

2017



Ottawa County
YAS
Youth Assessment Survey

YAS

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YAS

Acknowledgments

Thank You

A special thank you to the school district superintendents, school principals, administrators, teachers, parents and students for participating in the 2017 Ottawa County Youth Assessment Survey (YAS). Planning and implementation of this study were coordinated by the YAS Committee, whose time and efforts were invaluable in making this project possible.

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Analysis

The data analysis and report were provided by Epidemiologist Marcia Mansaray, M.Sc. with the Ottawa County Department of Public Health and Associate Analyst Taylor Payne with Grand Valley State University. Data were collected from October through mid-November 2017 and published May 2018.

YAS Committee

- Leigh Moerdyke, Arbor Circle
- Liz DeLaLuz, Greater Ottawa County United Way
- Marcia Mansaray, Ottawa County Department of Public Health
- Sandra Boven, Ottawa County Department of Public Health
- Stacey Sills, Ottawa Area Intermediate School District
- Stephanie VanDerKooi, Lakeshore Regional Entity



YAS

Introduction

What is the YAS?

- A locally developed teen survey since 2005.
- Conducted every two years at grades 8, 10 and 12 in participating Ottawa County schools.
- Monitors how behaviors increase, decrease or stay the same over time.
- Measures how many teens are engaged in a variety of risky and beneficial behaviors affecting their health and well-being.

What is in the YAS report?

- Questions about:
 - Family and community experiences.
 - Sexting and sexual behaviors.
 - Depression and suicide.
 - Bullying, safety and violence.
 - Alcohol, tobacco and drug use.
 - Body image, nutrition and physical activity.
- What issue areas affect males and females differently.
- Ages when teens may engage in risky behaviors for the first time.
- New questions in 2017:
 - Drove a vehicle after using marijuana.
 - Trafficked for work or sex.
 - Slept how many hours a night.
 - Drank an energy drink one or more times in a week.
 - Went hungry because there was not enough food.
 - Had a revealing photo shared without permission.
 - Used the internet or apps while driving.
 - Perceived risk with using electronic vapor products.

How did the YAS get its start?

- Prior to 2005, there wasn't a consistent or reliable way to find out about the needs and strengths of teens within the county.
- Several organizations recognized this gap and worked together to review existing surveys already considered valid and reliable.
- From that review, a survey tool was developed specifically for Ottawa County that could also be responsive to future needs of local teens.

Why is the YAS important?

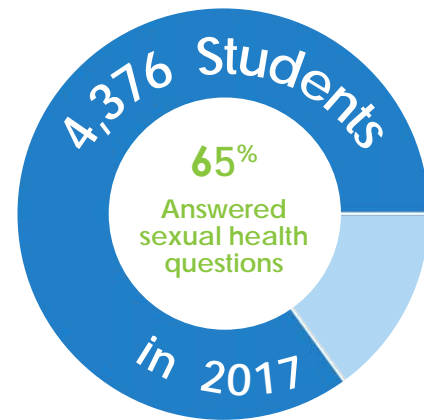
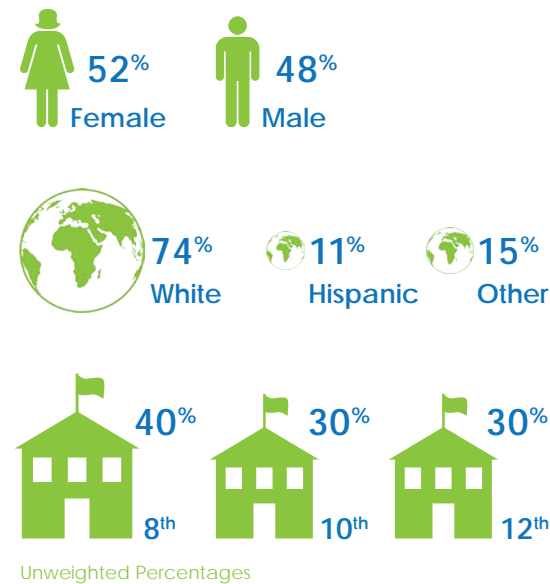
- Provides evidence-based information about what the biggest needs are (and aren't) among Ottawa County teens.
- Gives parents information they may use to guide their teens in becoming physically, emotionally and mentally healthy adults.
- Helps faith communities, local agencies and schools focus their efforts on the most pressing and prevalent issues teens face.
- Helps evaluate the effectiveness of interventions developed to address pressing and prevalent teen issues.
- Provides the option for school districts to have their own results to compare with Ottawa County as a whole. Schools and parents may then make evidence-based decisions about how to address their student body's unique needs.
- Organizations and community members may request an additional analysis that is suited to fit their needs.

YAS

Participants

Actual Representation

The proportion of student respondents may vary from the true proportion of 8th, 10th and 12th graders for any given school. As a result, using accepted statistical procedures, each student's data were assigned a post-stratification weight to improve how well the results actually represented student responses from participating schools. This is done by comparing the actual number of respondents in 8th, 10th and 12th grades per school to the reported headcount for grade levels per school. In the tables to the right, observe how the numbers in the Percent column differ from the Weighted Percent column.



Demographics of Survey Participants

	N	%	Weighted %
Total	4376	100%	100%
Gender			
Female	2269	52%	52.6%
Male	2092	48%	47.4%
Grade Level			
8th grade	1740	39.8%	31.8%
10th grade	1339	30.6%	36%
12th grade	1297	29.6%	32.2%
Race/Ethnicity			
White	3230	74.1%	72.4%
Hispanic	480	11%	12%
Other	651	14.9%	15.6%

11 school systems participated

Participants for Sexual Health Questions

	N	%	Weighted %
Total	3736	100%	100%
Gender			
Female	1930	51.7%	49.7%
Male	1792	47.9%	50.1%
Grade Level			
8th grade	1740	46.6%	33.1%
10th grade	1339	35.8%	35.3%
12th grade	657	17.6%	31.6%
Race/Ethnicity			
White	2742	73.4%	66.9%
Hispanic	407	10.9%	15.6%
Other	574	15.4%	17.2%

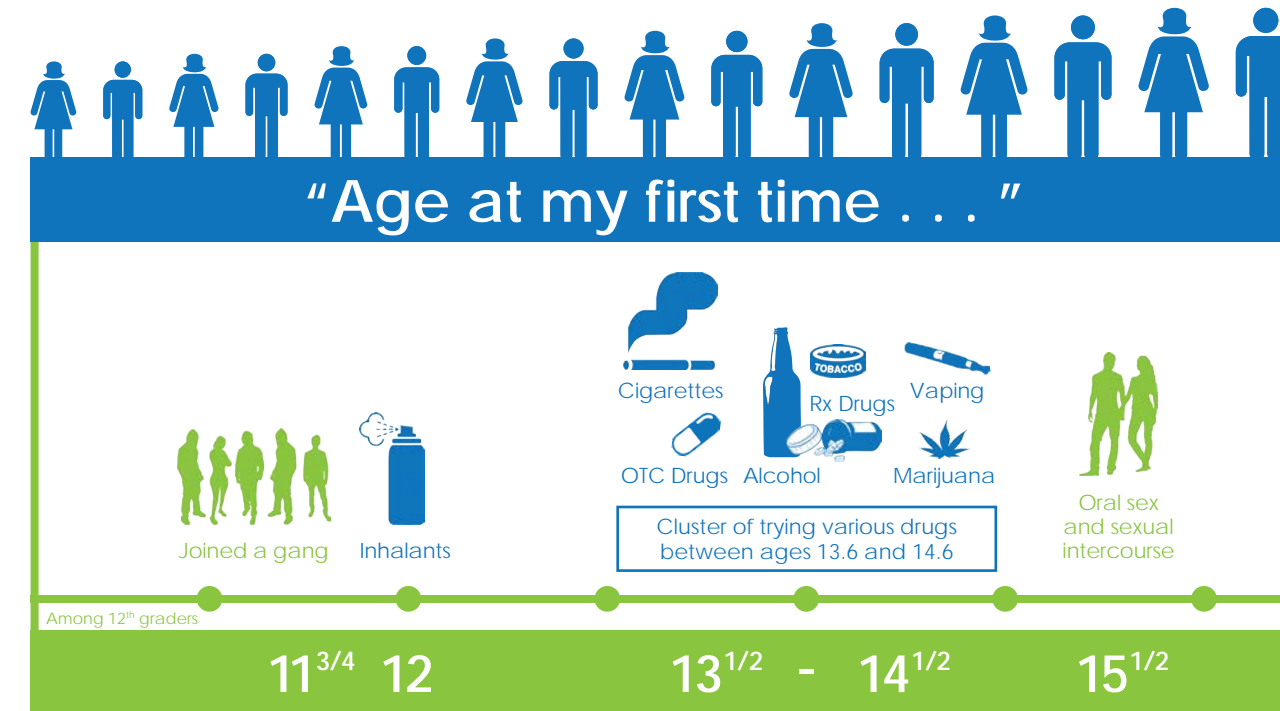
8 school systems participated

YAS

Average Age of Onset

Methodology

The responses of 12th-grade students were analyzed to estimate the average age when they first tried one of the behaviors listed in the table below. For each of these behaviors, the responses were assigned a value and the mean was calculated to give an estimate of the average age at which a student may try a behavior by the time they reached their last year of high school.



Green graphics = Age for first time got older or didn't change, which is **good**.
Blue graphics = Age of first use got younger, which is **not good**.

73% of 12th graders **NEVER** tried any of these drugs

73% of these behaviors have **younger** onsets compared to 2015

Interpreting the Results

Data Presentation

Survey questions are organized into issue areas and the number of students who responded to each question is shown in the Total N column. The Total N column for any particular question may be smaller than the 4,376 students who completed the survey.

Reasons Total N column may be smaller than 4,376

- 1) Students were told they may leave the questions they did not want to answer blank.
- 2) Some questions were not shown to a student because of their answer to a previous question (skip logic).
- 3) Some responses may have been removed during data cleaning if the selected response was inconsistent with other responses provided by a student.
- 4) Not all schools included the 12 sexual health questions in their survey.

To the right of the Total N column are four different categories of columns where the number and percentage of those who reported the behavior are presented.

Four Categories

- 1) Total Responses
Starting with 2017 and going back to 2009.
- 2) 2017 by Gender
- 3) 2017 by Grade Level
- 4) 2017 by Race/Ethnicity

The 2007 and 2005 data were not included due to space constraints, but can be found in earlier reports at www.miOttawa.org/HealthData.

Issue Area	Total N	Total Responses					2017 by Gender		2017 by Grade Level			2017 by Race/Ethnicity		
		N	2017	2015	2013	2011	2009	F	M	8th	10th	12th	White	Hispanic
I have ridden in a vehicle driven by someone who had been drinking alcohol during the past 30 days	4353	14.5% (634)	14.6% (720)	16.6% (774)	18.7% (647)	18.2% (403)	15.6% (358)	13.1% (273)	14.3% (249)	15.5% (210)	13.5% (175)	13.6% (449)	16.1% (76)	17% (106)
I have driven a vehicle after drinking alcohol during the past 30 days (among those who drive)	2364	3.2% (75)	4.4% (75)	6.9% (108)	9.5% (136)	10.5% (129)	2.9% (33)	3.6% (42)	*n/a	2.7% (21)	4.5% (51)	2.5% (47)	4.8% (11)	6.2% (17)

Data Cells

In each of the data cells (Figure 1), the top number is the weighted percentage of students reporting the behavior and the bottom number is the count of students who answered yes to the corresponding question. If the question has not been asked before 2017, n/a is reported. The results given for the Gender, Grade Level and Race/Ethnicity categories show only 2017 data. Each data cell contains the results that correspond to those who reported the question out of the total respondents within each subgroup of the category. In order to protect identity and statistical validity, subgroup responses were suppressed with *n/a if less than five respondents answered yes to that question.

Example in Figure 2

In 2017, 15.6% of females (358 of all female respondents) versus 13.1% of males (273 of all male respondents) reported they rode in a vehicle driven by someone who had been drinking alcohol during the past 30 days.



Safety	Total N	Total Responses					2017 by Gender	
		2017	2015	2013	2011	2009	F	M
I have ridden in a vehicle driven by someone who had been drinking alcohol during the past 30 days	4353	14.5% (634)	14.6%	16.6%	18.7%	18.2%	15.6%	13.1%
I have driven a vehicle after drinking alcohol during the past 30 days (among those who drive)	2364	3.2% (75)	4.4%	6.9%	9.5%	10.5%	2.9%	3.6%

Figure 1

Weighted Percent
Count of Students

2017	Total Responses					2017 by Gender		2017 by Grade Level			2017 by Race/Ethnicity
	2015	2013	2011	2009	F	M	8th	10th	12th		
14.5% (634)	14.6% (720)	16.6% (774)	18.7% (647)	18.2% (403)	15.6% (358)	13.1% (273)	14.3% (249)	15.5% (210)	13.5% (175)	13.6% (449)	
3.2% (75)	4.4% (75)	6.9% (108)	9.5% (136)	10.5% (129)	2.9% (33)	3.6% (42)	*n/a	2.7% (21)	4.5% (51)	6.2% (17)	

Figure 2

15.6% or 358 Female Respondents
13.1% or 273 Male Respondents

"It's too easy to look at numbers and charts and forget they represent people, in this case, our youth. Each percentage is made up of **actual students** in Ottawa County schools who have faces, families and friends." - Epidemiologist Marcia Mansaray, Ottawa County Department of Public Health

YAS

Margin of Error

Overall Percentage

When using the 2017 YAS results, it is important to take the margin of error into account (Figure 1). For example, 69.8% of Ottawa County 8th, 10th and 12th graders sampled are a healthy weight. Using the margin of error of $\pm 1.5\%$, it can be concluded that the actual percent of Ottawa County 8th, 10th, and 12th graders who are a healthy weight is most likely between 68.3% and 71.3%.

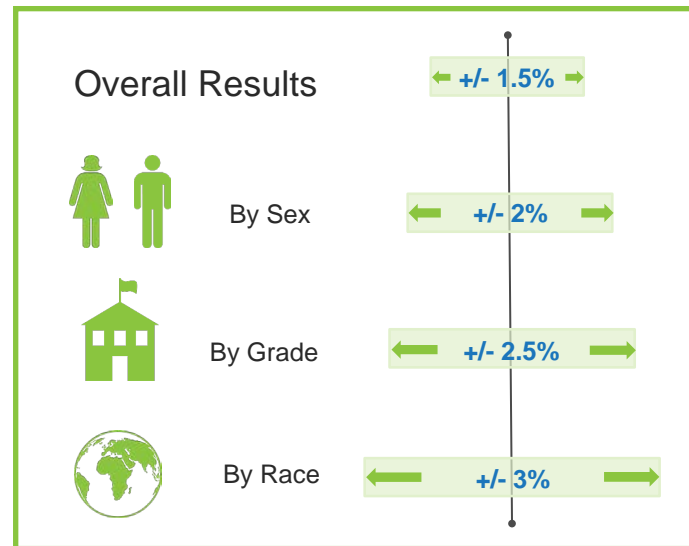


Figure 1

Comparing Group Percentages

The margin of error can also be used when comparing groups. The 2017 YAS reports 20% of females and 20.2% of males used an electronic vapor product in the past 30 days. One should not assume the prevalence of use is higher for males than females. When considering the $\pm 2\%$ gender margin of error, it can be concluded the prevalence for females is likely between 18% and 22% and the prevalence for males is likely between 18.2% and 22.2%. Because these intervals overlap one should NOT conclude the prevalence is higher for males than females. It is more accurate to conclude the prevalence of using an electronic vapor product in the past 30 days is approximately equal for males and females. When comparing two or more groups, if the intervals found by adding and subtracting the margin of error do not overlap, one MAY conclude the prevalence is higher for one group than the other.

95% Confidence Level

The level which states that a result is expected to fall within the margin of error 19 times out of 20 if the survey is repeated using the same procedures. These margins of error were found using the conservative formula $\frac{1}{\sqrt{n}}$ where n is the number of respondents. Because a smaller number of students responded to the sexual behavior questions, the margins of error are slightly larger when interpreting those responses.

YAS

Results Tables

Linear Trend Analyses

In the Results Tables, some question descriptions are highlighted with a symbol. Stars indicate new questions for 2017. Green arrows, red arrows or gray arrows are used to indicate whether there is a linear trend over time. Linear trend analysis was conducted on all questions with three or more years of YAS data. To determine the symbol selection, linear trend analyses were done using logistic regression and were controlled for gender, grade in school and race/ethnicity. If the p-value for the linear time variable is less than the significance level (0.05), then there is evidence of a linear change. If the estimated coefficient for the time variable is positive, then there is evidence of a linear increase. Similarly, if the coefficient is negative, then there is evidence of a linear decrease. This was done in accordance with the CDC's guidelines for conducting linear trend analysis.

Results Table Symbols

- ★ New to YAS in 2017
- Statistically Significant Linear Trends:
- ↗ Increasing & Moving in the Right Direction
- ↘ Decreasing & Moving in the Right Direction
- ↖ Increasing & Moving in the Wrong Direction
- ↙ Decreasing & Moving in the Wrong Direction
- ↕ Increasing or Decreasing but cannot be said to be Moving in the Right or Wrong Direction

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26	Electronic Vapor Product Use
28	Alcohol Use
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40	Sexting
42	Sexual Behavior

64% of 12th graders report texting or using the internet, apps or email while driving.

	Total N	Total Responses					2017 by Gender		2017 by Grade Level			2017 by Race/Ethnicity		
		2017	2015	2013	2011	2009	F	M	8th	10th	12th	White	Hispanic	Other
↓ I rode in a vehicle driven by someone who had been drinking alcohol during the past 30 days	4353	14.5% (634)	14.6% (720)	16.6% (774)	18.7% (647)	18.2% (403)	15.6% (358)	13.1% (273)	14.3% (249)	15.5% (210)	13.5% (175)	13.6% (449)	16.1% (76)	17% (106)
↓ I drove a vehicle after drinking alcohol during the past 30 days (among those who drive)	2246	3.1% (69)	4.4% (75)	6.9% (108)	9.5% (136)	10.5% (129)	2.9% (31)	3.4% (38)	*n/a	2.3% (17)	4.5% (50)	2.5% (45)	4.4% (9)	6.2% (15)
★ I drove a vehicle after smoking marijuana during the past 30 days (among those who drive)	2241	7.1% (139)	n/a	n/a	n/a	n/a	5.8% (64)	7.2% (75)	1.3% (5)	3.2% (26)	10.6% (108)	4.9% (88)	12.2% (24)	11.5% (27)
I texted or e-mailed while driving in the past 30 days (among those who drive)	2256	32.2% (714)	39.5% (701)	39.9% (673)	n/a	n/a	32.9% (382)	31.4% (332)	6.3% (26)	13.4% (106)	55.2% (582)	32.6% (574)	26.4% (53)	33.3% (83)
★ I used internet or apps while driving in the past 30 days (among those who drive)	2255	32.6% (715)	n/a	n/a	n/a	n/a	32.8% (379)	32.4% (335)	11.6% (49)	18.2% (135)	50.6% (531)	32.2% (560)	32.1% (64)	35.3% (88)
↑ I did not go to school on one more days in the past 30 days because of concerns about safety at school or on the way to or from school	4339	6.1% (253)	4.5% (237)	4.8% (240)	3.4% (130)	3.2% (74)	8.6% (185)	3.3% (67)	5.5% (91)	7.1% (94)	5.5% (68)	5% (153)	9% (43)	8.6% (56)
↑ I feel safe in my neighborhood	4304	93.4% (4045)	94.3% (4524)	92.5% (4358)	92% (3234)	93.4% (2109)	93.7% (2110)	93.1% (1922)	94.3% (1603)	93.1% (1234)	93% (1208)	94.7% (3031)	90% (424)	90.1% (579)
<i>The following statements describe my neighborhood:</i>														
↓ Crime and/or drug selling	4300	12.2% (498)	10.6% (492)	13.6% (618)	14.9% (470)	12.3% (273)	11.2% (248)	13.4% (250)	8.8% (146)	13.4% (175)	14.3% (177)	10.4% (313)	16.9% (80)	17.2% (103)
↓ Fights	4292	9.7% (405)	7.8% (394)	11.2% (532)	11.8% (389)	11.6% (251)	8.2% (183)	11.4% (219)	10.3% (171)	9.9% (128)	9% (106)	8% (246)	13.3% (65)	15.1% (92)
↓ Lots of empty or abandoned buildings	4288	3.2% (129)	3.9% (162)	4.1% (192)	6.2% (194)	5.1% (120)	2.9% (57)	3.6% (72)	2.5% (42)	3.6% (45)	3.5% (42)	2.6% (75)	4.5% (24)	5.2% (29)
↓ Lots of graffiti	4286	3.2% (134)	3.2% (144)	4.6% (210)	5.5% (173)	4% (87)	2.6% (57)	3.9% (77)	3.1% (51)	3.1% (44)	3.5% (39)	2.2% (70)	5.3% (26)	6.4% (38)




1 in 4 Females have been bullied or harassed in the past 12 months.


Bullying

	Total N	Total Responses					2017 by Gender		2017 by Grade Level			2017 by Race/Ethnicity		
		2017	2015	2013	2011	2009	F	M	8th	10th	12th	White	Hispanic	Other
I have been bullied or harassed in the past 12 months	4365	22.3% (985)	21.2% (1101)	22.5% (1082)	21.8% (774)	n/a	25.8% (599)	18.2% (381)	24.5% (427)	23.1% (321)	19.1% (237)	22.6% (736)	19.6% (97)	22.6% (149)
<i>Been bullied or harassed during the past 12 months:</i>														
On school property	4360	17.8% (799)	16.7% (871)	17.8% (862)	16.8% (585)	n/a	20% (472)	15.3% (325)	20.7% (361)	18.7% (264)	13.9% (174)	18% (592)	16.1% (83)	18.3% (123)
↑ On the way to or from school	4355	5.7% (255)	4.9% (274)	5.5% (273)	3.3% (117)	n/a	6.5% (153)	4.6% (99)	6.9% (119)	6.4% (90)	3.6% (46)	5.6% (184)	4% (21)	7.2% (49)
Electronically through e-mail, chat rooms, instant messaging, websites, texting, Facebook, Twitter, etc.	4357	11.9% (518)	10.3% (523)	11.3% (530)	n/a	n/a	16% (364)	7.3% (152)	11.3% (196)	13.5% (187)	10.6% (135)	12.2% (391)	10% (48)	11.8% (77)
I have been bullied or harassed in my neighborhood in the past 12 months	4357	2.8% (125)	2.8% (147)	n/a	n/a	n/a	3.3% (80)	2.2% (44)	3.3% (57)	3% (39)	2.2% (29)	2.7% (87)	2% (10)	4.1% (28)
Somewhere else	4356	11.2% (501)	9.3% (466)	n/a	n/a	n/a	13% (306)	9.2% (194)	13.1% (228)	11.7% (165)	8.8% (108)	11.2% (366)	8.9% (46)	13.2% (88)

YAS Violence-Related Behaviors



"The YAS is perhaps the most comprehensive tool we have that helps our educational institutions, nonprofits and other community-based organizations address some of the greatest challenges our schools and young people face. As a community that cares deeply about its youth and wants to see them succeed, the YAS allows us to more accurately target the real issues facing youth and not relying solely on a few perspectives or interpretations."
 - Executive Director Patrick Cisler, Community SPOKE and Lakeshore Nonprofit Alliance

	Total	Total Responses					2017 by Gender		2017 by Grade Level			2017 by Race/Ethnicity		
	N	2017	2015	2013	2011	2009	F	M	8th	10th	12th	White	Hispanic	Other
 I have belonged to an organized gang	4357	3.8% (167)	3.3% (146)	3.5% (168)	4.3% (158)	5.4% (135)	2.6% (62)	5.2% (104)	4.8% (82)	3.3% (41)	3.5% (44)	2.7% (92)	5.1% (26)	8.2% (49)
I joined an organized gang for the first time before I turned 13 years old (among those who ever belonged to a gang)	167	57.6% (101)	63.6% (89)	54.2% (97)	60.9% (101)	61.4% (73)	68.4% (45)	52% (56)	69.3% (57)	55.5% (22)	43.9% (22)	53.1% (54)	67.7% (17)	59.6% (30)
 I have had sexual intercourse when I really did not want to	4374	4% (164)	3.8% (159)	3.7% (151)	5.4% (169)	5.4% (125)	5.3% (116)	2.5% (47)	1.1% (19)	3.9% (58)	6.8% (87)	3.7% (111)	3.7% (17)	5.1% (34)
<i>Among those that had sexual intercourse when you really did not want to:</i>														
 I was physically forced	162	27% (43)	33.1% (42)	25.2% (41)	25.9% (43)	8.8% (13)	28.3% (33)	24% (10)	31.8% (6)	28.7% (16)	25.1% (21)	19.7% (23)	*n/a	49.6% (16)
I was threatened	161	17.9% (28)	18.4% (27)	15.1% (25)	n/a	n/a	19.2% (21)	14.7% (7)	*n/a	12.2% (8)	22.1% (17)	17.4% (17)	*n/a	30.1% (11)
I was made to feel guilty	161	56.5% (91)	56.3% (84)	59.1% (87)	n/a	n/a	63.1% (73)	40.6% (18)	41.7% (8)	55.9% (33)	59.4% (50)	58.9% (64)	46.1% (7)	55.4% (20)
I was under the influence of alcohol or drugs	162	33.3% (53)	45% (69)	44.4% (59)	43.4% (68)	34.2% (43)	38.6% (44)	20.9% (9)	25% (5)	29.7% (16)	37.2% (32)	30.8% (35)	*n/a	46.4% (15)
I felt like I had to in order to fit in with my friends	161	16% (26)	19.9% (34)	n/a	n/a	n/a	16.9% (18)	13.8% (8)	*n/a	23.8% (15)	11.2% (8)	*n/a	*n/a	*n/a
I felt uncomfortable saying no	162	47.5% (74)	50.9% (78)	n/a	n/a	n/a	52.7% (57)	35.2% (17)	*n/a	52.4% (31)	48.5% (39)	44.8% (47)	56.3% (9)	50% (17)
I did it because some other reason	162	48.8% (78)	50.2% (81)	48.3% (73)	58.2% (101)	n/a	50.8% (56)	44% (22)	32.7% (6)	42.8% (25)	55.5% (47)	46.3% (51)	59.7% (9)	52.5% (18)




	Total	Total Responses					2017 by Gender		2017 by Grade Level			2017 by Race/Ethnicity		
	N	2017	2015	2013	2011	2009	F	M	8th	10th	12th	White	Hispanic	Other
 I have been physically harmed on purpose in my home in the past 12 months	4374	4.7% (215)	4.9% (258)	6.6% (320)	n/a	n/a	5% (119)	4.2% (94)	6.2% (106)	4.5% (65)	3.4% (44)	4.1% (136)	5.5% (29)	6.7% (48)
<i>If physically harmed on purpose in your home:</i>														
I was harmed by a parent	212	40.4% (84)	35.6% (75)	36.8% (118)	n/a	n/a	45.3% (54)	34.1% (30)	30.6% (33)	45.5% (29)	50.7% (22)	36.8% (50)	48.3% (13)	44.6% (20)
I was harmed by another adult	211	20.7% (40)	19.6% (46)	18.9% (55)	n/a	n/a	21.9% (25)	19.3% (15)	16.6% (16)	20.4% (12)	29% (12)	16.7% (21)	18.6% (5)	34.6% (14)
I was harmed by someone else in the home	213	58.5% (131)	48.8% (127)	57.7% (181)	n/a	n/a	55.3% (67)	62.3% (63)	71.9% (76)	53.5% (37)	40.8% (18)	63.8% (93)	41.4% (12)	53.6% (25)

Trafficking

500 Teens have been trafficked for sex or work.
 (Estimated among the population of 13-18-year-olds in Ottawa County.)




	Total	Total Responses					2017 by Gender		2017 by Grade Level			2017 by Race/Ethnicity		
	N	2017	2015	2013	2011	2009	F	M	8th	10th	12th	White	Hispanic	Other
 I have been given money, a place to stay, food, or something of value in exchange for sex	4359	1% (38)	n/a	n/a	n/a	n/a	0.9% (17)	1.1% (21)	0.5% (8)	0.9% (11)	1.6% (19)	0.8% (20)	*n/a	2.4% (15)
 I have been forced to work or do something illegal by someone who got money or something of value for what I did	4350	1.5% (62)	n/a	n/a	n/a	n/a	1.2% (24)	1.8% (37)	1% (19)	1.4% (19)	2% (24)	1.1% (35)	1.5% (9)	3.1% (18)

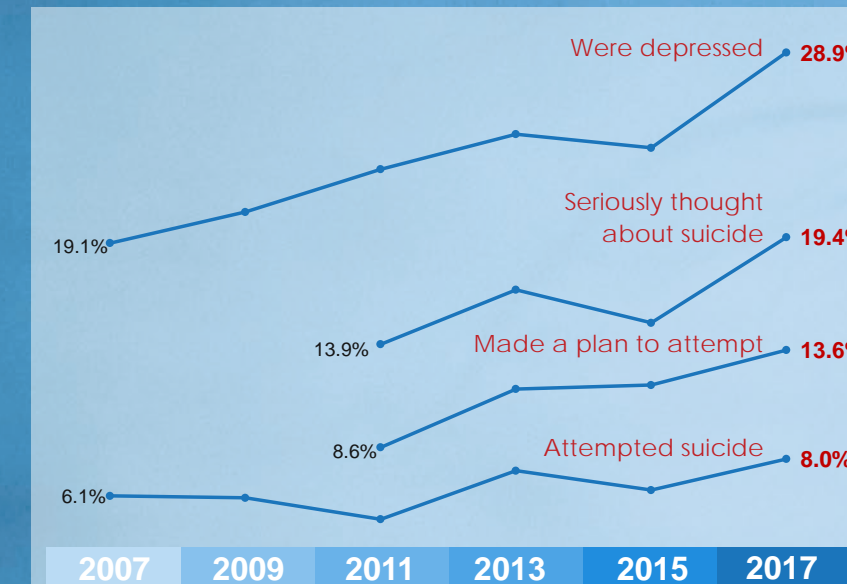
YAS Depression & Suicide

	Total N	Total Responses					2017 by Gender		2017 by Grade Level			2017 by Race/Ethnicity		
		2017	2015	2013	2011	2009	F	M	8th	10th	12th	White	Hispanic	Other
 I stopped doing some usual activities during the past 12 months because I felt so sad or hopeless almost every day for two weeks or more in a row	4360	28.9% (1220)	24% (1207)	24.7% (1146)	22.9% (768)	20.7% (465)	37.1% (822)	19.8% (391)	21.2% (364)	32.2% (438)	32.9% (418)	26.8% (829)	34.5% (166)	34.6% (223)
 During the past 12 months, I have seriously thought about attempting suicide	4352	19.4% (825)	15% (741)	16.7% (779)	13.9% (461)	n/a	25.2% (560)	12.9% (261)	15.5% (267)	21.3% (295)	21.2% (263)	17.1% (538)	23.1% (107)	27.1% (177)
 During the past 12 months, I have made a plan about how to attempt suicide	4363	13.6% (574)	11.8% (564)	11.6% (534)	8.6% (293)	n/a	17.3% (377)	9.5% (195)	10.2% (177)	15.8% (217)	14.5% (180)	12.3% (383)	13.5% (62)	19.6% (127)
I attempted suicide 1+ times in the past 12 months	4365	8% (338)	6.4% (315)	7.4% (347)	4.9% (155)	6% (133)	10.4% (228)	5.2% (109)	6% (104)	9.2% (128)	8.6% (106)	6.4% (204)	10.6% (48)	13.1% (86)

Living Arrangements

Teen girls are **2x** more likely than boys to feel depressed and think, plan or act on taking their own life.

	Total N	Total Responses					2017 by Gender		2017 by Grade Level			2017 by Race/Ethnicity		
		2017	2015	2013	2011	2009	F	M	8th	10th	12th	White	Hispanic	Other
I was without a place to stay in the past 12 months	4293	4.5% (184)	5.1% (208)	5.1% (230)	5.3% (179)	4.9% (115)	4.7% (79)	4.3% (43)	3.2% (56)	4% (39)	6.4% (28)	3.7% (85)	4.9% (10)	8% (28)
<i>Among those who were without a place to stay in the past 12 months:</i>														
 I ran away or was "kicked out" of my home	184	42.4% (78)	40.1% (81)	48.1% (110)	56.2% (105)	60.8% (63)	26.3% (26)	61.1% (51)	36.1% (18)	49.5% (25)	40.6% (35)	48.6% (52)	27.8% (8)	35.8% (18)
 My family was without a place to stay	184	18.9% (32)	12.7% (29)	9.5% (22)	6.7% (12)	11% (10)	24.3% (20)	12.6% (12)	19.4% (10)	17.8% (9)	19.4% (13)	*n/a	*n/a	*n/a
 I was without a place to stay for some other reason	184	38.7% (74)	47.2% (98)	42.5% (98)	28.5% (57)	28.7% (36)	49.4% (52)	26.3% (22)	44.5% (25)	32.6% (17)	40% (32)	38.3% (45)	46.9% (10)	35.7% (19)



The YAS helps us better understand the prevalent concerns and issues being faced by Ottawa County youth. From there, we can inform treatment approaches; and when needed, provide additional training to our staff and others about new and emerging problems. - Executive Director Lynne Doyle, Community Mental Health of Ottawa County

YAS Relationships*

	Total	Total Responses					2017 by Gender		2017 by Grade Level			2017 by Race/Ethnicity		
	N	2017	2015	2013	2011	2009	F	M	8th	10th	12th	White	Hispanic	Other
I have dated or gone out with someone in the past 12 months	4376	51.7% (2200)	n/a	n/a	n/a	n/a	54% (1179)	49.2% (1015)	34.8% (610)	52.4% (710)	67.7% (880)	51.6% (1623)	52.9% (242)	51.1% (328)
<i>Has anyone you have dated or gone out with done any of the following during the relationship (among those that have dated or gone out with somebody in the past 12 months):</i>														
Hit, slap, or physically hurt me on purpose	2196	7% (141)	n/a	n/a	n/a	n/a	7.1% (78)	6.9% (63)	5.1% (31)	7.9% (53)	7.2% (57)	6.5% (94)	6.6% (15)	9.8% (32)
Threatened me	2191	6.7% (139)	n/a	n/a	n/a	n/a	7.4% (85)	5.7% (53)	4.8% (28)	7% (51)	7.4% (60)	6.1% (87)	6.1% (15)	9.6% (36)
Called me degrading names	2190	16% (326)	n/a	n/a	n/a	n/a	19.5% (215)	11.7% (109)	12.1% (72)	17% (115)	17.2% (139)	14.9% (225)	19.7% (41)	18% (59)
Isolated me from my family or friends	2186	11% (228)	n/a	n/a	n/a	n/a	13.6% (152)	7.9% (75)	7.5% (45)	13.1% (96)	11% (87)	10% (152)	15.4% (33)	12.4% (42)
Tried to control when I saw my friends	2187	13.3% (279)	n/a	n/a	n/a	n/a	15.5% (177)	10.6% (101)	9.9% (59)	15.3% (113)	13.4% (107)	12.7% (193)	13.7% (30)	15.4% (54)
During the past 12 months, I saw someone who was dating or going out with someone pushing, yelling, or hitting them	4353	11.5% (488)	n/a	n/a	n/a	n/a	11.6% (252)	11.3% (233)	10.6% (181)	11.6% (151)	12.3% (156)	10.1% (320)	14.5% (67)	15.8% (99)
<i>Among those who saw someone being pushed, yelled at, or hit by a person they were dating or going out with during the past 12 months did you:</i>														
I did not do anything	478	45.7% (211)	n/a	n/a	n/a	n/a	43% (102)	48.8% (108)	45.7% (82)	47.3% (63)	44.1% (66)	44% (136)	54.4% (35)	44.9% (40)
I spoke up and asked them to stop	482	40.5% (197)	n/a	n/a	n/a	n/a	40.7% (103)	40.7% (94)	42.8% (76)	39.2% (59)	40.1% (62)	41.3% (133)	35% (24)	42.4% (40)
I asked if everything was ok	484	65.9% (321)	n/a	n/a	n/a	n/a	72.7% (184)	57.9% (135)	65.7% (117)	65.8% (102)	66.1% (102)	66.8% (212)	64.4% (45)	63.9% (63)
I went to find help	480	19.8% (90)	n/a	n/a	n/a	n/a	19% (48)	20.7% (42)	16% (29)	18.6% (28)	24.2% (33)	21.1% (63)	17.4% (11)	17.7% (16)
I would want someone to find help if someone I was dating or going out with was pushing, yelling, or hitting me	4253	77.5% (3321)	n/a	n/a	n/a	n/a	88% (1945)	65.9% (1368)	80% (1368)	76.2% (992)	76.4% (961)	79.5% (2517)	71.7% (333)	72.4% (460)

* Use caution when comparing 2017 with previous reports due to a change in wording from boyfriend/girlfriend to dating/going out.

YAS Family Experience

	Total	Total Responses					2017 by Gender		2017 by Grade Level			2017 by Race/Ethnicity		
	N	2017	2015	2013	2011	2009	F	M	8th	10th	12th	White	Hispanic	Other
↓ People in my family often insult or yell at each other	4319	30.1% (1271)	28.7% (1321)	30.5% (1389)	30.7% (1057)	28.7% (624)	33.9% (751)	25.8% (516)	26.5% (450)	32% (425)	31.4% (396)	27.6% (867)	33.3% (159)	39.5% (243)
We argue about the same things in my family over and over again	4317	39.9% (1702)	39.1% (1756)	38.8% (1745)	38.9% (1321)	36.7% (819)	44.2% (982)	35.2% (717)	34.6% (587)	40.4% (549)	44.5% (566)	38.6% (1216)	39.1% (188)	46.7% (293)
↓ People in my family have serious arguments	4317	25.8% (1110)	24.7% (1151)	25.4% (1157)	27.7% (934)	26.8% (578)	27.6% (619)	23.9% (486)	22.3% (376)	26.9% (370)	28.1% (364)	24.2% (774)	26.9% (134)	32.7% (199)
My parents ask if I have gotten my homework done	4306	81.5% (3566)	82.7% (4060)	80.6% (3886)	81.3% (2903)	80.5% (1805)	80.3% (1832)	82.6% (1721)	91.1% (1555)	82.9% (1095)	70.4% (916)	82.6% (2673)	76.6% (369)	79.8% (514)
↓ My parents want me to call if I am going to be late getting home	4299	88% (3800)	88.5% (4264)	88.1% (4167)	89% (3133)	89.4% (2020)	91.6% (2061)	84% (1726)	88.8% (1507)	89.9% (1189)	85.2% (1104)	88.8% (2833)	88.2% (417)	84.1% (539)
↑ When I am not at home, one of my parents knows where I am and who I am with.	4306	89.4% (3889)	90.4% (4375)	88.4% (4229)	88.1% (3106)	87.8% (1988)	91.3% (2067)	87.1% (1808)	94% (1604)	89.2% (1185)	85.1% (1100)	90.2% (2911)	89.1% (421)	85.4% (545)
The rules in my family are clear	4308	87.5% (3793)	88.3% (4275)	85.7% (4108)	87.9% (3087)	87.6% (1988)	87.3% (1970)	87.6% (1811)	91% (1553)	86.2% (1146)	85.4% (1094)	88.4% (2842)	88.7% (420)	81.9% (519)
My family has clear rules about alcohol and drug abuse	4301	87.3% (3779)	87.6% (4231)	84.8% (4066)	86.5% (3032)	87.1% (1976)	86.5% (1943)	88.2% (1824)	91.9% (1560)	87.3% (1156)	82.9% (1063)	88.5% (2833)	86.5% (410)	82.1% (524)
↑ My parents would know if I did not come home on time	4306	86.1% (3738)	86.8% (4193)	84% (3982)	85.3% (3007)	83.3% (1892)	87.2% (1972)	84.7% (1753)	91.8% (1561)	86.2% (1140)	80.3% (1037)	86.4% (2780)	84.1% (399)	86% (548)
↑ My parents give me lots of chances to do fun things with them	4302	76.4% (3321)	77.8% (3798)	73.4% (3517)	74.6% (2658)	74.9% (1706)	74.5% (1687)	78.6% (1624)	81.2% (1384)	75.8% (998)	72.5% (939)	78.4% (2526)	73.9% (344)	68.8% (441)
My parents ask me what I think before most family decisions affecting me are made	4286	66.1% (2858)	65.3% (3204)	63.7% (3065)	63.8% (2292)	65.3% (1487)	64.2% (1444)	68.3% (1406)	69.6% (1180)	65.6% (854)	63.3% (824)	68.1% (2188)	61% (277)	60.9% (384)
↑ If I had a personal problem, I could ask my mom or dad for help	4288	79.6% (3441)	78.6% (3813)	75.6% (3603)	76.9% (2714)	77% (1753)	77.1% (1736)	82.6% (1697)	82.9% (1407)	78.4% (1023)	77.6% (1011)	82.2% (2635)	74.6% (347)	71.1% (449)



YAS Community Involvement

	Total	Total Responses					2017 by Gender		2017 by Grade Level			2017 by Race/Ethnicity		
	N	2017	2015	2013	2011	2009	F	M	8th	10th	12th	White	Hispanic	Other
<i>During the past 12 months, has participated in:</i>														
↑ A volunteer opportunity	4289	59.2% (2509)	62.7% (2930)	62.3% (2920)	59.6% (2038)	51% (1223)	64.4% (1422)	53.3% (1079)	51% (858)	57.8% (761)	68.8% (890)	64.1% (2003)	44% (195)	47.9% (303)
↑ A school or community club	4285	45.7% (1972)	45.2% (2132)	40.9% (1943)	35.2% (1218)	31.6% (735)	50.3% (1141)	40.4% (822)	41.7% (696)	43% (588)	52.5% (688)	49.7% (1578)	32.4% (151)	37% (237)
↑ A team sport	4288	58.9% (2577)	61.3% (3016)	59.3% (2884)	56.4% (1936)	54.1% (1222)	56.7% (1295)	61.4% (1276)	66.3% (1123)	57.7% (768)	52.9% (686)	62.9% (2024)	45.3% (213)	50.4% (333)
↑ A non-team sport	4272	37.5% (1637)	34.8% (1719)	36.8% (1764)	36.6% (1222)	23.8% (543)	36% (826)	39.3% (805)	42.6% (720)	35.6% (479)	34.8% (438)	40.4% (1301)	26.6% (125)	32.6% (208)
↑ Art/music/theater/dance	4289	43.4% (1935)	47.9% (2337)	47.2% (2254)	45.7% (1514)	36.7% (837)	53.3% (1246)	32.3% (684)	49.7% (840)	42.1% (590)	38.8% (505)	44.8% (1471)	36.8% (184)	42.1% (277)
↑ A part-time job	4290	41.4% (1684)	39.4% (1706)	39% (1746)	37.5% (1273)	29.5% (742)	39.2% (823)	43.8% (855)	17.1% (290)	34.2% (454)	72.9% (940)	43.6% (1314)	32.4% (144)	38% (223)
Faith-based group or activity *	4277	46.4% (1974)	n/a	n/a	n/a	n/a	50.3% (1103)	42% (865)	50% (847)	46.5% (593)	42.9% (534)	50.3% (1567)	39.6% (183)	32.9% (217)
↑ A leadership activity	4294	23.3% (1015)	22% (1046)	22.5% (1074)	22.4% (770)	17.1% (396)	26.3% (608)	20% (405)	21.4% (356)	17.3% (241)	31.8% (418)	24.3% (780)	20.4% (98)	20.9% (133)
I did not participate in any of these community activities in the past 12 months *	4201	6.3% (245)	n/a	n/a	n/a	n/a	5.1% (104)	7.6% (141)	6.5% (104)	8% (95)	4.1% (46)	4.4% (127)	13.1% (60)	9.9% (58)

* No longer comparable to previous years due to change in wording from church to faith-based.

"The analysis provided by the YAS allows us to make decisions that are tailored to the needs of the youth in our community. Thanks to the YAS, our grant dollars truly go the distance." - Dominic Aquino, West Ottawa High School senior, Community Foundation of the Holland/Zeeland Area youth trustee and Youth Advisory Committee chair

YAS Cigarette Use

	Total N	Total Responses					2017 by Gender		2017 by Grade Level			2017 by Race/Ethnicity		
		2017	2015	2013	2011	2009	F	M	8th	10th	12th	White	Hispanic	Other
↓ I have smoked a whole cigarette	4343	13.1% (528)	13.4% (551)	19.7% (799)	24.4% (770)	27.1% (633)	12.7% (266)	13.5% (261)	4.8% (80)	13.1% (172)	21.2% (276)	11.8% (352)	14.6% (67)	17.7% (108)
↓ I smoked a whole cigarette for the first time before I turned 13 years old	4343	3.8% (152)	3.7% (164)	6.3% (280)	7.6% (235)	8.8% (190)	3% (64)	4.7% (88)	3.1% (51)	4% (50)	4.3% (51)	2.6% (75)	6% (30)	7.7% (46)
↓ I smoked a whole cigarette for the first time before I turned 13 years old (among those who have ever smoked a whole cigarette)	528	29% (152)	29.4% (164)	31.9% (280)	31% (235)	n/a	23.3% (64)	35.1% (88)	63.8% (51)	30.4% (50)	20.3% (51)	21.8% (75)	41.1% (30)	43.4% (46)
↓ I have smoked cigarettes on one or more of the past 30 days	4361	5.5% (222)	6.8% (265)	9.9% (416)	13.9% (449)	15.9% (390)	5.3% (110)	5.7% (112)	1.3% (23)	5.7% (72)	9.4% (127)	5.4% (159)	4.1% (18)	7.4% (45)
↓ I tried to quit smoking in the past 12 months (among students who smoke)	674	25% (157)	56.7% (193)	54.3% (293)	44% (195)	57.4% (254)	28.2% (87)	21.8% (70)	16.2% (24)	24.8% (49)	28.6% (84)	25.7% (112)	18.1% (13)	27.3% (32)
I believe there is no or slight risk to smoking one or more packs of cigarettes per day	4334	11.7% (482)	9.8% (487)	10.3% (519)	13.8% (486)	10.6% (238)	9.8% (213)	13.7% (266)	13.5% (229)	10.1% (121)	11.6% (132)	9.4% (287)	18.9% (91)	17.1% (103)
↓ My parents feel it would not be wrong or only a little bit wrong for me to smoke cigarettes	4350	5.1% (205)	4.7% (202)	6.3% (271)	10% (332)	9.7% (232)	4.3% (90)	6% (115)	2.6% (45)	4.7% (58)	7.9% (102)	4.9% (145)	4.4% (22)	6.7% (38)
↓ My friends feel it would not be wrong or only a little bit wrong for me to smoke cigarettes	4338	20.1% (818)	18.9% (833)	23.2% (1033)	n/a	n/a	19.6% (414)	20.7% (403)	9.6% (163)	21% (272)	29.5% (383)	20% (602)	19.7% (88)	20.8% (126)

1 in 5 Teens say their friends feel it is **NOT WRONG** for them to smoke.



Cigarette Access

4 in 10 Teens who TRIED cigarettes are currently using them or have used in the past 30 days.

	Total N	Total Responses					2017 by Gender		2017 by Grade Level			2017 by Race/Ethnicity		
		2017	2015	2013	2011	2009	F	M	8th	10th	12th	White	Hispanic	Other
↓ It would be sort of easy or very easy for me to get cigarettes (among students under age 18)	3928	43.5% (1614)	39% (1620)	45.4% (1844)	52.1% (1596)	53.6% (1345)	43% (853)	44.2% (757)	24.2% (397)	46.2% (602)	64.4% (615)	43.6% (1194)	46.7% (185)	40.6% (231)
<i>In the past year, have you ever (among those under 18):</i>														
↓ I bought cigarettes from a grocery store, gas station, convenience store, or discount store in the past year (among students under age 18)	3977	1.1% (37)	1.4% (37)	2.2% (86)	n/a	n/a	0.9% (16)	1.4% (21)	*n/a	1.6% (18)	1.5% (15)	1.1% (24)	*n/a	1.7% (10)
↓ I gave money to a legal age (18+) person to buy cigarettes for me	3980	3.6% (125)	4.3% (140)	6.4% (246)	10.8% (321)	11.8% (255)	3.4% (66)	3.7% (59)	0.7% (11)	4.2% (49)	6.3% (65)	3.6% (90)	1.7% (8)	4.9% (26)
↓ I stole cigarettes from a store in the past year (among students under age 18)	3978	0.9% (27)	0.7% (15)	1.1% (46)	1.6% (49)	1.9% (44)	0.6% (9)	1.2% (18)	0.3% (5)	1.4% (15)	0.8% (7)	0.7% (15)	1.3% (5)	1.5% (7)
↓ I took cigarettes from my home or the home of a friend without permission in the past year (among students under age 18)	3967	3.5% (127)	3.4% (131)	5.4% (232)	6.7% (204)	6.8% (141)	3.4% (67)	3.7% (60)	1.9% (32)	4.7% (57)	4.1% (38)	2.9% (76)	4.5% (19)	5.6% (31)
↓ I have been given cigarettes by my parents or the parents of a friend in the past year (among students under age 18)	3972	2.3% (74)	2.1% (74)	3.8% (151)	5.2% (148)	6.3% (128)	2.3% (43)	2.3% (31)	0.8% (13)	2.8% (28)	3.4% (33)	1.9% (45)	2.4% (11)	3.8% (18)
↓ I have been given cigarettes by an underage friend in the past year (among students under age 18)	3973	6.8% (255)	7% (268)	12.9% (518)	14.8% (431)	16.8% (354)	7.2% (144)	6.5% (111)	2.9% (49)	8.5% (112)	9.4% (94)	6.2% (167)	7.6% (34)	9.1% (53)
↓ I have been given cigarettes by a legal age (18+) person in the past year (among students under age 18)	3966	6.5% (230)	6.8% (239)	10.7% (418)	14.6% (427)	15.7% (336)	6.6% (128)	6.4% (102)	1.7% (29)	6.4% (78)	12.9% (123)	6.4% (164)	5.6% (24)	7.6% (41)

YAS Other Tobacco Use

	Total	Total Responses					2017 by Gender		2017 by Grade Level			2017 by Race/Ethnicity		
	N	2017	2015	2013	2011	2009	F	M	8th	10th	12th	White	Hispanic	Other
➤ I have used chewing tobacco, snuff, or dip	4353	3.9% (153)	5% (190)	5.4% (228)	7.9% (285)	11.1% (272)	1.9% (36)	6.2% (117)	1% (17)	3.8% (42)	6.9% (94)	4% (117)	2.4% (10)	4.7% (26)
➤ I used chewing tobacco, snuff, or dip for the first time before I turned 13 years old	4353	0.9% (33)	1.1% (33)	1.2% (57)	1.8% (63)	2% (43)	0.5% (10)	1.4% (23)	0.6% (10)	1.1% (11)	1% (12)	0.7% (17)	*n/a	2.7% (14)
➤ I used chewing tobacco, snuff, or dip in the past 30 days	4355	1.3% (49)	2.2% (81)	2.3% (97)	3.6% (133)	5.3% (133)	0.8% (14)	1.9% (35)	0.4% (8)	1.1% (12)	2.5% (29)	1.1% (30)	*n/a	2.9% (16)
➤ I used cigars, cigarillos, or little cigars in the past 30 days	4354	4% (168)	4.9% (195)	6.8% (289)	9.5% (319)	11.5% (295)	2.5% (54)	5.8% (114)	1.1% (20)	3.1% (41)	7.9% (107)	3.7% (119)	2.8% (12)	6.4% (37)
➤ I have smoked cigarettes or cigars or have used chewing tobacco, snuff, or dip on one more of the past 30 days	4335	7.4% (296)	6.1% (236)	12.1% (506)	16.4% (543)	19.2% (457)	6.2% (128)	8.8% (168)	1.8% (32)	7.2% (89)	13.2% (175)	7.2% (216)	5.7% (24)	9.9% (56)

Electronic Vapor Product Use

	Total	Total Responses					2015 by Gender		2015 by Grade Level			2015 by Race/Ethnicity		
	N	2017	2015	2013	2011	2009	F	M	8th	10th	12th	White	Hispanic	Other
I have used an electronic vapor product	4365	31.6% (1286)	24.9% (1076)	n/a	n/a	n/a	31.6% (660)	31.6% (623)	12.3% (211)	33.9% (450)	48.1% (625)	30.5% (925)	34.1% (152)	34.4% (206)
I have used an electronic vapor product before I turned 13 (all participants)	4365	3.7% (160)	2.4% (125)	n/a	n/a	n/a	3.2% (71)	4.3% (89)	4.9% (85)	3.3% (43)	2.9% (32)	2.4% (79)	6.5% (34)	7.4% (47)
I have used an electronic vapor product in the past 30 days.	4357	20% (831)	14.3% (588)	n/a	n/a	n/a	20% (431)	20.2% (398)	7.2% (125)	20.1% (275)	32.7% (431)	20.4% (627)	17.3% (79)	20.6% (124)
★ I believe there is no or slight risk to using electronic vapor products of e-cigarettes	4330	48.6% (2041)	n/a	n/a	n/a	n/a	45.2% (985)	52.4% (1050)	36.1% (622)	50.3% (668)	59.1% (751)	47.7% (1482)	51.4% (235)	50.8% (320)

1 in 2 Teens perceive little risk to vaping.

YAS Alcohol Use

32% of teens have had a drink of alcohol.

	Total	Total Responses					2017 by Gender		2017 by Grade Level			2017 by Race/Ethnicity		
	N	2017	2015	2013	2011	2009	F	M	8th	10th	12th	White	Hispanic	Other
↓ I have had a drink of alcohol other than a few sips	4315	32% (1283)	28.3% (1238)	33.4% (1459)	39.8% (1316)	42.2% (949)	34.2% (710)	29.7% (571)	12.8% (219)	32.3% (412)	50.6% (652)	30.4% (907)	38.8% (170)	34.9% (204)
↓ I had a drink of alcohol other than a few sips before I turned 13 years old	4315	7% (306)	6.7% (318)	9.3% (444)	10.9% (376)	11.6% (25)	6.8% (151)	7.2% (154)	8.6% (148)	6.6% (85)	6% (73)	5% (167)	12.1% (57)	12.8% (82)
↓ I have had at least one drink of alcohol in the past 30 days	4340	17.2% (692)	15.6% (640)	18.9% (809)	22% (738)	24.9% (583)	19.5% (405)	14.6% (286)	5.3% (90)	15.5% (200)	30.7% (402)	16.9% (505)	19% (83)	17.3% (103)
↓ I have had five or more drinks of alcohol within a couple hours in the past 30 days	4346	8.9% (359)	8.4% (334)	10.8% (448)	13.9% (469)	13.6% (332)	9.6% (200)	8.2% (159)	1.6% (26)	7.2% (93)	18% (240)	8.4% (258)	10.5% (44)	9.9% (56)
I believe there is no or slight risk to having five or more alcoholic drinks once or twice a week	4331	27.7% (1190)	25.6% (1256)	28.6% (1347)	n/a	n/a	25.1% (560)	30.6% (628)	28.4% (486)	24.7% (307)	30.4% (397)	26.2% (840)	34.1% (162)	29.7% (186)
↓ I believe there is no or slight risk to having one or two alcoholic drinks nearly every day	4333	22.7% (970)	21% (1044)	23.4% (1127)	36.9% (1305)	30% (698)	19.3% (440)	26.4% (528)	24.3% (417)	21.1% (265)	22.9% (288)	20.4% (649)	29.3% (145)	27.9% (173)
↓ My friends feel it would not be wrong or only a little bit wrong for me to have one or two drinks of an alcoholic beverage nearly every day	4335	19.2% (780)	17.8% (795)	22.5% (981)	n/a	n/a	17.6% (372)	21.1% (407)	8.8% (149)	20.5% (262)	28.1% (369)	18.8% (564)	21.2% (96)	19.7% (118)
My parents feel it would not be wrong or only a little bit wrong for me to drink beer, wine, or hard liquor regularly	4352	13.8% (553)	11.5% (517)	12.7% (567)	13.7% (482)	13.1% (297)	13.1% (270)	14.6% (282)	7.5% (127)	11.9% (147)	22.2% (279)	13.3% (392)	18% (82)	12.9% (79)
↓ My parents feel it would not be wrong or only a little bit wrong for me to have one or two alcoholic drinks nearly every day	4342	5% (196)	4.6% (208)	6.2% (273)	n/a	n/a	4.8% (98)	5.1% (98)	3.1% (54)	4.1% (48)	7.8% (94)	4.5% (131)	6.8% (30)	6% (35)
↓ I think more than 60% of kids in my grade have drunk alcohol in the past 30 days	4330	21.4% (838)	20% (872)	25.8% (1101)	29.3% (867)	32.1% (510)	26.2% (538)	16.1% (298)	5.6% (93)	22.7% (289)	35.6% (456)	20.5% (594)	24.2% (106)	23.6% (137)

Alcohol Access

	Total	Total Responses					2017 by Gender		2017 by Grade Level			2017 by Race/Ethnicity		
	N	2017	2015	2013	2011	2009	F	M	8th	10th	12th	White	Hispanic	Other
↓ It would be sort of easy or very easy for me to get alcohol	4312	56.3% (2333)	53.7% (2446)	55.5% (2509)	55.2% (1924)	57.9% (1360)	58.9% (1257)	53.4% (1071)	38.1% (649)	58.7% (765)	71.2% (919)	58% (1778)	51.3% (228)	52% (321)
<i>In the past year, have you ever:</i>														
↓ I bought alcohol from a store	4360	1.1% (40)	1.2% (45)	1.7% (70)	2.3% (76)	1.7% (50)	1% (21)	1.1% (19)	0.3% (5)	1% (12)	1.9% (23)	0.7% (16)	1.7% (9)	2.4% (15)
↓ I bought alcohol from a restaurant or bar	4357	1% (41)	0.9% (41)	1.6% (68)	2% (71)	2% (53)	1.1% (22)	1% (19)	*n/a	1% (14)	1.8% (24)	0.8% (26)	1.1% (5)	1.8% (10)
↓ I gave money to a legal age (21+) friend or family member to buy alcohol	4358	7.8% (311)	7.2% (276)	10.2% (420)	13.9% (457)	15% (355)	9.6% (196)	5.8% (115)	0.8% (13)	5.1% (63)	17.8% (235)	7.3% (219)	9% (40)	9.1% (51)
I bought alcohol in the past year with an ID other than mine	4357	1% (38)	0.5% (17)	n/a	n/a	n/a	0.9% (19)	1.1% (19)	*n/a	*n/a	*n/a	*n/a	*n/a	*n/a
↓ I stole alcohol from a store	4364	1.7% (62)	1.6% (52)	1.4% (60)	2.7% (84)	3.7% (70)	1.6% (30)	1.8% (32)	*n/a	1.8% (20)	3.1% (38)	1.4% (38)	1.3% (5)	3.5% (19)
↓ I took alcohol from my home or the home of a friend without permission	4356	10.5% (408)	7.7% (319)	10.3% (440)	12.3% (418)	13.8% (322)	13% (257)	7.9% (151)	3.3% (56)	11.6% (142)	16.6% (210)	10.4% (298)	8.7% (39)	12.8% (70)
↓ I have been given alcohol by parents or parents of a friend	4358	14.3% (583)	11.3% (487)	13.4% (592)	14.9% (493)	16.1% (367)	16.8% (356)	11.6% (227)	6% (105)	13.4% (170)	23.6% (308)	14.1% (426)	15.9% (72)	14.1% (84)
↓ I have been given alcohol by an underage friend	4349	15.5% (610)	12.8% (548)	16.6% (714)	20.6% (676)	21% (486)	18.9% (387)	11.8% (222)	3.5% (60)	17.1% (217)	25.7% (333)	15.3% (446)	16.2% (71)	16.1% (92)
↓ I have been given alcohol by a legal age (21+) person	4349	17.5% (698)	14.7% (613)	18.5% (787)	22% (725)	24.4% (567)	20.1% (417)	14.7% (280)	5.7% (96)	15.9% (200)	31% (402)	16.2% (479)	21.3% (98)	20.8% (120)
↓ I have attended a party where alcohol was available	4354	38.1% (1585)	31.3% (1450)	37.7% (1745)	36.8% (1261)	37.1% (847)	40.4% (873)	35.5% (707)	27.1% (459)	38% (493)	49% (633)	34.3% (1073)	54.5% (250)	43% (258)

27% of 8th graders attended a party where alcohol was available.

YAS Marijuana Use

Nearly **6 in 10** Teens believe there little to **NO RISK** to trying marijuana.

1 in 5 Teens have used marijuana.

“We appreciate the work that goes into gathering this important statistical data so that we understand the needs of our communities involving our youth. ”
- Undersheriff Valerie Weiss,
Ottawa County Sheriff's Office

	Total	Total Responses					2017 by Gender		2017 by Grade Level			2017 by Race/Ethnicity		
	N	2017	2015	2013	2011	2009	F	M	8th	10th	12th	White	Hispanic	Other
I have used marijuana	4352	21.3% (839)	17.6% (760)	20.9% (895)	23.8% (762)	22.4% (513)	21.8% (441)	21% (398)	6.2% (102)	21.7% (278)	36% (459)	18% (533)	32.1% (138)	28.6% (166)
I used marijuana for the first time before I turned 13 years old	4352	3.3% (135)	2.8% (133)	4.8% (223)	5.3% (170)	4.9% (112)	3% (64)	3.7% (71)	3% (49)	3.8% (48)	3.1% (38)	1.7% (54)	7.6% (36)	7.4% (45)
I have used marijuana on one or more of the past 30 days	4349	12.5% (484)	10.3% (423)	12.2% (515)	15.2% (484)	13.6% (312)	12.7% (253)	12.4% (231)	3.6% (60)	12.4% (158)	21.5% (266)	10% (291)	19.5% (83)	19% (109)
I believe there is no or slight risk to trying marijuana once or twice	4339	57.3% (2432)	52.7% (2428)	50.4% (2301)	58.9% (2062)	51.9% (1192)	56.5% (1236)	58.2% (1190)	42.7% (738)	58.9% (776)	70% (918)	55.6% (1756)	61.8% (287)	61.9% (384)
I believe there is no or slight risk to smoking marijuana once or twice a week	4332	45.3% (1898)	38.5% (1784)	40.3% (1814)	n/a	n/a	41.5% (901)	49.7% (993)	31.3% (535)	44.6% (585)	60.2% (778)	42.1% (1313)	54.5% (254)	53.5% (327)
My parents feel it would not be wrong or only a little bit wrong for me to smoke marijuana	4337	12.1% (482)	8.8% (422)	9.9% (421)	10.3% (319)	7.1% (169)	11.1% (231)	13.3% (251)	5.1% (86)	13.1% (168)	17.9% (228)	10.3% (307)	14.9% (65)	18.5% (110)
My friends feel it would not be wrong or only a little bit wrong for me to use marijuana	4328	35.5% (1436)	30% (1316)	32.2% (1404)	n/a	n/a	34.8% (731)	36.5% (703)	14.5% (245)	38.5% (504)	53% (687)	33.2% (1003)	42.7% (187)	41.1% (243)
I think more than 60% of kids in my grade have used marijuana in the past 30 days	4324	24.6% (936)	19.1% (826)	24.5% (1067)	22.5% (683)	15.3% (339)	28.4% (573)	20.4% (361)	7.6% (123)	29.8% (377)	35.7% (436)	20.1% (565)	39.6% (175)	33.9% (195)
It would be sort of easy or very easy for me to get marijuana	4304	36.5% (1449)	32.5% (1422)	35.8% (1574)	40% (1308)	35.9% (809)	37.6% (770)	35.5% (678)	13.2% (218)	40.3% (525)	54.9% (706)	34.4% (1014)	46.9% (203)	38.3% (228)

Over-the-Counter Drug Use

	Total	Total Responses					2017 by Gender		2017 by Grade Level			2017 by Race/Ethnicity		
	N	2017	2015	2013	2011	2009	F	M	8th	10th	12th	White	Hispanic	Other
I have used over the counter drugs only for the experience or feeling that they caused	4325	5.3% (218)	6.6% (263)	8.3% (359)	9.8% (335)	11.9% (272)	5.6% (118)	5.1% (99)	3.1% (54)	5.6% (73)	7.2% (91)	4.5% (137)	7.9% (34)	7.4% (47)
I used over the counter drugs only for the experience or feeling that they caused before I turned 13 years old	4325	1.1% (48)	1.8% (78)	2% (107)	3.1% (97)	3.2% (65)	1.1% (24)	1% (23)	1.5% (26)	0.8% (10)	1.1% (12)	0.8% (26)	1.4% (8)	2.3% (14)
I have used over the counter drugs only for the experience or feeling that they cause on one or more of the past 30 days	4322	3.1% (119)	3.5% (138)	4.8% (208)	6.4% (215)	7.5% (191)	3.3% (69)	2.8% (49)	1.9% (32)	3.6% (44)	3.6% (43)	2.2% (63)	5.2% (21)	5.9% (35)
I believe there is no or slight risk to using over the counter drugs only for the experience or feeling they cause	4348	18.2% (776)	16.8% (829)	17.6% (854)	20.2% (713)	13.3% (292)	17.3% (390)	19.4% (384)	18.9% (325)	18.5% (234)	17.3% (217)	15.5% (500)	26.5% (125)	24.2% (147)

YAS Prescription Drug Use

More than **1/2** of all teens who TRIED prescription drugs are currently using them or have used in the past 30 days.

	Total N	Total Responses					2017 by Gender		2017 by Grade Level			2017 by Race/Ethnicity		
		2017	2015	2013	2011	2009	F	M	8th	10th	12th	White	Hispanic	Other
↓ I have used a prescription drug without a doctor's prescription	4257	7.8% (309)	9.3% (373)	10.5% (465)	n/a	n/a	8.3% (172)	7.2% (137)	3.5% (61)	8.2% (98)	11.5% (150)	6.7% (203)	9.4% (38)	11.1% (66)
↓ I used a prescription drug without a doctor's prescription before I turned 13 years old	4257	1.9% (73)	2.3% (109)	2.6% (135)	n/a	n/a	2% (39)	1.8% (34)	1.8% (31)	2.4% (24)	1.4% (18)	1.5% (43)	1.7% (8)	4.1% (22)
↓ I used a prescription drug without a doctor's permission in the past 30 days	4325	4.3% (173)	5.7% (223)	7.3% (307)	n/a	n/a	4.8% (99)	3.9% (74)	1.8% (30)	4.5% (57)	6.8% (86)	3.6% (108)	5.1% (21)	7% (42)
<i>During the past 30 days:</i>														
I have used prescription sedatives or tranquilizers such as Valium, Xanax, or Restoril with out a doctor's prescription	4296	2.1% (76)	2.1% (78)	2.2% (93)	n/a	n/a	2.1% (41)	2% (35)	0.7% (12)	2.3% (29)	3.2% (35)	1.4% (43)	3.7% (14)	3.9% (18)
↓ I have used prescription pain relievers such as Darvocet, Percocet, or Vicodin without a doctor's prescription	4282	2.3% (87)	2.2% (80)	4% (168)	n/a	n/a	2.6% (50)	2% (37)	1% (17)	2.4% (27)	3.5% (43)	1.8% (50)	3.5% (13)	4% (23)
↓ I have used prescription stimulants such as Ritalin, Adderall, or Fastin without a doctor's prescription	4276	2.5% (102)	3.5% (136)	4.2% (178)	n/a	n/a	2.5% (52)	2.7% (50)	0.8% (13)	2.1% (28)	4.7% (61)	2.2% (66)	2.1% (8)	4.6% (28)
I believe there is no or slight risk to using a prescription drug not prescribed to me	4342	14.9% (636)	13.9% (700)	16.1% (781)	17.5% (629)	11.8% (263)	13.2% (293)	16.8% (340)	17% (289)	14.4% (179)	13.6% (168)	12.4% (398)	21.9% (107)	21.5% (130)
↓ My parents feel it would not be wrong or only a little bit wrong for me to use prescription drugs not prescribed to me	4334	3.9% (142)	3.6% (160)	4.9% (216)	n/a	n/a	4.2% (83)	3.5% (58)	2.1% (35)	4.2% (47)	5.4% (60)	3.2% (79)	4.6% (22)	7% (41)
↓ My friends feel it would not be wrong or only a little bit wrong for me to use prescription drugs not prescribed to me	4334	13.3% (539)	13.6% (581)	18% (773)	n/a	n/a	12.2% (260)	14.6% (277)	6.4% (106)	14.7% (192)	18.7% (241)	12.7% (378)	15% (68)	14.9% (90)

1 in 4
Teens say Rx drugs are easy to get.

Prescription Drug Access

	Total N	Total Responses					2017 by Gender		2017 by Grade Level			2017 by Race/Ethnicity		
		2017	2015	2013	2011	2009	F	M	8th	10th	12th	White	Hispanic	Other
It would be sort of easy or very easy for me to get prescription drugs without a doctor's prescription	4294	25.7% (1043)	29% (1272)	n/a	n/a	n/a	27.1% (574)	24.1% (464)	18.1% (309)	27.8% (349)	30.8% (385)	25.8% (772)	24.6% (106)	26.2% (163)
<i>Referring to Rx drugs not prescribed to you, in the past year, have you:</i>														
I bought them from a friend/peer	4348	3.2% (124)	3.2% (119)	3.5% (148)	n/a	n/a	2.9% (63)	3.4% (61)	0.7% (11)	2.5% (33)	6.4% (80)	2.4% (74)	4.8% (20)	5.2% (29)
↓ I took them from home	4339	3.4% (134)	3.3% (133)	4.3% (192)	n/a	n/a	4.2% (87)	2.4% (46)	2.2% (38)	4.2% (50)	3.7% (46)	3% (87)	3.1% (13)	5.4% (33)
I took them from grandparents	4335	0.9% (32)	0.5% (20)	0.9% (46)	n/a	n/a	0.7% (15)	1% (17)	0.4% (8)	0.8% (9)	1.4% (15)	0.5% (16)	*n/a	2.6% (13)
↓ I took them from a friend	4330	2.1% (85)	2.4% (95)	3.1% (133)	n/a	n/a	1.9% (44)	2.3% (41)	1.1% (18)	1.7% (24)	3.4% (43)	1.7% (53)	1.1% (6)	4.7% (26)
I took them from a friend's home	4331	1% (39)	0.9% (33)	1.3% (58)	n/a	n/a	0.7% (16)	1.3% (23)	0.5% (9)	1.1% (14)	1.4% (16)	0.8% (22)	*n/a	2.7% (14)
I attended a party where they were available	4329	8.4% (341)	5.7% (223)	7.3% (309)	n/a	n/a	9.4% (200)	7.3% (141)	3.2% (54)	9% (118)	12.9% (169)	6.9% (213)	14.9% (63)	10.2% (64)

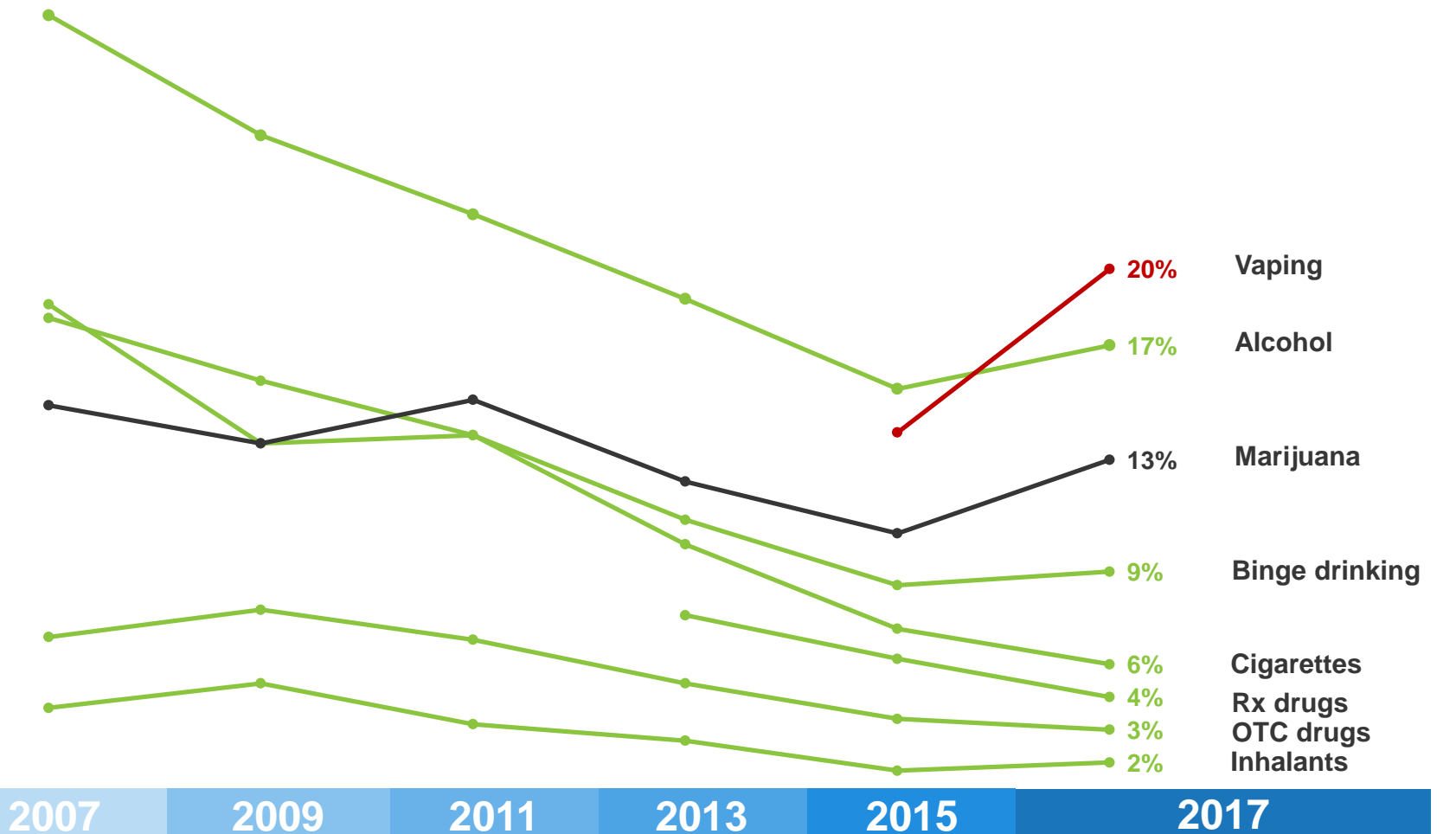









YAS Other Drug Use

	Total	Total Responses					2017 by Gender		2017 by Grade Level			2017 by Race/Ethnicity		
	N	2017	2015	2013	2011	2009	F	M	8th	10th	12th	White	Hispanic	Other
<i>Used an inhalant (sniffed glue, breathed the contents of aerosol spray cans, or inhaled any other gases or sprays):</i>														
↘ Ever to get high	4341	3.9% (162)	4.3% (181)	5.7% (270)	7.9% (279)	10.8% (243)	4.2% (93)	3.6% (69)	4% (69)	3.7% (44)	4% (49)	3% (89)	5.7% (28)	7.1% (45)
↘ To get high for the first time before age 13	4341	2% (85)	1.8% (85)	2.9% (144)	4% (137)	4.6% (100)	2.1% (47)	1.9% (38)	2.5% (44)	1.5% (19)	2% (22)	1.4% (45)	2% (12)	4.6% (28)
↘ To get high in the past 30 days	4341	1.9% (74)	1.6% (64)	2.7% (132)	3.3% (118)	4.8% (108)	1.9% (39)	1.9% (35)	2% (35)	1.8% (19)	1.9% (20)	1.3% (38)	2.7% (12)	4.2% (24)
↘ I have used cocaine in any form including powder, crack, or freebase	4345	2.6% (102)	1.8% (63)	2.6% (114)	3.6% (125)	4.6% (113)	2.5% (51)	2.8% (51)	1.1% (18)	2.2% (25)	4.7% (59)	1.8% (53)	3.8% (17)	5.9% (32)
↘ I have used heroin (also called smack, junk, or China White)	4342	0.8% (29)	1.6% (74)	2.4% (116)	1.5% (52)	1.7% (47)	0.8% (17)	0.8% (12)	0.3% (6)	0.7% (9)	1.4% (14)	0.4% (11)	*n/a	2.8% (14)
↘ I have used methamphetamines (also called speed, crystal, crank, ice, chalk, fire, or glass)	4337	0.9% (31)	1.6% (57)	2.2% (102)	1.7% (60)	2% (55)	0.9% (18)	0.9% (13)	0.4% (8)	0.7% (9)	1.5% (14)	0.5% (12)	*n/a	3% (16)
↘ I have used ecstasy (also called extacy, X, MDMA)	4334	1.7% (62)	2.4% (97)	5% (210)	2.9% (99)	3.7% (91)	1.5% (34)	1.9% (28)	0.6% (10)	1.5% (18)	3% (34)	1.2% (32)	1.9% (10)	3.6% (20)
I have used a hallucinogen (LSD, PCP, shrooms, or acid)	4319	4.4% (162)	3.9% (148)	5.4% (223)	5.5% (174)	5.6% (131)	4% (74)	4.8% (88)	0.9% (15)	3.6% (45)	8.7% (102)	3.5% (98)	5.8% (22)	7.6% (42)
↘ I have used a hallucinogen (LSD, PCP, shrooms, or acid) in the past 30 days	4321	2.2% (79)	1.8% (54)	2.7% (112)	2.7% (87)	2.8% (69)	2% (37)	2.4% (42)	0.5% (8)	2.2% (26)	3.9% (45)	1.8% (46)	3% (10)	3.7% (23)
↘ It would be sort of easy or very easy for me to get a drug like cocaine, LSD, heroin, or methamphetamine	4298	12.4% (464)	10.7% (420)	15% (655)	16.2% (564)	15.4% (351)	12.6% (250)	12.3% (214)	4.1% (69)	13.6% (162)	19.1% (233)	10.9% (303)	20.1% (82)	13.7% (78)
I have never used any of the drugs in the YAS *	4026	58.2% (2440)	65.6% (2839)	n/a	n/a	n/a	57.4% (1274)	59% (1157)	80.1% (1271)	56.1% (707)	38.9% (462)	60.5% (1879)	51% (232)	51.9% (319)

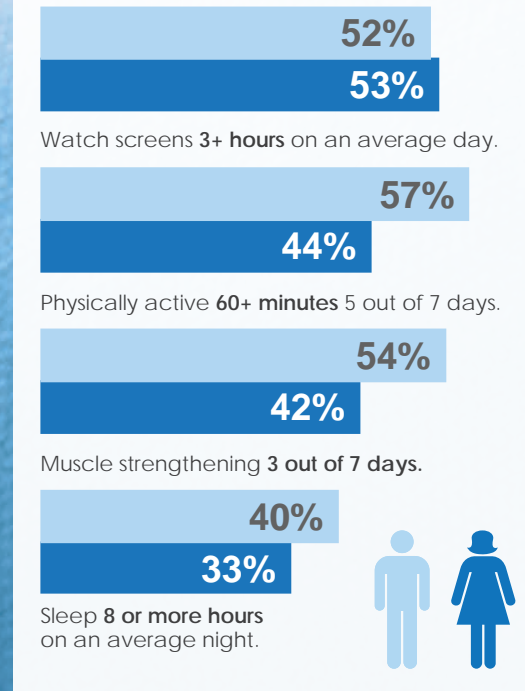
* Added vapor products in 2015.

Nearly **6 in 10** Teens have **NEVER** used any of the drugs listed in the YAS.





	Total N	Total Responses					2017 by Gender		2017 by Grade Level			2017 by Race/Ethnicity		
		2017	2015	2013	2011	2009	F	M	8th	10th	12th	White	Hispanic	Other
 I have been physically active for 60+ minutes per day on five or more of the past seven days	4313	50.2% (2157)	55.3% (2723)	54.3% (2649)	54.3% (1956)	51.6% (1154)	43.8% (951)	57.4% (1199)	55.9% (961)	47.8% (598)	47.2% (598)	54.5% (1710)	35.7% (169)	41.2% (273)
 I have exercised to strengthen or tone muscles on three or more of the past seven days	4314	47.9% (2063)	55.3% (2733)	57.1% (2775)	n/a	n/a	42.3% (910)	54.3% (1146)	49.7% (855)	49.8% (650)	44.1% (558)	50.4% (1585)	40.3% (198)	42.3% (275)
On an average day, I spend three or more hours watching tv, playing video or computer games, or using a computer for something that is not school work	4316	52.5% (2249)	51.1% (2477)	50.8% (2405)	n/a	n/a	52.8% (1169)	52.3% (1074)	48.8% (823)	55.9% (753)	52.3% (673)	50.6% (1605)	55.1% (265)	60.1% (377)
 I eat five or more servings of fruits and vegetables on an average day	4318	26.5% (1150)	32.2% (1637)	32% (1574)	33.1% (1216)	34.4% (775)	24.3% (552)	29% (597)	29.6% (508)	24.6% (317)	25.5% (325)	27.2% (870)	23% (108)	26% (171)
I have 0 cups of fruit on an average day	4323	12.1% (528)	9.8% (466)	10.1% (456)	11.4% (376)	10.9% (249)	11.4% (261)	12.9% (266)	11.1% (190)	11.3% (156)	14% (182)	11.2% (361)	14.2% (72)	14.6% (92)
 I have 0 cups of vegetables on an average day	4324	20.9% (883)	17.6% (848)	18.3% (857)	17.9% (598)	16.4% (370)	19.8% (435)	22.3% (447)	19.8% (335)	21.9% (282)	21% (266)	18.1% (567)	31.8% (152)	25.1% (157)
 I drank a can, bottle, or glass of soda or pop (not including diet) one or more times per day in the past seven days	4317	28.5% (1198)	33.2% (1575)	36.6% (1715)	20.2% (697)	n/a	22.7% (495)	35% (701)	25% (421)	27.4% (361)	33.1% (416)	26.7% (824)	33.6% (163)	33% (208)
 I drank a can, bottle, or glass of soda or pop (not including diet) three or more times per day in the past seven days	4317	6.3% (252)	6.7% (306)	8.3% (387)	7.5% (241)	n/a	4.9% (104)	7.9% (148)	4.8% (81)	5.9% (74)	8.3% (97)	5.3% (158)	8.9% (42)	9% (52)
 I drank a can, bottle, or glass of an energy drink one or more times in the past seven days	4324	17.5% (728)	n/a	n/a	n/a	n/a	13.9% (296)	21.5% (430)	15% (258)	18.3% (238)	19.1% (232)	15.9% (491)	19.9% (91)	23.4% (145)

Teen Boys vs Teen Girls

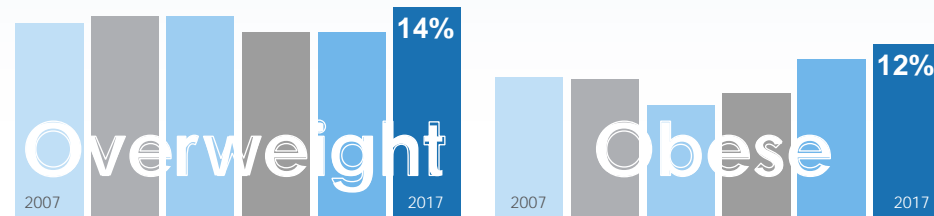


Only **1 in 4**
Eat 5 or more
servings of fruits and
vegetables on an
average day.

	Total N	Total Responses					2017 by Gender		2017 by Grade Level			2017 by Race/Ethnicity		
		2017	2015	2013	2011	2009	F	M	8th	10th	12th	White	Hispanic	Other
 I sometimes, most of the time, or always went hungry in the past 30 days because there was not enough food in my home	4321	12.7% (529)	n/a	n/a	n/a	n/a	12.1% (267)	13.3% (260)	12.2% (203)	12.3% (165)	13.5% (161)	9.6% (309)	17.4% (85)	23.6% (135)
 I get eight or more hours of sleep on an average night	4312	36.5% (1638)	n/a	n/a	n/a	n/a	33.2% (785)	40.3% (851)	55.3% (950)	33% (423)	21.7% (265)	38.3% (1261)	34.7% (171)	29.4% (201)

YAS Body Weight

1 in 4 Teens are ABOVE a healthy weight.



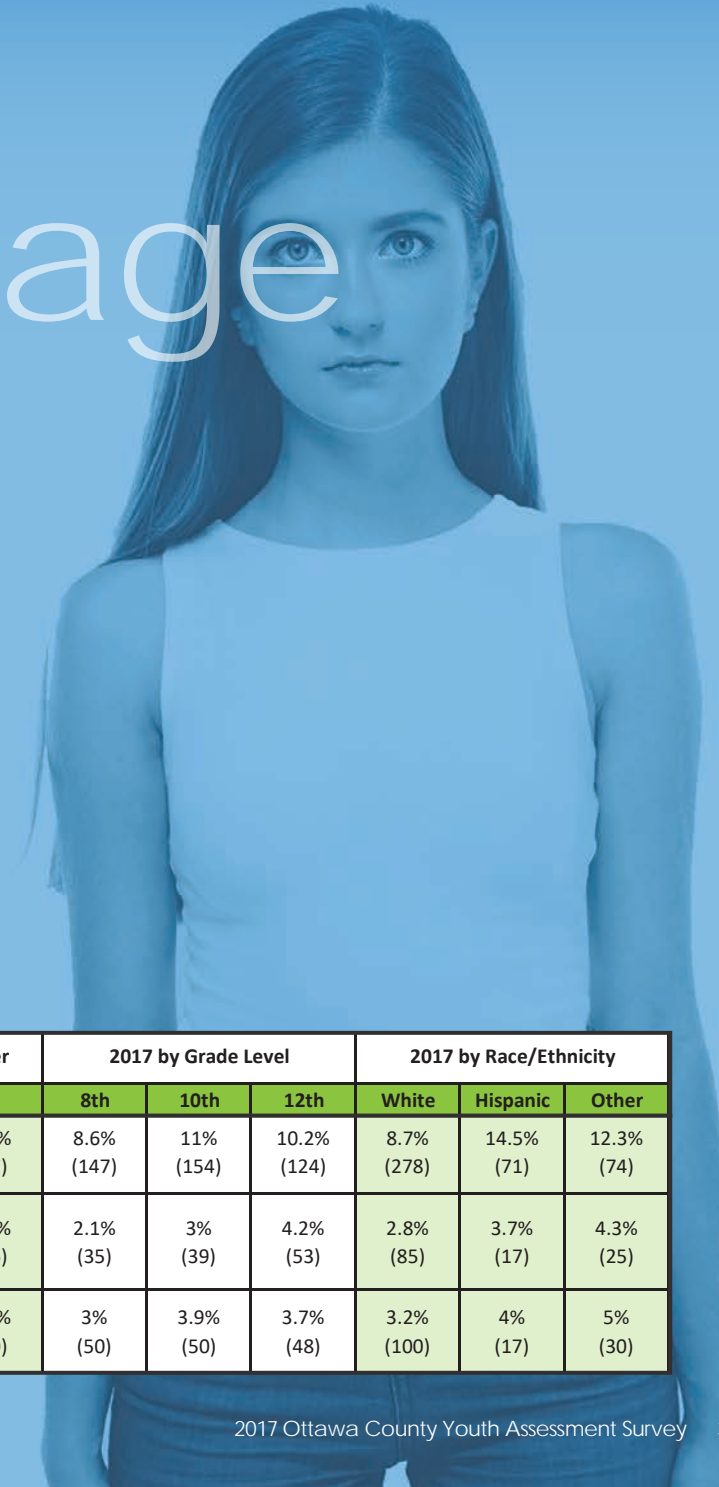
	Total N	Total Responses					2017 by Gender		2017 by Grade Level			2017 by Race/Ethnicity		
		2017	2015	2013	2011	2009	F	M	8th	10th	12th	White	Hispanic	Other
↑ Underweight (less than 5th percentile)	3999	4.1% (170)	4.1% (190)	4.6% (189)	4.3% (130)	3.1% (62)	3% (72)	5.4% (98)	5.3% (79)	3.5% (45)	3.7% (46)	4.4% (134)	2.9% (13)	3.4% (20)
↓ Healthy Weight (5th-84th percentile)	3999	69.8% (2819)	72.4% (3173)	74.3% (3160)	74.3% (2311)	73.8% (1573)	73.5% (1525)	65.7% (1294)	71.8% (1100)	70.1% (871)	67.7% (848)	73.6% (2222)	55.2% (223)	63.1% (371)
Overweight (85th-94th percentile)	3999	14.3% (559)	12.6% (549)	12.6% (538)	13.7% (409)	13.7% (277)	14.9% (299)	13.7% (260)	13.1% (198)	14.3% (181)	15.4% (180)	12.9% (377)	20.6% (89)	16.1% (91)
↑ Obese (95th+ percentile)	3999	11.8% (451)	10.8% (479)	8.5% (364)	7.7% (224)	9.4% (192)	8.7% (182)	15.2% (269)	9.8% (148)	12.1% (151)	13.1% (152)	9.1% (265)	21.4% (89)	17.4% (96)
Overweight or Obese	3999	26.1% (1010)	23.4% (1028)	21% (902)	21.4% (633)	23.1% (469)	23.5% (481)	28.9% (529)	23% (346)	26.4% (332)	28.6% (332)	22% (642)	42% (178)	33.5% (187)
I describe myself as slightly or very overweight	4277	29.6% (1237)	25% (1235)	24.3% (1142)	23.1% (822)	24.9% (560)	32.8% (723)	26% (510)	25.5% (430)	31.1% (413)	32% (394)	26.7% (835)	41.5% (192)	34.1% (207)
↓ I describe myself as about the right weight	4277	53.4% (2309)	56.6% (2711)	58.4% (2814)	61.2% (2153)	59% (1344)	54.7% (1216)	52.1% (1086)	57.2% (977)	51.3% (665)	52% (667)	55.7% (1766)	46.3% (220)	48.3% (316)
I am trying to lose weight *	4292	42.7% (1809)	37.8% (1892)	41.2% (1948)	38.8% (1340)	36.9% (832)	51.6% (1143)	32.7% (661)	39.4% (667)	43.7% (576)	44.8% (566)	39.5% (1244)	57.6% (272)	46.1% (288)
To lose weight or keep from gaining weight, in the past 30 days:														
↑ I exercised	4328	73.4% (3196)	67.1% (3306)	70.3% (3378)	61.5% (2166)	41.8% (936)	72.7% (1632)	74.2% (1553)	77% (1326)	73.3% (974)	70% (896)	73.5% (2372)	74.1% (350)	72.4% (465)
↑ I ate less food, fewer calories, or foods low in fat *	4328	44.5% (1912)	41.2% (2033)	43.2% (2036)	34.5% (1212)	27.1% (630)	52% (1160)	36.1% (746)	42.2% (724)	44.3% (591)	46.8% (597)	43.1% (1372)	51.9% (249)	44.8% (285)

* Linear trend analysis excluded data from 2005.

Body Image

3 in 4 Females are at a healthy weight.

1 in 2 Females are trying to lose weight.








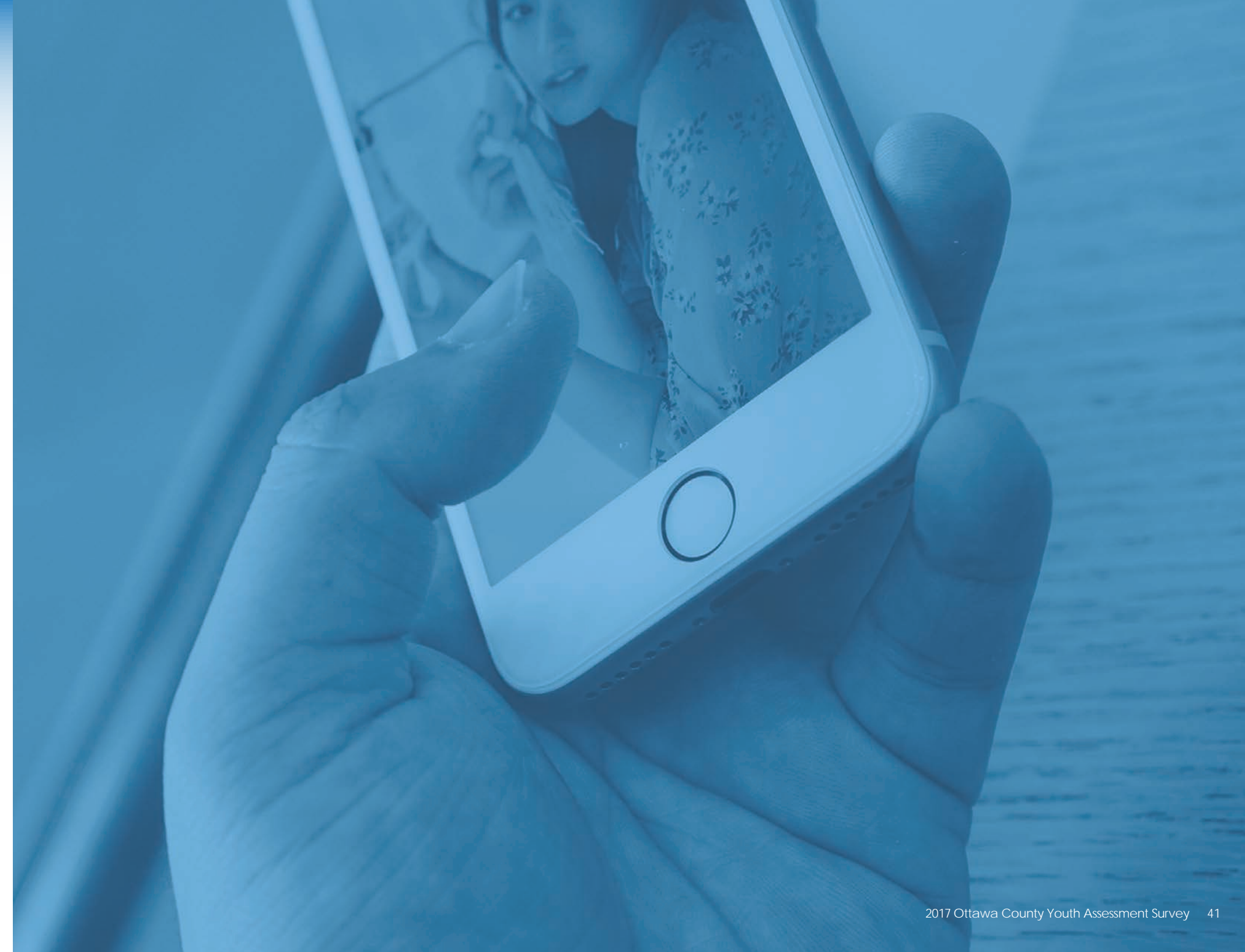
	Total N	Total Responses					2017 by Gender		2017 by Grade Level			2017 by Race/Ethnicity		
		2017	2015	2013	2011	2009	F	M	8th	10th	12th	White	Hispanic	Other
↑ I went without eating for 24 hours or more *	4314	10% (425)	8.8% (428)	9.7% (460)	5.7% (179)	2.6% (57)	14.4% (325)	4.9% (97)	8.6% (147)	11% (154)	10.2% (124)	8.7% (278)	14.5% (71)	12.3% (74)
↑ I took diet pills, powders, or liquids without a doctor's advice *	4324	3.1% (127)	2.7% (110)	4.1% (179)	1.9% (64)	1.1% (25)	4.3% (91)	1.8% (36)	2.1% (35)	3% (39)	4.2% (53)	2.8% (85)	3.7% (17)	4.3% (25)
↑ I vomited or took laxatives *	4327	3.5% (148)	3.1% (124)	3.7% (171)	2.1% (68)	1.5% (31)	4.8% (107)	2.1% (40)	3% (50)	3.9% (50)	3.7% (48)	3.2% (100)	4% (17)	5% (30)

* Linear trend analysis excluded data from 2005.

YAS Sexting

“The YAS is a critical tool for us. We use it during teacher trainings to determine what objectives need to be emphasized when creating health education programs.”
 - Stacey Sills, health and prevention consultant, Ottawa Area Intermediate School District

	Total	Total Responses					2017 by Gender		2017 by Grade Level			2017 by Race/Ethnicity		
	N	2017	2015	2013	2011	2009	F	M	8th	10th	12th	White	Hispanic	Other
 I have engaged in a "sexting" activity in the past 12 months	4334	21.1% (862)	19.3% (817)	21.6% (910)	27.4% (905)	n/a	21.9% (465)	20.3% (396)	8.9% (157)	22.3% (301)	31.7% (404)	21.1% (643)	18.1% (75)	23.2% (141)
 I sent a sexually suggestive message by text, email, instant message, social network, etc. during the past 12 months	4363	16.8% (680)	16% (672)	18.2% (770)	23.8% (780)	n/a	17.7% (370)	15.8% (309)	5.8% (101)	17.8% (241)	26.6% (338)	17.3% (523)	12.3% (48)	17.7% (107)
 I shared a sexually suggestive message that was sent by someone else	4350	6.8% (286)	6.8% (284)	7.9% (325)	9.1% (301)	n/a	7.2% (162)	6.4% (123)	4.1% (74)	8.4% (114)	7.7% (98)	6.3% (195)	7% (32)	9.2% (57)
I sent or posted a naked or semi-naked photo or video of myself by text, email, social profile, website, blog, etc. during the past 12 months	4358	10.4% (430)	8% (352)	8.8% (366)	9.2% (314)	n/a	11.6% (248)	9.1% (182)	3.2% (56)	11.5% (158)	16.2% (216)	11.1% (337)	6.6% (26)	10.1% (66)
 I shared a naked or semi-naked photo or video that was sent by someone else	4355	4.3% (179)	4% (161)	4.8% (195)	9.8% (359)	n/a	3.4% (73)	5.3% (106)	3% (53)	4.4% (57)	5.4% (69)	3.8% (120)	3.6% (18)	6.9% (40)
 I had a revealing photo texted, e-mailed, or posted electronically without my permission	4340	3.5% (137)	n/a	n/a	n/a	n/a	4.7% (93)	2.2% (44)	2% (36)	5.2% (63)	3.1% (38)	3.2% (92)	3% (12)	5.4% (32)



YAS Sexual Behavior

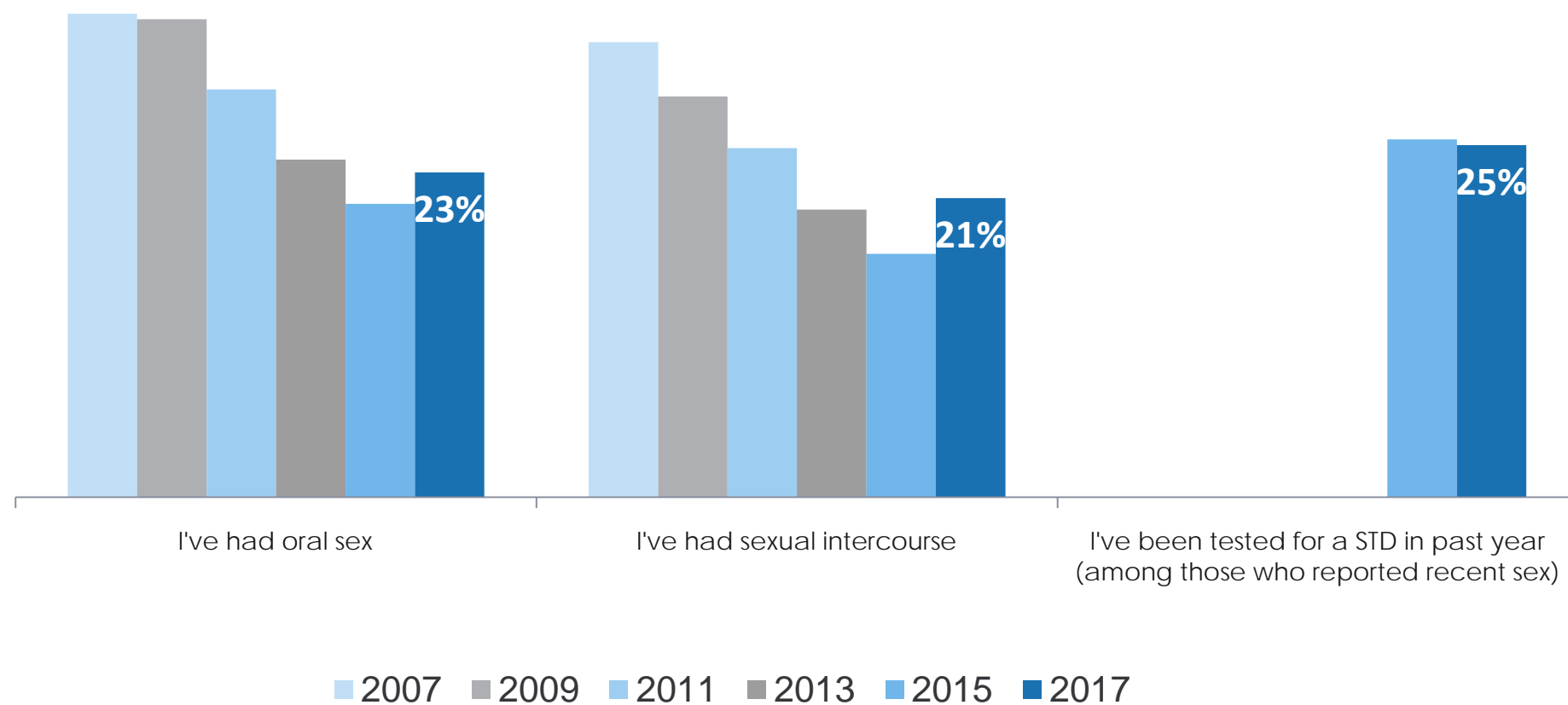
(Among participating schools)

	Total	Total Responses					2017 by Gender		2017 by Grade Level			2017 by Race/Ethnicity		
	N	2017	2015	2013	2011	2009	F	M	8th	10th	12th	White	Hispanic	Other
I strongly agree or agree that there are consequences (physical, emotional, or other) when someone my age has sexual intercourse	2833	71.6% (2073)	78.9% (2436)	77.1% (2074)	73.7% (1107)	n/a	77.7% (1104)	68.3% (961)	81.5% (856)	72.8% (661)	64.2% (556)	73.5% (1445)	73.9% (293)	70.5% (330)
I strongly agree or agree that there are consequences (physical, emotional, or other) when someone my age has oral sex	2833	62% (1775)	69.3% (2147)	66.5% (1821)	62.3% (917)	n/a	66.9% (957)	57.1% (810)	73.2% (771)	60.7% (553)	52% (451)	62.2% (1229)	63.6% (264)	59.9% (278)
Parents or other adults in my family have talked with me about what they expect when it comes to sex.	2828	62.9% (1779)	68.9% (2093)	n/a	n/a	n/a	66.3% (930)	59.5% (842)	53% (556)	65.3% (594)	70.6% (629)	63.7% (1245)	61.1% (247)	61.6% (284)
My parents feel it would not be wrong or only a little bit wrong for me to have sexual intercourse	2843	23.5% (650)	18.9% (561)	17% (383)	19.3% (301)	n/a	18.4% (257)	28.5% (389)	8.5% (95)	23.8% (208)	38.7% (347)	23.2% (453)	24.4% (88)	24.2% (109)
I have had sexual intercourse	2845	20.9% (564)	17% (464)	20.1% (434)	25% (366)	28% (343)	21.7% (285)	20.2% (277)	3.6% (39)	17.9% (153)	42.4% (372)	20.8% (394)	22.3% (81)	20.5% (89)
I had sexual intercourse before age 14	2845	2.7% (79)	2.7% (73)	3.7% (92)	5.4% (71)	5.7% (77)	2.4% (34)	3.1% (45)	2.8% (30)	2.5% (22)	3% (27)	2% (40)	3.2% (14)	5.2% (25)
I have had oral sex	2830	22.7% (617)	20.5% (556)	23.6% (519)	29.3% (442)	33% (395)	22.8% (305)	22.6% (312)	4.4% (44)	19.5% (174)	45.3% (399)	23.6% (450)	21.3% (77)	20.3% (89)
I had oral sex before age 14	2830	3.7% (101)	4.1% (104)	4.9% (116)	6.3% (80)	7.2% (81)	2.9% (40)	4.4% (61)	3.5% (35)	3.5% (31)	4% (35)	3% (58)	3.6% (15)	6.3% (28)
I have had oral sex or sexual intercourse	2812	25.1% (677)	22.3% (592)	25.5% (553)	31.3% (452)	33.8% (447)	26% (343)	24.3% (332)	5.2% (53)	22.6% (197)	48.8% (427)	25.4% (481)	25.6% (92)	23.9% (103)
I had oral sex or sexual intercourse before age 14	2812	4.5% (124)	4.4% (113)	5.6% (135)	6.8% (90)	7.8% (89)	4% (54)	5% (70)	4.3% (44)	4.4% (38)	4.8% (42)	3.4% (65)	5.1% (21)	8.2% (38)

“Young people are continuing to choose abstinence which should be recognized and commended, along with the adults in their lives who are tackling those tough conversations about the importance of healthy sexuality.”
 - Heather Alberda, AASECT Certified Sexuality Educator, Ottawa County Department of Public Health

	Total	Total Responses					2017 by Gender		2017 by Grade Level			2017 by Race/Ethnicity		
	N	2017	2015	2013	2011	2009	F	M	8th	10th	12th	White	Hispanic	Other
I have had sexual intercourse with four or more people during my lifetime	2845	3.1% (86)	4.1% (106)	5.8% (117)	9.2% (123)	8.2% (110)	3.3% (41)	3% (45)	*n/a	1.9% (16)	7.5% (67)	2.7% (54)	4.1% (14)	3.9% (18)
I did not use a condom during the last time I had sexual intercourse (among those who have ever had sexual intercourse)	546	40.2% (213)	38% (173)	41.4% (166)	43.8% (144)	38.6% (148)	44.3% (121)	35.9% (92)	34.2% (13)	36.8% (50)	42.3% (150)	38.6% (143)	42.1% (31)	45% (39)
I have been tested for a sexually transmitted disease in the past 12 months (among those who have ever had sexual intercourse)	595	22.4% (124)	20.5% (112)	n/a	n/a	n/a	26.8% (73)	17.7% (50)	12.5% (6)	18.7% (25)	25.5% (93)	22% (84)	30.5% (23)	16.2% (17)
I have had sexual intercourse with one or more people in the past three months	2845	15.1% (416)	12.5% (339)	15.2% (321)	20.7% (297)	20.9% (267)	16.8% (224)	13.4% (190)	2% (21)	11% (93)	33.4% (302)	15.6% (304)	15.6% (54)	13% (58)
<i>Among those who reported having sexual intercourse in the past three months:</i>														
I drank alcohol or used drugs before the last time I had sexual intercourse	416	17.6% (75)	20.5% (70)	24.7% (71)	30.2% (88)	25.4% (69)	19.5% (42)	14.8% (32)	31.5% (6)	20.4% (19)	15.7% (50)	16% (55)	21.3% (9)	20.8% (11)
I did not use a condom during last sexual intercourse	408	42.9% (166)	40.7% (139)	45% (134)	44.8% (125)	42.7% (145)	47% (99)	38% (67)	33.1% (7)	41.6% (34)	43.9% (125)	41.4% (117)	42.5% (21)	50.5% (28)
I used birth control pills to prevent pregnancy during the last time I had sexual intercourse	410	25.3% (106)	31.6% (103)	25.8% (70)	n/a	n/a	25% (59)	25.5% (46)	*n/a	11.1% (10)	31.6% (95)	29.6% (89)	16.3% (7)	14.2% (10)
No method used to prevent pregnancy during last sexual intercourse	410	8% (32)	8.1% (29)	13.4% (39)	n/a	n/a	9% (19)	6.8% (13)	*n/a	12.8% (12)	5.5% (16)	7.1% (21)	15.1% (8)	*n/a

A positive trend continues among almost all sexual health behaviors



I find students are very interested in where our county stands. They are often shocked by the data, and I believe they are sometimes relieved by it. For example, when they see the numbers and realize NOT every young person is having sex, it makes them realize they are not alone in their choices.

- Jodi Heard, Grand Haven

Area Public Schools



Community • Family • Peer & Individual

- Risk and protective factors are scored using sets of survey questions called scales and are organized by domain (Community, Family and Peer & Individual).
- The scale construction followed guidelines provided by the University of Washington's Social Development Research Group. The 2017 YAS report contains scales for **six risk factors** (Community Disorganization; Perceived Availability of Drugs; Family Conflict; Parental Attitudes Favorable toward Alcohol, Tobacco and Other Drug Use; Poor Family Management; and Low Perceived Risk of Drug Use) and **one protective factor** (Family Opportunities for Pro-Social Involvement).
- Each question within a risk or protective scale had its responses ordered and valued from one to four or from one to five, depending on the number of responses. The values of each student's responses were then summed for each scale and the mean scale value was calculated. If the student's mean was more than the scale mean, then the student's score for a scale was considered **at risk**. If the student's mean was less than or equal to the scale mean, then the student's score was considered **not at risk**.
- The Risk and Protective Factors tables report the percentage of students who scored at risk for each Risk Factor scale or not at risk for the single Protective Factor scale. Percentages were also reported among the subgroups for gender, grade level and race/ethnicity.

Risk Factors are conditions that increase the likelihood of an adolescent becoming involved in drug use, delinquency, school problems or violence.

LOW PERCENTAGES are desirable among risk factors.

Protective Factors are conditions that buffer youth from exposure to risk by either reducing the impact of the risks or changing the way an adolescent responds to risks.

HIGH PERCENTAGES are desirable among protective factors.

Risk Factor YAS survey questions used to calculate each risk or protective factor	Percentage of Students Exhibiting the Risk Factor									
	Survey Year	All Participants	Female	Male	8 th Grade	10 th Grade	12 th Grade	White	Hispanic	Other
Community Disorganization Scale										
How much does each of the following statements describe your neighborhood? <ul style="list-style-type: none"> Q170: I feel safe in my neighborhood Q171: Crime and/or drug selling Q172: Fights Q173: Lots of abandoned buildings Q174: Lots of graffiti 	2017	3.8%	2.9%	4.6%	3.1%	3.8%	4.3%	2.7%	6.2%	5.9%
	2015	3.4%	3.0%	4.0%	3.2%	3.9%	3.2%	2.0%	8.4%	7.6%
	2013	5.0%	4.7%	5.4%	4.5%	6.3%	4.5%	3.8%	10.1%	7.1%
	2011	5.9%	5.5%	6.0%	6.4%	7.2%	3.7%	-	-	-
	2009	5.0%	3.5%	6.7%	3.7%	5.5%	5.6%	-	-	-
	2007	7.2%	6.4%	8.0%	6.0%	9.2%	6.5%	-	-	-
	2005	5.8%	4.7%	8.3%	5.8%	9.0%	4.1%	-	-	-
Perceived Availability of Drugs Scale										
<ul style="list-style-type: none"> Q58: If you wanted to get some cigarettes, how easy would it be for you to get some? Q75: If you wanted to get some alcohol, how easy would it be for you to get some? Q88: If you wanted to get some marijuana, how easy would it be for you to get some? Q110: If you wanted to get a drug like cocaine, LSD, or methamphetamines, how easy would it be for you to get some? 	2017	39.0%	36.3%	39.0%	16.0%	40.1%	59.2%	38.1%	43.0%	39.9%
	2015	35.0%	34.7%	35.2%	13.0%	36.5%	57.3%	32.6%	44.6%	38.5%
	2013	29.6%	28.8%	30.1%	11.1%	37.2%	53.1%	26.5%	40.8%	35.5%
	2011	35.6%	34.0%	37.0%	14.7%	38.6%	55.0%	-	-	-
	2009	35.4%	32.3%	38.7%	9.0%	38.1%	53.8%	-	-	-
	2007	38.3%	39.3%	38.9%	12.5%	45.0%	68.3%	-	-	-
	2005	36.8%	37.2%	39.0%	14.3%	41.2%	58.9%	-	-	-



Risk Factor or Protective Factor YAS survey questions used to calculate each risk or protective factor	Percentage of Students Exhibiting the Risk Factor or Protective Factor									
	Survey Year	All Participants	Female	Male	8 th Grade	10 th Grade	12 th Grade	White	Hispanic	Other
Poor Family Management Scale										
• Q161: My parents ask if I've gotten my homework done	2017	9.1%	8.5%	9.9%	3.9%	9.0%	14.3%	8.4%	9.4%	12.7%
• Q162: My parents want me to call if I am going to be late getting home	2015	8.5%	7.9%	9.1%	4.3%	7.6%	14.2%	7.8%	10.7%	11.1%
• Q163: When I am not at home, one of my parents knows where I am and who I am with	2013	9.4%	8.5%	10.5%	5.2%	11.0%	15.3%	8.1%	14.4%	12.3%
• Q164: The rules in my family are clear	2011	6.4%	5.2%	7.4%	4.0%	7.0%	8.0%	-	-	-
• Q165: My family has clear rules about alcohol and drug abuse	2009	6.6%	4.8%	8.6%	3.6%	8.3%	7.7%	-	-	-
• Q166: Would your parents know if you did not come home on time?	2007	6.8%	6.6%	8.1%	3.8%	7.0%	12.9%	-	-	-
	2005	5.4%	4.3%	7.2%	2.3%	7.1%	7.6%	-	-	-
Family Opportunities for Pro-Social Involvement Scale										
• Q167: My parents give me lots of chances to do fun things with them	2017	77.2%	75.0%	80.7%	80.1%	76.7%	74.2%	79.7%	71.5%	69.5%
• Q168: My parents ask me what I think before most family decisions affecting me are made	2015	75.8%	73.7%	78.1%	82.9%	74.0%	70.1%	78.2%	68.5%	68.0%
• Q169: If I had a personal problem, I could as my mom or dad for help	2013	74.5%	72.1%	76.9%	80.9%	69.0%	69.9%	77.6%	63.8%	68.6%
	2011	75.0%	74.0%	75.9%	79.6%	71.3%	74.9%	-	-	-
	2009	73.2%	73.3%	77.3%	80.8%	74.0%	73.0%	-	-	-
	2007	67.9%	70.9%	76.1%	79.6%	71.8%	67.3%	-	-	-
	2005	67.3%	74.0%	74.8%	80.3%	69.9%	73.6%	-	-	-

Risk Factor YAS survey questions used to calculate each risk or protective factor	Percentage of Students Exhibiting the Risk Factor									
	Survey Year	All Participants	Female	Male	8 th Grade	10 th Grade	12 th Grade	White	Hispanic	Other
Family Conflict Scale										
• Q158: People in my family often insult or yell at each other	2017	30.5%	34.2%	26.2%	25.8%	31.7%	33.7%	28.2%	32.8%	39.3%
• Q159: We argue about the same things in my family over and over again	2015	29.0%	35.0%	22.9%	22.3%	31.8%	33.5%	26.5%	37.3%	36.8%
• Q160: People in my family have serious arguments	2013	28.1%	33.4%	22.7%	22.7%	34.2%	30.1%	26.3%	32.1%	34.1%
	2011	29.8%	33.9%	25.2%	28.0%	31.6%	29.5%	-	-	-
	2009	27.0%	30.9%	24.5%	22.3%	30.9%	28.1%	-	-	-
	2007	33.4%	39.4%	33.1%	32.3%	37.9%	38.2%	-	-	-
	2005	-	-	-	-	-	-	-	-	-
Parental Attitudes Favorable Toward Alcohol, Tobacco & Other Drug Use Scale										
• Q119: How wrong do your parents feel it would be for you to smoke cigarettes?	2017	6.7%	6.4%	7.1%	3.0%	6.3%	10.7%	6.3%	6.7%	8.3%
• Q120: How wrong do your parents feel it would be for you to drink beer, wine or hard liquor regularly?	2015	5.3%	4.1%	6.5%	1.7%	5.4%	9.2%	4.8%	6.5%	7.5%
• Q122: How wrong do your parents feel it would be for you to smoke marijuana?	2013	5.9%	5.1%	6.7%	2.0%	7.3%	11.1%	5.3%	6.3%	8.5%
	2011	10.9%	5.6%	9.2%	3.3%	7.7%	11.6%	-	-	-
	2009	7.2%	5.4%	9.1%	2.2%	7.3%	11.2%	-	-	-
	2007	6.9%	5.2%	9.1%	2.4%	7.7%	13.2%	-	-	-
	2005	-	-	-	-	-	-	-	-	-

School Participation & Survey Administration

- The YAS was designed as a self-administered anonymous questionnaire for students in grades 8, 10 and 12 in Ottawa County schools.
- The YAS was a paper fillable form in 2005, 2007 and 2009. In 2011, the YAS Committee piloted an optional online questionnaire to reduce printing costs and student classroom time. Based on survey results and school feedback from 2011, the YAS Committee converted to a fully online survey system in 2013.
- The YAS Committee invited all school systems with one or more of the eligible grade levels to participate in the 2017 YAS. Eleven school systems participated; representing public schools, non-traditional high schools and public charter schools.
- Working with each participating school, the YAS Committee assigned each school system a one-week window to administer the online survey to one or more classrooms of students; either in a teacher-supervised classroom or computer lab setting.
- Schools were asked to administer the survey in a way that ensured every student had an equal chance of taking the survey, such as in a required course for each respective grade level. From October through mid-November 2017, a total of 4,376 students voluntarily completed the online questionnaire.

Survey Questionnaire

- The core questions of the 2017 survey were adapted from the national Youth Risk Behavior Survey (YRBS), a national school-based survey conducted by the Centers for Disease Control and Prevention.
- Additional items in the questionnaire were selected from the validated Communities That Care survey instrument (developed by the University of Washington).
- In limited instances, questions were altered or developed by the YAS Committee for more appropriate application to Ottawa County students or in response to feedback from the community.
- The survey procedures were designed to protect students' privacy by allowing anonymous and voluntary participation. Students were informed they could decline the online survey and they were also instructed to skip questions which they preferred not to answer. No student identifying information was collected in any part of the survey process.
- Appendix A (only available online) contains the Frequency Tables, which consist of the survey questions and response options. www.miOttawa.org/2017YAS

Risk Factor YAS survey questions used to calculate each risk or protective factor	Percentage of Students Exhibiting the Risk Factor									
	Survey Year	All Participants	Female	Male	8 th Grade	10 th Grade	12 th Grade	White	Hispanic	Other
Low Perceived Risk of Drug Use Scale										
How much do you think people risk harming themselves (physically or in other ways) if they:	2017	26.9%	22.5%	31.9%	21.9%	26.9%	31.7%	23.6%	37.7%	34.2%
• Q113 Try marijuana once or twice?*	2015	-	-	-	-	-	-	-	-	-
• Q115 Smoke marijuana once or twice a week?	2013	-	-	-	-	-	-	-	-	-
• Q116 Have one or two alcoholic drinks nearly every day?	2011	-	-	-	-	-	-	-	-	-
• Q117 Smoke one or more packs of cigarettes per day?	2009	-	-	-	-	-	-	-	-	-
	2007	-	-	-	-	-	-	-	-	-
	2005	-	-	-	-	-	-	-	-	-

*The wording of question Q113 was changed in 2017 to one or twice a week from regularly and is no longer comparable to prior years or to state and national figures for the Low Perceived Risk of Drug Use scale.
http://www.sdr.org/ctcresource/risk_and_protective_factor_scale.pdf

Preparing the Data

- SAS 9.4 statistical software was used to prepare and analyze the raw data from student responses.
- The 2017 YAS data were cleaned and edited for response ranges, height/weight plausibility and logical consistency in accordance with YRBS criteria contained in the 2015 YRBS Methodology Guide.
- Use caution when comparing the 2017 report with previous years. As new questions and behaviors are added, some questions do not remain comparable. In the 2017 report, past years are set to n/a even though this value may have been reported in the past (e.g., “I did not participate in any of these community activities in the past 12 months”). The adaptation of “church group” activity to “faith-based” activity changed the potential results for this question. Therefore, past survey results may not be comparable. Always consult the 2017 report for the most accurate comparisons and statistics for each survey year.

- Student weight status categories (table below) were assigned based on each student’s self-reported height, weight, age and gender. Since all students were 20 years of age or younger, weight categories were determined based on a teen’s percentile rank according to the Centers for Disease Control and Prevention’s Pediatric Clinical Growth Charts for males and females.

Weight Status Category	Percentile Range
Underweight	Less than the 5 th percentile
Healthy Weight	5 th to less than the 85 th percentile
Overweight	85 th to less than the 95 th percentile
Obese	95 th percentile or more

The Results

- New variables were constructed based on methods used in the 2015 YRBS Data User’s Guide.
- From 182 original survey questions, 209 dichotomous yes/ no research measures or variables were created for this report. For example, survey question 7 is:

During the past 30 days, how many times did you ride in a car or other vehicle driven by someone who had been drinking alcohol?

- NO — 0. 0 times
- YES { 1. 1 time
2. 2 or 3 times
3. 4 or 5 times
4. 6 or more times

From this question, one research measure or variable is reported: “I rode in a vehicle driven by someone who had been drinking alcohol during the past 30 days”. If the student response was anywhere from 1 time to 6 or more times, then those responses are all recoded as a yes. If the student response was 0 times, then those responses are recoded as a no.

- The analysis for this report is primarily descriptive and involves the computation of percentages and counts for the yes responses to each variable.
- Among the 8th, 10th and 12th grades in the participating schools, 32% of the students are 8th graders. Due to differences in classroom size and other factors beyond the control of the YAS Committee, the final YAS dataset contained 40% of its responses from 8th graders. To increase the representativeness of the results, student response data was weighted using post-stratification weights based on the published number of students in each grade of each participating Ottawa County school. If only unweighted results were reported, the 2017 YAS report would be biased toward typical 8th-grade behavior. Weighting takes this into consideration. In this report, weighted percentages are reported for every variable for the most accurate picture.
- In past years, if the question did not exist or is no longer comparable due to changes in wording, the data cell contains n/a.
- Some questions asked in past reports are no longer included in the 2017 YAS. To view 2005, 2007, 2009, 2011, 2013 or 2015 YAS reports, visit www.miOttawa.org/HealthData and select a report in the Ottawa County Youth Assessment Surveys section.

Considerations Regarding the Data

- Several issues are critical to consider when interpreting the results of the Ottawa County YAS.
- Use caution when comparing results between subgroups (such as Hispanic, White or Other) when the number of responding students is small or the outcome or behavior is relatively rare. This is because the amount of error in a measurement grows as the number of respondents gets smaller. Where a question has fewer than five respondents reporting the behavior, the results are suppressed and replaced with n/a to protect student identity and statistical validity.
- School personnel administered the survey to students during class time in required subjects in each target grade until they met or exceeded the number specified by the YAS Committee. Since schools volunteered to participate in the survey and classroom selection was not controlled by the YAS Committee, the students completing the survey cannot be said to have been randomly selected. This introduces the potential that sampling bias could affect the results.
- With any survey, the issue of response bias could be a factor in the results. This would occur when students respond more in-line with what they believe the researchers want to see in comparison to their actual belief. Because there are sensitive issues throughout the YAS, response bias could have influenced students responses to be more favorable.
- It is the opinion of the YAS Committee that the results of this report are reasonably reliable. Since the number of students completing the survey is large (about 40% of all non-home-schooled 8th, 10th and 12th graders) and maintains a good geographic representation of the county, it is reasonable to assume the data constitutes a representative sample of Ottawa County 8th, 10th and 12th graders. Students who were absent or received their education at home at the time the YAS was given are not represented in the results.
- The Ottawa County YAS sampled 8th, 10th and 12th graders; whereas the equivalent questions from the national and state YRBS are administered to 9th, 10th, 11th and 12th graders. Also, the YAS method for selecting a sample of students to take the survey is different than YRBS sampling methods. Therefore, YAS results cannot be directly compared to state and national YRBS results.
- When comparing YAS results between 2005, 2007, 2009, 2011, 2013, 2015 and 2017 survey years, please be aware the students surveyed were not from identical districts each year. With each YAS administration, every effort was made to encourage all districts to participate. The survey conducted in 2017 provides a large sample of 8th, 10th and 12th graders in Ottawa County.
- It is possible the change of the questionnaire format from paper to online could introduce an unknown element that impacts how students answer the YAS questions. Keep this in mind when comparing 2017, 2015, 2013 and 2011 results to previous years.

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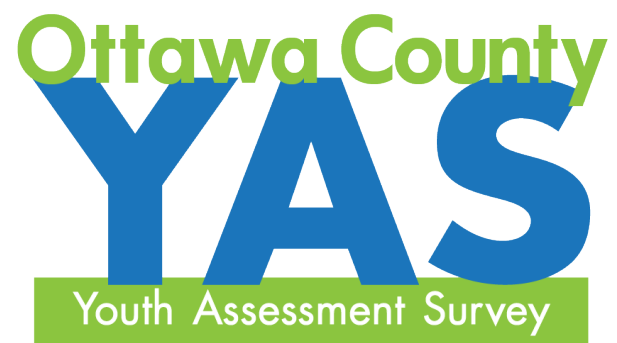
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Report design by Kristina Wieghmink, M.Ed., communications specialist
Ottawa County Department of Public Health

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