# 2024 Louisiana Caring Communities Youth Survey (CCYS)

Plaquemines Parish Schools

# **2024 LOUISIANA**

# Caring Communities Youth Survey

# Sponsored by



Karen Stubbs Church, J.D., Assistant Secretary



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# The LCCYS was conducted by Cecil J. Picard Center for Child Development and Lifelong Learning, University of Louisiana at Lafayette This report was created by Bach Harrison, L.L.C.

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# INTRODUCTION

### **2024 Plaquemines Parish Schools CCYS Summary**

This report summarizes the findings from the 2024 Louisiana Caring Communities Youth Survey (CCYS), a survey of 6th, 8th, 10th, and 12th grade students conducted in the fall of 2024 and completed February 2025. The survey window was extended into the spring semester to give schools more flexibility in scheduling their survey. Schools are given the option to administer the survey online or via pencil paper. All schools choose the online platform for administration in 2024. The results in this report are presented along with comparisons to past years' results. In addition, the report contains important information about the content of the survey, and suggestions and guidelines on how to interpret and use the data for prevention planning.

The Louisiana CCYS was originally designed to assess students' involvement in a specific set of problem behaviors, as well as their exposure to a set of scientifically validated risk and protective factors identified in the Risk and Protective Factor Model of adolescent problem behaviors. These risk and protective factors have been shown to predict the likelihood of academic success, school dropout, substance abuse, violence, and delinquency among youth. The CCYS continues to evolve and several modifications were made to the current survey. Current changes include reducing the number of items to 115, adding a adolescence problem gambling risk scale, adding questions that measure school climate and reformatting the CCYS report.

The Characteristics of participants table contains the characteristics of the students who completed the survey. A total of 340 schools across Louisiana participated in the survey. Since students are able to select more than one race or ethnicity, the sum of students of individual categories may exceed the total number of students surveyed. Because not all students answer all of the

questions, the total count of students by gender (and less frequently, students by ethnicity) may be less than the reported total students.

Comparisons between the number of students completing the survey and the student enrollment in your community and the state are shown on the Survey Completion Rate table. The total percentage of students completing the survey and the percentage from each grade are shown in the "Participation Rate" column.

The sample for 2024 is one of convenience. Each school designates a date(s) and time(s) for students to complete the survey. Therefore students absent on the designated date may not be surveyed. Additional exclusionary criteria may prohibit a student from participating. Parents may not give permission to participate via passive consent or a student can opt out via informed assent. When using the information in this report, please pay attention to the number of students who participated from your community. If **60% or more** of the students participated, the report may be a better indicator of the levels of substance use, risk and protection and school climate than participation rates below 60%. However, caution should be used when making inferences due to issues that arise from using a sample of convenience. Samples that are nonrepresentative of a population, regardless of participation rates may not be valid.

Coordination and administration of the Louisiana CCYS was a collaborative effort of Louisiana Department of Health, Office of Behavioral Health (OBH); Regional Prevention Coordinators; Department of Education; Cecil J. Picard Center for Child Development and Lifelong Learning, University of Louisiana at Lafayette; and Bach Harrison, L.L.C. For more information about the CCYS or prevention services in Louisiana, please refer to the Contacts for Prevention section at the end of this report.

### Characteristics of participants\*

	Parish	2020	Parish	2022	Parish	2024	State	2024
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
What grade are you in?								
6	200	25.5	207	37.0	164	22.3	15,911	31.9
8	337	43.0	245	43.8	173	23.5	14,847	29.8
10	149	19.0	55	9.8	230	31.3	11,008	22.1
12	97	12.4	53	9.5	168	22.9	8,046	16.2
All grades	783	100.0	560	100.0	735	100.0	49,812	100.0
Are you:								
Male	395	50.6	258	46.3	354	48.9	22,449	46.6
Female	385	49.4	299	53.7	370	51.1	25,715	53.4
What is your race? (Select of	ne or more)†							
African American	294	31.8	211	29.8	214	23.0	20,433	33.1
American Indian	35	3.8	19	2.7	27	2.9	2,119	3.4
Asian	59	6.4	50	7.1	72	7.7	1,969	3.2
Hispanic or Latino	92	10.0	86	12.1	112	12.0	7,094	11.5
Pacific Islander	7	0.8	6	0.8	10	1.1	413	0.7
White	393	42.5	247	34.9	418	44.8	23,047	37.3
Unkown/Other	44	4.8	89	12.6	79	8.5	6,706	10.9

Survey	Completion	on Rate													
	Parish 2024 State 2024														
	Survey Respondents	Number enrolled	Participation Rate	Survey Respondents	Number enrolled	Participation Rate									
Grade															
6	164	198	82.8	15,911	49,399	32.2									
8	173	233	74.2	14,847	51,564	28.8									
10	230	287	80.1	11,008	52,512	21.0									
12	168	273	61.5	8,046	43,389	18.5									
Total	735	991	74.2	49,812	204,341	24.4									

Characteristics table provides demographic information for the survey participants in your community. Survey Completion Rate table provides estimated enrollment and survey completion rate information for your community.

Please note that in order to be included in the charts and tables in this report, grades must meet a minimum cutoff of 10 participating students. However, data are presented in Characteristics & Completion Rate for all participating grades, even those grades surveyed that did not meet minimum cutoff criteria.

# UNDERSTANDING THE CHARTS

There are three major categories of data presented in this report, representing nine types of charts:

### Drug use profiles:

- 1. Gateway drug use charts
- 2. Other illicit drug use charts
- 3. Severe substance use indicator charts
- 4. Perception of Parental Dissaproval/Risk
- 5. Community norms reguarding alcohol use
- 6. Environmental risk factor charts

### Antisocial behavior and gambling profiles:

- 7. Antisocial behavior (ASB) charts
- 8. Gambling charts

Risk and protective factors, alcohol environmental risk factors and mental health and suicide indicators:

- 9. Risk factor charts
- 10. Protective factor charts

### **Drug Use Profiles**

There are three types of use measured on the drug use charts.

**Gateway drug use** measures lifetime and 30-day use rates for alcohol, tobacco, marijuana, and inhalants.

**Other illicit drug use** measures lifetime and 30-day use rates for a variety of illicit drugs, including cocaine, heroin, and methamphetamine.

**Severe substance use** is the percentage of youth indicating having been drunk or high at school, and youth indicating drinking alcohol and driving or reporting riding with a driver who had been drinking alcohol.

### Antisocial Behavior and Gambling Profiles

**Antisocial behavior (ASB)** profiles show the percentage of youth who reported antisocial behaviors, including suspension from school, selling illegal drugs, and

attacking another person with the intention of doing them serious harm.

Gambling profiles share data on past year gambling behavior and include data from the Brief Adolescent Gambling Scale (BAGS), which was added to the 2024 CCYS and past-year gambling behavior based on seven types of gambling (i.e., lottery, bingo, Fantasy Sports, sporting event gambling, betting on cards, dice games, and betting on games of skill).

Questions categorized as "High risk for problem gambling" score are from the Brief Adolescent Gambling Scale (BAGS), which was comprised of three questions ("How often have you skipped hanging out with friends who do not gamble/bet to hang out with friends who do gamble/bet?", "In the past 3 months, how often have you felt that you might have a problem with gambling/betting?", and "How often have you hidden your gambling/betting from your parents, other family members or teachers?". The "High risk for problem gambling" score value is calculated by first coding responses to the three questions as follows: Never (0), Sometimes (1), Most of the time (2), Almost Always (3). Total scores of 4-9 suggest the student is at high risk for problem gambling.

### Mental Health and Suicide Indicators

Mental health and suicide indicators data explore two main areas: mental health indicators (including depression-related indicators) and suicide-related indicators.

Mental Health Related Indicators includes data regarding student use of doctor-prescribed mental health/behavior medications and feelings of serious depression.

A second part, the depressive symptoms scale, is also reported. This part is calculated from student responses to the following statements:

- Sometimes I think that life is not worth it.
- At times I think I am no good at all.
- All in all, I am inclined to think that I am a failure.
- In the past year, have you felt depressed or sad MOST days, even if you felt OK sometimes?

These four depressive symptoms questions were scored on a scale of 1 to 4 (NO!, no, yes, YES!). The survey respondents were divided into three groups. The first group was the High Depressive Symptoms group who scored at least a mean of 3.75 on the depressive symptoms. This meant that those individuals marked *Definitely Yes* to all four items or marked *Somewhat Yes* to one item and *Definitely Yes* to three. The second group was the No Depressive Symptoms group who marked *Definitely No* to all four of the items, and the third group was a middle group who comprised the remaining respondents.

**Suicide Related Indicators** are based on a series of questions about suicide. These questions provide information about suicidal ideation and attempts of suicide (e.g., "During the past 12 months, did you ever seriously consider attempting suicide?" and "During the past 12 months, how many times did you actually attempt suicide?"). This section also shares data regarding loss of friends or family to suicide.

### Community and School Climate and Safety

These charts present data related to perceived importance of school, positive school environment, student concerns about their school environment, perceived school safety, and bullying.

# Environmental Risk Factors, Mental Health Risk and Risk and Protective Factors

**Alcohol environmental risk factor charts** show alcohol availability in the community, and insights into community norms on alcohol related issues.

**Prescription drug environmental risk factor charts** show prescription drug availability in the community.

**Vape environmental risk factor charts** show vape availability in the community.

Mental health and suicide charts show the percentage of youth with mental health needs, currently using medication to manage mental health, and at risk for suicide. **Risk factor charts** show the percentage of youth who are considered "higher risk" across a variety of risk factor scales.

**Protective factor charts** show the percentage of youth who are considered high in protection across a variety of protective factor scales.

### Additional Tables in this Report

**Appendix A** provides a list of changes to questions between survey administrations.

**Appendix B** provides data tables demonstrating (for the State of Louisiana) the relationship between perceived parental acceptability of use and actual student use.

**Appendix C** provides data that can support Drug Free Communities (DFC) grantees.

**Appendix D** provides National, State, and Regional contacts for prevention

**Appendix E** provides an explanation of the scales that measure the risk and protective factors shown in the profiles

### Understanding the Format of the Charts

There are several graphical elements common to all the charts. Understanding the format of the charts and what these elements represent is essential in interpreting the results of the 2024 CCYS survey.

The Bars - in the substance use and antisocial behavior charts represent the percentage of students in that grade who reported a given behavior. The bars on the risk and protective factor charts represent the percentage of students whose answers reflect significant risk or protection in that category.

Each set of differently colored bars represents one of the last three administrations of the CCYS: 2020, 2022, and 2024. By looking at the percentages over time, it is possible to identify trends in substance use and antisocial behavior. By studying the percentage of youth at risk and with protection over time, it is possible to determine whether the percentage of students at risk or with

protection is increasing, decreasing, or staying the same. This information is important when deciding which risk and protective factors warrant attention.

**Dots, Diamonds, Triangles, and Xs** - provide points of comparison to larger samples. The dots on the charts represent the percentage of all of the youth surveyed across Louisiana who reported substance use, problem behavior, elevated risk, or elevated protection.

For the 2024 CCYS Survey, there were 49,812 participants in grades 6, 8, 10, and 12, out of 204,341 enrolled, a participation rate of 24.3%. The fact that over 49,000 students across the state participated in the CCYS make the state dot a good estimate of the rates of Alcohol, Tobacco and Other Drug (ATOD) use and levels of risk and protective factors of youth in Louisiana. The survey results provide considerable information for communities to use in planning prevention services.

Diamonds represent national data from the Monitoring the Future (MTF) study, a long-term epidemiological study that surveys trends in drug and alcohol use among American adolescents. Funded by research grants from the National Institute on Drug Abuse, it features nationally representative samples of 8th, 10th, and 12th-grade students.

Triangles represent national data from the Bach Harrison Norm. The Bach Harrison Norm was developed by Bach Harrison L.L.C. to provide states and communities with the ability to compare their results on risk, protection, and antisocial measures with more national measures. Survey participants from eight statewide surveys and five large regional surveys across the nation were combined

into a database of approximately 460,000 students. The results were weighted to make the contribution of each state and region proportional to its share of the national population. Bach Harrison analysts then calculated rates for antisocial behavior and for students at risk and with protection. The results appear on the charts as BH Norm. In order to keep the Bach Harrison Norm relevant, it is updated approximately every two years as new data become available.

The Xs represent national mental health data gathered by the 2023 Youth Risk Behavior Survey (YRBS). Comparison data are available for grades 10 and 12 on the topics of suicide and depression. (Note these are national data, not data from the Louisiana Youth Risk Behavior Survey.)

A comparison to state-wide and national results provides additional information for your community in determining the relative importance of levels of alcohol, tobacco and other drug (ATOD) use, antisocial behavior, risk, and protection. Information about other students in the state and the nation can be helpful in determining the seriousness of a given level of problem behavior. Scanning across the charts, it is important to observe the factors that differ the most from the Bach Harrison Norm. This is the first step in identifying the levels of risk and protection that are higher or lower than those in other communities. The risk factors that are higher than the Bach Harrison Norm and the protective factors that are lower than the Bach Harrison Norm are probably the factors your community should consider addressing when planning prevention programs.

# DRUG USE PROFILES

The charts and tables that follow present the substance use rates for your community for 6th, 8th, 10th and 12th grade students who completed the survey. The first set of substance use charts cover the "Gateway Drugs" most commonly used by youth (alcohol, tobacco, marijuana and inhalants). The second set of substance use charts include a variety of important, but less commonly used illicit drugs such as cocaine, heroin, methamphetamine, and prescription narcotics. Finally, the last set of substance use charts present indicators of severe substance use, the percentage indicating they used substances in school, and students involved in drinking and driving.

Each chart represents students from a single grade. The bars on each chart represent the percentage of students in the indicated sample (e.g. school, parish, or region) reporting substance use, and related behaviors or perceptions. The **dots** on the charts represent the same data for all students of that grade surveyed in the state of Louisiana. The **diamonds** and **triangles** represent national data included to allow a comparison of your data to a national sample of students, either the Monitoring the Future (MTF) Survey (*lifetime*, 30-day, and heavy use), and the Bach Harrison Norm (severe substance use) respectively. The Bach Harrison Norm is available for grades 6 through 12 while MTF only surveys grades 8, 10, and 12.

A comparison to state and national results provides additional information for your community in

determining the relative importance of levels of ATOD use. Information about other students in the region and the nation can be helpful in determining the seriousness of a given level of problem behavior. Scanning across the charts will help you gain a better understanding of the substance use (consumption) issues affecting your community.

The following definitions and descriptions provide information for the substance use and severe substance use charts that follow.

- **Lifetime use** is a measure of the percentage of students who tried the particular substance at least once in their lifetime and is used to show the percentage of students who have had experience with a particular substance.
- **30-day use** is a measure of the percentage of students who used the substance at least once in the 30 days prior to taking the survey and is a more sensitive indicator of the level of current use of the substance.
- Heavy use includes binge drinking (having five or more drinks in a row during the two weeks prior to the survey) and smoking one-half a pack or more of cigarettes per day.
- Severe substance use indicators include student responses regarding drinking alcohol and driving, riding with a drinking driver, being drunk, being drunk or high at school, binge drinking.

# ATOD USE AND ENVIROMENTAL RISK FACTOR PROFILES

The charts and tables that follow are intended to provide prevention professionals with data that are helpful in understanding the predictors and causes of substance use in your community. Data in the risk and protective factor profiles will provide you with an overview of the levels of risk and protection in your community. The Alcohol Environmental Risk Factors charts present data relevant to several community domain variables associated with increased alcohol consumption.

### Alcohol Environmental Risk Factor Profiles

The alcohol environmental risk factors profiles include the percentage of students who obtained alcohol from specific sources and survey data gathered to shed light on the community norms about alcohol use. Percentages for the sources of alcohol are based upon only those students who reported having used alcohol in the past year. (Sample sizes are noted in the chart legend.)

Student perceptions of community norms are drawn from all students surveyed, regardless of whether they reported any alcohol use.

# Prescription Drug Environmental Risk Factor Profiles

The prescription drug environmental risk factors profiles include the percentage of students who obtained prescription drugs from specific sources. Percentages for the sources of prescription drugs are based upon only those students who reported having abused prescription drugs in the past year. (Sample sizes are noted in the chart legend.)

### Risk and Protective Factor Profiles

The risk and protective factor charts show the percentage of students at risk and with protection for each of the risk and protective factor scales. The risk and protective

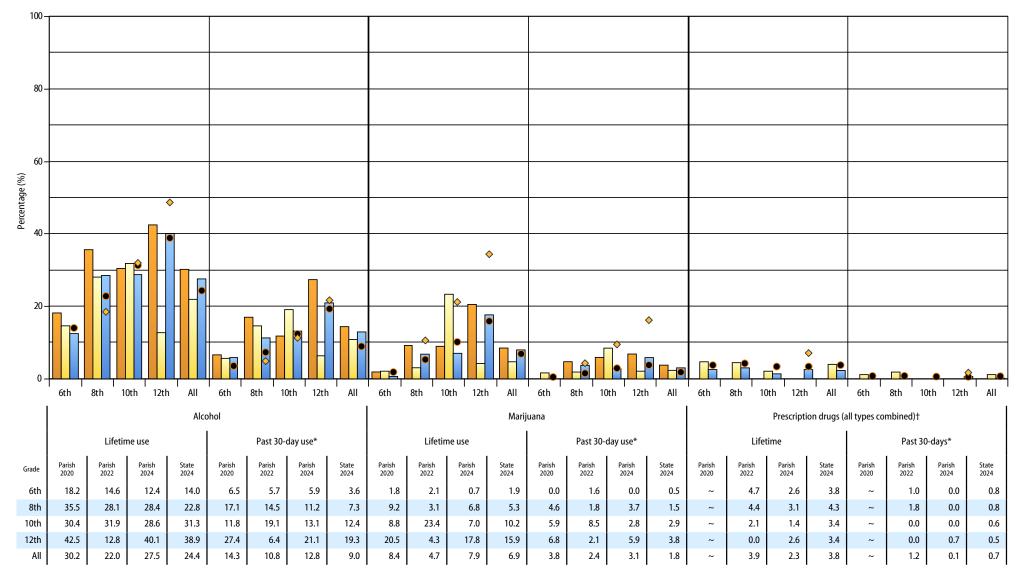
factor scales measure specific aspects of a youth's life experience that are predictive of whether he/she will engage in problem behaviors. Higher risk and lower protection predict a greater likelihood that a youth with engage in problem behaviors, while lower risk and higher protection predict a greater likelihood that youth will not engage in problem behaviors.

The factors are grouped into four domains: community, family, school, and peer/individual. Brief definitions of the risk and protective factors scales are provided in Appendix E at the end of this report. For more information about risk and protective factors, please refer to the resources listed under Contacts for Prevention in Appendix D at the end of this report.

Consistent with the other charts in this report the bars represent your community's levels of risk and protection, the dots represent the Louisiana state average, and the triangles represent a national comparison through the Bach Harrison norm, where available. Scanning across the charts, it is important to observe the factors that differ the most from the Bach Harrison Norm

This is the first step in identifying the levels of risk and protection that are higher or lower than those in other communities. The risk factors that are higher than the Bach Harrison Norm and the protective factors are lower than the Bach Harrison Norm are probably the factors that your community should consider addressing when planning prevention programs. By looking at the percentage of youth at risk and with protection over time, it is possible to determine whether the percentage of students at risk or with protection is increasing, decreasing, or staying the same. This information is important when deciding which risk and protective factors warrant attention.

# Gateway drug use profile - Alcohol, marijuana, and prescription drugs Plaquemines Parish Schools 2024 Student Survey

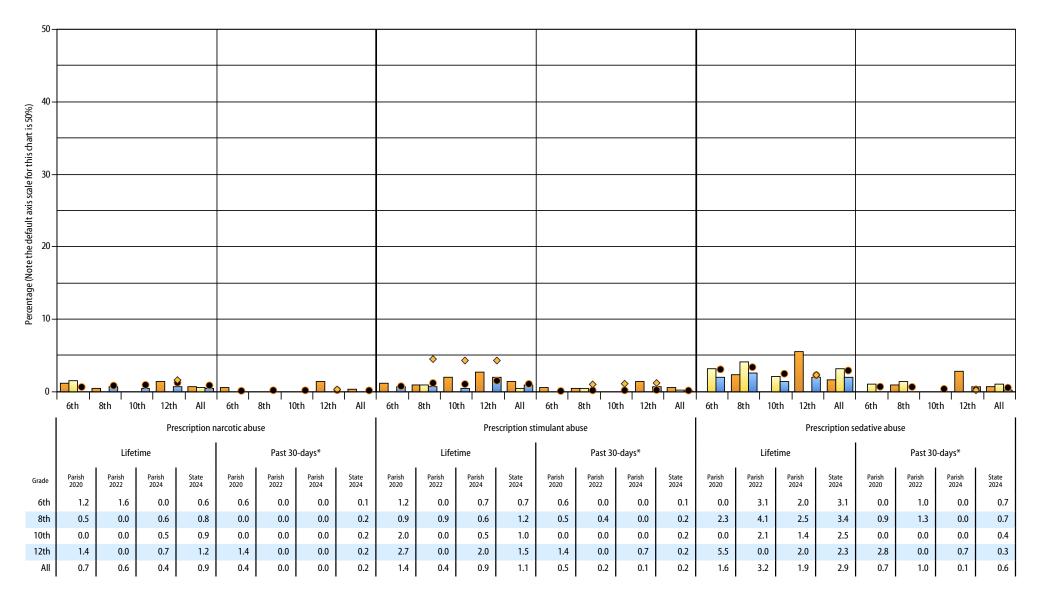


<sup>\*</sup> Since not all students answer all questions, the percentage of students reporting use in the past 30 days may be greater than the percentage reporting lifetime use.

<sup>\*\*</sup> National comparison data are available for 8th, 10th, and 12th grade only. Monitoring the Future does not survey 6th graders.

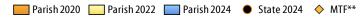
<sup>† &</sup>quot;Prescription drug abuse" is a combined measure showing the total rate of abuse of any prescription stimulant, prescription sedative, prescription tranquilizer, or prescription narcotic drugs.

### Gateway drug use profile - Prescription drugs Plaquemines Parish Schools 2024 Student Survey

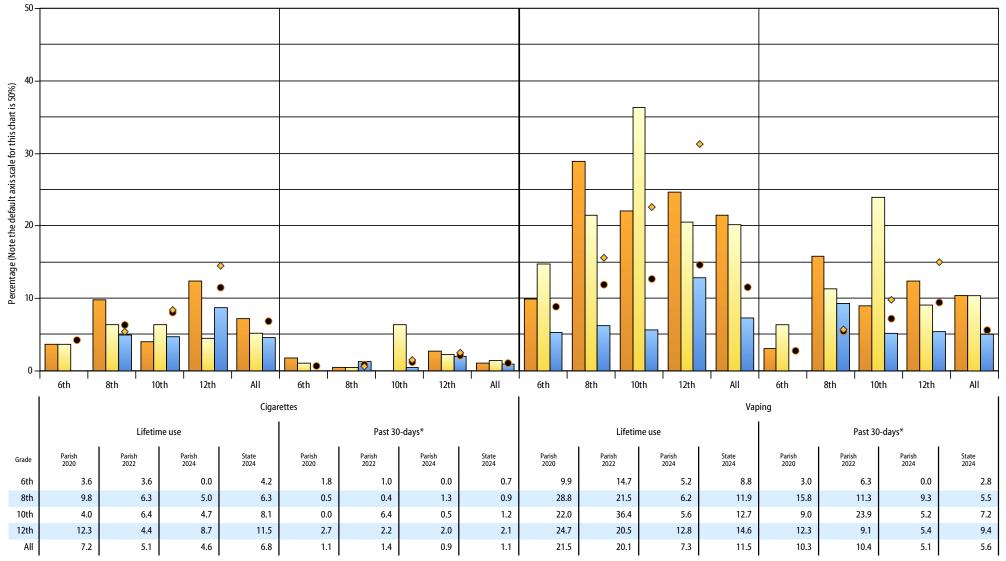


<sup>\*</sup> Since not all students answer all questions, the percentage of students reporting use in the past 30 days may be greater than the percentage reporting lifetime use.

<sup>\*\*</sup> National comparison data are available for 8th, 10th, and 12th grade only. Monitoring the Future does not survey 6th graders.



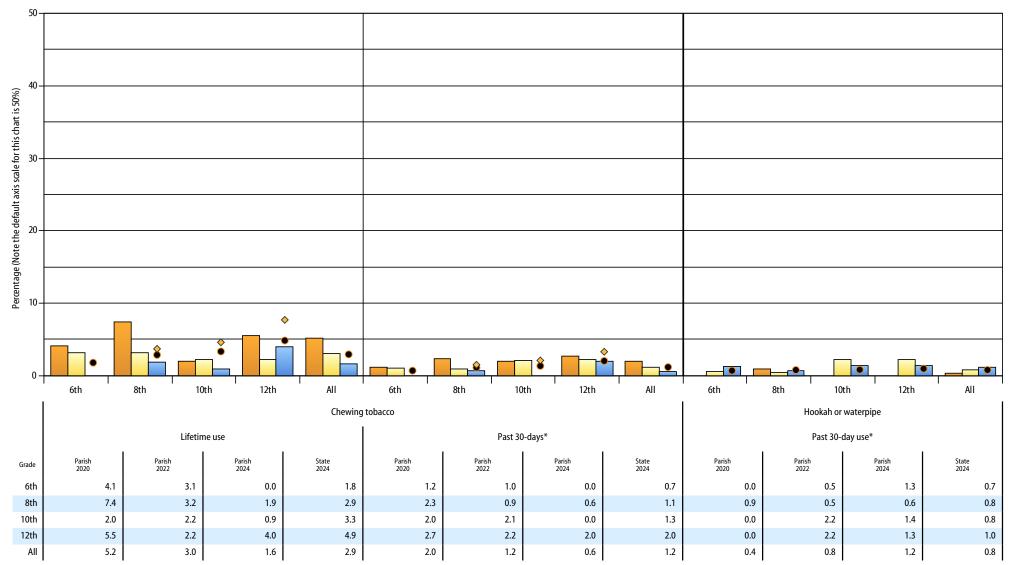
# Gateway drug use profile - Cigarettes and vaping products Plaquemines Parish Schools 2024 Student Survey



<sup>\*</sup> Since not all students answer all questions, the percentage of students reporting use in the past 30 days may be greater than the percentage reporting lifetime use.

<sup>\*\*</sup> National comparison data are available for 8th, 10th, and 12th grade only. Monitoring the Future does not survey 6th graders.

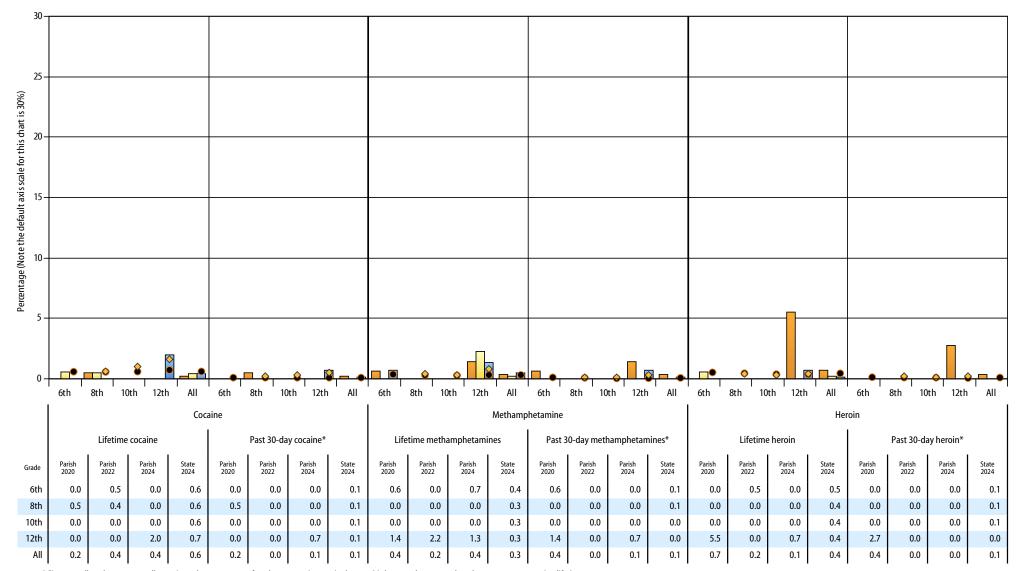
# Gateway drug use profile - Other tobacco products Plaquemines Parish Schools 2024 Student Survey



<sup>\*</sup> Since not all students answer all questions, the percentage of students reporting use in the past 30 days may be greater than the percentage reporting lifetime use.

<sup>\*\*</sup> National comparison data are available for 8th, 10th, and 12th grade only. Monitoring the Future does not survey 6th graders.

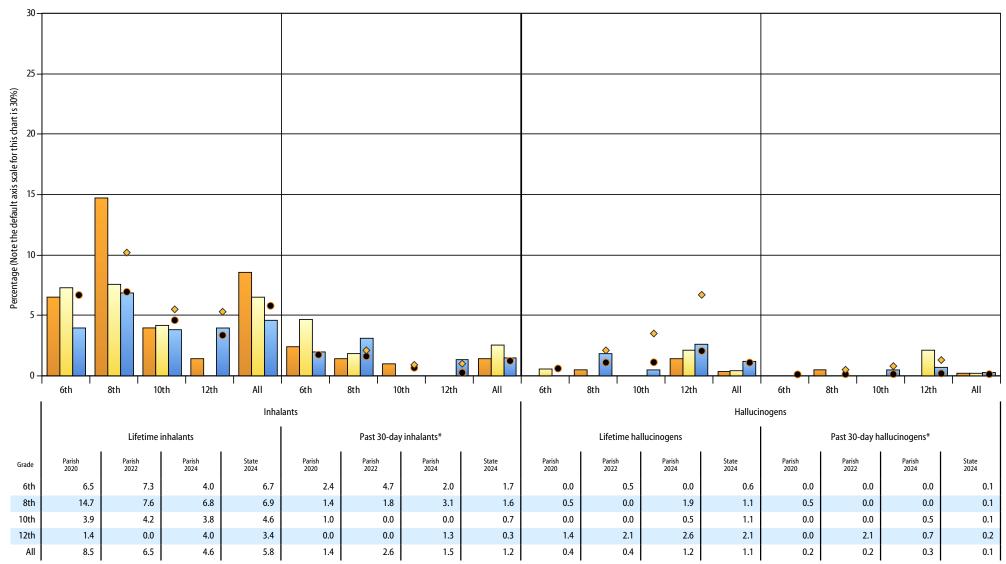
# Other illicit drug use profile - Cocaine, methamphetamine, heroin Plaquemines Parish Schools 2024 Student Survey



<sup>\*</sup> Since not all students answer all questions, the percentage of students reporting use in the past 30 days may be greater than the percentage reporting lifetime use.

<sup>\*\*</sup> National comparison data are available for 8th, 10th, and 12th grade only. Monitoring the Future does not survey 6th graders.

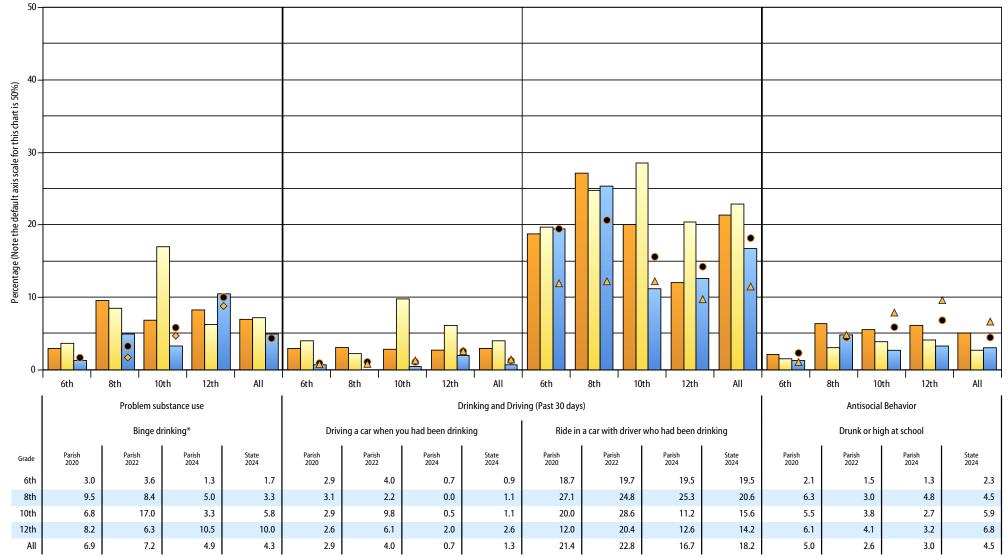
# Other illicit drug use profile - Inhalants, hallucinogens, steroids, synthetics Plaquemines Parish Schools 2024 Student Survey



<sup>\*</sup> Since not all students answer all questions, the percentage of students reporting use in the past 30 days may be greater than the percentage reporting lifetime use.

<sup>\*\*</sup> National comparison data are available for 8th, 10th, and 12th grade only. Monitoring the Future does not survey 6th graders.

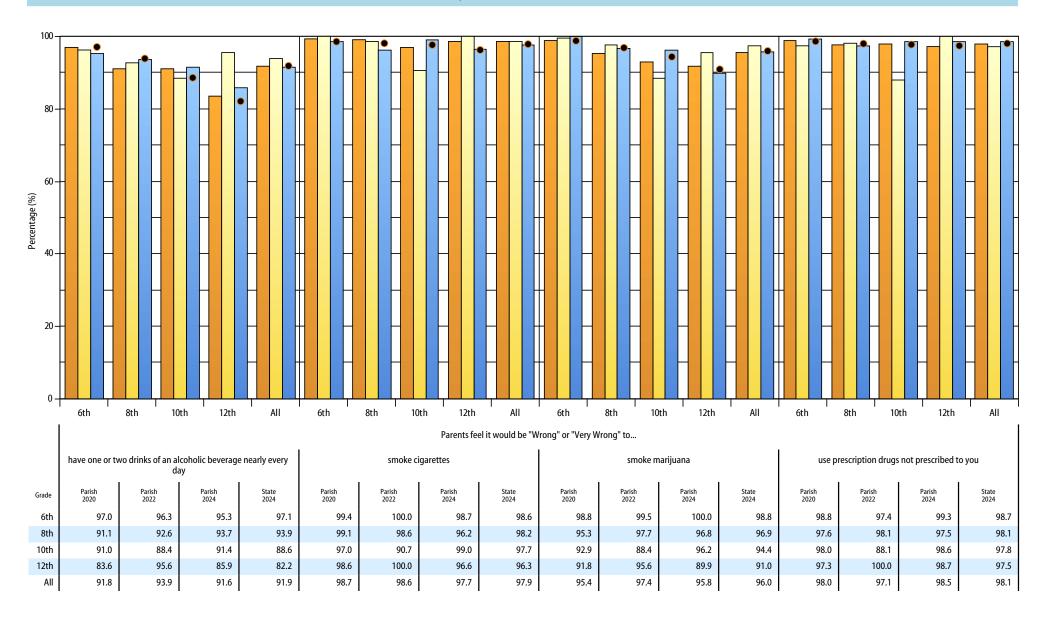
# Severe substance use indicators Plaquemines Parish Schools 2024 Student Survey



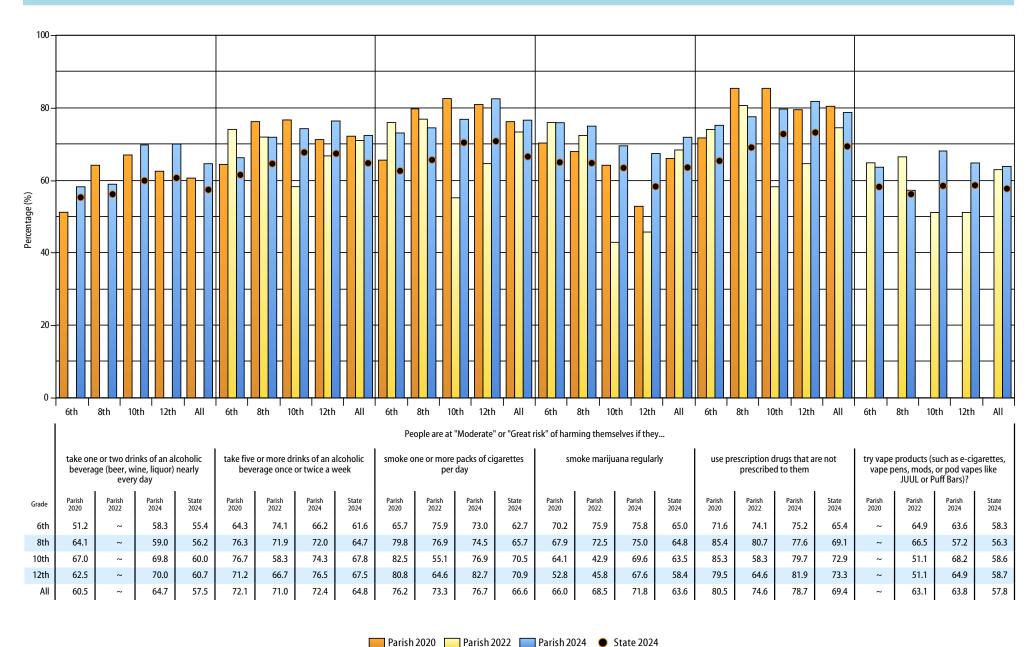
<sup>\*</sup> Since not all students answer all questions, the percentage of students reporting binge drinking may be greater than the percentage reporting 30-day alcohol use.

<sup>\*\*</sup> National comparison data are available for 8th, 10th, and 12th grade only. Monitoring the Future does not survey 6th graders.

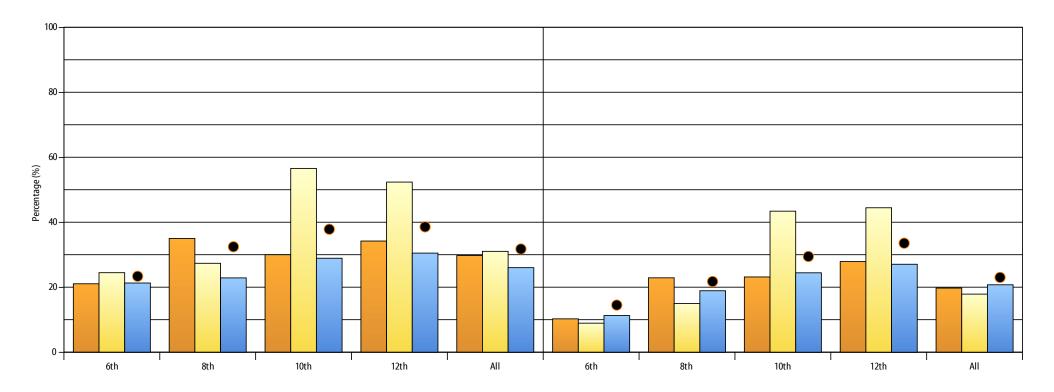
# Perception of parental disapproval Plaquemines Parish Schools 2024 Student Survey



## Perception of risk Plaquemines Parish Schools 2024 Student Survey

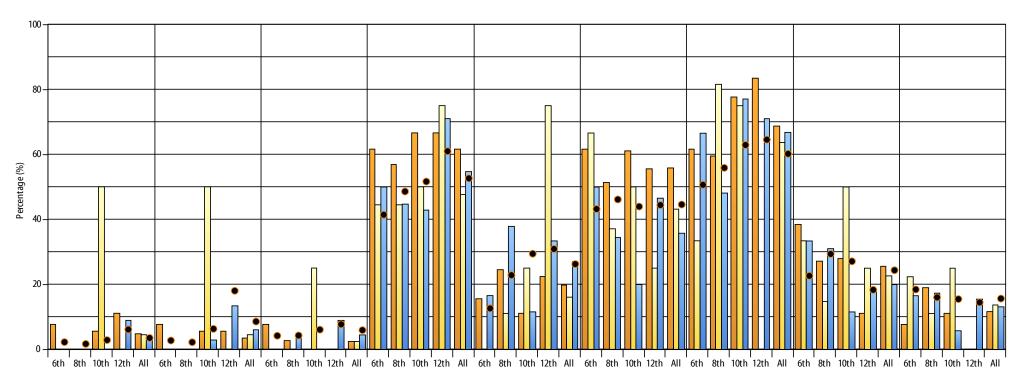


## Community Norms Regarding Alcohol Use Plaquemines Parish Schools 2024 Student Survey



			If you used alcohol	the past year (12 months), how d	lid you get it? (Students respondir	ng 1 or more times)		
	Students answering 'NO!' or 'n	o' to the following question: If so they get caugh	meone was drinking and driving t by the police?	in your neighborhood, would	Students answering 'NO!' or '	no' to the following question: If the would he or she be		cohol in your neighborhood,
Grade	Parish 2020	Parish 2022	Parish 2024	State 2024	Parish 2020	Parish 2022	Parish 2024	State 2024
6th	21.0	24.3	21.3	23.4	10.1	8.9	11.3	14.5
8th	34.9	27.4	22.9	32.5	22.8	15.0	19.0	21.8
10th	30.0	56.5	28.9	37.9	23.0	43.5	24.5	29.5
12th	34.2	52.3	30.4	38.6	27.8	44.4	27.0	33.6
All	29.7	31.1	26.1	31.8	19.6	17.9	20.8	23.0

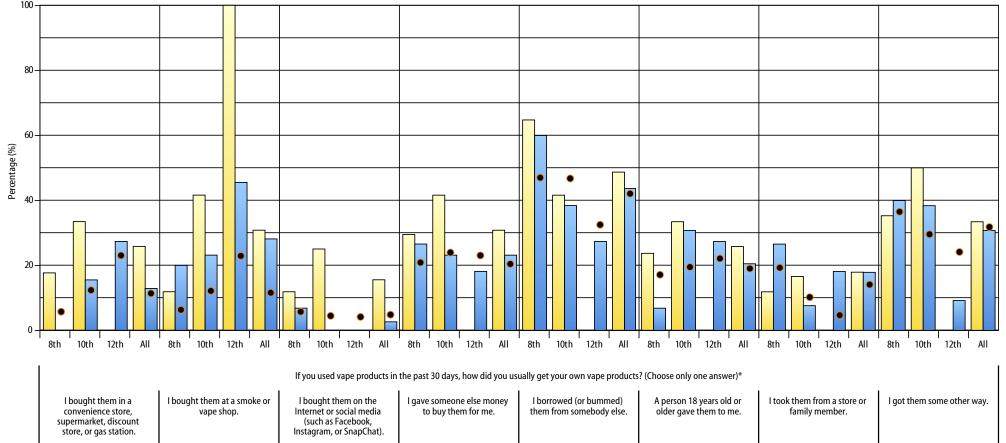
# Alcohol Environmental Risk Factors: Sources of Obtaining Alcohol (of past-year alcohol users)\* Plaquemines Parish Schools 2024 Student Survey



											If	you use	ed alcol	nol the	past ye	ar (12 m	onths)	how di	d you g	et it? (S	tudent	s respor	nding 1	or more	e times)	*										
	store	I bought it myself from a store, restaurant, bar, or club with fake ID.  Parish Parish Parish Parish State 2020 2022 2024 2024 2024 2024 2020 2022 2024 2024 2020 2022 2024 2024 2020 2022 2024 2024 2020 2022 2024 2024 2020 2022 2024 2024 2020 2022 2024 2024 2020 2022 2024 2024 2020 2022 2024 2024 2020 2022 2024 2024 2024 2020 2022 2024 2024 2020 2022 2024 2024 2020 2022 2024 2024 2024 2020 2022 2024									,	t for		it from ow age 2			,	it from ow und		-	m	ember d	m a fam or relativ my pare	/é			home v permiss			got it fro thout m permi	y paren		l go	ot it ano	ther wa	ay.
Grade	Parish 2020	Parish 2022	Parish 2024	State 2024	Parish 2020	Parish 2022	Parish 2024	State 2024	Parish 2020	Parish 2022	Parish 2024	State 2024	Parish 2020	Parish 2022	Parish 2024	State 2024	Parish 2020	Parish 2022	Parish 2024	State 2024	Parish 2020	Parish 2022	Parish 2024	State 2024	Parish 2020	Parish 2022	Parish 2024	State 2024	Parish 2020	Parish 2022	Parish 2024	State 2024	Parish 2020	Parish 2022	Parish 2024	State 2024
6th	7.7	0.0	0.0	2.3	7.7	0.0	0.0	2.8	7.7	0.0	0.0	4.2	61.5	44.4	50.0	41.5	15.4	0.0	16.7	12.6	61.5	66.7	50.0	43.3	61.5	33.3	66.7	50.7	38.5	33.3	33.3	22.7	7.7	22.2	16.7	18.5
8th	0.0	0.0	0.0	1.7	0.0	0.0	0.0	2.2	2.7	0.0	3.4	4.3	56.8	44.4	44.8	48.7	24.3	11.1	37.9	22.9	51.4	37.0	34.5	46.2	59.5	81.5	48.3	55.9	27.0	14.8	31.0	29.4	18.9	11.1	17.2	16.0
10th	5.6	50.0	0.0	2.9	5.6	50.0	2.9	6.3	0.0	25.0	0.0	6.1	66.7	50.0	42.9	51.7	11.1	25.0	11.4	29.5	61.1	50.0	20.0	44.0	77.8	75.0	77.1	63.0	27.8	50.0	11.4	27.2	11.1	25.0	5.7	15.5
12th	11.1	0.0	8.9	6.1	5.6	0.0	13.3	18.1	0.0	0.0	8.9	7.8	66.7	75.0	71.1	61.1	22.2	75.0	33.3	30.9	55.6	25.0	46.7	44.5	83.3	0.0	71.1	64.6	11.1	25.0	17.8	18.4	0.0	0.0	15.6	14.5
All	4.7	4.5	3.5	3.6	3.5	4.5	6.1	8.6	2.3	2.3	4.3	5.9	61.6	47.7	54.8	52.7	19.8	15.9	27.0	26.3	55.8	43.2	35.7	44.6	68.6	63.6	67.0	60.3	25.6	22.7	20.0	24.4	11.6	13.6	13.0	15.7

<sup>\*</sup> These data represent youth who had drank alcohol (not just a sip or taste) in the past year and chose at least one source of obtaining them. If this represents fewer than ten students, the sample is considered too small to produce reliable results and the data are removed. If no data are available, state data are displayed instead.

### Vape Environmental Risk Factors: Vape sources (of past-month vape product users)\* Plaquemines Parish Schools 2024 Student Survey

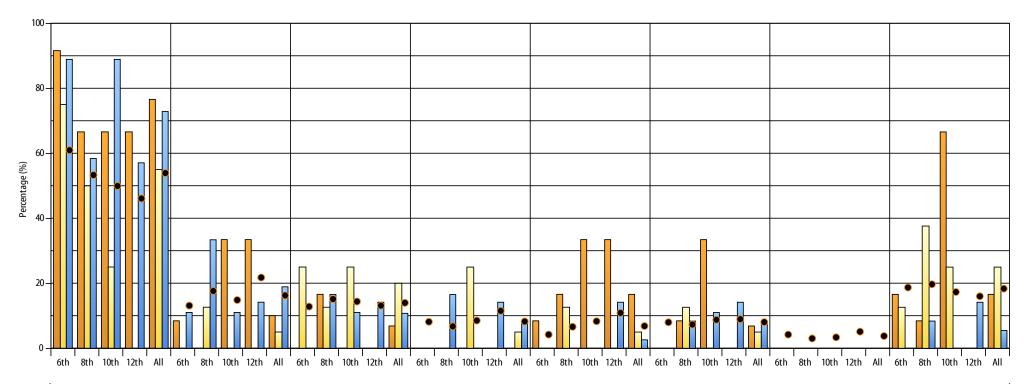


									If yo	ou used v	ape pro	ducts in	the past	: 30 days	, how did	l you us	ually get	your ow	n vape p	products	? (Choos	se only o	ne answ	er)*								
	co sup	onvenier ermarke	them in a nce store et, discou as statio	e, int	l boug	jht them vape	at a sm shop.	oke or	Inte (s	ought the ernet or se such as Fa agram, or	ocial me acebook	dia .,			ne else m em for m			rrowed (on from so				erson 18 er gave t				them fro family m			l got t	them sor	me other	way.
Grade	Parish 2020	Parish 2022	Parish 2024	State 2024	Parish 2020	Parish 2022	Parish 2024	State 2024	Parish 2020	Parish 2022	Parish 2024	State 2024	Parish 2020	Parish 2022	Parish 2024	State 2024	Parish 2020	Parish 2022	Parish 2024	State 2024	Parish 2020	Parish 2022	Parish 2024	State 2024	Parish 2020	Parish 2022	Parish 2024	State 2024	Parish 2020	Parish 2022	Parish 2024	State 2024
8th	~	17.6	0.0	5.7	~	11.8	20.0	6.3	~	11.8	6.7	5.7	~	29.4	26.7	20.9	~	64.7	60.0	47.0	~	23.5	6.7	17.1	~	11.8	26.7	19.3	~	35.3	40.0	36.5
10th	~	33.3	15.4	12.4	~	41.7	23.1	12.2	~	25.0	0.0	4.5	~	41.7	23.1	24.0	~	41.7	38.5	46.8	~	33.3	30.8	19.5	~	16.7	7.7	10.2	~	50.0	38.5	29.6
12th	~	0.0	27.3	23.1	~	100.0	45.5	22.9	~	0.0	0.0	4.1	~	0.0	18.2	23.1	~	0.0	27.3	32.5	~	0.0	27.3	22.1	~	0.0	18.2	4.7	~	0.0	9.1	24.1
All	~	25.6	12.8	11.4	~	30.8	28.2	11.6	~	15.4	2.6	4.8	~	30.8	23.1	20.5	~	48.7	43.6	42.1	~	25.6	20.5	19.0	~	17.9	17.9	14.1	~	33.3	30.8	31.8

<sup>\*</sup> These data represent youth who had used vape products in the past month and chose at least one source of obtaining them. If this represents fewer than ten students, the sample is considered too small to produce reliable results and the data are removed. If no data are available, state data are displayed instead.

Parish 2022 Parish 2024 • State 2024

# Prescription Drug Environmental Risk Factors: Sources of Obtaining Prescription Drugs\* Plaquemines Parish Schools 2024 Student Survey



											Where d	lid you g	et the pi	rescriptio	on drugs	you mis	used du	ring the	past yea	r? (Mark	ALL tha	t apply.)										
	Fror	n a presc	ription I	had		nd or far ive it to r				ook it fro nember				l got it a	t a party		l bou	ght it fro strai	m a dea nger	er or		ght it fro family n		nd or	l bou	ıght it or	the inte	ernet	l go	t it some	e other w	<i>ı</i> ay
Grade	Parish 2020	Parish 2022	Parish 2024	State 2024	Parish 2020	Parish 2022	Parish 2024	State 2024	Parish 2020	Parish 2022	Parish 2024	State 2024	Parish 2020	Parish 2022	Parish 2024	State 2024	Parish 2020	Parish 2022	Parish 2024	State 2024	Parish 2020	Parish 2022	Parish 2024	State 2024	Parish 2020	Parish 2022	Parish 2024	State 2024	Parish 2020	Parish 2022	Parish 2024	State 2024
6th	91.7	75.0	88.9	61.0	8.3	0.0	11.1	13.1	0.0	25.0	0.0	12.8	0.0	0.0	0.0	8.2	8.3	0.0	0.0	4.2	0.0	0.0	0.0	8.0	0.0	0.0	0.0	4.2	16.7	12.5	0.0	18.7
8th	66.7	50.0	58.3	53.4	0.0	12.5	33.3	17.7	16.7	12.5	16.7	15.2	0.0	0.0	16.7	6.8	16.7	12.5	0.0	6.6	8.3	12.5	8.3	7.3	0.0	0.0	0.0	3.0	8.3	37.5	8.3	19.7
10th	66.7	25.0	88.9	50.0	33.3	0.0	11.1	14.9	0.0	25.0	11.1	14.4	0.0	25.0	0.0	8.6	33.3	0.0	0.0	8.3	33.3	0.0	11.1	8.8	0.0	0.0	0.0	3.4	66.7	25.0	0.0	17.3
12th	66.7	٧	57.1	46.2	33.3	٧	14.3	21.8	0.0	~	14.3	13.1	0.0	٧	14.3	11.5	33.3	٧	14.3	10.9	0.0	٧	14.3	9.0	0.0	٧	0.0	5.1	0.0	~	14.3	16.0
All	76.7	55.0	73.0	54.0	10.0	5.0	18.9	16.3	6.7	20.0	10.8	14.0	0.0	5.0	8.1	8.3	16.7	5.0	2.7	6.9	6.7	5.0	8.1	8.1	0.0	0.0	0.0	3.8	16.7	25.0	5.4	18.4

<sup>\*</sup> These data represent youth who had misused prescription drugs in the past year and chose at least one source of obtaining them. If this represents fewer than ten students, the sample is considered too small to produce reliable results and the data are removed. If no data are available, state data are displayed instead.

### Perceived vs. actual ATOD use\*

			6t	th			81	th			10	th			12	th			Α	II	
		Parish 2020	Parish 2022	Parish 2024	State 2024																
Smake signrettes every day	Perceived use	2.7	2.6	1.5	6.5	11.3	8.3	9.3	11.3	11.7	9.2	12.6	18.3	13.1	7.1	13.0	17.6	9.2	6.2	9.4	12.3
Smoke cigarettes every day	Actual use	1.2	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	4.3	0.0	0.1	0.0	0.0	0.0	0.1	0.4	0.6	0.0	0.1
Drank alcohol in past 30 days	Perceived use	6.4	4.0	3.2	7.9	25.0	16.5	18.1	17.3	29.4	30.8	27.6	35.6	35.7	20.2	37.5	40.5	22.0	13.6	22.1	21.9
Dialik alcollol III past 30 days	Actual use	6.5	5.7	5.9	3.6	17.1	14.5	11.2	7.3	11.8	19.1	13.1	12.4	27.4	6.4	21.1	19.3	14.3	10.8	12.8	9.0
Used marijuana in nast 20 days	Perceived use	2.8	2.2	1.1	5.8	18.7	10.6	12.4	14.9	25.4	29.1	20.5	29.7	25.7	21.4	28.7	32.5	16.4	10.3	16.0	18.0
Used marijuana in past 30 days	Actual use	0.0	1.6	0.0	0.5	4.6	1.8	3.7	1.5	5.9	8.5	2.8	2.9	6.8	2.1	5.9	3.8	3.8	2.4	3.1	1.8

<sup>\*</sup> Students were asked to report the percent of their peers they perceived were using cigarettes, alcohol, and marijuana. The data in this table represent their perceived use amongst similarly aged peers compared to the actual use of those substances by grade.

# ANTISOCIAL BEHAVIOR AND GAMBLING PROFILES

The charts and tables that follow present the rates of a variety of antisocial behaviors, as well as gambling behavior among youth in your community who completed the survey. The first set of charts in this section present the percentage of youth who reported engaging in several forms of **antisocial behavior** (e.g., attacked someone with the idea of seriously hurting them, stolen a vehicle) or related consequences (e.g., been suspended from school, been arrested). The second set of charts in this section highlight the percentage of youth who indicated engaging in a variety of **gambling behaviors**. Rates of both antisocial behavior and gambling reflect reported behavior in the past year.

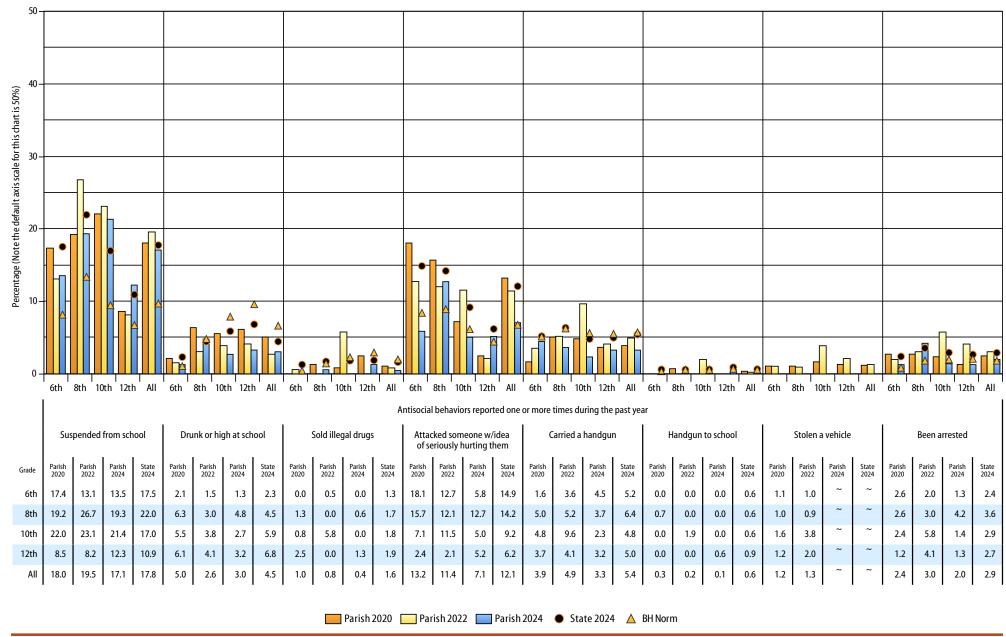
As with the substance use profile charts presented earlier, the **bars** on the following charts represent the percentage of students in that grade who reported the behavior, while the **dots** on the charts represent the percentage of all of the youth surveyed in Louisiana who reported the problem behavior. The **triangles** represent national data from the Bach Harrison Norm and allow a comparison of your antisocial and gambling behavior data to a national sample of students.

A comparison to state and national results provides additional information for your community in determining the relative importance of levels of antisocial and gambling behavior. Information about other students in the region and the nation can be helpful in determining the seriousness of a given level of problem behavior. Scanning across the charts will help you gain a better understanding of the issues affecting your community.

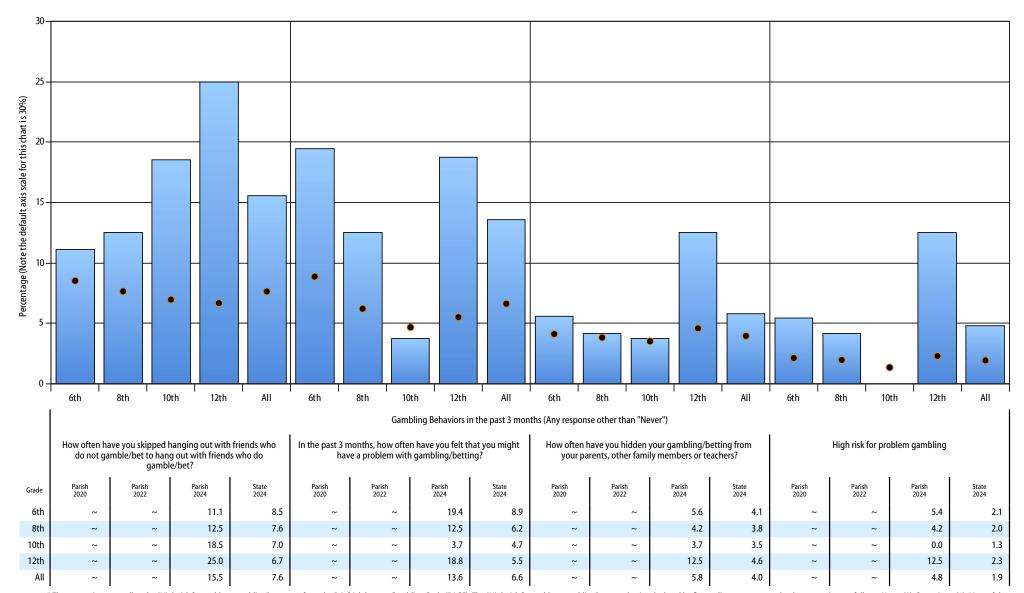
The following definitions and descriptions provide information for the substance

- Antisocial behavior (ASB) is a measure of the percentage of students who report any involvement with the eight antisocial behaviors listed in the charts during the past year. In the charts, antisocial behavior is referred to as ASB.
- **Gambling behavior** charts show the percentage of students who engaged in each of the 7 types of gambling along with the percentage for any gambling behavior during the past year.

### Antisocial behavior Plaquemines Parish Schools 2024 Student Survey



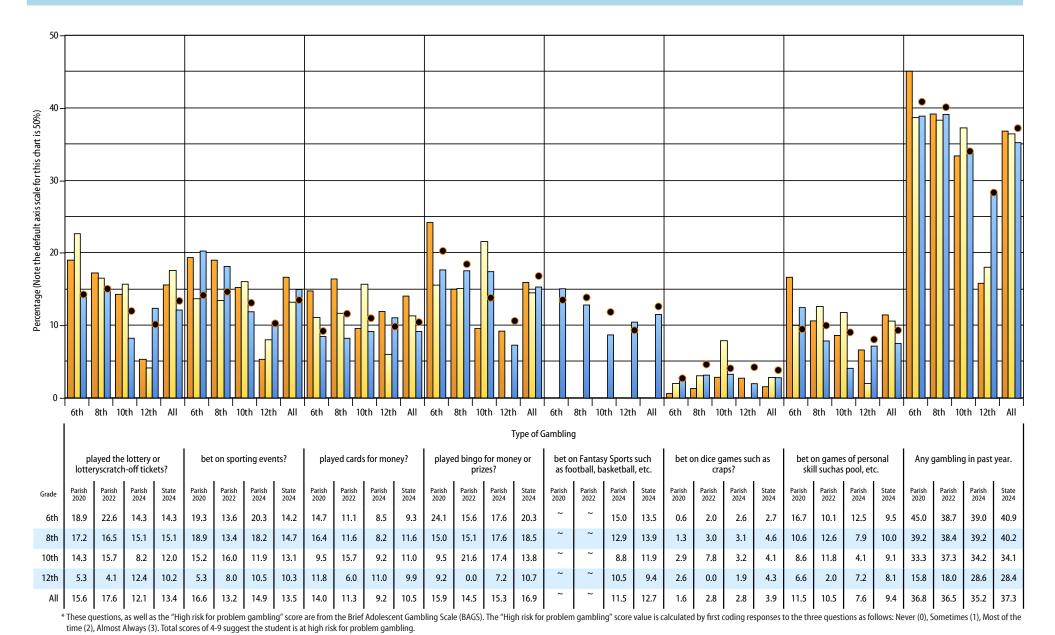
### High Risk Problem Gambling chart Plaquemines Parish Schools 2024 Student Survey



<sup>\*</sup>These questions, as well as the "High risk for problem gambling" score are from the Brief Adolescent Gambling Scale (BAGS). The "High risk for problem gambling" score value is calculated by first coding responses to the three questions as follows: Never (0), Sometimes (1), Most of the time (2), Almost Always (3). Total scores of 4-9 suggest the student is at high risk for problem gambling.

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### Gambling Profile (Past Year) chart Plaquemines Parish Schools 2024 Student Survey



# MENTAL HEALTH AND SUICIDE INDICATORS

In addition to substance abuse and antisocial behaviors, mental health and suicide are important public health and prevention issues affecting youth. The CCYS collects several indicators related to mental health and suicide. These indicators are presented in the tables and charts that follow.

**Depressive Symptoms** were calculated from by asking students about the following statements: 1) Sometimes I think that life is not worth it, 2) At times I think I am no good at all, 3) All in all, I am inclined to think that I am a failure, and 4) In the past year, have you felt depressed or sad MOST days, even if you felt OK sometimes?

These four depressive symptoms questions were scored on a scale of 1 to 4 (NO!, no, yes, YES!). The survey respondents were divided into three groups. The first group was the High Depressive Symptoms group who scored at least a mean of 3.75 on the depressive symptoms. This meant that those individuals marked "YES!" to all four items or marked "yes" to one item and "YES!" to three. The second group was the No Depressive Symptoms group who marked "NO!" to all four of the

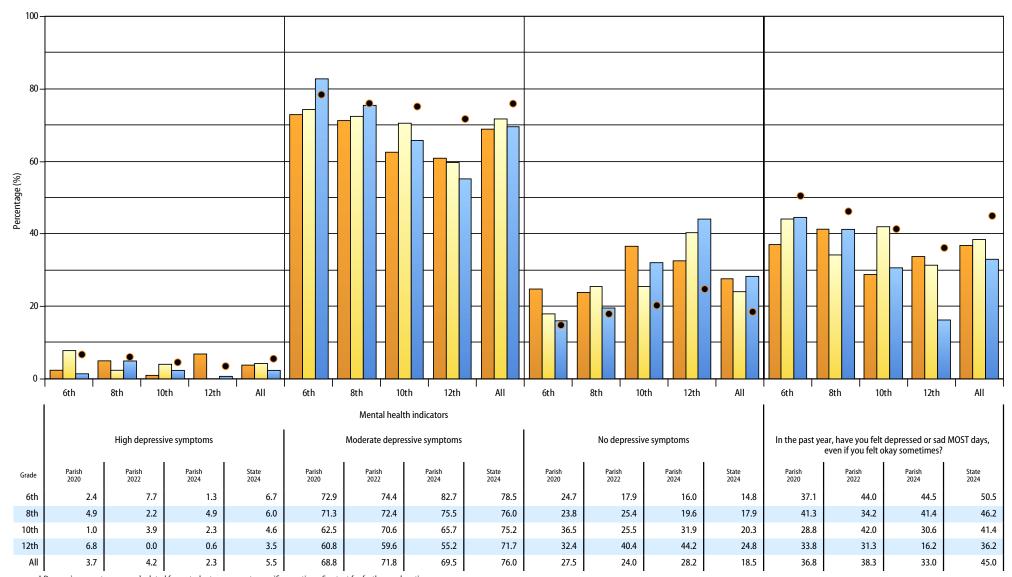
items, and the third group was a middle group who comprised the remaining respondents.

The percentage of participants who indicated currently taking medication that was prescribed because of problems with "your behavior or emotions" is provided.

The survey also includes a series of questions about suicide. These questions provide information about suicidal ideation and suicide attempts (e.g., "Have you ever considered attempting suicide?" and "Have you ever attempted suicide?"), as well as the impact of suicide on participants (e.g., "Has there ever been a time in your life when you experienced a loss by suicide?", person who was lost by suicide, whether the student has spoken to anyone about the suicide, and level of impact of the suicide).

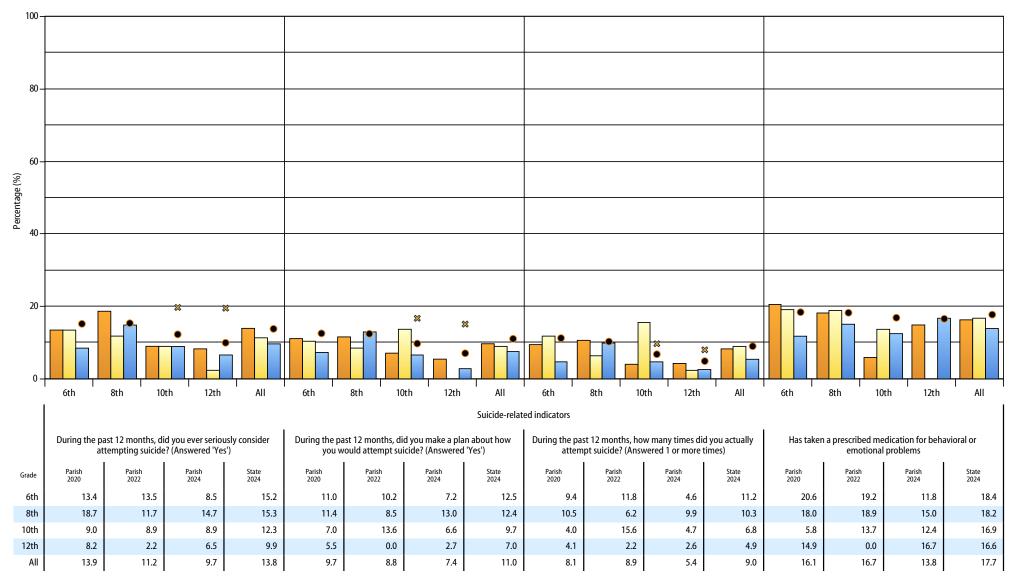
The Xs represent national mental health data gathered by the 2023 Youth Risk Behavior Survey (YRBS). Comparison data are available for grades 10 and 12 on the topic of about suicidal ideation and suicide attempts. (Note these are national data, not data from the Louisiana Youth Risk Behavior Survey.)

# Mental health indicators Plaquemines Parish Schools 2024 Student Survey



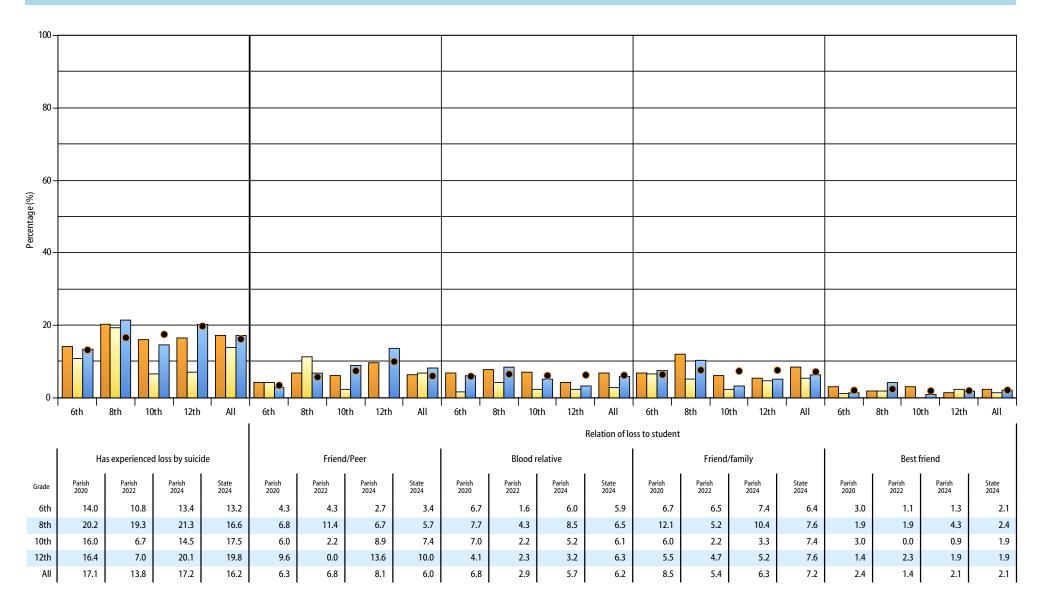
 $<sup>{}^*\, \</sup>text{Depressive symptoms are calculated from student responses to specific questions. See text for further explanation.}$ 

### Suicide-related indicators Plaquemines Parish Schools 2024 Student Survey

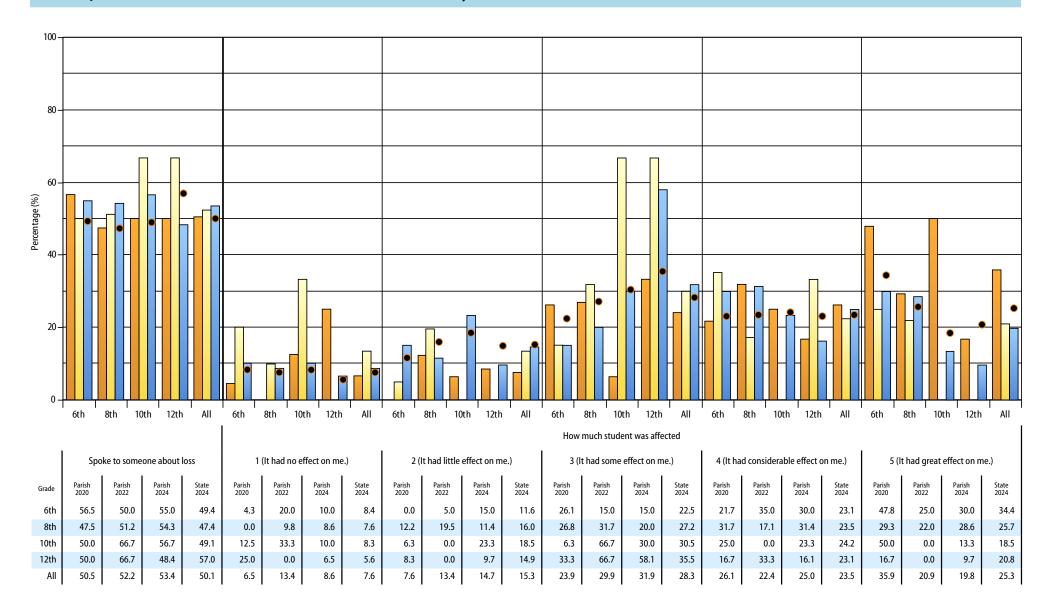


<sup>\*</sup> National comparison data are available for 10th and 12th grade only. YRBS does not survey 6th or 8th graders.

### Suicide exposure and impact Plaquemines Parish Schools 2024 Student Survey



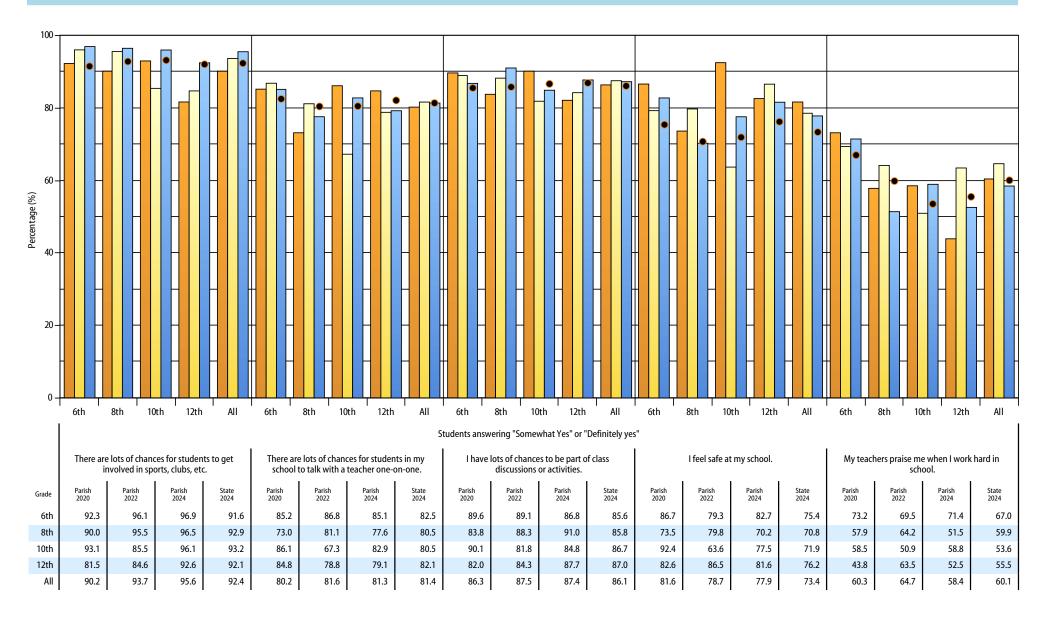
# Suicide exposure and impact (continued) Plaquemines Parish Schools 2024 Student Survey



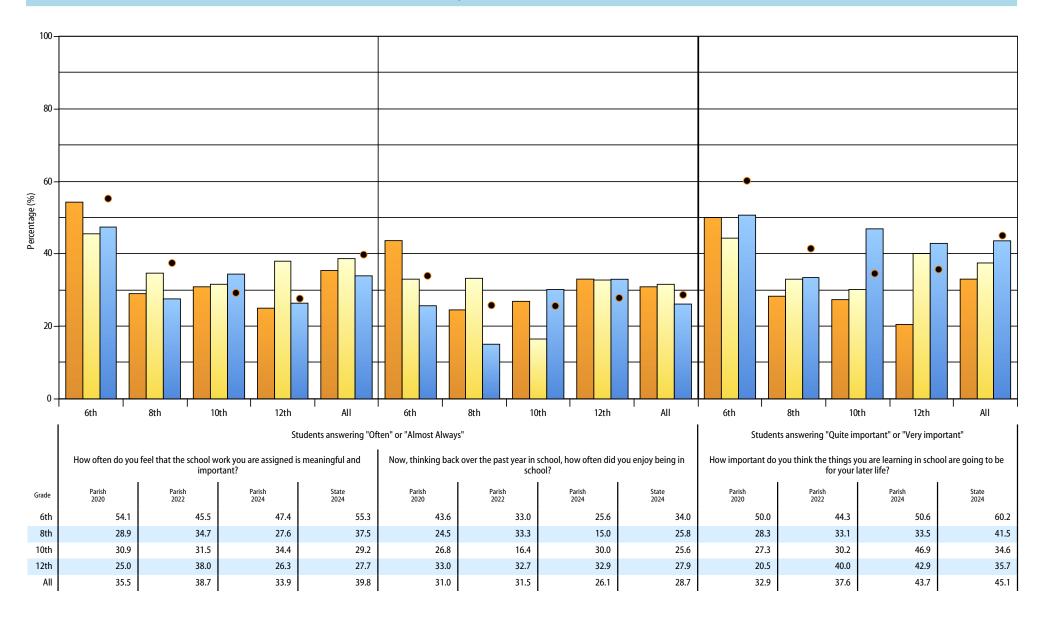
# SCHOOL CLIMATE

Over the last 15 years, many youth surveys, including the CCYS, have moved to incorporate risk and protective factor data alongside school climate and safety data, as the data can be a focal point for prevention programming and policy planning in a school setting. Creating safe supportive schools is essential to ensuring students' academic and social success. There are multiple elements to establishing learning environments in which youth feel a sense of belonging which prompts feelings of safety, connectedness, value, and responsibility for their behavior and learning. School climate and safety are measured in five ways: positive school environment, perceived importance of school, student concerns about school environment, perceived school safety, and bullying.

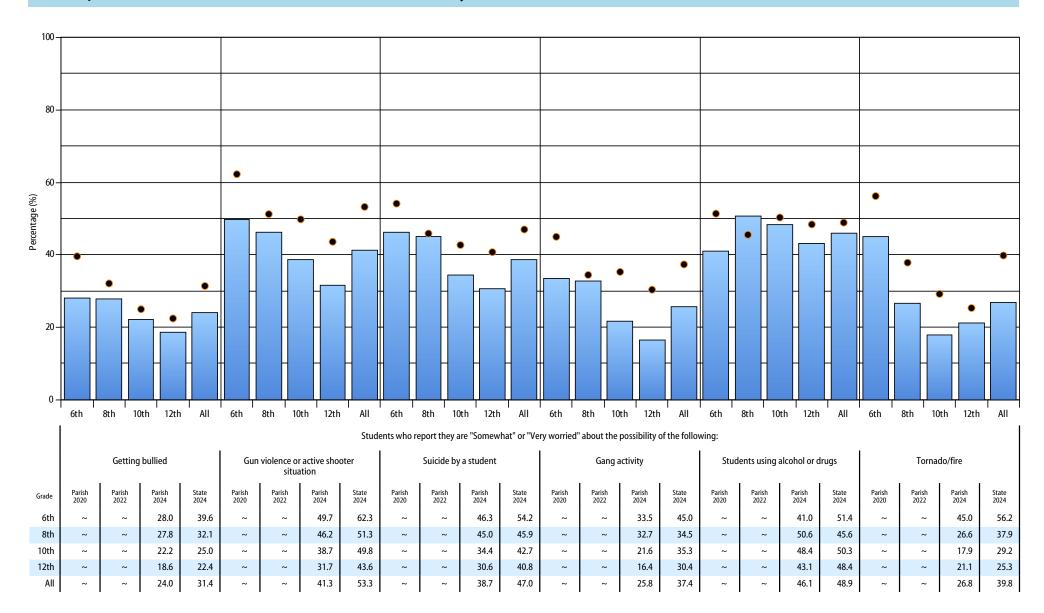
### Positive school environment Plaquemines Parish Schools 2024 Student Survey



### Perceived importance of school Plaquemines Parish Schools 2024 Student Survey

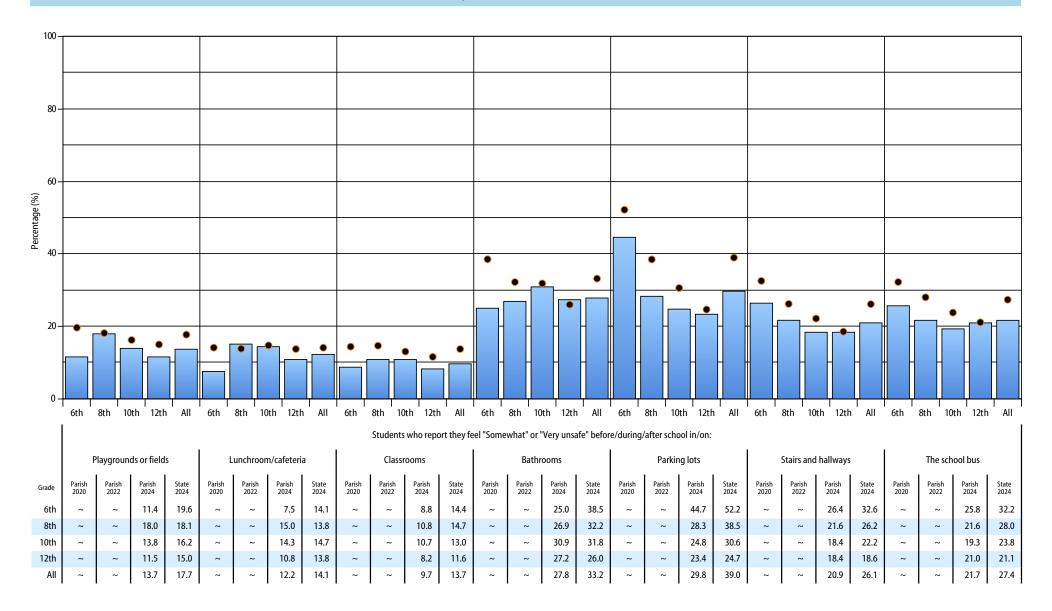


## Student concerns about school environment Plaquemines Parish Schools 2024 Student Survey

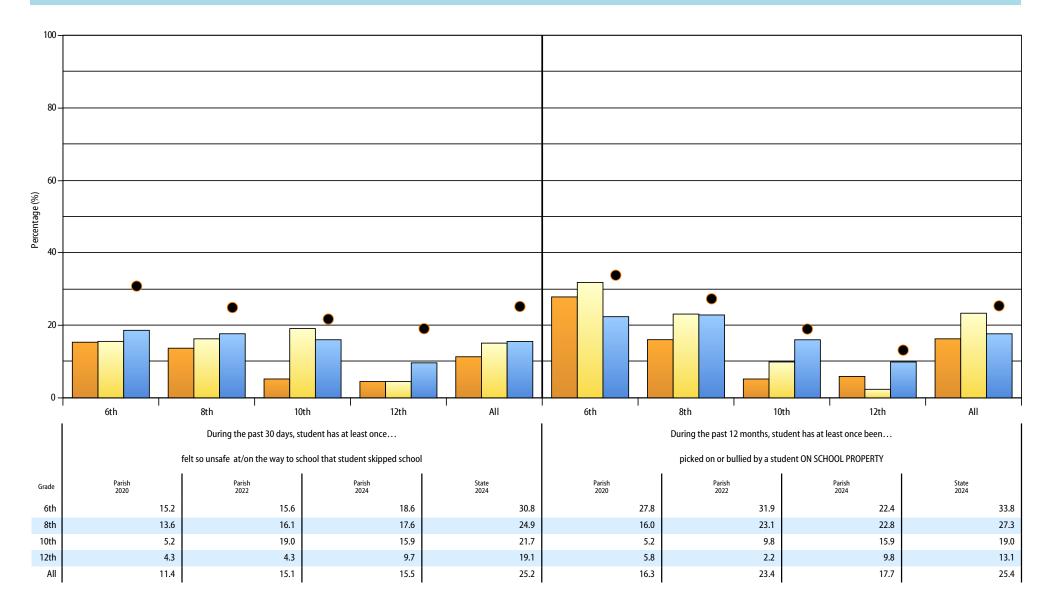


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## Perceived school safety Plaquemines Parish Schools 2024 Student Survey



# **Bullying** Plaquemines Parish Schools 2024 Student Survey



Parish 2020 Parish 2022 Parish 2024 • State 2024

# THE RISK AND PROTECTIVE FACTOR MODEL OF PREVENTION

Prevention is a science. The Risk and Protective Factor Model of Prevention is a proven way of reducing substance abuse and its related consequences.

This model is based on the simple premise that to prevent a problem from happening, we need to identify the factors that increase the risk of that problem developing and then find ways to reduce the risks. Just as medical researchers have found risk factors for heart disease such as diets high in fat, lack of exercise, and smoking; a team of researchers at the University of Washington have defined a set of risk factors for youth problem behaviors.

Risk factors are characteristics of school, community and family environments, and of students and their peer groups known to predict increased likelihood of drug use, delinquency, school dropout, and violent behaviors among youth. For example, children who live in disorganized, crime-ridden neighborhoods are more likely to become involved in crime and drug use than children who live in safe neighborhoods.

The chart on the following page shows the links between the 20 risk factors and six problem behaviors. The check marks indicate where at least two well designed, published research studies have shown a link between the risk factor and the problem behavior.

Protective factors exert a positive influence and buffer against the negative influence of risk, thus reducing the likelihood that adolescents will engage in problem behaviors. Protective factors identified through research include strong bonding to family, school, community and peers, and healthy beliefs and clear standards for behavior. Protective bonding depends on three conditions:

- Opportunities for young people to actively contribute
- Skills to be able to successfully contribute
- **Consistent recognition** or reinforcement for their efforts and accomplishments

Bonding confers a protective influence only when there is a positive climate in the bonded community. Peers and adults in these schools, families and neighborhoods must communicate healthy values and set clear standards for behavior in order to ensure a protective effect. For example, strong bonds to antisocial peers would not be likely to reinforce positive behavior.

Research on risk and protective factors has important implications for children's academic success, positive youth development, and prevention of health and behavior problems. In order to promote academic success and positive youth development and to prevent problem behaviors, it is necessary to address the factors that predict these outcomes. By measuring risk and protective factors in a population, specific risk factors that are elevated and widespread can be identified and targeted by policies, programs, and actions shown to reduce those risk factors and to promote protective factors.

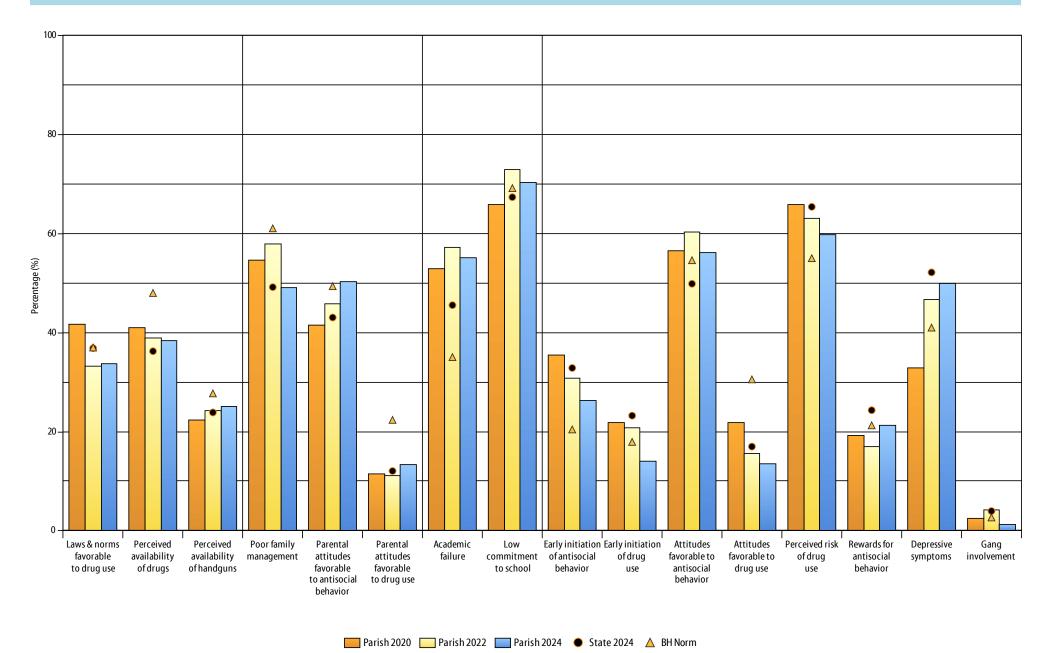
Each risk and protective factor can be linked to specific types of interventions that have been shown to be effective in either reducing risk(s) or enhancing protection(s). The steps outlined here will help make key decisions regarding allocation of resources, how and when to address specific needs, and which strategies are most effective and known to produce results.

In addition to helping assess current conditions and prioritize areas of greatest need, data from the Louisiana Caring Communities Youth Survey (CCYS) can be a powerful tool in applying for and complying with several federal programs, outlined later in this report, such as the Strategic Prevention Framework process. The survey also gathers valuable data which allows state and local agencies to address other prevention issues related to academic achievement, mental health, gang involvement, health and fitness, and personal safety.

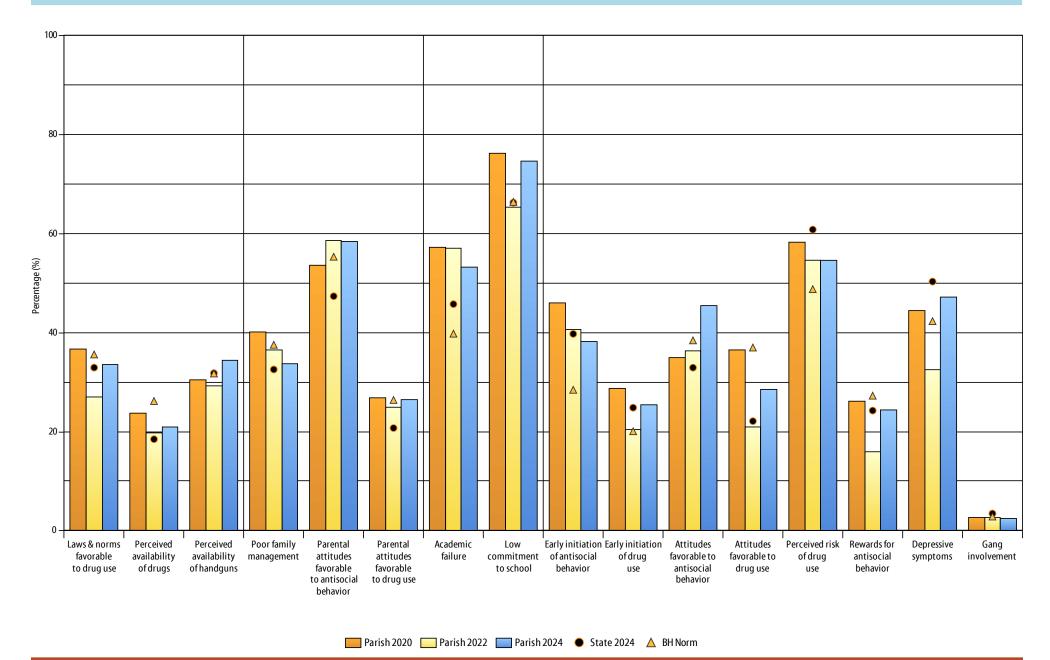
# RISK FACTORS FOR ADOLESCENT PROBLEM BEHAVIORS

		Community							Fa	mily		Scho	ol			Pe	er/Indi	vidual		
	Availability of Drugs	Availability of Firearms	Community Laws & Norms Favorable Toward Drug Use, Firearms, & Crime	Media Portrayals of the Behavior	Transitions & Mobility	Low Neighborhood Attachment & Community Disorganization	Extreme Economic Deprivation	Family History of the Problem Behavior	Family Management Problems	Family Conflict	Favorable Parental Attitudes & Involvement in the Problem Behavior	Academic Failure Beginning in Late Elementary School	Lack of Commitment to School	Early & Persistent Antisocial Behavior	Rebelliousness	Gang Involvement	Friends Who Engage in the Problem Behavior	Favorable Attitudes Toward the Problem Behavior	Early Imitation of the Problem Behavior	Constitutional Factors
Substance Abuse	1		1	1	1	✓	1	1	1	<b>√</b>	✓	✓	1	1	✓	<b>√</b>	1	✓	1	1
Delinquency		1	/		1	✓	1	1	1	1	✓	✓	1	1	✓	<b>\</b>	1	✓	1	1
Teen Pregnancy							1	1	1	<b>√</b>		<b>√</b>	1	1			1	<b>√</b>	1	
School Drop-Out					1		✓	1	1	1		1	✓	1	<b>✓</b>		1	<b>√</b>	1	
Violence	1	1	1	1		<b>√</b>	✓	1	✓	<b>✓</b>	<b>✓</b>	<b>√</b>	✓	1	✓	1	1	<b>√</b>	1	1
Depression & Anxiety					1			1	1	1		✓		1						✓

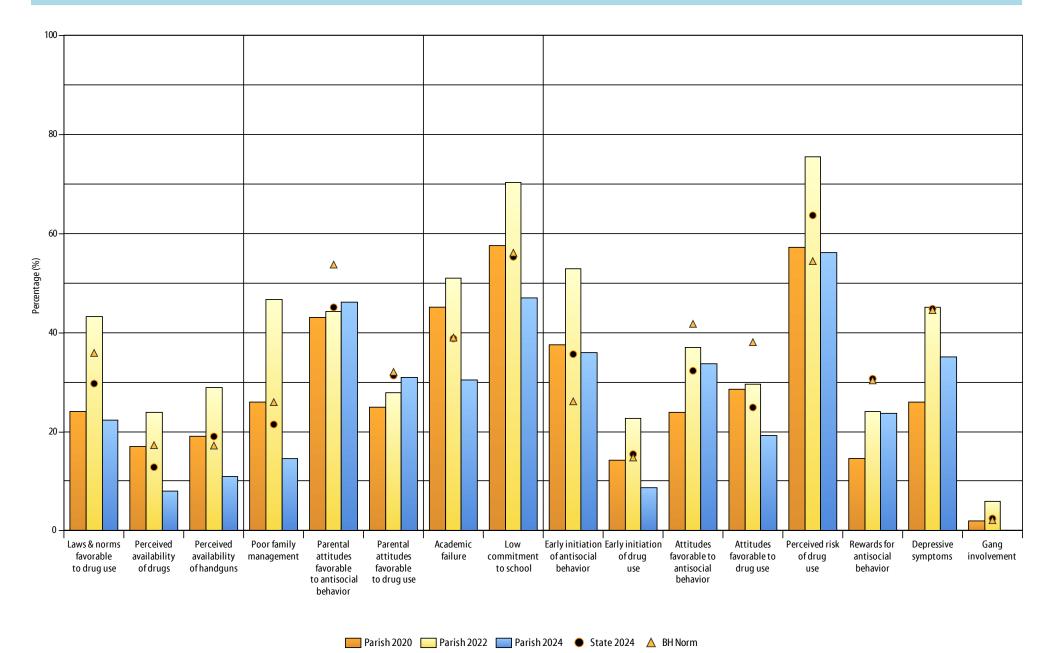
# Risk profile, Grade 6th Plaquemines Parish Schools 2024 CCYS Survey



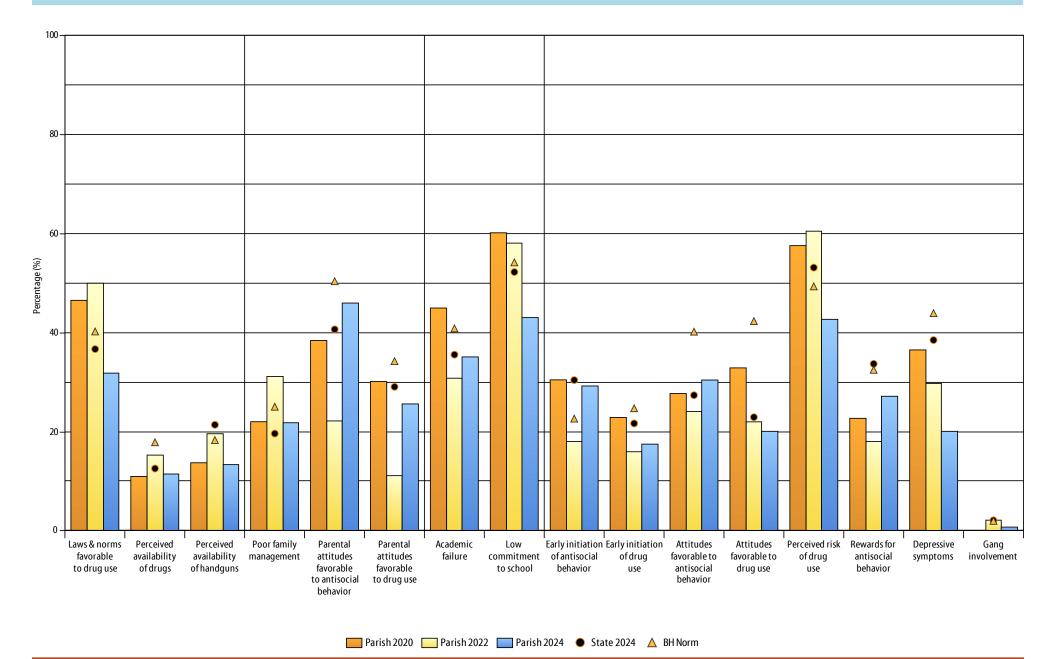
# Risk profile, Grade 8th Plaquemines Parish Schools 2024 CCYS Survey



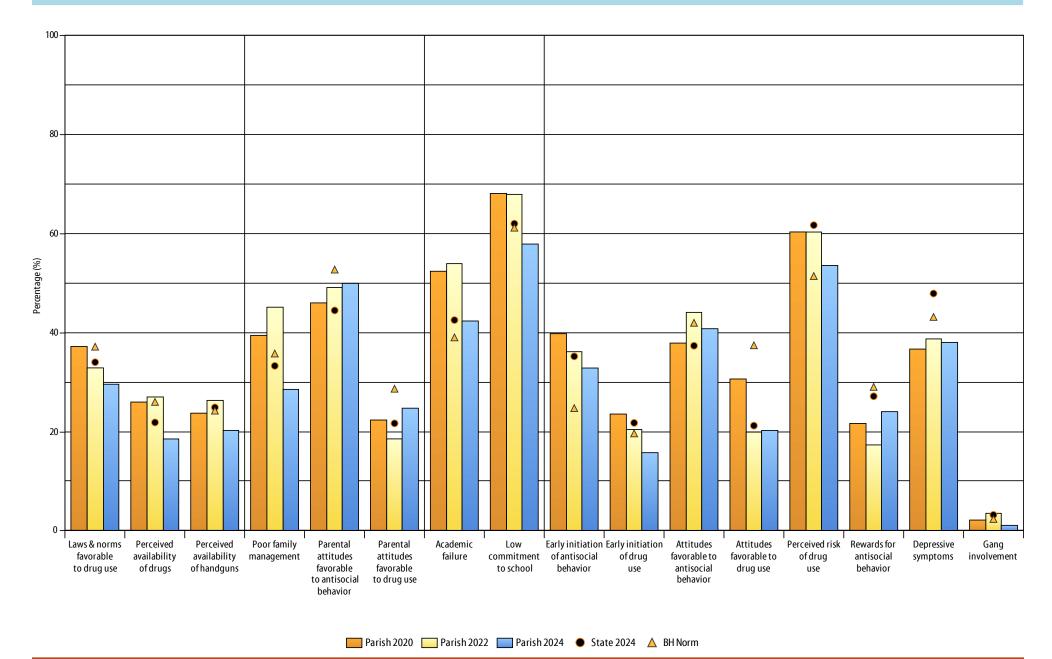
# Risk profile, Grade 10th Plaquemines Parish Schools 2024 CCYS Survey



# Risk profile, Grade 12th Plaquemines Parish Schools 2024 CCYS Survey



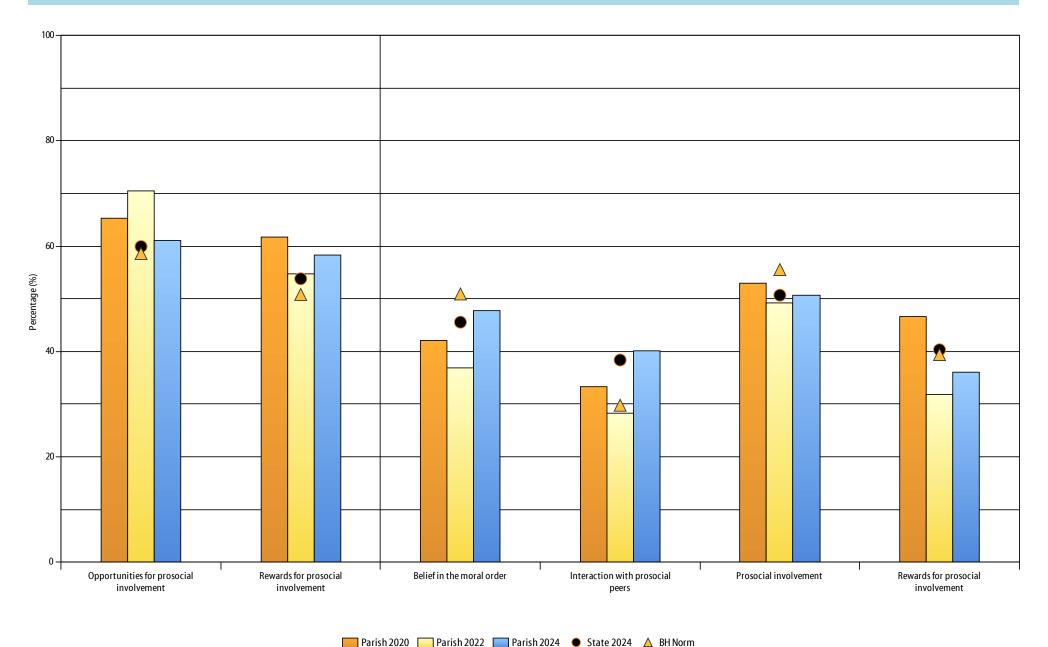
# Risk profile, Grade All Plaquemines Parish Schools 2024 CCYS Survey



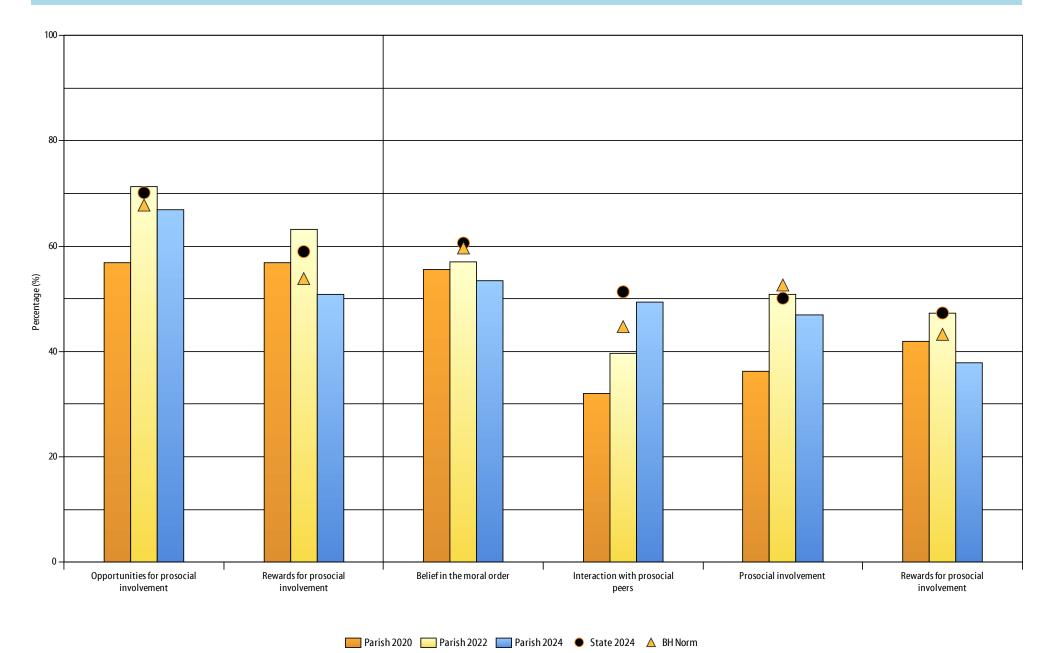
# Risk profile

	6th						8th					10th					12th			All					
	Parish 2020	Parish 2022	Parish 2024	State 2024	BH Norm	Parish 2020	Parish 2022	Parish 2024	State 2024	BH Norm	Parish 2020	Parish 2022	Parish 2024	State 2024	BH Norm	Parish 2020	Parish 2022	Parish 2024	State 2024	BH Norm	Parish 2020	Parish 2022	Parish 2024	State 2024	BH Norm
Community Domain																									
Laws & norms favorable to drug use	41.7	33.2	33.8	36.9	37.0	36.7	26.9	33.5	33.0	35.6	24.0	43.2	22.3	29.7	35.9	46.6	50.0	31.8	36.7	40.3	37.2	32.9	29.6	34.0	37.2
Perceived availability of drugs	41.0	38.9	38.4	36.3	48.0	23.7	19.7	21.0	18.5	26.2	17.0	23.9	8.1	12.8	17.3	11.0	15.2	11.4	12.6	17.9	26.0	27.0	18.6	21.9	26.0
Perceived availability of handguns	22.3	24.2	25.2	23.9	27.8	30.5	29.2	34.4	31.8	31.8	19.0	28.9	11.0	19.0	17.2	13.7	19.6	13.4	21.4	18.3	23.7	26.4	20.2	24.9	24.3
Family Domain																									
Poor family management	54.5	58.0	49.0	49.2	61.1	40.1	36.4	33.8	32.6	37.6	26.0	46.7	14.6	21.5	26.0	21.9	31.1	21.8	19.6	25.1	39.5	45.1	28.6	33.3	35.8
Parent attitudes favorable to ASB	41.6	45.8	50.3	43.1	49.4	53.5	58.5	58.5	47.4	55.3	43.0	44.2	46.2	45.1	53.8	38.4	22.2	45.9	40.7	50.4	46.0	49.1	50.0	44.5	52.8
Parent attitudes favorable to drug use	11.4	11.1	13.3	12.1	22.4	26.8	24.9	26.4	20.7	26.4	25.0	27.9	31.0	31.3	32.1	30.1	11.1	25.7	29.1	34.3	22.3	18.6	24.7	21.7	28.7
School Domain																									
Academic failure	52.8	57.1	55.1	45.6	35.1	57.3	57.0	53.3	45.8	39.8	45.1	50.9	30.5	38.8	39.0	44.9	30.8	35.2	35.6	40.9	52.3	54.0	42.4	42.6	39.1
Low commitment to school	65.8	72.9	70.3	67.4	69.2	76.3	65.3	74.7	66.3	66.4	57.6	70.4	47.1	55.3	56.2	60.2	58.0	43.0	52.3	54.2	68.1	67.9	57.9	62.0	61.2
Peer-Individual Domain																									
Early initiation of ASB	35.4	30.8	26.3	32.9	20.5	46.0	40.6	38.2	39.8	28.5	37.6	52.8	35.9	35.7	26.2	30.5	18.0	29.2	30.4	22.7	39.8	36.1	32.8	35.2	24.8
Early initiation of drug use	21.8	20.7	14.1	23.3	18.0	28.8	20.5	25.5	24.9	20.1	14.3	22.6	8.6	15.5	14.8	22.9	16.0	17.5	21.7	24.7	23.5	20.4	15.8	21.8	19.7
Attitudes favorable to ASB	56.5	60.3	56.1	49.9	54.6	34.9	36.3	45.5	32.9	38.5	23.8	37.0	33.8	32.3	41.8	27.7	24.0	30.5	27.4	40.2	37.9	44.1	40.8	37.4	42.0
Attitudes favorable to drug use	21.9	15.6	13.5	17.0	30.6	36.5	21.0	28.5	22.1	37.0	28.5	29.6	19.2	24.9	38.1	32.9	22.0	20.1	22.9	42.3	30.7	20.0	20.3	21.2	37.5
Perceived risk of drug use	65.9	63.1	59.9	65.4	55.1	58.2	54.7	54.7	60.8	48.8	57.3	75.5	56.1	63.7	54.5	57.5	60.4	42.7	53.2	49.4	60.2	60.3	53.6	61.7	51.5
Rewards for ASB	19.3	16.9	21.3	24.3	21.3	26.1	15.9	24.4	24.3	27.3	14.6	24.1	23.6	30.7	30.4	22.6	18.0	27.1	33.7	32.5	21.7	17.3	24.1	27.2	29.1
Depressive symptoms	32.9	46.7	50.0	52.2	41.0	44.4	32.5	47.2	50.3	42.3	26.0	45.1	35.2	44.8	44.6	36.5	29.8	20.1	38.5	44.0	36.6	38.8	38.0	47.9	43.2
Gang involvement	2.4	4.2	1.3	4.0	2.7	2.7	2.7	2.4	3.5	2.9	1.9	6.0	0.0	2.5	2.1	0.0	2.1	0.7	2.1	2.0	2.1	3.5	1.0	3.2	2.4

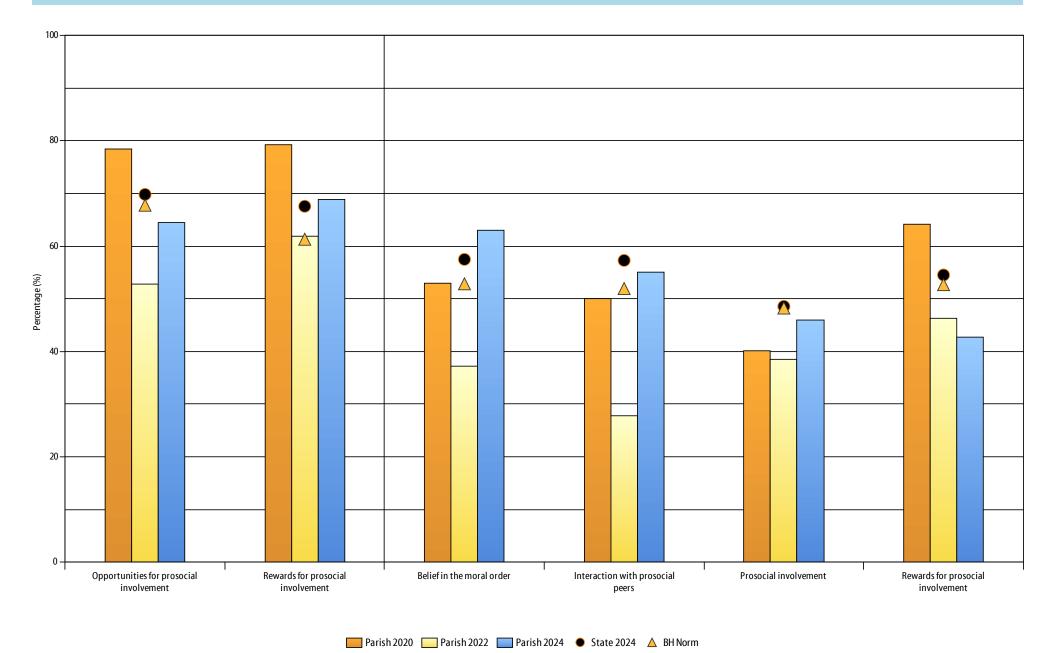
# Protective profile, Grade 6th Plaquemines Parish Schools 2024 CCYS Survey



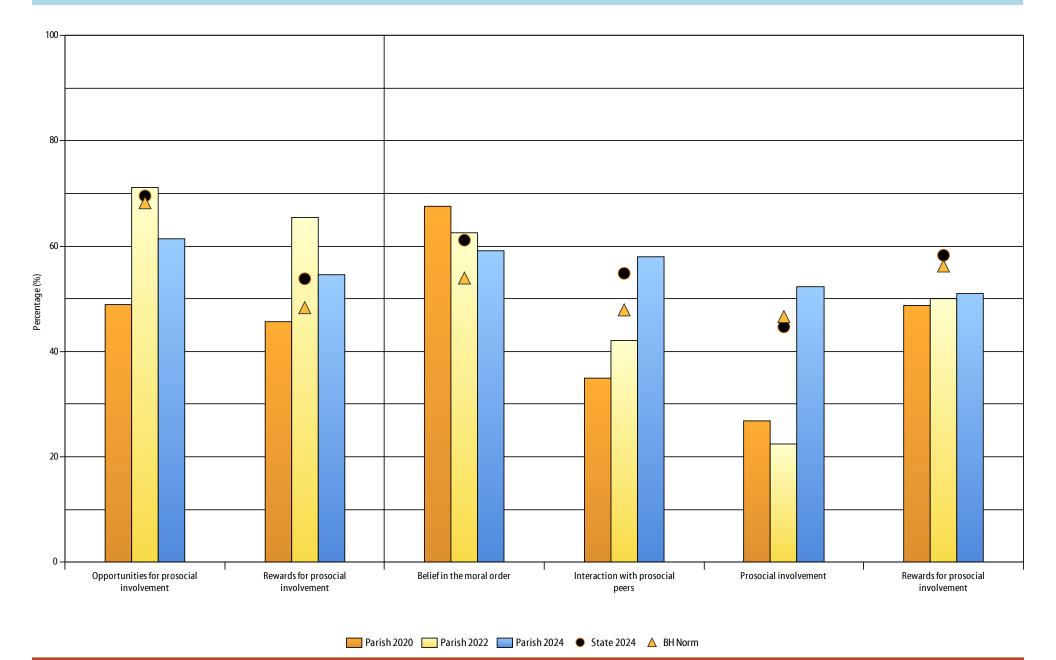
# Protective profile, Grade 8th Plaquemines Parish Schools 2024 CCYS Survey



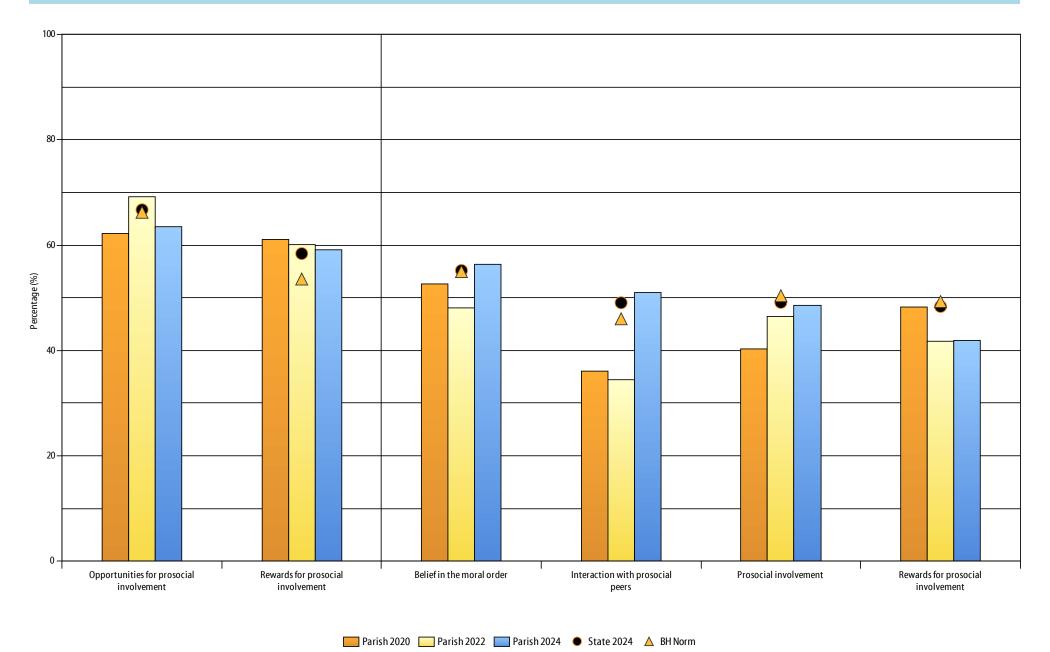
# Protective profile, Grade 10th Plaquemines Parish Schools 2024 CCYS Survey



# Protective profile, Grade 12th Plaquemines Parish Schools 2024 CCYS Survey



# Protective profile, Grade All Plaquemines Parish Schools 2024 CCYS Survey



# Protective profile

			6th					8th					10th					12th					All		
	Parish 2020	Parish 2022	Parish 2024	State 2024	BH Norm	Parish 2020	Parish 2022	Parish 2024	State 2024	BH Norm	Parish 2020	Parish 2022	Parish 2024	State 2024	BH Norm	Parish 2020	Parish 2022	Parish 2024	State 2024	BH Norm	Parish 2020	Parish 2022	Parish 2024	State 2024	BH Norm
School Domain																									
Opportunities for prosocial involvement	65.3	70.4	61.1	59.9	58.6	56.8	71.3	66.9	70.1	67.8	78.5	52.7	64.5	69.8	67.8	48.9	71.2	61.3	69.5	68.3	62.2	69.1	63.6	66.7	66.3
Rewards for prosocial involvement	61.7	54.7	58.4	53.8	50.8	56.8	63.1	50.9	59.0	53.9	79.2	61.8	68.9	67.6	61.3	45.7	65.4	54.6	53.8	48.3	61.0	60.1	59.1	58.4	53.6
Peer-Individual Domain																									
Belief in the moral order	42.1	36.9	47.7	45.6	50.9	55.6	57.0	53.4	60.6	59.7	52.9	37.3	63.0	57.5	52.9	67.6	62.5	59.1	61.1	54.0	52.6	48.1	56.4	55.2	55.0
Interaction with prosocial peers	33.3	28.4	40.1	38.4	29.8	31.9	39.6	49.4	51.3	44.7	50.0	27.8	55.0	57.3	52.0	34.9	42.0	58.1	54.8	47.9	36.1	34.5	51.0	49.1	46.0
Prosocial involvement	52.9	49.2	50.6	50.7	55.6	36.2	50.9	47.0	50.1	52.6	40.2	38.5	45.9	48.6	48.3	26.8	22.4	52.3	44.7	46.6	40.4	46.4	48.6	49.1	50.4
Rewards for prosocial involvement	46.6	31.8	36.1	40.3	39.4	41.9	47.3	37.8	47.3	43.3	64.2	46.3	42.7	54.5	52.7	48.8	50.0	51.0	58.3	56.2	48.2	41.7	41.9	48.4	49.3

# SCHOOL AND COMMUNITY IMPROVEMENT USING SURVEY DATA

### What are the numbers telling you?

Review the charts and data tables presented in this report. Note your findings as you discuss the following questions.

- Which 3-5 risk factors appear to be higher than you would want when compared to the Bach Harrison Norm?
- Which 3-5 protective factors appear to be lower than you would want when compared to the Bach Harrison Norm?
- Which levels of 30-day drug use are increasing and/ or unacceptably high?
  - Which substances are your students using the most?
  - · At which grades do you see unacceptable usage levels?
- Which antisocial behaviors are increasing and/or unacceptably high?
  - Which behaviors are your students exhibiting the most?
  - At which grades do you see unacceptable behavior levels?

### How to identify high priority problem areas

Once you have familiarized yourself with the data, you can begin to identify priorities.

- Look across the charts for items that stand out as either much higher or much lower than the others.
- Compare your data with statewide, and/or national data. Differences of 5% between local and other data are probably significant.

- **Prioritize problems for your area** according to the issues you've identified. Which can be realistically addressed with the funding available to your community? Which problems fit best with the prevention resources at hand?
- Determine the standards and values held within your community. For example: Is it acceptable in your community for a percentage of high school students to drink alcohol regularly as long as that percentage is lower than the overall state rate?

### Use these data for planning.

Once priorities are established, use data to guide your prevention efforts.

- Substance use and antisocial behavior data are excellent tools to raise awareness about the problems and promote dialogue.
- **Risk and protective factor data** can be used to identify exactly where the community needs to take action.
- Additional survey data on academic achievement, mental health and suicide, health and fitness, gang involvement, and other areas can be used to broaden your prevention approach. Find ways to share these data with other prevention planners in your community.
- **Promising approaches** for any prevention goal are available through resources listed in Appendix D. These contacts are a great resource for information about programs that have been proven effective in addressing the risk factors that are high in your community, and improving the protective factors that are low.

	Sample notes	Priority rate 1	Priority rate 2	Priority rate 3
Risk factors	8th grade, Rish of Drags seems low @14% (8% > BH Norm.)			
Protective factors	10th grade School rewards for prosocial involvement down 7% from 2 yrs ago			
Substance abuse	8th grade 30-day Vape @7% (3% above state av.)			

BUILDING A STRATEGIC PREVENTION FRAMEWORK

The Prevention Needs Assessment (PNA) Survey is an important data source for communities in creating planned, data-driven, effective, and sustainable prevention programs. The State of Louisiana endorses two models for guiding prevention work at the community, regional, or State level - the Communities **Evaluation** That Care (CTC) Model and the Substance Abuse and Mental Health Services Administration (SAMHSA) Center for Substance Abuse Prevention (CSAP) Strategic Prevention Framework (SPF). Communities in the State of Louisiana are encouraged to follow the CTC Model, a tested and effective model to guide communities through a process of community organization and mobilization. The second model for prevention planning, the SPF Model, guides states and communities through a five-step process to increase effectiveness of prevention efforts. The following websites provide additional information about these prevention models: http://www.communitiesthatcare.net and http://www.samhsa.gov/spf.

Following are the five steps involved in the SPF model.

Assessment: Profile Population Needs, Resources, and Readiness to Address the Problems and Gaps in Service Delivery. The SPF begins with an assessment of the needs in the community that is based on data. One of the primary sources of needs assessment data is this Caring Communities Youth Survey (CCYS). While planning prevention services, communities are urged to collect and use multiple data sources, including archival and social indicators, assessment of existing resources, key informant interviews, and community readiness. The PNA results presented in this profile report will help you to identify needs for prevention services. PNA data include adolescent substance use, anti-social behavior,

Sustainability and Cultural Competence

Implementation
Planning

Assessment

and many of the risk and protective factors that predict adolescent problem behaviors.

Capacity: Mobilize and/or Build Capacity to Address Needs. Engagement of key stakeholders at the state and community levels is critical to plan and implement successful prevention activities that will be sustained over time. Some of the key tasks to mobilize the state and communities are to work with leaders and stakeholders to build coalitions, provide training, leverage resources, and help sustain prevention activities.

**Planning:** Develop a Comprehensive Strategic Plan. States and communities should develop a strategic plan that articulates not only a vision for the prevention

activities, but also strategies for organizing and implementing prevention efforts. The strategic plan should be based on the assessments conducted during Step 1. The Plan should address the priority needs, build on identified resources/strengths, set measurable objectives, and identify how progress will be monitored. Plans should be adjusted with ongoing needs assessment and monitoring activities.

Implementation: **Implement** Evidence-based Prevention Programs and Infrastructure Development Activities. By measuring and identifying the risk factors and other causal factors that contribute to the targeted problems specified in your strategic plan, programs can be implemented that will reduce the prioritized substance abuse problems. After completing Steps 1, 2, and 3, communities will be able to choose prevention strategies that have been shown to be effective, are appropriate for the population served, can be implemented with fidelity, are culturally appropriate, and can be sustained over time. SAHMSA's National Registry of Evidence-based Programs and Practices (located at http://www.nrepp.samhsa.gov) is a searchable online registry of mental health and substance abuse interventions that have been reviewed and rated by independent reviewers. This resource can help identify scientifically based approaches to preventing and treating mental and/or substance use disorders that can be readily disseminated to the field.

Evaluation: Monitor Process, Evaluate Effectiveness, Sustain Effective Programs/Activities, and Improve or Replace Those That Fail. Finally, ongoing monitoring and evaluation are essential to determine if the desired outcomes are achieved, assess service delivery quality, identify successes, encourage needed improvement, and promote sustainability of effective policies, programs, and practices. The PNA allows communities to monitor levels of ATOD use, antisocial behavior, risk, and protection.

**Sustainability and Cultural Competence** are at the core of the SPF model, indicating the key role they play

in each of the five elements. Incorporating principles of cultural competence and sustainability throughout assessment, capacity appraisal, planning, implementation and evaluation helps ensure successful, long lasting prevention programs.

Sustainability is accomplished by utilizing a comprehensive approach. By building adaptive and flexible programs around a variety of resources, funding and organizations, states and communities will build sustainable programs and achieve sustainable outcomes. A strategic plan that dynamically responds to changing issues, data, priorities, and resources is more likely to achieve long term results.

Sharing information gathered during the evaluation stage with key stakeholders, forging partnerships and encouraging creative collaboration all enhance sustainability.

Cultural Competence: Planners need to recognize the needs, styles, values and beliefs of the recipients of prevention efforts. Culturally competent prevention strategies use interventions, evaluations and communication strategies appropriate to their intended community. Cultural issues reflect a range of influences and are not just a matter of ethnic or racial identity. Learning to communicate with audiences from diverse geographic, cultural, economic, social, and linguistic backgrounds can increase program efficacy and ensure sustainable results.

Whether enlisting extended family networks as a prevention resource for single parent households, or ensuring there are resources available to bridge language gaps, cultural competency will help you recognize differences in prevention needs and tailor prevention approaches accordingly.

A one-size-fits-all program is less effective than a program that works with knowledgeable people from the community to develop focused interventions, communication, and support and draws on community-based values and traditions.

# APPENDIX A: CHANGES BETWEEN CCYS ADMINISTRATIONS

As new issues emerge and youth behaviors shift, the CCYS instrument is periodically revised to maintain relevance, reduce survey fatigue, and improve the accuracy and utility of the data.

#### Items Removed/Revised for 2024

Several questions and scales from the 2022 CCYS were removed (and others revised) in 2024 to significantly streamline the instrument, shorten survey-taking time, and reduce redundancy:

Interactions with antisocial peers scale: Entire scale removed with survey length in mind.

Parental education level demographic question: Removed with survey length in mind.

Antisocial behavior and substance use frequency items: Response options simplified; frequencies capped at "more than 10 times."

Gambling behaviors question: Gambling behavior list fine-tuned and modernized.

Mental health treatment K-6 risk behavior scale: Removed, as redundant with depressive symptoms scale.

Perceived peer disapproval of ATOD use (question 94): Removed, redundant with other similar use perceptions questions.

Sibling risk behaviors: Removed with survey length in mind.

Family conflict and history: Removed with survey length in mind.

Mental health and suicide-related questions: Removed due to redundancy with other questions in these topic areas.

Adult alcohol use norms: Removed with survey length in mind.

Family meals frequency: Removed with survey length in mind.

Exposure to adult substance use: Removed with survey length in mind.

Alcohol/drug treatment needs scale: Removed with survey length in mind.

#### New Items Added for 2024

The following items were added to the 2024 CCYS to enhance content around emerging issues:

#### **School Safety Concerns:**

How worried, if at all, are you about the possibility of each of the following happening at your school?:

- Getting bullied
- Gun violence or an active shooter situation
- Suicide by a student
- Gang activity
- Students using alcohol or drugs
- Fire/tornado

#### **Perceived Safety in School Locations:**

How safe do you feel in each of the following areas at your school (before and after school)?

- •Playgrounds or fields
- •Lunchroom/cafeteria
- •Classrooms
- Bathrooms
- Parking lots

- •Stairs and hallways
- •On the school bus

#### **Brief Adolescent Gambling Scale (BAGS):**

A 3-item validated screener assessing adolescent problem gambling behaviors:

The following questions are about your gambling/betting OVER THE PAST 3 MONTHS.:

How often have you skipped hanging out with friends who do not gamble/bet to hang out with friends who do gamble/bet?

In the past 3 months, how often have you felt that you might have a problem with gambling/betting?

How often have you hidden your gambling/betting from your parents, other family members or teachers?

Responses: Never (0), Sometimes (1), Most of the time (2), Almost always (3)

Score interpretation:

- 0-3: Low risk for problem gambling
- 4-9: High risk for problem gambling

## Adjustments to Response Options

Multiple questions had response scales simplified or consolidated to reduce cognitive load for students (e.g., capping substance use frequency options with "More than 10 times" rather than providing response options up to 40+ uses).

# APPENDIX B: SUBSTANCE USE AND PERCEIVED PARENTAL ACCEPTABILITY

Even a small amount of perceived parental acceptability can lead to substance use.

When parents have favorable attitudes toward drugs, they influence the attitudes and behavior of their children. For example, parental approval of moderate drinking, even under parental supervision, substantially increases the risk of the young person using alcohol. Further, in families where parents involve children in their own drug or alcohol behavior, for example, asking the child to light the parent's cigarette or to get the parent a beer, there is an increased likelihood that their children will become drug users in adolescence.

In the 2024 CCYS Survey, students were asked how wrong their parents felt it was to use alcohol, marijuana, cigarettes, or prescription drugs not prescribed to them. The table below displays lifetime and past 30 days use rates in relation to parents' acceptance of alcohol, marijuana, cigarette, or prescription drug abuse.

In 2024, 79.9% of Louisiana students responded that their parents felt it was "Very wrong" for them to use alcohol. Of those students, relatively few (15.5% lifetime, 3.8% 30-day) actually used alcohol, as seen in the table below. In contrast, of the 12% who responded that their parents agree with alcohol use somewhat (i.e. the parent only believes that it is "Wrong," not "Very Wrong"), 49.4% of these students indicated lifetime alcohol use and 21.1% of these students indicated 30-day alcohol use. Similar findings can be observed regarding marijuana, cigarette and prescription drug abuse.

The table below illustrates how even a small amount of perceived parental acceptability can lead to substance use. These results make a strong argument for the importance of parents having strong and clear standards and rules when it comes to ATOD use.

How wrong do your parents feel it would be for YOU to:	Student ha	s used:
drink beer, wine, or hard liquor regularly?	Alcohol (lifetime use)	Alcohol (past 30 days)
Very Wrong	15.5%	3.8%
Wrong	49.4%	21.1%
A Little Bit Wrong	71.0%	45.1%
Not Wrong At All	73.2%	56.0%
smoke marijuana?	Marijuana (lifetime use)	Marijuana (past 30 days)
Very Wrong	3.8%	0.8%
Wrong	21.4%	6.1%
A Little Bit Wrong	46.9%	19.6%
Not Wrong At All	49.5%	26.6%
smoke cigarettes?	Cigarettes (lifetime use)	Cigarettes (past 30 days)
Very Wrong	5.0%	0.5%
Wrong	20.2%	3.7%
A Little Bit Wrong	37.8%	14.2%
Not Wrong At All	36.1%	15.9%
use prescription drugs not prescribed to you?	Prescription drugs (lifetime use)	Prescription drugs (past 30 days)
Very Wrong	3.0%	0.6%
Wrong	9.8%	1.8%
A Little Bit Wrong	19.0%	4.9%
Not Wrong At All	17.0%	5.7%

# APPENDIX C: DRUG FREE COMMUNITIES DATA

			61	th	81	th	10	th	12	2th	Ma	ale	Fen	nale
Core Measure	Definition	Substance	Percent	Sample										
	take one or two drinks of an alcoholic beverage (beer, wine, liquor) nearly every day	Regular drinking	58.3	151	59.0	161	69.8	212	70.0	150	65.8	319	63.6	346
Perception of Risk*	take five or more drinks of an alcoholic beverage once or twice a week	Binge drinking	66.2	151	72.0	161	74.3	210	76.5	149	73.5	317	71.3	345
(People are at Moderate or Great Risk of	smoke one or more packs of cigarettes per day	Tobacco	73.0	152	74.5	161	76.9	212	82.7	150	77.8	320	76.0	346
harming themselves if they)	smoke marijuana regularly	Marijuana	75.8	149	75.0	160	69.6	207	67.6	148	70.9	316	72.9	339
	use prescription drugs that are not prescribed to them	Prescription drugs	75.2	149	77.6	161	79.7	212	81.9	149	77.6	317	79.7	345
	try vape products (such as e-cigarettes, vape pens, mods, or pod vapes like JUUL or Puff Bars)?	e-Cigarettes/vaping	63.6	151	57.2	159	68.2	211	64.9	148	0.0	0	61.8	343
Perception of	have one or two drinks of an alcoholic beverage nearly every day	Alcohol	95.3	150	93.7	158	91.4	210	85.9	149	92.7	313	90.4	344
Parental Disapproval* (Parents feel it would	smoke cigarettes	Tobacco	98.7	150	96.2	159	99.0	210	96.6	147	96.5	312	98.8	344
be Wrong or Very Wrong to)	smoke marijuana	Marijuana	100.0	149	96.8	158	96.2	209	89.9	148	95.8	312	95.6	342
	use prescription drugs not prescribed to you	Prescription drugs	99.3	150	97.5	159	98.6	210	98.7	149	98.7	314	98.3	344
	had beer, wine, or hard liquor	Alcohol	5.9	153	11.2	161	13.1	213	21.1	152	7.7	324	18.0	345
Past 30-Day Use*	smoked cigarettes	Tobacco	0.0	149	1.3	160	0.5	212	2.0	149	1.6	319	0.3	341
(at least one use in the past 30 days)	used marijuana	Marijuana	0.0	153	3.7	161	2.8	214	5.9	152	0.9	324	5.2	346
	combined results of prescription stimulant/sedative/ narcotics questions	Prescription drugs	0.0	155	0.0	161	0.0	215	0.7	151	0.3	325	0.0	347

<sup>\*</sup> For Past 30-Day Use, Perception of Risk, and Perception of Parental/Peer Disapproval, the "Sample" column represents the sample size - the number of people who answered the question and whose responses were used to determine the percentage. The "Percent" column represents the percentage of youth in the sample answering the question as specified in the definition.

# APPENDIX D: CONTACTS FOR PREVENTION

#### **National Contacts**

# SAMHSA/Center for Substance Abuse Prevention (CSAP)

http://www.samhsa.gov/prevention

#### Safe Schools and Healthy Students

http://www.samhsa.gov/resource/ebp/safe-schoolshealt hy-students-framework-implementation-toolkit

# Strategic Prevention Framework Technical Assistance

http://www.samhsa.gov/technical-assistance/sptac/framework

# DOJ/Office of Juvenile Justice and Delinquency Prevention (OJJDP)

www.ojjdp.gov

## Recovered (Addiction and Mental Health resources)

https://recovered.org/

## NIH/National Institute of Mental Health

www.nimh.nih.gov

# Suicide Prevention-National Institute of Mental Health

http://www.nimh.nih.gov/health/topics/suicide-prevention

#### Louisiana Social Indicators Web Tool

https://www.bach-harrison.com/lasocialindicators/

# Louisiana Caring Communities Youth Survey Website

https://www.louisianaccys.com/

#### State Contacts

#### Department of Health Office of Behavioral Health

Karen Stubbs Church, J.D.

**Assistant Secretary** 

## Department of Health Office of Behavioral Health

**Prevention Services** 

Felecia A. Johnson Program Manager

P.O. Box 3868

Baton Rouge, LA 70802

(225) 342-8939

(225) 342-3931(Fax)

felecia.johnson@la.gov

#### Governor's Office Office of Community Programs

State Office Building

1201 North 3rd Street, G219

Baton Rouge, LA 70802

(225) 342-3423 / (800) 827-5885

(225) 342-7081 (Fax)

www.gov.louisiana.gov/

# Louisiana Department of Education Division of School and Community Support

1201 North Third Street

Baton Rouge, LA 70802

(225) 342-3338

(225) 219-1691 (Fax)

www.louisianabelieves.com

## **Regional Contacts**

#### Region I

Metropolitan Human Services District

3100 General de Gaule New Orleans, LA70114

504-568-3130

504-568-3137 (Fax)

#### **Region II**

#### **Capital Area Human Services**

7389 Florida Blvd. Suite 100A Baton Rouge, LA 70806 225-925-3827 225-925-1987 (Fax)

#### **Region III**

#### South Central Louisiana Human Services Authority

158 Regal Row Houma, LA 70374 985-857-3615 x 143 985-876-8824 (Fax)

#### **Region IV**

#### Acadiana Area Human Services District

302 Dulles Drive Lafayette, LA 70506 337-262-1105 337-262-1103 (Fax)

#### Region V

#### Imperial Calcasieu Human Services Authority

4105 Kirkman Street Lake Charles, LA 70607 (337) 475-3100

#### Region VI

#### Central Louisiana Human Services District

5411 Colisuem Blvd. Alexandria, LA 71303 318-484-2169 318-487-5453 (Fax)

#### **Region VII**

#### Northwest Louisiana Human Services District

1310 North Hearne Ave. Shreveport, LA 71107 318-676-5102 318-676-5944 (Fax)

#### **Region VIII**

#### Northeast Delta Human Services Authority

2513 Ferrand Street Monroe, LA 71201 318-362-5483 318-362-3268 (Fax)

#### **Region IX**

#### Florida Parishes Human Services Authority

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# APPENDIX E: RISK AND PROTECTIVE SCALE DEFINITIONS

An explanation of the scales that measure the risk and protective factors shown in the profiles

### Community Domain Risk Factors

**Low Neighborhood Attachment** – Low neighborhood bonding is related to higher levels of juvenile crime and drug selling.

Laws and Norms Favorable Toward Drug Use – Research has shown that legal restrictions on alcohol and tobacco use, such as raising the legal drinking age, restricting smoking in public places, and increased taxation have been followed by decreases in consumption. Moreover, national surveys of high school seniors have shown that shifts in normative attitudes toward drug use have preceded changes in prevalence of use.

Perceived Availability of Drugs and Handguns – The availability of cigarettes, alcohol, marijuana, and other illegal drugs has been related to the use of these substances by adolescents. The availability of handguns is also related to a higher risk of crime and substance use by adolescents.

### Community Domain Protective Factors

**Rewards for Prosocial Involvement** – Rewards for positive participation in activities helps youth bond to the community, thus lowering their risk for substance use.

### Family Domain Risk Factors

**Poor Family Management** – Parents' use of inconsistent and/or unusually harsh or severe punishment with their children places them at higher risk for substance use and other problem behaviors. Also, parents' failure to provide clear expectations and to monitor their children's behavior makes it more likely that they will engage in drug abuse whether or not there are family drug problems.

**Family Conflict** – Children raised in families high in conflict, whether or not the child is directly involved in the conflict, appear at risk for both delinquency and drug use.

**Family History of Antisocial Behavior** – When children are raised in a family with a history of problem behaviors (e.g., violence or ATOD use), the children are more likely to engage in these behaviors.

Parental Attitudes Favorable Toward Antisocial Behavior & Drugs – In families where parents use illegal drugs, are heavy users of alcohol, or are tolerant of children's use, children are more likely to become drug abusers during adolescence. The risk is further increased if parents involve children in their own drug (or alcohol) using behavior, for example, asking the child to light the parent's cigarette or get the parent a beer from the refrigerator.

## Family Domain Protective Factors

**Family Attachment** – Young people who feel that they are a valued part of their family are less likely to engage in substance use and other problem behaviors.

**Opportunities for Prosocial Involvement** – Young people who are exposed to more opportunities to participate meaningfully in the responsibilities and activities of the family are less likely to engage in drug use and other problem behaviors.

**Rewards for Prosocial Involvement** – When parents, siblings, and other family members praise, encourage, and attend to things done well by their child, children are less likely to engage in substance use and problem behaviors.

#### School Domain Risk Factors

**Academic Failure** – Beginning in late elementary (grades 4-6) academic failure increases the risk of both drug abuse and delinquency. It appears that the experience of failure itself, for whatever reasons, increases the risk of problem behaviors.

Low Commitment to School – Surveys of high school seniors have shown that the use of drugs is significantly lower among students who expect to attend college than among those who do not. Factors such as liking school, spending time on homework, and perceiving the coursework as relevant are also negatively related to drug use.

#### School Domain Protective Factors

**Opportunities for Prosocial Involvement** – When young people are given more opportunities to participate meaningfully in important activities at school, they are less likely to engage in drug use and other problem behaviors.

**Rewards for Prosocial Involvement** – When young people are recognized and rewarded for their contributions at school, they are less likely to be involved in substance use and other problem behaviors.

#### Peer-Individual Risk Factors

Rebelliousness – Young people who do not feel part of society, are not bound by rules, don't believe in trying to be successful or responsible, or who take an active rebellious stance toward society, are at higher risk of abusing drugs. In addition, high tolerance for deviance, a strong need for independence and normlessness have all been linked with drug use.

Early Initiation of Antisocial Behavior and Drug Use – Early onset of drug use predicts misuse of drugs. The earlier the onset of any drug use, the greater the involvement in other drug use and the greater frequency of use. Onset of drug use prior to the age of 15 is a consistent

predictor of drug abuse, and a later age of onset of drug use has been shown to predict lower drug involvement and a greater probability of discontinuation of use.

Attitudes Favorable Toward Antisocial Behavior and Drug Use – During the elementary school years, most children express anti-drug, anti-crime, and pro-social attitudes and have difficulty imagining why people use drugs or engage in antisocial behaviors. However, in middle school, as more youth are exposed to others who use drugs and engage in antisocial behavior, their attitudes often shift toward greater acceptance of these behaviors. Youth who express positive attitudes toward drug use and antisocial behavior are more likely to engage in a variety of problem behaviors, including drug use.

**Perceived Risk of Drug Use** – Young people who do not perceive drug use to be risky are far more likely to engage in drug use.

**Interaction with Antisocial Peers** – Young people who associate with peers who engage in problem behaviors are at higher risk for engaging in antisocial behavior themselves.

Friends' Use of Drugs – Young people who associate with peers who engage in alcohol or substance abuse are much more likely to engage in the same behavior. Peer drug use has consistently been found to be among the strongest predictors of substance use among youth. Even when young people come from well-managed families and do not experience other risk factors, spending time with friends who use drugs greatly increases the risk of that problem developing.

**Rewards for Antisocial Behavior** – Young people who receive rewards for their antisocial behavior are at higher risk for engaging further in antisocial behavior and substance use.

### Peer-Individual Risk Factors (cont'd)

**Depressive Symptoms** – Young people who are depressed are overrepresented in the criminal justice system and are more likely to use drugs. Survey research and other studies have shown a link between depression and other youth problem behaviors.

**Gang Involvement** – Youth who belong to gangs are more at risk for antisocial behavior and drug use.

#### Peer-Individual Protective Factors

**Belief in the Moral Order** – Young people who have a belief in what is "right" or "wrong" are less likely to use drugs.

**Interaction with Prosocial Peers** – Young people who associate with peers who engage in prosocial behavior are more protected from engaging in antisocial behavior and substance use.

**Prosocial Involvement** – Participation in positive school and community activities helps provide protection for youth.

**Rewards for Prosocial Involvement** – Young people who are rewarded for working hard in school and the community are less likely to engage in problem behavior.