# Alcohol, Tobacco & Other Drug Abuse Among Delaware Students 2019

### **REPORT TO:**

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

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Prepared by the Center for Drug & Health 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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### DELAWARE SCHOOL SURVEYS OVERVIEW

### The purpose of the Delaware School Survey:

- Providing estimates of students' use/abuse of alcohol, tobacco and other drugs -- the incidence and prevalence of use as well as patterns of consumption, corollary behaviors and attitudes and consequences;
- Providing ongoing trend data- for purposes of reporting to state and federal agencies, schools and school districts and local organizations for assessment, planning, and funding purposes.

### The History of the Delaware School Survey:

From 1989 through 1994, the Delaware School 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 Health 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), 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. 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 Current Survey:

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, administered by University of Delaware personnel, rather than by teachers, to help increase students' perceptions that the results were not seen by school personnel. Parents are informed about the survey and given the opportunity to decide if their child should or should not participate. Students also get to choose whether they participate or not. Only a very small number of parents or students choose not to participate. All consent and administration procedures, as well as the survey questions, are reviewed annually and approved by the University of Delaware's Institutional Review Board. The number of completed interviews, 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	EIGHTH GRADE	ELEVENTH GRADE
	(N= 5,243)	(N= 4,678)	(N= 3,909)
GENDER (%)			
Males	52	51	50
Females	48	49	50
ETHNICITY (%)			
White Non-Hispanic	34	46	50
Black Non-Hispanic	24	19	22
Hispanic/Latino	26	28	23
Other	16	7	4
COUNTY (Ns)			
New Castle	2,622	2,339	1,954
Kent	1,320	1,170	990
Sussex	1,301	1,169	965

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 Hispanic.

Each of our samples since 1999 allows for statewide and countywide estimates that have much greater reliability and smaller confidence intervals than were available in previous years.

The cooperation and assistance of the schools and school district offices has been essential to completing the survey, and we are very grateful for their help. 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 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. Data from this year's survey are being used for Federal reporting requirements to the Office of National Drug Control Policy, 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.

1. Trends in Past Month or Regular Drug Use in Delaware, 1990-2018

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

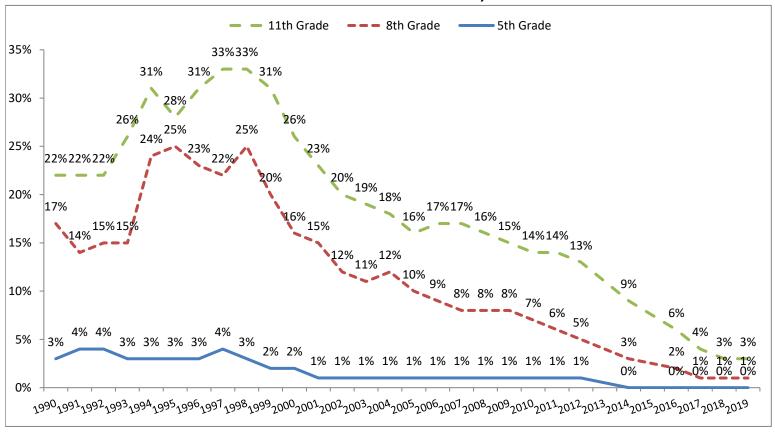
Inhalant, Hallucinogen, Stimulant, Cocaine, Heroin, Ecstasy, and Prescription Drug Use Among 8th Graders

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\*, 1990 - 2019



### Notes:

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

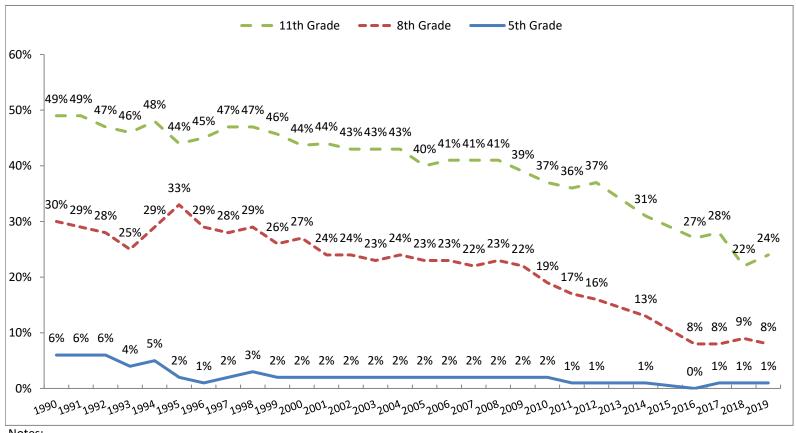
Displayed percentiles are rounded to the nearest whole number.

These statistics contribute to the National Outcome Measures (NOMs)

### Sources:

Data Base/DiagnosticsPlus (1989-1993); Department of Public Instruction (1994)

### TRENDS IN DELAWARE STUDENTS' ALCOHOL USE BY GRADE **SELF-REPORTED REGULAR USE\*, 1990 - 2019**



### Notes:

Regular use is defined as reports of one drink per month or more often; see footnote page.

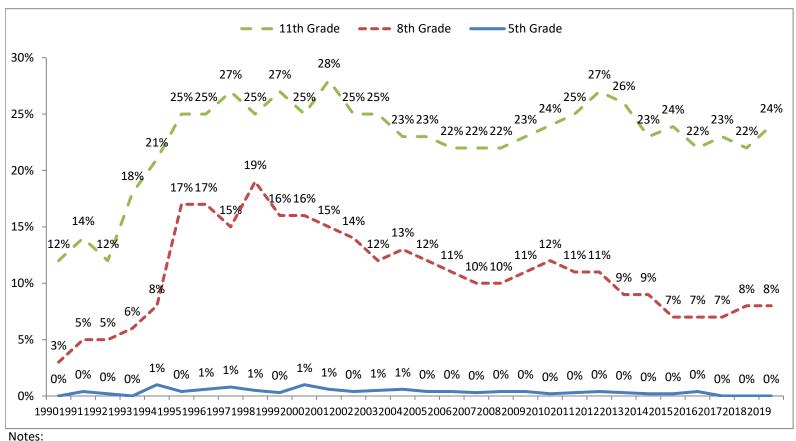
Displayed percentiles are rounded to the nearest whole number.

These statistics contribute to the National Outcome Measures (NOMs)

### Sources:

Data Base/DiagnosticsPlus (1989-1993); Department of Public Instruction (1994)

### TRENDS IN DELAWARE STUDENTS' MARIJUANA USE BY GRADE **SELF-REPORTED REGULAR USE\*, 1990 - 2019**



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

Displayed percentiles are rounded to the nearest whole number.

These statistics contribute to the National Outcome Measures (NOMs)

Sources:

Data Base/DiagnosticsPlus (1989-1993); Department of Public Instruction (1994)

### TRENDS IN MONTHLY USE OF OTHER ILLEGAL DRUGS AMONG DELAWARE Eighth GRADERS 1993-2019

(Percentages)

DRUG																											
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Inhalants	2	2	9	6	9	8	5	6	5	5	6	6	2	2	2	2	1	2	1	1	1	1	1	-	1	-	-
Hallucinogens	1	1	2	2	1	1	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stimulants	2	2	2	1	2	2	2	2	1	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Cocaine	-	1	1	-	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heroin <sup>a</sup>	na	na	na	na	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	-	-
Designer Drugs/ Ecstasy <sup>ab</sup>	na	na	-	1	1	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ritalin <sup>a</sup>	na	2	1	1	1	1	1	1	1	1	-	1	1	-	-	-	-	-	-	-							
Painkillers <sup>a</sup>	na	3	2	3	2	3	2	2	2	2	1	2	2	1	1	1	1	-	2								
Prescription Drugs (Past Year) <sup>a</sup>	na	13	15	11	12	13	12	12	11	10	8	8	7	7	12	11											

### Notes:

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

Displayed percentiles are rounded to the nearest whole number.

### Sources:

Data Base/DiagnosticsPlus (1989-1993); Department of Public Instruction (1994)

<sup>&</sup>lt;sup>a</sup>(na) indicates question was not asked that year.

<sup>&</sup>lt;sup>b</sup> Through 1999, the question asked about "designer drugs (XTC, Special K & Roche)". From 2000 on, the question asked explicitly about ecstasy.

<sup>&</sup>lt;sup>c</sup>Inhalant question altered in 2005 and subsequently

### TRENDS IN MONTHLY USE OF OTHER ILLEGAL DRUGS AMONG DELAWARE ELEVENTH GRADERS 1993-2019

(Percentages)

DRUG																											
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Inhalants	1	4	2	3	3	2	3	3	3	2	2	2	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Hallucinogens	3	4	3	3	3	3	2	2	2	1	-	-	1	1	1	-	-	-	1	-	-	-	-	1	-	-	-
Stimulants	3	4	2	2	4	3	2	3	2	1	2	1	1	1	-	-	1	-	-	-	-	-	-	1	-	-	1
Cocaine	-	1	1	2	2	2	1	1	1	-	1	-	1	1	1	1	1	-	-	-	-	-	-	-	-	-	-
Heroin <sup>a</sup>	-	na	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Designer Drugs/ Ecstasy <sup>ab</sup>	na	na	-	1	1	1	1	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ritalin <sup>a</sup>	na	2	2	3	2	2	2	2	2	2	2	2	1	1	1	-	1	-	1	-							
Painkillers <sup>a</sup>	na	4	4	4	4	4	4	4	4	4	3	3	3	1	2	1	1	1	1								
Prescription Drugs (Past Year) <sup>a</sup>	na	18	22	20	20	21	20	20	19	17	13	14	12	12	13	12											

### Notes:

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

the question asked explicitly about ecstasy.

Displayed percentiles are rounded to the nearest whole number.

### Sources:

Data Base/DiagnosticsPlus (1989-1993); Department of Public Instruction (1994)

<sup>&</sup>lt;sup>a</sup>(na) indicates question was not asked that year.

<sup>&</sup>lt;sup>b</sup> Through 1999, the question asked about "designer drugs (XTC, Special K & Roche)". From 2000 on,

<sup>&</sup>lt;sup>c</sup>Inhalant question altered in 2005 and subsequently

### 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 - 2019 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,

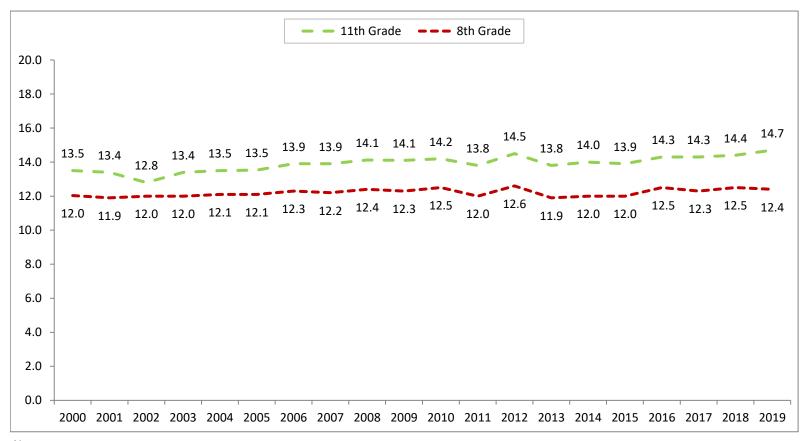
how many cigarettes have you smoked

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.

# TRENDS IN DELAWARE STUDENTS' AVERAGE AGE FIRST USE Age First Used Tobacco\*



### Notes:

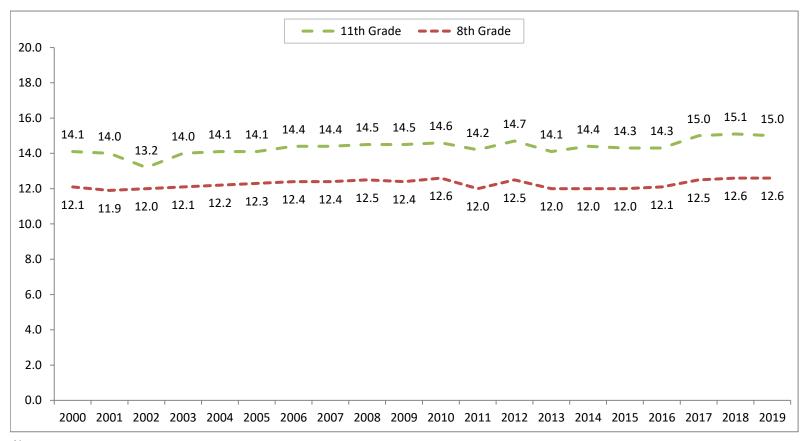
Due to an inconsistency on the survey, the 2002 11th grade values are underestimated.

These statistics contribute to the National Outcome Measures (NOMs)

### Sources:

<sup>\*</sup> Among those who have ever smoked

## TRENDS IN DELAWARE STUDENTS' AVERAGE AGE FIRST USE Age First Used Alcohol\*



### Notes:

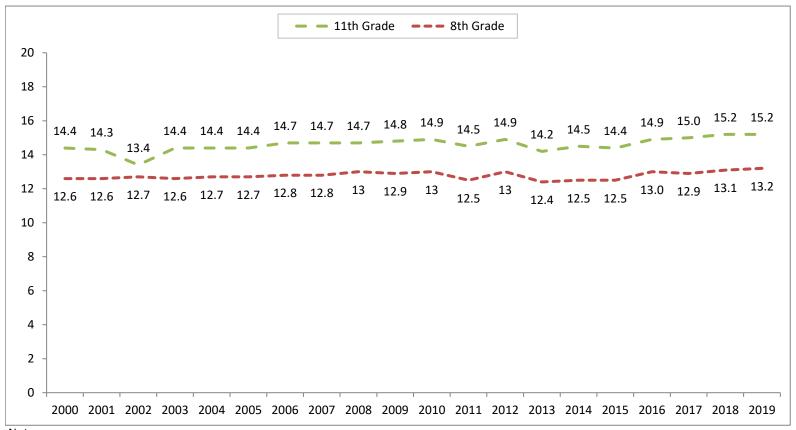
Due to an inconsistency on the survey, the 2002 11th grade values are underestimated.

These statistics contribute to the National Outcome Measures (NOMs)

### Sources:

<sup>\*</sup> Among those who have ever drank

# TRENDS IN DELAWARE STUDENTS' AVERAGE AGE FIRST USE Age First Used Marijuana\*



### Notes:

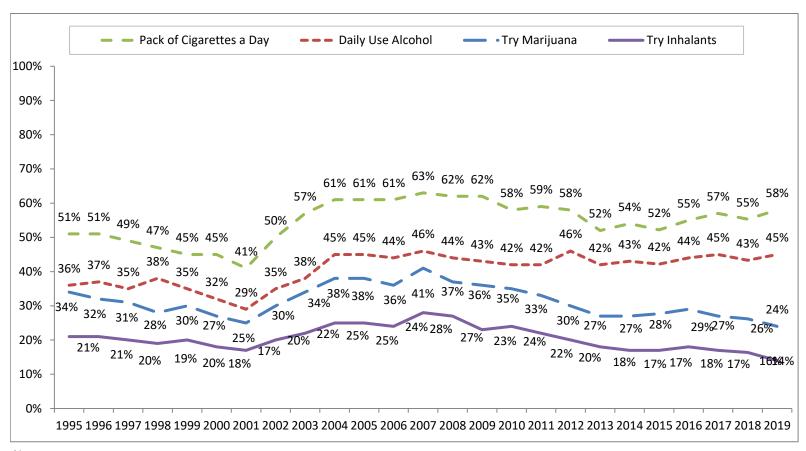
Due to an inconsistency on the survey, the 2002 11th grade values are underestimated.

These statistics contribute to the National Outcome Measures (NOMs)

### Sources:

<sup>\*</sup> Among those who have ever smoked marijuana

### TRENDS IN DELAWARE FIFTH GRADERS' PERCEPTIONS OF "A LOT OF RISK"\* IN SUBSTANCE USE



### Notes:

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

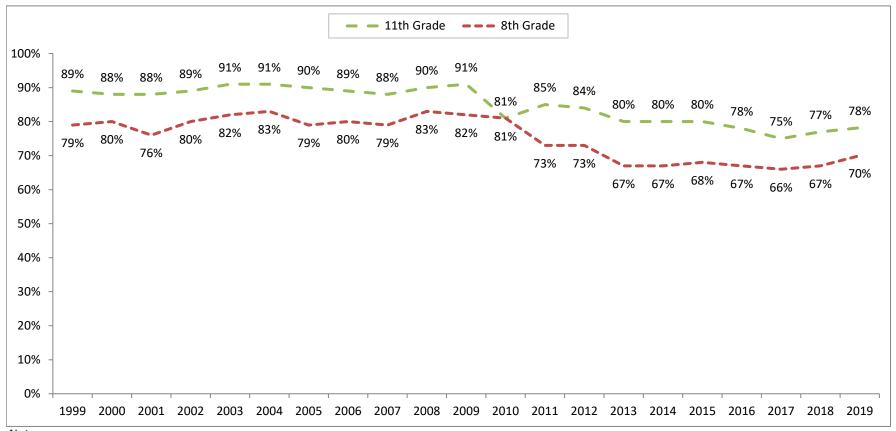
Displayed percentiles are rounded to the nearest whole number.

This is a more extreme criterion than that reported in earlier NOMs graphs of "Moderate or Great Risk."

### Sources:

Department of Public Instruction (1994)

# TRENDS IN DELAWARE STUDENTS' PERCEIVED "MODERATE" OR "GREAT" RISK\* BY GRADE Daily Cigarette Use of One or More Packs



### Notes:

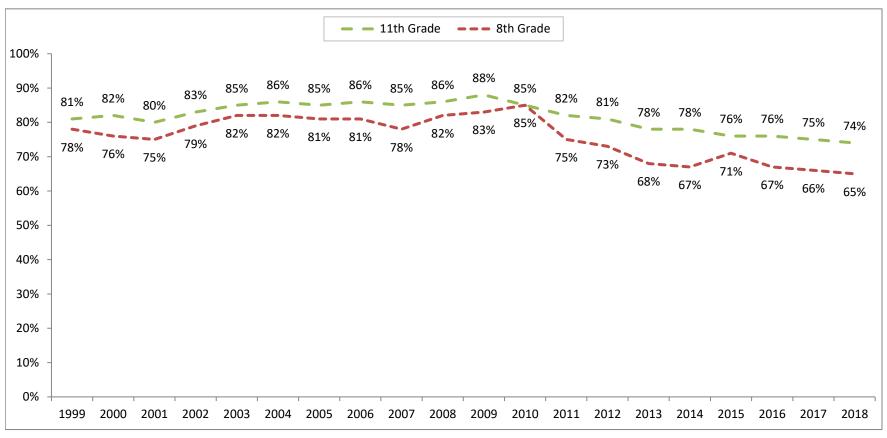
Due to an inconsistency on the survey, the 2002 11th grade values are underestimated.

These statistics contribute to the National Outcome Measures (NOMs)

### Sources:

<sup>\* &</sup>quot;Perceived Risk" refers to students who reported "Moderate Risk" or "Great Risk" of harming themselves by using this substance

# TRENDS IN DELAWARE STUDENTS' PERCEIVED "MODERATE" OR "GREAT" RISK\* BY GRADE Binge Drinking^



### Notes:

Displayed percentiles are rounded to the nearest whole number

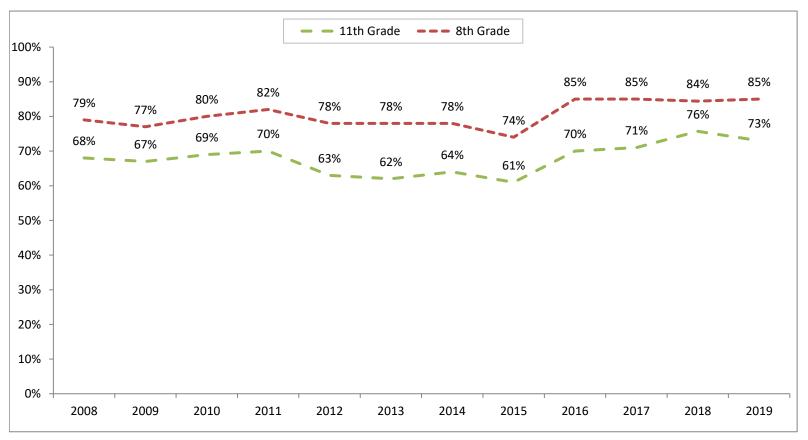
These statistics contribute to the National Outcome Measures (NOMs)

### Sources:

<sup>^</sup> Binge drinking is defined as having five or more drinks in one sitting

<sup>&</sup>quot;Perceived Risk" refers to students who reported "Moderate Risk" or "Great Risk" of harming themselves by using this substance

# TRENDS IN DELAWARE STUDENTS' DISAPPROVAL\* BY GRADE Using Alcohol Daily



### Notes:

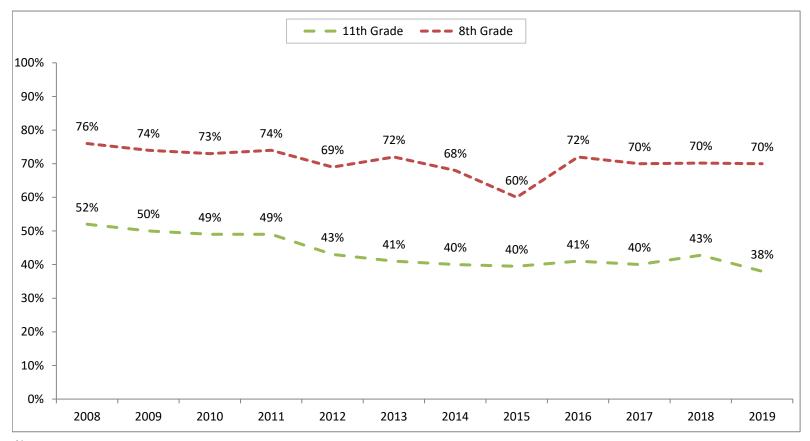
\* "Disapproval" refers to students who reported using the substance as "Wrong" or "Very Wrong" Displayed percentiles are rounded to the nearest whole number.

These statistics contribute to the National Outcome Measures (NOMs)  $\,$ 

### Sources:

Data Base/DiagnosticsPlus (1989-1993); Department of Public Instruction (1994)

# TRENDS IN DELAWARE STUDENTS' DISAPPROVAL\* BY GRADE Trying Marijuana



### Notes:

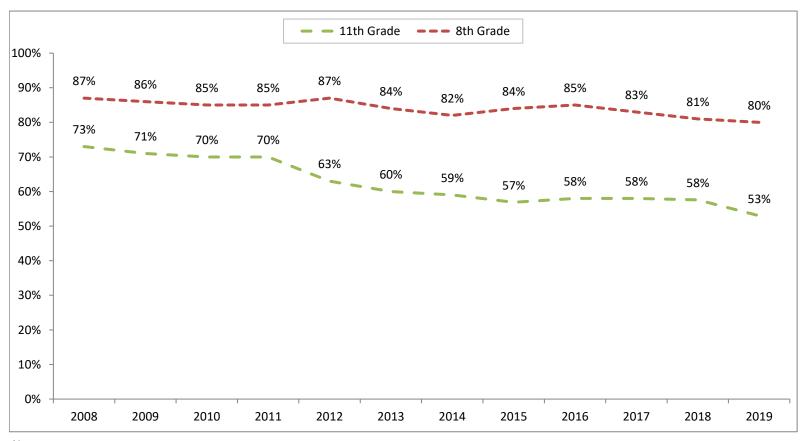
\* "Disapproval" refers to students who reported using the substance as "Wrong" or "Very Wrong" Displayed percentiles are rounded to the nearest whole number.

These statistics contribute to the National Outcome Measures (NOMs)

### Sources:

Data Base/DiagnosticsPlus (1989-1993); Department of Public Instruction (1994)

# TRENDS IN DELAWARE STUDENTS' DISAPPROVAL\* BY GRADE Using Marijuana Regularly^



### Notes:

- \* "Disapproval" refers to students who reported using the substance as "Wrong" or "Very Wrong"
- $^{\uplambda}$  Regular use is defined as reports of once a month or more often; see footnote page.

Displayed percentiles are rounded to the nearest whole number.

These statistics contribute to the National Outcome Measures (NOMs)

### Sources:

### 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, E-Cigarettes/Vaping Devices, Alcohol, Inhalants, and Marijuana and Estimates of Perceived Harmfulness of Each Substance

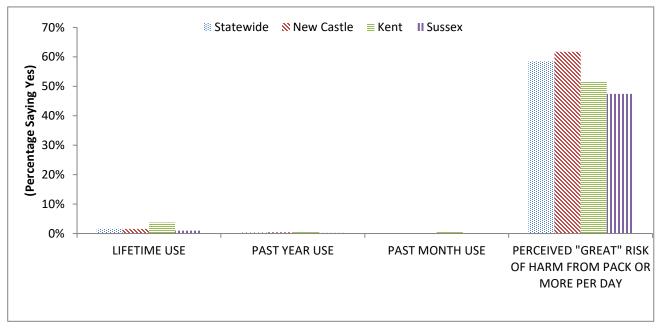
Estimates by Gender and County of Use of Other Illegal Drugs

Average age of First Use of Cigarettes, Alcohol, and Marijuana

### **CIGARETTE USE AMONG DELAWARE FIFTH GRADERS**

(in percentages)

	LIFETIME USE	PAST YEAR USE	PAST MONTH USE	PERCEIVED "GREAT" RISK OF HARM
	LIFETHVIE OSE	PAST TEAR OSE	PAST WONTH OSE	FROM PACK OR MORE PER DAY
<u>Statewide</u>	2%	0%	0%	58%
<u>Males</u>	2%	0%	0%	59%
<u>Females</u>	2%	1%	0%	58%
New Castle	2%	0%	0%	62%
Males	1%	0%	0%	61%
<u>Females</u>	2%	1%	0%	62%
<u>Kent</u>	4%	0%	0%	51%
Males	3%	0%	0%	54%
<u>Females</u>	5%	1%	1%	48%
<u>Sussex</u>	1%	0%	0%	47%
Males	2%	0%	0%	48%
<u>Females</u>	0%	0%	0%	47%

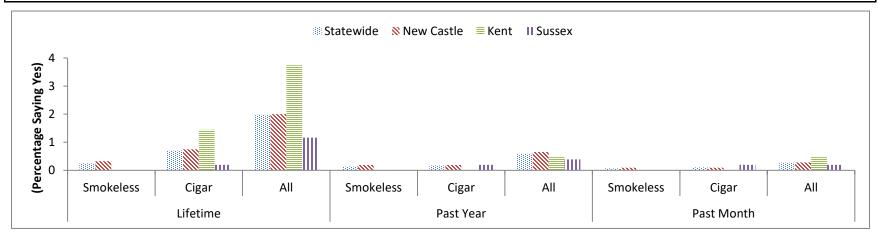


Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to this rounding. Source: 2019 Delaware School Survey, Center for Drug and Health Studies, University of Delaware.

### OTHER TOBACCO USE AMONG DELAWARE FIFTH GRADERS

(in percentages)

		Lifetime			Past Year			Past Month	
	Smokeless	Cigar	All	Smokeless	Cigar	All	Smokeless	Cigar	All
<u>Statewide</u>	0	1	2	0	0	1	0	0	0
<u>Males</u>	0	1	2	0	0	0	0	0	0
<u>Females</u>	0	1	2	0	0	1	0	0	0
New Castle	0	1	2	0	0	1	0	0	0
<u>Males</u>	0	1	2	0	0	0	0	0	0
<u>Females</u>	1	1	2	0	0	1	0	0	0
<u>Kent</u>	0	1	4	0	0	0	0	0	0
<u>Males</u>	0	0	3	0	0	0	0	0	0
<u>Females</u>	0	3	5	0	0	1	0	0	1
Sussex	0	0	1	0	0	0	0	0	0
<u>Males</u>	0	0	2	0	0	1	0	0	0
<u>Females</u>	0	0	0	0	0	0	0	0	0



### Notes:

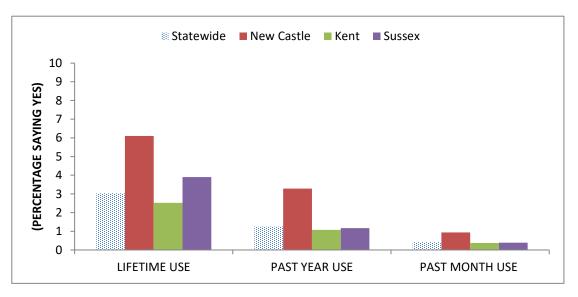
Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to this rounding.

<sup>\*&</sup>quot;All" includes smokeless tobacco, cigars, and cigarettes.

### **VAPING DEVICE USE AMONG DELAWARE FIFTH GRADERS**

(in percentages)

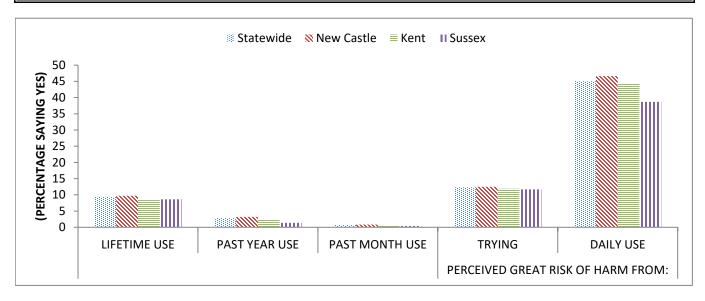
	LIFETIME USE	PAST YEAR USE	PAST MONTH USE
<u>Statewide</u>	3	1	0
<u>Males</u>	3	1	0
<u>Females</u>	3	1	1
New Castle	6	3	1
<u>Males</u>	6	3	0
<u>Females</u>	6	4	2
<u>Kent</u>	3	1	0
<u>Males</u>	2	1	0
<u>Females</u>	3	1	0
<u>Sussex</u>	4	1	0
<u>Males</u>	3	0	0
<u>Females</u>	5	2	0



### **ALCOHOL USE AMONG DELAWARE FIFTH GRADERS**

(in percentages)

	LIFETIME USE	PAST YEAR USE	PAST MONTH USE		GREAT RISK OF I FROM:
				TRYING	DAILY USE
<u>Statewide</u>	9	3	1	12	45
<u>Males</u>	10	3	1	12	45
<u>Females</u>	8	3	1	12	46
New Castle	10	3	1	12	47
<u>Males</u>	11	4	1	13	46
<u>Females</u>	8	3	1	12	47
<u>Kent</u>	8	2	0	12	44
<u>Males</u>	6	1	0	12	42
<u>Females</u>	11	4	1	12	46
<u>Sussex</u>	9	1	0	12	39
<u>Males</u>	10	1	1	13	38
<u>Females</u>	8	1	0	11	39

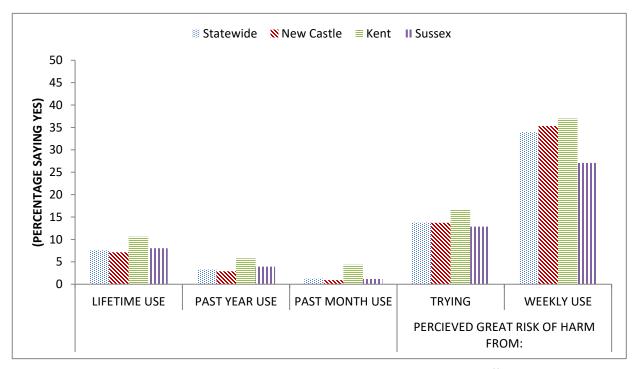


Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to this rounding.

### **INHALANT USE AMONG DELAWARE FIFTH GRADERS**

(in percentages)

	LIFETIME USE	PAST YEAR USE	PAST MONTH USE		AT RISK OF HARM OM:
			O3L	TRYING	WEEKLY USE
<u>Statewide</u>	8	3	1	14	34
<u>Males</u>	6	3	1	14	34
<u>Females</u>	9	3	1	13	34
New Castle	7	3	1	14	35
<u>Males</u>	6	3	1	15	36
<u>Females</u>	8	3	1	13	35
<u>Kent</u>	11	6	4	17	37
<u>Males</u>	5	4	4	17	37
<u>Females</u>	17	8	5	17	37
Sussex	8	4	1	13	27
<u>Males</u>	8	5	2	13	25
<u>Females</u>	8	3	0	13	29

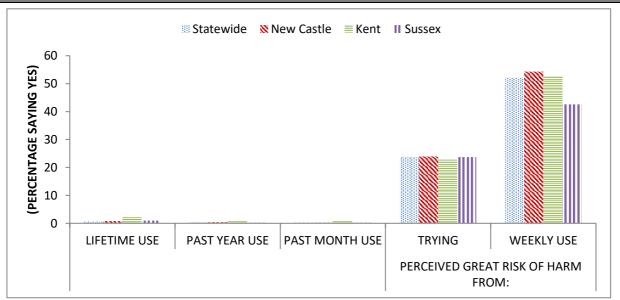


Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to this rounding.

### MARIJUANA USE AMONG DELAWARE FIFTH GRADERS

(in percentages)

	LIFETIME USE	PAST YEAR USE	PAST MONTH	PERCEIVED G	REAT RISK OF HARM FROM:
			USE	TRYING	WEEKLY USE
<u>Statewide</u>	1	0	0	24	52
<u>Males</u>	1	0	0	26	53
<u>Females</u>	1	0	0	21	51
New Castle	1	0	0	24	54
<u>Males</u>	1	0	0	26	55
<u>Females</u>	1	1	0	21	53
<u>Kent</u>	2	1	1	23	53
<u>Males</u>	1	1	1	25	54
<u>Females</u>	4	1	1	21	51
Sussex	1	0	0	24	43
<u>Males</u>	2	0	0	27	43
<u>Females</u>	0	0	0	21	42

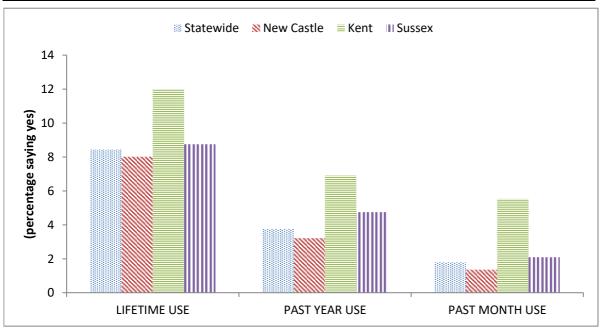


Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to this rounding.

### OTHER ILLEGAL DRUG USE\* AMONG DELAWARE FIFTH GRADERS

(in percentages)

	LIFETIME USE	PAST YEAR USE	PAST MONTH USE
<u>Statewide</u>	8	4	2
<u>Males</u>	8	4	2
<u>Females</u>	9	4	2
New Castle	8	3	1
<u>Males</u>	7	3	1
<u>Females</u>	9	3	1
<u>Kent</u>	12	7	6
<u>Males</u>	5	4	4
<u>Females</u>	19	10	7
<u>Sussex</u>	9	5	2
<u>Males</u>	10	7	4
<u>Females</u>	8	3	1



Notes:

Displayed percentiles are rounded to the

<sup>\*</sup> Other illegal drugs include prescription downers, prescription uppers, inhalant hallucinogens, Ritalin ("to get high"), and cocaine.

# PAST YEAR USE OF RITALIN /ADDERALL SUBSTANCES AMONG DELAWARE FIFTH GRADERS

(in percentages)

	RITALIN
<u>Statewide</u>	0
<u>Males</u>	0
<u>Females</u>	0
New Castle	0
<u>Males</u>	0
<u>Females</u>	0
<u>Kent</u>	1
<u>Males</u>	1
<u>Females</u>	1
<u>Sussex</u>	0
<u>Males</u>	1
<u>Females</u>	0

### Notes:

Displayed percentiles are rounded to the nearest whole number.

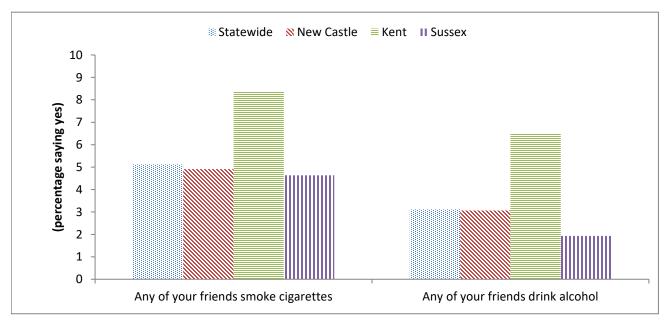
<sup>&</sup>quot;Ritalin" includes Ritalin, Adderall, Cylert, and Concerta "to get high."

<sup>&</sup>quot;-" means not asked in survey

### SUBSTANCE USE BY PEERS REPORTED BY DELAWARE FIFTH GRADERS

(in percentages)

(iii percentages)										
	Any of your friends smoke cigarettes	Any of your friends drink alcohol								
<u>Statewide</u>	5	3								
<u>Males</u>	5	3								
<u>Females</u>	5	3								
New Castle	5	3								
<u>Males</u>	5	3								
<u>Females</u>	4	3								
<u>Kent</u>	8	7								
<u>Males</u>	6	4								
<u>Females</u>	10	10								
<u>Sussex</u>	5	2								
<u>Males</u>	4	2								
<u>Females</u>	5	2								



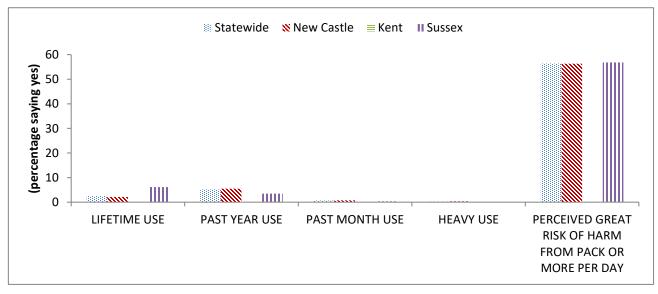
### Note:

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

### **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>	3	5	1	0	56
<u>Males</u>	3	5	1	0	52
<u>Females</u>	2	5	0	0	61
New Castle	2	5	1	0	56
<u>Males</u>	2	5	1	1	52
<u>Females</u>	5	6	1	0	61
<u>Kent</u>					
<u>Males</u>					
<u>Females</u>					
<u>Sussex</u>	6	3	0	0	57
<u>Males</u>	4	3	1	0	54
<u>Females</u>	0	4	0	0	59



### Notes:

Due to scheduling conflicts no 8th grade classes in Kent participated

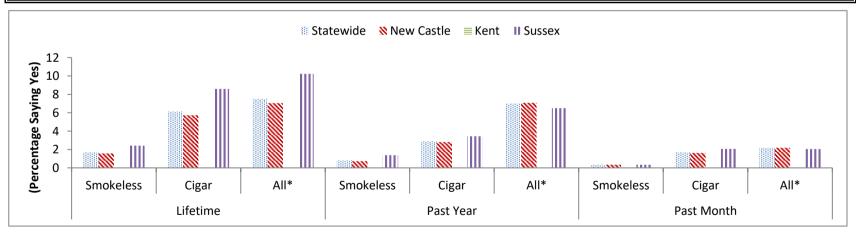
Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to this rounding.

<sup>&</sup>quot;Heavy use" is more than one-half pack per day in last thirty days.

### OTHER TOBACCO USE AMONG DELAWARE EIGHTH GRADERS

(in percentages)

	Lifetime			Past Year			Past Month		
	Smokeless	Cigar	All*	Smokeless	Cigar	AII*	Smokeless	Cigar	All*
<u>Statewide</u>	2	6	8	1	3	7	0	2	2
Males	2	7	8	1	3	7	0	2	2
<u>Females</u>	1	6	7	1	3	7	0	2	2
New Castle	2	6	7	1	3	7	0	2	2
<u>Males</u>	2	6	7	1	3	7	0	2	2
<u>Females</u>	1	5	7	0	3	8	0	2	2
<u>Kent</u>									
<u>Males</u>									
<u>Females</u>									
Sussex	2	9	10	1	3	7	0	2	2
Males	4	10	12	2	5	7	1	2	2
<u>Females</u>	1	8	9	1	3	6	0	2	2



### Notes:

Due to scheduling conflicts no 8th grade classes in Kent participated

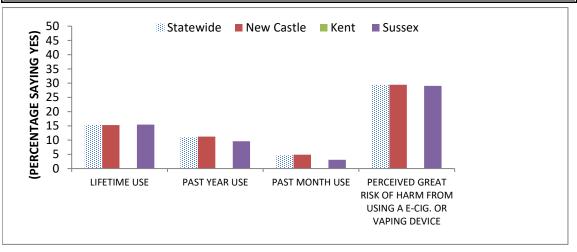
Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to rounding error.

<sup>\* &</sup>quot;All" includes smokeless tobacco, cigars, and cigarettes.

## ELECTRONIC CIGARETTE/ VAPING DEVICE USE AMONG DELAWARE EIGHTH GRADERS

(in percentages)

	LIFETIME USE	PAST YEAR USE	PAST MONTH USE	PERCEIVED GREAT RISK OF HARM FROM USING AN E-CIGARETTE OR VAPING DEVICE
<u>Statewide</u>	15	11	5	29
<u>Males</u>	16	12	5	33
<u>Females</u>	15	10	4	26
New Castle	15	11	5	29
<u>Males</u>	16	12	5	33
<u>Females</u>	15	10	5	26
Kent				
<u>Males</u>				
<u>Females</u>				
<u>Sussex</u>	15	10	3	29
<u>Males</u>	16	9	3	31
<u>Females</u>	15	11	4	26



### Notes:

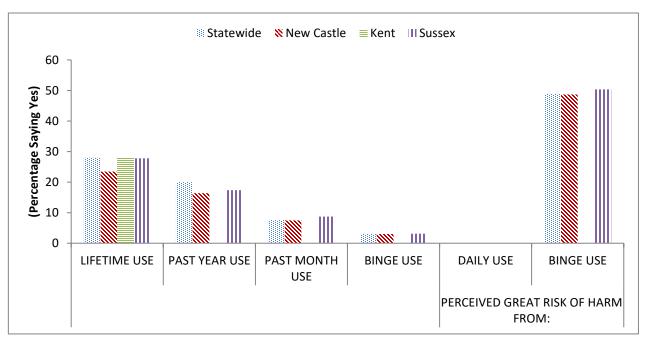
Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to this rounding.

Due to scheduling conflicts no 8th grade classes in Kent participated

### **ALCOHOL USE AMONG DELAWARE EIGHTH GRADERS**

(in percentages)

	LIFETIME USE	PAST YEAR USE	PAST MONTH USE	BINGE USE*	PERCEIVED GREAT RISK OF HARM FROM:		
		332			<b>DAILY USE</b>	BINGE USE*	
<u>Statewide</u>	24	17	8	3	-	49	
<u>Males</u>	22	13	7	2	-	43	
<u>Females</u>	27	20	9	4	-	55	
New Castle	23	16	7	3	-	49	
<u>Males</u>	21	13	6	2	-	43	
<u>Females</u>	27	20	9	4	-	54	
<u>Kent</u>					-		
<u>Males</u>					-		
<u>Females</u>					-		
Sussex	28	17	9	3	-	50	
<u>Males</u>	29	16	9	4	-	42	
<u>Females</u>	27	19	8	3	-	57	



### Notes:

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

Due to scheduling conflicts no 8th grade classes in Kent participated

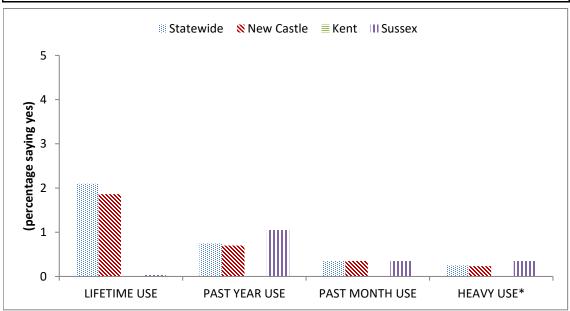
<sup>\*</sup>Question "Daily Use" was not asked in 2018

<sup>\*&</sup>quot;Binge use" is defined as three or more drinks at a time in the last two weeks.

### **INHALANT USE AMONG DELAWARE EIGHTH GRADERS**

(in percentages)

	(iii per centages)						
	LIFETIME USE	PAST YEAR USE	PAST MONTH USE	HEAVY USE*			
<u>Statewide</u>	2	1	0	0			
<u>Males</u>	2	1	0	0			
<u>Females</u>	3	1	0	0			
New Castle	2	1	0	0			
<u>Males</u>	1	1	0	0			
<u>Females</u>	2	1	0	0			
<u>Kent</u>							
<u>Males</u>							
<u>Females</u>							
Sussex	0	1	0	0			
<u>Males</u>	0	2	1	1			
<u>Females</u>	0	1	0	0			



Notes:

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

Due to scheduling conflicts no 8th grade classes in Kent participated

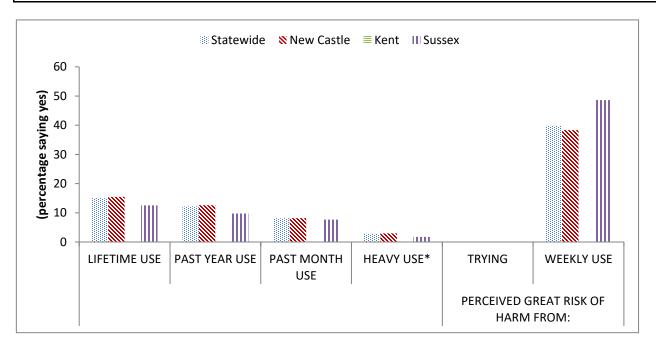
<sup>\*&</sup>quot;Heavy Use" indicates more than six times in the past month.

<sup>&</sup>quot;-" indicates that question was not asked this year

### MARIJUANA USE AMONG DELAWARE EIGHTH GRADERS

(in percentages)

	LIFETIME	PAST YEAR	PAST MONTH USE	HEAVY USE*	PERCEIVED GREAT RISK OF HARM FROM:		
	USE	USE			TRYING	WEEKLY USE	
<u>Statewide</u>	15	12	8	3		40	
<u>Males</u>	15	12	9	4		35	
<u>Females</u>	15	12	7	2		45	
New Castle	15	13	8	3		38	
<u>Males</u>	15	12	9	4		34	
<u>Females</u>	16	13	7	2		43	
<u>Kent</u>							
<u>Males</u>				-			
<u>Females</u>							
Sussex	13	10	8	2		49	
<u>Males</u>	17	13	9	4		41	
<u>Females</u>	9	8	7	0		55	



### Notes:

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

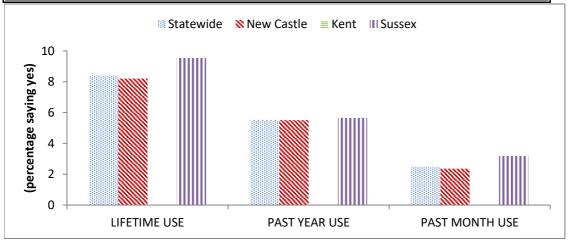
Due to scheduling conflicts no 8th grade classes in Kent participated

<sup>\*</sup>Question "Trying" was not aksed in2018

<sup>\* &</sup>quot;Heavy Use" indicates more than six times in the past month.

## OTHER ILLEGAL DRUG USE\* AMONG DELAWARE EIGHTH GRADERS (in percentages)

	LIFETIME USE	PAST YEAR USE	PAST MONTH USE
<u>Statewide</u>	8	6	2
<u>Males</u>	9	6	3
<u>Females</u>	8	5	2
New Castle	8	6	2
<u>Males</u>	9	6	2
<u>Females</u>	8	5	2
<u>Kent</u>			
<u>Males</u>			
<u>Females</u>			
<u>Sussex</u>	10	6	3
<u>Males</u>	12	10	6
<u>Females</u>	8	3	1



### Notes:

Due to scheduling conflicts no 8th grade classes in Kent participated Source: 2019 Delaware School Survey, Center for Drug and Health Studies, University of Delaware.

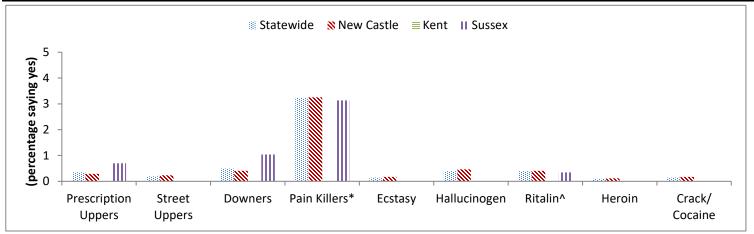
<sup>\* &</sup>quot;Other illegal drugs" include prescription downers, prescription stimulants, inhalants, hallucinogens, crack, cocaine, heroin, ritalin, painkillers, and designer drugs.

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

### PAST YEAR USE OF OTHER ILLEGAL SUBSTANCES AMONG DELAWARE EIGHTH GRADERS

(in percentages)

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



#### Notes:

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

Due to scheduling conflicts no 8th grade classes in Kent participated

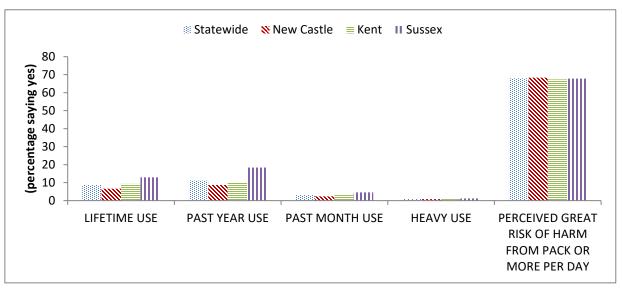
<sup>\* &</sup>quot;Pain killers" includes OxyContin, Codeine, Percocet, and Tylenol 3 "to get high."

<sup>^ &</sup>quot;Ritalin" includes Ritalin, Adderall, Cylert, and Concerta "to get high."

### **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>	9	11	3	1	68
<u>Males</u>	9	15	4	1	62
<u>Females</u>	8	8	3	1	74
New Castle	7	9	2	1	68
<u>Males</u>	7	12	3	1	64
<u>Females</u>	6	5	2	1	73
<u>Kent</u>	9	10	3	1	67
<u>Males</u>	10	15	4	1	59
<u>Females</u>	9	5	2	1	75
<u>Sussex</u>	13	18	5	1	68
<u>Males</u>	13	21	4	1	60
<u>Females</u>	13	16	5	1	75

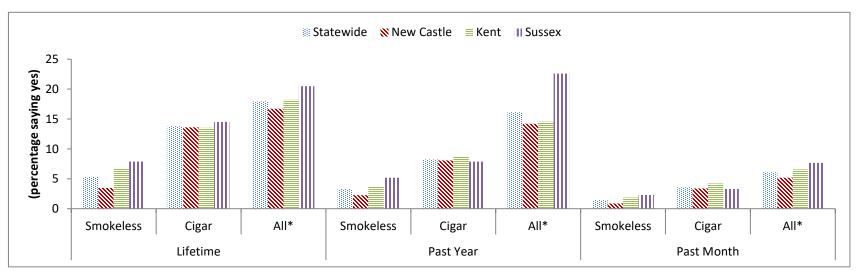


Note:

### OTHER TOBACCO USE AMONG DELAWARE ELEVENTH GRADERS

(in percentages)

		Lifetime			Past Year			Past Month	
	Smokeless	Cigar	All*	Smokeless	Cigar	AII*	Smokeless	Cigar	AII*
<u>Statewide</u>	5	14	18	3	8	16	1	4	6
<u>Males</u>	9	16	20	6	10	20	3	5	8
<u>Females</u>	2	11	16	1	6	12	0	2	4
New Castle	3	14	17	2	8	14	1	3	5
<u>Males</u>	6	15	19	4	10	18	2	5	7
<u>Females</u>	1	12	15	1	6	10	0	2	3
<u>Kent</u>	7	14	18	4	9	15	2	4	7
<u>Males</u>	12	18	21	7	12	20	4	6	10
<u>Females</u>	2	10	15	1	6	10	0	2	4
Sussex	8	15	20	5	8	23	2	3	8
<u>Males</u>	12	17	22	9	9	26	4	4	9
<u>Females</u>	4	12	19	2	6	20	0	3	6



#### Notes:

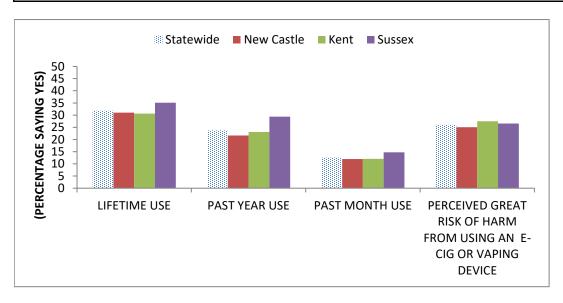
Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to this rounding.

<sup>\*&</sup>quot;All" includes smokeless tobacco, cigars, and cigarettes.

### **VAPING DEVICE USE AMONG DELAWARE ELEVENTH GRADERS**

(in percentages)

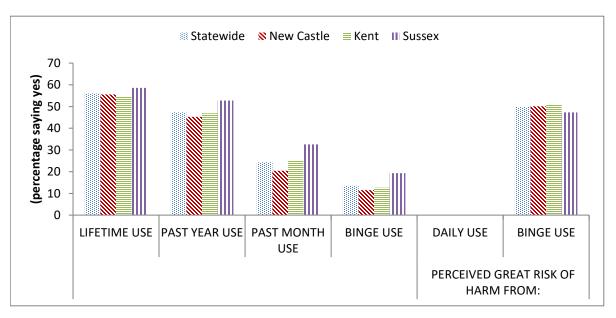
	LIFETIME USE	PAST YEAR USE	PAST MONTH USE	PERCEIVED GREAT RISK OF HARM FROM USING AN E-CIGARETTE OR VAPING DEVICE
<u>Statewide</u>	32	24	13	26
<u>Males</u>	32	25	15	21
<u>Females</u>	32	22	10	31
New Castle	31	22	12	25
<u>Males</u>	31	22	15	21
<u>Females</u>	31	21	9	29
<u>Kent</u>	31	23	12	27
<u>Males</u>	33	27	16	22
<u>Females</u>	29	19	9	32
<u>Sussex</u>	35	29	15	27
<u>Males</u>	33	28	15	18
<u>Females</u>	37	30	14	34



### **ALCOHOL USE AMONG DELAWARE ELEVENTH GRADERS**

(in percentages)

	LIFETIME USE	PAST YEAR USE	PAST MONTH USE	BINGE USE*		REAT RISK OF FROM
	002	001			DAILY USE	BINGE USE*
<u>Statewide</u>	56	47	24	14	-	50
<u>Male</u>	51	43	24	14	-	42
<u>Female</u>	61	52	24	13	-	58
New Castle	56	45	20	12	-	50
<u>Male</u>	50	40	21	12	-	44
<u>Female</u>	62	50	20	11	-	56
<u>Kent</u>	55	47	25	13	-	51
<u>Male</u>	49	43	25	15	-	41
<u>Female</u>	60	50	25	11	-	60
Sussex	59	53	33	19	-	47
<u>Male</u>	55	49	32	19	-	37
<u>Female</u>	62	56	33	20	-	57



### Notes:

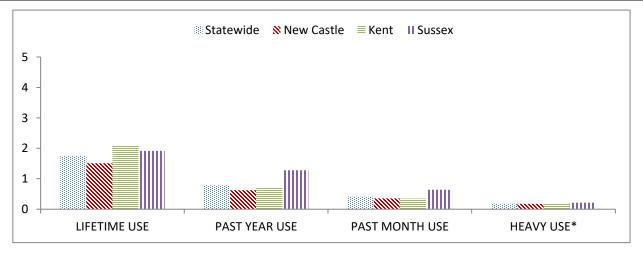
<sup>&</sup>quot;-" indicates that question was not asked this year

<sup>\*&</sup>quot;Binge use" is defined as three or more drinks at a time in the last two weeks.

### **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
<u>Statewide</u>	2	1	0	0	-
<u>Males</u>	2	1	0	0	-
<u>Females</u>	1	1	0	0	-
New Castle	2	1	0	0	-
<u>Males</u>	1	1	0	0	-
<u>Females</u>	2	1	1	0	-
<u>Kent</u>	2	1	0	0	-
<u>Males</u>	4	1	1	0	-
<u>Females</u>	1	0	0	0	-
<u>Sussex</u>	2	1	1	0	-
<u>Males</u>	3	2	1	0	-
<u>Females</u>	1	1	0	0	-



### Notes:

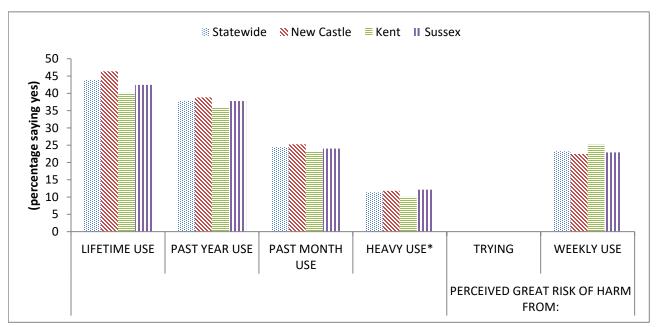
<sup>\*&</sup>quot;Heavy Use" indicates more than six times in the past month.

<sup>&</sup>quot;-" indicates that question was not asked this year

### MARIJUANA USE AMONG DELAWARE ELEVENTH GRADERS

(in percentages)

,	( percentages)								
	LIFETIME USE	PAST YEAR USE	PAST MONTH USE	HEAVY USE*		REAT RISK OF FROM:			
					TRYING	WEEKLY USE			
<u>Statewide</u>	44	38	24	11	-	23			
<u>Males</u>	42	37	25	14	-	19			
<u>Females</u>	45	39	24	9	-	27			
New Castle	46	39	25	12	-	22			
<u>Males</u>	46	39	27	15	-	19			
<u>Females</u>	47	39	24	8	-	26			
<u>Kent</u>	40	36	23	10	-	25			
<u>Males</u>	37	33	24	13	-	20			
<u>Females</u>	43	38	23	8	-	30			
Sussex	42	38	24	12	-	23			
<u>Males</u>	41	37	24	12	-	19			
<u>Females</u>	44	38	24	12	-	27			



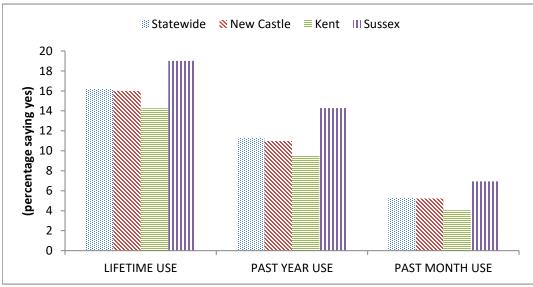
### Notes:

<sup>\* &</sup>quot;Heavy Use" indicates more than six times in the past month.

<sup>&</sup>quot;-" indicates that question was not asked this year

### OTHER ILLEGAL DRUG USE\* AMONG DELAWARE ELEVENTH GRADERS

	(in percentages)									
	LIFETIME USE	PAST YEAR USE	PAST MONTH USE							
<u>Statewide</u>	16	11	5							
<u>Males</u>	18	12	6							
<u>Females</u>	15	10	4							
New Castle	16	11	5							
<u>Males</u>	17	13	6							
<u>Females</u>	15	9	4							
<u>Kent</u>	14	10	4							
<u>Males</u>	16	10	5							
<u>Females</u>	13	9	3							
<u>Sussex</u>	19	14	7							
<u>Males</u>	20	14	7							



14

7

### Notes:

**Females** 

19

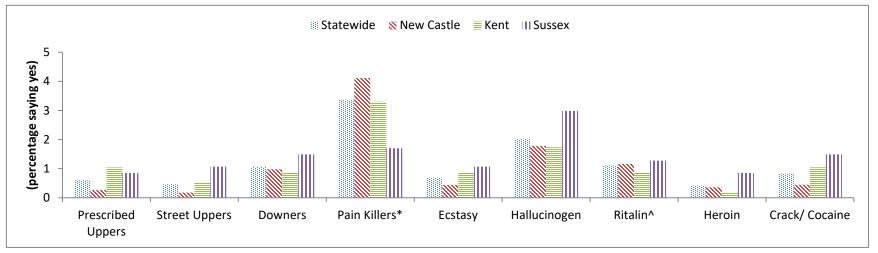
Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to this rounding.

<sup>\* &</sup>quot;Other illegal drugs" include prescription downers, prescription stimulants, synthetic marijuana, inhalants, hallucinogens, crack, cocaine, heroin, ritalin, painkillers, and designer drugs.

### 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>	1	0	1	3	1	2	1	0	1
<u>Males</u>	1	1	1	3	1	3	1	0	1
<u>Females</u>	1	0	1	3	0	1	1	1	1
New Castle	0	0	1	4	0	2	1	0	0
<u>Males</u>	0	0	1	4	1	3	1	0	1
<u>Females</u>	0	0	1	4	0	1	1	0	0
Kent	1	1	1	3	1	2	1	0	1
<u>Males</u>	1	0	1	4	1	3	1	0	1
<u>Females</u>	1	1	1	3	1	1	1	0	1
Sussex	1	1	1	2	1	3	1	1	1
<u>Males</u>	1	1	1	2	1	4	1	0	1
<u>Females</u>	1	1	2	2	1	2	1	2	2



#### Notes:

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

<sup>\* &</sup>quot;Pain killers" includes OxyContin, Codeine, Percocet, and Tylenol 3 "to get high."

<sup>^ &</sup>quot;Ritalin" includes Ritalin, Adderall, Cylert, and Concerta "to get high."

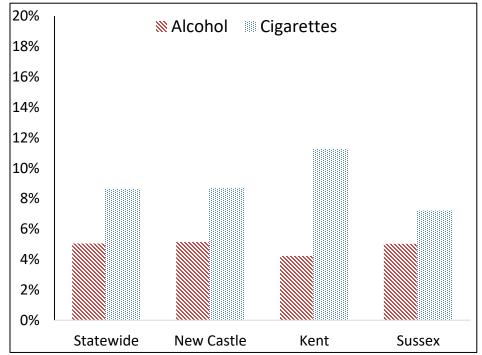
III. Risk and Protective Factors for Drug Use:

Availability of Cigarettes, Alcohol, and Other Drugs to Students

Perceived Community Environment

# DELAWARE FIFTH GRADERS WHO KNOW WHERE TO BUY CIGARETTES FOR STUDENTS/ GET ALCOHL WITHOUT PAYING FOR IT

	Alcohol	Cigarettes
<u>Statewide</u>	5%	9%
<u>Males</u>	5%	8%
<u>Females</u>	5%	9%
New Castle	5%	9%
<u>Males</u>	5%	8%
<u>Females</u>	5%	9%
<u>Kent</u>	4%	11%
<u>Males</u>	7%	15%
<u>Females</u>	2%	8%
<u>Sussex</u>	5%	7%
<u>Males</u>	5%	5%
<u>Females</u>	5%	9%

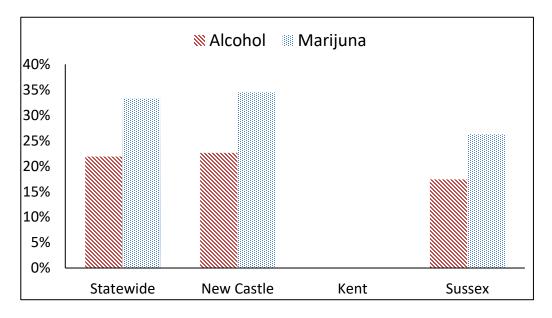


### Note:

Displayed percentiles are rounded to the nearest whole number, bar charts may differ due to this rounding

# DELAWARE EIGHTH GRADERS WHO KNOW WHERE TO BUY ALCOHOL AND MARIJUANA

	Alcohol	Marijuna
<u>Statewide</u>	22%	33%
<u>Males</u>	19%	31%
<u>Females</u>	24%	36%
New Castle	23%	34%
<u>Males</u>	20%	31%
<u>Females</u>	26%	38%
<u>Kent</u>		
<u>Males</u>		
<u>Females</u>		
Sussex	17%	26%
<u>Males</u>	17%	30%
<u>Females</u>	17%	24%



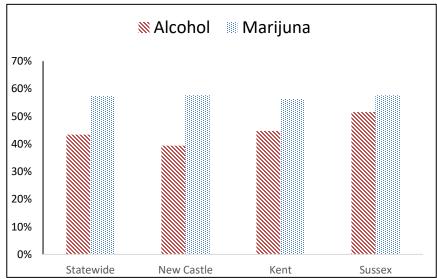
### Notes:

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

Due to scheduling conflicts no 8th grade classes in Kent participated

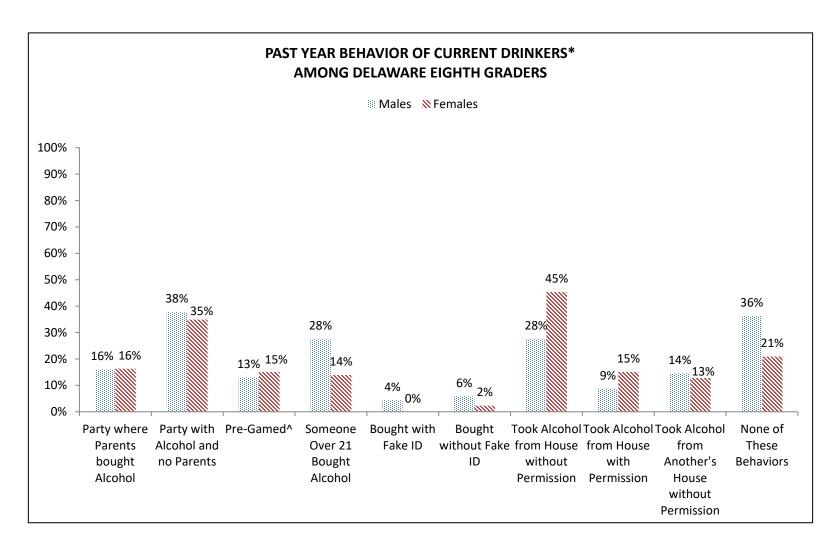
# DELAWARE ELEVENTH GRADERS WHO KNOW WHERE TO BUY ALCOHOL AND MARIJUANA

	Alcohol	Marijuna
<u>Statewide</u>	43%	57%
<u>Males</u>	41%	54%
<u>Females</u>	46%	61%
New Castle	39%	58%
<u>Males</u>	36%	54%
<u>Females</u>	43%	62%
<u>Kent</u>	45%	56%
<u>Males</u>	44%	52%
<u>Females</u>	46%	60%
<u>Sussex</u>	52%	58%
<u>Males</u>	48%	56%
<u>Females</u>	55%	60%



Note:

Displayed percentiles are rounded to the nearest whole number. Bar charts may differounding

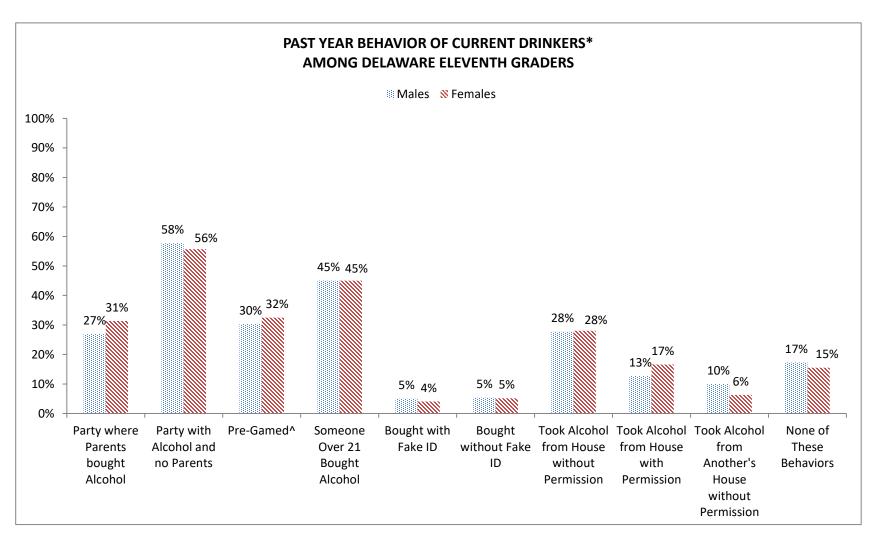


#### Notes:

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

<sup>\* &</sup>quot;Current drinker" is defined as reporting drinking in past month.

<sup>^ &</sup>quot;Pre-gaming" is defined as drinking before going to a game, party, or event.



#### Notes:

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

<sup>\*</sup> Current drinker is defined as reporting drinking in past month

<sup>\* &</sup>quot;Pre-gaming" is defined as drinking before going to a game, party, or event.

### **Perceived Neighborhood Problems\***

	8th Grade		11th Grade	
	Crime	Drug Sales	Crime	Drug Sales
<u>Statewide</u>	15%	13%	54%	18%
<u>Males</u>	14%	13%	56%	17%
<u>Females</u>	16%	13%	52%	20%
New Castle	16%	14%	50%	14%
<u>Males</u>	15%	15%	51%	12%
<u>Females</u>	17%	14%	49%	17%
<u>Kent</u>			53%	21%
<u>Males</u>			56%	20%
<u>Females</u>			51%	23%
Sussex	10%	7%	61%	15%
<u>Males</u>	9%	7%	61%	15%
<u>Females</u>	12%	7%	60%	15%

### **Bully Victimization Experience\***

	8th Grade		11th Grade	
	<b>Bullied at school</b>	Bullied in Neighborhood	Bullied at school	Bullied in neighborhood
<u>Statewide</u>	12%	2%	8%	2%
<u>Males</u>	13%	2%	10%	2%
<u>Females</u>	11%	3%	7%	2%
New Castle	12%	2%	8%	2%
<u>Males</u>	13%	2%	8%	2%
<u>Females</u>	11%	3%	7%	1%
<u>Kent</u>			8%	1%
<u>Males</u>			10%	1%
<u>Females</u>			6%	1%
Sussex	12%	1%	10%	3%
<u>Males</u>	14%	1%	10%	2%
<u>Females</u>	10%	2%	9%	3%

### Notes:

Due to scheduling conflicts no 8th grade classes in Kent participated

<sup>\*</sup> Based on the a series of questions asking whether the respondent had experienced any of the events in the past year.

### **Self-Reported Electronic Bullying Victimization**

	8th Grade	11th Grade
<u>Statewide</u>	9%	2%
<u>Males</u>	8%	2%
<u>Females</u>	10%	2%
New Castle	9%	1%
<u>Males</u>	9%	1%
<u>Females</u>	10%	1%
<u>Kent</u>	-	2%
<u>Males</u>	-	1%
<u>Females</u>	-	2%
<u>Sussex</u>	8%	3%
<u>Males</u>	7%	3%
<u>Females</u>	9%	2%

Note:

Due to scheduling conflicts no 8th grade classes in Kent participated

### IV. School Environment

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

Trends in School Safety and Student Comportment 1997-2019

Perceived Use by Peers

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

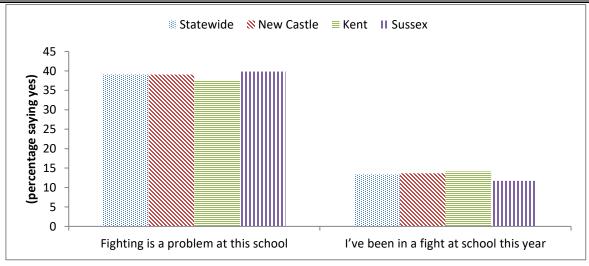
Past Month Substance Use in Relation to Prescribed Use of Psychoactive Drugs

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
<u>Statewide</u>	39	13
<u>Males</u>	41	19
<u>Females</u>	36	7
New Castle	39	14
<u>Males</u>	41	20
<u>Females</u>	37	6
<u>Kent</u>	37	14
<u>Males</u>	41	19
<u>Females</u>	34	9
<u>Sussex</u>	40	12
<u>Males</u>	45	17
<u>Females</u>	35	7



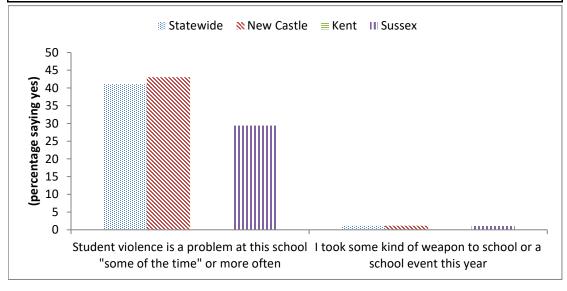
Note:

Displayed percentiles are rounded to the nearest whole number.

### 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>	41	1
Males	43	1
<u>Females</u>	39	1
New Castle	43	1
Males	45	1
<u>Females</u>	41	1
<u>Kent</u>		
Males		
<u>Females</u>		
Sussex	29	1
<u>Males</u>	33	2
<u>Females</u>	26	1



### Notes:

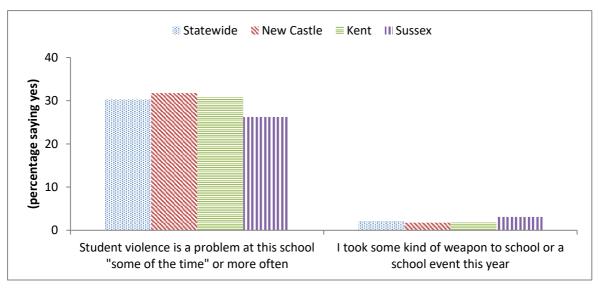
Displayed percentiles are rounded

Due to scheduling conflicts no 8th grade classes in Kent participated

### SCHOOL FIGHTING REPORTED BY DELAWARE ELEVENTH GRADERS

(in percentages)

(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>	30	2	
<u>Males</u>	30	3	
<u>Females</u>	30	1	
New Castle	32	2	
<u>Males</u>	32	3	
<u>Females</u>	32	1	
<u>Kent</u>	31	2	
<u>Males</u>	31	4	
<u>Females</u>	31	1	
Sussex	26	3	
<u>Males</u>	27	5	
<u>Females</u>	26	1	



Note:

Displayed percentiles are rounded to the nearest whole number.

# PERCEIVED STUDENT BEHAVIOR REPORTED BY DELAWARE FIFTH GRADERS

(in percentages)

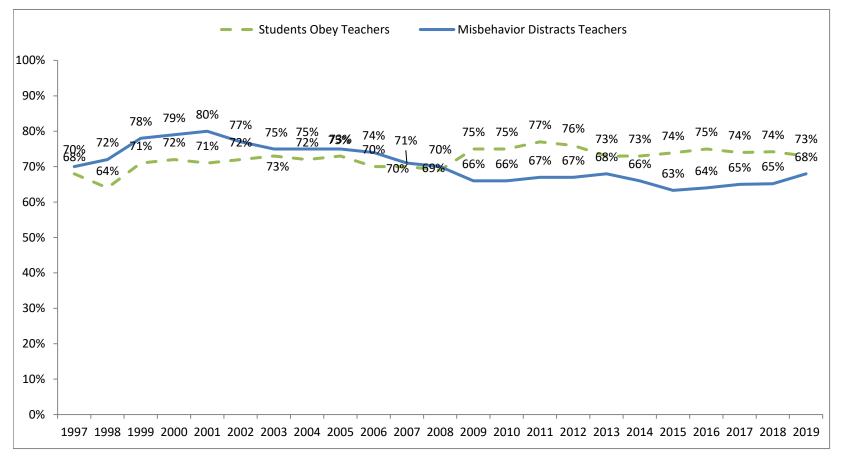
	Most kids at this school obey the teachers	Bad behavior of some kids at this school keeps teachers from teaching kids who want to learn
<u>Statewide</u>	73	68
<u>Males</u>	73	71
<u>Females</u>	73	66
New Castle	73	68
<u>Males</u>	73	70
<u>Females</u>	73	65
<u>Kent</u>	66	71
<u>Males</u>	62	73
<u>Females</u>	70	69
<u>Sussex</u>	75	71
<u>Males</u>	73	74
<u>Females</u>	77	68



### Note:

Displayed percentiles are rounded to the nearest whole number.

# TRENDS IN PERCEPTIONS OF STUDENT BEHAVIOR AMONG DELAWARE FIFTH GRADERS 1997-2019

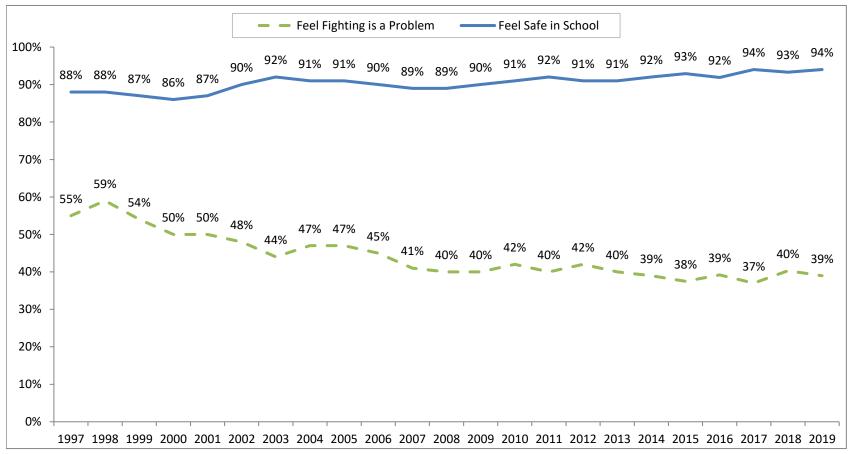


### Note:

Displayed percentiles are rounded to the nearest whole number

### Sources:

# TRENDS IN PERCEPTIONS OF SCHOOL SAFETY AMONG DELAWARE FIFTH GRADERS 1997-2019

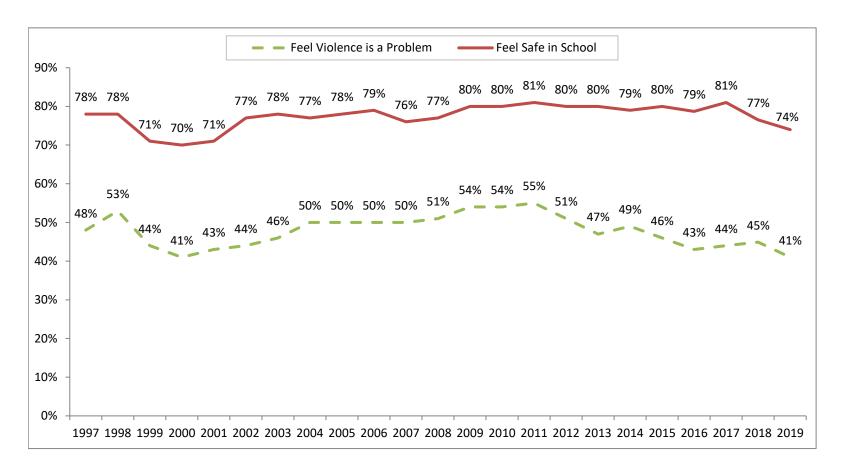


#### Note:

Displayed percentiles are rounded to the nearest whole number

### Sources:

# TRENDS IN PERCEPTIONS OF SCHOOL SAFETY AMONG DELAWARE EIGHTH GRADERS 1997-2019

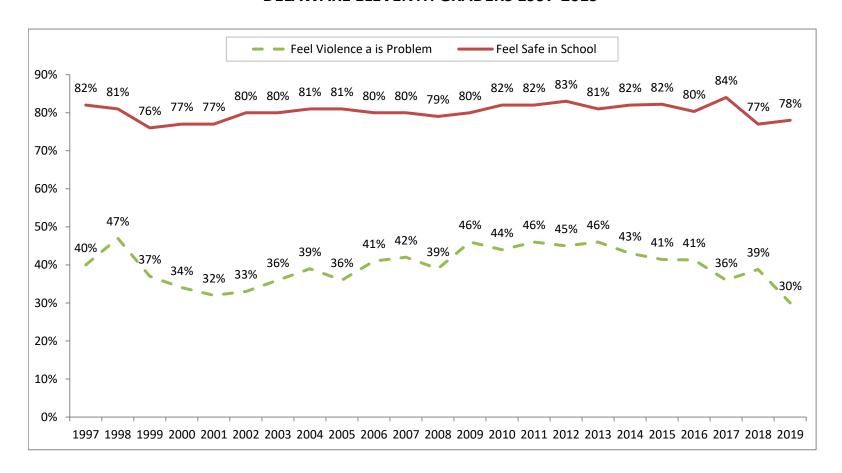


#### Note:

Displayed percentiles are rounded to the nearest whole number

### Sources:

# TRENDS IN PERCEPTIONS OF SCHOOL SAFETY AMONG DELAWARE ELEVENTH GRADERS 1997-2019



### Note:

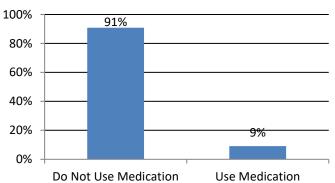
Displayed percentiles are rounded to the nearest whole number

### Sources:

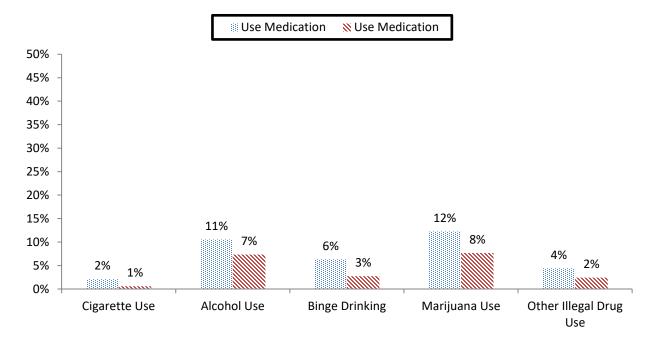
### Ritalin/Psychoactive Medication with a Prescription and Other Drug Use Among Delaware Eighth Graders

The table on the right shows that approximately one out of eight Delaware eighth graders reported using Ritalin or other psychoactive medication with a prescription. 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 Ritilan or Other Psychoactive Medication

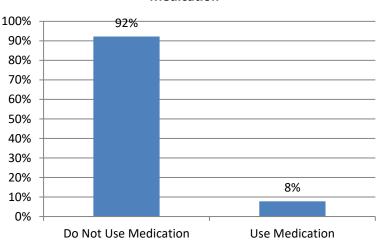


### Note:

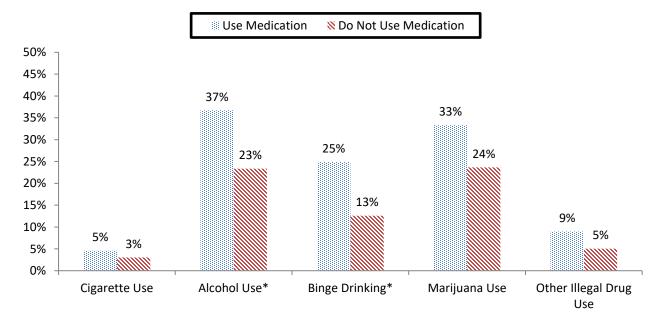
### Ritalin/Psychoactive Medication with a Prescription and Other Drug Use Among Delaware Eleventh Graders

The table on the right shows that approximately one out of nine Delaware eleventh graders reported using Ritalin or other psychoactive medication with a prescription. 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 <.05).

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



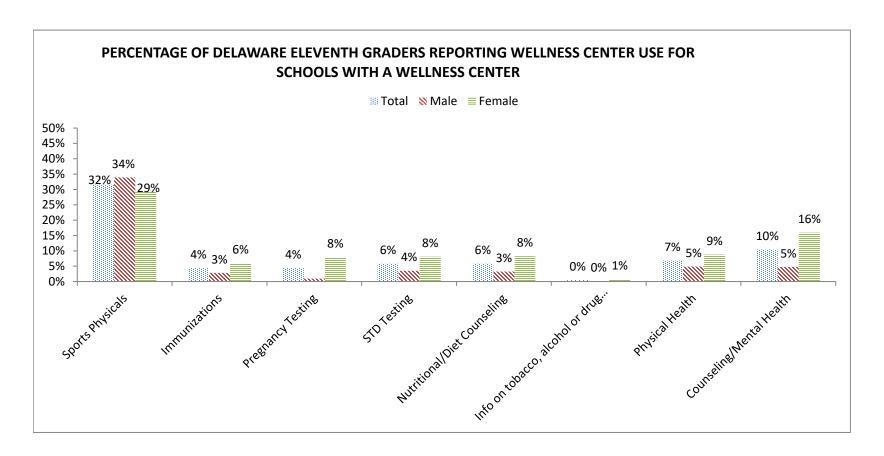
# Past Month Substance Abuse Among Delaware Eleventh Graders Who Use and Do Not Use Ritilan or Other Psychoactive Medication



### Notes:

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

<sup>\*</sup> Indicates the differences is **NOT** statistically significant (p<.05)



### Notes:

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

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

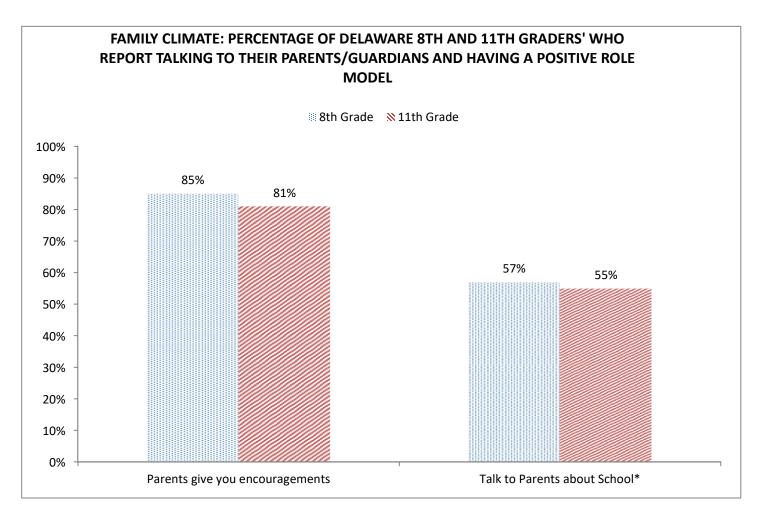
Not all schools have Wellness Centers. Bar chart displays results for only schools with a wellness center.

### V. <u>Family Environment</u>

Perceived Family Climate: Do Chores, Family Activities, and Talks

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

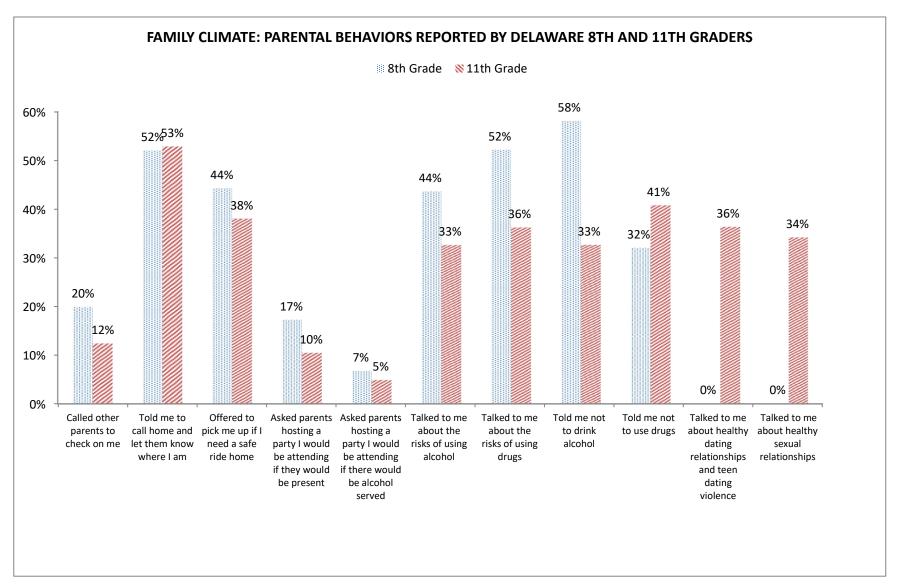
Fighting/Arguing with Parents



### Notes:

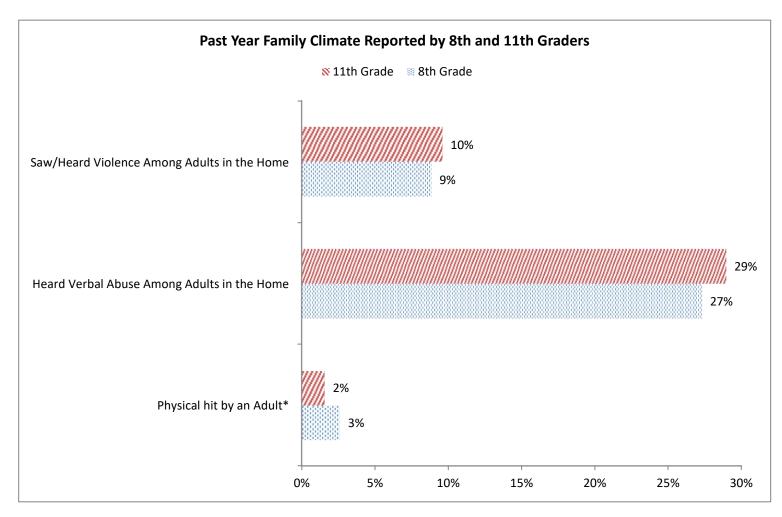
Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to this rounding.

<sup>\*</sup> Students reported either "most of the time" or "often"



### Note:

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



### Notes:

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

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

<sup>\*</sup> In the past month

### VI. Other Risk Behaviors and Consequences

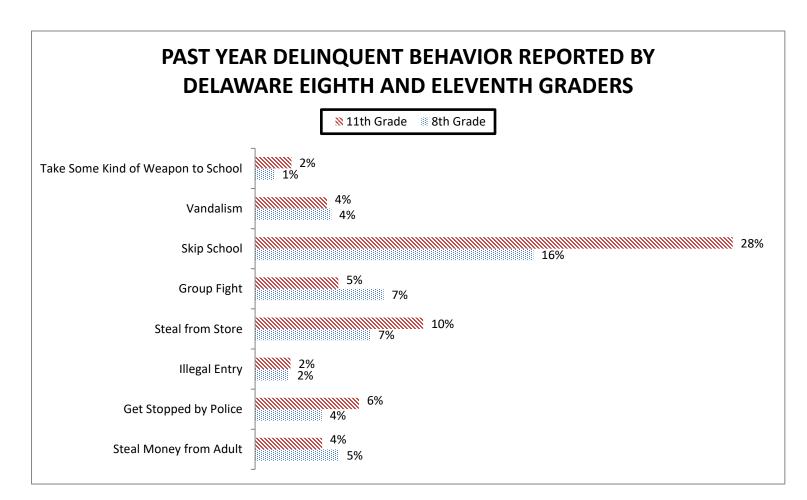
Delinquency: Arrests, Suspensions, Group Fights, Hitting, Stealing, Trespassing, Weapon-Carrying, Vandalism, and Selling/Giving Drugs

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 among 8th and 11th Graders

Trends over Time in Report of Past Month Drinking and Driving and of Past Month Marijuana Use and Driving, 1989-2018 among 11th Graders

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

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

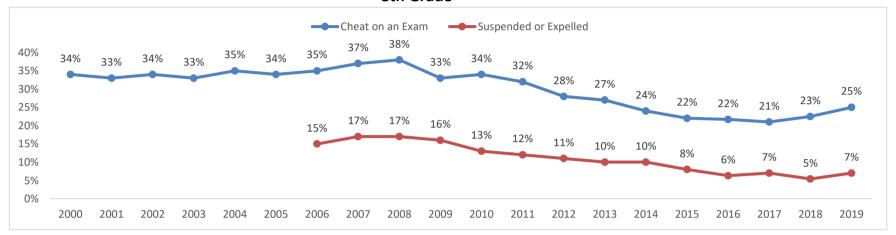


### Note:

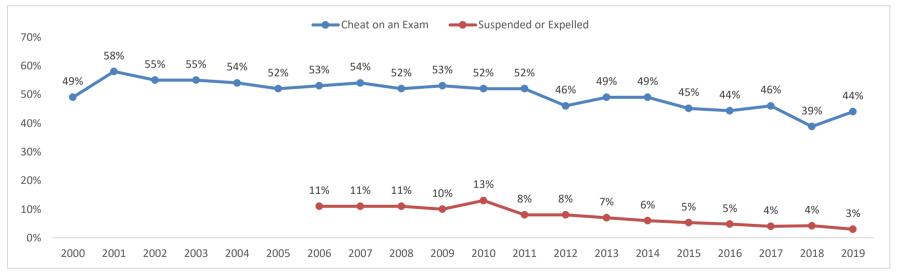
Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to this rounding.

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

## 8th Grade



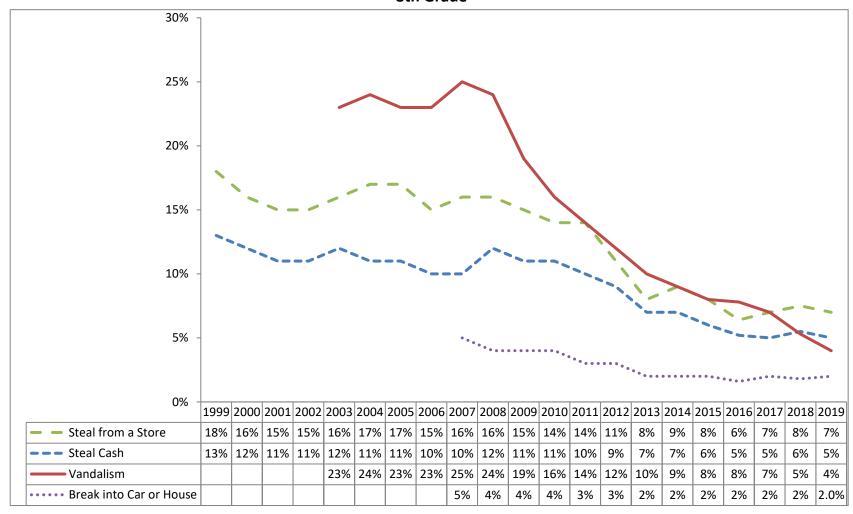
## 11th Grade



Note:

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

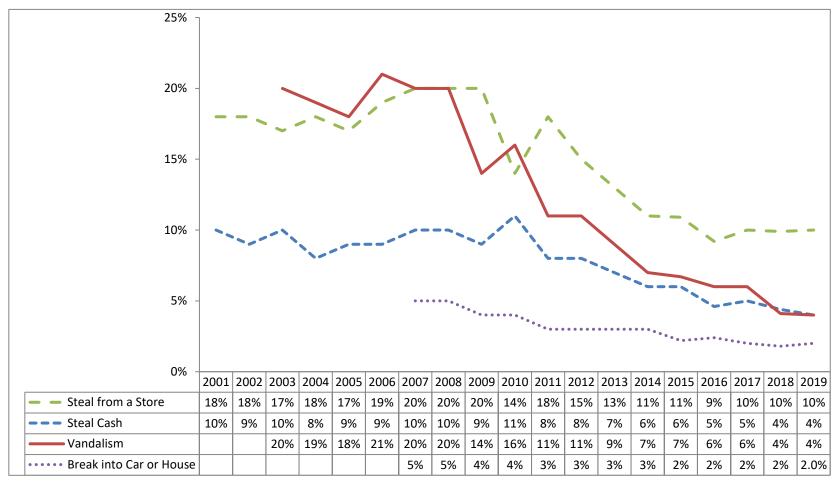
# TRENDS IN DELAWARE STUDENTS' DELINQUENCY Past Year Reports of Property Crimes 8th Grade



### Note:

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

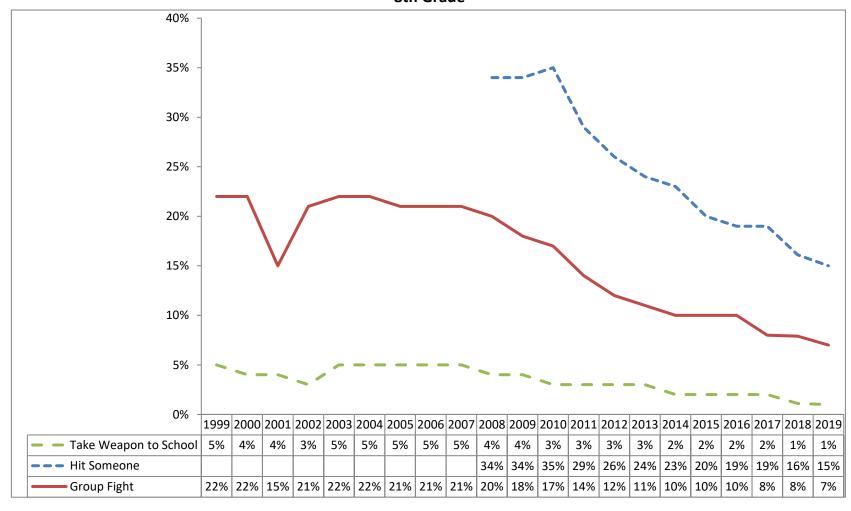
# TRENDS IN DELAWARE STUDENTS' DELINQUENCY Past Year Reports of Property Crimes 11th Grade



#### Note:

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

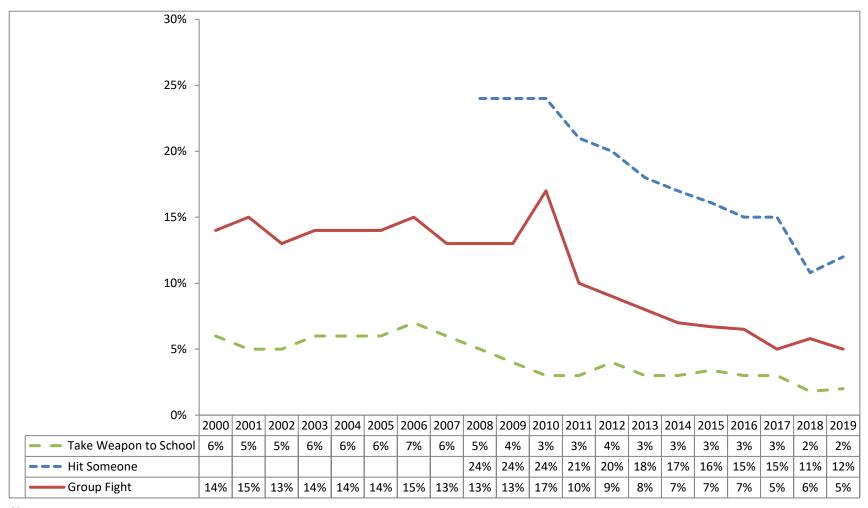
# TRENDS IN DELAWARE STUDENTS' DELINQUENCY Past Year Reports of Violence 8th Grade



#### Note:

Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to this rounding. Source: Delaware School Survey, Center for Drug and Health Studies, University of Delaware (1999-2019)

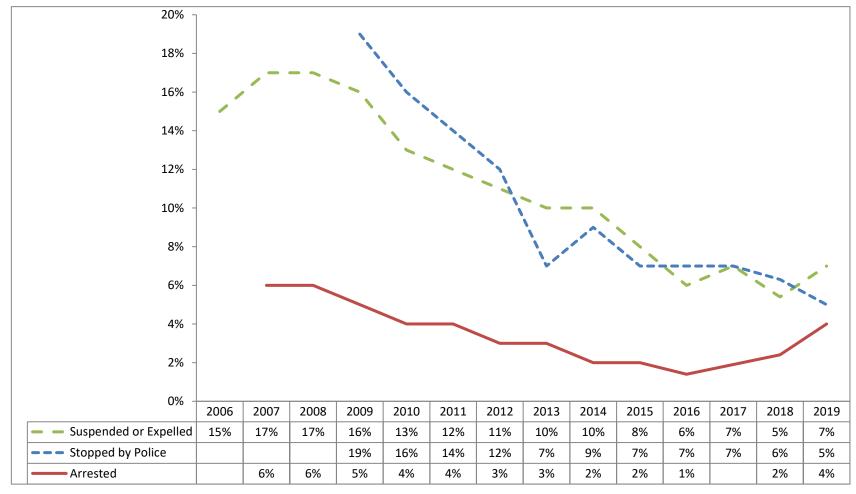
# TRENDS IN DELAWARE STUDENTS' DELINQUENCY Past Year Reports of Violence 11th Grade



#### Note:

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

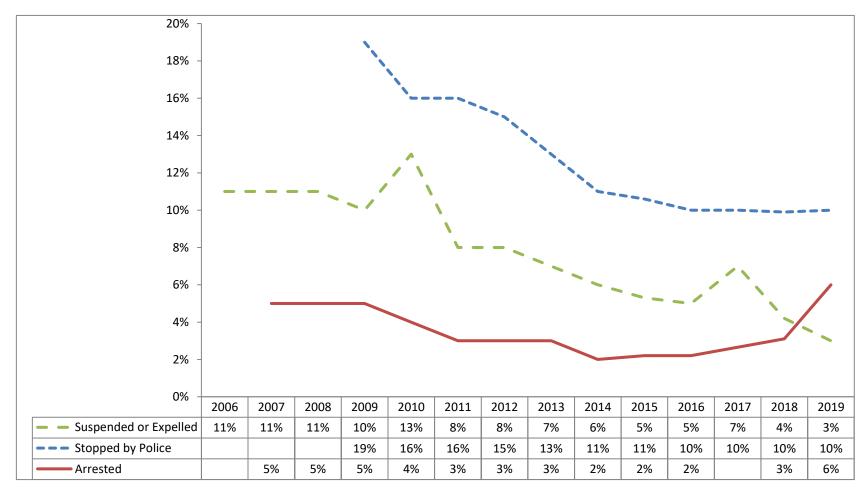
# TRENDS IN DELAWARE STUDENTS' DELINQUENCY Past Year Reports of Consequences 8th Grade



### Notes:

Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to this rounding. In 2017, the arrest in past year question was not asked.

# TRENDS IN DELAWARE STUDENTS' DELINQUENCY Past Year Reports of Consequences 11th Grade

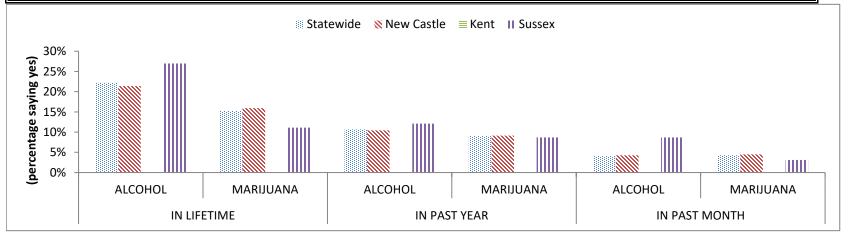


#### Notes:

Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to this rounding. In 2017, the arrest in past year question was not asked.

# 2019 DELAWARE EIGHTH GRADERS' REPORTS OF RIDING IN A CAR WITH A DRIVER WHO WAS UNDER THE INFLUENCE

	IN LIFETIME		IN PAS	ST YEAR	IN PAST MONTH			
	ALCOHOL	MARIJUANA	ALCOHOL	MARIJUANA	ALCOHOL	MARIJUANA		
<u>Statewide</u>	22%	15%	11%	9%	4%	4%		
<u>Males</u>	17%	13%	8%	9%	3%	5%		
<u>Females</u>	28%	17%	13%	9%	5%	4%		
New Castle	21%	16%	10%	9%	4%	5%		
<u>Males</u>	16%	14%	8%	9%	3%	5%		
<u>Females</u>	27%	18%	13%	10%	6%	4%		
Kent								
<u>Males</u>								
<u>Females</u>								
Sussex	27%	11%	12%	9%	9%	3%		
<u>Males</u>	19%	12%	10%	9%	2%	3%		
<u>Females</u>	33%	11%	14%	8%	4%	3%		



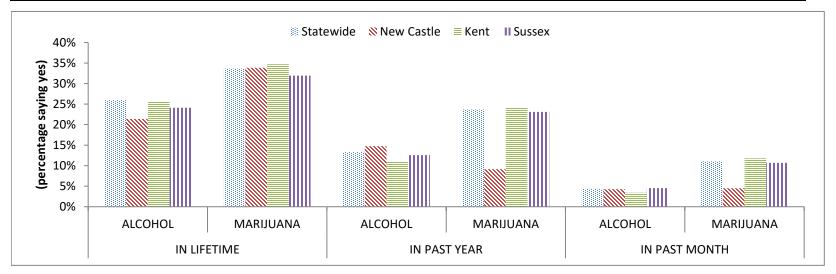
Notes:

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

Due to scheduling conflicts no 8th grade classes in Kent participated

# 2018 DELAWARE ELEVENTH GRADERS' REPORTS OF RIDING IN A CAR WITH A DRIVER WHO WAS UNDER THE INFLUENCE

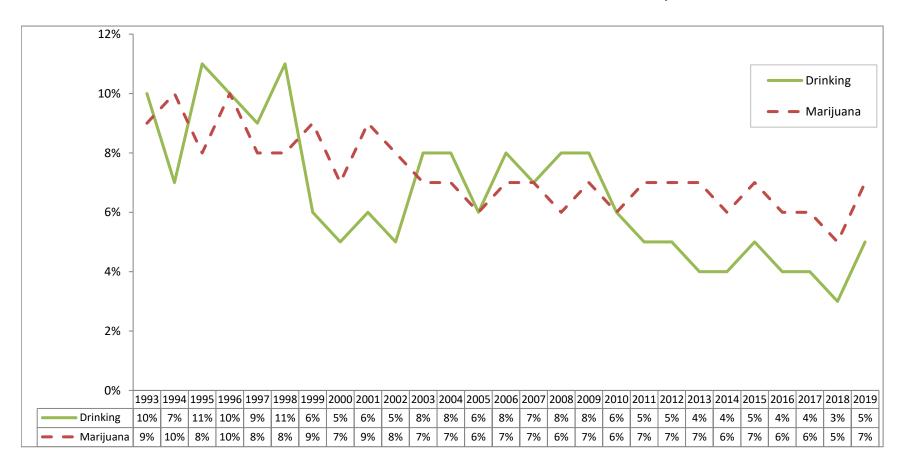
	IN LIFETIME		IN PAS	T YEAR	IN PAST MONTH				
	ALCOHOL	MARIJUANA	ALCOHOL	MARIJUANA	ALCOHOL	MARIJUANA			
<u>Statewide</u>	26%	34%	13%	24%	4%	11%			
<u>Males</u>	24%	33%	12%	23%	4%	13%			
<u>Females</u>	28%	35%	15%	24%	4%	10%			
New Castle	21%	34%	15%	9%	4%	5%			
<u>Males</u>	25%	34%	13%	23%	5%	12%			
<u>Females</u>	29%	34%	17%	24%	4%	9%			
Kent	26%	35%	11%	24%	3%	12%			
<u>Males</u>	24%	31%	11%	23%	3%	14%			
<u>Females</u>	26%	38%	17%	25%	4%	10%			
Sussex	24%	32%	13%	23%	5%	11%			
<u>Males</u>	23%	31%	11%	23%	4%	12%			
<u>Females</u>	25%	33%	14%	25%	5%	10%			



### Note:

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

# TRENDS IN DELAWARE ELEVENTH GRADERS' REPORT OF DRINKING AND DRIVING AND REPORT OF SMOKING MARIJUANA AND DRIVING, 1993-2018



#### Note:

Displayed percentiles are rounded to the nearest whole number.

Past month reports of drinking/smoking and driving.

Source: Data Base/DiagnosticsPlus (1990-1993); Department of Public Instruction (1994); Delaware School Delaware School Survey, Center for Drug and Health Studies, University of Delaware (1995-2019).

## VII. Parental Involvement and Students' Substance Use

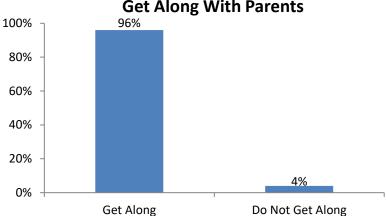
Get Along with Parents, Argue with Parents, Talk to Parents, Parents Volunteer at School, and Students' Drug Use

Household Members' Smoking and Students' Drug Use

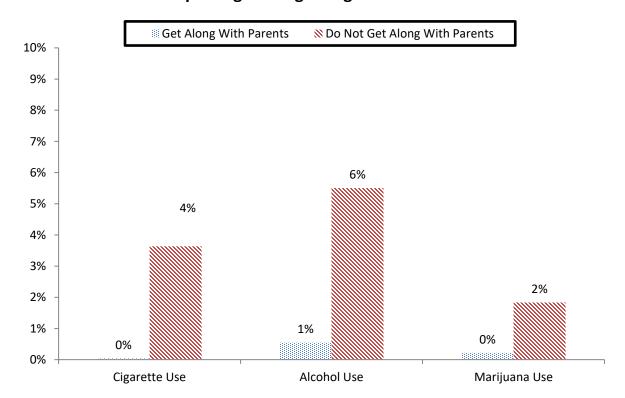
# Past Month Substance Abuse Among Delaware Fifth Graders by Getting Along With Their Parents

# Percent of Delaware Fifth Graders Who Get 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.



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

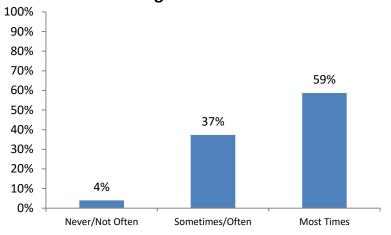


Note: Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to this rounding.

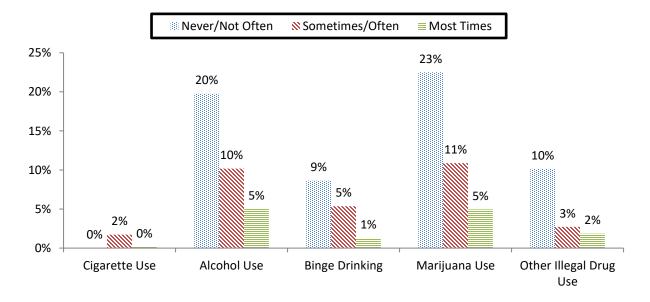
## Past Month Substance Abuse Among Delaware Eighth Graders by Getting Along With Their Parents

# How Often Delaware Eighth Graders Get Along Well 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.



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



### Notes:

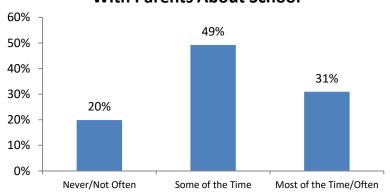
Displayed percentiles are rounded to the nearest whole number. Bar charts may differ due to this rounding. Source: 2019 Delaware School Survey, Center for Drug and Health Studies, University of Delaware.

<sup>&</sup>quot;Binge Drinking" is defined as three or more drinks at a time in the last two weeks.

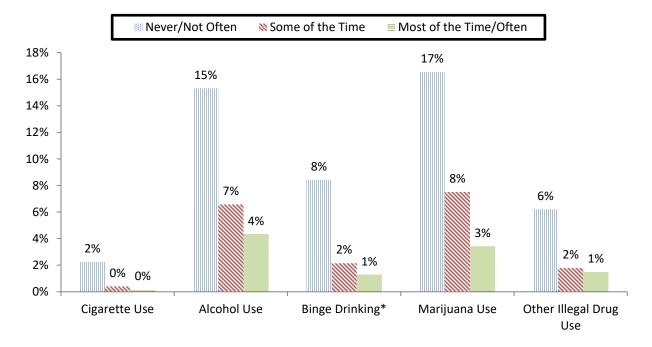
## Past Month Substance Abuse Among Delaware Eighth Graders by Talking With Parents About School

# How Often Delaware Eighth Graders Talk 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).



## Past Month Substance Abuse Among Delaware Eighth Graders who Talk With Parents about School



#### Notes:

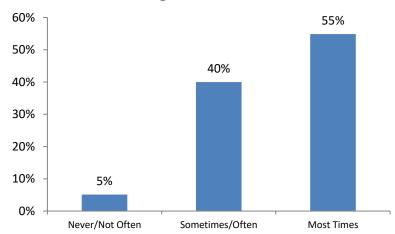
"Binge Drinking" is defined as three or more drinks at a time in the last two weeks.

Displayed percentiles are rounded to the nearest whole number.

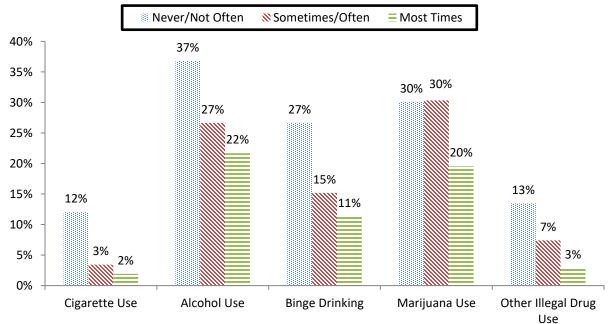
## Past Month Substance Abuse Among Delaware Eleventh Graders by Getting Along With Their Parents

## 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



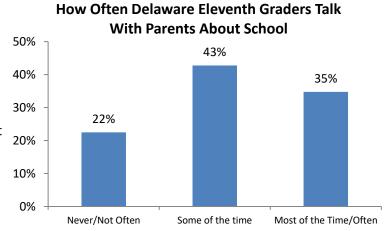
### Notes:

Displayed percentiles are rounded to the nearest whole number.

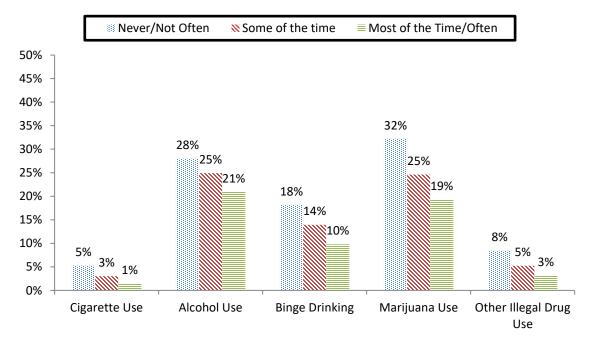
<sup>&</sup>quot;Binge Drinking" is defined as three or more drinks at a time in the last two weeks.

## 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).



## Past Month Substance Abuse Among Delaware Eleventh Graders who talk with Parents about School



## Notes:

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

Displayed percentiles are rounded to the nearest whole number.

VIII. How Do the Data for Delaware

Compare With What is Happening

Nationally?

# COMPARISON OF RECENT NATIONAL AND DELAWARE ESTIMATES OF CIGARETTES, ALCOHOL, AND MARIJUANA AMONG MIDDLE SCHOOL STUDENTS

	CIGARETTES		ALCOHOL		MARIJUANA	
	<u>Past</u>	<u>Past</u>	<u>Past</u>	<u>Past</u>	<u>Past</u>	<u>Past</u>
	<u>Year</u> *	<u>Month</u>	<u>Year</u> *	<u>Month</u>	<u>Year</u> *	<u>Month</u>
2019 8 <sup>th</sup> Grade Delaware	5%	1%	17%	8%	12%	8%
2018 8 <sup>th</sup> Grade MTF	*	2%	19%	8%	12%	7%
2018 8 <sup>th</sup> Grade Delaware	2%	1%	18%	8%	8%	7%
2019 6 <sup>th</sup> — 8 <sup>th</sup> Grade YRBS-Delaware	*	1%	*	5%	*	3%

#### Notes:

Displayed percentiles are rounded to the nearest whole number.

#### Sources:

2019 Monitoring the Future Study (MTF), University of Michigan

2019 Delaware Youth Risk Behavior Survey, Center for Drug and Health Studies, University of Delaware.

<sup>\*</sup> Indicates that no estimate is available.

# COMPARISON OF RECENT NATIONAL AND DELAWARE ESTIMATES OF CIGARETTES, ALCOHOL, AND MARIJUANA AMONG HIGH SCHOOL STUDENTS

	CIGARETTES		ALCOHOL		MARIJUANA	
	<u>Past</u>	<u>Past</u>	<u>Past</u>	<u>Past</u>	<u>Past</u>	<u>Past</u>
	<u>Year</u> *	<u>Month</u>	<u>Year</u> *	<u>Month</u>	<u>Year</u> *	<u>Month</u>
2019 11 <sup>th</sup> Grade Delaware	6%	3%	47%	24%	38%	24%
2019 12 <sup>th</sup> Grade MTF	*	6%	52%	29%	36%	22%
2018 11 <sup>th</sup> Grade Delaware	7%	3%	46%	22%	35%	22%
2019 9 <sup>th</sup> — 12 <sup>th</sup> Grade YRBS-Delaware	*	5%	*	25%	*	24%

### Notes:

Displayed percentiles are rounded to the nearest whole number.

## Source:

2019 Monitoring the Future Study (MTF), University of Michigan

2019 Delaware Youth Risk Behavior Survey, Center for Drug and Health Studies, University of Delaware.

<sup>\*</sup> Indicates that no estimate is available.