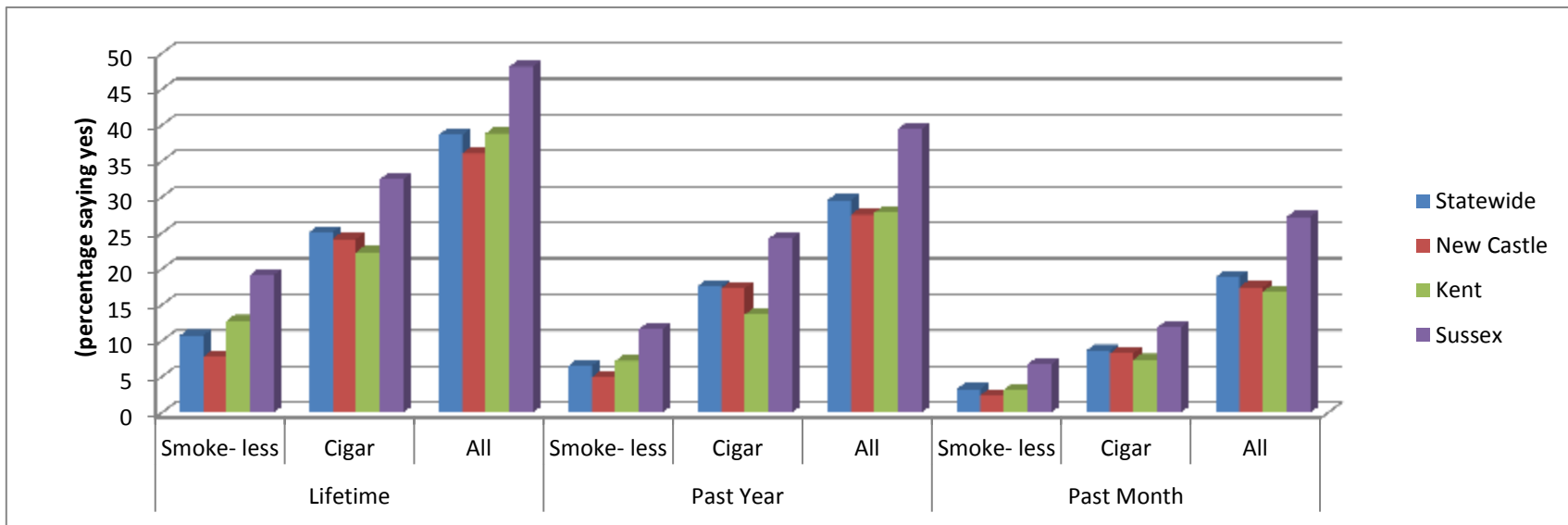
	LIFETIME USE	PAST YEAR USE	PAST MONTH USE	HEAVY USE	PERCEIVED GREAT RISK OF HARM FROM PACK OR MORE PER DAY
<u>Statewide</u>	29	23	15	4	71
<u>Males</u>	30	24	17	4	67
<u>Females</u>	29	22	14	3	75
<u>New Castle</u>	27	21	14	3	72
<u>Males</u>	28	22	15	4	68
<u>Females</u>	27	20	12	3	76
<u>Kent</u>	30	23	14	4	69
<u>Males</u>	31	24	17	6	66
<u>Females</u>	29	22	12	3	71
<u>Sussex</u>	36	31	21	6	69
<u>Males</u>	36	31	21	6	63
<u>Females</u>	37	31	21	5	75



Note: Displayed percents are rounded to the nearest whole number. Bar charts may differ due to rounding error.
 2009 Delaware School Survey, Center for Drug and Alcohol Studies, University of Delaware.

OTHER TOBACCO USE AMONG DELAWARE ELEVENTH GRADERS

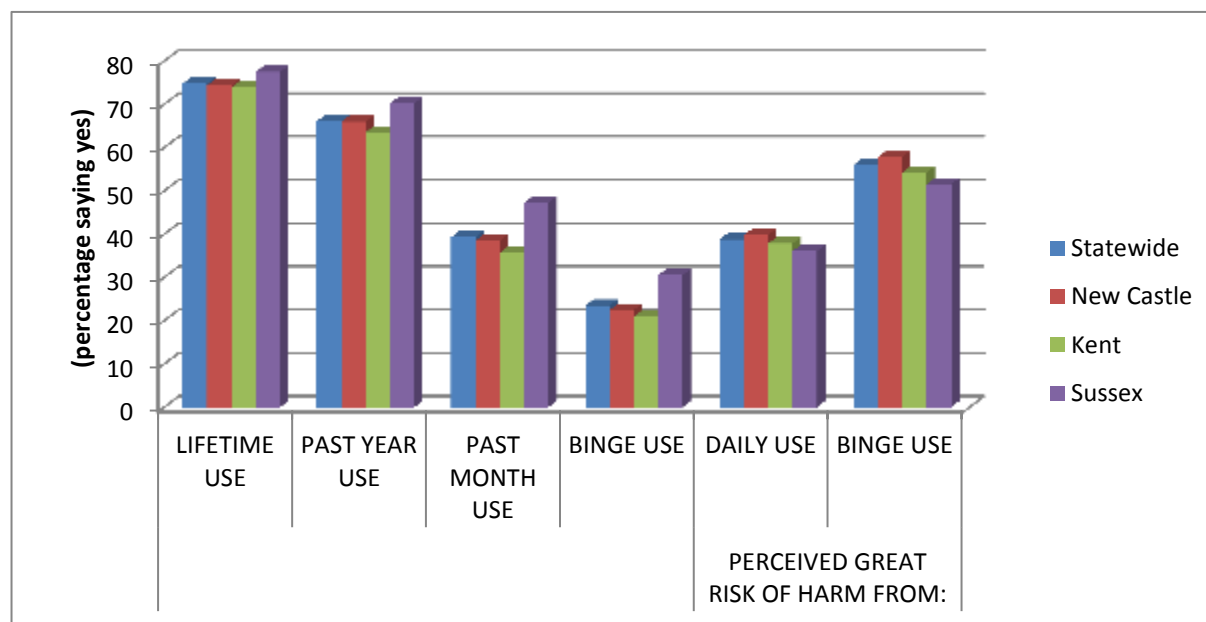
	Lifetime			Past Year			Past Month		
	Smoke- less	Cigar	All	Smoke- less	Cigar	All	Smoke- less	Cigar	All
<u>Statewide</u>	11	25	39	7	18	30	3	9	19
<u>Males</u>	18	33	43	12	25	34	6	13	23
<u>Females</u>	4	18	35	2	11	26	1	5	15
<u>New Castle</u>	8	24	36	5	17	28	2	8	17
<u>Males</u>	13	31	39	9	24	31	5	12	21
<u>Females</u>	3	18	33	2	12	24	1	5	14
<u>Kent</u>	13	22	39	7	14	28	3	7	17
<u>Males</u>	23	30	43	14	22	32	7	12	22
<u>Females</u>	4	16	35	1	7	24	0	4	13
<u>Sussex</u>	19	32	48	12	24	39	7	12	27
<u>Males</u>	31	43	55	21	32	45	14	17	32
<u>Females</u>	9	24	43	3	17	34	1	7	23



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

ALCOHOL USE AMONG DELAWARE ELEVENTH GRADERS

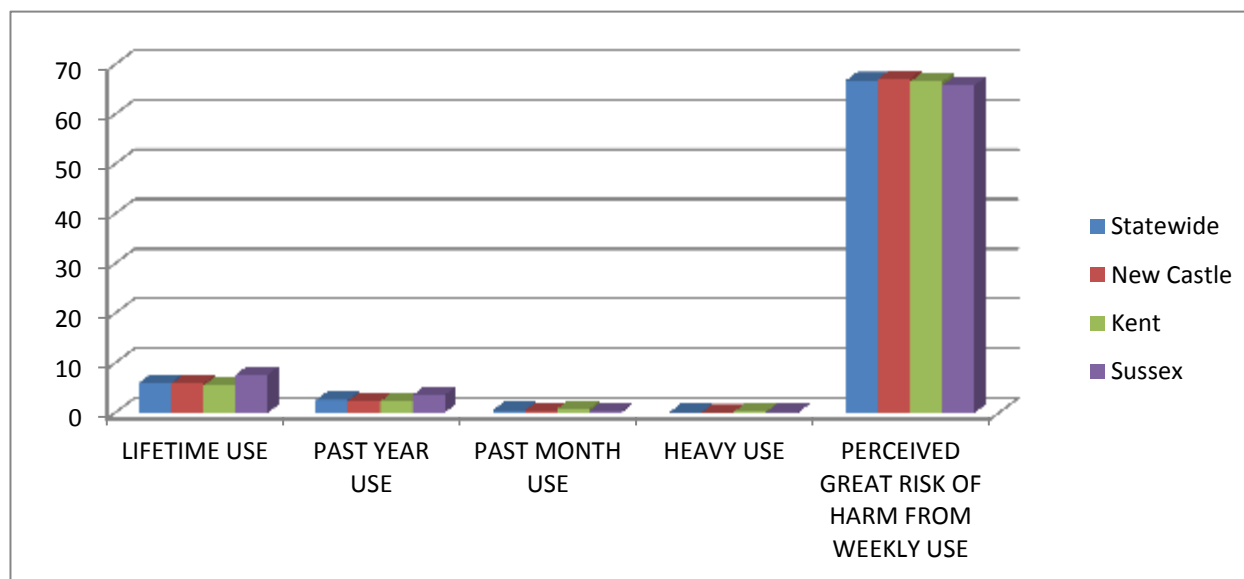
	LIFETIME USE	PAST YEAR USE	PAST MONTH USE	BINGE USE	PERCEIVED GREAT RISK OF HARM FROM	
					DAILY USE	BINGE USE
<u>Statewide</u>	75	66	39	23	39	56
<u>Male</u>	74	66	41	26	31	49
<u>Female</u>	75	66	38	21	45	63
<u>New Castle</u>	74	66	38	22	40	58
<u>Male</u>	74	66	39	25	32	50
<u>Female</u>	75	66	38	20	46	65
<u>Kent</u>	74	64	36	21	38	54
<u>Male</u>	72	65	40	24	32	47
<u>Female</u>	76	63	32	18	43	60
<u>Sussex</u>	77	70	47	31	36	52
<u>Male</u>	78	70	50	36	27	47
<u>Female</u>	77	70	45	26	44	55



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

INHALANT USE AMONG DELAWARE ELEVENTH GRADERS

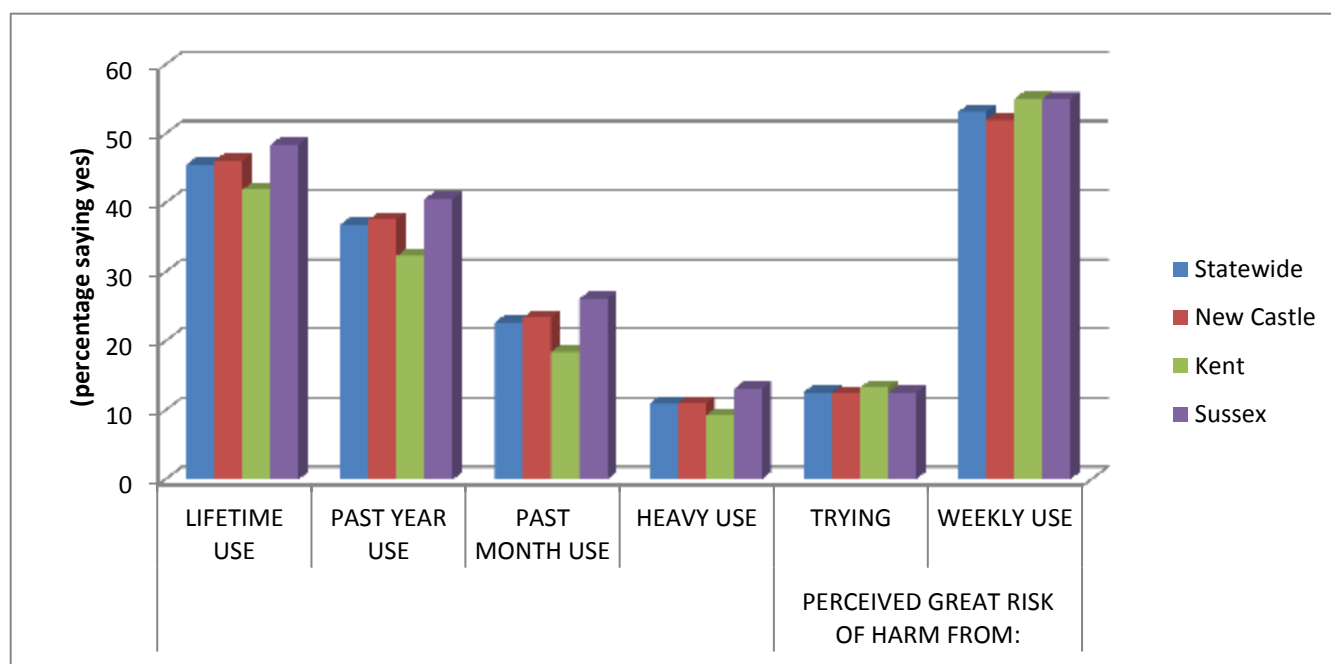
	LIFETIME USE	PAST YEAR USE	PAST MONTH USE	HEAVY USE	PERCEIVED GREAT RISK OF HARM FROM WEEKLY USE
<u>Statewide</u>	6	3	1	0	67
<u>Males</u>	6	2	1	0	63
<u>Females</u>	6	3	0	0	70
<u>New Castle</u>	6	2	0	0	67
<u>Males</u>	5	2	0	0	62
<u>Females</u>	6	2	0	0	71
<u>Kent</u>	5	2	1	0	67
<u>Males</u>	5	2	1	0	64
<u>Females</u>	5	2	1	0	69
<u>Sussex</u>	8	4	0	0	66
<u>Males</u>	7	3	1	0	63
<u>Females</u>	8	4	0	0	69



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

MARIJUANA USE AMONG DELAWARE ELEVENTH GRADERS

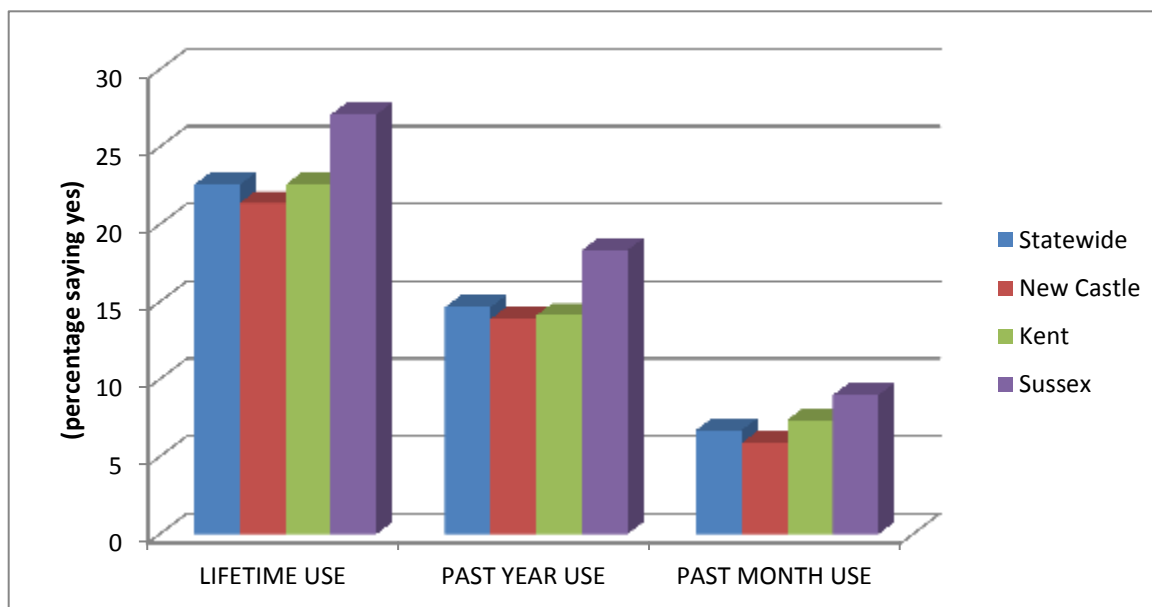
	LIFETIME USE	PAST YEAR USE	PAST MONTH USE	HEAVY USE	PERCEIVED GREAT RISK OF HARM FROM:	
					TRYING	WEEKLY USE
<u>Statewide</u>	46	37	23	11	13	53
<u>Males</u>	48	40	26	14	12	46
<u>Females</u>	43	34	20	8	13	60
<u>New Castle</u>	46	38	23	11	12	52
<u>Males</u>	48	41	27	14	12	44
<u>Females</u>	44	34	20	8	13	59
<u>Kent</u>	42	32	18	9	13	55
<u>Males</u>	46	34	21	12	13	48
<u>Females</u>	39	31	16	7	13	61
<u>Sussex</u>	48	41	26	13	13	55
<u>Males</u>	51	45	30	17	12	48
<u>Females</u>	46	37	23	10	13	61



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

OTHER ILLEGAL DRUG USE AMONG DELAWARE ELEVENTH GRADERS

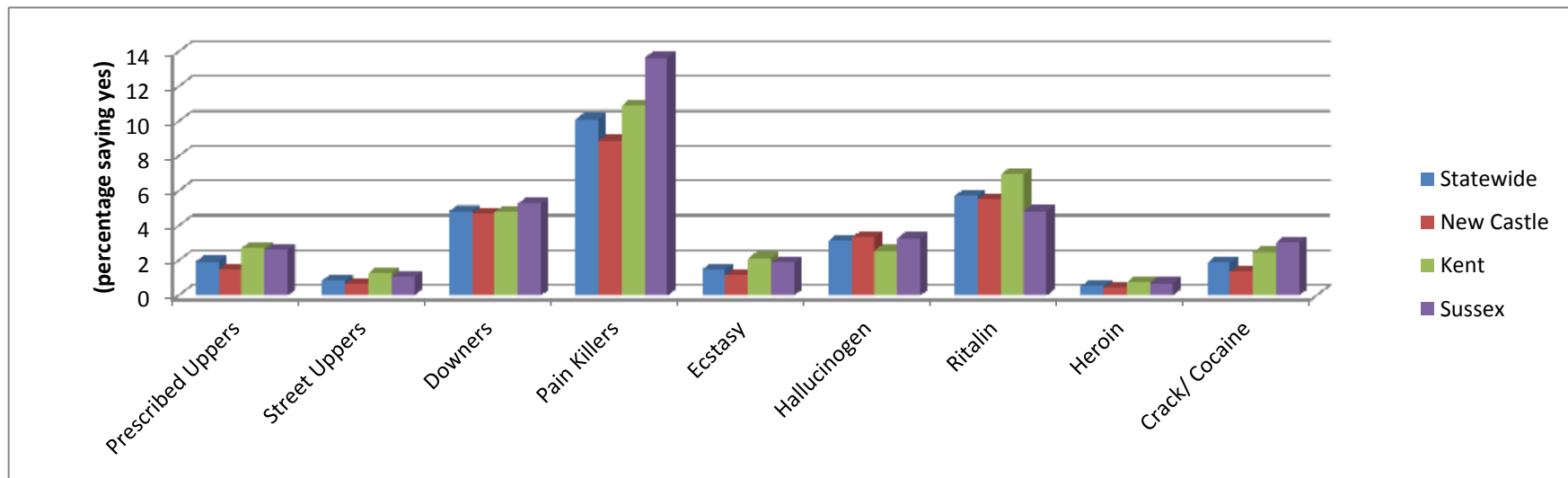
	LIFETIME USE	PAST YEAR USE	PAST MONTH USE
<u>Statewide</u>	23	15	7
<u>Males</u>	24	16	7
<u>Females</u>	21	13	6
<u>New Castle</u>	21	14	6
<u>Males</u>	23	15	6
<u>Females</u>	20	12	5
<u>Kent</u>	23	14	7
<u>Males</u>	22	15	9
<u>Females</u>	23	13	6
<u>Sussex</u>	27	18	9
<u>Males</u>	28	20	10
<u>Females</u>	26	17	8



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

PAST YEAR USE OF OTHER ILLEGAL SUBSTANCES AMONG DELAWARE ELEVENTH GRADERS

	Prescribed Uppers	Street Uppers	Downers	Pain Killers	Ecstasy	Hallucinogen	Ritalin	Heroin	Crack/Cocaine
<u>Statewide</u>	2	1	5	10	1	3	6	1	2
<u>Males</u>	2	1	5	11	2	4	7	1	2
<u>Females</u>	2	1	4	10	1	2	5	0	1
<u>New Castle</u>	1	1	5	9	1	3	6	0	1
<u>Males</u>	1	1	5	9	1	4	7	0	1
<u>Females</u>	1	1	4	9	1	2	5	0	1
<u>Kent</u>	3	1	5	11	2	3	7	1	2
<u>Males</u>	3	2	5	11	2	4	8	1	4
<u>Females</u>	2	1	5	11	2	2	6	0	1
<u>Sussex</u>	3	1	5	14	2	3	5	1	3
<u>Males</u>	2	2	5	15	3	6	5	1	4
<u>Females</u>	3	1	5	12	1	1	5	0	2



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

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

IV. Risk and Protective Factors for Drug Use:

Availability of Cigarettes, Alcohol, and Other Drugs to Students

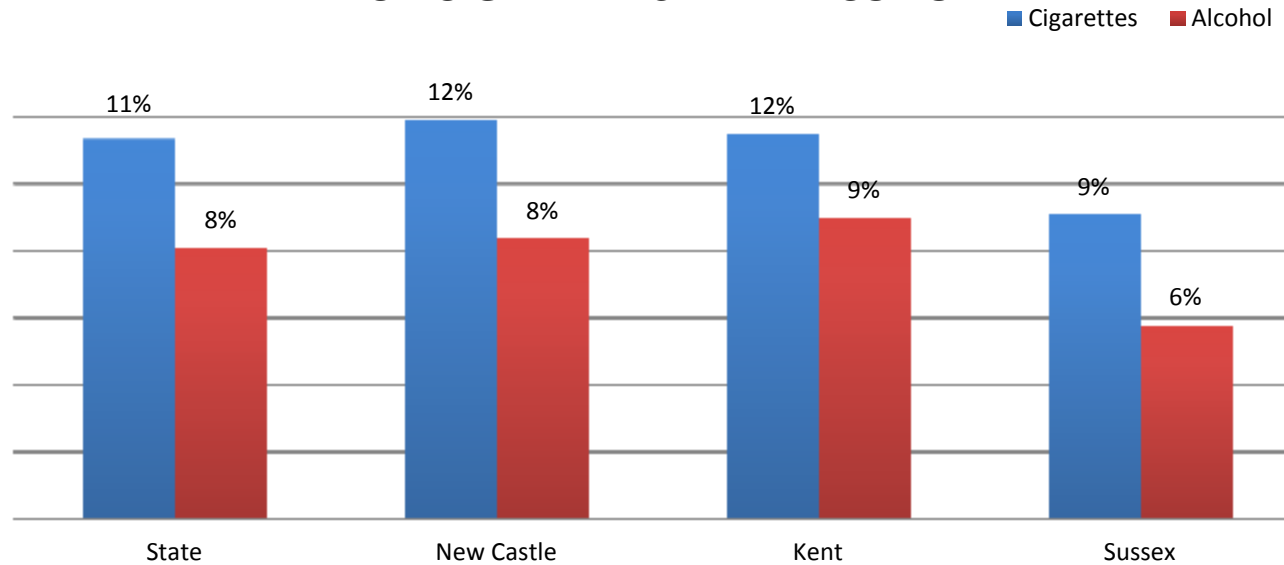
Past Participation in School-Based Drug Education

Substance Use by Peers at School and by Friends

Trends in Perceived Risk of Trying/Using Different Drugs 1995-Present

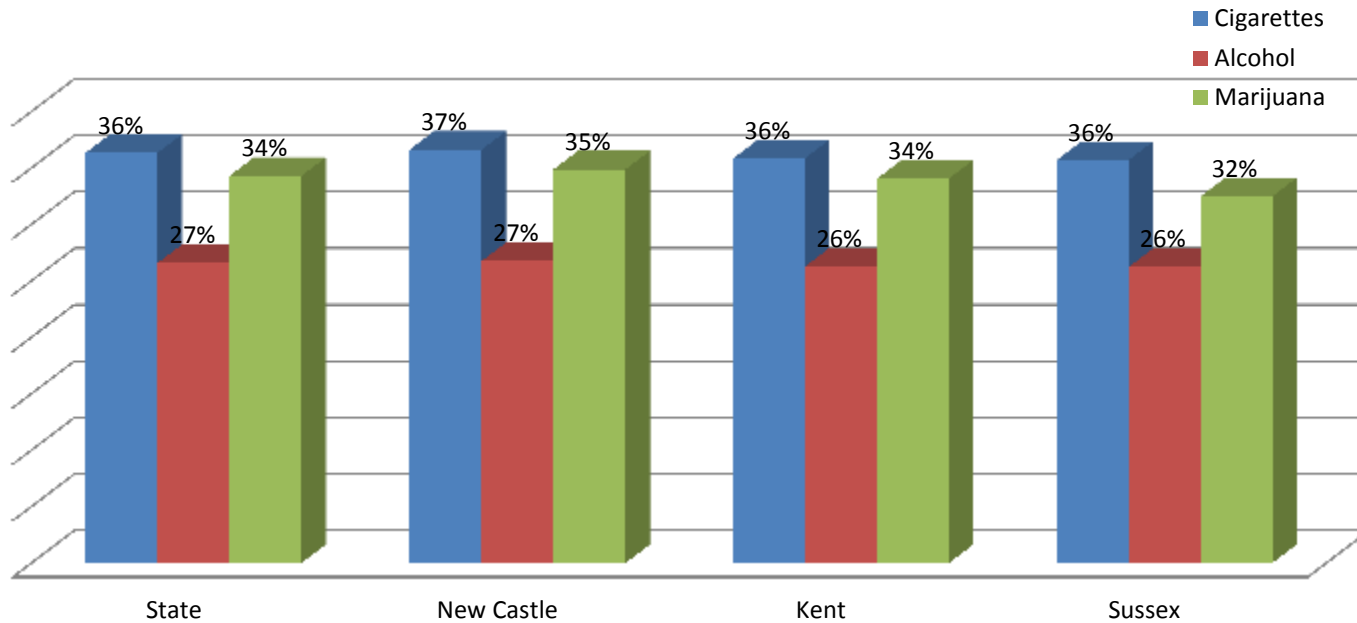
Comparison of Marijuana Perceptions Between 8th and 11th Graders Who Report Having Ever or Never Used Marijuana

DELAWARE FIFTH GRADERS WHO KNOW WHERE TO BUY CIGARETTES AND ALCOHOL



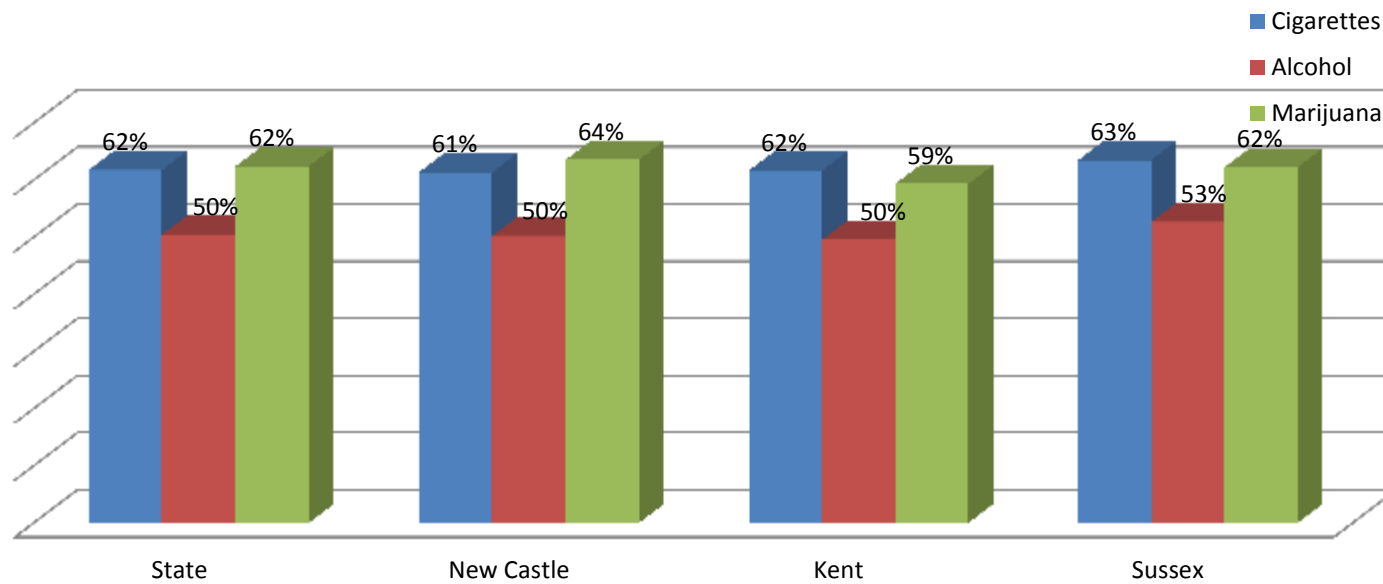
Note: Displayed percents are rounded to the nearest whole number. Bar charts may differ due to rounding error.
2009 Delaware School Survey, Center for Drug and Alcohol Studies, University of Delaware.

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



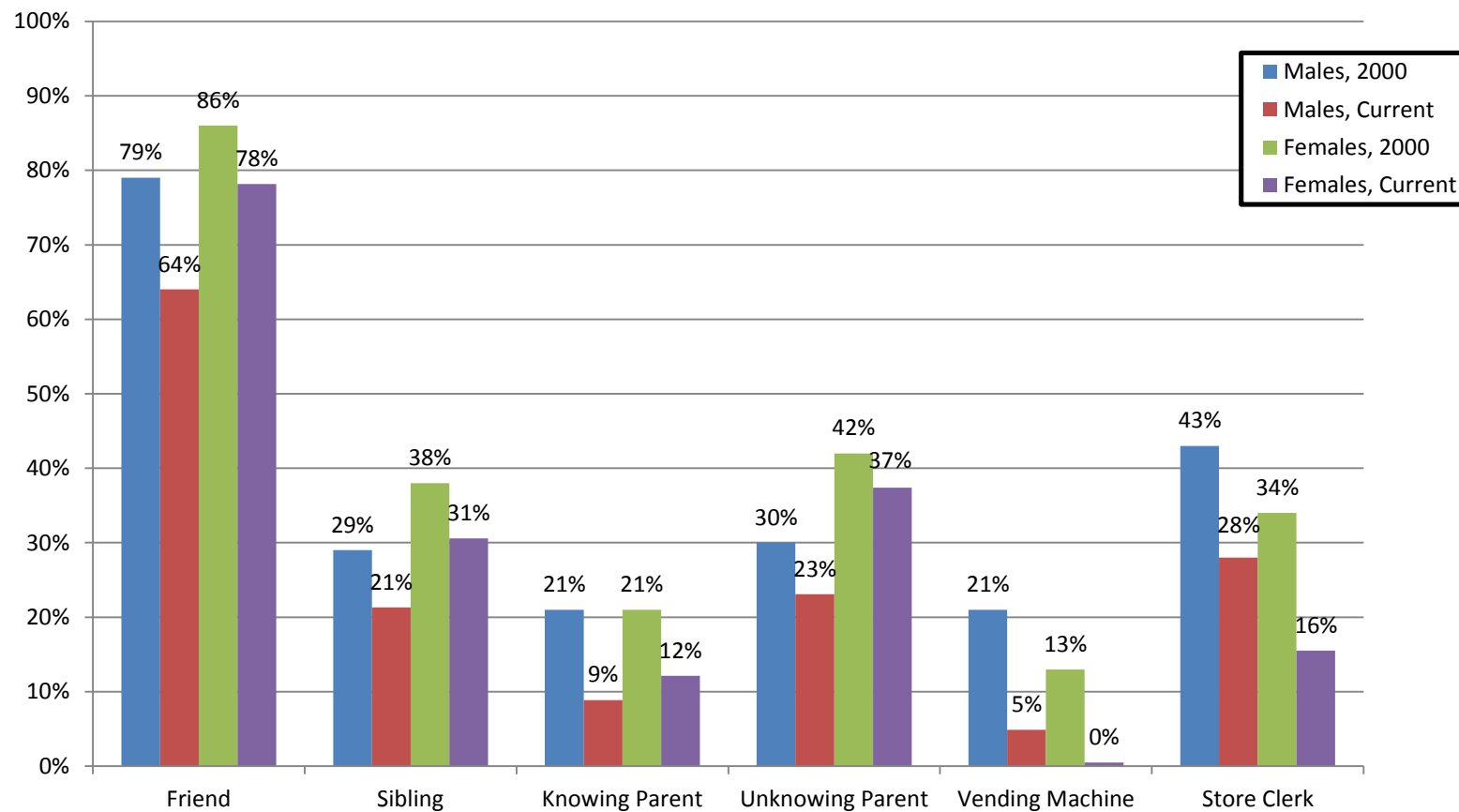
Note: Displayed percents are rounded to the nearest whole number. Bar charts may differ due to rounding error.
2009 Delaware School Survey, Center for Drug and Alcohol Studies, University of Delaware.

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



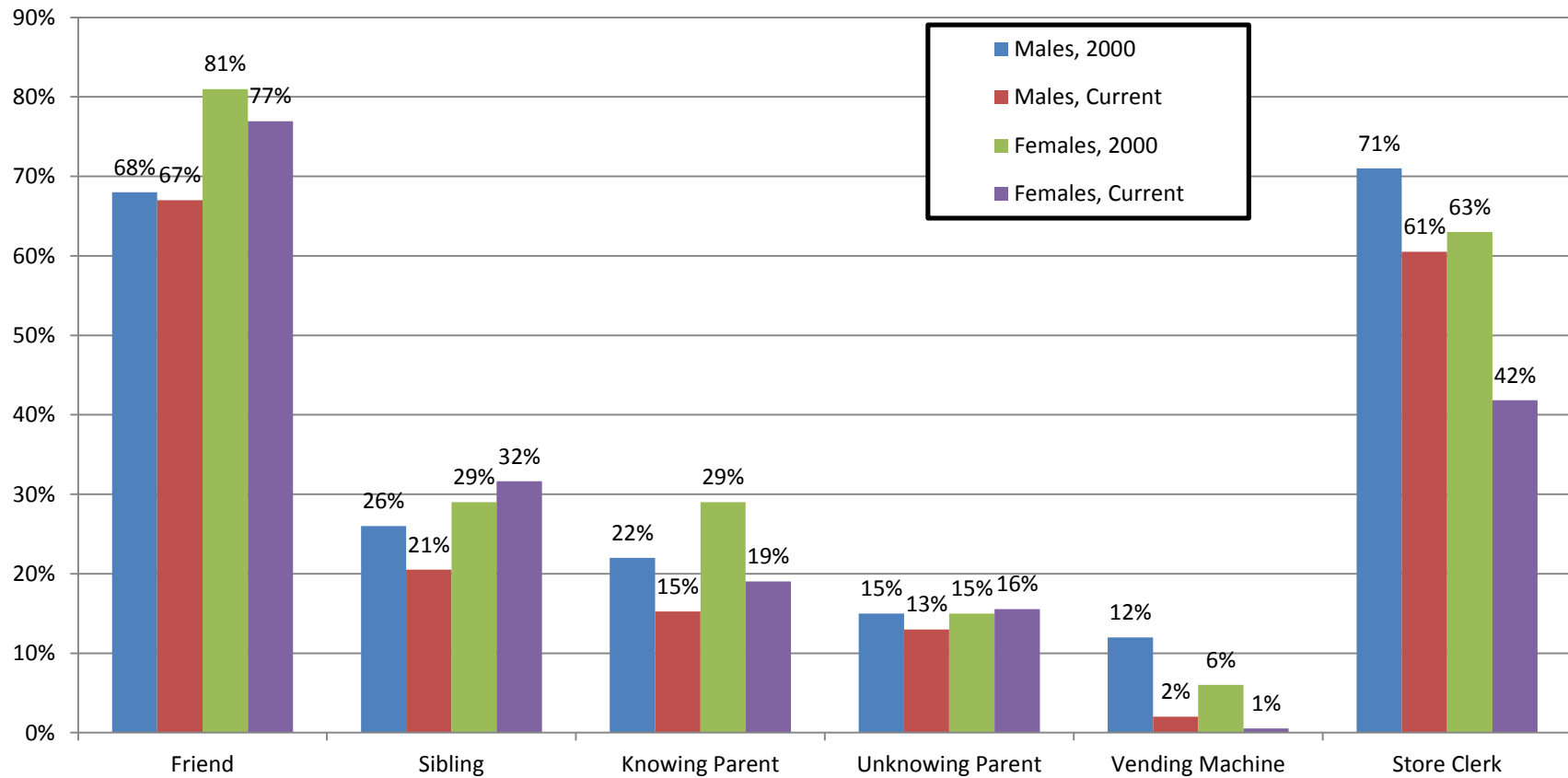
Note: Displayed percents are rounded to the nearest whole number. Bar charts may differ due to rounding error.
2009 Delaware School Survey, Center for Drug and Alcohol Studies, University of Delaware.

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



Current smoker is defined as reporting smoking in past month

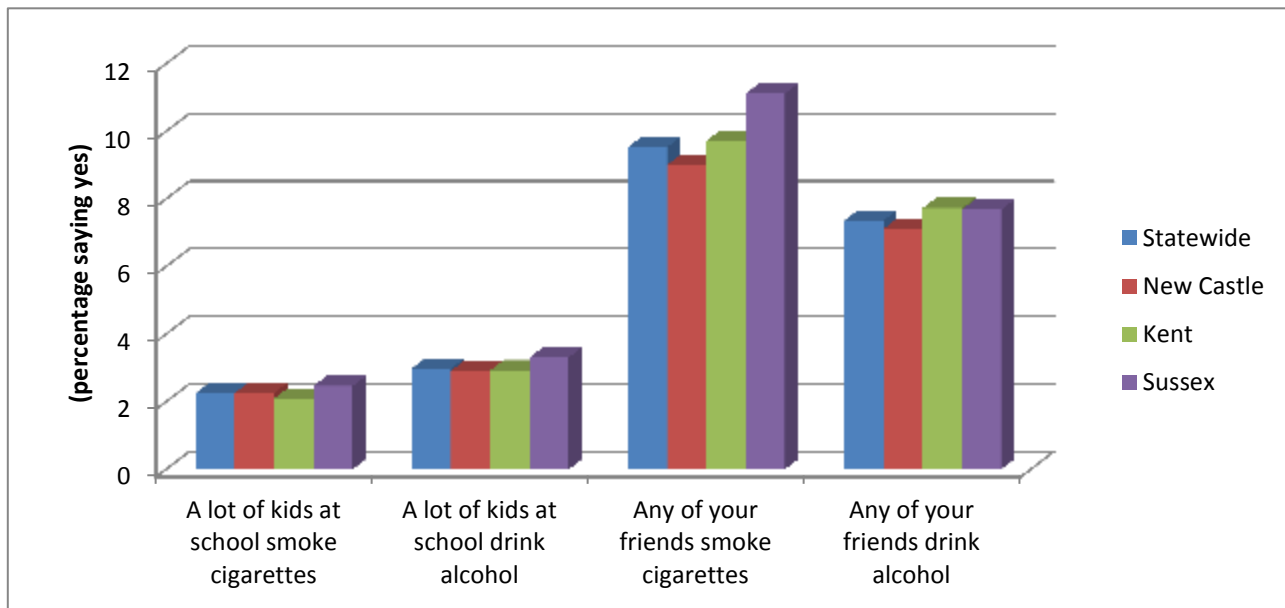
WHERE CURRENT SMOKERS GET THEIR CIGARETTES AMONG DELAWARE ELEVENTH GRADERS, 2000 AND CURRENT



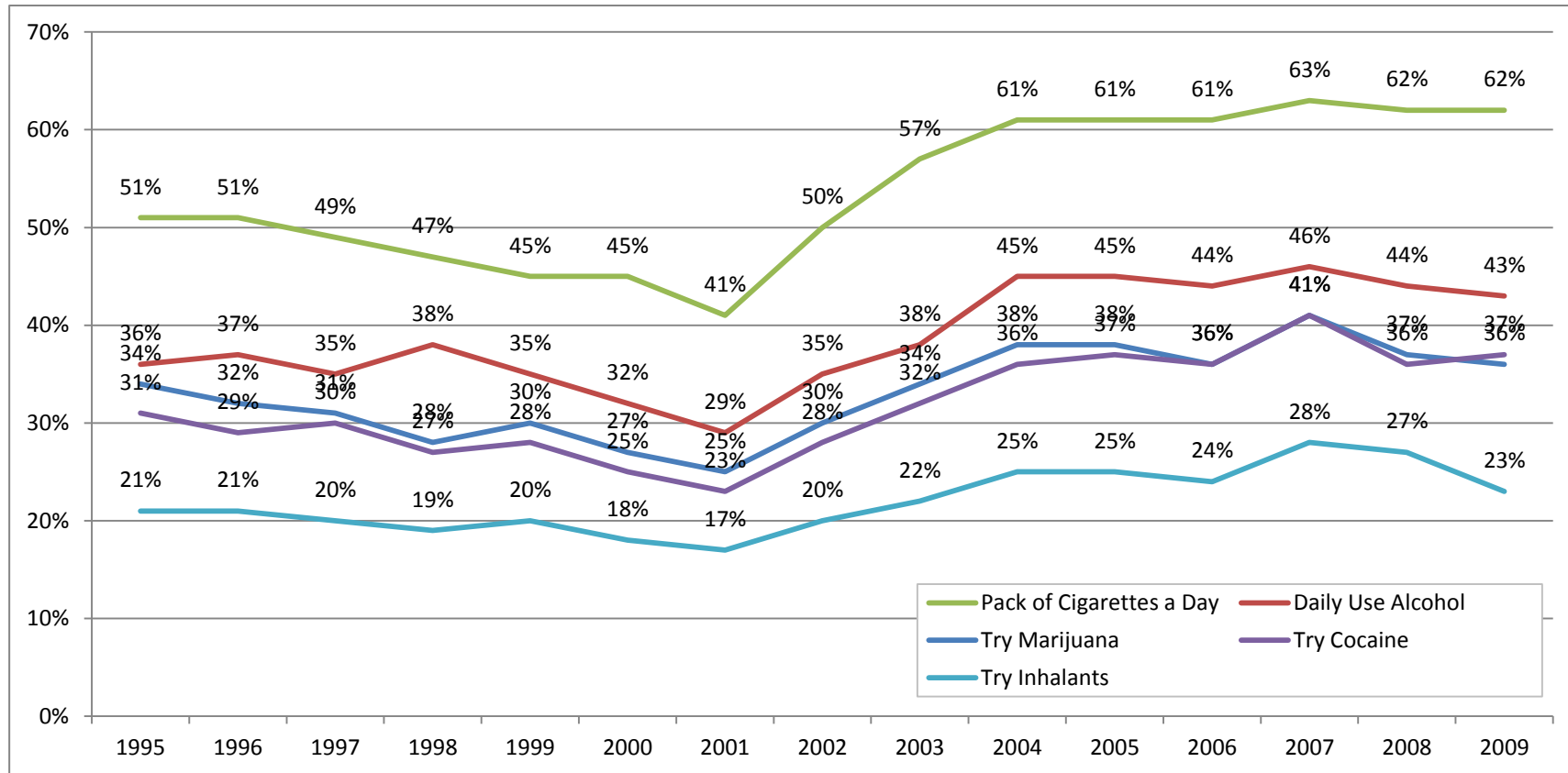
Current smoker is defined as reporting smoking in past month

SUBSTANCE USE BY PEERS REPORTED BY DELAWARE FIFTH GRADERS

	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
<u>Statewide</u>	2	3	10	7
<u>Males</u>	2	3	11	7
<u>Females</u>	2	3	8	7
<u>New Castle</u>	2	3	9	7
<u>Males</u>	2	3	10	7
<u>Females</u>	3	3	8	7
<u>Kent</u>	2	3	10	8
<u>Males</u>	2	3	12	8
<u>Females</u>	2	3	8	7
<u>Sussex</u>	2	3	11	8
<u>Males</u>	2	3	11	7
<u>Females</u>	3	4	11	9

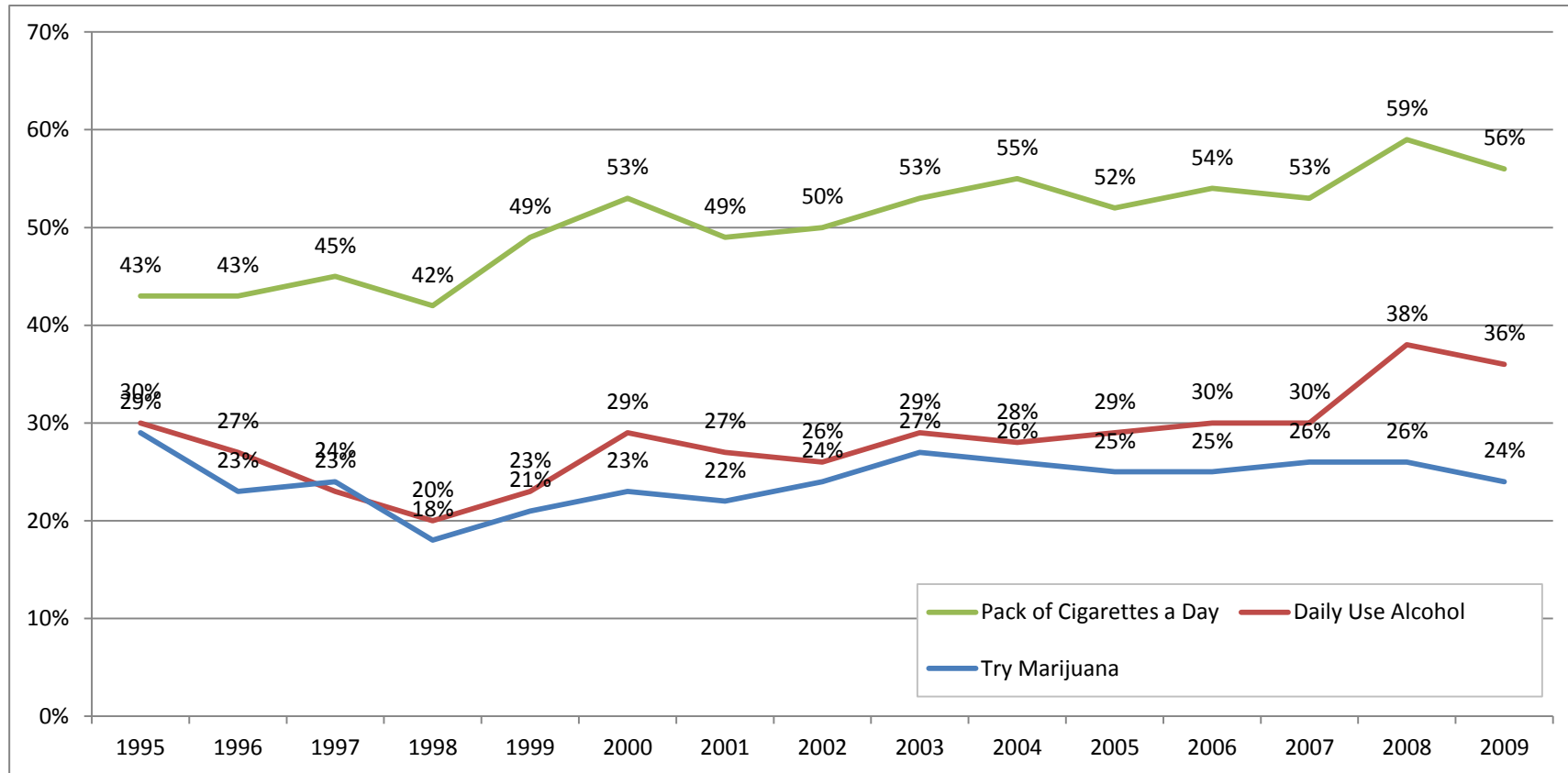


TRENDS IN DELAWARE FIFTH GRADERS' PERCEPTIONS OF "GREAT RISK" IN SUBSTANCE USE



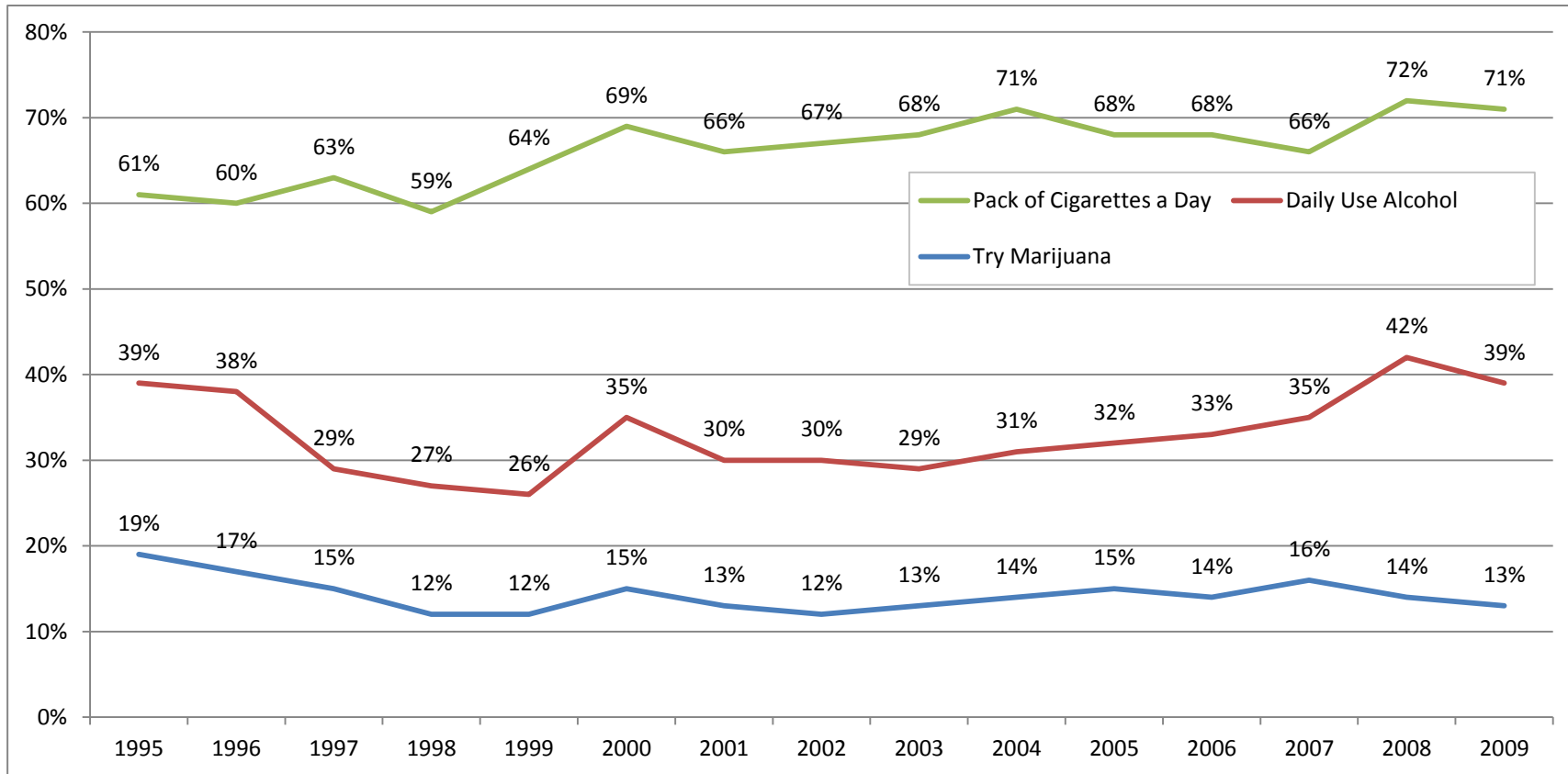
Note: Displayed percents are rounded to the nearest whole number. Bar charts may differ due to rounding error.
2009 Delaware School Survey, Center for Drug and Alcohol Studies, University of Delaware.

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



Note: Displayed percents are rounded to the nearest whole number. Bar charts may differ due to rounding error.
2009 Delaware School Survey, Center for Drug and Alcohol Studies, University of Delaware.

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



Note: Displayed percents are rounded to the nearest whole number. Bar charts may differ due to rounding error.
2009 Delaware School Survey, Center for Drug and Alcohol Studies, University of Delaware.

V School Environment

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

Trends in School Safety and Student Comportment 1997-Present

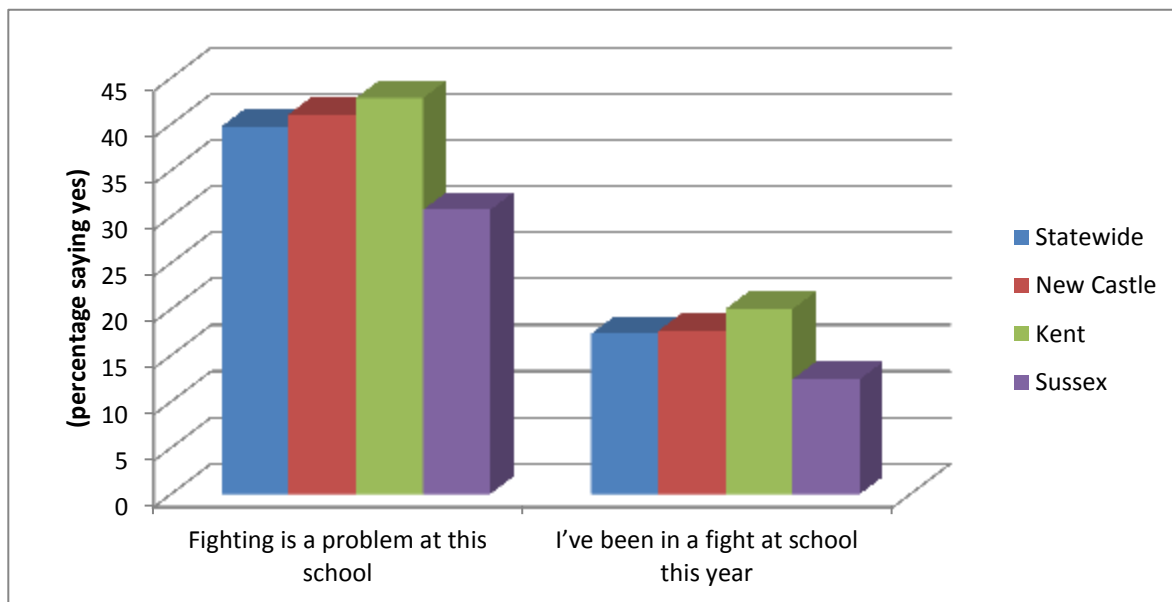
Use of Ritalin or Other Prescribed Psychoactive Medications to Improve Concentration at School by 5th, 8th, and 11th Graders

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

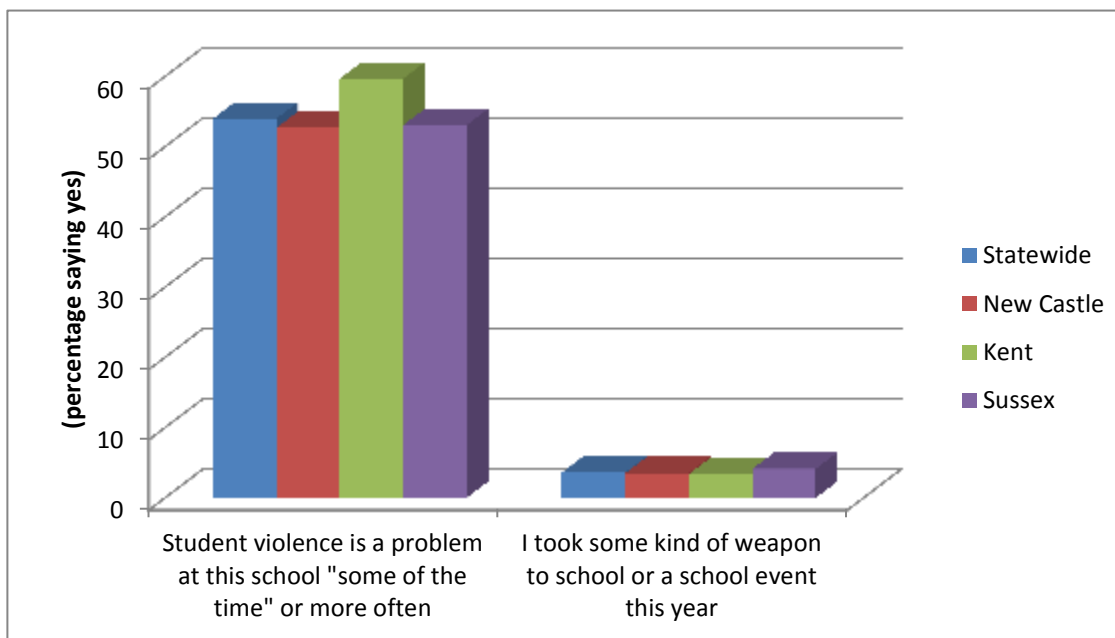
	Fighting is a problem at this school	I've been in a fight at school this year
<u>Statewide</u>	40	17
<u>Males</u>	41	23
<u>Females</u>	38	11
<u>New Castle</u>	41	18
<u>Males</u>	42	23
<u>Females</u>	40	12
<u>Kent</u>	43	20
<u>Males</u>	44	27
<u>Females</u>	41	13
<u>Sussex</u>	31	12
<u>Males</u>	32	18
<u>Females</u>	29	7



Note: Displayed percents are rounded to the nearest whole number. Bar charts may differ due to rounding error.
 2009 Delaware School Survey, Center for Drug and Alcohol Studies, University of Delaware.

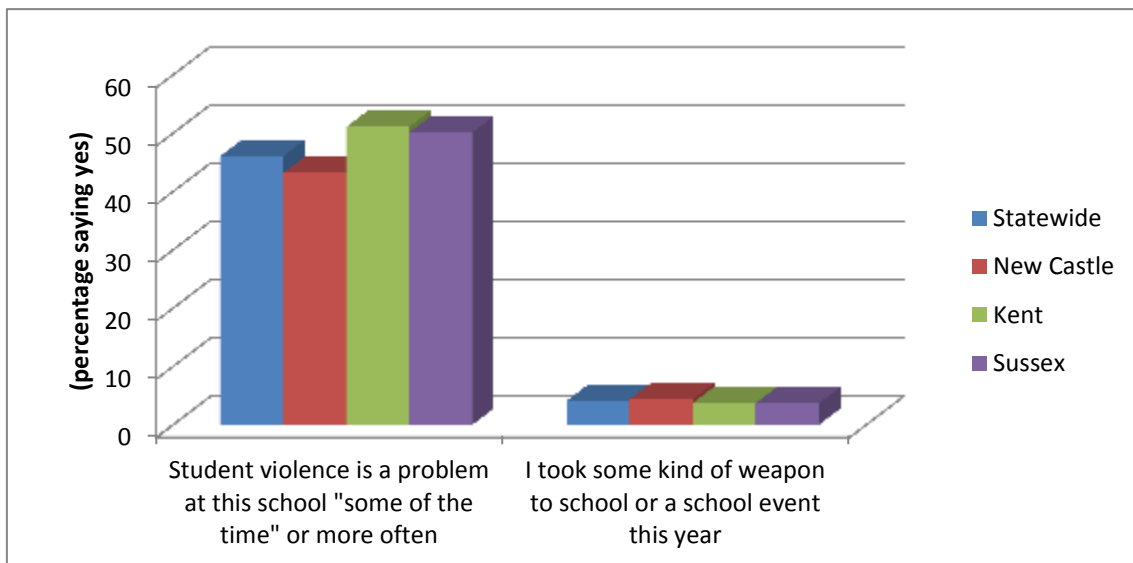
SCHOOL FIGHTING REPORTED BY DELAWARE EIGHTH GRADERS

	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	4
<u>Males</u>	54	5
<u>Females</u>	54	2
<u>New Castle</u>	53	4
<u>Males</u>	52	5
<u>Females</u>	53	2
<u>Kent</u>	60	3
<u>Males</u>	59	5
<u>Females</u>	61	2
<u>Sussex</u>	53	4
<u>Males</u>	54	7
<u>Females</u>	52	2



SCHOOL FIGHTING REPORTED BY DELAWARE ELEVENTH GRADERS

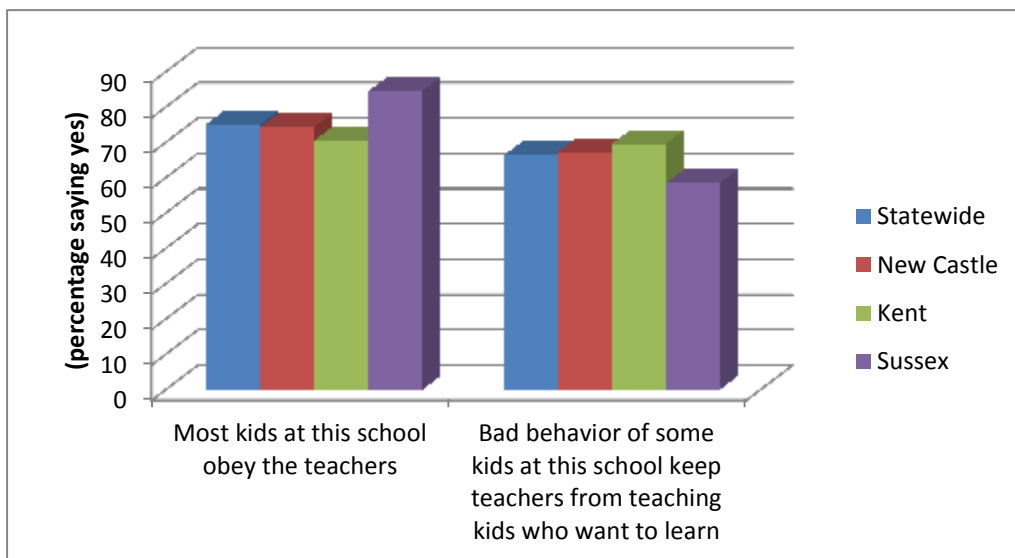
	Student violence is a problem at this school "some of the time" or more often	I took some kind of weapon to school or a school event this year
<u>Statewide</u>	46	4
<u>Males</u>	45	6
<u>Females</u>	47	2
<u>New Castle</u>	43	4
<u>Males</u>	42	6
<u>Females</u>	44	3
<u>Kent</u>	51	4
<u>Males</u>	50	6
<u>Females</u>	52	2
<u>Sussex</u>	50	4
<u>Males</u>	50	7
<u>Females</u>	50	1



Note: Displayed percents are rounded to the nearest whole number. Bar charts may differ due to rounding error.
 2009 Delaware School Survey, Center for Drug and Alcohol Studies, University of Delaware.

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

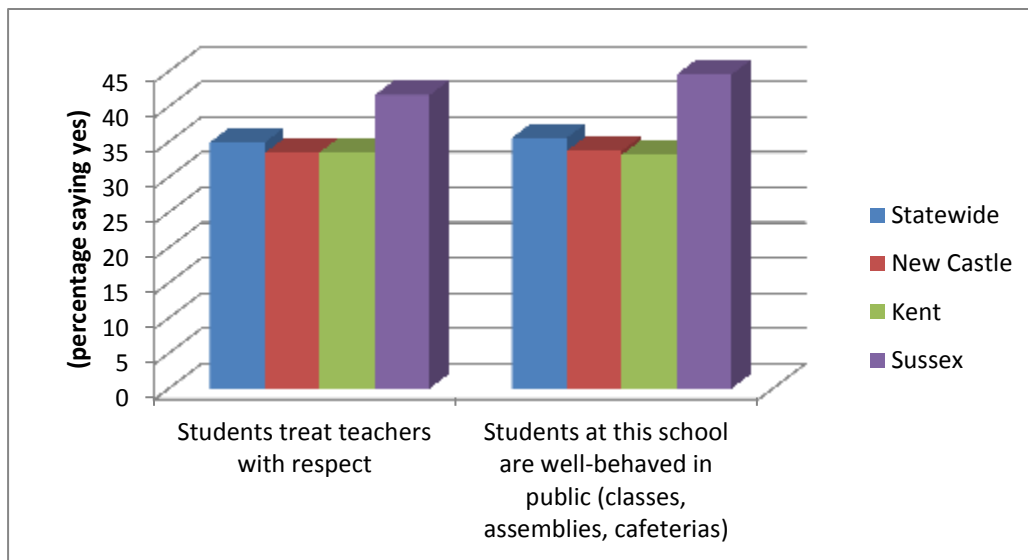
	Most kids at this school obey the teachers	Bad behavior of some kids at this school keep teachers from teaching kids who want to learn
<u>Statewide</u>	75	66
<u>Males</u>	75	68
<u>Females</u>	75	64
<u>New Castle</u>	74	67
<u>Males</u>	76	68
<u>Females</u>	73	66
<u>Kent</u>	71	70
<u>Males</u>	68	72
<u>Females</u>	73	67
<u>Sussex</u>	85	58
<u>Males</u>	84	61
<u>Females</u>	85	56



**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	35	36
<u>Males</u>	38	39
<u>Females</u>	32	33
New Castle	33	34
<u>Males</u>	37	37
<u>Females</u>	30	31
Kent	34	33
<u>Males</u>	35	36
<u>Females</u>	32	31
Sussex	42	45
<u>Males</u>	44	47
<u>Females</u>	39	42



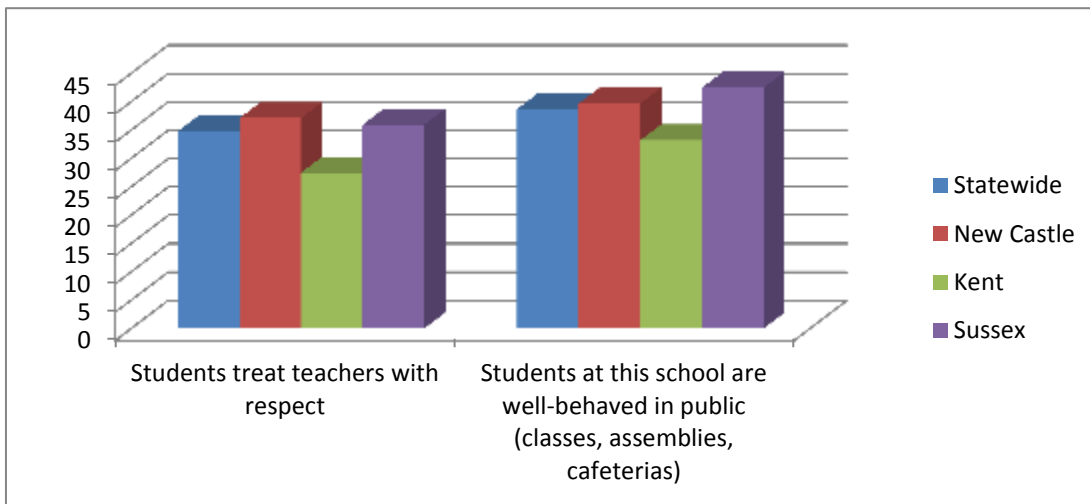
Response categories were:

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

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

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

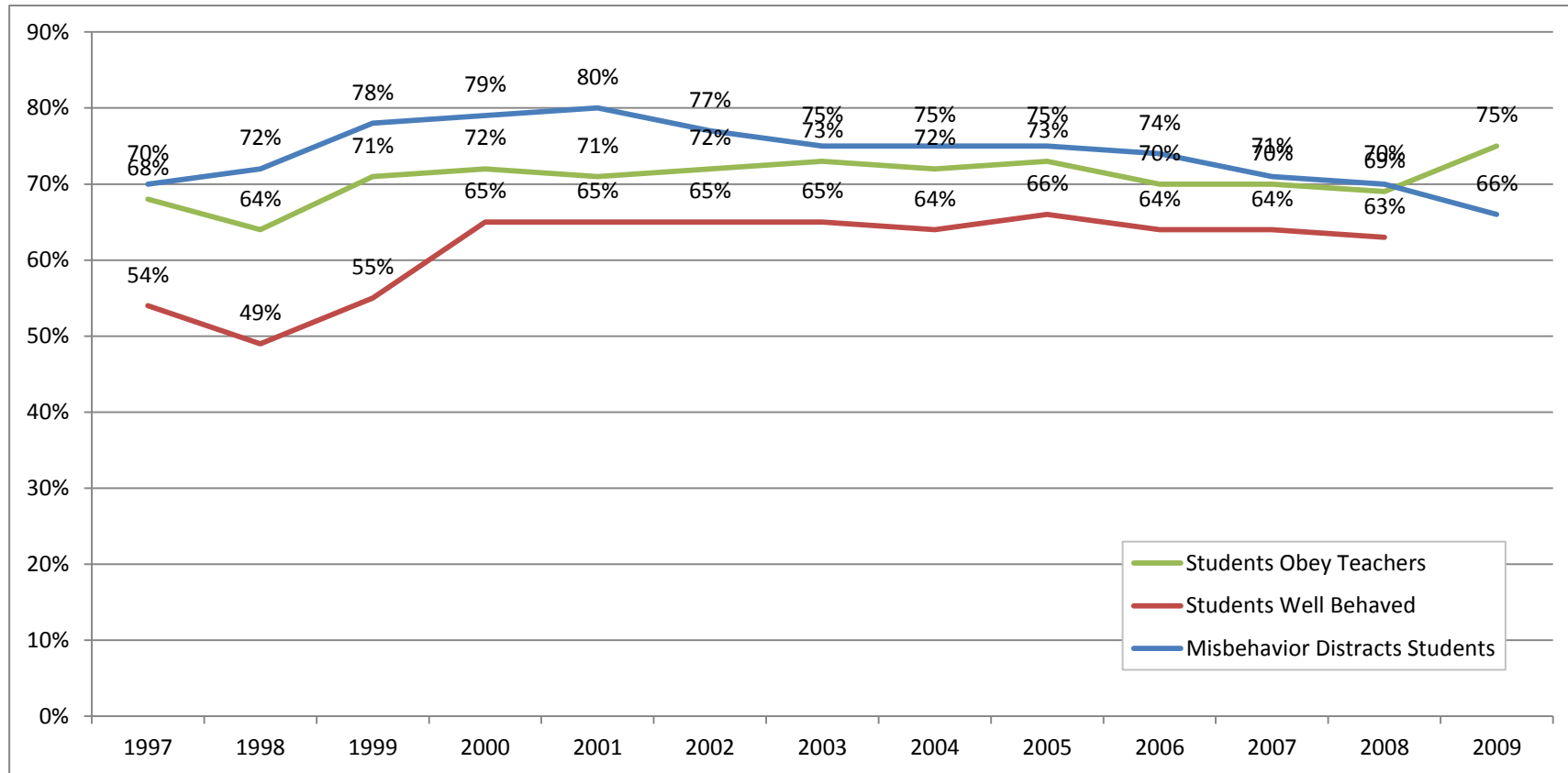
	Students treat teachers with respect	Students at this school are well-behaved in public (classes, assemblies, cafeterias)
<u>Statewide</u>	35	39
<u>Males</u>	38	40
<u>Females</u>	32	37
<u>New Castle</u>	37	40
<u>Males</u>	40	41
<u>Females</u>	35	38
<u>Kent</u>	27	33
<u>Males</u>	32	37
<u>Females</u>	24	30
<u>Sussex</u>	36	42
<u>Males</u>	37	42
<u>Females</u>	36	43



Response categories were:

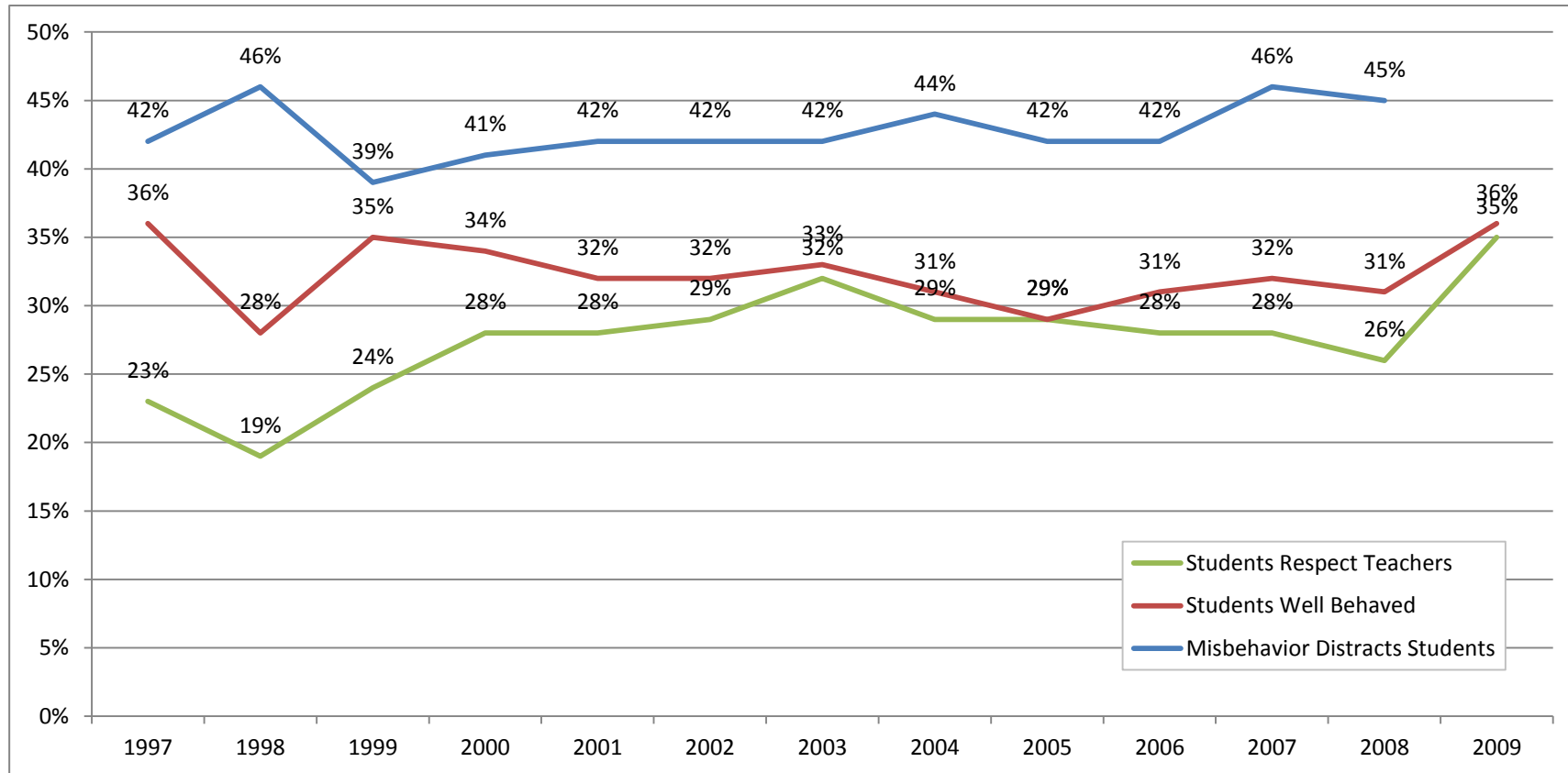
- most of the time
- often
- some of the time
- not often
- never

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



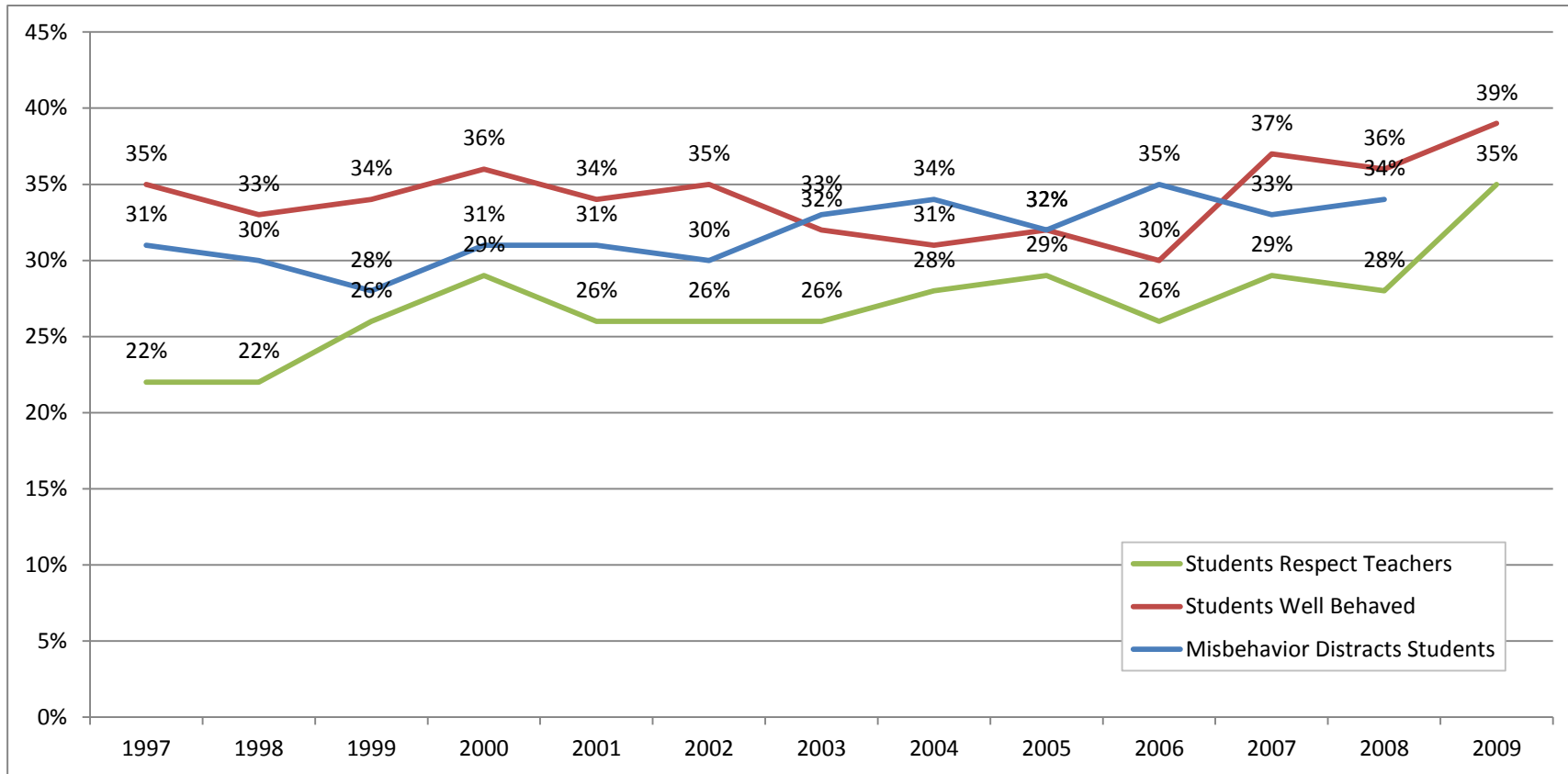
Note: Displayed percents are rounded to the nearest whole number. Bar charts may differ due to rounding error.
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TRENDS IN PERCEPTIONS OF STUDENT BEHAVIOR AMONG DELAWARE EIGHTH GRADERS 1997-Present



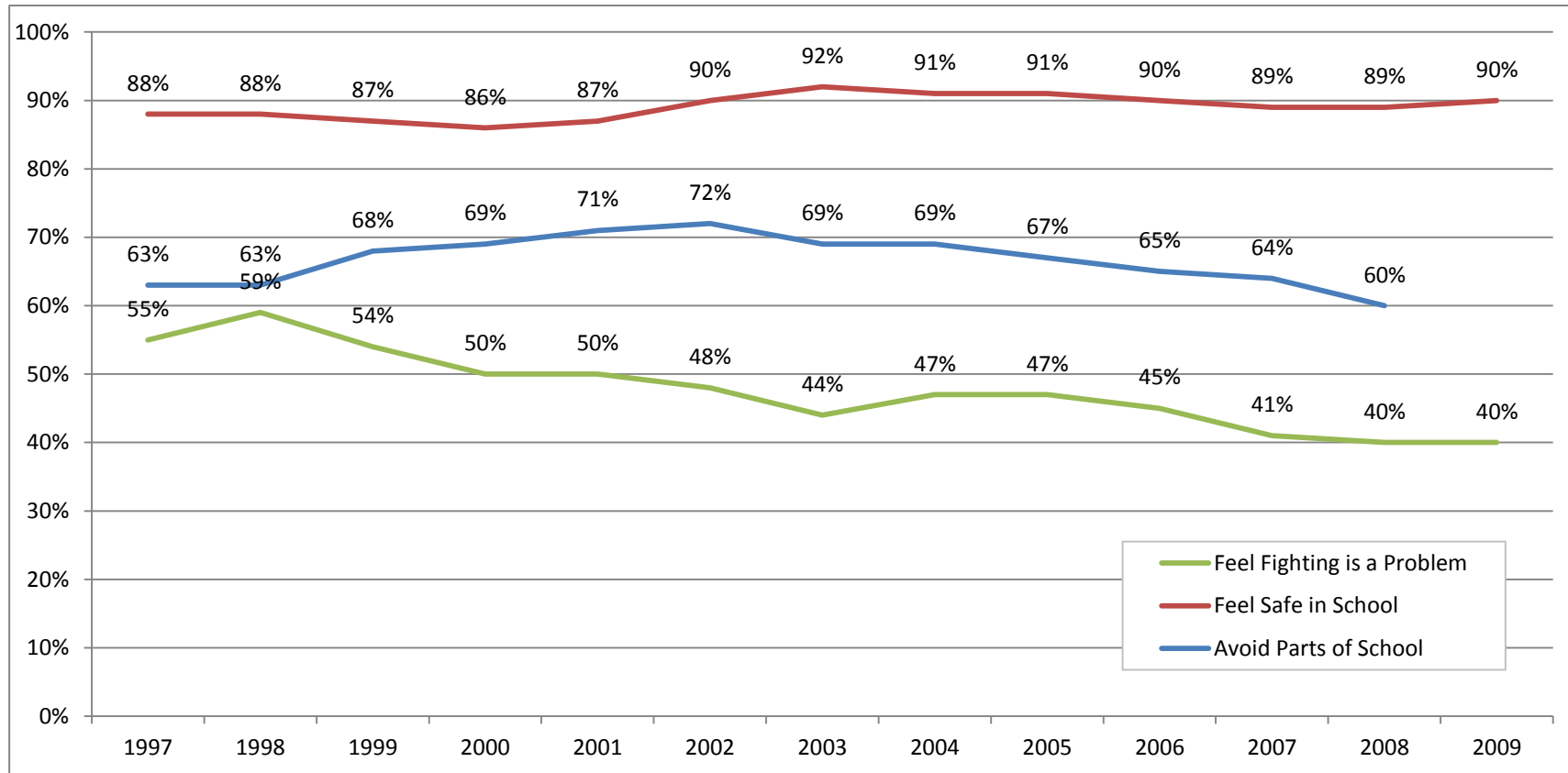
Note: Displayed percents are rounded to the nearest whole number. Bar charts may differ due to rounding error.
2009 Delaware School Survey, Center for Drug and Alcohol Studies, University of Delaware.

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



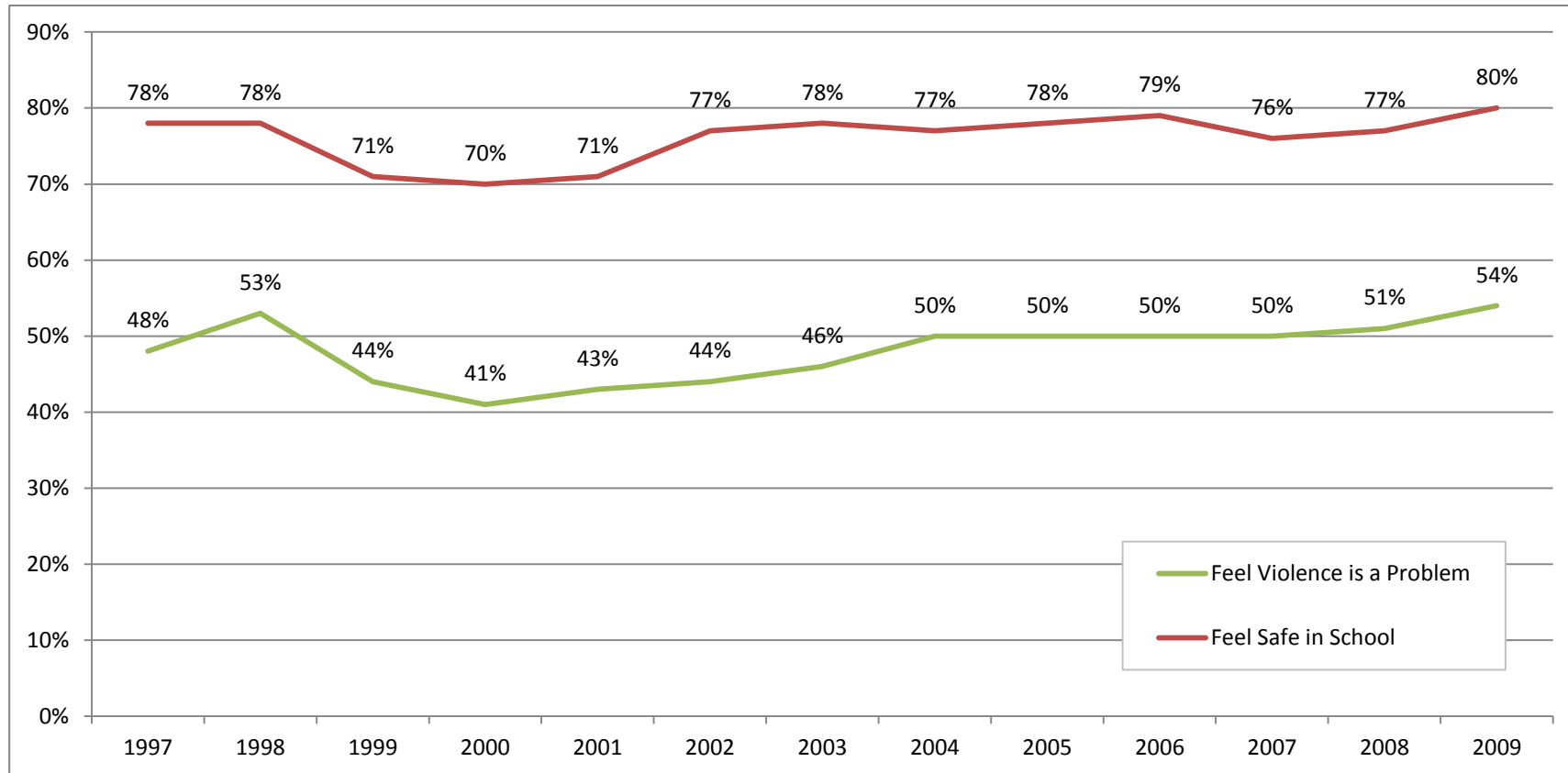
Note: Displayed percents are rounded to the nearest whole number. Bar charts may differ due to rounding error.
2009 Delaware School Survey, Center for Drug and Alcohol Studies, University of Delaware.

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



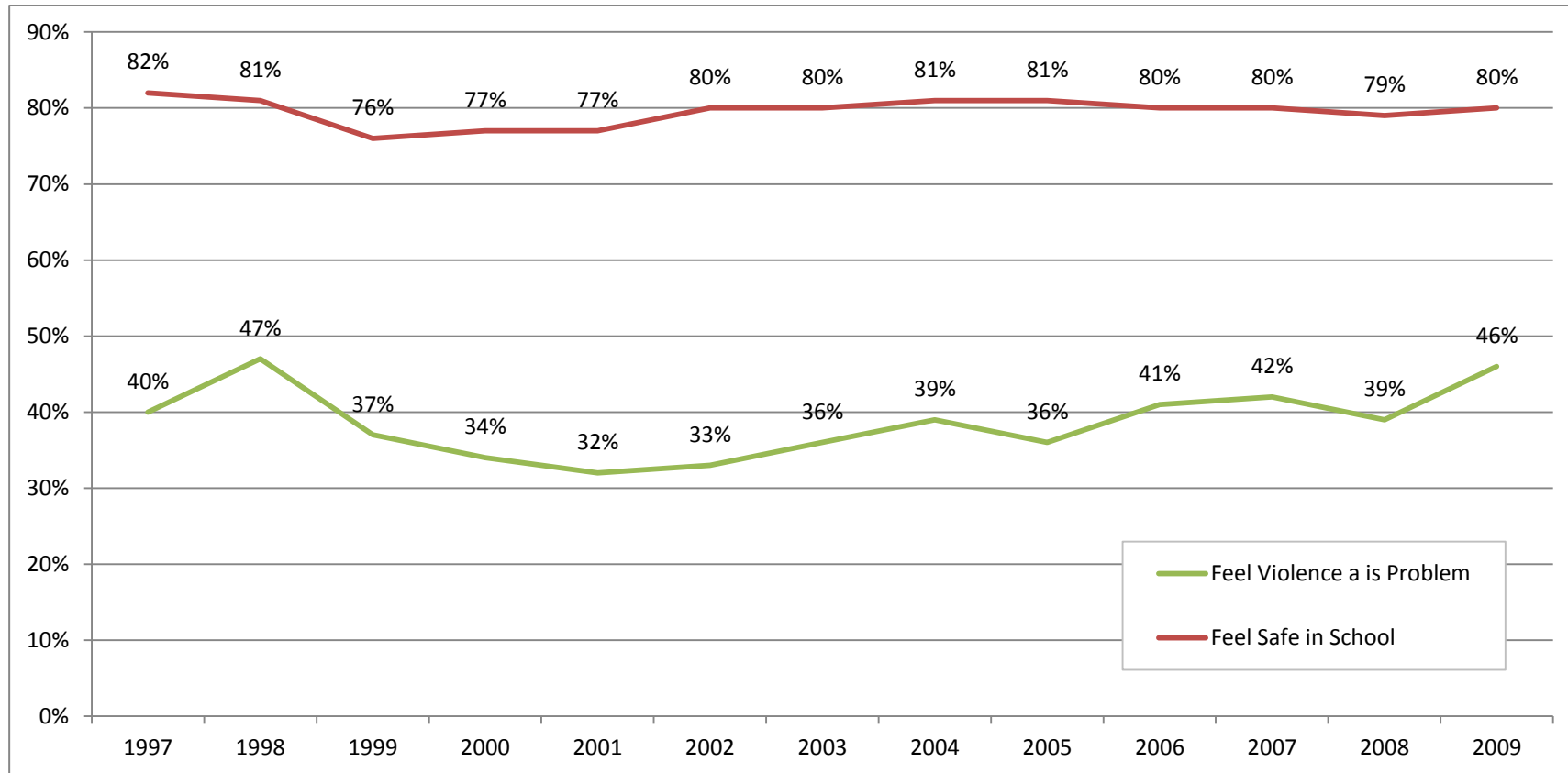
Note: Displayed percents are rounded to the nearest whole number. Bar charts may differ due to rounding error.
2009 Delaware School Survey, Center for Drug and Alcohol Studies, University of Delaware.

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



Note: Displayed percents are rounded to the nearest whole number. Bar charts may differ due to rounding error.
2009 Delaware School Survey, Center for Drug and Alcohol Studies, University of Delaware.

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

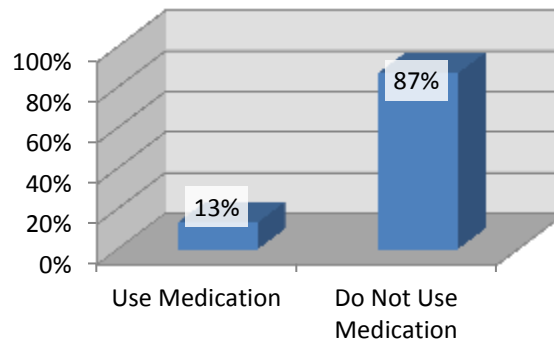


Note: Displayed percents are rounded to the nearest whole number. Bar charts may differ due to rounding error.
2009 Delaware School Survey, Center for Drug and Alcohol Studies, University of Delaware.

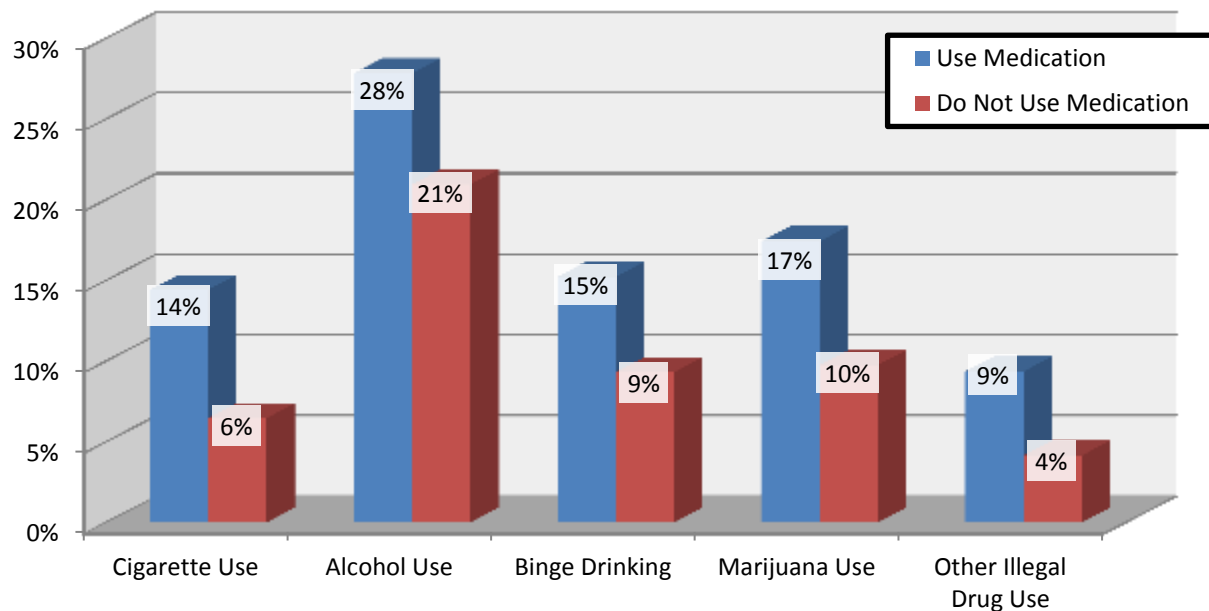
Ritalin/Psychoactive Medication and Other Drug Use Among Delaware Eighth Graders

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**



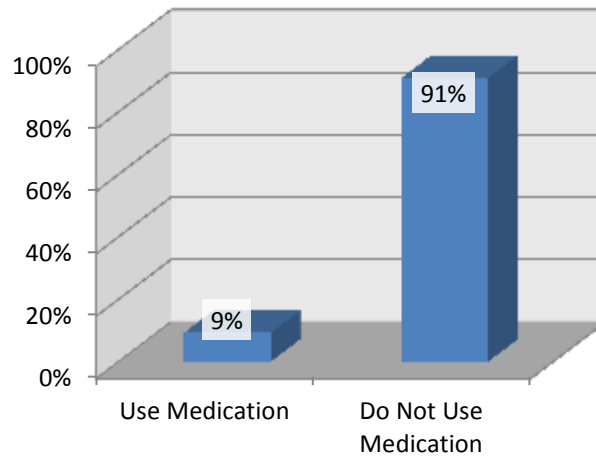
**Past Month Substance Abuse Among Delaware Eighth Graders
Who Use and Do Not Use Ritalin or Other Psychoactive
Medication**



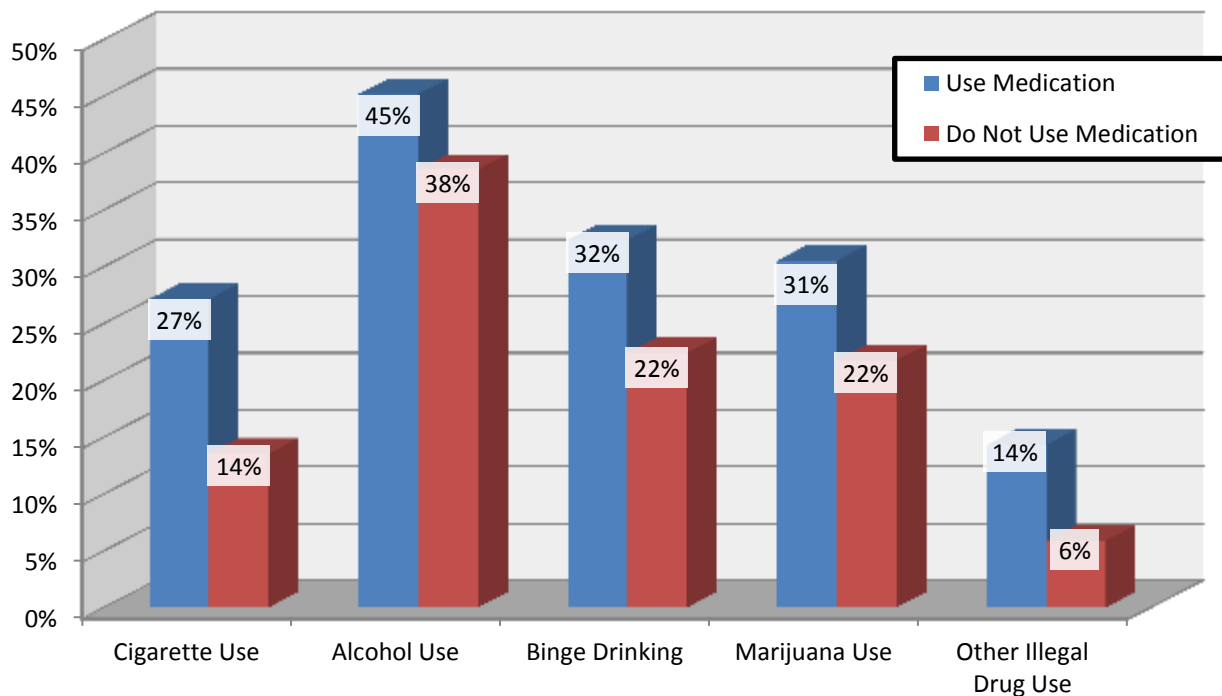
Ritalin/Psychoactive Medication and Other Drug Use Among Delaware Eleventh Graders

The table on the right shows that approximately one out of ten 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 ($p < .01$).

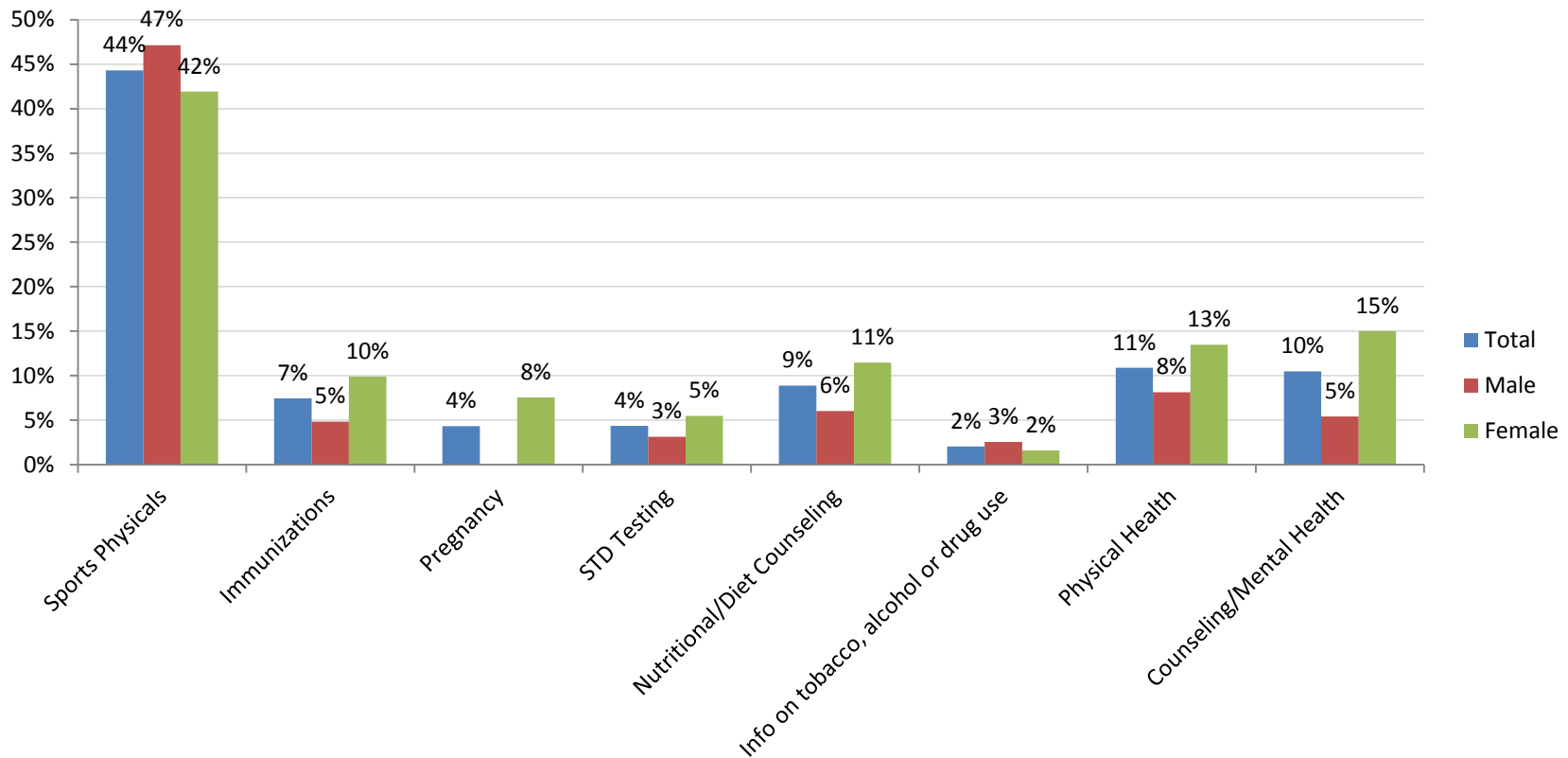
Percent of Delaware Eleventh Graders Who Use and Do Not Use Ritalin or Other Psychoactive Medication



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



PERCENTAGE OF DELAWARE ELEVENTH GRADERS REPORTING WELLNESS CENTER USE



Note: Displayed percents are rounded to the nearest whole number. Bar charts may differ due to rounding error.
 2009 Delaware School Survey, Center for Drug and Alcohol Studies, University of Delaware.

V Other Risk Behaviors and Consequences

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

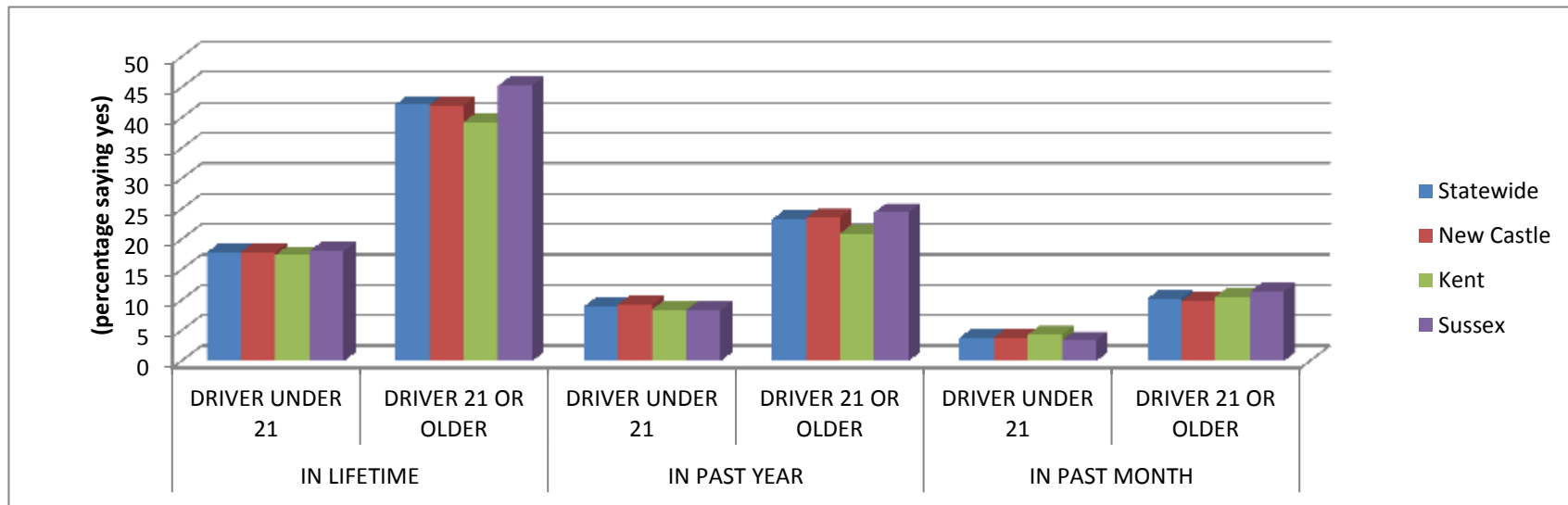
Trends over Time in Report of Past Month Drinking and Driving and of Past Month Marijuana Use and Driving, 1989-Present 11th Graders

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

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

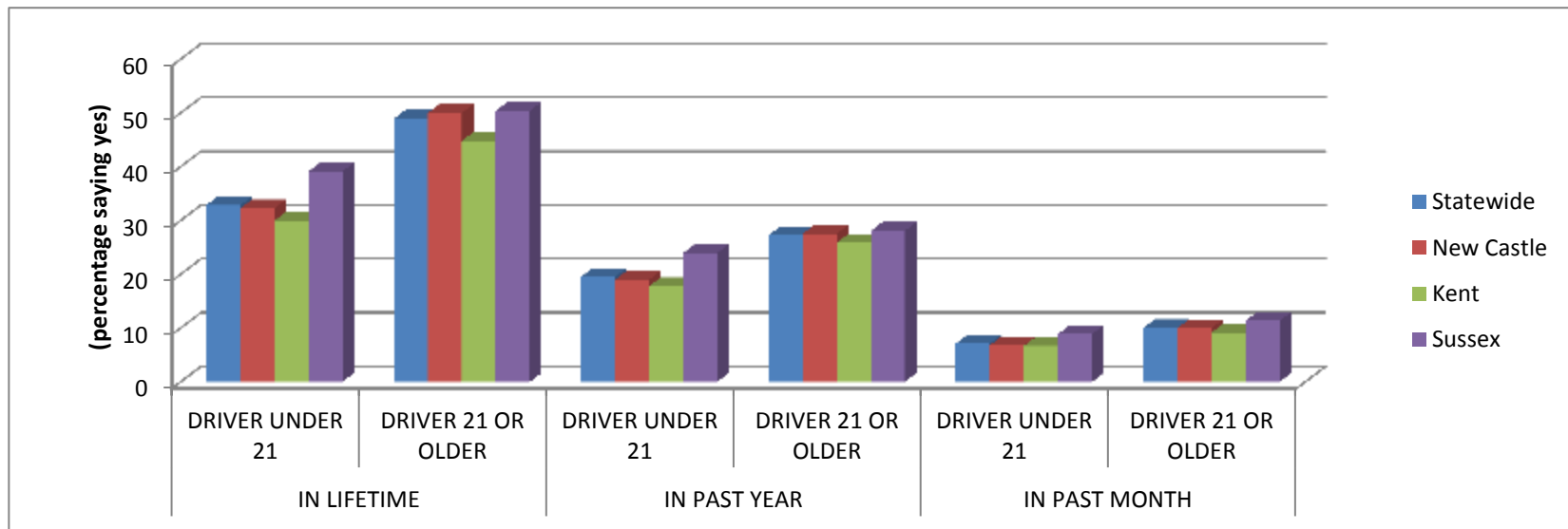
	IN LIFETIME		IN PAST YEAR		IN PAST MONTH	
	DRIVER UNDER 21	DRIVER 21 OR OLDER	DRIVER UNDER 21	DRIVER 21 OR OLDER	DRIVER UNDER 21	DRIVER 21 OR OLDER
<u>Statewide</u>	18	42	9	23	4	10
<u>Males</u>	17	40	9	22	4	10
<u>Females</u>	18	45	9	24	4	10
<u>New Castle</u>	18	42	9	24	4	10
<u>Males</u>	17	39	9	22	4	10
<u>Females</u>	19	45	9	24	4	10
<u>Kent</u>	17	39	8	21	4	11
<u>Males</u>	17	36	8	19	4	11
<u>Females</u>	18	43	9	22	5	11
<u>Sussex</u>	18	45	8	24	3	11
<u>Males</u>	18	45	8	23	3	11
<u>Females</u>	18	46	9	26	3	12



Note: Displayed percents are rounded to the nearest whole number. Bar charts may differ due to rounding error.
 2009 Delaware School Survey, Center for Drug and Alcohol Studies, University of Delaware.

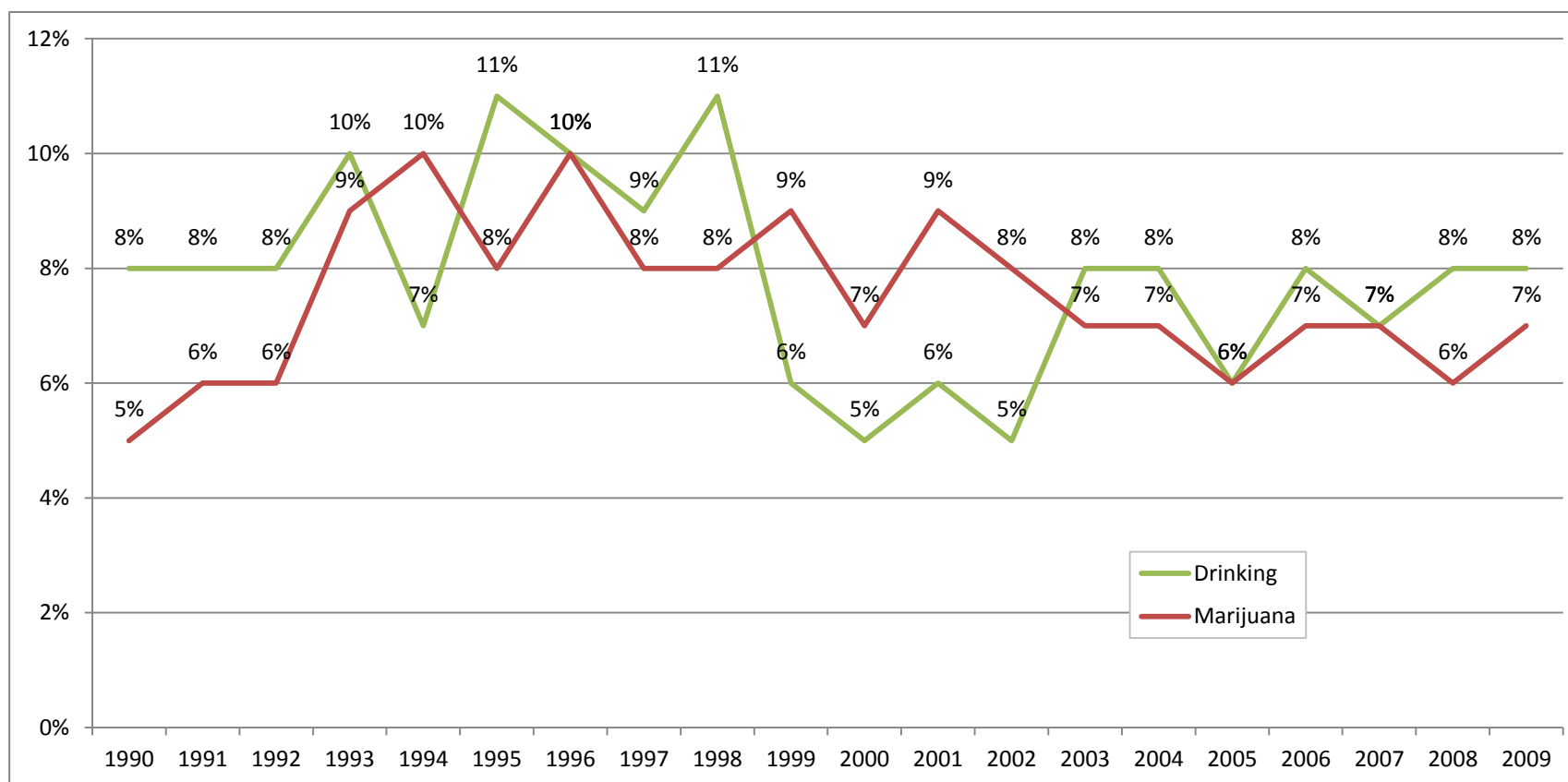
DELAWARE ELEVENTH GRADERS' REPORTS OF RIDING IN A CAR WITH A DRINKING DRIVER

	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	33	49	20	27	7	10
Males	32	49	20	28	8	11
Females	33	49	19	26	6	9
New Castle	32	50	19	28	7	10
Males	32	49	20	28	8	11
Females	32	51	17	27	6	9
Kent	30	45	18	26	7	9
Males	29	45	19	24	7	9
Females	31	45	17	27	6	9
Sussex	39	50	24	28	9	11
Males	37	52	23	32	10	14
Females	41	49	25	25	8	9



Note: Displayed percents are rounded to the nearest whole number. Bar charts may differ due to rounding error.
2009 Delaware School Survey, Center for Drug and Alcohol Studies, University of Delaware.

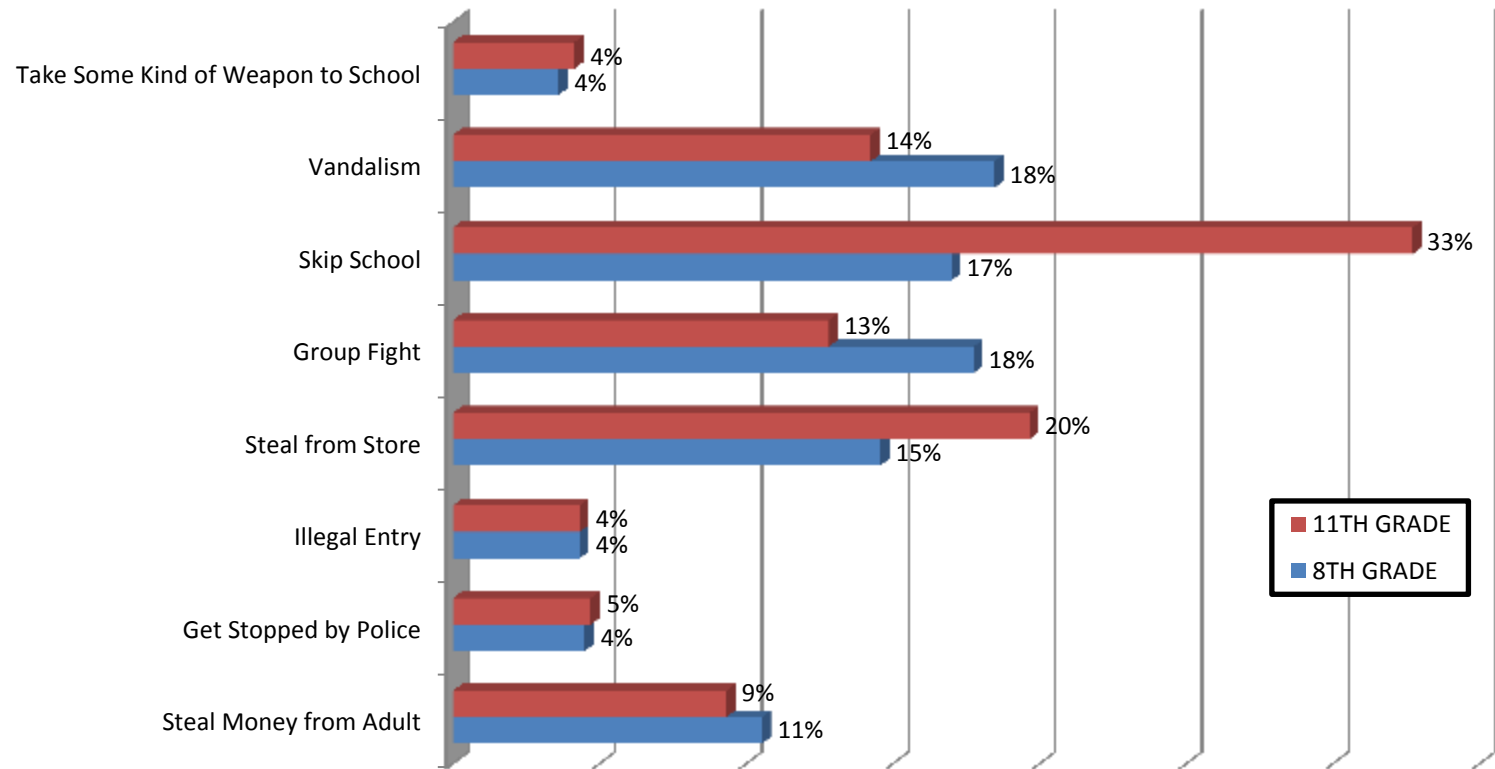
TRENDS IN DELAWARE ELEVENTH GRADERS' REPORT OF DRINKING AND DRIVING AND REPORT OF SMOKING MARIJUANA AND DRIVING, 1990-Present



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).

PAST YEAR DELINQUENT BEHAVIOR REPORTED BY DELAWARE EIGHTH AND ELEVENTH GRADERS



Note: Displayed percents are rounded to the nearest whole number. Bar charts may differ due to rounding error.
2009 Delaware School Survey, Center for Drug and Alcohol Studies, University of Delaware.

VII. Parental Involvement and Students' Substance Use

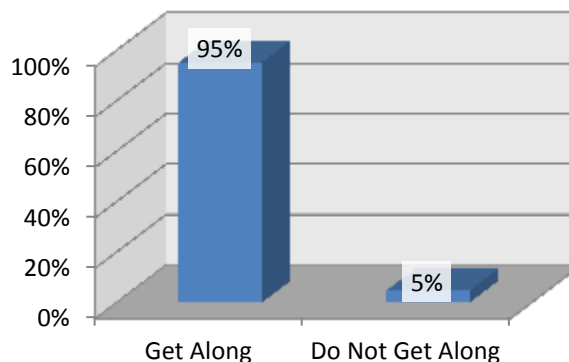
Get Along with Parents, Argue with Parents,
Talk to Parents, Parents Volunteer at School,
and Students' Drug Use

Household Members' Smoking and Students'
Drug Use

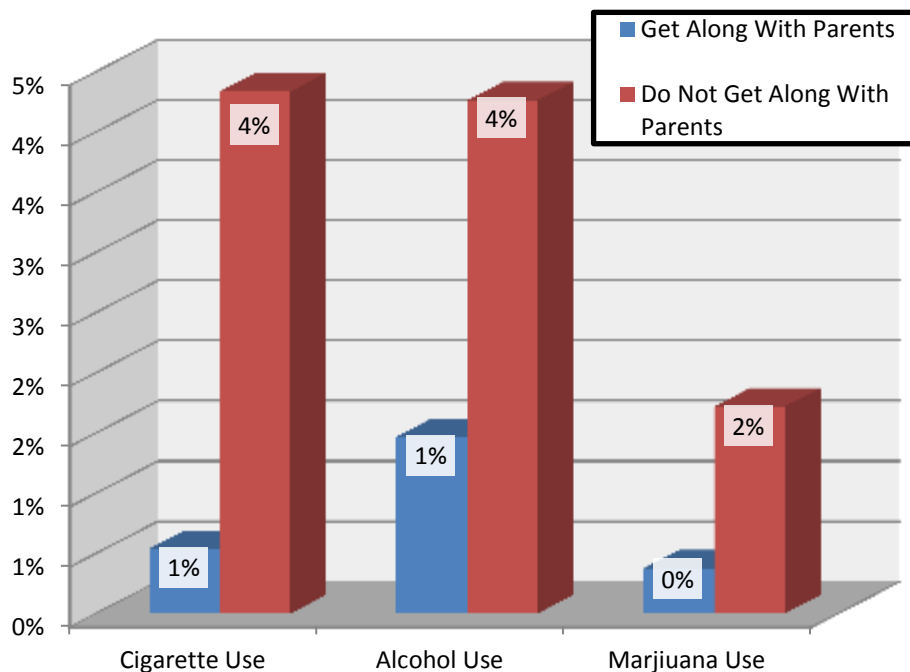
Past Month Substance Abuse Among Delaware Fifth Graders by Getting Along With Parents

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



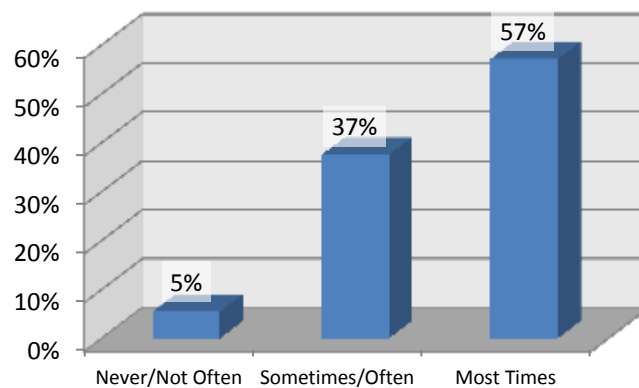
Past Month Substance Abuse Among Delaware Fifth Graders Reporting Getting Along Well With Parents



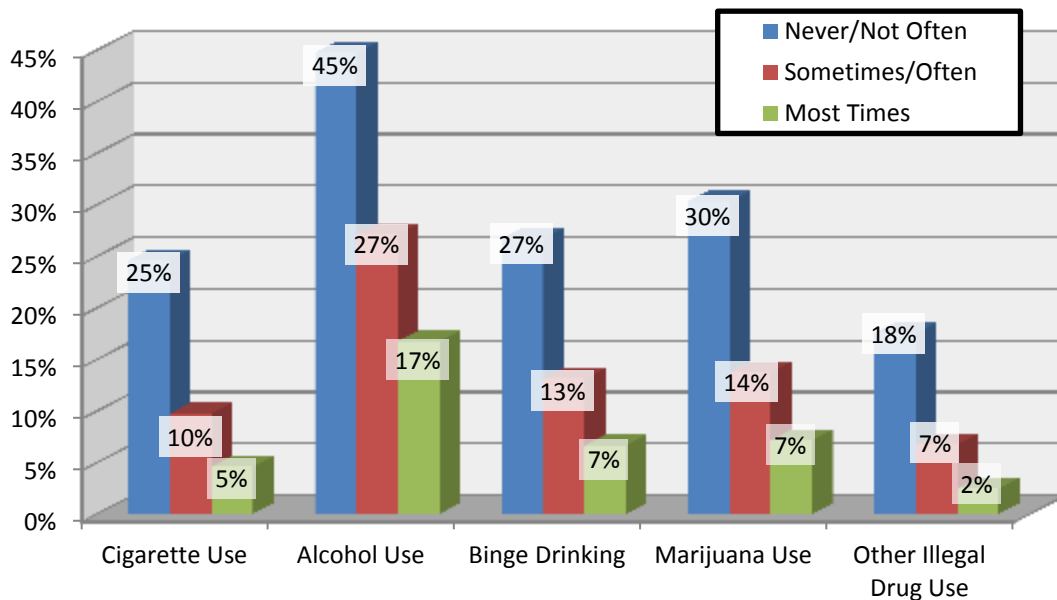
Past Month Substance Abuse Among Delaware Eighth Graders by Getting Along With Parents

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



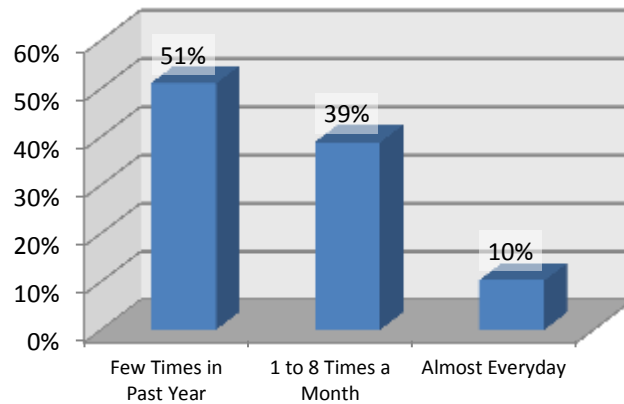
Past Month Substance Abuse Among Delaware Eighth Graders by Getting Along Well With Parents



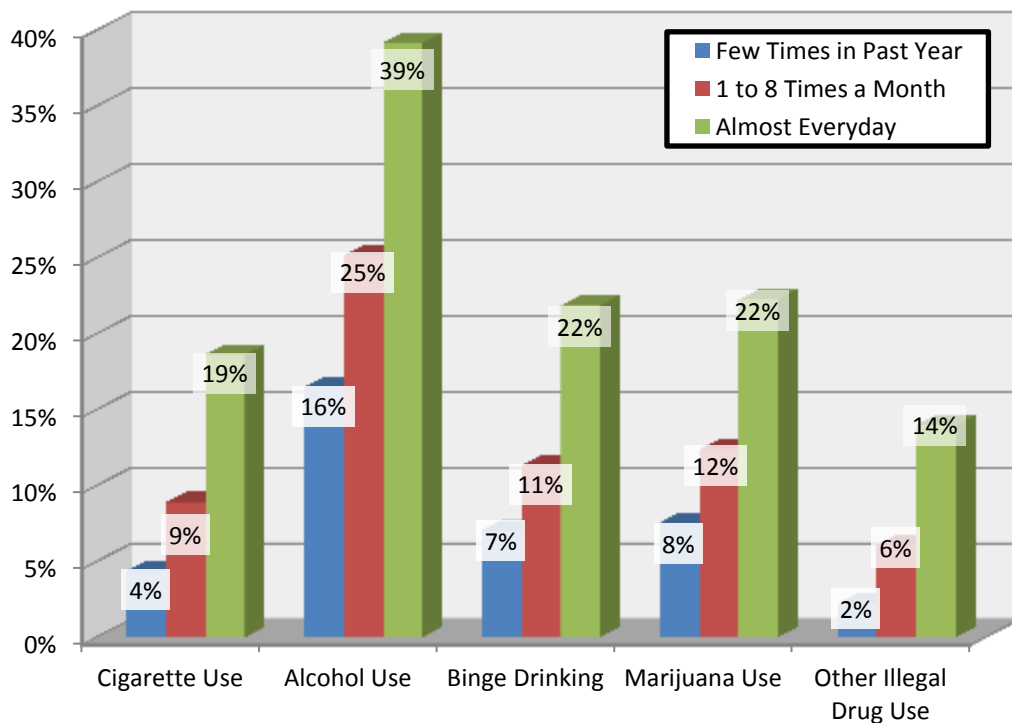
Past Month Substance Abuse Among Delaware Eighth Graders by Fighting/Arguing With Parents

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



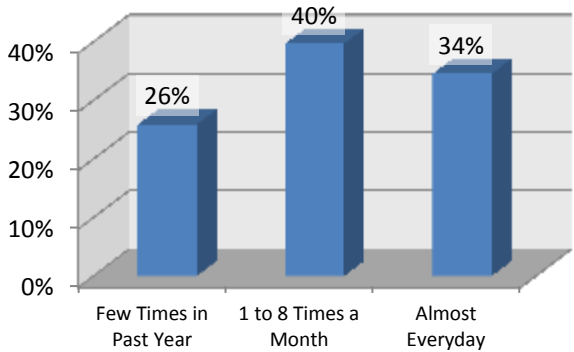
Past Month Substance Abuse Among Delaware Eighth Graders by Arguing or Fighting With Parents



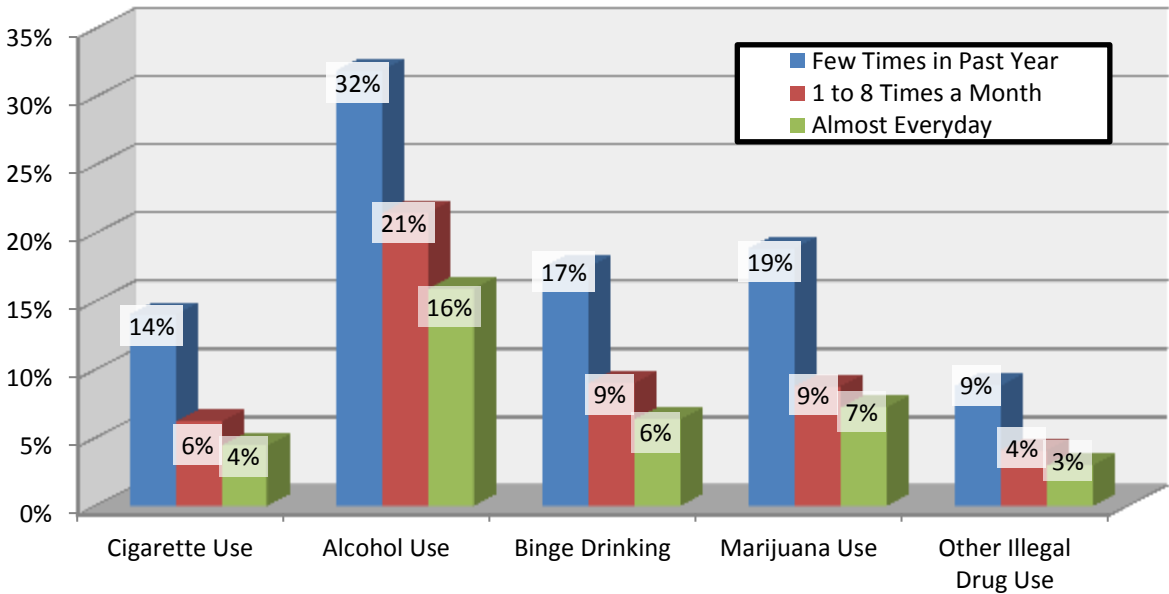
Past Month Substance Abuse Among Delaware Eighth Graders by Talking With Parents About School

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

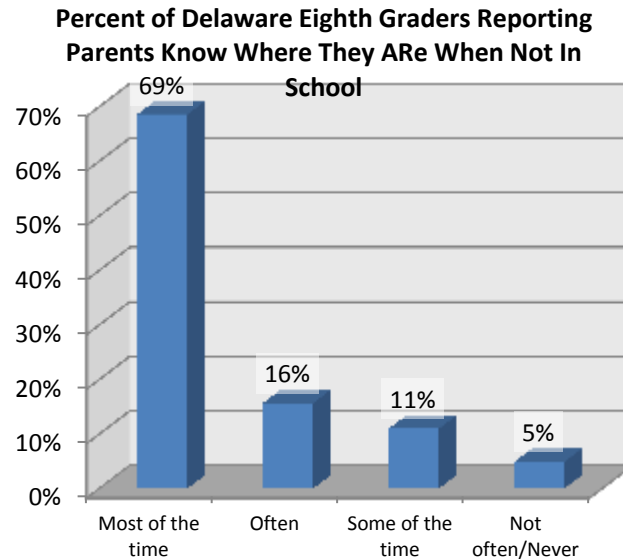


Past Month Substance Abuse Among Delaware Eighth Graders by Talking With Parent About School

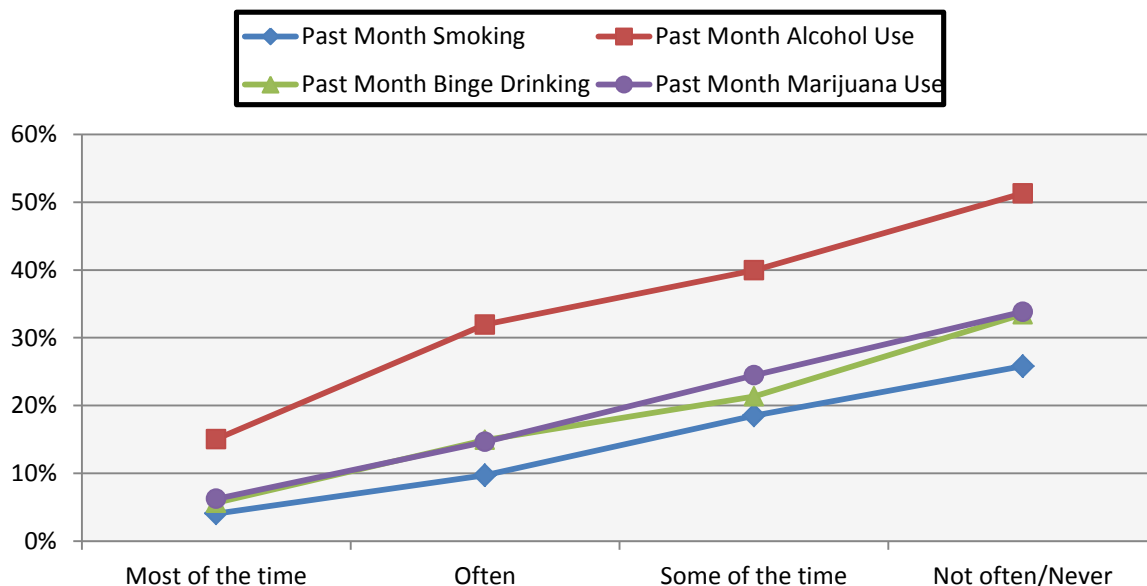


Past Month Substance Abuse Among Delaware Eighth Graders Reporting Parents Know Where They Are When Not In School

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.



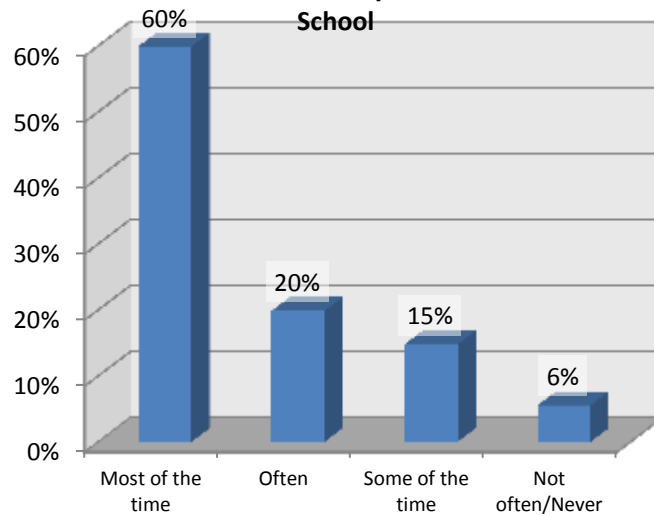
Past Month Substance Abuse Among 2009 Delaware Eighth Graders Reporting Parents Know Where They Are When They Are Not In School



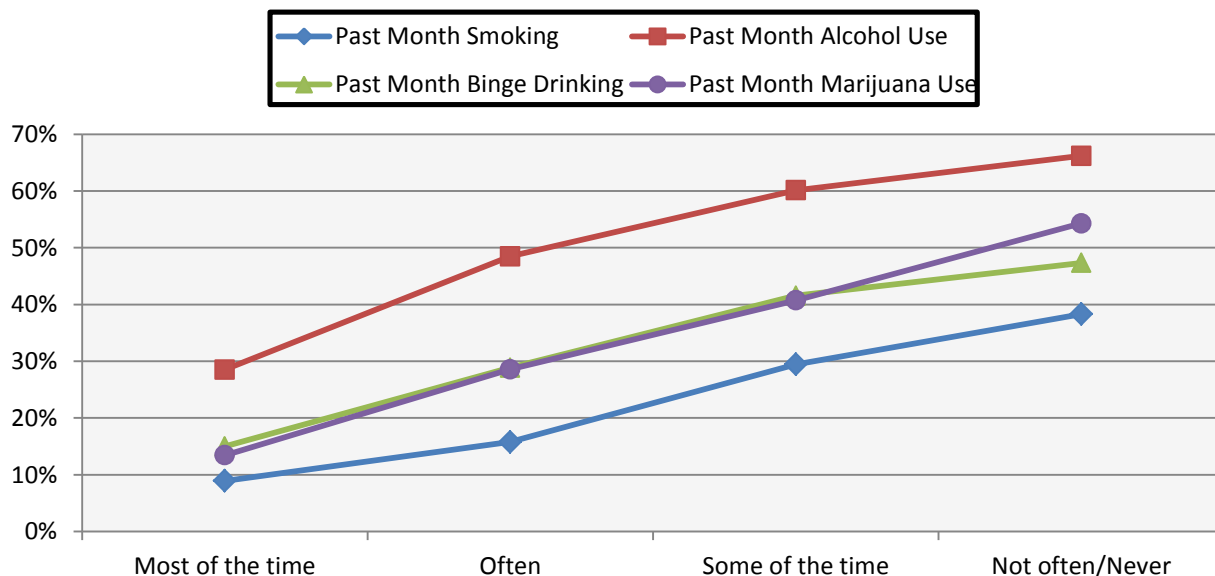
Past Month Substance Abuse Among Delaware Eighth Graders Reporting Parents Know Where They Are When Not In School

The table on the right shows that 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



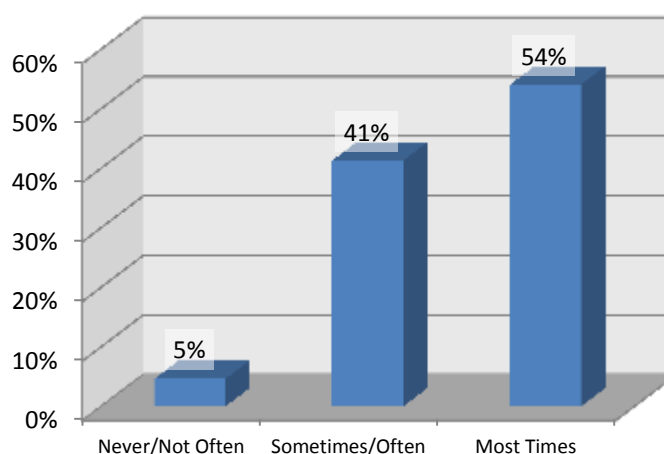
Past Month Substance Abuse Among Delaware Eleventh Graders Reporting Parents Know Where They Are When They Are Not In School



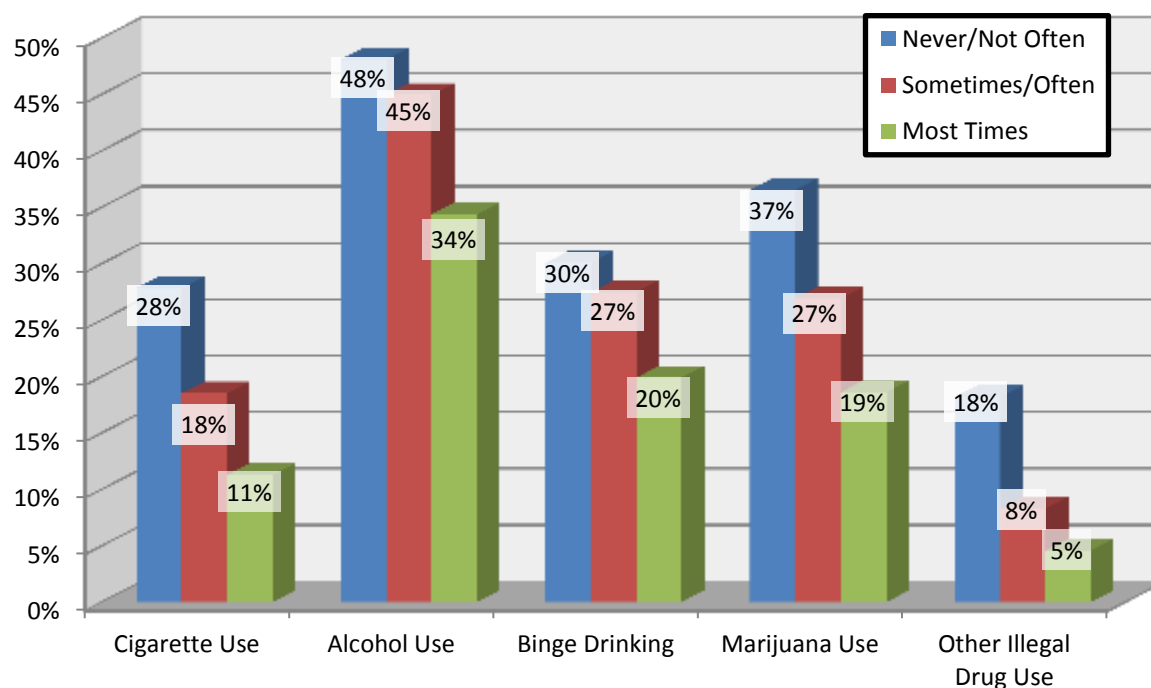
Past Month Substance Abuse Among Delaware Eleventh Graders by Getting Along With Parents

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.



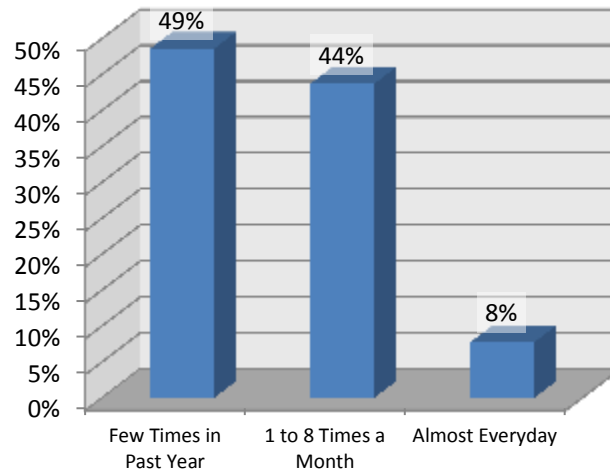
Past Month Substance Abuse Among Delaware Eleventh Graders by Getting Along Well With Parents



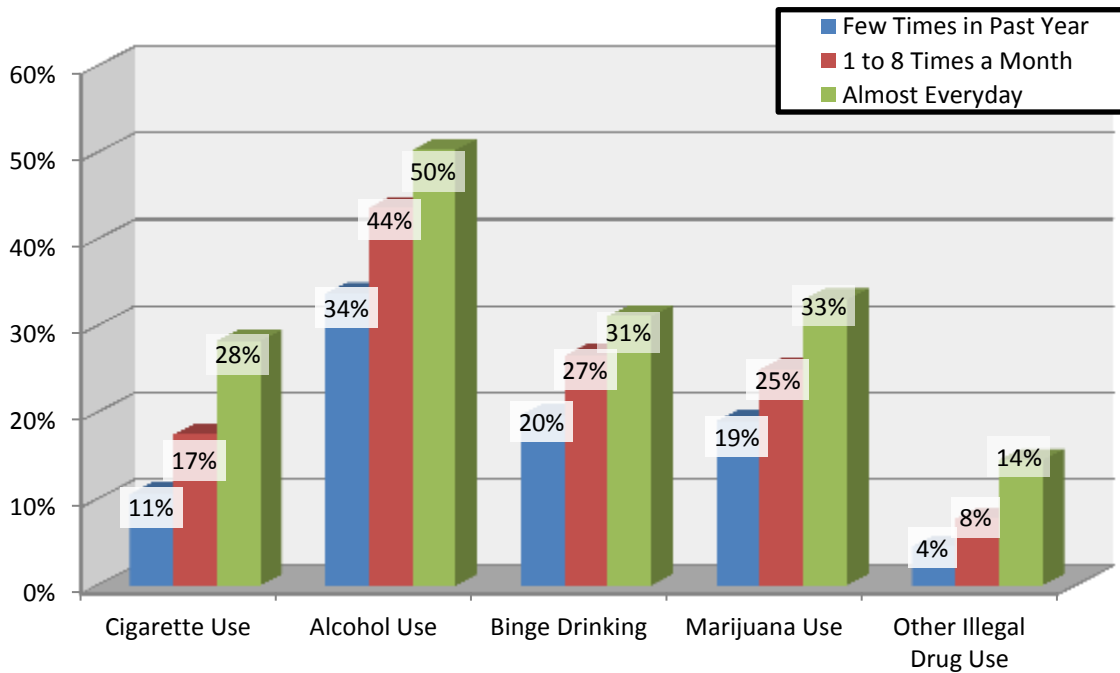
Past Month Substance Abuse Among Delaware Eighth Graders by Fighting/Arguing With Parents

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



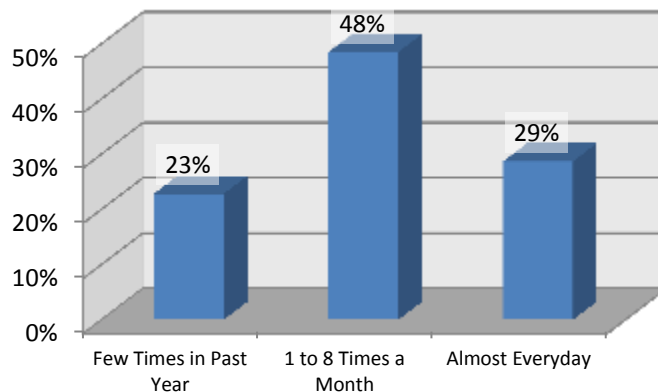
Past Month Substance Abuse Among Delaware Eighth Graders by Arguing or Fighting With Parents



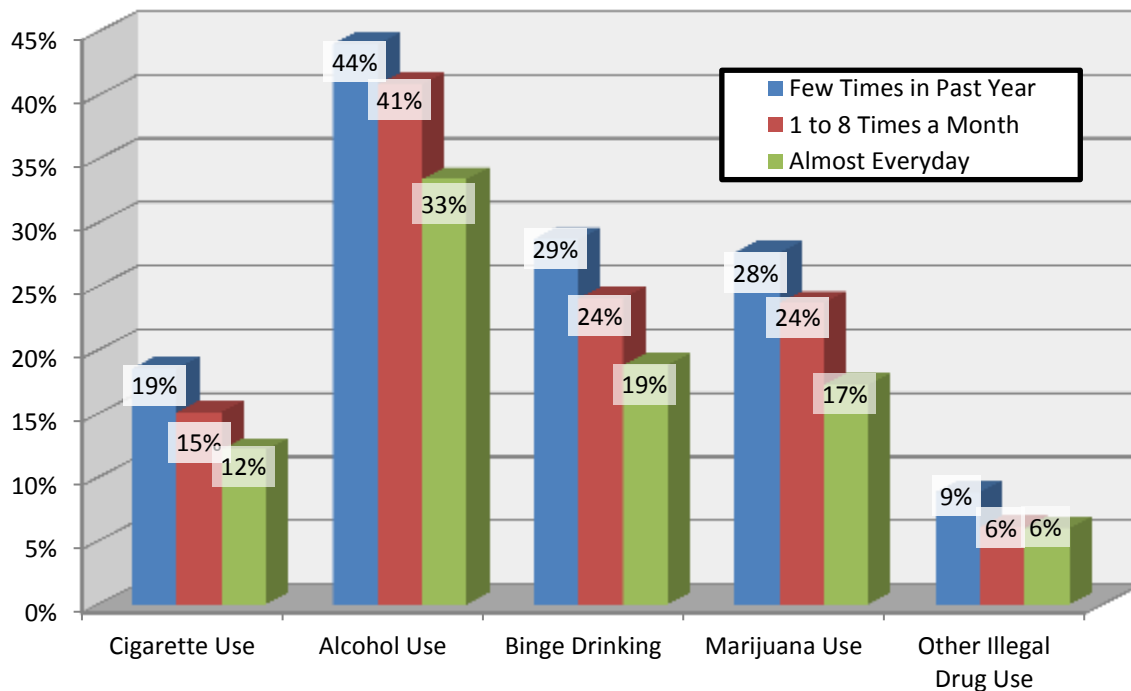
Past Month Substance Abuse Among Delaware Eleventh Graders by Talking With Parents About School

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



VIII.

How Does 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>
2009 8 th Grade Delaware	12	8	40	22	18	11
2008 8 th Grade MTF	*	7	32	16	11	6
2008 8 th Grade Delaware	12	8	41	23	18	10

Note: * Indicates that no estimate is available.

Source: 2008 Monitoring the Future Study (MTF), University of Michigan;
2008- 2009 Delaware School Survey, Center for Drug and Alcohol Studies, University of Delaware.

**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>
2009 11 th Grade Delaware	20	15	66	39	37	23
2008 12 th Grade MTF	*	20	66	43	32	19
2008 11 th Grade Delaware	21	16	66	41	36	22
2007 9 th –12 th Grade YRBS- Delaware	*	22	*	45	*	25

Note: *Indicates that no estimate is available.

Source: 2008 Monitoring the Future Study (MTF), University of Michigan; 2007 Youth Risk Behavior Surveillance Survey (YRBS), Centers for Disease Control; 2008- 2009 Delaware Students Survey, Center for Drug and Alcohol Studies, University of Delaware.

Note: Displayed percents are rounded to the nearest whole number. Bar charts may differ due to rounding error.
2009 Delaware School Survey, Center for Drug and Alcohol Studies, University of Delaware.