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## Table of Contents

Executive Summary ..... 1
Introduction and Overview of the Data .....  1
Organization of theReport.1
Methodology ..... 2
Composition of Middle School Sample. ..... 3
Composition of the High School Sample. ..... 4
Chapter 1: Middle School Findings. ..... 5
Behavioral Health Indicators ..... 6
Unintentional Injury and Violence Indicators ..... 7
Healthy Weight Indicators ..... 7
Other Indicators ..... 8
Site Added Indicators ..... 8
Chapter 1: High School Findings. ..... 9
Behavioral Health Indicators ..... 10-11
Unintentional Injury and Violence Indicators ..... 12
Healthy Weight Indicators ..... 13
Other Indicators ..... 14
Site Added Indicators ..... 14
Chapter 2: Middle School Findings 2013, 2015, 2017, 2019 ..... 15
Behavioral Health Indicators ..... 16
Sexual Behaviors ..... 16
Self Harm ..... 16
Substance Abuse ..... 17
Unintentional Injury and Violence Indicators ..... 19
Vehicle Safety ..... 19
Bullying ..... 20
Other Violence ..... 20
Healthy Weight Indicators ..... 21
Weight Management ..... 21
Nutrition ..... 21
Physical Activity ..... 22
Other and Site Added Behavior Indicators ..... 23
Other ..... 23
Site Added ..... 23-24
Chapter 2: High School Findings 2013, 2015, 2017, 2019 ..... 25
Behavioral Health Indicators ..... 26
Sexual Behaviors ..... 26-27
Self Harm ..... 28
Substance Abuse ..... 29-31
Unintentional Injury and Violence Indicators ..... 32
Vehicle Safety ..... 32
Bullying ..... 33
Other Violence ..... 33-34
Healthy Weight Indicators ..... 35
Weight Management ..... 35
Nutrition ..... 36-37
Physical Activity ..... 38
Other and Site Added Behavior Indicators ..... 39
$\qquad$Other.39
Site Added. ..... 39-40
Chapter 3: Summary of Changes in Middle School Findings from
2017 to 2019. ..... 41-43
Chapter 3: Summary of Changes in High School Findings from 2017
to 2019. ..... 44-48
Chapter 4: High School Sexual Minority Youth Findings. ..... 49
Summary ..... 50-51
Sexual Contacts ..... 52
Sexual Identity ..... 53
Transgender Identity ..... 54
Teasing Related to Sexual Identity ..... 55
Drug and Alcohol use by Sexual Partner ..... 56
Sexual Behavior by Sexual Partner ..... 57
Suicidal Ideation and Behavior by Sexual Partner ..... 58

## 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 $6^{\text {th }}$ through $12^{\text {th }}$ 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 behaviors ${ }^{1}$. 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
- Unintentional Injury and Violence: 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.

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## 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 (\#)

|  | 2013 |  | 2015 |  | 2017 |  | 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 | 1,496 |  | 1,511 |  | 1,446 |  | 1,428 |  |

*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 (\#)

|  | 2013 |  | 2015 |  | 2017 |  | 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 | 1,443 |  | 1,413 |  | 938 |  | 1178 |  |

*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

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


# Percentages Reported for Middle School Unintentional Injury and Violence Indicators 



Percentages Reported for Middle School Healthy Weight Indicators


## CHAPTER 1: MIDDLE SCHOOL FINDINGS FOR 2019

# Percentages Reported for Middle School Other Indicators 



# Percentages Reported for Middle School Site Added Indicators 




CHAPTER 1: HIGH SCHOOL FINDINGS FOR 2019

## CHAPTER 1: HIGH SCHOOL FINDINGS FOR 2019

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


## CHAPTER 1: HIGH SCHOOL FINDINGS FOR 2019

## Percentages Reported for High School Behavioral Health Indicators (Table Continued)



## CHAPTER 1: HIGH SCHOOL FINDINGS FOR 2019

## Percentages Reported for High School Unintentional Injury and Violence Indicators



## CHAPTER 1: HIGH SCHOOL FINDINGS FOR 2019

# Percentages Reported for High School Healthy Weight Indicators 



## CHAPTER 1: HIGH SCHOOL FINDINGS FOR 2019



# Percentages Reported for High School Site Added Indicators 



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

## CHAPTER 2: MIDDLE SCHOOL BEHAVIORAL HEALTH INDICATORS

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 | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 9}$ | Positive <br> Change <br> 2017-2019 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Ever had sexual intercourse with three or more <br> persons | 3.5 | 2.6 | 3.3 | 1.9 | $\sqrt{ } 1$ |
| Ever had sexual intercourse before age 11 | 5.1 | 2.6 | 3.3 | 2.9 | $\sqrt{ }$ |
| Ever had sexual intercourse | 12.0 | 8.2 | 8.3 | 7.2 | $\sqrt{ }$ |

## SELF-HARM

| Percentage of Middle School Students Who | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 9}$ | Positive <br> Change <br> 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 | $\sqrt{ }$ |
| Ever seriously thought about killing themselves | 20.4 | 19.4 | 23.3 | 24.3 |  |

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

## CHAPTER 2: MIDDLE SCHOOL BEHAVIORAL HEALTH INDICATORS

## SUBSTANCE ABUSE

| Percentage of Middle School Students Who | 2013 | 2015 | 2017 | 2019 | Positive <br> Change <br> $\mathbf{2 0 1 7 - 2 0 1 9}$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Ever took steroids without a prescription | 3.8 | 4.7 | 3.7 | 2.5 | $\checkmark$ |
| Ever used inhalants to get high | 10.2 | 9.6 | 9.3 | 8.1 | $\checkmark$ |
| Ever used cocaine | 3.4 | 2.7 | 2.3 | 2.2 | $\checkmark$ |
| Ever took prescription pain meds with no <br> prescription/or not as prescribed | -- | -- | 6.1 | 7.0 |  |
| Ever tried marijuana before age 11 years | 3.7 | 2.6 | 2.4 | 2.1 | $\checkmark$ |
| Ever used marijuana | 10.0 | 7.8 | 8.2 | 8.3 |  |
| Ever drank alcohol (other than a few sips) before <br> age 11 years | 12.0 | 9.7 | 14.0 | 13.1 | $\checkmark$ |
| Ever drank alcohol | 29.5 | 24.5 | 31.9 | 31.1 | $\checkmark$ |
| 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) <br> at least 1 day during the last 30 days | -- | -- | 2.0 | 1.4 | $\checkmark$ |
| Vaped all 30 days within last 30 days | -- | 0.7 | 0.4 | 0.9 |  |
| Vaped at least 20 or more days within last 30 <br> days | -- | 0.8 | 0.5 | 1.2 |  |

## CHAPTER 2: MIDDLE SCHOOL BEHAVIORAL HEALTH INDICATORS

| Percentage of Middle School Students Who | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 9}$ | Positive <br> Change <br> 2017- <br> $\mathbf{2 0 1 9}$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 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 | $\checkmark$ |
| Smoked at least 20 or more days within the last <br> 30 days | 0.4 | 0.2 | 0.4 | 0.1 | $\checkmark$ |
| 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 | $\checkmark$ |
| Ever tried cigarette smoking | 10.0 | 9.0 | 6.4 | 6.0 | $\checkmark$ |

## 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 <br> Change <br> $\mathbf{2 0 1 7 - 2 0 1 9}$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Ever rode with a driver who had been drinking <br> alcohol (in a car) | 17.6 | 14.2 | 18.2 | 16.3 | $\sqrt{ }$ |
| Never or rarely wore a seat belt (when riding in <br> a car) | 7.7 | 8.6 | 7.4 | 8.0 |  |
| Never or rarely wore a helmet for those who <br> rollerblade or skateboard | 77.0 | 82.6 | 80.5 | 77.3 | $\sqrt{ } 1$ |
| Never or rarely wore a bicycle helmet for those <br> who ride a bicycle | 73.0 | 72.6 | 70.5 | 74.4 |  |

[^1]
## BULLYING

| Percentage of Middle School Students Who | 2013 | 2015 | $\mathbf{2 0 1 7}$ | 2019 | Positive <br> Change |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Percentage of students who were <br> electronically bullied (including being bullied <br> through e-mail, chat rooms, instant messaging, <br> websites, or texting) | 12.8 | 14.5 | 18.7 | 17.4 | $\sqrt{ }$ |
| Percentage of students who were bullied on <br> school property | 35.7 | 33.5 | 37.8 | 36.6 | $\sqrt{ }$ |

OTHER VIOLENCE

| Percentage of Middle School Students Who | 2013 | 2015 | 2017 | 2019 | Positive <br> Change <br> 2017-2019 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Percentage of students who ever were in a <br> physical fight | 48.8 | 47.4 | 45.6 | 48.5 |  |
| Percentage of students who ever carried a <br> 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 <br> Change <br> 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 | $\checkmark$ |

## NUTRITION

| Percentage of Middle School Students Who | 2013 | 2015 | 2017 | 2019 | Positive <br> Change <br> 2017-2019 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Did not eat breakfast during the last 7 days <br> before the survey | 9.0 | 11.1 | 10.8 | 12.0 |  |
| Ate breakfast on all 7 days (during the 7 <br> 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 | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 9}$ | Positive <br> Change <br> 2017-2019 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Physically active at least 60 minutes per day on <br> 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 <br> least 1 days during past 7 days | 14.1 | 18.2 | 14.9 | 16.0 |  |
| Physically active at least hour on all 7 days <br> during the 7 days before the survey | 33.4 | 28.1 | 30.4 | 24.4 |  |
| Watched TV 3 or more hours per day on <br> average school day | 41.1 | 31.7 | 31.5 | 29.9 | $\sqrt{ }$ |
| Played video games or on computer 3 or more <br> hours per day on average school day | 43.7 | 43.9 | 51.4 | 52.7 |  |
| Attended physical education classes 1 or more <br> 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 <br> 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 <br> Change <br> 2017-2019 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Ever been told by nurse or doctor that they <br> had asthma | 21.3 | 19.3 | 17.9 | 18.2 |  |
| Got 8 or more hours of sleep on average <br> school night | -- | 48.0 | 48.5 | 49.2 | $\checkmark$ |
| Reported that they got mostly A's and B's in <br> past 12 months | -- | 72.9 | 76.2 | 72.2 |  |

## Site Added

| Percentage of Middle School Students Who | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 9}$ | Positive <br> Change <br> 2017-2019 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Ever been teased or name called because <br> someone thought they were gay, lesbian, or <br> 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 <br> in school | 71.0 | 71.7 | 64.7 | 57.0 |  |
| Parents or other adults in their family talked <br> with them about what they expect them to <br> do/not do about sex | -- | -- | 45.5 | 43.6 |  |
| Ever talked to teacher or other adult in school <br> about a personal problem over past 12 <br> months | -- | -- | 27.7 | 28.2 | $\checkmark$ |

## CHAPTER 2: MIDDLE SCHOOL OTHER AND SITE ADDED BEHAVIORS

| Percentage of Middle School Students Who | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 7}$ | 2019 | Positive <br> Change <br> 2017-2019 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Strongly agree or agree that teachers really care <br> about them and give them encouragement | -- | -- | 53.9 | 52.3 |  |
| Get the help they need most of the time or <br> always amongst students who felt sad, empty, <br> hopeless, angry, or anxious | -- | -- | 27.5 | 24.7 |  |
| Would most likely talk to their parent or other <br> adult family member about their feelings among <br> students who felt sad, empty, hopeless, angry, <br> or anxious | -- | -- | 31.4 | 27.2 |  |
| Believe that their school has clear rules and <br> consequences for behavior | -- | -- | 64.4 | 64.9 | $\checkmark$ |
| Think other people at school would describe <br> them as equally feminine and masculine | -- | 20.2 | 20.9 | 21.6 |  |

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

## CHAPTER 2: HIGH SCHOOL BEHAVIORAL HEALTH INDICATORS

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.

## SEXUALBEHAVIORS

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

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

## CHAPTER 2: HIGH SCHOOL BEHAVIORAL HEALTH INDICATORS

## SEXUALBEHAVIORS

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

## CHAPTER 2: HIGH SCHOOL BEHAVIORAL HEALTH INDICATORS

SELF-HARM

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

## SUBSTANCE ABUSE

| Percentage of High School Students Who | 2013 | 2015 | 2017 | 2019 | Positive <br> Change <br> $2017-2019$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Ever tried cigarette smoking (even one or <br> two puffs) | 27.8 | 21.7 | 19.5 | 15.8 | $\sqrt{ }^{1}$ |
| Ever tried cigarette smoking before age <br> 13 (even one or two puffs) | -- | -- | 8.9 | 7.4 | $\checkmark$ |
| Currently smoke cigarettes at least 1 day <br> during past 30 days before the survey | 5.8 | 4.2 | 5.7 | 3.2 | $\sqrt{ }^{1}$ |
| Currently smoked cigarettes at least 20 <br> days during past 30 days | 1.2 | 0.6 | 0.1 | 0.5 |  |
| Currently smoke cigarettes daily on all 30 <br> days during past 30 days | 1.0 | 0.3 | 0.1 | 0.5 |  |
| Ever used electronic vapor product <br> Used electronic vapor product at least one <br> day during past 30 days <br> Used electronic vapor product at least 20 <br> days during past 30 days | -- | 22.4 | 8.1 | 11.4 |  |

[^2]
## CHAPTER 2: HIGH SCHOOL BEHAVIORAL HEALTH INDICATORS

## SUBSTANCE ABUSE

| Percentage of High School Students Who | 2013 | 2015 | 2017 | 2019 | Positive <br> Change <br> 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 | $\checkmark$ |
| Currently smoked cigars at least 1 day during past 30 days | 7.2 | 7.1 | 4.8 | 4.5 | $\checkmark$ |
| Currently smoked cigars or cigarettes at least 1 day during past 30 days | 10.6 | 9.4 | 8.9 | 6.3 | $\checkmark^{1}$ |
| Tried to quite using tobacco during past 12 months (for those who used tobacco products in last 12 months) | -- | -- | 37.5 | 41.7 | $\checkmark^{1}$ |
| 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 | $\checkmark^{1}$ |
| 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 | $\checkmark^{1}$ |
| Usually got alcohol they drank from someone else during the last 30 days | 38.3 | 39.6 | 45.7 | 37.3 | $\checkmark^{1}$ |
| Ever used marijuana | 38.0 | 40.1 | 36.8 | 31.2 | $\checkmark^{1}$ |
| Ever tried marijuana before age 13 years | 7.8 | 7.8 | 6.9 | 4.7 | $\checkmark^{1}$ |

[^3]
## CHAPTER 2: HIGH SCHOOL BEHAVIORAL HEALTH INDICATORS

## SUBSTANCE ABUSE

| Percentage of High School Students Who | 2013 | 2015 | 2017 | 2019 | Positive <br> Change <br> $2017-2019$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Currently used marijuana at least once in last <br> 30 days | 22.9 | 24.0 | 20.9 | 16.5 | $\sqrt{ }^{1}$ |
| Ever used synthetic marijuana | -- | 7.1 | 5.5 | 7.9 |  |
| Ever took prescription pain medication <br> without doctor's prescription or not as <br> 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 | 3.0 | 4.5 | 3.1 | 4.3 |  |
| Ever used methamphetamines | 7.7 | 5.5 | 4.0 | 5.3 |  |
| Ever used ecstasy | 2.6 | 3.6 | 4.0 | 3.5 | $\checkmark$ |
| Ever used steroids without a doctor's <br> prescription | 2.2 | 3.0 | 2.0 | 3.8 |  |
| Ever injected any illegal drug using a needle | 32.6 | 30.7 | 29.0 | 32.5 |  |
| Ever offered, sold or given an illegal drug on <br> school property during last 12 months | 2.7 |  |  |  |  |

## 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 | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 9}$ | Positive <br> Change <br> 2017-2019 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Never or rarely wore seatbelt | 7.5 | 7.3 | 7.2 | 9.1 |  |
| Rode with driver who had been drinking at least <br> once is last 30 days | 20.8 | 22.1 | 18.8 | 19.6 |  |
| Drove car or other vehicle when they had drank <br> alcohol (one or more times in last 30 days) | 6.7 | 6.8 | 6.2 | 5.2 | $\sqrt{ }$ |
| Texted or e-mailed while driving a car or other <br> vehicle | 35.8 | 38.7 | 34.4 | 33.8 | $\checkmark$ |

[^4]
## CHAPTER 2: HIGH SCHOOL UNINTENTIONAL INJURY AND VIOLENCE INDICATORS

BULLYING

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

## OTHER VIOLENCE

| Percentage of High School Students Who | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 9}$ | Positive <br> Change <br> $2017-2019$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Carried a weapon on at least 1 day during last 30 <br> days | 10.2 | 12.4 | 10.4 | 8.3 | $\checkmark$ |
| Carried a weapon on school property at least 1 <br> day during last 30 days | 2.1 | 3.5 | 2.8 | 1.9 | $\checkmark$ |
| Carried a gun (not for hunting or sport) on at <br> least 1 day in last 12 months | -- | -- | 4.9 | 5.8 |  |
| Did not go to school because felt unsafe at school <br> 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 <br> school property | 5.6 | 6.7 | 6.7 | 8.0 |  |
| Were in physical fight (1 or more times in last 12 <br> months) | 18.8 | 22.8 | 20.0 | 17.9 | $\sqrt{ }$ |
| Were in physical fight on school property <br> (1 or more times in last 12 months) | 5.5 | 8.1 | 7.5 | 6.7 | $\checkmark$ |

## CHAPTER 2: HIGH SCHOOL UNINTENTIONAL INJURY AND VIOLENCE INDICATORS

## OTHER VIOLENCE

| Percentage of High School Students Who | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 9}$ | Positive <br> Change <br> 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 <br> last 12 months | -- | -- | 12.9 | 12.8 | $\sqrt{ }$ |
| Experienced sexual dating violence in last 12 <br> months among students who dated | 9.5 | 10.5 | 8.7 | 6.2 | $\sqrt{ }^{1}$ |
| Experienced physical dating violence in last 12 <br> months among students who dated | 7.6 | 9.2 | 10.7 | 10.3 | $\checkmark$ |

[^5]
## CHAPTER 2: HIGH SCHOOL HEALTHY WEIGHT INDICATORS

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 | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 9}$ | Positive <br> Change <br> 2017-2019 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Were overweight (>= $85^{\text {th }}$ but < 95 |  |  |  |  |  |
| th <br> for body mass index from 2000 CDC growth <br> charts) | 13.1 | 13.6 | 15.0 | 16.0 |  |
| Had obesity | 8.3 | 10.3 | 10.9 | 10.8 | $\checkmark$ |
| Described themselves as slightly or very <br> overweight | 24.6 | 29.9 | 29.2 | 30.1 |  |
| Trying to lose weight | 43.7 | 44.5 | 45.9 | 47.1 | $\checkmark$ |

## CHAPTER 2: HIGH SCHOOL HEALTHY WEIGHT INDICATORS

NUTRITION

| Percentage of High School Students Who | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 9}$ | Positive <br> Change <br> 2017-2019 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Did not drink fruit juice one or more times during <br> last 7 days | 21.6 | 24.6 | 30.9 | 31.3 |  |
| Did not each fruit one or more times during the 7 <br> days | 13.4 | 16.2 | 14.8 | 18.5 |  |
| Did not eat fruit or drink 100\% fruit juices during <br> last 7 days | 6.3 | 8.2 | 8.2 | 8.6 |  |
| Ate fruit or drank 100\% fruit juice one or more <br> 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 | 33.3 | 32.4 | 26.3 | 25.1 |  |
| times per day during last 7 days | 38.7 | 44.2 | 49.2 | 48.5 | $\sqrt{ }$ |
| Did not eat green salad during last 7 days | 35.7 | 42.0 | 47.9 | 46.2 | $\sqrt{ }$ |
| Did not eat potatoes during last 7 days | 55.4 | 56.8 | 61.3 | 58.4 | $\sqrt{ }$ |
| Did not eat carrots during last 7 days | 23.1 | 24.4 | 25.3 | 25.0 | $\sqrt{ }$ |
| Did not eat other vegetables one or more times |  |  |  |  |  |
| during last 7 days | 7.8 | 10.7 | 12.6 | 12.0 | $\checkmark$ |
| Did not eat vegetables (green salad, potatoes, <br> carrots, or other vegetables) during last 7 days |  |  |  |  |  |

## CHAPTER 2: HIGH SCHOOL HEALTHY WEIGHT INDICATORS

## NUTRITION

| Percentage of High School Students Who | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 9}$ | Positive <br> Change <br> 2017-2019 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Ate vegetables 1 or more times per day during last 7 <br> days | 57.4 | 53.0 | 49.7 | 51.0 | $\checkmark$ |
| Ate vegetables two or more times per day during last <br> 7 days | 25.0 | 23.1 | 20.4 | 21.9 | $\sqrt{ }$ |
| Ate vegetables three or more times per day during <br> last 7 days | 12.8 | 12.8 | 10.2 | 10.3 | $\sqrt{ }$ |
| Did not drink a can, bottle, or glass of soda or pop <br> during last 7 days | 32.7 | 31.3 | 36.0 | 36.6 | $\checkmark$ |
| Drank a can, bottle, or glass of soda or pop one or <br> more times during last 7 days | 17.2 | 15.4 | 10.1 | 9.9 | $\checkmark$ |
| Drank a can, bottle, or glass of soda or pop two or <br> more times during last 7 days | 10.0 | 9.7 | 6.0 | 5.2 | $\checkmark$ |
| Did not drink milk during last 7 days | 27.5 | 34.1 | 38.9 | 38.4 | $\checkmark$ |
| Drank one or more glasses per day of milk during last <br> 7 days | 28.2 | 22.8 | 17.2 | 18.6 | $\sqrt{ }$ |
| Drank three or more glasses of milk during last 7 <br> 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 |  |

## CHAPTER 2: HIGH SCHOOL HEALTHY WEIGHT INDICATORS

## PHYSICAL ACTIVITY

| Percentage of High School Students Who | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 9}$ | Positive <br> Change <br> 2017-2019 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Physically active at least 60 minutes per day on 5 or <br> more days during last 7 days | 40.4 | 33.8 | 30.1 | 27.9 |  |
| Did not participate in at least 60 minutes of <br> physical activity on at least one day during last 7 <br> days | 20.5 | 24.4 | 24.4 | 23.5 | $\sqrt{ }$ |
| Were physically active at least 60 minutes per day <br> 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 | $\sqrt{ }$ |
| Played video or computer games 3 or more hours <br> per day on an average school day | 37.3 | 40.9 | 39.8 | 44.1 |  |
| Attended physical education classes on 1 or more <br> days in an average week | 45.5 | 37.7 | 36.2 | 36.4 | $\sqrt{ }$ |
| Attended physical education classes on all 5 days in | 27.2 | 23.4 | 7.6 | 3.7 |  |
| an average week |  |  |  |  |  | | Played on at least one sports team during last 12 |
| :--- |
| months |

## CHAPTER 2: HIGH SCHOOL OTHER AND SITE ADDED

## Other

| Percentage of High School Students Who | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 9}$ | Positive <br> Change <br> 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 <br> night | -- | 14.4 | 12.1 | 14.5 | $\sqrt{ }$ |
| 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 | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 9}$ | Positive <br> Change <br> 2017-2019 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Been victim of teasing or name calling because <br> someone thought they were gay, lesbian, or <br> 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 <br> pregnancy or STD's | -- | -- | 71.2 | 67.9 |  |
| Taught in school where they could get sexual health <br> services | -- | -- | 60.1 | 58.0 |  |

## CHAPTER 2: HIGH SCHOOL OTHER AND SITE ADDED

## Site Added

| Percentage of High School Students Who | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 7}$ | 2019 | Positive <br> Change <br> 2017-2019 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Parents or adults in their family talked with them <br> about sex | -- | -- | 61.8 | 58.3 |  |
| Most of the time or always get help they need <br> for those feeling sad, empty, hopeless, angry, or <br> anxious | -- | -- | 19.6 | 17.8 |  |
| Think others in school would describe them as <br> equally feminine or masculine | 8.1 | 10.7 | 11.8 | 13.3 |  |
| Are transgender | -- | -- | 3.3 | 2.3 |  |



## CHAPTER 3: CHANGES IN MIDDLE SCHOOL 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

- Other

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: <br> SUMMARY OF CHANGES IN HIGH <br> SCHOOL FINDINGS FROM 2017 TO 2019 

## CHAPTER 3: CHANGES IN HIGH SCHOOL 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

## CHAPTER 3: CHANGES IN HIGH SCHOOL FROM 2017 TO 2019

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)

## CHAPTER 3: CHANGES IN HIGH SCHOOL FROM 2017 TO 2019

- 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

## CHAPTER 3: CHANGES IN HIGH SCHOOL FROM 2017 TO 2019

- Nutrition, continued

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

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

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

- Other

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


# CHAPTER 4: HIGH SCHOOL SEXUAL MINORITY YOUTH FINDINGS 

## 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 $\mathbf{2 . 3 \%}$ 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 $\mathbf{1 \%}$ 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 $\mathbf{2 3 \%}$ since the corresponding percentage in 2017 (i.e., 43.3\% \%).
- $6.7 \%$ have had sexual intercourse before age 13 , a decrease of $\mathbf{2 . 8 \%}$ since the corresponding percentage in 2017 (i.e., 9.5\%)


## CHAPTER 4: HIGH SCHOOL SEXUAL MINORITY YOUTH FINDINGS

- $12.8 \%$ 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 $\mathbf{2 1 . 5 \%}$ 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).


## CHAPTER 4: HIGH SCHOOL SEXUAL MINORITY YOUTH FINDINGS

## 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.



[^6]
## CHAPTER 4: HIGH SCHOOL SEXUAL MINORITY YOUTH FINDINGS

## SEXUALIDENTITY

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

$$
\underset{\sim}{\underset{\sim}{\mathrm{N}}} \underset{\sim}{\text { N}}
$$

[^7]
## CHAPTER 4: HIGH SCHOOL SEXUAL MINORITY YOUTH FINDINGS

## 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/ethnicityAmongst 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\%).




## CHAPTER 4: HIGH SCHOOL SEXUAL MINORITY YOUTH FINDINGS

## 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 gender 10

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 SEXUALIDENTITY
9.5\%

## CHAPTER 4: HIGH SCHOOL SEXUAL MINORITY YOUTH FINDINGS

## 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.*


VERSUS

OPPOSITE SEX PARTNERS
*Statistically significant based on chi-test analysis, p < 0.05.

## CHAPTER 4: HIGH SCHOOL SEXUAL MINORITY YOUTH FINDINGS

## 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

 partnersIn 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\%).



SAME OR BOTH SEX PARTNERS

OPPOSITE SEX PARTNERS

## CHAPTER 4: HIGH SCHOOL SEXUAL MINORITY YOUTH FINDINGS

## 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.


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

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[^0]:    ${ }^{1}$ http://www.floridahealth.gov/statistics-and-data/survey-data/florida-youth-survey/youth-risk-behavior-survey/index.html

[^1]:    ${ }^{1}$ Statistically significant change from 2017 to 2019.

[^2]:    ${ }^{1}$ Statistically significant change from 2017 to 2019.

[^3]:    ${ }^{1}$ Statistically significant change from 2017 to 2019.

[^4]:    ${ }^{1}$ Statistically significant change from 2017 to 2019.

[^5]:    ${ }^{1}$ Statistically significant change from 2017 to 2019.

[^6]:    * Significant difference based on chi-square test analysis p <0.05

[^7]:    * Significant difference based on chi-square test analysis p <0.05

