## Hillsborough County Public Schools

## 2019 Youth Risk Behavior Survey & 2020 School Health Profiles



**Data Highlights** 



#### Produced by:

Hillsborough County Public Schools K-12 Academics CDC Grant Team

#### **Ashlee Cappucci**

CDC Grant Project Director Supervisor of K-12 PE, Health, & Dance

#### Lauren Woodward

CDC Grant Program Manager Coordinator of Comprehensive Health Education

This publication was supported by Grant or Cooperative Agreement number 5NU87PS004293, funded by the Centers for Disease Control and Prevention. Its contents are solely the responsibility of the authors and do not necessarily represent the official views of the Centers for Disease Control and Prevention or the Department of Health and Human Services.

# Table of Contents

Promoting Adolescent Health through School- Based HIV Prevention Grant	1
Youth Risk Behavior Survey (YRBS)	
2019 High School YRBS Data Highlights	15
Safety, Violence, and Mental Health	17
Alcohol and Drugs	21
Tobacco Use	23
Weight Management	26
Physical Activity	28
Nutrition	31
Sexual Behavior	33
Sexual Identity	39
School Connectedness	48
Academic Achievement	49
2019 Career Center YRBS Data Highlights	51
Safety, Violence, and Mental Health	53
Alcohol and Drugs	57
Tobacco Use	59
Weight Management	62
Physical Activity	64
Nutrition	67
Sexual Behavior	69
Sexual Identity	73
School Connectedness	81
Academic Achievement	82
School Health Profiles (Profiles)	85
2020 Principal Profiles Survey Results	
Safe and Supportive Environments	87
Physical Education	89
School Health Services	90
Nutrition	91
Family Engagement	93
2020 Teacher Profiles Survey Results	94

## Promoting Adolescent Health through School-Based HIV Prevention Grant

The Centers for Disease Control and Prevention's (CDC) Division of Adolescent and School Health (DASH) has established an evidence-based approach schools can implement to help prevent HIV, STDs, and unintended pregnancy among adolescents. This includes school based surveillance, delivering sexual health education, increasing access to sexual health services, and promoting safe and supportive environments. Hillsborough County Public Schools was awarded this 5 year grant in August 2018.

#### School Based Surveillance

School based surveillance determines
 the prevalence of health risk behaviors,
 assesses trends, and collects data on
 health policies and activities in schools.
 This consists of conducting the Youth
 Risk Behavior Survey (YRBS) and School
 Health Profiles (Profiles) survey. This
 data provides comparisons to data from
 the nation, state, and other districts.



#### Sexual Health Education

 Quality sexual health education (SHE) is a systematic approach to preparing students with the knowledge and skills needed to make informed health decisions to prevent HIV, STDs, and unintended pregnancy. Sexual health education addresses the knowledge and skills students need before risk behaviors and health issues emerge.



#### Sexual Health Services

Increasing student access to key
preventative sexual health services (SHS),
including specific services like HIV and
STD testing, as well as more broad
preventative measures like conducting
sexual risk assessments, creating
adolescent-friendly clinical environments,
and providing counseling about
preventative behaviors, has been shown
to reduce HIV, STDs, and unintended
pregnancy among adolescents.

### Safe & Supportive Environments

 Creating safe and supportive environments (SSE) emphasizes aspects of school settings and family relationships that can protect adolescents and reduce their risk for HIV, STDs, and unintended pregnancy. These protective factors include school connectedness, parental monitoring, and parent-adolescent communication.

## Youth Risk Behavior Survey 2019 High School Data Highlights



## Youth Risk Behavior Survey



Hillsborough County Public Schools

The Youth Risk Behavior Survey (YRBS) consist of:



one survey



conducted in all regular public high schools



completed by randomly selected classes



occurs every two years

The Youth Risk Behavior Survey (YRBS) monitors health-related behaviors that contribute to the leading causes of death and disability among youth and adults, including:

- Behaviors that contribute to unintentional injuries and violence
- Sexual behaviors related to unintended pregnancy and sexually transmitted diseases, including HIV infection
- Alcohol and other drug use
- Tobacco use
- Unhealthy dietary behaviors
- Inadequate physical activity

# YRBS Results on Safety, Violence, and Mental Health

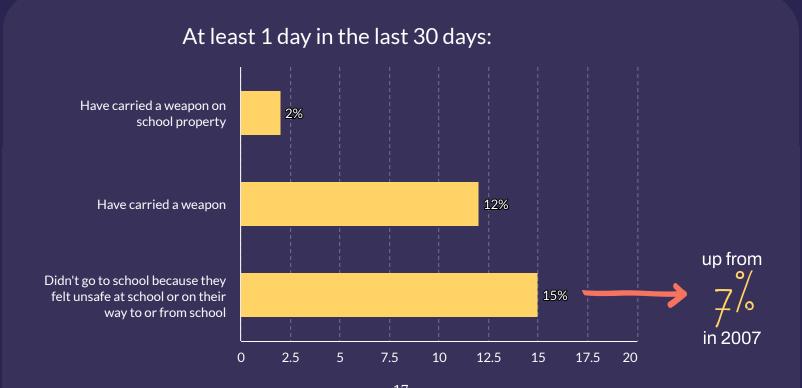


Hillsborough County Public Schools 2019

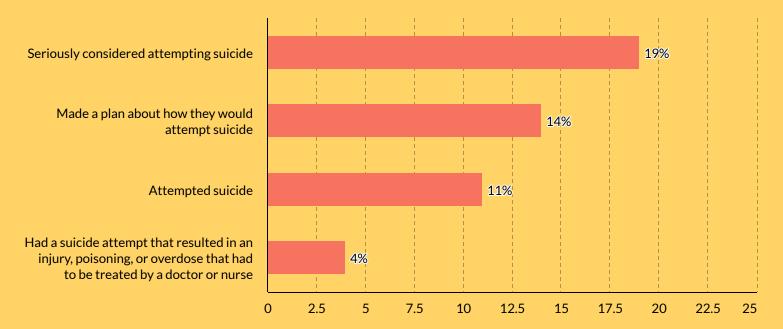
Among Hillsborough County Public High School Students:

have been threatened or injured with a weapon on school property in the last 12 months

have been in a physical fight on school property in the last 12 months



#### In the last 12 months, student have:





38%

have felt sad or hopeless almost every day for 2 weeks in a row or more



were ever physically forced to have sexual intercourse

13%

experienced sexual violence\* in the last 12 months

10%

experienced sexual dating violence in the last 12 months

11/0

experienced physical dating violence\*\* in the last 12 months

\*being forced to do sexual things, such as kissing, touching, or being physically forced to have sexual intercourse
\*\*being physically hurt on purpose by someone they were dating or going out with

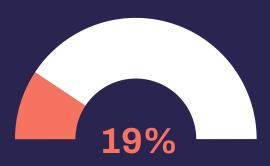




8% rarely or never wore a seat belt



drove when they had been drinking alcohol, in the last 30 days



rode with a driver who had been drinking alcohol, in the last 30 days





## YRBS Results on Alcohol and Drugs

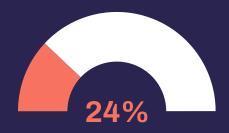


Hillsborough County Public Schools 2019

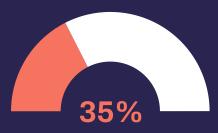
Among Hillsborough County Public High School Students:



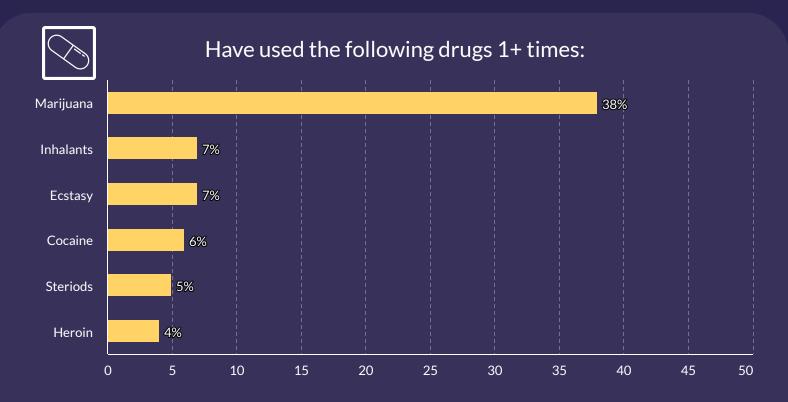
have had their first drink of alcohol before the age of 13



drank alcohol at least 1 day in the last 30 days



usually got their alcohol they drank by someone giving it to them





tried marijuana for the first time before the age of 13



used marijuana 1+ times in the last 30 days



## 

28%

were offered, sold, or given an illegal drug on school property

## YRBS Results on Tobacco Use

Hillsborough County Public Schools 2019



Among Hillsborough County Public High School Students:



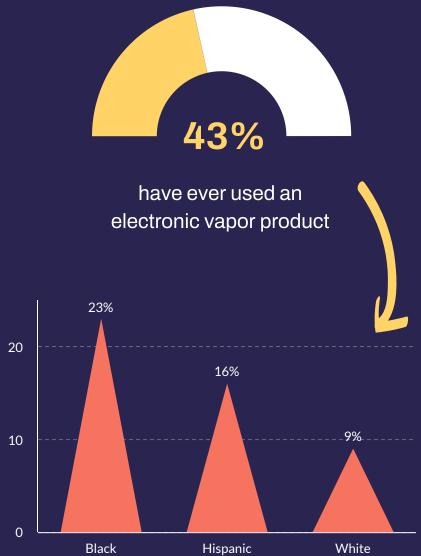
have ever tried cigarettes

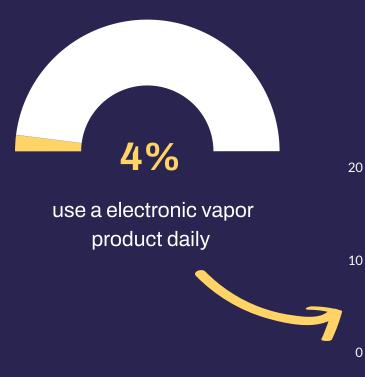


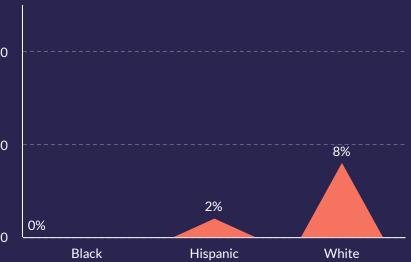
down from 46% in 2007





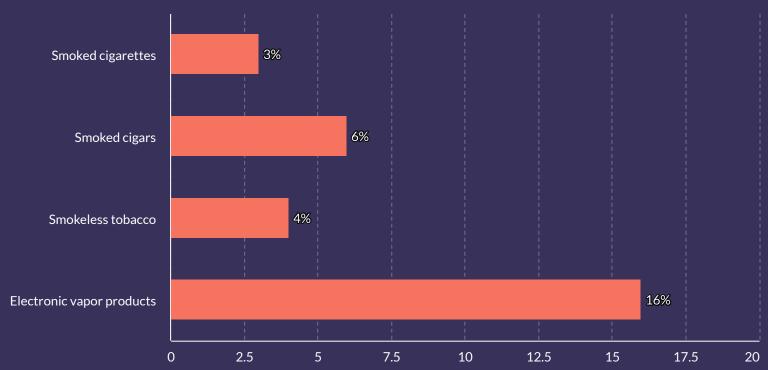










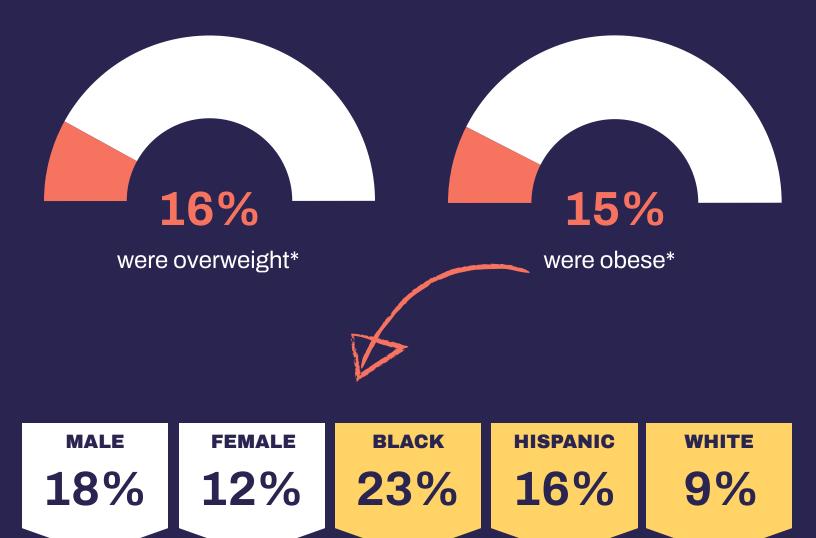


# YRBS Results on Weight Management



Hillsborough County Public Schools 2019

Among Hillsborough County Public High School Students:







29% described themselves as slightly or very overweight

23% of males 34% of females





33% of males 56% of females



44%

were trying to lose weight

# YRBS Results on Physical Activity

Hillsborough County Public Schools 2019

Among Hillsborough County Public High School Students:

**大大大大** 大大大大 35%

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

attended physical education classes on all 5 days in an average school week



played on at least one sports team during the school year





MALE **14%** 

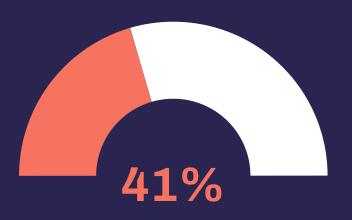
**25%** 

BLACK **22%** 

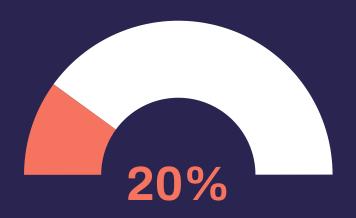
**14%** 

**16%** 





played video or computer games or used the computer for 3+ hours on an average school day



watched television for 3+ hours on an average school day



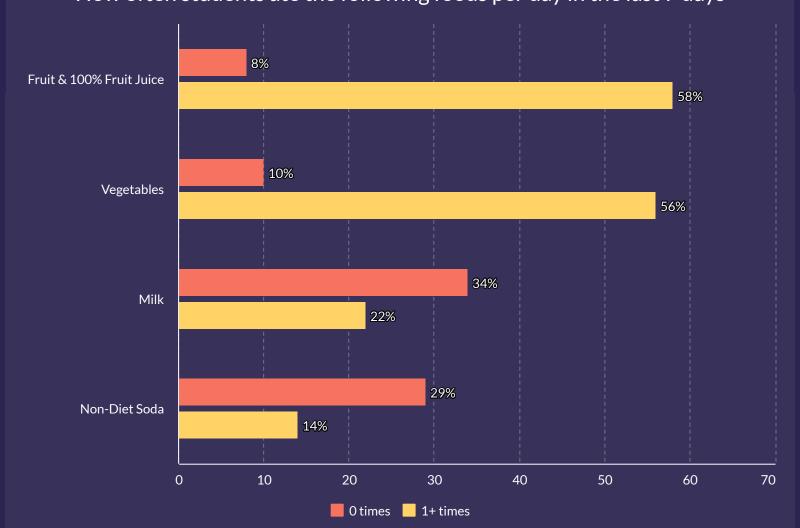
## YRBS Results on Nutrition

Hillsborough County Public Schools 2019



Among Hillsborough County Public High School Students:

How often students ate the following foods per day in the last 7 days





did not eat breakfast during the last 7 days



ate breakfast everyday during the last 7 days

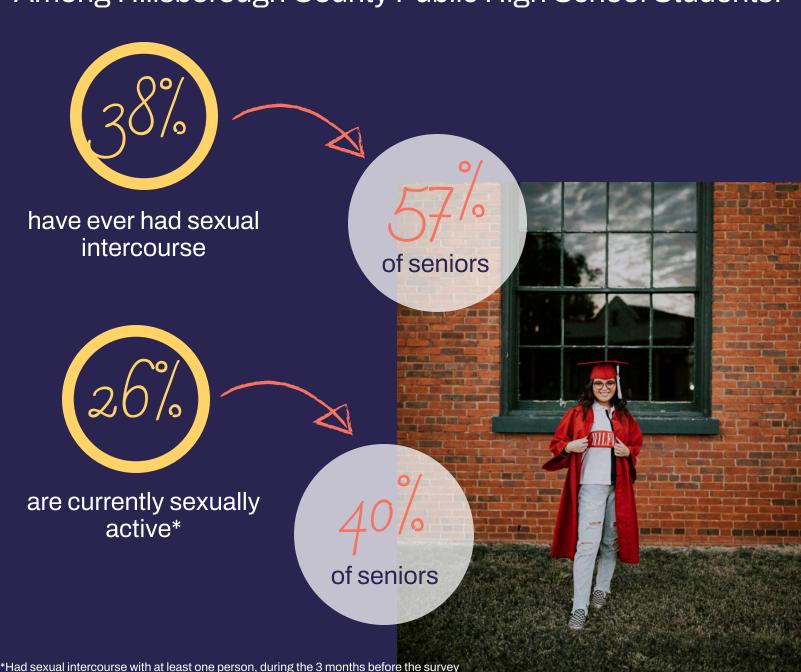


## YRBS Results on Sexual Behavior



Hillsborough County Public Schools 2019

Among Hillsborough County Public High School Students:



## 

18% drank alcohol or used drugs before last sexual intercourse\*





used birth control pills, an IUD or implant, or a shot, patch, or 26% birth control ring before last sexual intercourse to prevent pregnancy\*

#### During last sexual intercourse\*:





used a condom and another recommended form of birth control



did not use any method to prevent pregnancy



up from 10% in 2005



had sexual intercourse for the first time before the age of 13



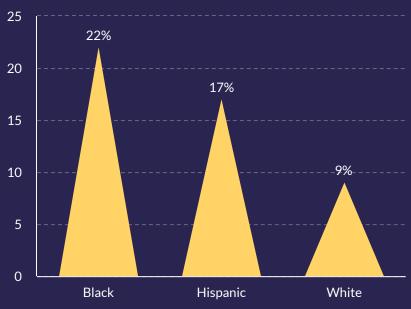
have had sexual intercourse with 4 or more people

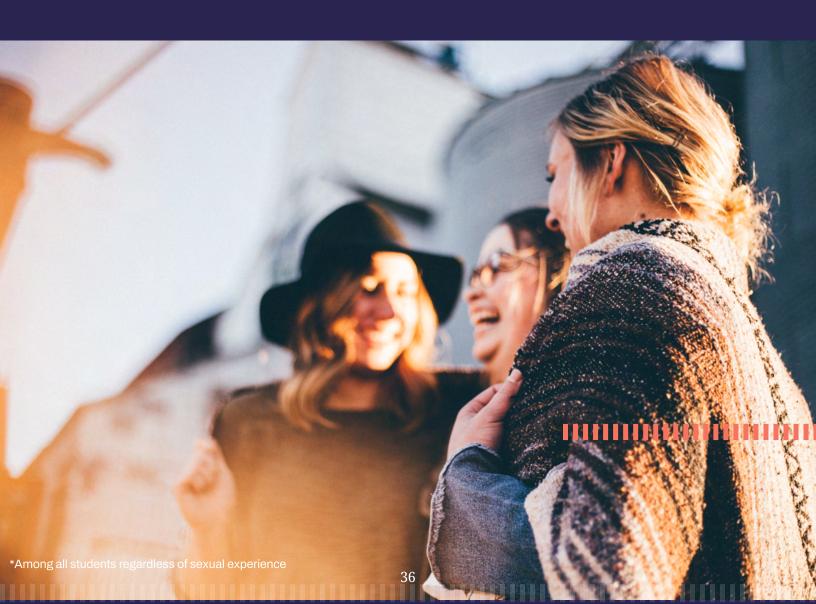
<sup>\*</sup>Among students who had sexual intercourse with at least one person, during the 3 months before the survey

<sup>\*\*</sup>Female students who had sexual contact with only females are excluded

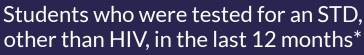


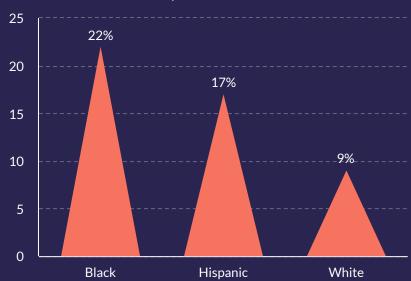
#### Students who were ever tested for HIV\*











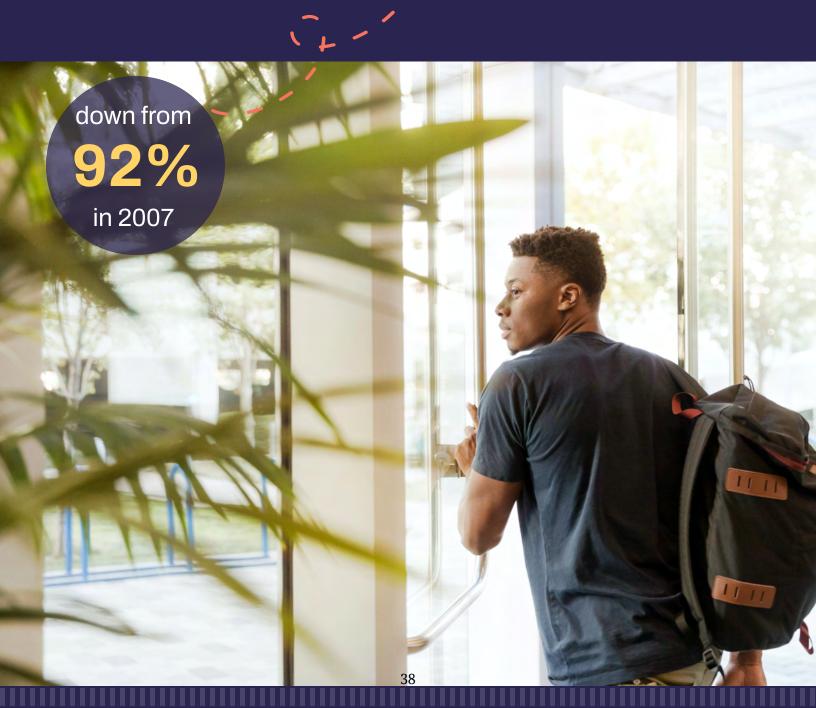


have been tested for an STD, other than HIV, in the last 12 months\*



## 

63% have ever been taught about HIV/AIDS in school

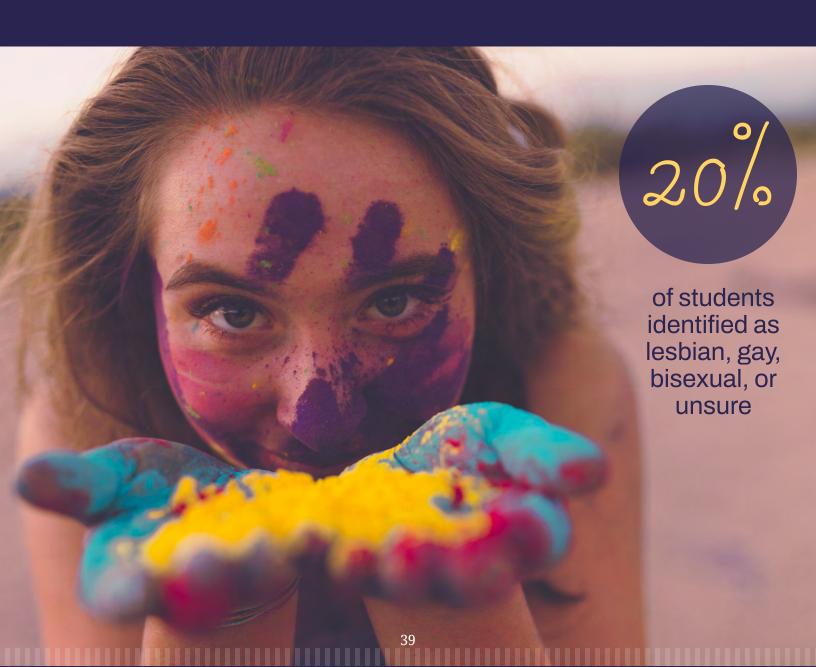


# YRBS Results on Sexual Identity

Hillsborough County Public Schools 2019



Among Hillsborough County Public High School Students:



Heterosexual Students

Lesbian, Gay, Bisexual (LGB) Students

#### In the last 12 months:

Didn't go to school because
they felt unsafe at school or
on their way to or from
school

11%

26%

Were threatened or injured with a weapon on school property

4%

**16%** 

Were bullied on school property

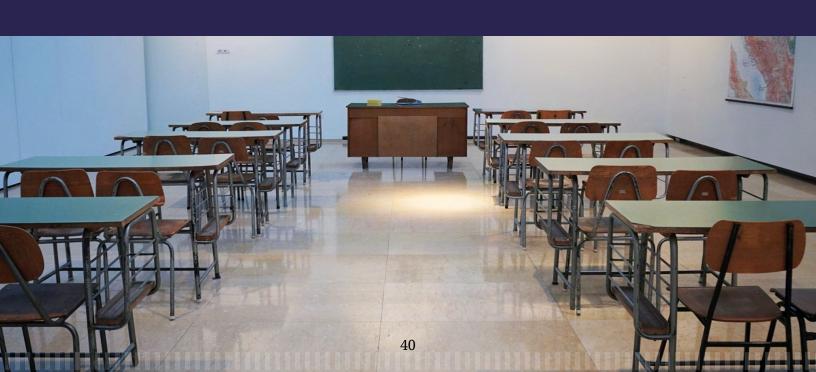
13%

25%

Were electronically bullied

11%

22%





9%
of heterosexual students

Have experienced sexual violence in the last 12 months\*

30% of LGB students

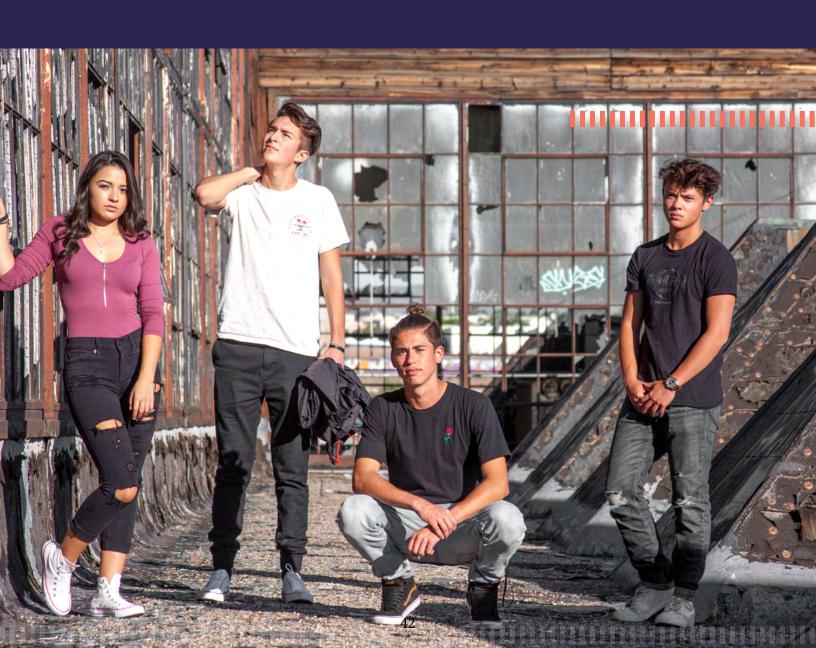
9%
of heterosexual students

Were physically forced to have sexual intercourse

23% of LGB students



have felt sad or hopeless almost everyday for 2 weeks or more in a row in the last 12 months



## Have seriously considered attempting suicide in the last 12 months:



14% of heterosexual students

VS



39% of LGB students



of heterosexual students

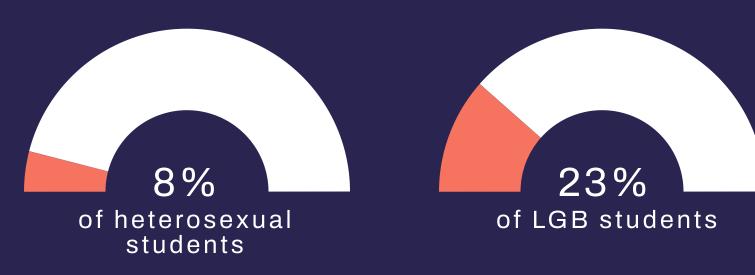


of LGB students

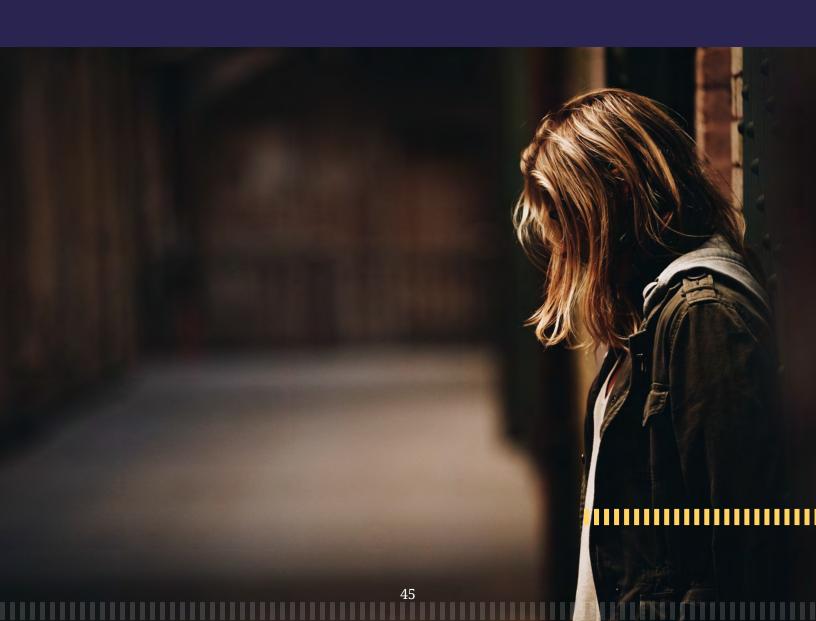
Have made a plan about how they would attempt suicide in the last 12 months

VS



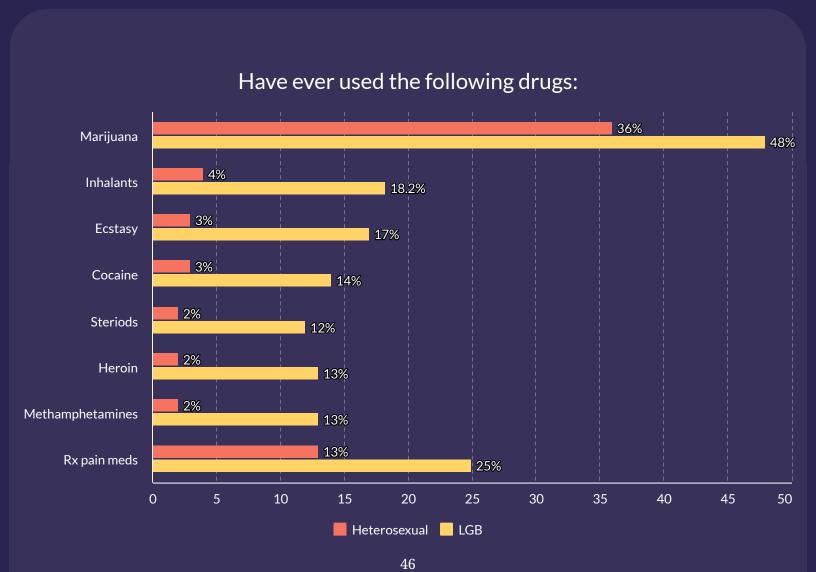


have attempted suicide in the last 12 months





had their first drink of alcohol before the age of 13





Heterosexual Students Lesbian, Gay, Bisexual (LGB) Students

Did not use a condon	n
during last sexual	
intercourse	

39%

54%

Described their grades as mostly C's, D's, or F's in the last year

22%

35%

Felt close to people at their school

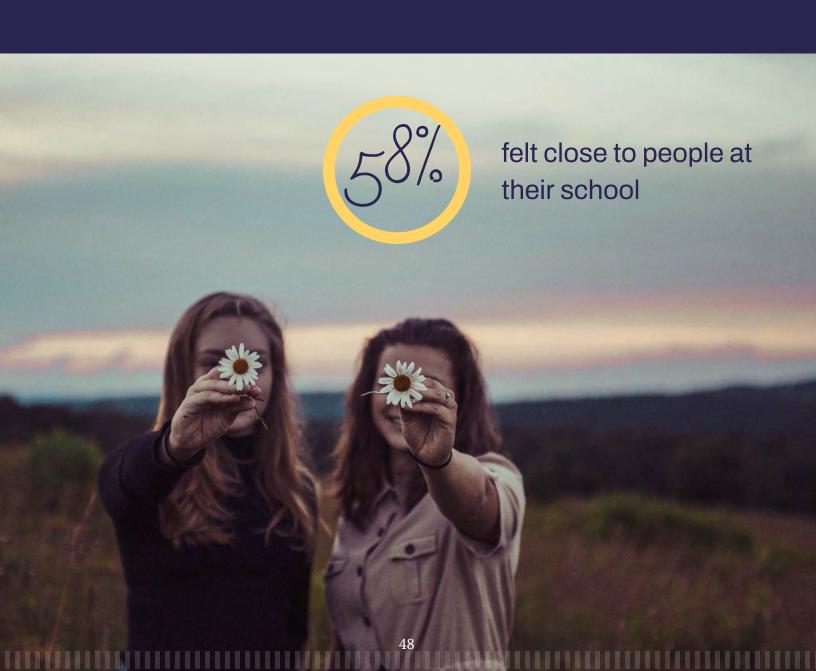
38%

56%

## YRBS Results on School Connectedness

Hillsborough County Public Schools 2019





# YRBS Results on Academic Achievement



Hillsborough County Public Schools 2019

Among Hillsborough County Public High School Students:



#### Students who reported the following also reported having lower grades:

- Carried a weapon on or off school property
- Did not go to school because they felt unsafe
- Were in a physical fight on or off school property
- Were physically forced to have sexual intercourse
- Experienced sexual violence, sexual dating violence, or physical dating violence
- Were electronically bullied
- Felt sad or hopeless almost every day for 2 or more weeks in a row
- Seriously considered attempting suicide, made a plan about how they would attempt suicide, and attempted suicide

- Smoked cigarettes', cigars, electronic vapor products, or used smokeless tobacco
- Had their first drink of alcohol before the age of 13
- Drove when they had been drinking
- Used marijuana, synthetic marijuana, prescription pain meds (other than how they were prescribed), cocaine, inhalants, heroin, methamphetamines, ecstasy, or steroids without a doctor's prescription
- Were offered, sold, or given an illegal drug on school property
- Had sexual intercourse
- Described themselves as slightly or very overweight



#### Youth Risk Behavior Survey 2019 Career Center Data Highlights



### Youth Risk Behavior Survey



Hillsborough County
Public Schools

#### The **Youth Risk Behavior Survey (YRBS)** consist of:



one survey



conducted in all four Career Centers



completed by all 9th-12th grade students



occurs every two years

The Youth Risk Behavior Survey
(YRBS) monitors health-related
behaviors that contribute to the
leading causes of death and
disability among youth and adults,
including:

- Behaviors that contribute to unintentional injuries and violence
- Sexual behaviors related to unintended pregnancy and sexually transmitted diseases, including HIV infection
- Alcohol and other drug use
- Tobacco use
- Unhealthy dietary behaviors
- Inadequate physical activity

# YRBS Results on Safety, Violence, and Mental Health



Hillsborough County Public Schools 2019

Among Hillsborough County Career Center Students:

have been threatened or injured with a weapon on school property in the last 12 months

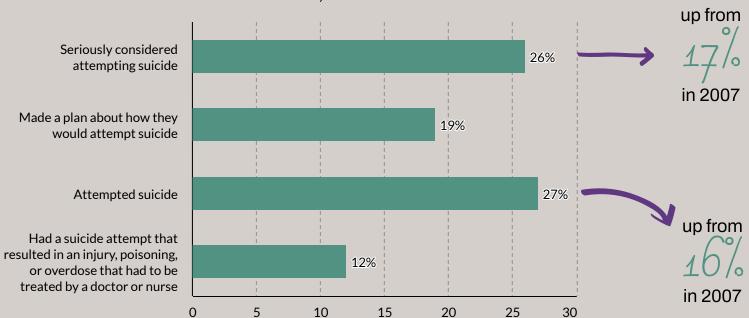
have been in a physical fight on school property in the last 12 months

#### At least 1 day in the last 30 days:



53

#### In the last 12 months, student have:







46%

have felt sad or hopeless almost every day for 2 weeks in a row or more



were ever physically forced to have sexual intercourse

18%

experienced sexual violence\* in the last 12 months

12%

experienced sexual dating violence in the last 12 months

19%

experienced physical dating violence\*\* in the last 12 months

\*being forced to do sexual things, such as kissing, touching, or being physically forced to have sexual intercourse
\*\*being physically hurt on purpose by someone they were dating or going out with





18% rarely or never wore a seat belt



drove when they had been drinking alcohol, in the last 30 days



rode with a driver who had been drinking alcohol, in the last 30 days



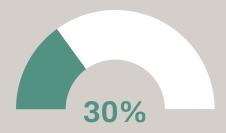


### YRBS Results on Alcohol and Drugs

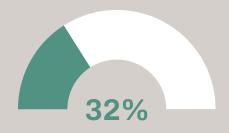


Hillsborough County Public Schools 2019

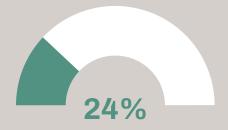
#### Among Hillsborough County Career Center Students:



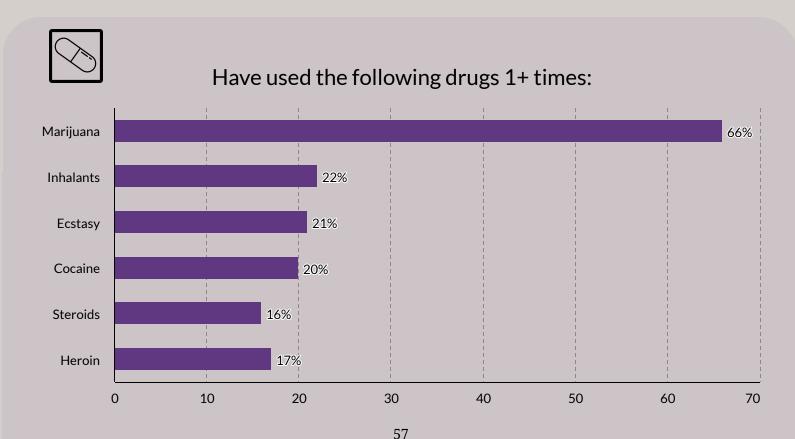
have had their first drink of alcohol before the age of 13



drank alcohol at least 1 day in the last 30 days



usually got their alcohol they drank by someone giving it to them





tried marijuana for the first time before the age of 13



used marijuana 1+ times in the last 30 days



28%

were offered, sold, or given an illegal drug on school property

## YRBS Results on Tobacco Use

Hillsborough County Public Schools 2019



Among Hillsborough County Career Center Students:



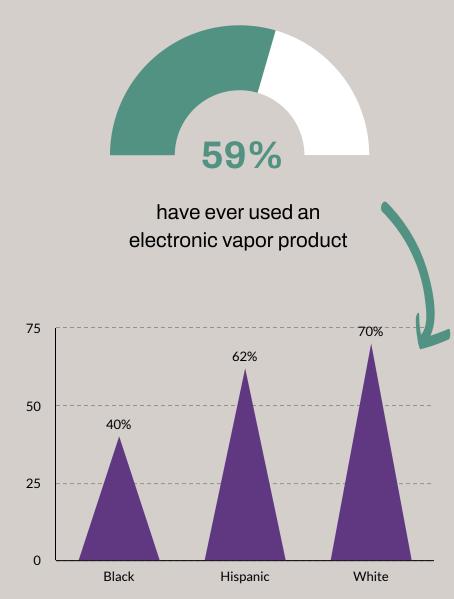
have ever tried cigarettes

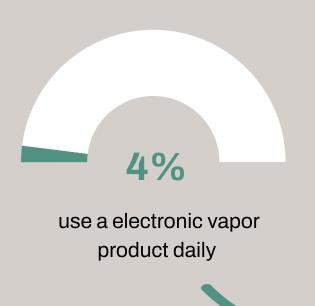


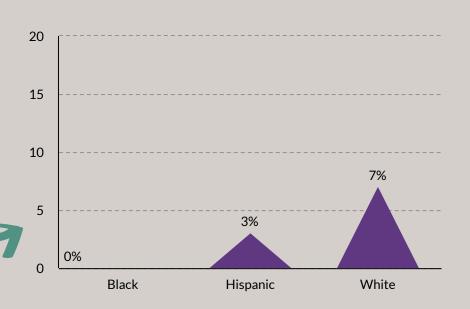
down from 67% in 2007





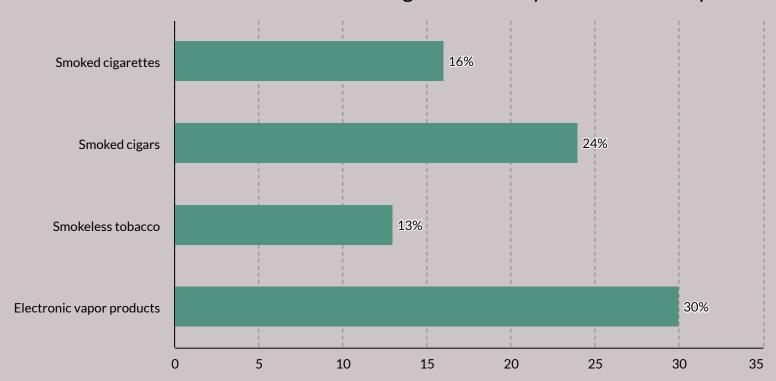








#### Students who have used the following at least 1 day in the last 30 days:



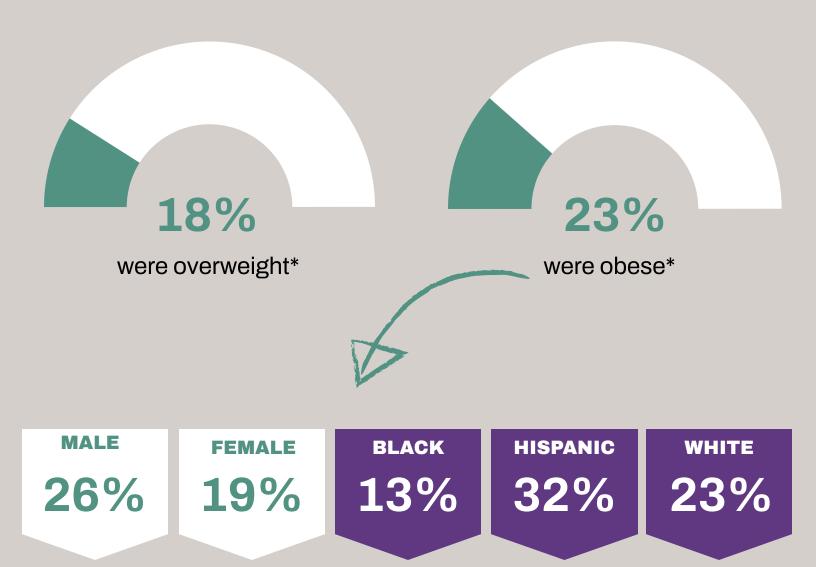
61

## YRBS Results on Weight Management



Hillsborough County Public Schools 2019

Among Hillsborough County Career Center Students:







30% described themselves as slightly or very overweight

31% of males 30% of females





47% of males 56% of females



**51%** were trying to lose weight

## YRBS Results on Physical Activity

Hillsborough County Public Schools 2019

Among Hillsborough County Career Center Students:

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



attended physical education classes on all 5 days in an average school week



played on at least one sports team during the school year





did not participate in at least 60 minutes of physical activity on at least 1 day in the last week



MALE

**FEMALE** 29% 35% BLACK

31%

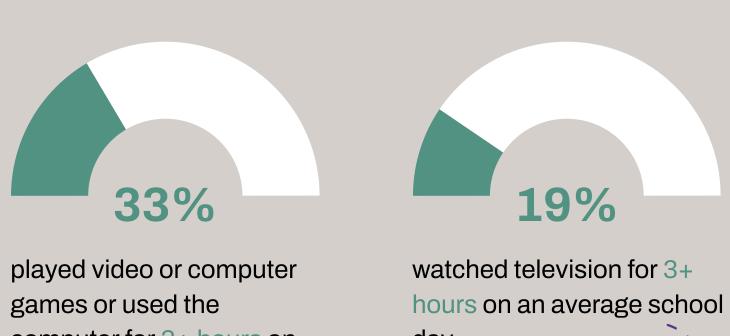
HISPANIC

35%

WHITE

28%





computer for 3+ hours on day an average school day down from up from in 2007 in 2007

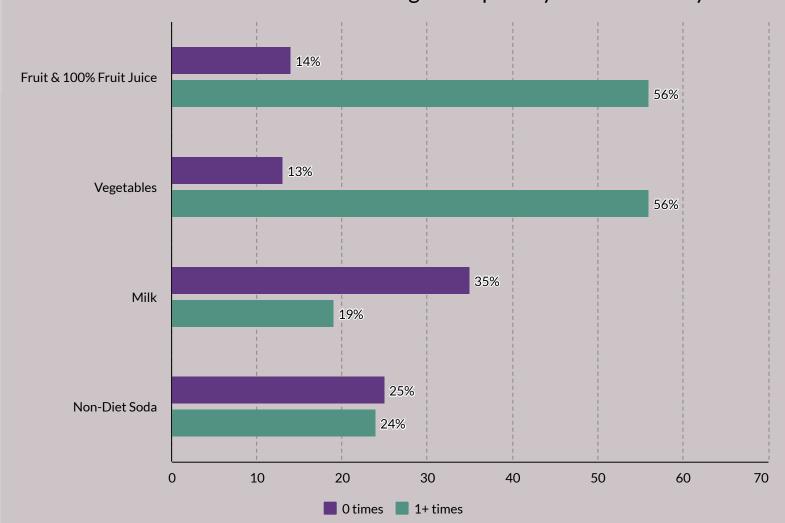
### YRBS Results on Nutrition

Hillsborough County Public Schools 2019



#### Among Hillsborough County Career Center Students:

How often students ate the following foods per day in the last 7 days:





did not eat breakfast during the last 7 days



ate breakfast everyday during the last 7 days

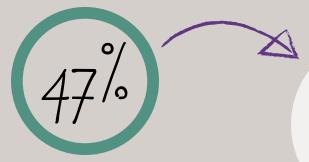


### YRBS Results on Sexual Behavior



Hillsborough County Public Schools 2019

Among Hillsborough County Career Center Students:



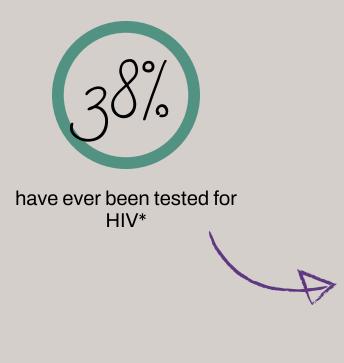
are currently sexually active\*



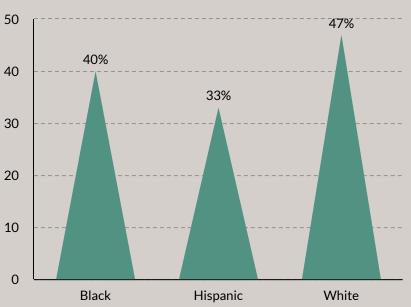
have had sexual intercourse with 4 or more people



<sup>\*</sup>Had sexual intercourse with at least one person, during the 3 months before the survey



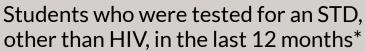
#### Students who were ever tested for HIV\*

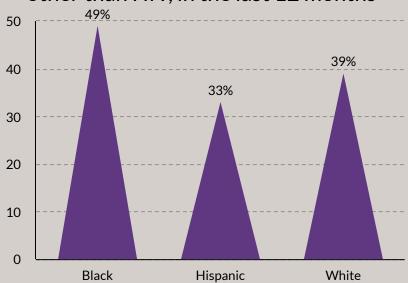


\*Among all students regardless of sexual experience





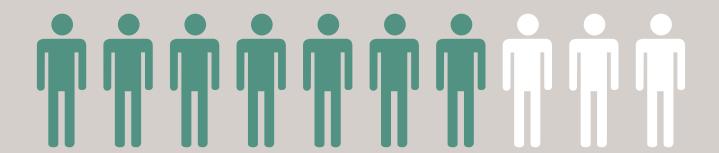






have been tested for an STD, other than HIV, in the last 12 months\*





69% have ever been taught about HIV/AIDS in school



### YRBS Results on Sexual Identity

Hillsborough County Public Schools 2019



Among Hillsborough County Career Center Students:



#### Heterosexual Students

Lesbian, Gay, Bisexual (LGB) Students

#### In the last 12 months:

Didn't go to school because
they felt unsafe at school or
on their way to or from
school

14%

31%

Were threatened or injured with a weapon on school property

12%

23%

Carried a weapon on school property

6%

17%

Were electronically bullied

17%

29%





11% of heterosexual students

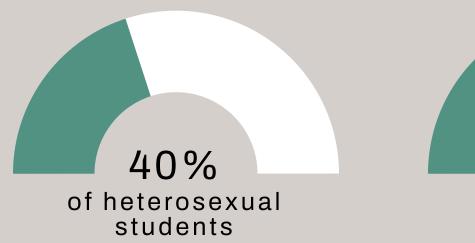
Have experienced sexual violence in the last 12 months\*

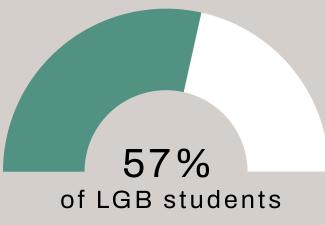
33% of LGB students

11% of heterosexual students

Were physically forced to have sexual intercourse

36% of LGB students





have felt sad or hopeless almost everyday for 2 weeks or more in a row in the last 12 months



### Have seriously considered attempting suicide in the last 12 months:

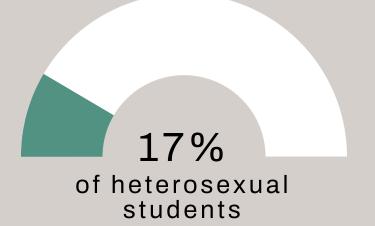


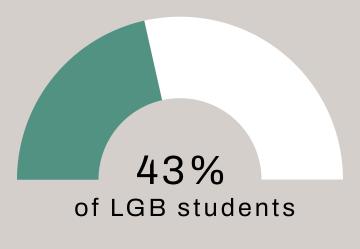
20% of heterosexual students

**VS** 



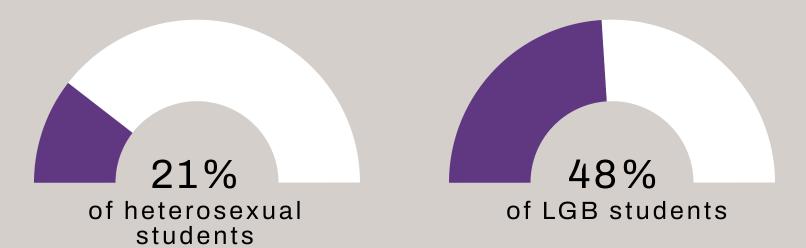
38% of LGB students



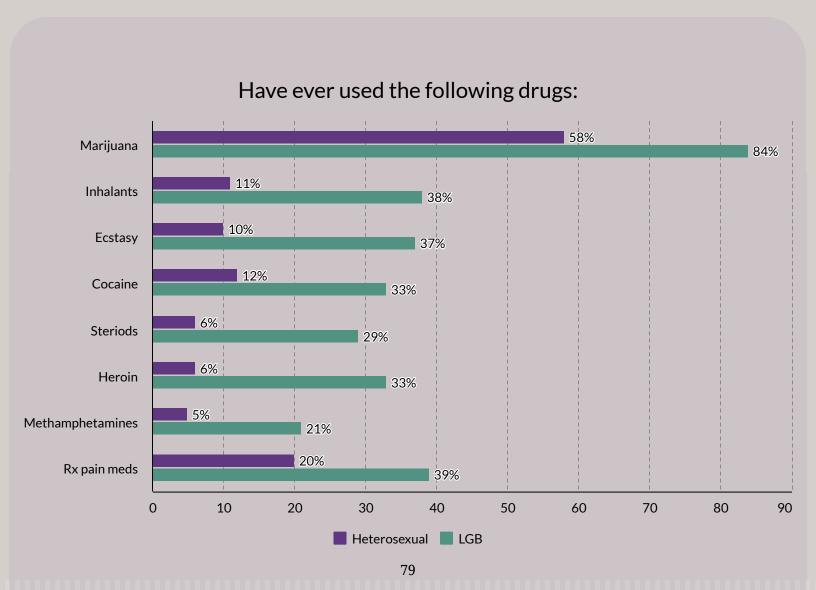


have attempted suicide in the last 12 months

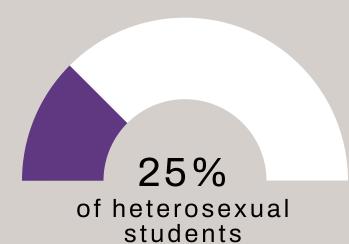


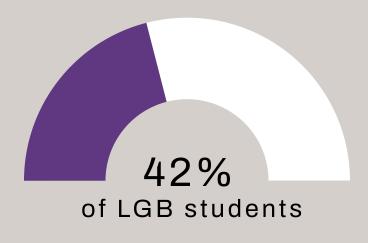


had their first drink of alcohol before the age of 13









have not been taught about HIV in school

## YRBS Results on School Connectedness

Hillsborough County Public Schools 2019





# YRBS Results on Academic Achievement



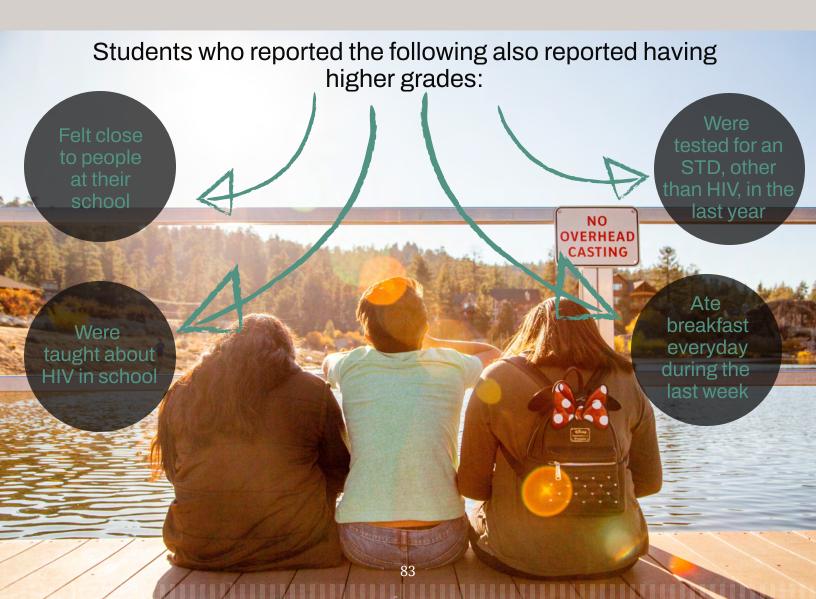
Hillsborough County Public Schools 2019

Among Hillsborough County Career Center Students:



### Students who reported the following also reported having lower grades:

- Were in a physical fight
- Ever used prescription pain meds (other than how they were prescribed) or cocaine
- · Were currently sexual active
- Played video or computer games or used a computer 3 or more hours per day



#### School Health Profiles 2020 Data Highlights





School Health Profiles

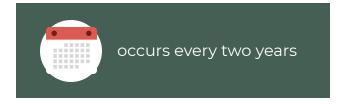
> Hillsborough County Public Schools

#### The **School Health Profiles** consist of:









School Health Profiles is a survey created by the Centers for Disease Control (CDC) that assesses school health policies and practices in the following areas:

- Physical education & activity
- Bullying & sexual harassment
- ▼ Tobacco-use prevention
- Nutrition
- School health services
- Family & community engagement

Hillsborough County Public Schools conducted the School Health Profiles survey in all public middle and high schools in Spring 2020.

Response rates in 2020:



**79**%

Principal

95%

Lead Health Education Teacher



Principal Survey Results on Safe & Supportive Enviornments

> Hillsborough County Public Schools 2020

100% of high schools

Identify "safe spaces" (e.g., a counselor's office, designated classroom, or student organization) where LGBTQ youth can receive support from administrators, teachers, or other school staff

97.1%

of middle schools

100% of high schools

Encourage staff to attend professional development on safe and supportive school environments for all students, regardless of sexual orientation or gender identity

80.4% of middle schools

95.5% High schools

75.2% Middle schools

have a student led club that aims to create a safe, welcoming, and accepting school environment for all youth, regardless of sexual orientation or gender identity

81%

56.9%

OF HIGH **SCHOOLS**  OF MIDDLE **SCHOOLS** 

Currently implement schoolbased service-learning programs

90.9% 79.1%

OF HIGH **SCHOOLS**  OF MIDDLE **SCHOOLS** 

Currently implement schoolbased mentoring programs



68.2% 45.6%

OF HIGH **SCHOOLS**  **OF MIDDLE SCHOOLS** 

Currently connect students to community-based servicelearning programs

86.4% 54.3%

OF HIGH **SCHOOLS** 

OF MIDDLE **SCHOOLS** 

Currently connect students to community-based mentoring programs

Principal Survey Results on Physical Education

Hillsborough County Public Schools 2020



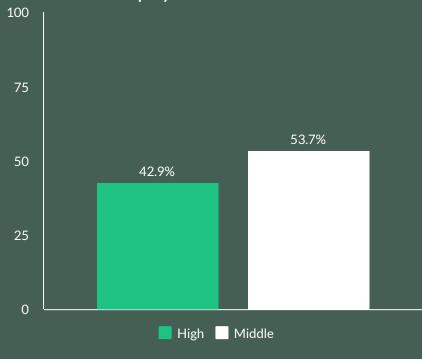
26.1%

of middle and high schools limit physical education class sizes so that they are the same size as other subject areas





Percentage of schools in which students participate in physical activity in classrooms during the school day outside of physical education



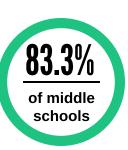
Principal Survey Results on School Health Services

Hillsborough County Public Schools 2020

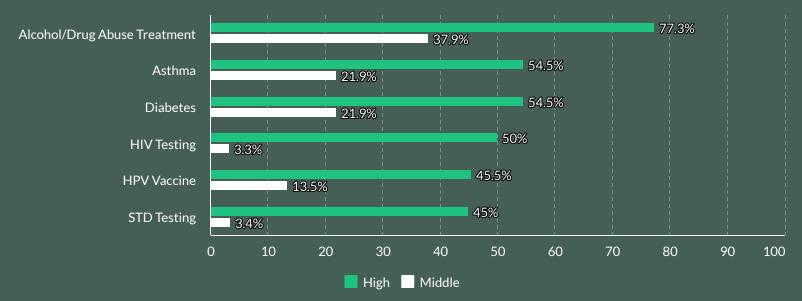




have a full-time registered nurse who provides health services to students



Percentage of schools that provide students with referrals to any organizations or health care professionals not on school property for the following services

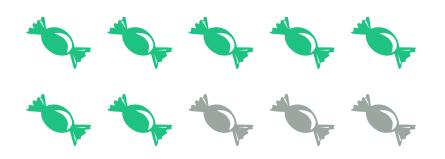


Principal Survey Results on

Nutrition

Hillsborough County Public Schools 2020





69.7%

Of middle and high schools prohibit advertisements for candy, fast food restaurants, or soft drinks in school buildings.

60%

Of middle and high schools prohibit advertisements for candy, fast food restaurants, or soft drinks on school grounds including on the outside of the school building, on playing fields, or other areas on the campus.





46.3% Middle schools

Allow students to purchase snack foods or beverages from one or more vending machines at the school or at a school store, canteen, or snack bar.

31.8%

OF HIGH SCHOOLS 27.7%

OF MIDDLE SCHOOLS

Prohibited less nutritious foods and beverages (e.g. candy, backed goods) from being sold for fundraising purposes during the 2019-2020 school year.



90.9%

OF HIGH SCHOOLS 65.1%

OF MIDDLE SCHOOLS

Encouraged students to drink plain water during the 2019-2020 school year.



Principal Survey Results on Family Engagement

> Hillsborough County Public Schools 2020





















68.5%

of middle and high schools linked parents and families to health services and programs in the community

Percentage of middle and high schools that provided parents with the following information:



Parent-adolescent communication about sex



Parent-adolescent communication about topics other than sex



How to monitor their teen



One-on-one time between adolescents and their health care provider



Before- or after-school programs available in the community

Lead Health Education Teacher Survey Results

Hillsborough County Public Schools 2020





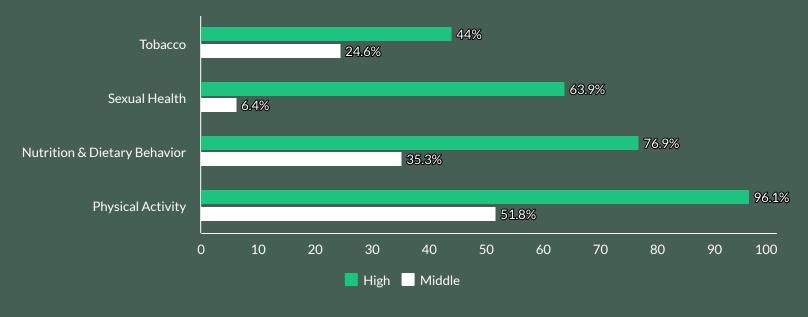
#### of high schools reported teachers trying to increase student knowledge on:

- Alcohol- or other drug-use prevention
- Chronic disease prevention (e.g., diabetes, obesity prevention)
- Emotional and mental health
- HIV prevention
- Infectious disease prevention (e.g., flu)
- Injury prevention and safety
- Nutrition and dietary behavior
- Physical activity and fitness
- STD prevention
- Suicide prevention
- Tobacco-use prevention
- Violence prevention (e.g., bullying, fighting, dating violence prevention)



gave students health education homework assignments or activities to do at home with their parents during the 2019-2020 school year.

Percentage of schools that taught all CDC recommended subtopics for the following health topics in a required course during the 2019-2020 school year



Topics that the lead health education teacher would most like to receive professional development on\*:

77.6%	Teaching skills for behavior change	75%	Teaching students with physical, medical, or cognitive disabilities
77.5%	Emotional and mental health	73.2%	Violence prevention (e.g., bullying, fighting, dating violence)
75.5%	Nutrition and dietary behaivor	70.4%	Physical activity and fitness

\*Middle and high school combined

