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EXECUTIVE SUMMARY

A. Introduction and Overview of the Data

The Youth Risk Behavior Survey (YRBS) was developed by the Division of Adolescent and School Health (DASH), a part of the Centers for Disease Control and Prevention (CDC). The YRBS currently tracks health risk behaviors among 6th through 12th graders every odd numbered years. In Florida, the YRBS became part of the Florida Youth Survey, which is jointly administered by the Florida Departments of Health and Education. Six Florida counties, including Broward, have been funded by the CDC to collect county-level data.

The Florida Department of Health has summarized the results from the YRBS in terms of three categories (each with three subcategories) of priority health-risk behaviors¹. Accordingly, the current report adopted the same indicators for summarizing the YRBS findings for Broward County Public Schools youth as follows:

- Behavioral Health: Sexual behaviors, self-harm, and substance abuse
- <u>Unintentional Injury and Violence</u>: Vehicle safety, bullying, and other violence.
- Healthy Weight: Weight management, nutrition, and physical activity

B. Organization of This Report

The substantive findings are reported in three chapters. In Chapter 1, the priority health-risk behavior results from the 2019 administration of the YRBS are reported for both middle and high school students. In Chapter 2, percentages are reported from the 2013, 2015, 2017, and 2019 years of administration of the YRBS separated by middle and high school students. In Chapter 3, a summary of changes in health risk behaviors between 2017 and 2019 is provided. In Chapter 4, results for sexual minority high school students are summarized. More detailed presentation of results and analysis of the trends in performance for sexual minorities are included in Chapter 5.



¹ http://www.floridahealth.gov/statistics-and-data/survey-data/florida-youth-survey/youth-riskbehavior-survey/index.html

METHODOLOGY

The current report was based on results provided by the Centers for Disease Control YRBS Trend Analysis Reports for both middle and high school students (CDC, 2019). The Youth Risk Behavior Survey (YRBS) is administered as a school-based anonymous survey. The survey is given to students in grades 6 through 12, and results are reported separately for middle and high school students.

All findings are reported in terms of weighted percentages. For demographic information, the weighted percentage of students in each sample are provided separated by gender or race or grade of the students. For each survey item, results are also reported as weighted percentages of students that respond to each response alternative on the survey. The reported percentages are weighted so that the true percentage of students in the Broward County Public School District are best reflected by the results. As a result of this weighting, the percentages do not always add up to 100%.

In the current document, the 2019 findings are compared with figures for 2017. These comparisons are reported in the more detailed analysis of the trends in health risk behaviors pages in chapter 2. Statistical comparisons between the 2019 and 2017 findings were made to determine if these differences were significant using a chi-square test. A statistically significant result means that the observed differences are not due to random fluctuations in the data; therefore, these differences are likely to be due to real differences in percentages. Statistically significant differences help to ensure that observed year-to-year changes in percentages are not due to chance. All comparisons that were statistically significant are noted as such.



COMPOSITION OF MIDDLE SCHOOL SAMPLE

Demographics of Broward County Middle School YRBS Respondents: Weighted Percent (%) and Count (#)

	20	13	20	15	20	17	2019	
Demographic Characteristics	%	#	%	#	%	#	%	#
Gender								
Male	51.5	720	51.4	745	51.7	748	52.3	660
Female	48.5	770	48.6	759	48.3	698	47.7	762
Total	100.0	1,490	100.0	1,504*	100.0	1,446	100.0	1,422
Race								
Black	40.1	451	40.2	514	39.6	573	39.9	453
Hispanic/Latino	28.0	541	28.9	520	15.5	224	32.9	520
White	25.2	314	23.5	248	35.9	519	20.9	267
Other races	3.9	88	3.7	91	5.1	74	3.9	84
Multiple races	2.7	61	3.6	79	3.9	56	2.4	56
Total	99.7	1,455	100.0	1,452	100	1,446	100	1,380
Grade								
9th	32.4	433	31.5	409	33.4	483	32.8	567
10th	33.3	535	33.3	423	33.0	477	33.8	492
11th	34.0	511	34.8	655	33.1	479	33.4	364
12th	N/A	N/A	0.5	7	0.5	7	0	5
Ungraded or other grade	99.6	1,479	100.0**	1,494	100.0	1,446	100.0	1,423
Total	1,4	96	1,5	511	1,446	I	1,4	28

^{*}The total number of survey respondents will vary because not every student provided an answer to each of the demographic questions.



^{**}Percentages are weighted and rounded; therefore, all totals will not equal 100.

COMPOSITION OF HIGH SCHOOL SAMPLE

Demographics of Broward County High School YRBS Respondents: Weighted Percent (%) and Count (#)

	20	13	20)15	20	17	2019	
Demographic Characteristics	%	#	%	#	%	#	%	#
Gender								
Male	50.7	661	51.3	706	50.1	470	50.2	485
Female	49.3	772	48.7	698	49.9	468	49.8	683
Total	100.0	1,433	100.0	1,413	100	938	100	1168
Race								
Black	37.7	458	38.2	471	39.3	369	39.3	396
Hispanic/Latino	28.7	530	29.2	491	11.6	109	32.6	461
White	27.2	294	26.0	283	40.5	380	21.0	186
Other races	4.2	81	4.4	89	4.9	46	4.8	65
Multiple races	2.2	43	2.3	48	3.7	35	2.3	38
Total	100.0	1,406	100.0	1,382	100.0	939	100	1146
Grade								
9th	25.7	385	26	444	26.1	245	26.3	190
10th	26.4	341	25	299	26.3	247	25.5	298
11th	23.7	316	24.5	352	24.8	233	24.0	330
12th	23.6	383	24.2	289	22.7	213	24.0	349
Ungraded or other grade	N/A	N/A	0.3	5	0.1	1	0.2	11
Total	99.4	1,425	100.0	1,389	100.0	939	100.0	1170
Total	1,4	43	1,4	413	9:	38	117	8

^{*}The total number of survey respondents will vary because not every student provided an answer to each of the demographic questions.



^{**}Percentages are weighted and rounded; therefore, all totals will not equal 100.

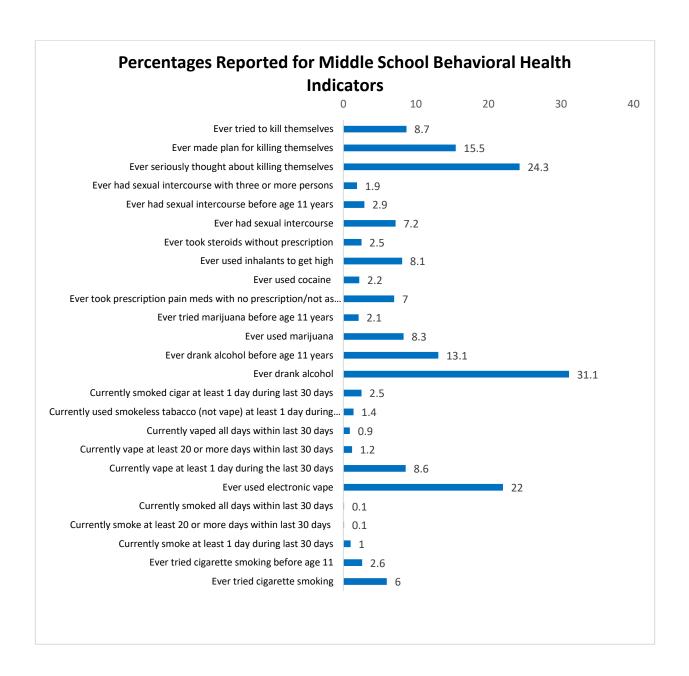


CHAPTER 1: MIDDLE SCHOOL FINDINGS FOR 2019



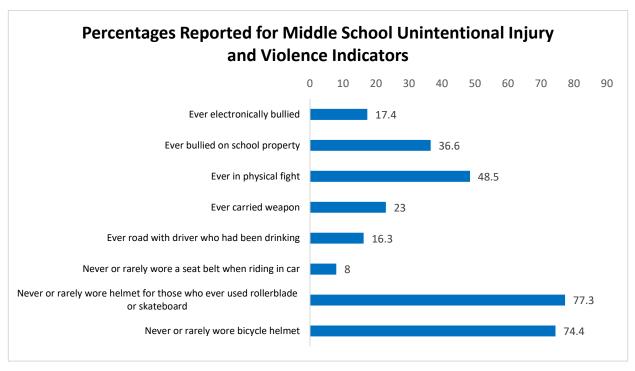
CHAPTER 1: MIDDLE SCHOOL FINDINGS FOR 2019

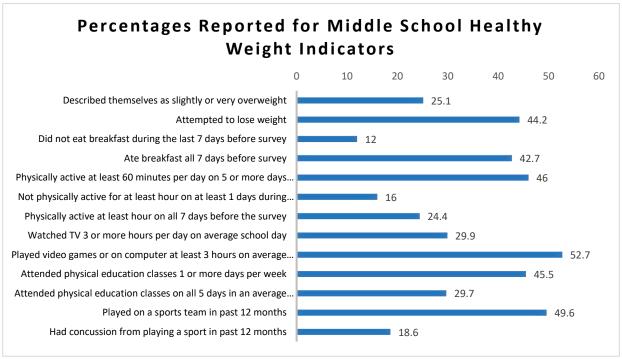
Data were collected from 1,428 randomly selected middle school students enrolled in one of the 42 District's regular public middle schools.





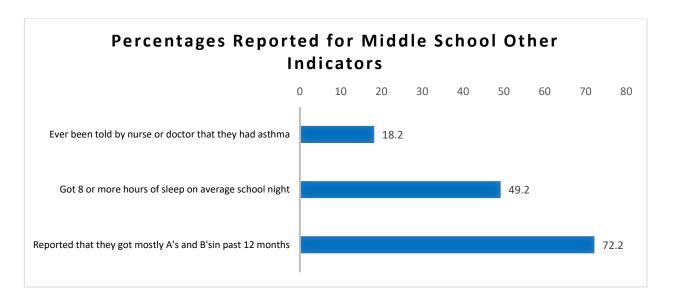
CHAPTER 1: MIDDLE SCHOOL FINDINGS FOR 2019

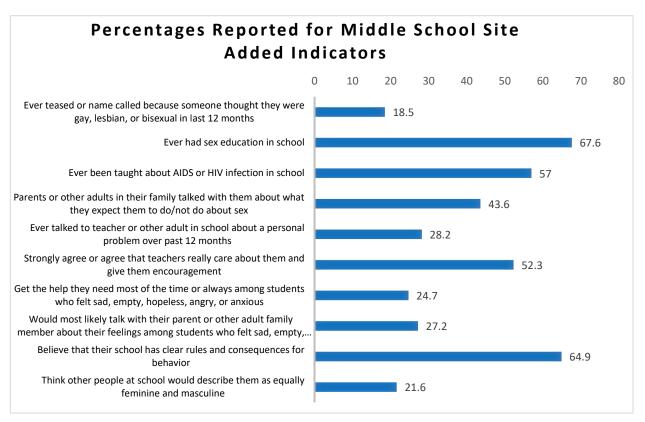




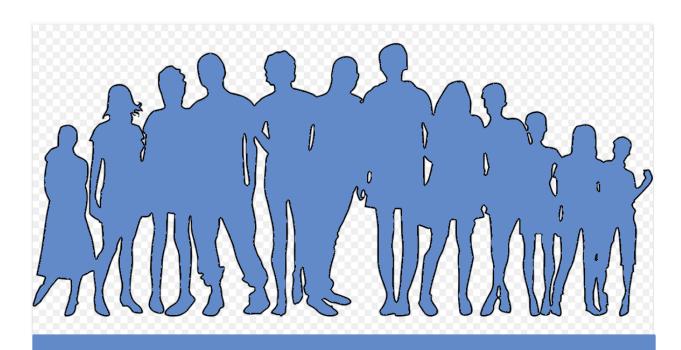


CHAPTER 1: MIDDLE SCHOOL FINDINGS FOR 2019



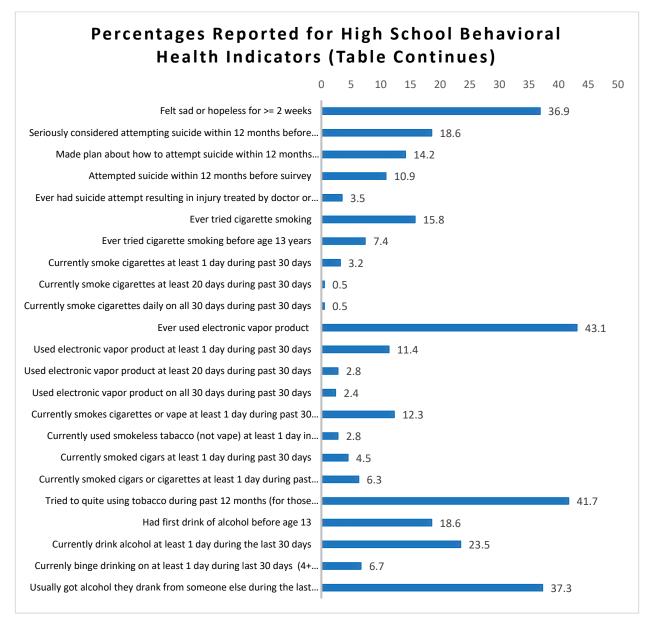




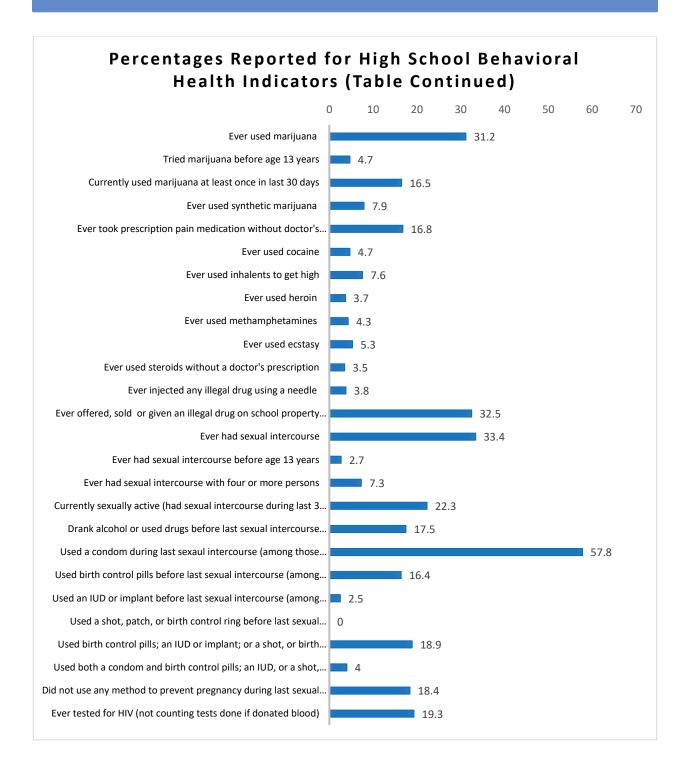




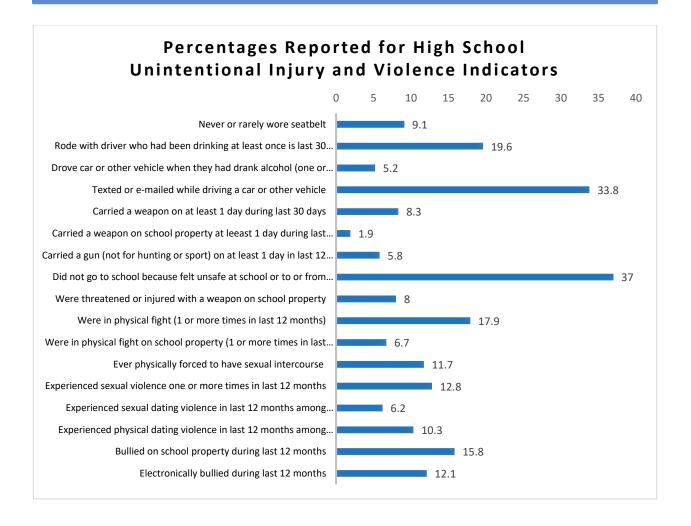
Data were collected from 1,178 randomly selected high school students across 31 district regular public high schools.



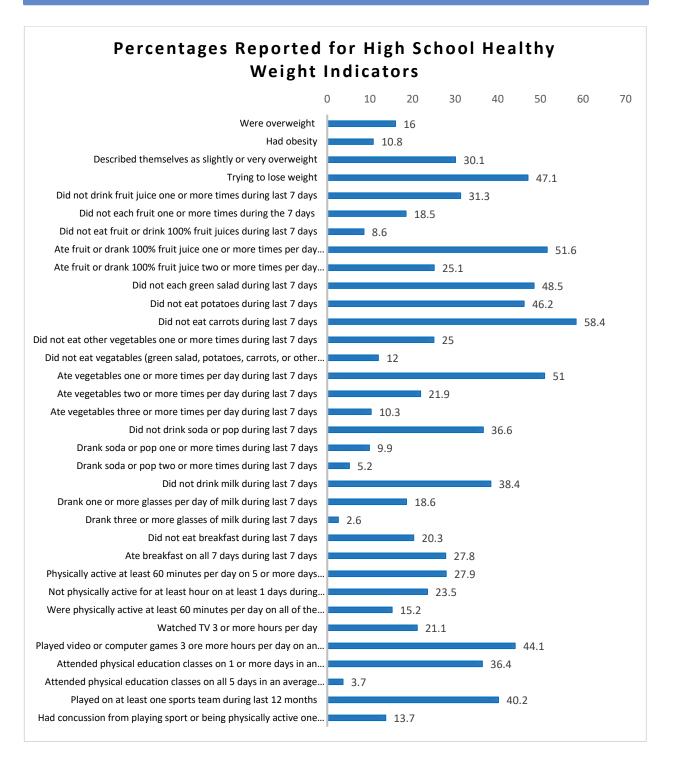




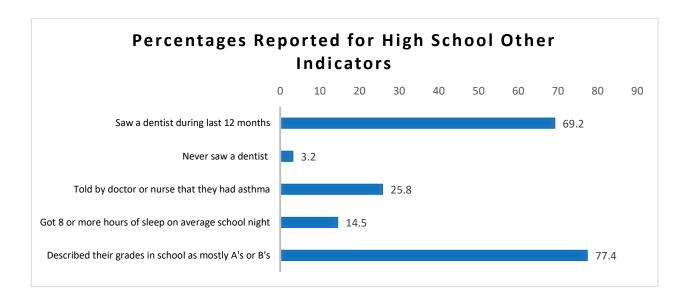


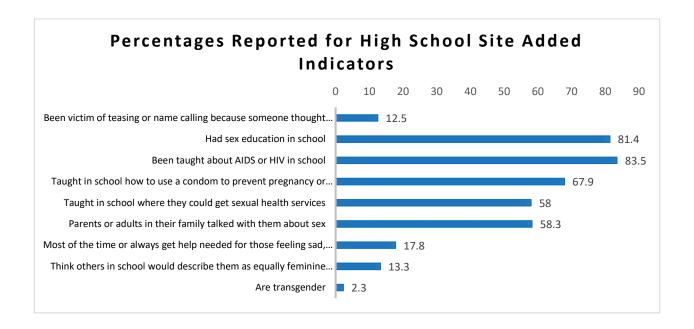
















CHAPTER 2: MIDDLE SCHOOL FINDINGS 2013, 2015, 2017, and 2019



Behavioral Health was measured in the YRBS for middle school students with questions pertaining to the following focus areas: Sexual Behaviors, Self-Harm, and Substance Abuse.

SEXUAL BEHAVIORS

Percentage of Middle School Students Who	2013	2015	2017	2019	Positive Change 2017-2019
Ever had sexual intercourse with three or more persons	3.5	2.6	3.3	1.9	√ 1
Ever had sexual intercourse before age 11	5.1	2.6	3.3	2.9	√
Ever had sexual intercourse	12.0	8.2	8.3	7.2	√

SELF-HARM

Percentage of Middle School Students Who	2013	2015	2017	2019	Positive Change
					2017-2019
Ever tried to kill themselves	7.1	7.6	8.2	8.7	
Ever made plan for killing themselves	12.2	13.4	16.2	15.5	√
Ever seriously thought about killing themselves	20.4	19.4	23.3	24.3	

¹ Statistically significant change from 2017 to 2019.



Percentage of Middle School Students Who	2013	2015	2017	2019	Positive Change 2017-2019
Ever took steroids without a prescription	3.8	4.7	3.7	2.5	√
Ever used inhalants to get high	10.2	9.6	9.3	8.1	√
Ever used cocaine	3.4	2.7	2.3	2.2	√
Ever took prescription pain meds with no prescription/or not as prescribed			6.1	7.0	
Ever tried marijuana before age 11 years	3.7	2.6	2.4	2.1	√
Ever used marijuana	10.0	7.8	8.2	8.3	
Ever drank alcohol (other than a few sips) before age 11 years	12.0	9.7	14.0	13.1	√
Ever drank alcohol	29.5	24.5	31.9	31.1	√
Currently smoked cigar at least 1 day during the last 30 days	3.2	2.3	1.7	2.5	
Currently used smokeless tobacco (not vape) at least 1 day during the last 30 days			2.0	1.4	√
Vaped all 30 days within last 30 days		0.7	0.4	0.9	
Vaped at least 20 or more days within last 30 days		0.8	0.5	1.2	



Percentage of Middle School Students Who	2013	2015	2017	2019	Positive Change 2017- 2019
Vaped at least 1 day during the last 30 days		9.6	6.1	8.6	
Ever used electronic vape		24.9	18.8	22.0	
Smoked all 30 days within last 30 days	0.4	0.2	0.4	0.1	√
Smoked at least 20 or more days within the last 30 days	0.4	0.2	0.4	0.1	√
Smoked at least 1 day during last 30 days	1.7	0.8	0.8	1.0	
Ever tried cigarette smoking before age 11			2.8	2.6	√
Ever tried cigarette smoking	10.0	9.0	6.4	6.0	√



CHAPTER 2: MIDDLE SCHOOL UNINTENTIONAL INJURY AND VIOLENCE INDICATORS

Unintentional Injury and Violence was measured in the YRBS for middle school students with questions pertaining to the following focus areas: Vehicle Safety, Bullying, Other Violence.

VEHICLE SAFETY

Percentage of Middle School Students Who	2013	2015	2017	2019	Positive Change
					2017-2019
Ever rode with a driver who had been drinking alcohol (in a car)	17.6	14.2	18.2	16.3	√
Never or rarely wore a seat belt (when riding in a car)	7.7	8.6	7.4	8.0	
Never or rarely wore a helmet for those who rollerblade or skateboard	77.0	82.6	80.5	77.3	√1
Never or rarely wore a bicycle helmet for those who ride a bicycle	73.0	72.6	70.5	74.4	

¹ Statistically significant change from 2017 to 2019.



CHAPTER 2: MIDDLE SCHOOL UNINTENTIONAL INJURY AND VIOLENCE INDICATORS

BULLYING

Percentage of Middle School Students Who	2013	2015	2017	2019	Positive
					Change
					2017-2019
Percentage of students who were electronically bullied (including being bullied through e-mail, chat rooms, instant messaging, websites, or texting)	12.8	14.5	18.7	17.4	✓
Percentage of students who were bullied on school property	35.7	33.5	37.8	36.6	√

OTHER VIOLENCE

Percentage of Middle School Students Who	2013	2015	2017	2019	Positive Change 2017-2019
Percentage of students who ever were in a physical fight	48.8	47.4	45.6	48.5	
Percentage of students who ever carried a weapon (such as a gun, knife, or club)	17.9	19.2	21.1	23.0	



CHAPTER 2: MIDDLE SCHOOL HEALTHY WEIGHT INDICATORS

Healthy Weight was measured in the YRBS for middle school students with questions pertaining to the following focus areas: Weight Management, Nutrition, and Physical Activity.

WEIGHT MANAGEMENT

Percentage of Middle School Students Who	2013	2015	2017	2019	Positive Change 2017-2019
Described themselves as overweight	27.0	24.7	24.4	25.1	
Attempted to lose weight	44.6	42.2	43.2	44.2	√

NUTRITION

Percentage of Middle School Students Who	2013	2015	2017	2019	Positive Change 2017-2019
Did not eat breakfast during the last 7 days before the survey	9.0	11.1	10.8	12.0	
Ate breakfast on all 7 days (during the 7 days before the survey)	51.4	48.8	49.8	42.7	



CHAPTER 2: MIDDLE SCHOOL HEALTHY WEIGHT INDICATORS

PHYSICAL ACTIVITY

Percentage of Middle School Students Who	2013	2015	2017	2019	Positive Change 2017-2019
Physically active at least 60 minutes per day on 5 or more days during last 7 days	54.7	48.4	50.1	46.0	
Not physically active for at least hour on at least 1 days during past 7 days	14.1	18.2	14.9	16.0	
Physically active at least hour on all 7 days during the 7 days before the survey	33.4	28.1	30.4	24.4	
Watched TV 3 or more hours per day on average school day	41.1	31.7	31.5	29.9	√
Played video games or on computer 3 or more hours per day on average school day	43.7	43.9	51.4	52.7	
Attended physical education classes 1 or more days per week	48.5	47.8	45.6	45.5	
Attended physical education classes on all 5 days in an average week when at school	37.8	37.7	35.3	29.7	
Played on a sports team in past 12 months	53.8	52.7	55.4	49.6	
Had concussion from playing a sport in past 12 months			17.7	18.6	



CHAPTER 2: MIDDLE SCHOOL OTHER AND SITE ADDED BEHAVIORS

OTHER

Percentage of Middle School Students Who	2013	2015	2017	2019	Positive Change 2017-2019
Ever been told by nurse or doctor that they had asthma	21.3	19.3	17.9	18.2	
Got 8 or more hours of sleep on average school night		48.0	48.5	49.2	√
Reported that they got mostly A's and B's in past 12 months		72.9	76.2	72.2	

Site Added

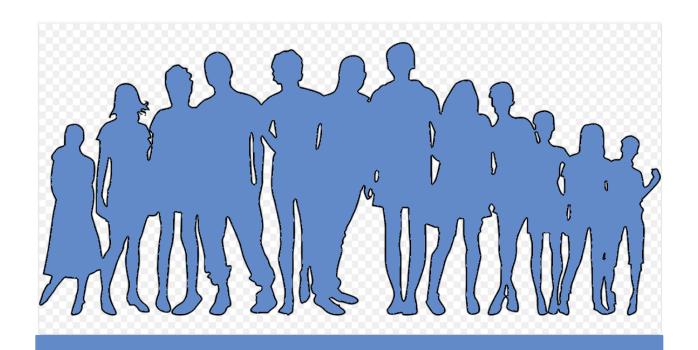
Percentage of Middle School Students Who	2013	2015	2017	2019	Positive Change 2017-2019
Ever been teased or name called because someone thought they were gay, lesbian, or bisexual in last 12 months	13.3	14.3	16.3	18.5	
Ever had sex education in school			73.0	67.6	
Ever been taught about AIDS or HIV infection in school	71.0	71.7	64.7	57.0	
Parents or other adults in their family talked with them about what they expect them to do/not do about sex			45.5	43.6	
Ever talked to teacher or other adult in school about a personal problem over past 12 months			27.7	28.2	√



CHAPTER 2: MIDDLE SCHOOL OTHER AND SITE ADDED BEHAVIORS

Percentage of Middle School Students Who	2013	2015	2017	2019	Positive Change 2017-2019
Strongly agree or agree that teachers really care about them and give them encouragement			53.9	52.3	
Get the help they need most of the time or always amongst students who felt sad, empty, hopeless, angry, or anxious			27.5	24.7	
Would most likely talk to their parent or other adult family member about their feelings among students who felt sad, empty, hopeless, angry, or anxious			31.4	27.2	
Believe that their school has clear rules and consequences for behavior			64.4	64.9	√
Think other people at school would describe them as equally feminine and masculine		20.2	20.9	21.6	





CHAPTER 2: HIGH SCHOOL FINDINGS 2013, 2015, 2017, and 2019



Behavioral Health was measured in the YRBS for high school students with questions pertaining to the following focus areas: Sexual Behaviors, Self-Harm, and Substance Abuse.

SEXUAL BEHAVIORS

Percentage of High School Students Who	2013	2015	2017	2019	Positive Change 2017-2019
Ever had sexual intercourse	41.4	39.9	37.4	33.4	√1
Ever had sexual intercourse before age 13 years (for the first time)	5.9	5.3	4.2	2.7	✓
Ever had sexual intercourse with four or more persons	12.4	10.6	8.9	7.3	√
Currently sexually active (sexual intercourse with at least one person) during the past 3 months	28.2	27.6	25.3	22.3	√
Drank alcohol or used drugs before last sexual intercourse (among students who were sexually active)	22.4	19.2	22.3	17.5	√1

 $^{^{\}rm 1}$ Statistically significant change from 2017 to 2019.



SEXUAL BEHAVIORS

SEXUAL BEHAVIORS					
Percentage of High School Students Who	2013	2015	2017	2019	Positive Change 2017-2019
Used a condom during last sexual intercourse (among students who were currently sexually active)	70.0	61.5	56.3	57.8	✓
Used birth control pills before last sexual intercourse (among students who were currently sexually active)	13.3	13.8	16.3	16.4	√
Used an IUD or implant before last sexual intercourse (among those sexually active)	0.4	0.6	6.9	2.5	
Used a shot, patch, or birth control ring before last sexual intercourse (among students who were currently sexually active)	2.5	1.1	0.0	0.0	
Used birth control pills; an IUD or implant; or a shot, or birth control ring before last sexual intercourse (among those sexually active)	16.1	15.5	23.2	18.9	
Used a condom and birth control pills; an IUD, or a shot, patch, or birth control ring before last sexual intercourse (among students who were currently sexually active)	5.0	6.0	5.6	4.0	
Did not use any methods to prevent pregnancy (during last sexual intercourse among students who were currently sexually active)	12.0	12.9	12.6	18.4	
Ever tested for HIV (not counting tests done if donated blood)		18.9	19.5	19.3	



SELF-HARM

Percentage of High School Students Who	2013	2015	2017	2019	Positive Change 2017-2019
Felt sad or hopeless (almost every day for 2 or more weeks in a row so that they stopped doing some usual activities during the 12 months before the survey)	25.1	30.0	30.1	36.9	
Seriously considered attempting suicide within the 12 months before the survey	12.7	16.8	15.5	18.6	
Made a plan about how they would attempt suicide within the 12 months before the survey	11.8	13.7	13.3	14.2	
Attempted suicide (one or more times) within the 12 months before the survey	8.3	9.3	11.1	10.9	√
Ever had suicide attempt that resulted in an injury, poisoning, or overdose that was treated by a doctor or nurse (during the 12 months before the survey)	4.1	3.5	3.7	3.5	√



Percentage of High School Students Who	2013	2015	2017	2019	Positive Change 2017-2019
Ever tried cigarette smoking (even one or two puffs)	27.8	21.7	19.5	15.8	√1
Ever tried cigarette smoking before age 13 (even one or two puffs)			8.9	7.4	√
Currently smoke cigarettes at least 1 day during past 30 days before the survey	5.8	4.2	5.7	3.2	√1
Currently smoked cigarettes at least 20 days during past 30 days	1.2	0.6	0.1	0.5	
Currently smoke cigarettes daily on all 30 days during past 30 days	1.0	0.3	0.1	0.5	
Ever used electronic vapor product		45.1	41.1	43.1	
Used electronic vapor product at least one day during past 30 days		22.4	8.1	11.4	
Used electronic vapor product at least 20 days during past 30 days		2.2	2.1	2.8	

¹ Statistically significant change from 2017 to 2019.



Percentage of High School Students Who	2013	2015	2017	2019	Positive Change 2017-2019
Used electronic vapor product on all 30 days during past 30 days		1.6	1.8	2.4	
Currently smokes cigarettes or used electronic vapor products at least 1 day during past 30 days					
		24.5	11.3	12.3	
Currently used smokeless tobacco (not counting electronic vaping) on at least 1 day during past 30 days			3.9	2.8	√
Currently smoked cigars at least 1 day during past 30 days	7.2	7.1	4.8	4.5	√
Currently smoked cigars or cigarettes at least 1 day during past 30 days	10.6	9.4	8.9	6.3	√1
Tried to quite using tobacco during past 12 months (for those who used tobacco products in last 12 months)			37.5	41.7	√1
Had first drink of alcohol before age 13	17.4	18.1	17.9	18.6	
Currently drink alcohol at least 1 day during the last 30 days	29.7	30.6	32.5	23.5	√1
Currently binge drinking on at least 1 day during last 30 days (4+ for females and 5+ drinks in a row)			10.7	6.7	√ 1
Usually got alcohol they drank from someone else during the last 30 days	38.3	39.6	45.7	37.3	√1
Ever used marijuana	38.0	40.1	36.8	31.2	√¹
Ever tried marijuana before age 13 years	7.8	7.8	6.9	4.7	√1

¹ Statistically significant change from 2017 to 2019.



Percentage of High School Students Who	2013	2015	2017	2019	Positive Change 2017-2019
Currently used marijuana at least once in last 30 days	22.9	24.0	20.9	16.5	√ 1
Ever used synthetic marijuana		7.1	5.5	7.9	
Ever took prescription pain medication without doctor's prescription or not as prescribed			11.8	16.8	
Ever used cocaine	4.9	6.4	4.0	4.7	
Ever used inhalants to get high	6.5	7.8	6.5	7.6	
Ever used heroin	2.3	4.0	3.7	3.7	
Ever used methamphetamines	3.0	4.5	3.1	4.3	
Ever used ecstasy	7.7	5.5	4.0	5.3	
Ever used steroids without a doctor's prescription	2.6	3.6	4.0	3.5	√
Ever injected any illegal drug using a needle	2.2	3.0	2.0	3.8	
Ever offered, sold or given an illegal drug on school property during last 12 months	32.6	30.7	29.0	32.5	



CHAPTER 2: HIGH SCHOOL UNINTENTIONAL INJURY AND VIOLENCE INDICATORS

Unintentional Injury and Violence was measured in the YRBS for high school students with questions pertaining to the following focus areas: Vehicle Safety, Bullying, Other Violence.

VEHICLE SAFETY

Percentage of High School Students Who	2013	2015	2017	2019	Positive Change 2017-2019
Never or rarely wore seatbelt	7.5	7.3	7.2	9.1	
Rode with driver who had been drinking at least once is last 30 days	20.8	22.1	18.8	19.6	
Drove car or other vehicle when they had drank alcohol (one or more times in last 30 days)	6.7	6.8	6.2	5.2	√
Texted or e-mailed while driving a car or other vehicle	35.8	38.7	34.4	33.8	√

¹ Statistically significant change from 2017 to 2019.



CHAPTER 2: HIGH SCHOOL UNINTENTIONAL INJURY AND VIOLENCE INDICATORS

BULLYING

Percentage of High School Students Who	2013	2015	2017	2019	Positive Change 2017-2019
Bullied on school property (during the 12 months before the survey)	13.1	15.9	14.4	15.8	
Electronically bullied (including being bullied through e-mail, chat rooms, instant messaging, websites, or texting during the 12 months before the survey)	9.2	12.5	13.6	12.1	√

OTHER VIOLENCE

Percentage of High School Students Who	2013	2015	2017	2019	Positive Change 2017-2019
Carried a weapon on at least 1 day during last 30 days	10.2	12.4	10.4	8.3	√
Carried a weapon on school property at least 1 day during last 30 days	2.1	3.5	2.8	1.9	✓
Carried a gun (not for hunting or sport) on at least 1 day in last 12 months			4.9	5.8	
Did not go to school because felt unsafe at school or to or from school in last 30 days	10.8	7.9	8.6	37.0	
Were threatened or injured with a weapon on school property	5.6	6.7	6.7	8.0	
Were in physical fight (1 or more times in last 12 months)	18.8	22.8	20.0	17.9	√
Were in physical fight on school property (1 or more times in last 12 months)	5.5	8.1	7.5	6.7	√



CHAPTER 2: HIGH SCHOOL UNINTENTIONAL INJURY AND VIOLENCE INDICATORS

OTHER VIOLENCE

Percentage of High School Students Who	2013	2015	2017		Positive Change 2017-2019
Ever physically forced to have sexual intercourse	7.5	8.9	9.9	11.7	
Experienced sexual violence one or more times in last 12 months			12.9	12.8	√
Experienced sexual dating violence in last 12 months among students who dated	9.5	10.5	8.7	6.2	√1
Experienced physical dating violence in last 12 months among students who dated	7.6	9.2	10.7	10.3	√

¹ Statistically significant change from 2017 to 2019.



Healthy Weight was measured in the YRBS for high school students with questions pertaining to the following focus areas: Weight Management, Nutrition, and Physical Activity.

WEIGHT MANAGEMENT

Percentage of High School Students Who	2013	2015	2017	2019	Positive Change 2017-2019
Were overweight (>= 85 th but < 95 th percentile for body mass index from 2000 CDC growth charts)	13.1	13.6	15.0	16.0	
Had obesity	8.3	10.3	10.9	10.8	✓
Described themselves as slightly or very overweight	24.6	29.9	29.2	30.1	
Trying to lose weight	43.7	44.5	45.9	47.1	√



NUTRITION

Percentage of High School Students Who	2013	2015	2017	2019	Positive Change 2017-2019
Did not drink fruit juice one or more times during last 7 days	21.6	24.6	30.9	31.3	
Did not each fruit one or more times during the 7 days	13.4	16.2	14.8	18.5	
Did not eat fruit or drink 100% fruit juices during last 7 days	6.3	8.2	8.2	8.6	
Ate fruit or drank 100% fruit juice one or more times per day during last 7 days	61.5	59.9	53.0	51.6	
Ate fruit or drank 100% fruit juice two or more times per day during last 7 days	33.3	32.4	26.3	25.1	
Did not eat green salad during last 7 days	38.7	44.2	49.2	48.5	√
Did not eat potatoes during last 7 days	35.7	42.0	47.9	46.2	√
Did not eat carrots during last 7 days	55.4	56.8	61.3	58.4	✓
Did not eat other vegetables one or more times during last 7 days	23.1	24.4	25.3	25.0	√
Did not eat vegetables (green salad, potatoes, carrots, or other vegetables) during last 7 days	7.8	10.7	12.6	12.0	√



NUTRITION

Decree of the Colored Co. decree Wiles	2042	2045	2047	2010	Positive
Percentage of High School Students Who	2013	2015	2017	2019	Change 2017-2019
Ate vegetables 1 or more times per day during last 7 days	57.4	53.0	49.7	51.0	√
Ate vegetables two or more times per day during last 7 days	25.0	23.1	20.4	21.9	√
Ate vegetables three or more times per day during last 7 days	12.8	12.8	10.2	10.3	√
Did not drink a can, bottle, or glass of soda or pop during last 7 days	32.7	31.3	36.0	36.6	√
Drank a can, bottle, or glass of soda or pop one or more times during last 7 days	17.2	15.4	10.1	9.9	√
Drank a can, bottle, or glass of soda or pop two or more times during last 7 days	10.0	9.7	6.0	5.2	√
Did not drink milk during last 7 days	27.5	34.1	38.9	38.4	√
Drank one or more glasses per day of milk during last 7 days	28.2	22.8	17.2	18.6	√
Drank three or more glasses of milk during last 7 days	7.0	5.4	3.2	2.6	
Did not eat breakfast during last 7 days	14.6	16.0	17.7	20.3	
Ate breakfast on all 7 days during last 7 days	40.2	31.5	28.5	27.8	



PHYSICAL ACTIVITY

Percentage of High School Students Who	2013	2015	2017	2019	Positive Change 2017-2019
Physically active at least 60 minutes per day on 5 or more days during last 7 days	40.4	33.8	30.1	27.9	
Did not participate in at least 60 minutes of physical activity on at least one day during last 7 days	20.5	24.4	24.4	23.5	√
Were physically active at least 60 minutes per day on all of the last 7 days	23.2	17.9	17.1	15.2	
Watched TV 3 or more hours per day	31.0	28.1	22.5	21.1	√
Played video or computer games 3 or more hours per day on an average school day	37.3	40.9	39.8	44.1	
Attended physical education classes on 1 or more days in an average week	45.5	37.7	36.2	36.4	√
Attended physical education classes on all 5 days in an average week	27.2	23.4	7.6	3.7	
Played on at least one sports team during last 12 months	48.2	47.3	44.1	40.2	
Had concussion from playing a sport or being physically active one or more times during the last 12 months			10.7	13.7	



CHAPTER 2: HIGH SCHOOL OTHER AND SITE ADDED

Other

Percentage of High School Students Who	2013	2015	2017	2010	Positive Change 2017-2019
Saw a dentist during last 12 months		65.7	70.8	69.2	
Never saw a dentist		4.2	3.2	3.2	
Told by doctor or nurse that they had asthma	21.2	23.7	22.1	25.8	
Got 8 or more hours of sleep on average school night		14.4	12.1	14.5	✓
Describe their grades in school as mostly A's and B's		70.3	77.6	77.4	

Site Added

Percentage of High School Students Who	2013	2015	2017	2019	Positive Change 2017-2019
Been victim of teasing or name calling because someone thought they were gay, lesbian, or bisexual during last 12 months	7.9	12.4	9.5	12.5	
Had sex education in school			85.8	81.4	
Been taught about AIDS or HIV in school	86.2	82.5	86.8	83.5	
Taught in school how to use a condom to prevent pregnancy or STD's			71.2	67.9	
Taught in school where they could get sexual health services			60.1	58.0	



CHAPTER 2: HIGH SCHOOL OTHER AND SITE ADDED

Site Added

Percentage of High School Students Who	2013	2015	2017	2019	Positive Change 2017-2019
Parents or adults in their family talked with them about sex			61.8	58.3	
Most of the time or always get help they need for those feeling sad, empty, hopeless, angry, or anxious			19.6	17.8	
Think others in school would describe them as equally feminine or masculine	8.1	10.7	11.8	13.3	
Are transgender			3.3	2.3	





CHAPTER 3: SUMMARY OF CHANGES IN MIDDLE SCHOOL FINDINGS FROM 2017 TO 2019



YRBS data from 2017 and 2019 were compared to demonstrate changes in middle school youth health-risk behaviors.

Statistically significant positive change in behavior among middle school students were observed in:

- Sexual behaviors: decrease in sexual intercourse or sexual intercourse with three or more persons
- Vehicle safety: decrease in students who never or rarely wore a helmet when rollerblading or skateboarding

Other *positive*, but not statistically significant, changes among middle school students in health-risk behavior were observed in:

Sexual behaviors

Decrease in ever having sexual intercourse

Decrease in ever having sexual intercourse before age 11

• Self-harm

Decrease in making plan to kill themselves

Substance abuse

Decrease in ever took steroids without a prescription

Decrease in ever used inhalants to get high

Decrease in ever used cocaine

Decrease in ever tried marijuana before age 11 years

Decrease in ever drank alcohol (other than a few sips) before age 11 years

Decrease in ever drank alcohol

Decrease in currently used smokeless tobacco (not vape) at least 1 day during the last 30 days



Substance abuse, continued

Decrease in smoked all 30 days within last 30 days

Decrease in smoked at least 20 or more days within the last 30 days

Decrease in ever tried cigarette smoking before age 11

Decrease in ever tried cigarette smoking

Vehicle safety

Decrease in ever road with a driver who had been drinking alcohol

Bullying

Decrease in being bullied on school property

Decrease in being electronically bullied

Weight management

Increase in attempted to lose weight

Physical activity

Decrease in watched TV 3 or more days in a week

<u>Other</u>

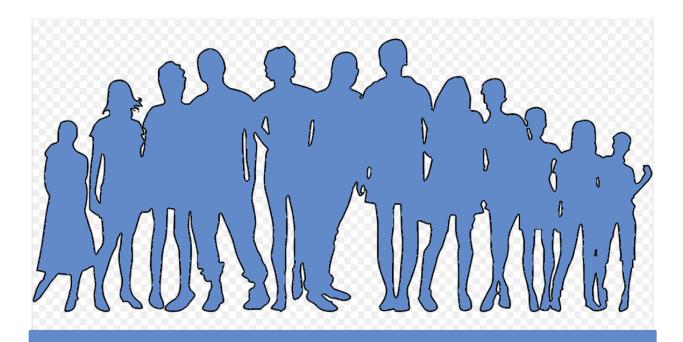
Increase in got 8 or more hours of sleep on average school night

Site Added

Increase in ever talked to teacher or other adult in school about a personal problem over past 12 months

Increase in believing that their school has clear rules and consequences for behavior





CHAPTER 3: SUMMARY OF CHANGES IN HIGH SCHOOL FINDINGS FROM 2017 TO 2019



YRBS data from 2017 and 2019 were used to demonstrate changes in high school youth health-risk behaviors.

Statistically significant positive change in behavior among high school students were observed in:

Sexual behaviors

Decrease in ever having sexual intercourse

Decrease in drank alcohol or used drugs before last sexual intercourse (among students who were sexually active)

Substance abuse

Decrease in ever tried cigarette smoking (even one or two puffs)

Decrease in currently smoke cigarettes at least 1 day during past 30 days before the survey

Decrease in currently smoked cigars or cigarettes at least 1 day during past 30 days

Decrease in tried to quit using tobacco during past 12 months (for those who used tobacco products in last 12 months)

Decrease in currently drink alcohol at least 1 day during the last 30 days

Decrease in currently binge drinking on at least 1 day during last 30 days (4+ for females and 5+ drinks in a row)

Decrease in usually got alcohol they drank from someone else during the last 30 days

Decrease in ever used marijuana

Decrease in ever tried marijuana before age 13 years

Decrease in currently used marijuana at least once in last 30 days

Other violence

Decrease in experienced sexual dating violence in last 12 months among students who dated



Other **positive**, but not statistically significant, changes among high school students in health-risk behavior were observed in:

Sexual behaviors

Decrease in ever had sexual intercourse before age 13 years (for the first time)

Decrease in ever had sexual intercourse with four or more persons

Decrease in currently sexually active (sexual intercourse with at least one person) during the past 3 months

Increase in used a condom during last sexual intercourse (among students who were currently sexually active)

Increase in used birth control pills before last sexual intercourse (among students who were currently sexually active)

Self-harm

Decrease in attempted suicide (one or more times) within the 12 months before the survey

Decrease in ever had suicide attempt that resulted in an injury, poisoning, or overdose that was treated by a doctor or nurse (during the 12 months before the survey)

Substance abuse

Decrease in ever tried cigarette smoking before age 13 (even one or two puffs)

Decrease in currently used smokeless tobacco (not counting electronic vaping) on at least 1 day during past 30 days

Decrease in currently smoked cigars at least 1 day during past 30 days

Decrease in ever used steroids without a doctor's prescription

Bullying

Decrease in electronically bullied (including being bullied through e-mail, chat rooms, instant messaging, websites, or texting during the 12 months before the survey)



Other violence

Decrease in carried a weapon on at least 1 day during last 30 days

Decrease in carried a weapon on school property at least 1 day during last 30 days

Decrease in were in physical fight (1 or more times in last 12 months)

Decrease in were in physical fight on school property (1 or more times in last 12 months)

Decrease in experienced sexual violence one or more times in last 12 months

Decrease in experienced physical dating violence in last 12 months among students who dated

• Weight management

Decrease in had obesity

Increase in trying to lose weight

Nutrition

Decrease in did not eat green salad during last 7 days

Decrease in did not eat potatoes during last 7 days

Decrease in did not eat carrots during last 7 days

Decrease in did not eat other vegetables one or more times during last 7 days

Decrease in did not eat vegetables (green salad, potatoes, carrots, or other vegetables) during last 7 days

Increase in ate vegetables 1 or more times per day during last 7 days

Increase in ate vegetables two or more times per day during last 7 days

Increase in ate vegetables three or more times per day during last 7 days

Decrease in did not drink a can, bottle, or glass of soda or pop during last 7 days



Nutrition, continued

Decrease in drank a can, bottle, or glass of soda or pop one or more times during last 7

Decrease in drank a can, bottle, or glass of soda or pop two or more times during last 7

Decrease in did not drink milk during last 7 days

Increase in drank one or more glasses per day of milk during last 7 days

Physical Activity

Decrease in did not participate in at least 60 minutes of physical activity on at least one day during last 7 days

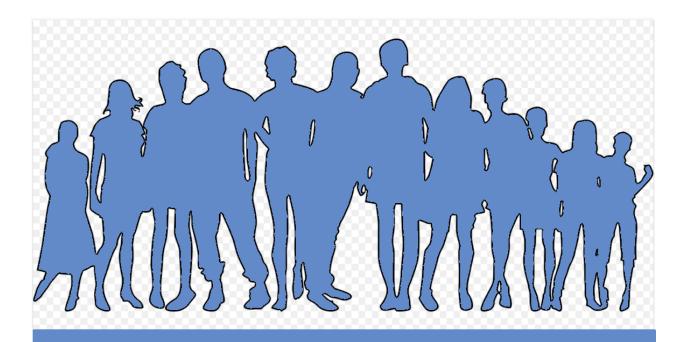
Increase in attended physical education classes on 1 or more days in an average week

Decrease in watched TV 3 or more days in a week

<u>Other</u>

Increase in got 8 or more hours of sleep on average school night







SUMMARY

This summary highlights findings related to sexual minority youth, defined as those who identify as gay, lesbian, bisexual, or transgender. For more detailed analysis of Broward County high school YRBS trends for sexual minorities, the reader is referred to Chapter 4. Among Broward County high school students:

- 4.7% and 2.5% of sexually active female and male high school students report having sexual contact with persons of the same gender, an increase of only .1% and a decrease of .5% since the corresponding percentages in 2017 (i.e., 4.6% and 3.0%, respectively).
- 10.8% of sexually active high school students report having sexual contact with persons of both genders, an increase of 2.3% since the corresponding percentage in 2017 (i.e., 7.5%).
- 14.5% of high school students identified as gay, lesbian or bisexual, an increase of 2.3% since the corresponding percentage in 2017 (i.e., 12.2%).
- 2.3% of high school students identified as transgender in 2019, a **decrease of 1%** since the corresponding percentage in 2017 was 3.3%.

Among the Broward County high school students that report same sex/both sexes sexual contact:

- 66.3% have ever had sexual intercourse, an **increase of 23%** since the corresponding percentage in 2017 (i.e., 43.3% %).
- 6.7% have had sexual intercourse before age 13, a decrease of 2.8% since the corresponding percentage in 2017 (i.e., 9.5%)



- 12.8% have had sexual intercourse with four or more partners in their lifetime, an increase of .4% since the corresponding percentage in 2017 (i.e., 12.4%).
- 61.8% have felt sad or hopeless almost every day for two weeks in a row in the 12 months prior to the survey, an increase of 21.5% since the corresponding percentage in 2017 (i.e., 40.3%).
- 40.2% have considered suicide and 20.4% have attempted suicide in the 12 months prior to the survey, an increase of 6.8% and a decrease of 5.7% since the corresponding percentages in 2017 (i.e., 33.4% and 26.1%, respectively).

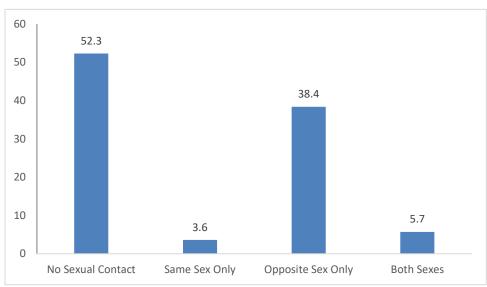


SEXUAL CONTACTS

The charts below depict the percentage of high school students who reported having no sexual contact, sexual contact with same sex only, sexual contact with opposite sex only, and sexual contact with both sexes.

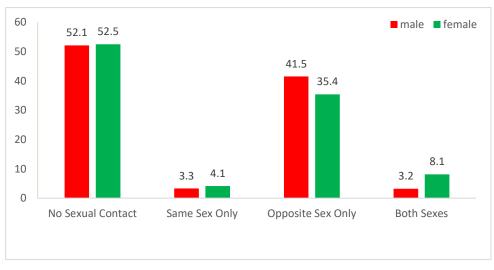
Sexual contacts

In 2019, 3.6% of students reported having sexual contact with the same sex only while 5.7% reported having sexual contact with both sexes.



Sexual contacts, by gender

In comparison to males, a higher percentage of females reported having sexual contact with the same sex only. Corresponding figures were significantly higher for females than males for both sexes in 2019.*



ACCORDING TO THE YOUTH RISK BEHAVIOR **SURVEY**

5.7%

OF STUDENTS IN BROWARD COUNTY REPORTED HAVING SEXUAL CONTACT WITH **BOTH SEXES**

^{*} Significant difference based on chi-square test analysis p < 0.05

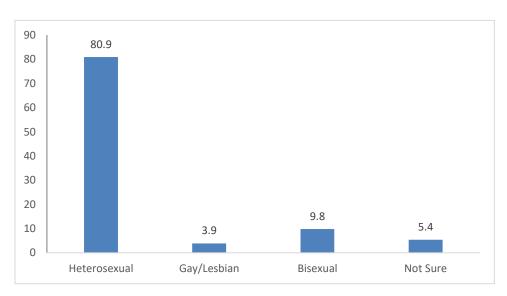


SEXUAL IDENTITY

The charts below depict the percentage of high school students that reported which of the following best describes them (heterosexual, gay/lesbian, bisexual, or not sure) based upon their physical attraction.

Sexual identity

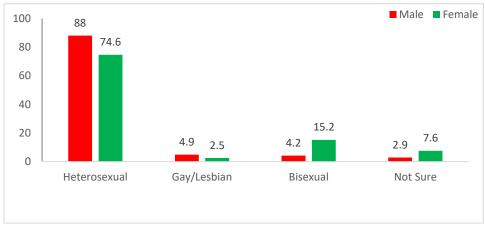
Majority (80.9%) of Broward County high school students identified themselves as heterosexual. While, 13.7% of students identified as gay, lesbian or bisexual.



Sexual identity, by gender

Among those that do not identify as heterosexual, a significantly greater percentage of males reported being gay, while a greater percentage of females identified as bisexual or not sure.*

ACCORDING TO THE YOUTH **RISK BEHAVIOR SURVEY**



13.7%

OF STUDENTS IN BROWARD COUNTY IDENTIFIED AS GAY, LESBIAN, OR BISEXUAL

2019



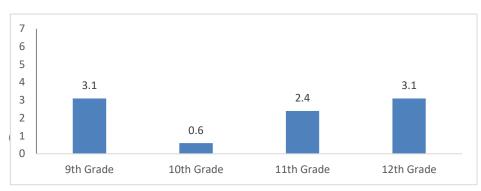
^{*} Significant difference based on chi-square test analysis p < 0.05

TRANSGENDER IDENTITY

The charts below depict the demographic breakdown of high school students that describe themselves as transgender (when their sex at birth did not match the way they think or feel).

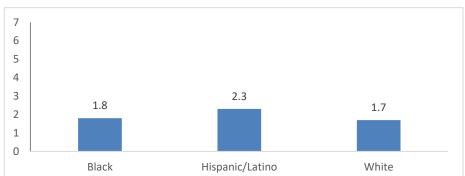
Transgender Identity, by grade

On average, about 2.3% of all high school students reported being transgender.



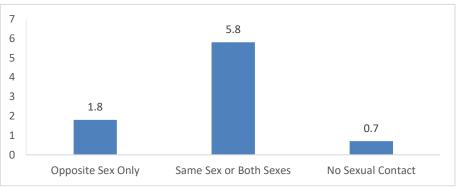
Transgender Identity, by race/ethnicity

Amongst all Broward County high school students, those reporting being transgender were from the following racial/ethnic backgrounds: Black (1.8%), Hispanic (2.3%), or White (1.7%).



Gender identity, by Sexual Contact

A greater percentage transgender identity students reported having sexual contact with same sex or both sexes than opposite sex only.



ACCORDING TO THE YOUTH RISK **BEHAVIOR SURVEY**

2.3%

OF STUDENTS IN BROWARD **BROWARD COUNTY STUDENTS** IDENTIFIED AS BEINGTRANSGENDER

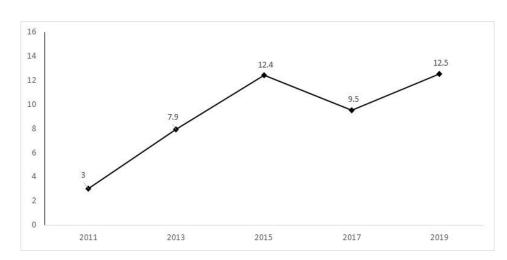


TEASING RELATED TO SEXUAL IDENTITY

The charts below depict the percentage of high school students who reported being a victim of teasing or name calling because someone thought they were gay, lesbian, or bisexual.

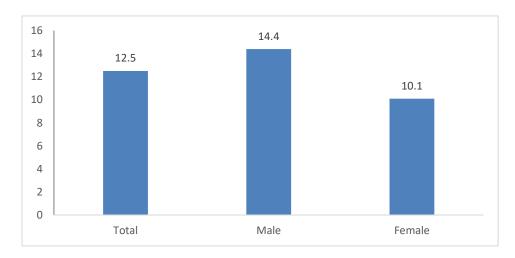
Teasing related to sexual identity

The percentage of students that reported being the victim of teasing due to sexual identity decreased from 9.5% in 2017 to 12.5% in 2019, a significant increase of 3%.



Teasing related to sexual identify by gender10

In 2019, 12.5% of high school students reported that they have been a victim of teasing due to their sexual identity. Of which, more males than females reported being a victim of teasing.



THE PERCENT OF STUDENTS WHO
REPORTED BEING THE VICTIM OF TEASING
DUE TO THEIR SEXUAL IDENTITY

9.5%

12.5%

2017

2019

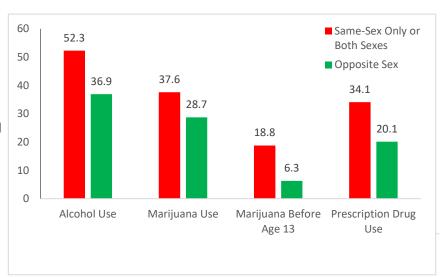


DRUG AND ALCOHOL USE BY SEXUAL PARTNER

Students reported if they currently drank alcohol, currently used marijuana, at what age they used marijuana, or had ever taken a prescription pain drug such as OxyContin, Percocet, Vicodin, or Codeine without a doctor's prescription in their lifetime. The charts below depict the percentage of high school students that have engaged in these behaviors according to whom they have had sexual contact with: same sex/both sexes or opposite sex only.

Drug and alcohol use by sexual partners

In 2019, a higher percentages of students who had sexual contact with same sex or both sexes reported using marijuana, using marijuana before age 13, using alcohol, and using prescription drugs without doctor's prescription more than those reporting contact with the opposite sex.



STUDENTS WHO REPORTED SEXUAL CONTACT WITH 'SAME SEX ONLY' OR 'BOTH SEXES' WERE MORE LIKELY THAN STUDENTS WHO REPORTED ONLY OPPOSITE SEX PARTNERS TO **USE PRESCRIPTION DRUGS.***

20.1% 34.1% OPPOSITE SEX SAME OR BOTH SEX PARTNERS PARTNERS



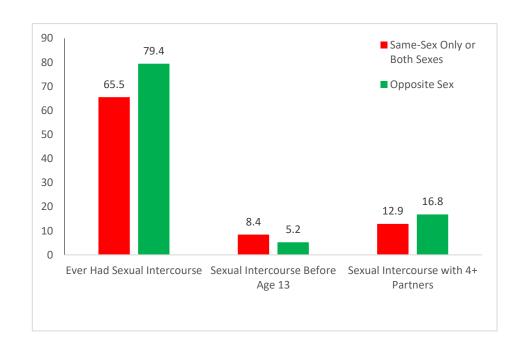
^{*}Statistically significant based on chi-test analysis, p < 0.05.

SEXUAL BEHAVIORS BY SEXUAL PARTNER

Students reported if they had ever had sexual intercourse, at what age they had sexual intercourse for the first time, and how many people they had sexual intercourse with during their lifetime. The charts below depict the percentage of high school students that report having engaged in sexual behaviors according to whom they have had sexual contact with: same sex/both sexes or opposite sex only.

Sexual intercourse by sexual partners

In 2019, students who reported having sexual partners of the opposite sex (79.4%) were more likely to have ever had sexual intercourse compared to students who reported same sex/both sex partners (65.5%).



STUDENTS WHO REPORTED SEXUAL CONTACT WITH 'SAME SEX ONLY' OR 'BOTH SEXES' WERE MORE LIKELY THAN STUDENTS WHO REPORTED ONLY OPPOSITE SEX PARTNERS TO HAVE HAD SEXUAL INTERCOURSE BEFORE AGE 13

8.4% **SAME OR BOTH SEX PARTNERS**

5.2%

OPPOSITE SEX PARTNERS

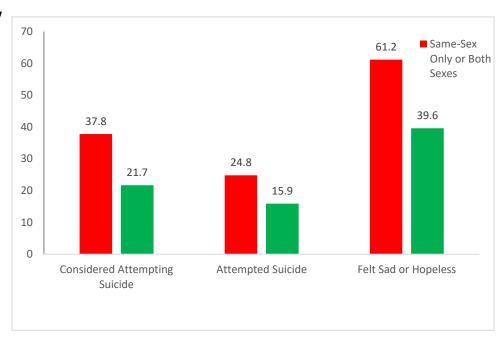


SUICIDAL IDEATION AND BEHAVIOR BY SEXUAL PARTNER

Students reported if they had ever seriously considered attempting suicide or had attempted suicide one or more times in the 12 months prior to the survey and if they had ever felt sad and hopeless almost every day for two weeks in a row in the 12 months prior to the survey. The charts below depict the percentage of students that considered suicide, attempted suicide, and who felt sad or hopeless according to whom they have had sexual contact with: opposite sex only or same sex/both sexes.

Suicidal ideation and behavior by sexual partner

Students who reported same sex or both sex partners were significantly more likely than students who reported opposite sex partners to consider attempting suicide and have felt sad or hopeless in the year prior to the survey.



ERSUS

STUDENTS WHO REPORTED SAME SEX OR BOTH SEX PARTNERS WERE MORE LIKELY TO ATTEMPT SUICIDE COMPARED TO STUDENTS WHO REPORTED ONLY OPPOSITE SEX PARTNERS,

15.9%

OPPOSITE SEX PARTNERS

24.8%

SAME OR BOTH SEX PARTNERS



The School Board of Broward County, Florida

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