

**Evalumetrics Youth Survey 2019
Wayne County**

**Wayne County
Evalumetrics Youth Survey
(Risk and Protective Factor Survey)
2019**

**Summary Report
July 2019**

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Evalumetrics Youth Survey 2019 Wayne County

INTRODUCTION

The **Wayne County Partnership for Strengthening Families** was established to “collaborate to strengthen individuals and families through agency cooperation and resource alignment”. In cooperation with the **21st Century Learning Communities** project and other school and community-based programs; the **Evalumetrics Youth Survey (EYS)** was conducted in schools throughout Wayne County in 2013, 2015, 2017, and 2019. The EYS is based on the *Risk and Protective Factor Model* developed at the University of Washington by J. David Hawkins, Richard Catalano, and Janet Miller. The EYS asks students about several critical health risk behaviors such as substance use, violence, and depression. The EYS also includes questions about students’ attitudes toward and connection to school, family, and community.

This report provides results for Wayne County, NY. Details of the student response sample for Wayne County are shown in appendix A.

2019 Survey Participants		
Middle School Students (Grades 6 and 8)	High School Students (Grade 10 and 12)	

Grade	Females	Males
6th	433	437
8th	415	399
10th	393	359
12th	385	343
Total	1,626	1,538



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Wayne County

Summary

- As in past years, alcohol remains the substance of choice for young people in Wayne County, with one in five (20.4%) 12th grade students reporting drinking in the past 30 days and one in 10 (10.1%) reporting binge drinking (more than five drinks on a single occasion).
- Cigarette smoking is a decreasing concern with one in 20 (5.0%) 12th grade students reporting smoking in the past 30 days.
- Nearly one in six (16.6%) 12th grade students reported using marijuana in the past 30 days.
- Other than alcohol, tobacco, or marijuana, few students reported use of any other substance. Fewer than one in 20 (1.8%) 12th grade students used any other substance with the most common being edible marijuana (1.4%).
- While use and overdose deaths from heroin and opioid pain relievers is a major concern for young adults, reported use among students in the survey was minimal with less than two percent reporting use in the past 30 days.
- In terms of risk and protective factors, students in all grades scored above the risk level for Lack of Rewards for Prosocial Behavior in the Community. Students in grades 8, 10, and 12 also scored at risk from Sensation Seeking.
- Other prevalent factors include Low Neighborhood Attachment and perceived Community Disorganization.
- More than one in nine (12.7%) 6th grade students reported being bullied.
- Nearly half of female students, and more than a third of boys at all grade levels, reported feeling sad most days.
- One in 10 10th grade (11.7%) and 12th grade (10.4%) girls reported making a plan to commit suicide in the past year.
- Nearly one in five (19.8%) 10th grade girls and one in four (23.9%) 12th grade girls reported injuring themselves by cutting or burning when they were upset.

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Wayne County

Risk and Protective Factors

The *Risk and Protective Factor Model* was developed at the University of Washington by J. David Hawkins, Richard Catalano, and Janet Miller. The model was developed by reviewing two decades of research that identified a link between certain risk factors and several problem behaviors and between protective factors and avoidance of problem behaviors. A major strength of this model is that by implementing strategies to reduce factors that predict one problem, e.g. alcohol and other drug abuse, communities will likely reduce other negative behaviors, such as violence, delinquency, teen-pregnancy, gambling, and dropping out of school.

While some risk factor prevalence might be low when compared to prevalence of use, it should be noted that risk factors are often predictors of future behavior. For example, one of the most common risk factors for 6th grade is Lack of Perceived Risk of Drug Use yet reported use of drugs by 6th graders is very rare¹.

¹ *The survey does not measure all risk or protective factors. For example, poverty is a significant risk factor.*

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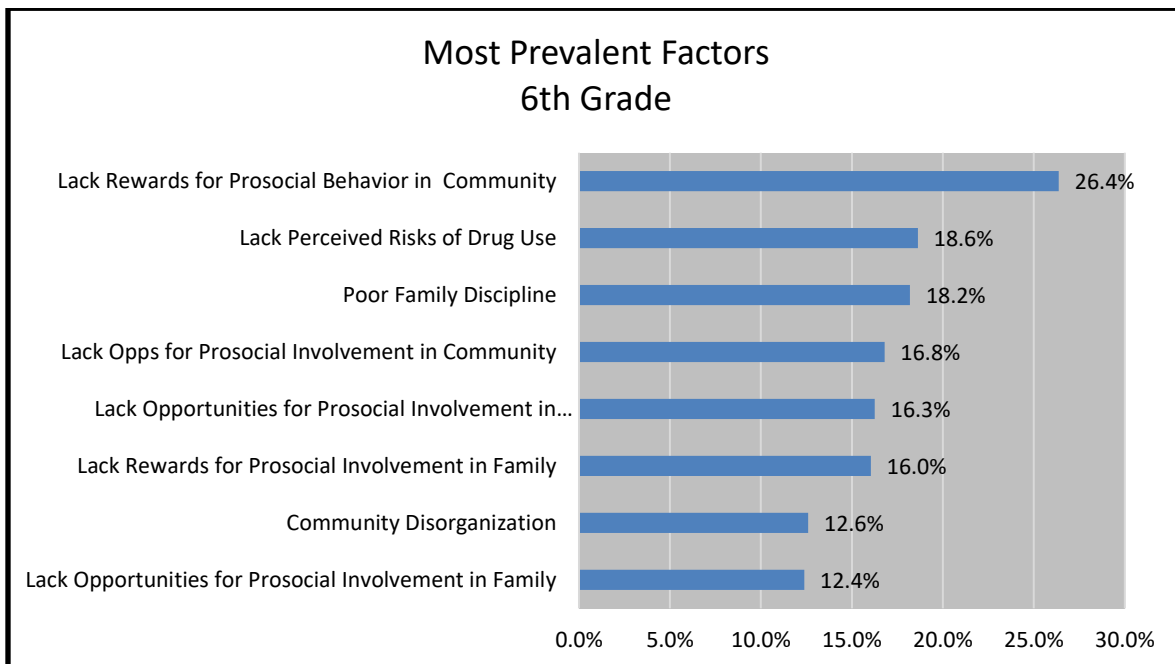
Wayne County

Middle School Risk and Protective Factors - Table 1a (see Attachment 1) shows the proportion of 6th grade students who scored at or above the risk level on each factor scale. The table is sorted from the most prevalent risk factors to least common in 2019.

6th Grade Risk and Protective Factors

The most prevalent factor among 6th grade students was Lack Rewards for Prosocial Behavior in the Community with 26.4% scoring above the risk level.

Other prevalent factors include: Lack Perceived Risks of Drug Use (18.6%); Poor Family Discipline (18.2%); and Lack Opportunities for Prosocial Involvement in Community (16.8%).



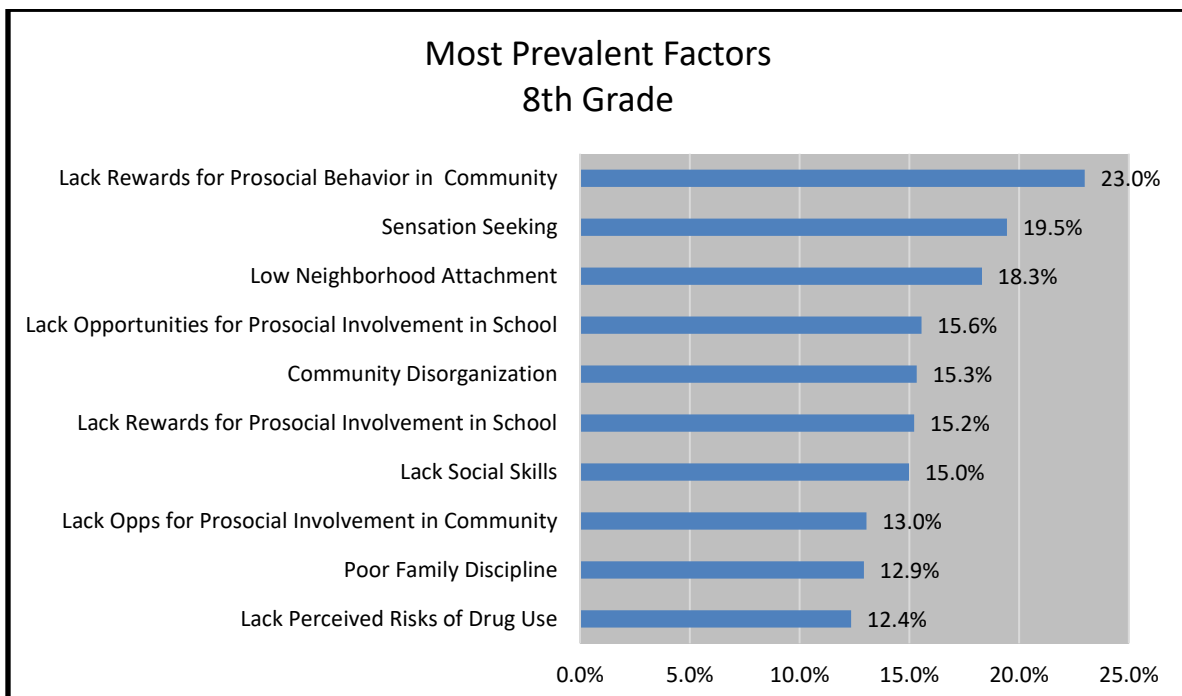
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Middle School Risk and Protective Factors- Table 1b (see Attachment 1) shows the proportion of 8th grade students who scored at or above the risk level on each factor scale. The table is sorted by the most prevalent risk factors to least common in 2019.

8th Grade Risk and Protective Factors

The most prevalent factor among 8th grade students was Lack Rewards for Prosocial Behavior in the Community with 23.0% scoring above the risk level.

Other prevalent factors include Sensation Seeking (19.5%); Low Neighborhood Attachment (18.3%); and Lack Opportunities for Prosocial Involvement in School (15.6%).



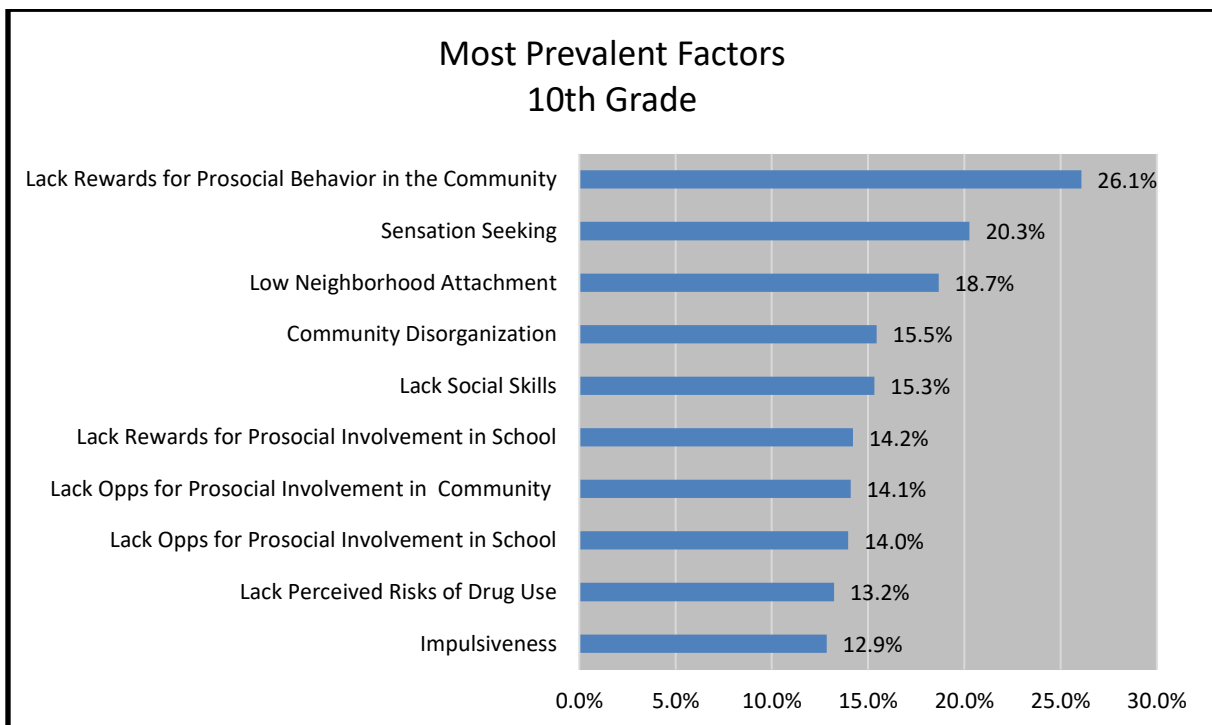
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High School Risk and Protective Factors - Table 1c (see Attachment 1) shows the proportion 10th grade students who scored at or above the risk level on each factor. The table is sorted by most common Risk Factors to least common in 2019.

10th Grade Risk and Protective Factors

The most prevalent factor among 10th grade students was Lack Rewards for Prosocial Behavior in the Community with 26.1% scoring above the risk level.

Other prevalent factors include Sensation Seeking (20.3%); Low Neighborhood Attachment (18.7%); and Community Disorganization (15.5%).



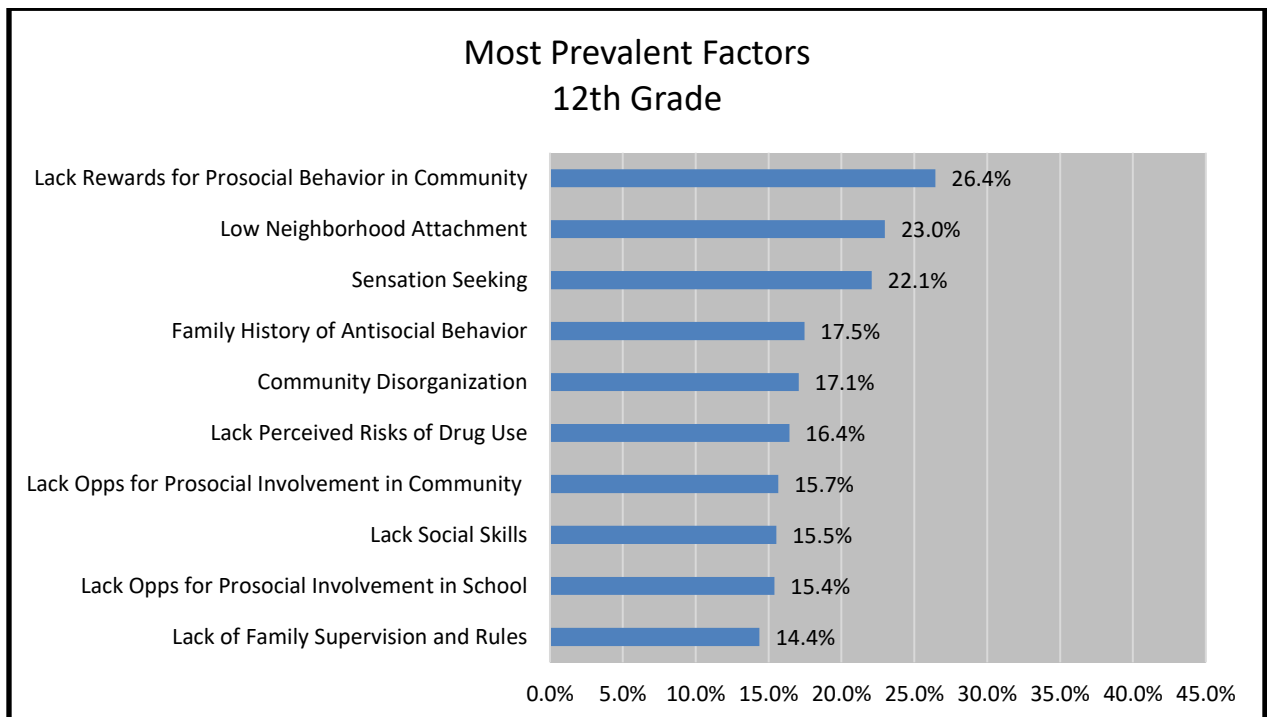
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High School Risk and Protective Factors - Table 1d (see Attachment 1) shows the proportion of 12th grade students who scored at or above the risk level on each factor. The table is sorted by most common Risk Factors to least common in 2019.

12th Grade Risk and Protective Factors

The most prevalent factor among 12th grade students was Lack Rewards for Prosocial Behavior in the Community with 26.4% scoring above the risk level.

Other prevalent factors include: Low Neighborhood Attachment (23.0%); Sensation Seeking (22.1%); and Family History of Antisocial Behavior (17.5%).

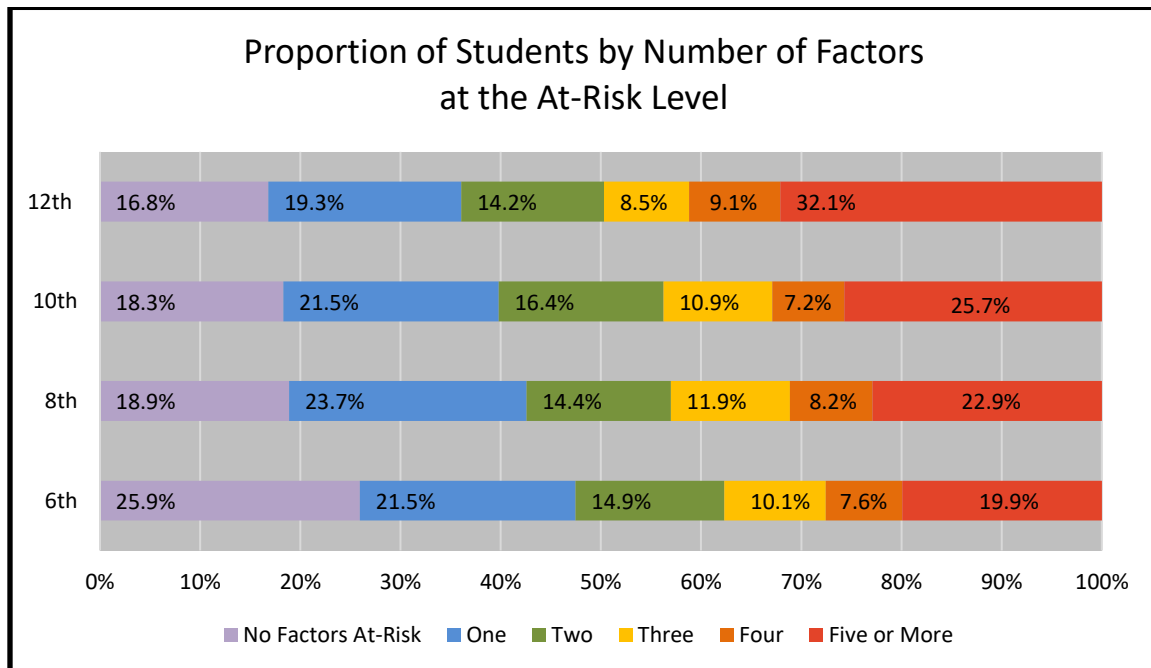


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Wayne County

Overall Risk

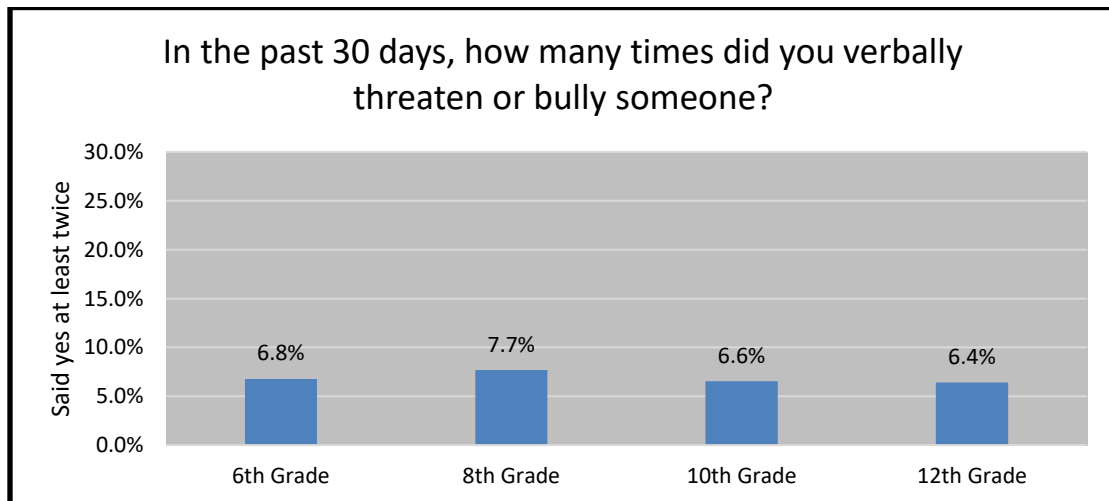
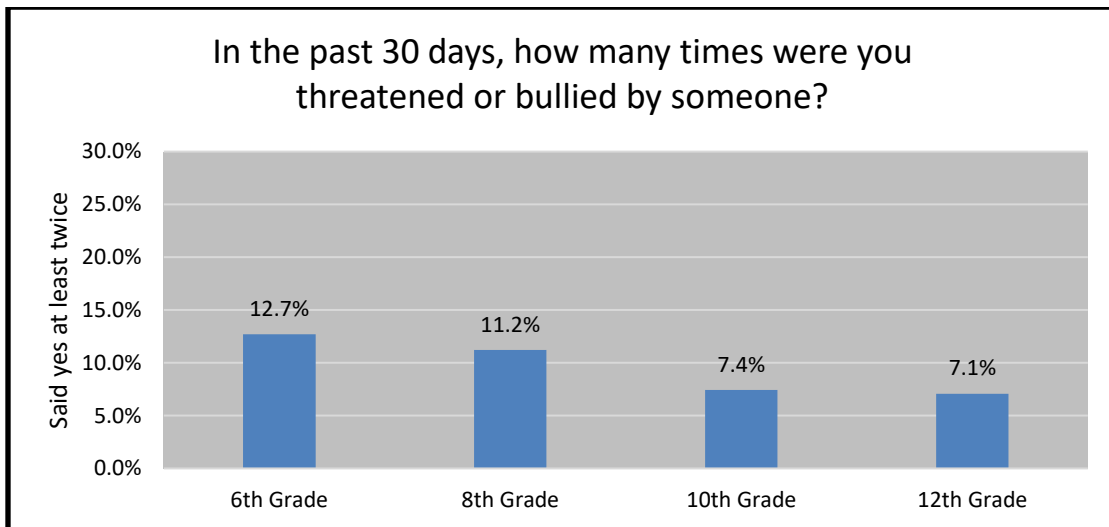
The Risk and Protective Factor framework states that an individual student's likelihood of being involved in substance abuse, violence, or other negative behavior increases relative to the number of factors from which the student is at-risk. Thus, an additional measure of overall risk in a community is the number of students reporting multiple factors beyond the at-risk level. Table 2 (see Attachment 1) shows the frequencies of the number of factors on which students scored above the risk level. One in three (32.1%) 12th grade student scored at the risk level on five or more factors.



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Bullying

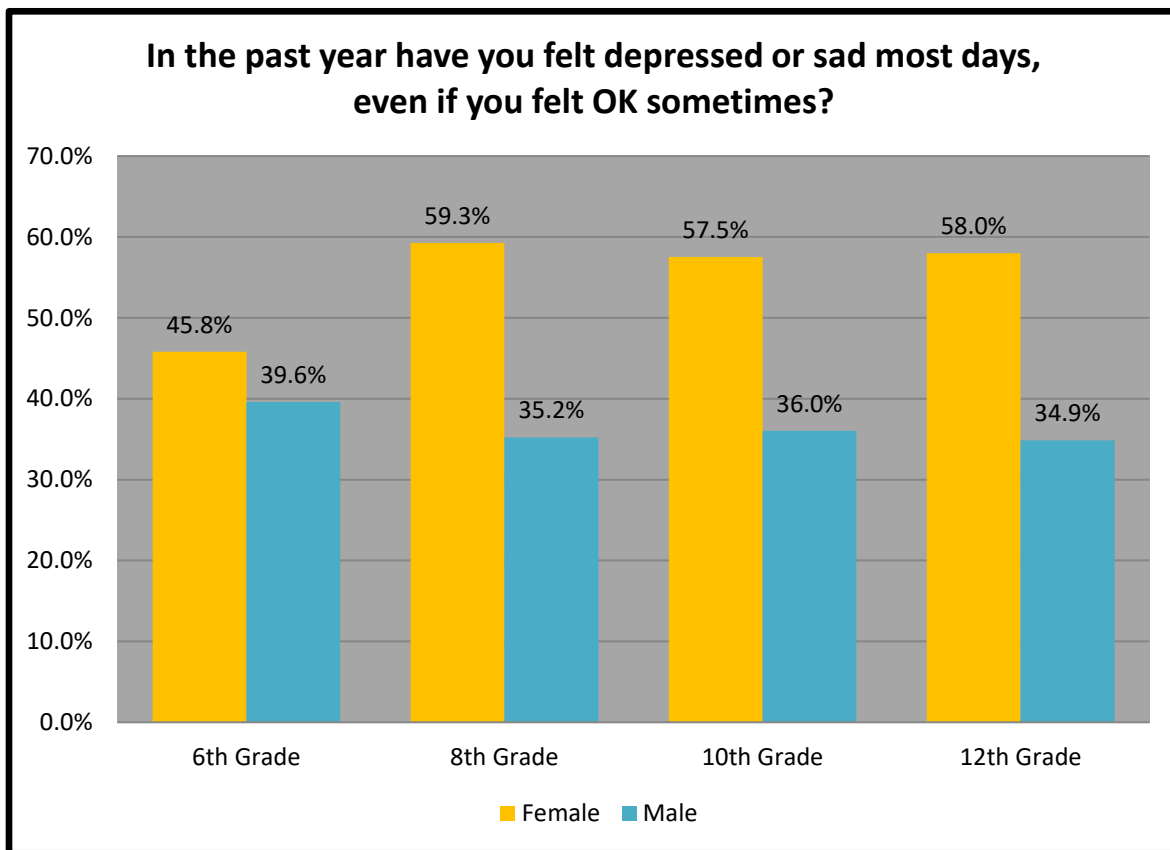
Bullying and other violent behavior are a major concern for students, parents, and school administrators. Several items in the Risk and Protective Factor Survey relate to bullying. Tables 3a and 3b (see Attachment 1) present responses to these items.



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Depression

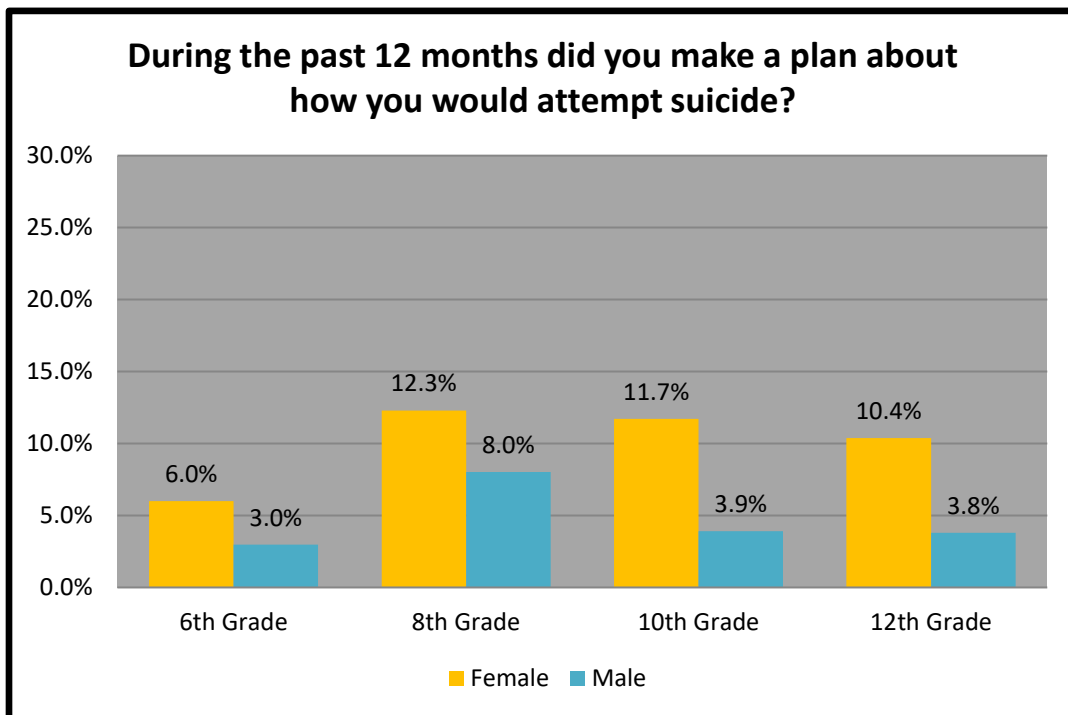
Teenage depression is a serious problem that impacts every aspect of a teen’s life. Left untreated, teen depression can lead to problems at home and school, drug abuse, and an overwhelming sense of sadness, despair, or anger. The survey included several items identical to the Centers for Disease Control and Prevention, *Youth Risk Behavior Survey*. The first of these asks students if they “feel depressed most of the time, even if you feel happy sometimes.” Table 4 (see Attachment 1) present responses to items related to depression and suicide ideation.



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Suicide Ideation

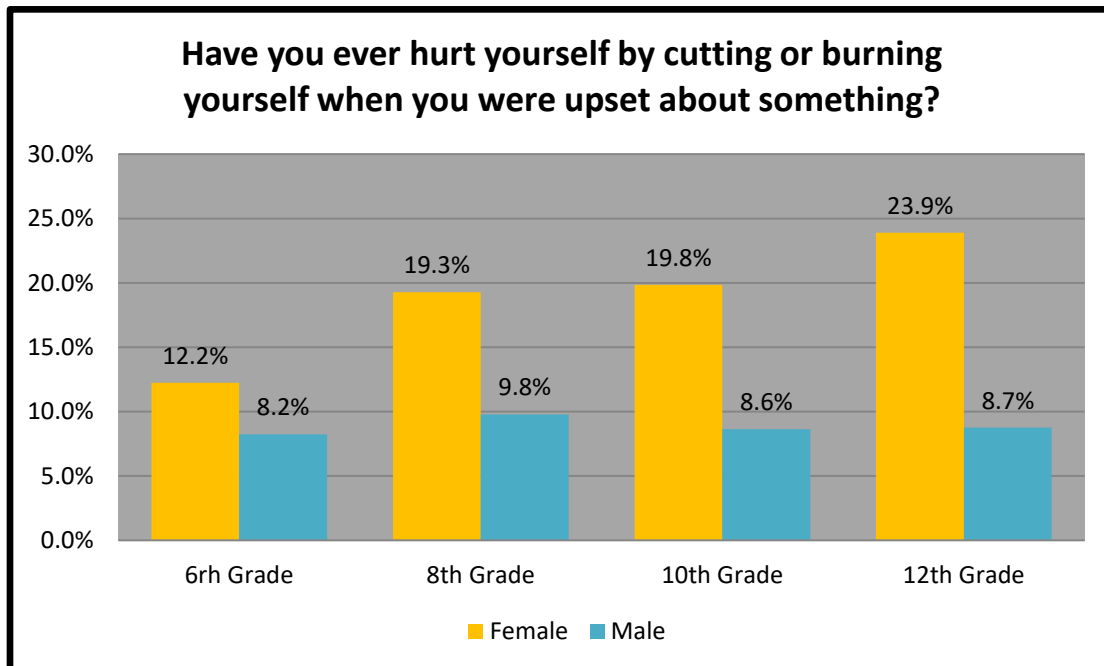
The greatest concern about depression and other negative feelings is the possibility that a student might contemplate, plan, or attempt suicide. Items from the Centers for Disease Control and Prevention, *Youth Risk Behavior Survey* were included in the survey to address these concerns.



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Self-Injury

Some teens have a difficult time balancing their conflicting feelings and some turn to harmful activities like drinking, using drugs, or self-injury. Intentional self-injurious behavior, through cutting or burning, is used as a mechanism for coping with emotional distress. Those who self-injure often are experiencing overwhelming feelings, like extreme anxiety or tension, and in the moment self-injury may seem to provide a feeling of escape or relief. These injuries are not a suicide attempt and often are interpreted as expressions of anger or psychological pain. Table 4 (see Attachment 1) presents responses to this item.



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Adverse Childhood Experiences

Extensive research on trauma experienced by young people has led to the development of the concept of **Adverse Childhood Experiences** or **ACEs**. Adverse experiences include events that result from abuse, neglect, or household dysfunction. ACEs are strongly related to the development and prevalence of a wide range of health problems throughout a person’s lifespan, including those associated with substance misuse and academic failure. The 2019 EYS included a question about how many of the 11 most common ACEs the student had experienced. The survey did not ask about specific trauma. Table 5 shows the frequency of ACE scores. An ACE score of 2 or more is considered an at-risk level and has been shown to be related to many of the substance use and health risk behaviors included in the survey. More than one in seven (16.2%) 6th grader and one third (32.9%) of 12th graders reported an ACE score of two or more.

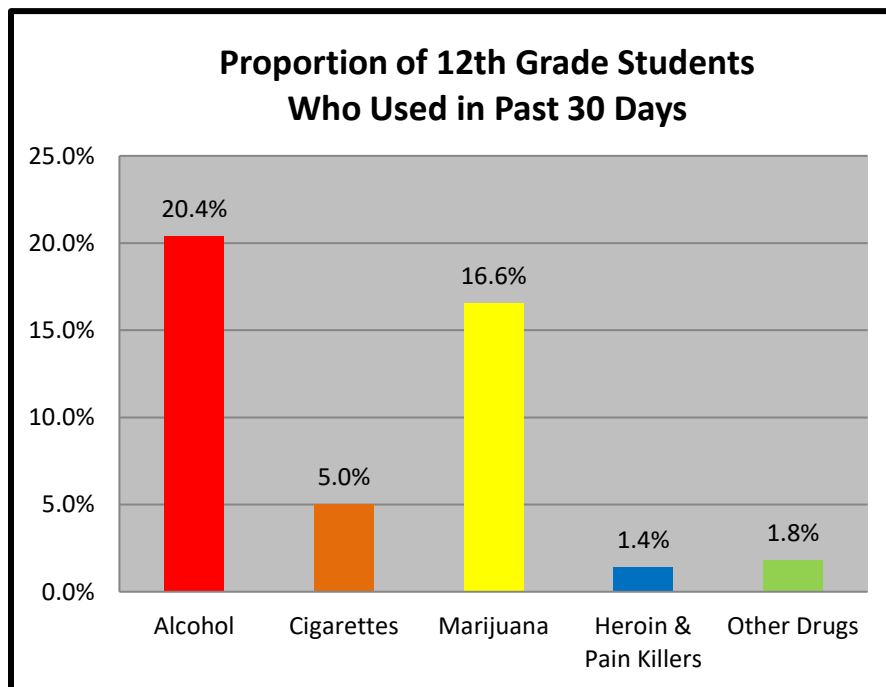
Wayne County	6 th	8 th	10 th	12 th
How many Adverse Childhood Experiences?	929	874	809	779
None	47.9%	40.4%	41.8%	35.6%
1	25.1%	22.1%	19.7%	20.7%
2	10.7%	13.1%	11.2%	10.9%
3	5.8%	6.7%	9.6%	9.2%
4	3.0%	4.1%	5.4%	5.3%
5	2.2%	4.5%	5.2%	7.5%
6	1.2%	3.3%	1.5%	3.7%
7	1.0%	1.7%	1.5%	2.3%
8	0.3%	1.0%	1.8%	1.8%
9	0.5%	0.7%	0.6%	0.8%
10	0.3%	0.7%	0.6%	0.8%
11	2.0%	1.6%	0.9%	1.3%
More than two	16.2%	24.4%	27.3%	32.9%

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Prevalence of Substance Use

Young peoples' use and abuse of alcohol, tobacco, and other drugs remains a major concern for parents, health professionals, law enforcement, and schools. Since the 1990s substance abuse prevention has developed evidence-based programs based on the Risk and Protective Factor Model. In the EYS, students were asked if – and how often – they had used alcohol, tobacco, marijuana, or other substances. Table 6 (see Attachment 1) shows the proportions of students (prevalence) who reported ever using, using in the 12 months prior to the survey and using in the 30 days prior to the survey. Alcohol, marijuana, and cigarettes are the most frequently used substances. While use and overdose deaths from heroin and opioid pain relievers is a major concern for young adults, reported use among students in the survey was minimal with less than two percent reporting use in the past 30 days. Significant results include:

	6 th Grade	8 th Grade	10 th Grade	12 th Grade
Used in Past 30 Days				
Alcohol	1.3%	4.7%	12.7%	20.4%
Cigarettes	0.6%	1.3%	2.6%	5.0%
Marijuana	0.8%	3.0%	11.1%	16.6%
Heroin & Pain Killers	0.4%	0.1%	0.5%	1.4%
Other Drugs	0.9%	1.3%	0.9%	1.8%



ATTACHMENT 1

Risk and Protective Factor Survey

Results Tables

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Risk and Protective Factors

Table 1a. Sixth Grade	Year	Wayne County
	N=	2019
Lack Rewards for Prosocial Behavior in Community (P2-C)		26.4%
Lack Perceived Risks of Drug Use (P8-PI)		18.6%
Poor Family Discipline (R7-F)		18.2%
Lack Opportunities for Prosocial Involvement in the Community (P1-C)		16.8%
Lack Opportunities for Prosocial Involvement in School (P6-S)		16.3%
Lack Rewards for Prosocial Involvement in Family (P5-F)		16.0%
Community Disorganization (R2-C)		12.6%
Lack Rewards for Prosocial Involvement in School(P7-S)		12.6%
Lack Opportunities for Prosocial Involvement in Family(P4-F)		12.4%
Low Neighborhood Attachment (R1-C)		11.1%
Little Commitment to School (R13-S)		10.7%
Laws and Norms Favorable to Drug Use (R4-C)		9.9%
Lack Social Skills (P10-PI)		9.6%
Personal Transitions/Mobility (R3-C)		9.0%
Impulsiveness (R16-PI)		8.6%
Family History of Antisocial Behavior (R9-F)		7.6%
Family Conflict (R8-F)		6.2%
Lack of Family Supervision and Rules (R6-F)		6.1%
Lack Attachment to Family (P3-F)		5.7%
Rebelliousness (R14-PI)		5.5%
Parental Attitudes Favorable to Drug Use (R10-F)		5.3%
Favorable Attitudes Toward Antisocial Behavior (R18-PI)		4.6%
Rewards for Antisocial Involvement (R23-PI)		3.6%
Antisocial Behavior (R17-PI)		3.1%
Favorable Attitudes Toward Drug Use (R19-PI)		3.1%
Parental Attitudes Favorable to Antisocial Behavior (R11-F)		2.9%

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Table 1b. Risk and Protective Factors

Table 1b. Eighth Grade	Year	Wayne County
	N=	2019
Lack Rewards for Prosocial Behavior in the Community (P2-C)		23.0%
Sensation Seeking (R22-PI)		19.5%
Low Neighborhood Attachment (R1-C)		18.3%
Lack Opportunities for Prosocial Involvement in School (P6-S)		15.6%
Community Disorganization (R2-C)		15.3%
Lack Rewards for Prosocial Involvement in School(P7-S)		15.2%
Lack Social Skills (P10-PI)		15.0%
Lack Opportunities for Prosocial Involvement in the Community (P1-C)		13.0%
Poor Family Discipline (R7-F)		12.9%
Lack Perceived Risks of Drug Use (P8-PI)		12.4%
Lack Opportunities for Prosocial Involvement in Family(P4-F)		12.2%
Impulsiveness (R16-PI)		11.2%
Lack Attachment to Family (P3-F)		10.2%
Little Commitment to School (R13-S)		10.1%
Family Conflict (R8-F)		8.5%
Rebelliousness (R14-PI)		8.4%
Lack of Family Supervision and Rules (R6-F)		8.0%
Favorable Attitudes Toward Antisocial Behavior (R18-PI)		7.9%
Personal Transitions/Mobility (R3-C)		7.6%
Interaction with Antisocial Peers (R20-PI)		7.6%
Rewards for Antisocial Involvement (R23-PI)		6.6%
Family History of Antisocial Behavior (R9-F)		6.4%
Lack Rewards for Prosocial Involvement in Family (P5-F)		5.3%
Parental Attitudes Favorable to Antisocial Behavior (R11-F)		4.9%
Lack a Belief in Moral Order (P11-PI)		4.7%
Laws and Norms Favorable to Drug Use (R4-C)		4.1%
Antisocial Behavior (R17-PI)		3.1%
Parental Attitudes Favorable to Drug Use (R10-F)		3.0%
Favorable Attitudes Toward Drug Use (R19-PI)		2.9%
Friend Use Drugs (R21-PI)		2.6%
Perceived Availability of Drugs (R5-C)		2.1%

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Risk and Protective Factors

Table 1c. Tenth Grade

Wayne County

Year	2019
N=	809
Lack Rewards for Prosocial Behavior in the Community (P2-C)	26.1%
Sensation Seeking (R22-PI)	20.3%
Low Neighborhood Attachment (R1-C)	18.7%
Community Disorganization (R2-C)	15.5%
Lack Social Skills (P10-PI)	15.3%
Lack Rewards for Prosocial Involvement in School(P7-S)	14.2%
Lack Opportunities for Prosocial Involvement in the Community (P1-C)	14.1%
Lack Opportunities for Prosocial Involvement in School (P6-S)	14.0%
Lack Perceived Risks of Drug Use (P8-PI)	13.2%
Impulsiveness (R16-PI)	12.9%
Lack Opportunities for Prosocial Involvement in Family(P4-F)	12.0%
Lack Attachment to Family (P3-F)	10.1%
Little Commitment to School (R13-S)	9.9%
Rebelliousness (R14-PI)	9.9%
Poor Family Discipline (R7-F)	9.8%
Laws and Norms Favorable to Drug Use (R4-C)	9.4%
Favorable Attitudes Toward Antisocial Behavior (R18-PI)	9.3%
Lack of Family Supervision and Rules (R6-F)	8.5%
Rewards for Antisocial Involvement (R23-PI)	8.2%
Family Conflict (R8-F)	8.0%
Interaction with Antisocial Peers (R20-PI)	8.0%
Friend Use Drugs (R21-PI)	7.7%
Personal Transitions/Mobility (R3-C)	7.3%
Lack Rewards for Prosocial Involvement in Family (P5-F)	6.1%
Lack a Belief in Moral Order (P11-PI)	5.9%
Parental Attitudes Favorable to Drug Use (R10-F)	5.7%
Parental Attitudes Favorable to Antisocial Behavior (R11-F)	5.4%
Perceived Availability of Drugs (R5-C)	4.4%
Favorable Attitudes Toward Drug Use (R19-PI)	4.4%
Antisocial Behavior (R17-PI)	4.2%
Family History of Antisocial Behavior (R9-F)	0.1%

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Risk and Protective Factors

Table 1d. Twelfth Grade

Wayne County

Year	2019
N=	779
Lack Rewards for Prosocial Behavior in the Community (P2-C)	26.4%
Low Neighborhood Attachment (R1-C)	23.0%
Sensation Seeking (R22-PI)	22.1%
Family History of Antisocial Behavior (R9-F)	17.5%
Community Disorganization (R2-C)	17.1%
Lack Perceived Risks of Drug Use (P8-PI)	16.4%
Lack Opportunities for Prosocial Involvement in the Community (P1-C)	15.7%
Lack Social Skills (P10-PI)	15.5%
Lack Opportunities for Prosocial Involvement in School (P6-S)	15.4%
Lack of Family Supervision and Rules (R6-F)	14.4%
Laws and Norms Favorable to Drug Use (R4-C)	13.7%
Little Commitment to School (R13-S)	13.4%
Parental Attitudes Favorable to Drug Use (R10-F)	13.0%
Lack Opportunities for Prosocial Involvement in Family(P4-F)	13.0%
Impulsiveness (R16-PI)	12.8%
Lack Rewards for Prosocial Involvement in School(P7-S)	12.6%
Poor Family Discipline (R7-F)	11.3%
Rebelliousness (R14-PI)	11.0%
Lack Attachment to Family (P3-F)	10.8%
Friend Use Drugs (R21-PI)	10.1%
Interaction with Antisocial Peers (R20-PI)	9.6%
Favorable Attitudes Toward Drug Use (R19-PI)	9.4%
Perceived Availability of Drugs (R5-C)	9.1%
Favorable Attitudes Toward Antisocial Behavior (R18-PI)	8.7%
Rewards for Antisocial Involvement (R23-PI)	8.6%
Personal Transitions/Mobility (R3-C)	7.6%
Family Conflict (R8-F)	7.4%
Lack Rewards for Prosocial Involvement in Family (P5-F)	7.2%
Parental Attitudes Favorable to Antisocial Behavior (R11-F)	6.8%
Lack a Belief in Moral Order (P11-PI)	5.6%
Antisocial Behavior (R17-PI)	5.3%

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Table 2. Overall Risk

Proportion of Students by Number of Factors at the At-Risk Level

2019 Grade N=	Wayne County Schools 6th	Wayne County Schools 8th	Wayne County Schools 10th	Wayne County Schools 12th
	929	874	809	779
No Factors At-Risk	25.9%	18.9%	18.3%	16.8%
One	21.5%	23.7%	21.5%	19.3%
Two	14.9%	14.4%	16.4%	14.2%
Three	10.1%	11.9%	10.9%	8.5%
Four	7.6%	8.2%	7.2%	9.1%
Five or More	19.9%	22.9%	25.7%	32.1%

Evalumetrics Youth Survey 2019 Wayne County

Table 3. Bullying

	Wayne County	Wayne County	Wayne County	Wayne County
Table 3-a.	Schools	Schools	Schools	Schools
EYS 2019	6th Grade	8th Grade	10th Grade	12th Grade
In the past 30 days how many times were you threatened or bullied by someone? N=	929	874	809	779
None	87.3%	88.8%	92.6%	92.9%
Once	0.0%	0.0%	0.0%	0.0%
Twice	0.0%	0.0%	0.0%	0.0%
Three or more	12.7%	11.2%	7.4%	7.1%

	Wayne County	Wayne County	Wayne County	Wayne County
Table 3-b.	Schools	Schools	Schools	Schools
EYS 2019	6th Grade	8th Grade	10th Grade	12th Grade
In the past 30 days how many times did you verbally threaten or bully someone? N=	929	874	809	779
None	61.0%	56.5%	60.7%	65.1%
Once	4.8%	6.6%	4.3%	2.8%
Twice	3.0%	2.6%	2.2%	1.7%
Three or more	3.8%	5.0%	4.3%	4.7%

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Table 4. Behavioral Health Risk Behaviors

Table 4-a.

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**In the past year have you felt
depressed or sad most days, even if
you felt OK sometimes?**

	6th Grade		8th Grade		10th Grade		12th Grade	
	Females	Males	Females	Males	Females	Males	Females	Males
N	433	437	415	399	393	359	385	343
Strongly disagree	26.3%	26.8%	17.9%	31.1%	15.6%	30.1%	14.0%	28.6%
Disagree	27.8%	33.5%	22.8%	33.7%	26.9%	33.9%	28.0%	36.5%
Agree	24.6%	27.8%	29.6%	19.9%	35.6%	23.3%	30.0%	21.2%
Strongly agree	21.3%	11.8%	29.6%	15.4%	21.9%	12.7%	28.0%	13.7%
Agree/Strongly Agree	45.8%	39.6%	59.3%	35.2%	57.5%	36.0%	58.0%	34.9%

Evalumetrics Youth Survey 2019 Wayne County

**Table 4-b.
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Wayne County**

**In the past 12 months, did you
think about or consider committing
suicide?**

	6th Grade		8th Grade		10th Grade		12th Grade	
	Females	Males	Females	Males	Females	Males	Females	Males
N	433	437	415	399	393	359	385	343
Yes	14.1%	8.9%	22.4%	13.3%	20.6%	9.5%	19.7%	9.9%
No	85.9%	91.1%	77.6%	86.7%	79.4%	90.5%	80.3%	90.1%

**Table 4-c.
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Wayne County**

**During the past 12 months did you
actually attempt suicide?**

	6th Grade		8th Grade		10th Grade		12th Grade	
	Females	Males	Females	Males	Females	Males	Females	Males
N	433	437	415	399	393	359	385	343
Yes	5.3%	2.3%	7.0%	5.8%	8.4%	2.2%	5.5%	2.6%
No	94.7%	97.7%	93.0%	94.2%	91.6%	97.8%	94.5%	97.4%

Evalumetrics Youth Survey 2019 Wayne County

Table 4-d
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Wayne County

	6th Grade		8th Grade		10th Grade		12th Grade	
	Females	Males	Females	Males	Females	Males	Females	Males
Have you ever hurt yourself by cutting or burning yourself when you were upset about something?								
N	433	437	415	399	393	359	385	343
Yes	12.2%	8.2%	19.3%	9.8%	19.8%	8.6%	23.9%	8.7%
No	87.8%	91.8%	80.7%	90.2%	80.2%	91.4%	76.1%	91.3%

Evalumetrics Youth Survey 2019 Wayne County

**Table 5. Adverse Childhood Experiences
(ACE)**

Evalumetrics Youth Survey 2019

Wayne County

How many Adverse Childhood Experiences? N=

	6th	8th	10th	12th
	929	874	809	779
None	47.9%	40.4%	41.8%	35.6%
1	25.1%	22.1%	19.7%	20.7%
2	10.7%	13.1%	11.2%	10.9%
3	5.8%	6.7%	9.6%	9.2%
4	3.0%	4.1%	5.4%	5.3%
5	2.2%	4.5%	5.2%	7.5%
6	1.2%	3.3%	1.5%	3.7%
7	1.0%	1.7%	1.5%	2.3%
8	0.3%	1.0%	1.8%	1.8%
9	0.5%	0.7%	0.6%	0.8%
10	0.3%	0.7%	0.6%	0.8%
11	2.0%	1.6%	0.9%	1.3%
More than two	16.2%	24.4%	27.3%	32.9%

Evalumetrics Youth Survey 2019 Wayne County

Table 6. Prevalence of Substance Use 2019 in Wayne County

**Table 5-a
Wayne County**

Evalumetrics Youth Survey 2019 Reported Substance Use	Wayne County Schools 6th Grade	Wayne County Schools 8th Grade	Wayne County Schools 10th Grade	Wayne County Schools 12th Grade
Alcohol Use (except as part of religious ceremony) N=	929	874	809	779
Ever Used	5.9%	18.1%	33.7%	45.4%
Used in Past 12 Months	3.2%	12.7%	27.9%	40.3%
Used in Past 30 Days	1.3%	4.7%	12.7%	20.4%
>5 Drinks at Least Once in Past 30 Days	0.3%	1.6%	3.8%	10.1%

**Table 5-b
Risk and Protective Factor Survey
2019
Reported Substance Use**

Risk and Protective Factor Survey 2019 Reported Substance Use	Wayne County Schools 6th Grade	Wayne County Schools 8th Grade	Wayne County Schools 10th Grade	Wayne County Schools 12th Grade
Cigarette Use N=	929	874	809	779
Ever Used	3.2%	7.7%	10.8%	15.3%
Used in Past 12 Months	1.1%	3.9%	5.6%	8.2%
Used in Past 30 Days	0.6%	1.3%	2.6%	5.0%

Evalumetrics Youth Survey 2019 Wayne County

Table 5-c

Risk and Protective Factor Survey 2019 Reported Substance Use	Wayne County Schools 6th Grade 929	Wayne County Schools 8th Grade 874	Wayne County Schools 10th Grade 809	Wayne County Schools 12th Grade 779
Marijuana Use N=				
Ever Used	1.6%	7.9%	19.5%	31.7%
Used in Past 12 Months	1.4%	5.1%	16.9%	27.6%
Used in Past 30 Days	0.8%	3.0%	11.1%	16.6%

Table 5-d

Wayne County Risk and Protective Factor Survey Reported Substance Use	Wayne County Schools 6th Grade 929	Wayne County Schools 8th Grade 874	Wayne County Schools 10th Grade 809	Wayne County Schools 12th Grade 779
Other Drug Use N=				
Ever Used Other Drug	2.3%	2.5%	4.2%	6.0%
Used ANY in Past 12 Months	2.0%	2.3%	4.0%	5.6%
Cocaine	1.1%	0.1%	0.6%	0.9%
Cough/Cold Medicines	0.4%	0.7%	1.4%	1.3%
Crack	1.8%	0.2%	0.4%	0.6%
Ecstasy	0.4%	0.1%	0.6%	0.8%
Heroin	0.4%	0.1%	0.4%	0.6%
Inhalants	0.5%	0.5%	0.7%	0.8%
LSD/Psychedelic	0.4%	0.1%	0.7%	1.4%
Meth	0.4%	0.1%	0.4%	0.6%
Steroids	0.5%	0.1%	0.4%	0.6%
Uppers/Amphetamines	0.5%	0.1%	0.4%	1.0%
Pain killers such as Vicodin/Oxycontin	0.4%	0.2%	0.9%	1.5%
Other Prescription	0.5%	0.1%	0.7%	1.7%
Over the counter drugs	0.3%	0.2%	1.2%	0.9%
Edible Marijuana (Gummies, brownies, cubes, etc.)	1.0%	0.9%	1.1%	2.4%
Other	0.5%	0.6%	1.1%	1.0%

Evalumetrics Youth Survey 2019 Wayne County

Table 5. Prevalence of Substance Use 2019 in Wayne County

Table 5-e

Wayne County Risk and Protective Factor Survey Reported Substance Use Other Drug Use N=	Wayne County Schools 6th Grade 929	Wayne County Schools 8th Grade 874	Wayne County Schools 10th Grade 809	Wayne County Schools 12th Grade 779
Used ANY in Past 30 days	0.9%	1.3%	0.9%	1.8%
Cocaine	1.0%	0.2%	0.5%	1.0%
Cough/Cold Medicines	0.4%	0.5%	0.7%	1.0%
Crack	0.9%	0.2%	0.4%	0.9%
Ecstasy	0.5%	0.1%	0.4%	0.9%
Heroin	0.4%	0.1%	0.4%	0.9%
Inhalants	0.5%	0.5%	0.4%	0.9%
LSD/Psychedelic	0.4%	0.1%	0.5%	1.3%
Meth	0.4%	0.2%	0.4%	0.9%
Steroids	0.5%	0.2%	0.4%	0.9%
Uppers/Amphetamines	0.6%	0.1%	0.4%	1.2%
Pain killers such as Vicodin/Oxycontin	0.4%	0.1%	0.5%	1.4%
Other Prescription	0.4%	0.1%	0.5%	1.4%
Over the counter drugs	0.4%	0.5%	0.7%	1.0%
Edible Marijuana (Gummies, brownies, cubes, etc.)	0.6%	0.7%	0.6%	1.4%
Other	0.5%	0.6%	0.7%	1.2%

Evalumetrics Youth Survey 2019 Wayne County

Prevalence of Substance Use Over Time

Wayne County

Evalumetrics Youth Survey 2019	Wayne County	Wayne County	Wayne County	Change	Wayne County	Wayne County	Wayne County	Change
Reported Substance Use	2015 6th Grade	2017 6th Grade	2019 6th Grade	2017-2019 6th Grade	2015 8th Grade	2017 8th Grade	2019 8th Grade	2017- 2019 8th Grade
Alcohol Use (except as part of religious ceremony) N=	529	928	929		569	936	874	
Ever Used	4.7%	6.8%	5.92%	-12.79%	17.9%	16.0%	18.1%	12.81%
Used in Past 12 Months	2.8%	3.1%	3.23%	3.34%	13.0%	11.1%	12.7%	14.30%
Used in Past 30 Days	0.6%	1.1%	1.29%	19.87%	6.2%	4.9%	4.7%	-4.55%
>5 Drinks at Least Once in Past 30 Days	0.2%	0.3%	0.32%	-0.11%	2.8%	2.1%	1.6%	-25.03%

Wayne County

Evalumetrics Youth Survey 2019	Wayne County	Wayne County	Wayne County	Change	Wayne County	Wayne County	Wayne County	Change
Reported Substance Use	2015 6th Grade	2017 6th Grade	2019 6th Grade	2017-2019 6th Grade	2015 8th Grade	2017 8th Grade	2019 8th Grade	2017- 2019 8th Grade
Cigarette Use N=	529	928	929		569	936	874	
Ever Used	2.1%	2.8%	3.23%	15.26%	10.5%	7.1%	7.7%	8.72%
Used in Past 12 Months	0.9%	0.6%	1.08%	66.49%	6.9%	5.1%	3.9%	-24.14%
Used in Past 30 Days	0.4%	0.4%	0.65%	49.84%	4.7%	2.1%	1.3%	-41.10%

Evalumetrics Youth Survey 2019	Wayne County	Wayne County	Wayne County	Change	Wayne County	Wayne County	Wayne County	Change
Reported Substance Use	2015 6th Grade	2017 6th Grade	2019 6th Grade	2017-2019 6th Grade	2015 8th Grade	2017 8th Grade	2019 8th Grade	2017- 2019 8th Grade
Marijuana Use N=	529	928	929		569	936	874	
Ever Used	0.8%	0.5%	1.61%	199.68%	8.8%	4.9%	7.9%	60.64%
Used in Past 12 Months	0.4%	0.4%	1.40%	224.65%	7.9%	4.0%	5.1%	30.25%
Used in Past 30 Days	0.2%	0.3%	0.75%	133.08%	4.4%	2.2%	3.0%	32.59%

Evalumetrics Youth Survey 2019 Wayne County

Evalumetrics Youth Survey 2019	Wayne County	Wayne County	Wayne County	Change	Wayne County	Wayne County	Wayne County	Change
Reported Substance Use	2015	2017	2019	2017-2019	2015	2017	2019	2017-
	6th	6th	6th	6th Grade	8th	8th	8th	2019
Other Drug Use N=	529	928	929		569	936	874	8th
								Grade
Ever Used Other Drug	1.5%	2.3%	2.26%	-0.11%	3.5%	3.4%	2.5%	-26.37%
Used ANY in Past 12 Months	0.6%	1.0%	2.05%	110.88%	2.5%	1.6%	2.3%	42.79%
Cocaine	0.0%	0.1%	1.08%	898.92%	0.7%	0.5%	0.1%	-78.58%
Cough/Cold Medicines	0.4%	1.0%	0.43%	-55.60%	1.9%	1.5%	0.7%	-54.10%
Crack	0.0%	0.0%	1.83%	na	0.4%	0.6%	0.2%	-64.30%
Ecstasy	0.0%	0.1%	0.43%	299.57%	0.5%	0.6%	0.1%	-82.15%
Heroin	0.0%	0.0%	0.43%	na	0.5%	0.5%	0.1%	-78.58%
Inhalants	0.0%	0.0%	0.54%	na	0.5%	0.6%	0.5%	-28.60%
LSD/Psychedelic	0.0%	0.1%	0.43%	299.57%	0.0%	0.7%	0.1%	-84.70%
Methamphetamine	0.0%	0.1%	0.43%	299.57%	0.0%	0.4%	0.1%	-73.23%
Steroids	0.0%	0.0%	0.54%	na	0.4%	0.3%	0.1%	-64.30%
Uppers/Amphetamines	0.0%	0.1%	0.54%	399.46%	0.4%	0.4%	0.1%	-73.23%
Pain killers, such as Vicodin/Oxycontin	0.0%	0.4%	0.43%	-0.11%	0.4%	0.5%	0.2%	-57.16%
Other Prescription	0.0%	0.1%	0.54%	399.46%	0.5%	0.9%	0.1%	-86.61%
Over the counter drugs	0.2%	0.4%	0.32%	-25.08%	1.4%	1.2%	0.2%	-80.53%
Other	0.0%	0.1%	0.54%	399.46%	0.0%	0.9%	0.6%	-33.07%

Evalumetrics Youth Survey 2019 Wayne County

Evalumetrics Youth Survey 2019	Wayne County	Wayne County	Wayne County	Change	Wayne County	Wayne County	Wayne County	Change
Reported Substance Use	2015 6th Grade	2017 6th Grade	2019 6th Grade	2017-2019 6th Grade	2015 8th Grade	2017 8th Grade	2019 8th Grade	2017-2019 8th Grade
Other Drug Use N=	529	928	929		569	928	874	
Used ANY in Past 30 days	0.6%	0.5%	0.86%	59.83%	1.4%	0.5%	0.87%	60.59%
Cocaine	0.0%	0.1%	0.97%	799.03%	0.2%	0.1%	0.49%	358.84%
Cough/Cold Medicines	0.4%	0.4%	0.43%	-0.11%	0.9%	0.4%	0.74%	72.06%
Crack	0.0%	0.0%	0.86%	na	0.2%	0.0%	0.37%	na
Ecstasy	0.0%	0.1%	0.54%	399.46%	0.2%	0.1%	0.37%	244.13%
Heroin	0.0%	0.1%	0.43%	299.57%	0.4%	0.1%	0.37%	244.13%
Inhalants	0.0%	0.0%	0.54%	na	0.4%	0.0%	0.37%	na
LSD/Psychedelic	0.0%	0.1%	0.43%	299.57%	0.0%	0.1%	0.49%	358.84%
Methamphetamine	0.0%	0.1%	0.43%	299.57%	0.0%	0.1%	0.37%	244.13%
Steroids	0.0%	0.0%	0.54%	na	0.2%	0.0%	0.37%	na
Uppers/Amphetamines	0.0%	0.1%	0.65%	499.35%	0.2%	0.1%	0.37%	244.13%
Pain killers such as Vicodin/Oxycontin	0.0%	0.2%	0.43%	99.78%	0.2%	0.2%	0.49%	129.42%
Other Prescription	0.0%	0.1%	0.43%	299.57%	0.2%	0.1%	0.49%	358.84%
Over the counter drugs	0.2%	0.2%	0.43%	99.78%	0.9%	0.2%	0.74%	244.13%
Other	0.0%	0.0%	0.54%	na	0.7%	0.2%	0.74%	244.13%

Evalumetrics Youth Survey 2019 Wayne County

Prevalence of Substance Use Over Time

Evalumetrics Youth Survey 2019	Wayne County	Wayne County	Wayne County	Change 2017-2019	Wayne County	Wayne County	Wayne County	Change 2017-2019
Reported Substance Use	2015 10th Grade	2017 10th Grade	2019 10th Grade	2019 10th Grade	2015 12th Grade	2017 12th Grade	2019 12th Grade	2019 12th Grade
Alcohol Use (except as part of religious ceremony) N=	783	910	809		679	829	779	
Ever Used	44.3%	35.4%	33.75%	-4.63%	59.1%	52.8%	45.44%	-13.99%
Used in Past 12 Months	36.8%	31.8%	27.94%	-12.04%	50.8%	46.9%	40.31%	-14.10%
Used in Past 30 Days	15.3%	13.7%	12.73%	-7.31%	25.2%	26.2%	20.41%	-22.03%
>5 Drinks at Least Once in Past 30 Days	7.5%	5.1%	3.83%	-24.20%	12.8%	13.8%	10.14%	-26.25%

Wayne County

Evalumetrics Youth Survey 2019	Wayne County	Wayne County	Wayne County	Change 2017-2019	Wayne County	Wayne County	Wayne County	Change 2017-2019
Reported Substance Use	2015 10th Grade	2017 10th Grade	2019 10th Grade	2019 10th Grade	2015 12th Grade	2017 12th Grade	2019 12th Grade	2019 12th Grade
Cigarette Use N=	783	910	809		679	829	779	
Ever Used	22.6%	14.9%	10.75%	-28.04%	27.2%	24.0%	15.28%	-36.36%
Used in Past 12 Months	14.0%	6.2%	5.56%	-9.61%	17.5%	11.5%	8.22%	-28.31%
Used in Past 30 Days	7.7%	4.0%	2.60%	-34.38%	10.5%	8.0%	5.01%	-37.12%

Wayne County

Evalumetrics Youth Survey 2019	Wayne County	Wayne County	Wayne County	Change 2017-2019	Wayne County	Wayne County	Wayne County	Change 2017-2019
Reported Substance Use	2015 10th Grade	2017 10th Grade	2019 10th Grade	2019 10th Grade	2015 12th Grade	2017 12th Grade	2019 12th Grade	2019 12th Grade
Marijuana Use N=	783	910	809		679	829	779	
Ever Used	28.2%	19.8%	19.53%	-1.26%	40.5%	36.9%	31.71%	-14.10%
Used in Past 12 Months	24.1%	16.6%	16.93%	2.06%	30.6%	31.2%	27.60%	-11.66%
Used in Past 30 Days	13.9%	10.3%	11.12%	7.70%	17.2%	19.3%	16.56%	-14.20%

Evalumetrics Youth Survey 2019 Wayne County

Evalumetrics Youth Survey 2019	Wayne County	Wayne County	Wayne County	Change 2017-2019	Wayne County	Wayne County	Wayne County	Change 2017-2019
Reported Substance Use	2015 10th Grade	2017 10th Grade	2019 10th Grade	2019 10th Grade	2015 12th Grade	2017 12th Grade	2019 12th Grade	2019 12th Grade
Other Drug Use N=	783	910	809		679	829	779	
Ever Used Other Drug	7.8%	4.9%	4.20%	-15.01%	10.0%	9.3%	6.03%	-35.04%
Used ANY in Past 12 Months	5.1%	2.6%	3.96%	49.98%	7.8%	5.9%	5.65%	-4.44%
Cocaine	2.2%	1.0%	0.62%	-37.51%	3.1%	2.1%	0.90%	-56.18%
Cough/Cold Medicines	3.4%	1.9%	1.36%	-27.22%	5.0%	2.8%	1.28%	-53.73%
Crack	1.4%	0.7%	0.37%	-43.76%	1.9%	1.0%	0.64%	-33.49%
Ecstasy	2.0%	1.1%	0.62%	-43.76%	2.9%	1.9%	0.77%	-60.09%
Heroin	1.4%	0.5%	0.37%	-32.51%	2.1%	1.3%	0.64%	-51.63%
Inhalants	1.9%	1.0%	0.74%	-25.01%	2.7%	1.3%	0.77%	-41.95%
LSD/Psychedelic	0.0%	1.3%	0.74%	-43.76%	0.0%	2.4%	1.41%	-41.47%
Methamphetamine	0.0%	0.7%	0.37%	-43.76%	0.0%	1.1%	0.64%	-40.88%
Steroids	2.7%	0.7%	0.37%	-43.76%	4.0%	1.1%	0.64%	-40.88%
Uppers/Amphetamines	0.9%	0.9%	0.37%	-57.82%	1.8%	1.7%	1.03%	-39.19%
Pain killers such as Vicodin/Oxycontin	1.3%	1.4%	0.87%	-39.43%	2.1%	2.4%	1.54%	-36.15%
Other Prescription	1.7%	1.8%	0.74%	-57.82%	4.0%	2.2%	1.67%	-23.14%
Over the counter drugs	3.3%	0.9%	1.24%	40.61%	5.9%	1.6%	0.90%	-42.70%
Other	0.0%	1.20%	1.11%	-7.29%	0.0%	1.70%	1.03%	-39.59%

Evalumetrics Youth Survey 2019 Wayne County

Evalumetrics Youth Survey 2019	Wayne County	Wayne County	Wayne County	Change 2017- 2019	Wayne County	Wayne County	Wayne County	Change 2017- 2019
Reported Substance Use	2015 10th Grade	2017 10th Grade	2019 10th Grade	2019 10th Grade	2015 12th Grade	2017 12th Grade	2019 12th Grade	2019 12th Grade
Other Drug Use N=	783	910	809		679	829	779	
Used ANY in Past 30 days	4.2%	1.3%	0.87%	-34.38%	4.4%	2.7%	1.80%	-32.28%
Cocaine	1.8%	0.8%	0.49%	-35.72%	1.8%	1.4%	1.03%	-29.05%
Cough. Cold Medicines	2.2%	0.8%	0.74%	-3.58%	2.8%	1.3%	1.03%	-22.60%
Crack	1.1%	0.5%	0.37%	-32.51%	1.6%	1.0%	0.90%	-6.88%
Ecstasy	1.5%	0.7%	0.37%	-43.76%	1.8%	1.3%	0.90%	-32.28%
Heroin	1.0%	0.5%	0.37%	-32.51%	1.5%	1.0%	0.90%	-6.88%
Inhalants	1.4%	0.5%	0.37%	-32.51%	1.6%	0.7%	0.90%	24.15%
LSD/Psychedelic	0.0%	0.8%	0.49%	-35.72%	0.0%	1.2%	1.28%	6.42%
Methamphetamine	0.0%	0.5%	0.37%	-32.51%	0.0%	0.8%	0.90%	6.42%
Steroids	2.0%	0.4%	0.37%	-15.64%	1.9%	0.7%	0.90%	24.15%
Uppers/Amphetamines	0.8%	0.5%	0.37%	-32.51%	1.5%	1.0%	1.16%	19.72%
Pain killers such as Vicodin/Oxycontin	1.1%	0.9%	0.49%	-43.76%	1.5%	1.8%	1.41%	-21.96%
Other Prescription	1.7%	0.8%	0.49%	-35.72%	2.5%	1.3%	1.41%	6.42%
Over the counter drugs	2.4%	0.7%	0.74%	12.48%	3.7%	0.8%	1.03%	21.62%
Other	2.3%	0.50%	0.74%	48.33%	3.5%	1.00%	1.16%	15.53%

Evalumetrics Youth Survey 2019 Wayne County

Comparison of Wayne County to National Survey Monitoring the Future (2018)

Evalumetrics Youth Factor Survey 2019 Reported Substance Use Alcohol Use (except as part of religious ceremony) N=	Wayne County Schools 8th Grade 874	Monitoring the Future National 8th Grade	Wayne County Schools 10th Grade 809	Monitoring the Future National 10th Grade	Wayne County Schools 12th Grade 779	Monitoring the Future National 12th Grade
Ever Used	18.1%	23.5%	33.7%	42.2%	45.4%	58.5%
Used in Past 12 Months	12.7%	18.7%	27.9%	37.7%	40.3%	53.3%
Used in Past 30 Days	4.7%	8.2%	12.7%	19.7%	20.4%	30.2%
>5 Drinks at Least Once in Past 30 Days	1.6%	n/a	3.8%	n/a	10.1%	n/a
Evalumetrics Youth Factor Survey 2019 Reported Substance Use Cigarette Use	Wayne County Schools 8th Grade 874	Monitoring the Future National 8th Grade	Wayne County Schools 10th Grade 809	Monitoring the Future National 10th Grade	Wayne County Schools 12th Grade 779	Monitoring the Future National 12th Grade
Ever Used	3.2%	9.1%	7.7%	16.0%	10.8%	23.8%
Used in Past 12 Months	1.1%	2.2%	3.9%	4.2%	5.6%	7.6%
Used in Past 30 Days	0.6%	2.2%	1.3%	1.8%	2.6%	3.6%
Evalumetrics Youth Factor Survey 2019 Reported Substance Use Marijuana Use	Wayne County Schools 8th Grade 874	Monitoring the Future National 8th Grade	Wayne County Schools 10th Grade 809	Monitoring the Future National 10th Grade	Wayne County Schools 12th Grade 779	Monitoring the Future National 12th Grade
Ever Used	1.6%	13.9%	7.9%	32.6%	19.5%	43.6%
Used in Past 12 Months	1.4%	10.5%	5.1%	27.5%	16.9%	35.6%
Used in Past 30 Days	0.8%	5.6%	3.0%	16.7%	11.1%	22.2%

Evalumetrics Youth Survey 2019

Wayne County

Evalumetrics Youth Factor Survey 2019	Wayne County Schools 8th Grade 874	Monitoring the Future National 8th Grade	Wayne County Schools 10th Grade 809	Monitoring the Future National 10th Grade	Wayne County Schools 12th Grade 779	Monitoring the Future National 12th Grade
Reported Substance Use						
Other Drugs						
Used ANY in Past 12 Months	2.5%	n/a	4.2%	n/a	6.0%	14.3%
Cocaine	2.3%	0.8%	4.0%	2.6%	5.6%	3.9%
Cough Cold Medicines	0.1%	2.8%	0.6%	3.3%	0.9%	3.4%
Crack	0.7%	0.4%	1.4%	0.6%	1.3%	0.9%
Ecstasy	0.2%	n/a	0.4%	n/a	0.6%	n/a
Heroin	0.1%	0.3%	0.6%	0.4%	0.8%	0.8%
Inhalants	0.1%	4.6%	0.4%	2.4%	0.6%	1.6%
LSD/Psychedelic	0.5%	0.9%	0.7%	2.0%	0.8%	3.2%
Methamphetamine	0.1%	0.4%	0.7%	0.4%	1.4%	0.3%
Steroids	0.1%	0.6%	0.4%	0.6%	0.6%	1.1%
Uppers/Amphetamines	0.1%	3.7%	0.4%	5.7%	0.6%	5.5%
Pain killers such as Vicodin/Oxycontin	0.1%	0.8%	0.4%	2.2%	1.0%	2.3%
Other Prescription	0.2%	n/a	0.9%	n/a	1.5%	4.2%
Over the counter drugs	0.1%	n/a	0.7%	n/a	1.7%	n/a
Other	0.6%	n/a	1.1%	n/a	1.0%	n/a

Evalumetrics Youth Survey 2019

Wayne County

Evalumetrics Youth Factor Survey 2019	Wayne County Schools 8th Grade 874	Monitoring the Future National 8th Grade	Wayne County Schools 10th Grade 809	Monitoring the Future National 10th Grade	Wayne County Schools 12th Grade 779	Monitoring the Future National 12th Grade
Reported Substance Use						
Other Drugs						
Used ANY in Past 30 days	0.5%	n/a	0.7%	n/a	1.0%	n/a
Cocaine	0.2%	0.3%	0.4%	6.0%	0.9%	1.1%
Cough Cold Medicines	0.1%	n/a	0.4%	n/a	0.9%	n/a
Crack	0.1%	0.2%	0.4%	n/a	0.9%	n/a
Ecstasy	0.5%	n/a	0.4%	n/a	0.9%	n/a
Heroin	0.1%	0.1%	0.5%	n/a	1.3%	n/a
Inhalants	0.2%	1.8%	0.4%	1.0%	0.9%	0.7%
LSD/Psychedelic	0.2%	0.4%	0.4%	0.5%	0.9%	1.0%
Methamphetamine	0.1%	0.1%	0.4%	0.1%	1.2%	0.3%
Steroids	0.1%	0.3%	0.5%	0.4%	1.4%	0.8%
Uppers/Amphetamines	0.1%	1.8%	0.5%	2.4%	1.4%	2.4%
Pain killers such as Vicodin/Oxycontin	0.5%	n/a	0.7%	n/a	1.0%	n/a
Other Prescription	0.7%	n/a	0.6%	n/a	1.4%	4.2%
Over the counter drugs	0.6%	n/a	0.7%	n/a	1.2%	n/a
Other	0.0%	n/a	0.0%	n/a	0.0%	n/a

Evalumetrics Youth Survey 2019 Wayne County

Appendix A

METHOD

The survey instrument was a self-report web-based form completed by students in a classroom setting. The sample for the survey was all 6th, 8th, 10th, and 12th grade students in Wayne County Schools. Each Risk and Protective Factor is represented by one or more scale consisting of one or more item from the survey. Appendix B provides a data dictionary with the definition of each scale. Each student was given a score for each of the scales. Separate analyses were conducted for middle school (grades 6 & 8) and high school (grade 10 & 12). Based on the distribution of scores for over 20,000 students in a 2001 survey in the five-county Finger Lakes region, standard scores (z-scores) were calculated by subtracting the mean score from each individual's score and dividing by the standard deviation.

Students with a standard score of 1 or greater on any risk factor were considered to be at-risk. A standard score of -1 or less on any protective factor was considered a lack of protection and therefore at-risk.

In addition to measuring risk and protective factors, the survey measures self-reported use of alcohol, tobacco, marijuana, and other substances (prevalence). It also asked about students' behaviors related to bullying, depression, and self-injury.

Evalumetrics Youth Survey 2019 Wayne County

SAMPLE

Each school was asked to arrange for distribution and completion of the surveys on a day and in a class-period of their choice. School staff supervised all surveys. In all cases, the survey is voluntary. Parents were notified about the survey and were given the option of having their child opt out of the survey without prejudice. Students were instructed not to put their name or any identifying information on the survey form.

Grade	County	Clyde	Gananda	Lyons	Marion	Newark	NRW	Pal-Mac	Red Creek	Sodus	Wayne	Williamson
6th	929	44	44	84	45	148	70	137	54	60	179	64
8th	874	51	67	53	46	121	87	114	52	57	161	65
10th	809	43	58	50	41	101	82	119	44	57	138	76
12th	779	20	65	41	53	125	55	103	36	62	141	78
Total	3391	158	234	228	185	495	294	473	186	236	619	283

Evalumetrics Youth Survey 2019 Wayne County

Appendix B

Risk and Protective Factor Survey Factor (Scale) Definitions

COMMUNITY: Low Neighborhood Attachment (R1)

I like my neighborhood.

If I had to move, I would miss the neighborhood I now live in.

COMMUNITY: Community Disorganization (R2)

How much do each of the following statements describe your neighborhood:

crime and/or drug selling.

fight.

lots of empty or abandoned buildings.

lots of graffiti.

COMMUNITY: Personal Transitions and Mobility (R3)

Have you changed homes in the past year?

How many times have you changed homes since kindergarten?

Have you changed schools in the past year?

How many times have you changed schools since kindergarten?

COMMUNITY: Laws and Norms Favorable to Drug Use (R4)

How wrong would most adults in your neighborhood think it was for kids your age:

to use marijuana.

to drink alcohol.

to smoke cigarettes.

If a kid drank some beer, wine or hard liquor (for example, vodka, whiskey, or gin) in your neighborhood would he or she be caught by the police?

If a kid smoked marijuana in your neighborhood would he or she be caught by the police?

If a kid carried a handgun in your neighborhood would he or she be caught by the police?

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Wayne County

COMMUNITY: Perceived Availability of Drugs & Handguns (R5)

If you wanted to get some beer, wine or hard liquor (for example, vodka, whiskey, or gin), how easy would it be for you to get some?

If you wanted to get some cigarettes, how easy would it be for you to get some?

If you wanted to get some marijuana, how easy would it be for you to get some?

If you wanted to get a drug like cocaine, LSD, or amphetamines, how easy would it be for you to get some?

If you wanted to get a handgun, how easy would it be for you to get one?

COMMUNITY: Opportunities for Prosocial Involvement (P1)

In my community there are enough recreational activities for kids my age.

In my community there are enough recreational activities such as sports, clubs, or fun events, that I can do if I want.

In my community there are recreational activities that I would like to do but I can't.

On average since the beginning of this school year, how many days each week did you participate in extra-curricular activity including: sports, music, clubs or after-school programs?

COMMUNITY: Rewards for Prosocial Involvement (P2)

My neighbors notice when I am doing a good job and let me know.

There are people in my neighborhood who encourage me to do my best.

There are people in my neighborhood who are proud of me when I do something well.

FAMILY: Lack of Supervision and Rules (R6)

My parents or the adults I live with ask if I've gotten my homework done.

My parents or the adults I live with want me to call if I'm going to be late getting home.

Would your parents or the adults you live with know if you did not come home on time?

When I am not at home, one of my parents or the adults I live with knows where I am and who I am with.

The rules in my family are clear.

My family has clear rules about alcohol and drug use.

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Wayne County

FAMILY: Poor Discipline (R7)

If you drank some beer or wine or liquor (for example, vodka, whiskey, or gin) without your parents' permission, would you be caught by your parents or the adults you live with?

If you skipped school would you be caught by your parents or the adults you live with?

If you carried a handgun without your parents' permission, would you be caught by your parents or the adults you live with?

FAMILY: Family Conflict (R8)

People in my family often insult or yell at each other.

People in my family have serious arguments.

We argue about the same things in my family over and over.

FAMILY: Family History of Antisocial Behavior (R9)

Has anyone in your family ever had a severe alcohol or drug problem?

Have any of your brothers or sisters ever:

drunk beer, wine, or hard liquor (for example, vodka, whiskey, or gin)?

smoked marijuana?

smoked cigarettes?

taken a handgun to school?

been suspended or expelled from school?

About how many adults have you known personally who in the past year have:

used marijuana, crack, cocaine, or other drugs?

sold or dealt drugs?

done other things that could get them in trouble with the police like stealing, selling stolen goods, mugging or assaulting others, etc)

gotten drunk or high?

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Wayne County

FAMILY: Parental Attitudes Favorable Toward Drug Use (R10)

How wrong do your parents feel it would be for you to:

drink beer, wine, or hard liquor (for example, vodka, whiskey, or gin) regularly?

smoke cigarettes?

smoke marijuana?

FAMILY: Parental Attitudes Favorable to Antisocial Behavior (R11)

How wrong do your parents feel it would be for you to:

steal anything worth more than \$5?

draw graffiti, or write things or draw pictures on buildings or other property (without the owner's permission)?

pick a fight with someone?

FAMILY: Attachment (P3)

Do you feel very close to the adults in your family (mother/father/step parent etc.)?

Do you share your thoughts and feelings adults in your family (mother/father/step parent etc.)?

FAMILY: Opportunities for Prosocial Involvement (P4)

My parents give me lots of chances to do fun things with them.

My parents ask me what I think before most family decisions affecting me are made.

If I had a personal problem, I could ask my mom or dad for help.

FAMILY: Rewards for Prosocial Involvement (P5)

My parents or the adults I live with notice when I am doing a good job and let me know about it.

How often do your parents or the adults you live with tell you they're proud of you for something you've done?

Do you enjoy spending time with adults in your family (mother/father/step parent etc.)?

Evalumetrics Youth Survey 2019

Wayne County

SCHOOL: Little Commitment to School (R13)

How often do you feel that the school work you are assigned is meaningful and important? (#55)

How interesting are most of your courses to you? (#56)

How important do you think the things you are learning in school are going to be for your later life? (#57)

Now, thinking back over the past year in school, how often did you...

Enjoy being in school? (#58a)

Hate being in school? (#58b)

Try to do your best work in school? (#58c)

During the LAST FOUR WEEKS how many whole days have you missed...

because of illness (#59a)

because you skipped or “cut” (#59b)

for other reasons (#59c)

SCHOOL: Opportunities for Prosocial Involvement (P6)

In my school, students have lots of chances to help decide things like class activities and rules. (#60)

There are lots of chances for students in my school to talk with a teacher one-on-one. (#61)

Teachers ask me to work on special classroom projects. (#62)

There are lots of chances for students in my school to get involved in sports, clubs, and other school activities outside of class. (#63)

I have lots of chances to be part of class discussions or activities. (#64)

SCHOOL: Rewards for Prosocial Involvement (P7)

My teacher(s) notices when I am doing a good job and lets me know about it. (#65)

The school lets my parents know when I have done something well. (#66)

I feel safe at my school. (#67)

My teachers praise me when I work hard in school. (#68)

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Wayne County

PEER-INDIVIDUAL: Rebelliousness (R14)

I do the opposite of what people tell me, just to get them mad.

I ignore rules that get in my way.

I like to see how much I can get away with.

PEER-INDIVIDUAL: Impulsiveness (R16)

It is important to think before you act.

Do you have to have everything right away?

I often do things without thinking about what will happen.

Do you often switch from activity to activity rather than sticking to one thing at a time?

PEER-INDIVIDUAL: Antisocial Behavior (R17)

How many times in the past year (12 months) have you:

been suspended from school?

carried a handgun?

sold illegal drugs?

stolen or tried to steal a motor vehicle such as a car or motorcycle?

been arrested?

attacked someone with the idea
of seriously hurting them?

been drunk or high at school?

taken a handgun to school?

PEER-INDIVIDUAL: Favorable Attitudes Toward Antisocial Behavior (R18)

How wrong do you think it is for someone your age to:

take a handgun to school?

steal anything worth more than \$5?

pick a fight with someone?

attack someone with the idea of seriously hurting them?

stay away from school all day when their parents think they are at school?

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Wayne County

PEER-INDIVIDUAL: Favorable Attitudes Toward Drug Use (R19)

How wrong do you think it is for someone your age to:

drink beer, wine, or hard liquor (for example, vodka, whiskey, or gin) regularly?

smoke cigarettes?

smoke marijuana?

use LSD, cocaine, amphetamines, or another illegal drug?

PEER-INDIVIDUAL: Perceived Risks of Drug Use (P8)

How much do you think people risk harming themselves (physically or in other ways) if they:

Smoke one or more packs of cigarettes per day?

Try marijuana once or twice?

Smoke marijuana regularly?

Take one or two drinks of an alcoholic beverage (beer, wine, liquor) nearly every day?

PEER-INDIVIDUAL: Interaction with Antisocial Peers (R20)

Think of your four best friends (the friends you feel closest to). In the past year (12 months), how many of your best friends have:

been suspended from school?

carried a handgun?

sold illegal drugs?

stolen or tried to steal a motor vehicle such as a car or motorcycle?

been arrested?

dropped out of school?

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Wayne County

PEER-INDIVIDUAL: Friends' Use of Drugs (R21)

Think of your four best friends (the friends you feel closest to). In the past year (12 months), how many of your best friends have:

smoked cigarettes?

tried beer, wine or hard liquor (for example, vodka, whiskey, or gin) when their parents didn't know about it?

used marijuana?

used LSD, cocaine, amphetamines, or other illegal drugs?

PEER-INDIVIDUAL: Sensation Seeking (R22)

How many times have you done the following things?

Done what feels good no matter what.

Done something dangerous because someone dared you to do it.

Done crazy things even if they are a little dangerous.

PEER-INDIVIDUAL: Rewards for Antisocial Involvement (R23)

What are the chances you would be seen as cool if you:

smoked cigarettes?

began drinking alcoholic beverages regularly, that is, at least once or twice a month?

smoked marijuana?

carried a handgun?

PEER-INDIVIDUAL: Social Skills (P10)

You're looking at CDs in a music store with a friend. You look up and see her slip a CD under her coat. She smiles and says "Which one do you want? Go ahead, take it while nobody's around." There is nobody in sight, no employees and no other customers. What would you do now?

Ignore her

Grab a CD and leave the store

Tell her to put the CD back

Act like it's a joke, and ask her to put the CD back

Evalumetrics Youth Survey 2019

Wayne County

It's 8:00 on a weeknight and you are about to go over to a friend's home when your mother asks you where you are going. You say "Oh, just going to go hang out with some friends." She says, "No, you'll just get into trouble if you go out. Stay home tonight." What would you do now?

Leave the house anyway

Explain what you are going to do with your friends, tell her when you'd get home, and ask if you can go out

Not say anything and start watching TV

Get into an argument with her

You are visiting another part of town, and you don't know any of the people your age there. You are walking down the street, and some teenager you don't know is walking toward you. He is about your size, and as he is about to pass you, he deliberately bumps into you and you almost lose your balance. What would you say or do?

Push the person back

Say "Excuse me" and keep on walking

Say "Watch where you're going" and keep on walking

Swear at the person and walk away

You are at a party at someone's house, and one of your friends offers you a drink containing alcohol. What would you say or do?

Drink it

Tell your friend "No thanks, I don't drink" and suggest that you and your friend go and do something else

Just say "No, thanks" and walk away

Make up a good excuse, tell your friend you had something else to do, and leave

PEER-INDIVIDUAL: Belief in the Moral Order (P11)

I think it is okay to take something without asking if you can get away with it.

I think sometimes it's okay to cheat at school.

It is all right to beat up people if they start the fight.

It is important to be honest with your parents, even if they become upset or you get punished.