



# 2023 Be@School Conference: Student Experiences

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Minnesota Department of Education

# In this Presentation today

## **1. Background**

## **2. MSS 2022 Data**

- Education Environment
- Student Experiences
- Student-Teacher Relationships
- Connecting to Health

## **3. Use Examples and Discussion**

# MSS Background



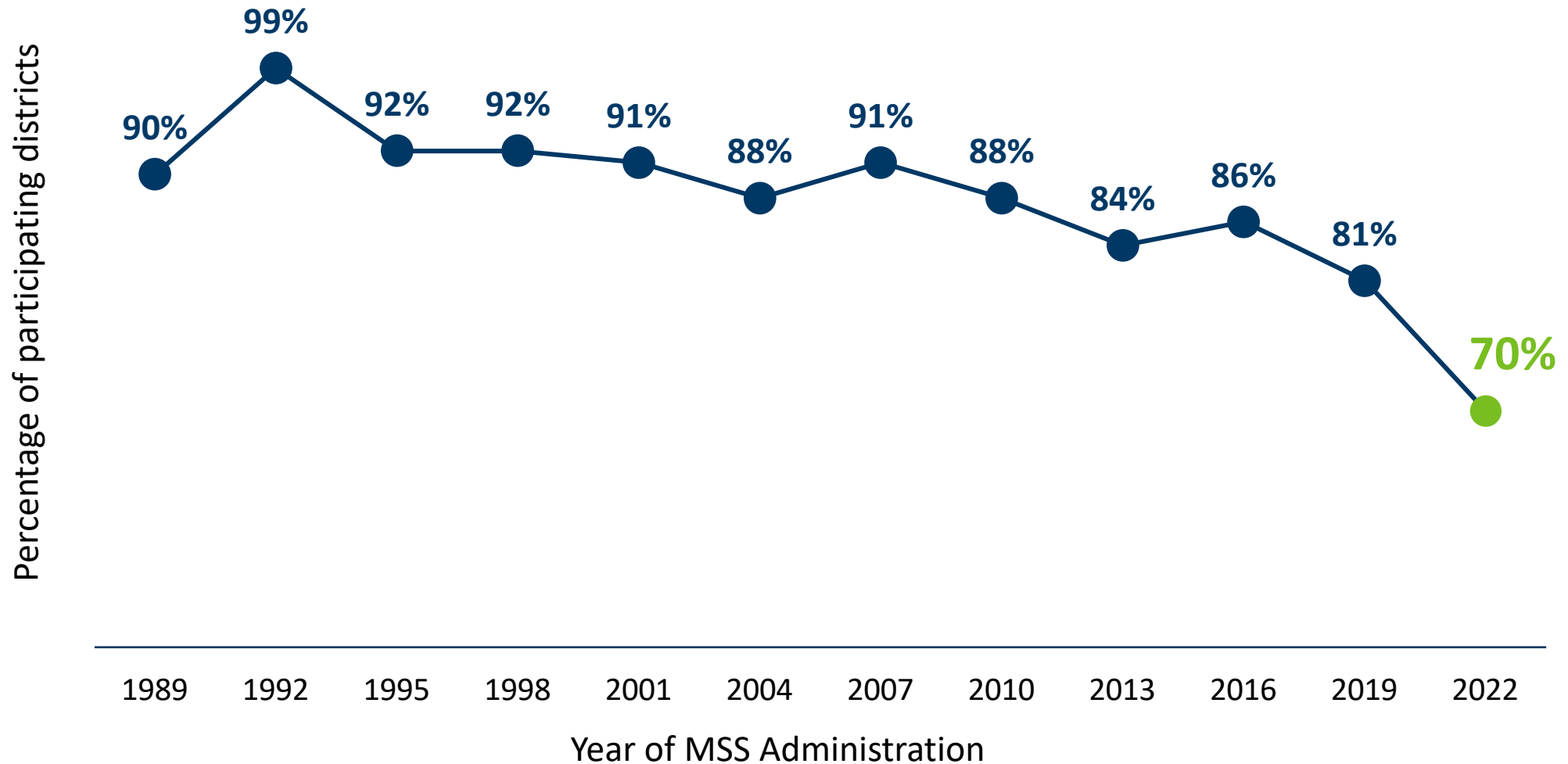
# MSS Interagency Team

- Administered by five state agencies
  - Corrections
  - Education
  - Health
  - Human Services
  - Public Safety
- Conducted every three years since 1989

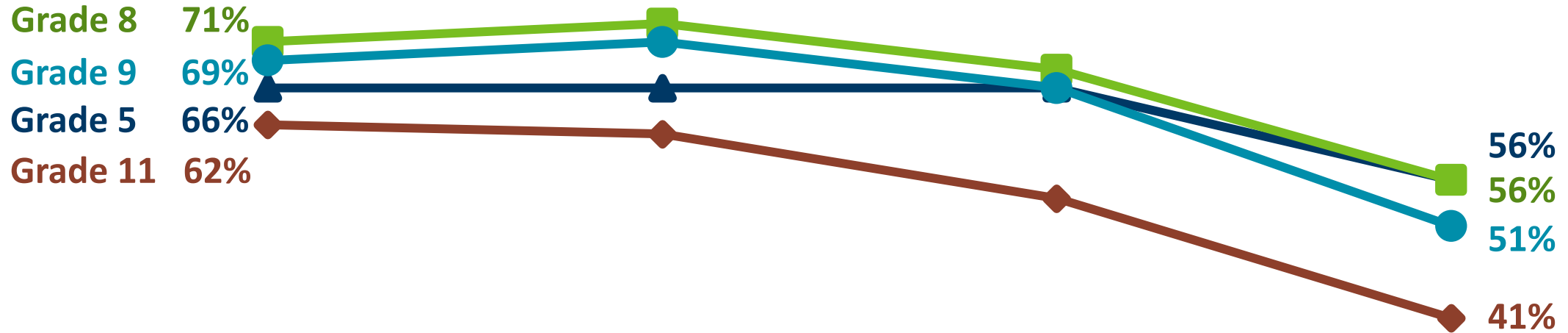
# Methodology

- Census design instead of random sample
- Voluntary and anonymous
- Three age-appropriate versions of the survey
  - Level 1 = grade 5
  - Level 2 = grade 8
  - Level 3 = grades 9 and 11; JCFs

# District participation decreased in 2022.



# 11<sup>th</sup> graders fell below 50% of total enrollment in 2022.



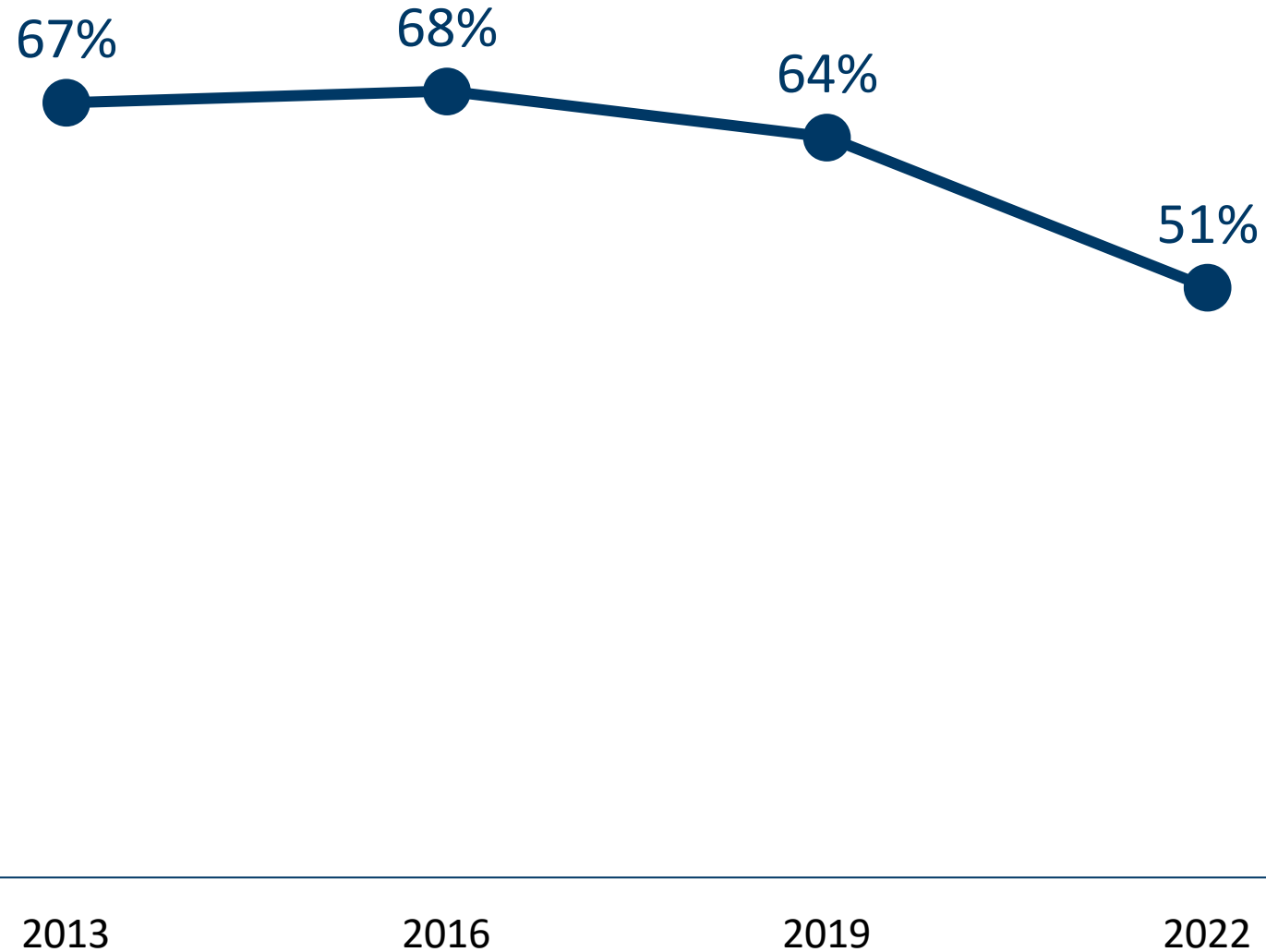
2013

2016

2019

2022

51% of enrolled students in grades 5, 8, 9, and 11 participated in 2022.





# MSS Content

## Demographics

## School Experiences

- School plans
- College and career support
- School attendance
- Educational engagement
- Supportive school environment
- Perceptions of safety
- Bullying/harassment
- School resource officer

## Out-of-School Time Experiences

- Activity participation
- Quality of experiences

## Social Emotional Learning

- Positive Identity
- Social Competence
- Empowerment

## Health

- Physical health (BMI, chronic illness)
- Healthy eating
- Physical activity
- Mental health

# MSS Content

## Risk Factors (grade 8, 9 and 11)

- Self-inflicted injury
- Suicide (consideration and attempts)
- Relationship violence
- Adverse childhood experiences

## Substance Use (grade 8, 9, 11)

- Alcohol
- Tobacco
- Other Drugs
- Perceptions of risk

## Sexual Health (grade 9, 11)

- Sexual intercourse
- Contraception

# Note about MSS Graphs

- 3 different MSS instruments (L1, L2, L3)
- MSS data are separated by **grade** and by **gender**
- Race/Ethnicity breakdowns

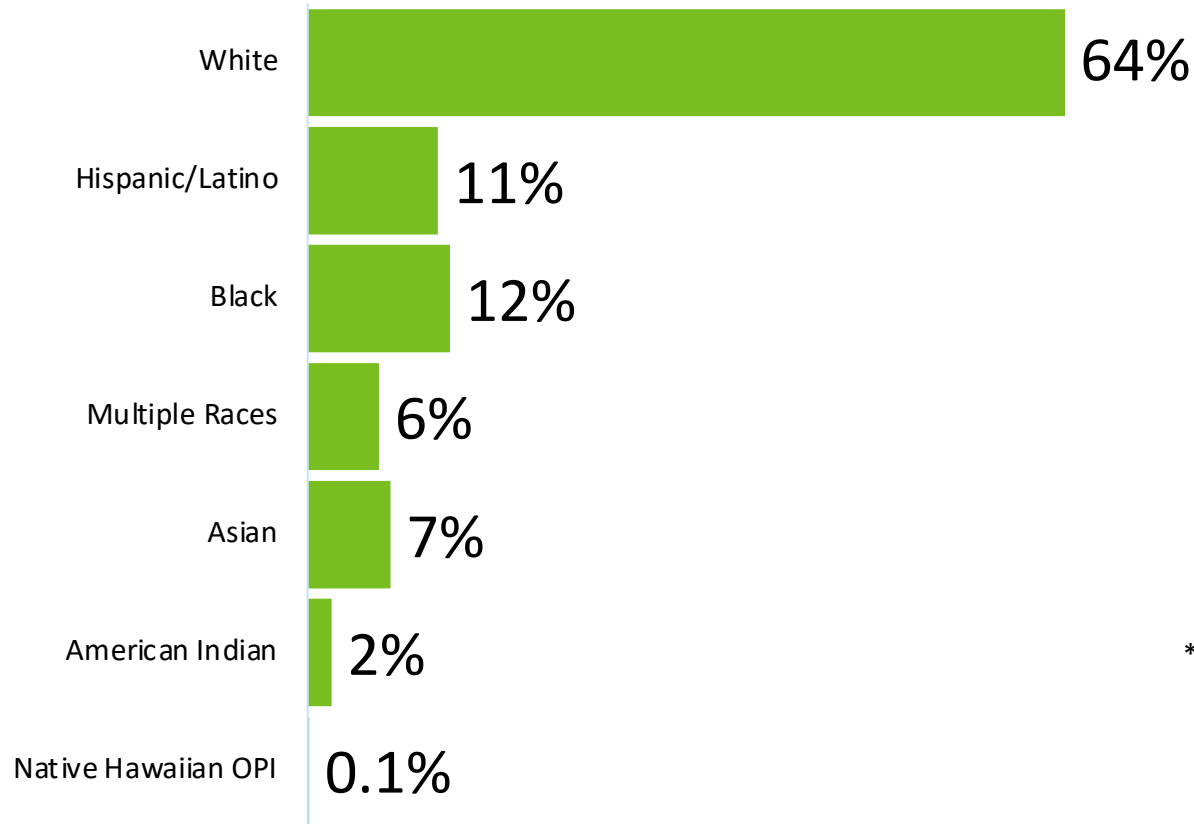


# Student Demographics

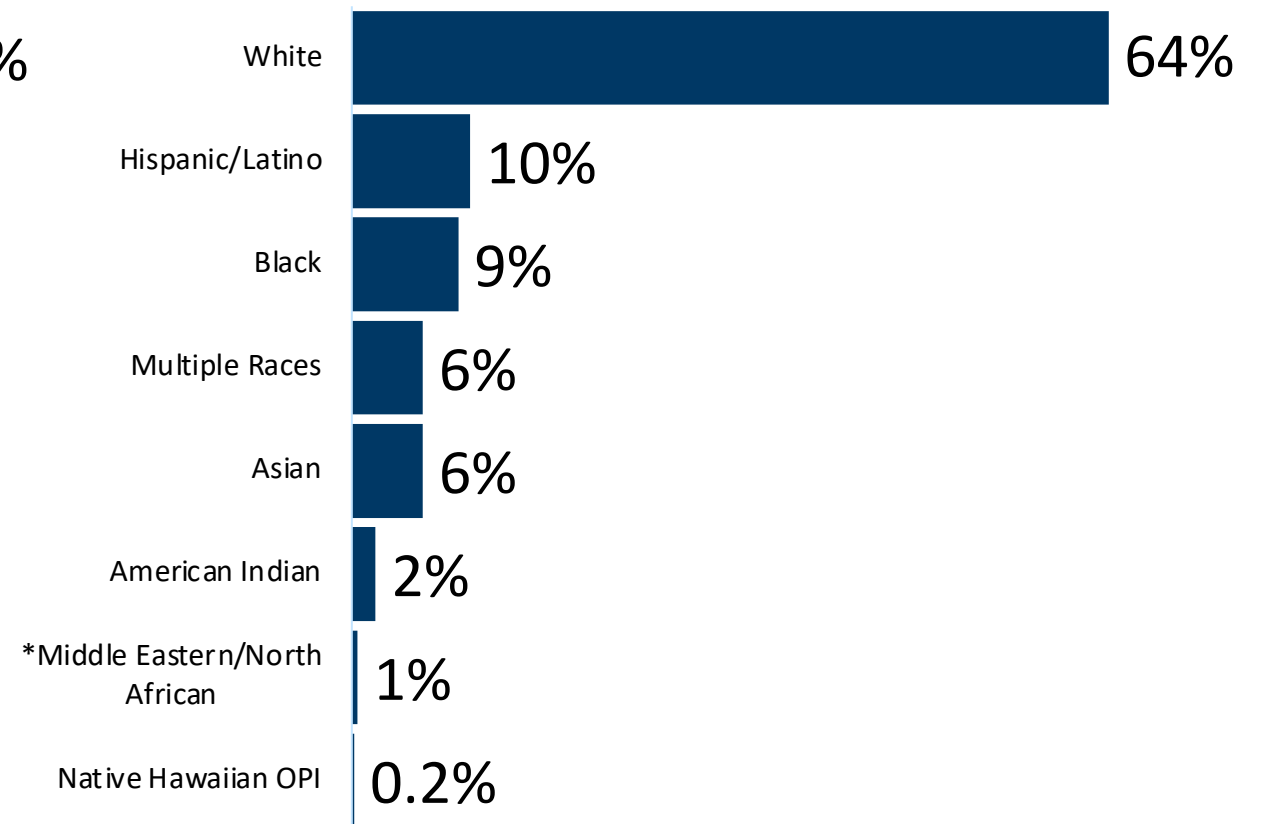


# 2022 MSS and State Student Race/Ethnicity Comparisons.

## 2022 Enrollment



## 2022 MSS Students

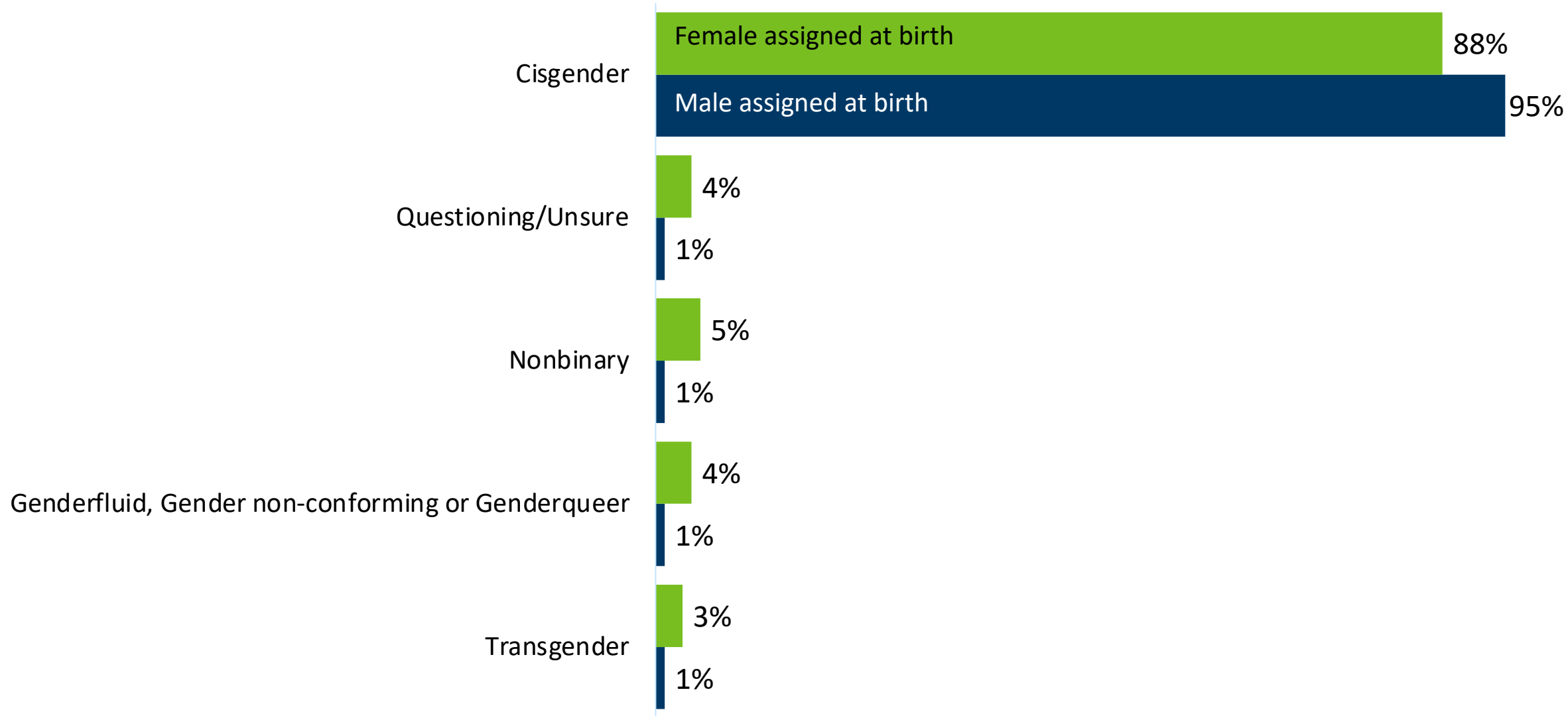


# Comparison of State Definition of American Indian Students



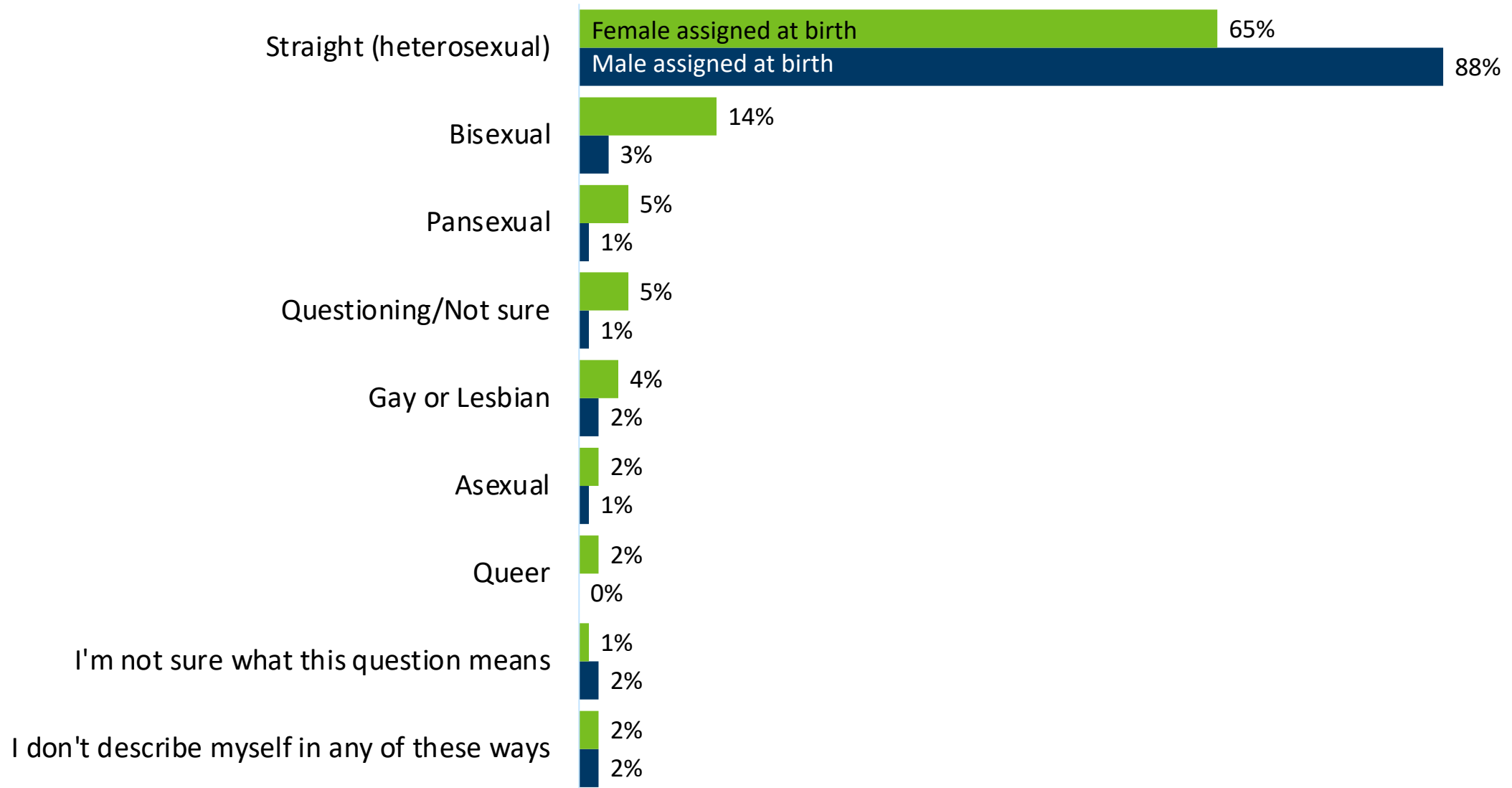
# Girls Reported Higher: Genderfluid, Nonbinary, Questioning, and Transgender.

2022 Gender Identity; grades 8, 9 and 11 by biological sex.



# Sexual orientation for girls is more diverse than boys.

Biological sex for combined grades 8, 9, and 11.





# MSS-WSCC Report

## Snapshots on Minnesota Youth



**Healthy:** Physical and emotional health are fundamental to students' overall well-being.



**Safe:** Students need to feel safe to learn and thrive.



**Engaged:** Engaged students have better academic outcomes.



**Supported:** Supportive school environments and caring relationships can foster student motivation and engagement.



**Challenged:** Challenging students increases critical thinking skills and prepares for future pursuits.

*2022 Minnesota Student Survey  
Whole Child Report*

# Highlights in this Presentation:

Demographics

Education  
Indicators

Supportive  
Environment

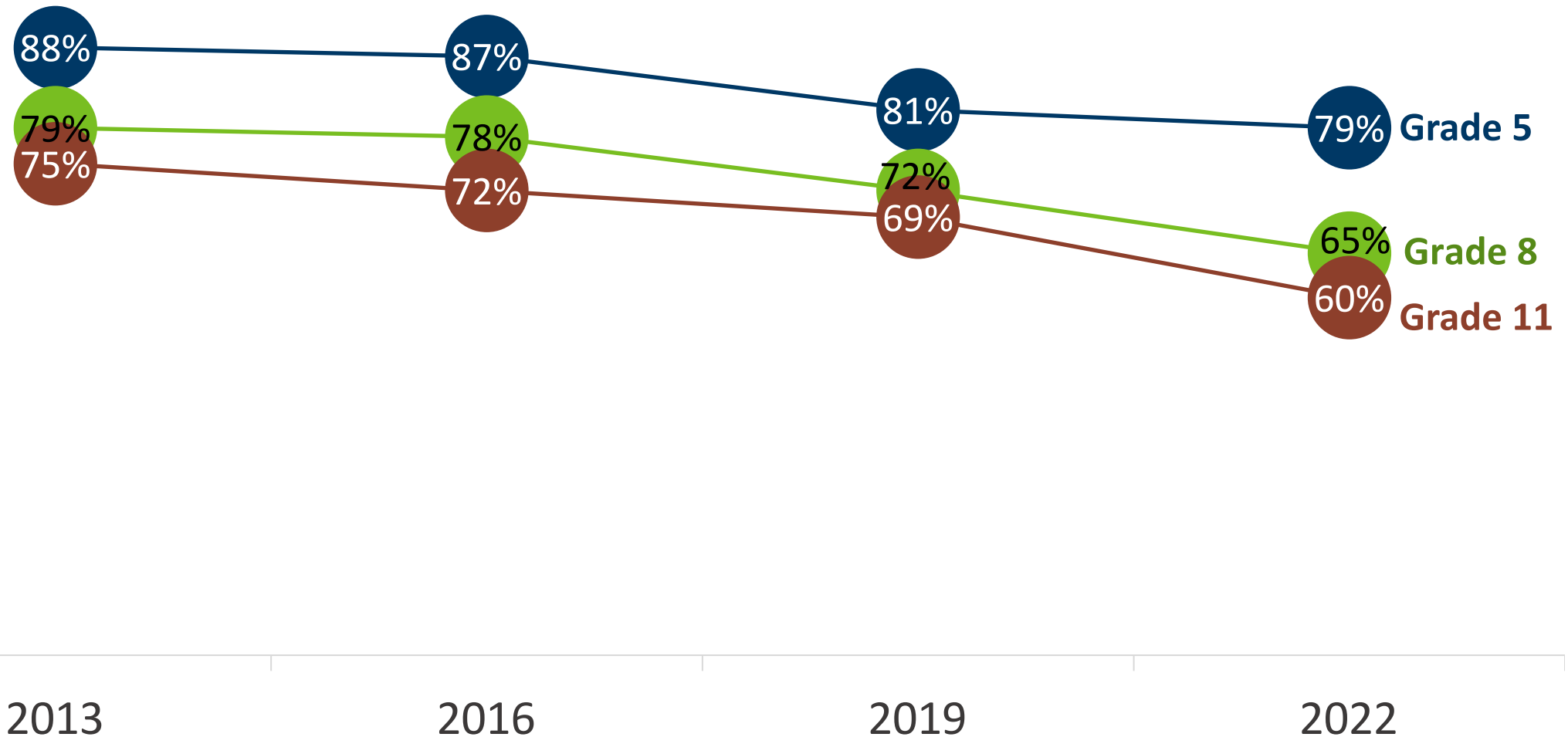
Mental Health  
Indicators

Health  
Indicators

# Education Environment

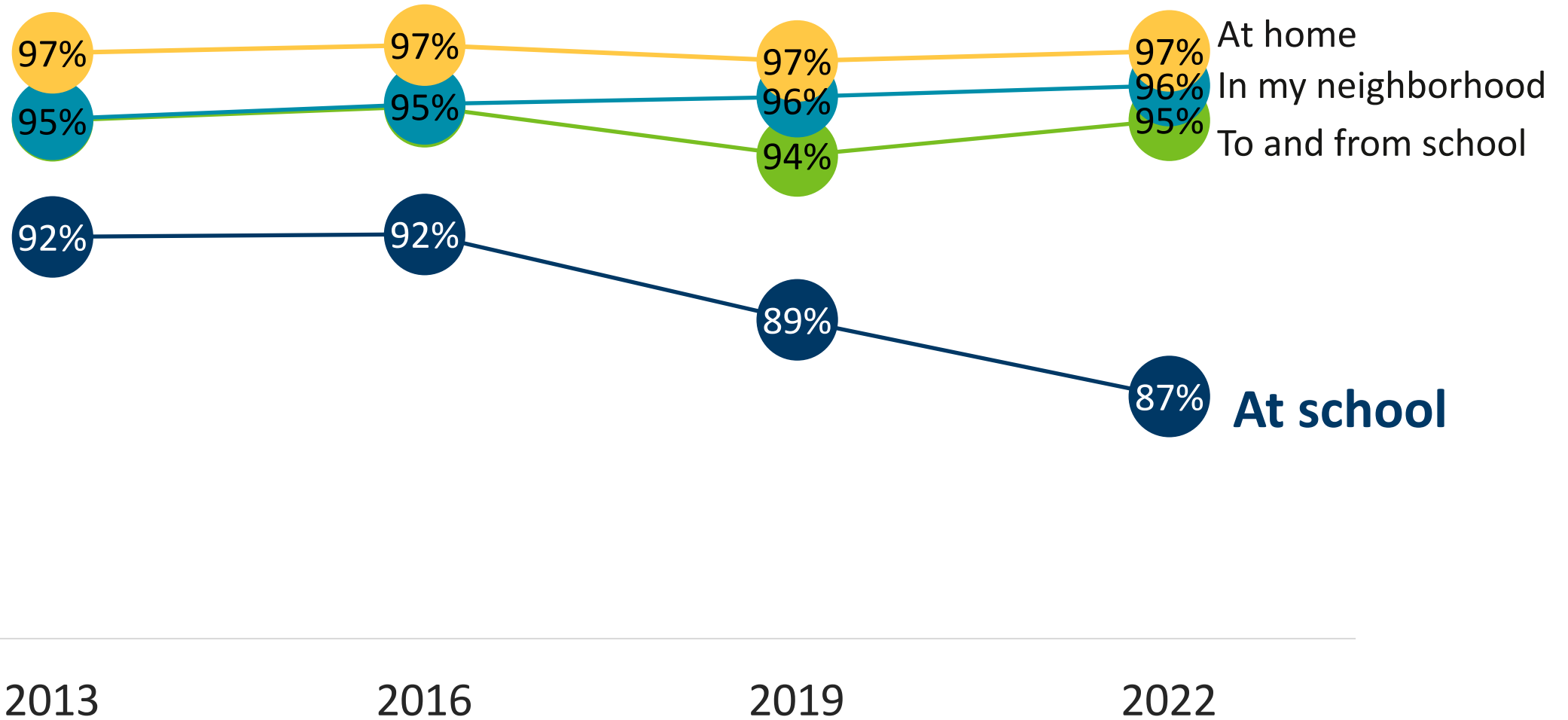


# Decline across all grades on educational engagement in 2022.

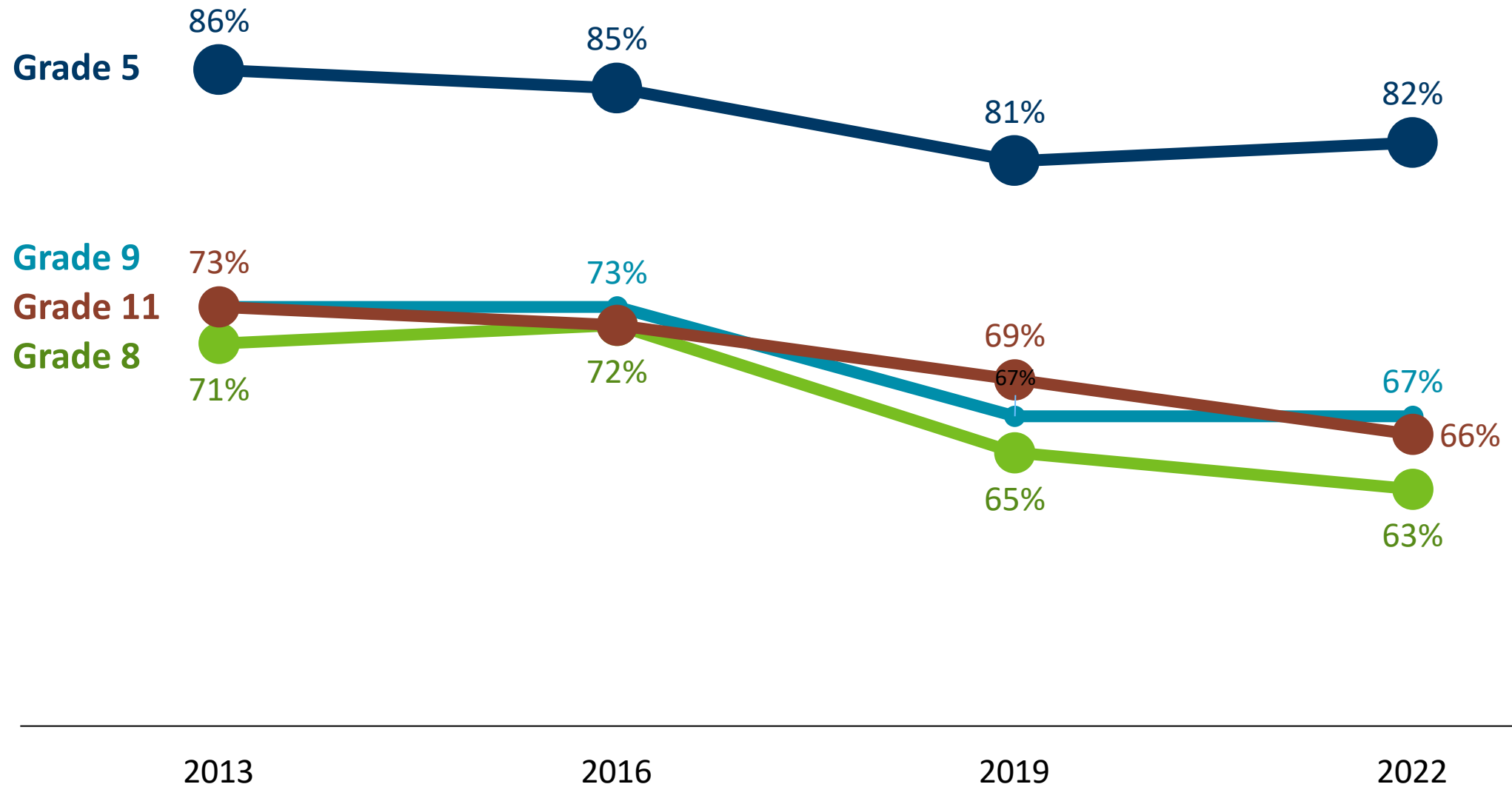


# Decline in 8th grade students feeling safe at school.

% that agree or strongly agree in 2022.



# 9<sup>th</sup> graders feeling connections at school is slightly declining

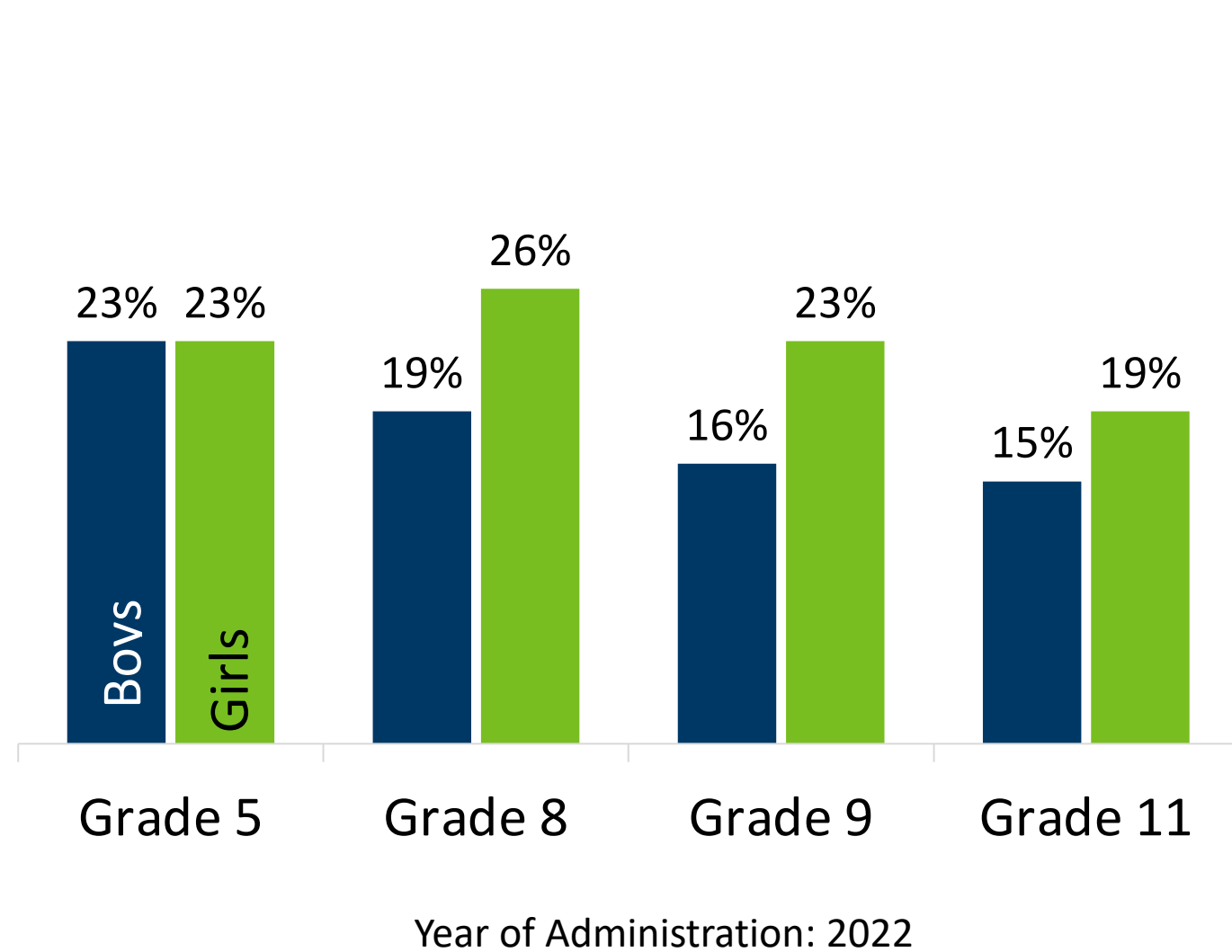
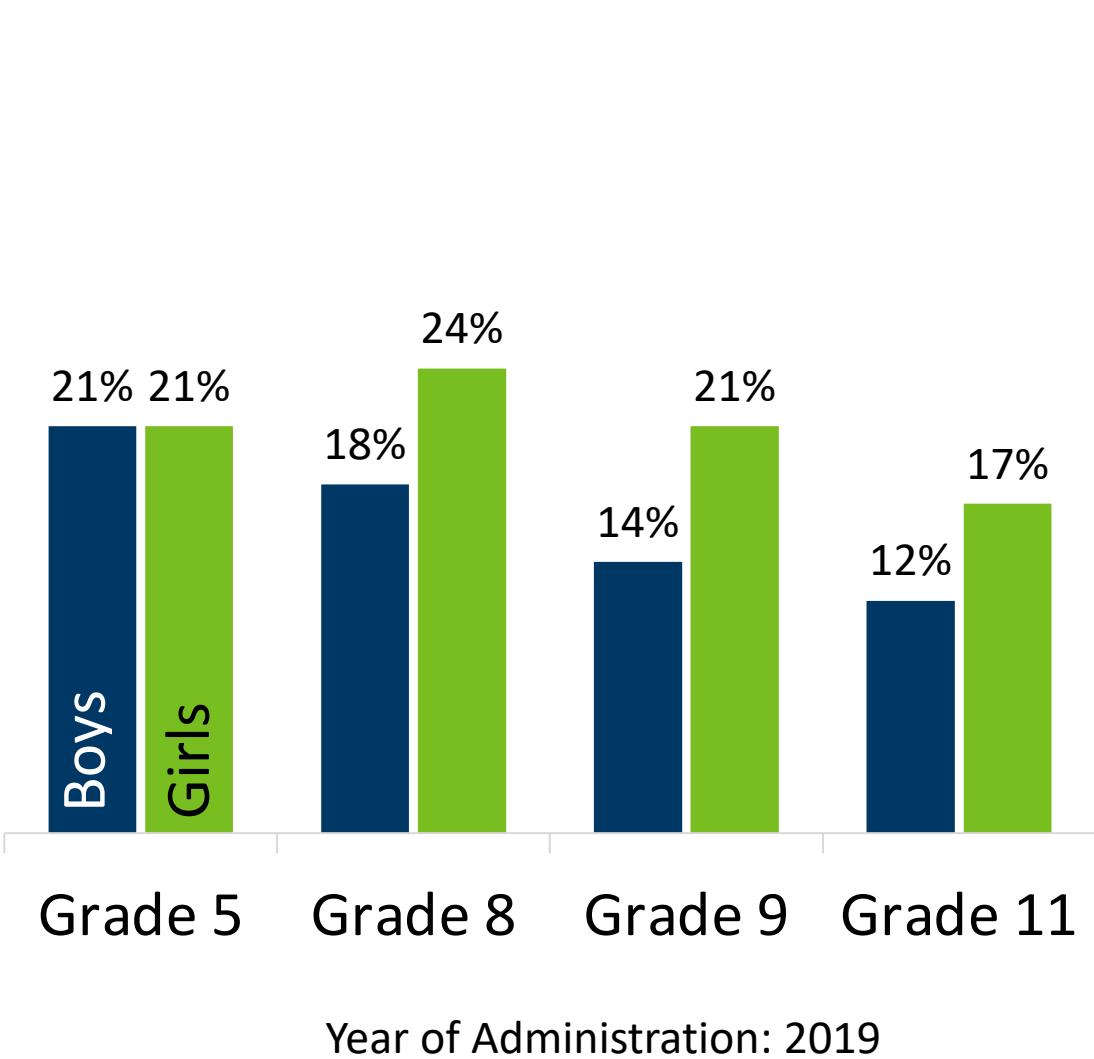


# Student Experiences



# Rates of bullying in 5<sup>th</sup> grade are equal between male and female, but there is a disparity starting in 8<sup>th</sup> grade.

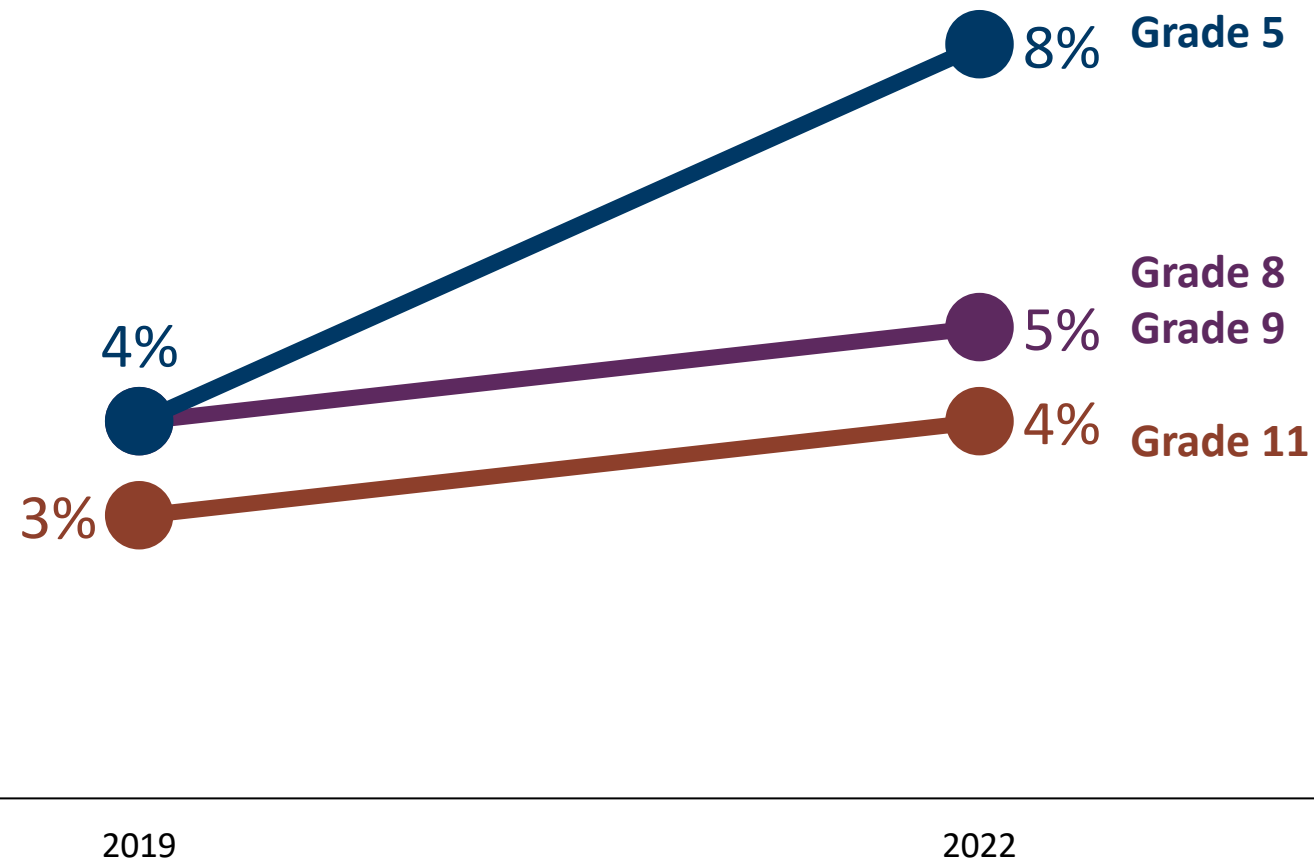
Bullied at least once a week or more in the last 30 days in 2022.



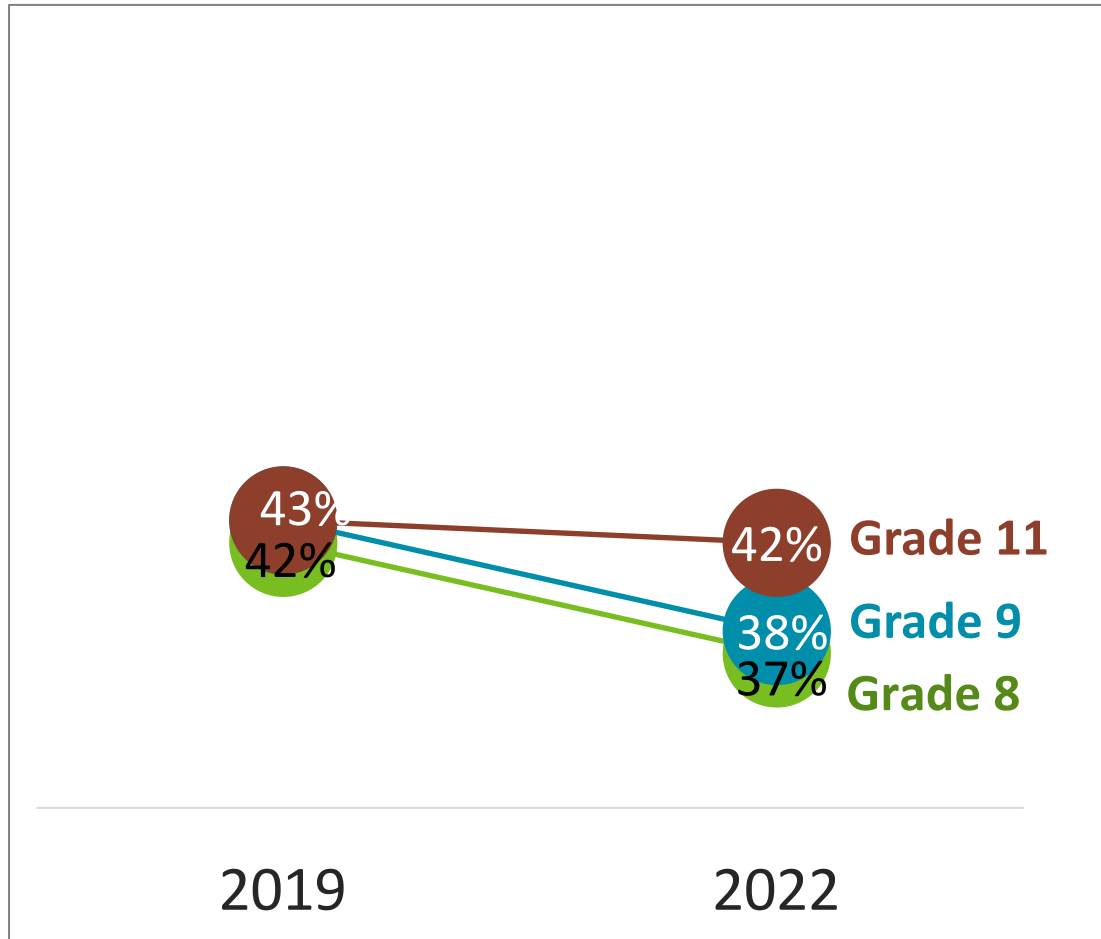


# Cyberbullying in 2022 doubled for 5<sup>th</sup> graders.

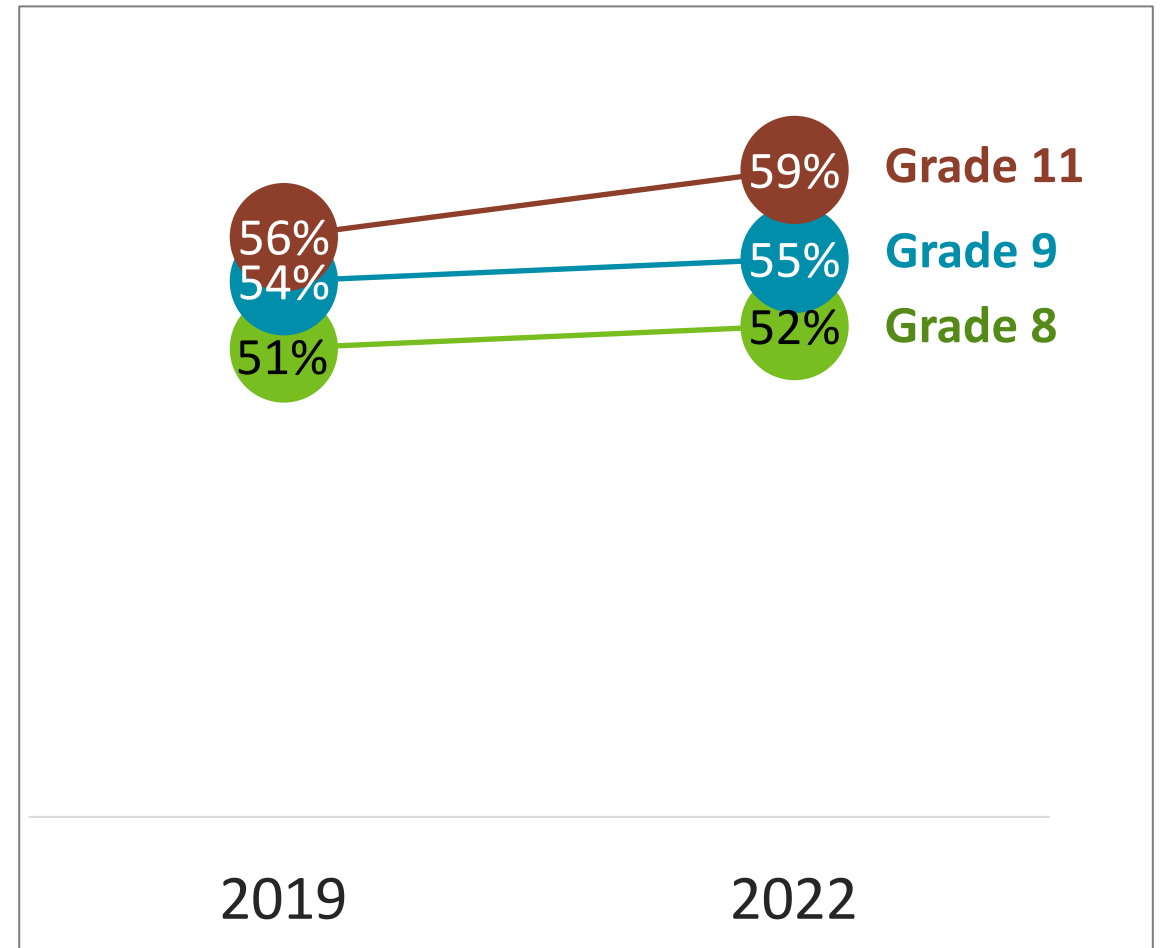
Reported being cyberbullied at least once week or more in the last 30 days.



# Girls are more likely to report experiencing one or more adverse childhood experiences (ACEs).



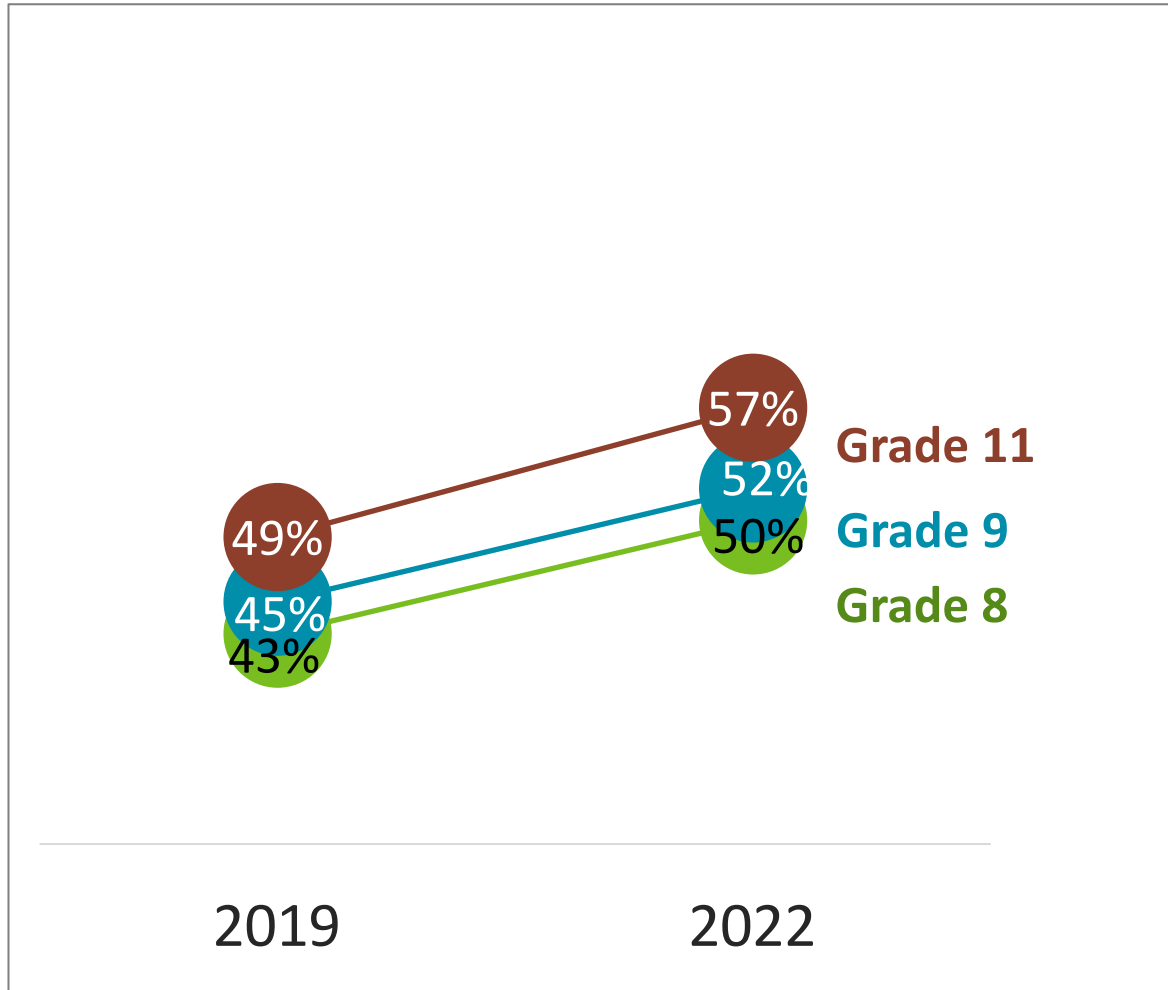
Boys



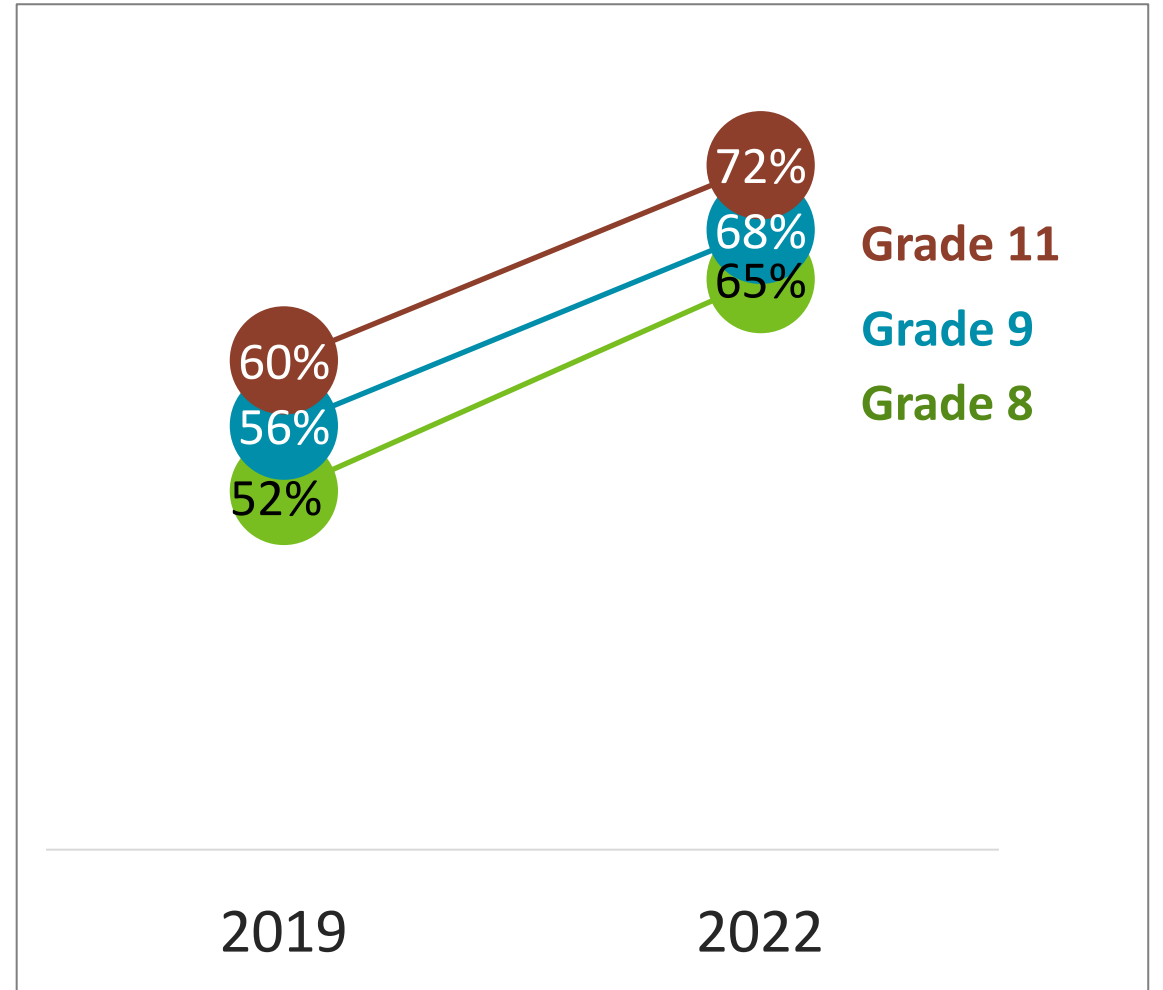
Girls

# Symptoms of depression greater among girls; worsened overall.

% of students feeling little interest or pleasure in doing things several days, more than half the days, or nearly every day in the last 2 weeks.



Boys

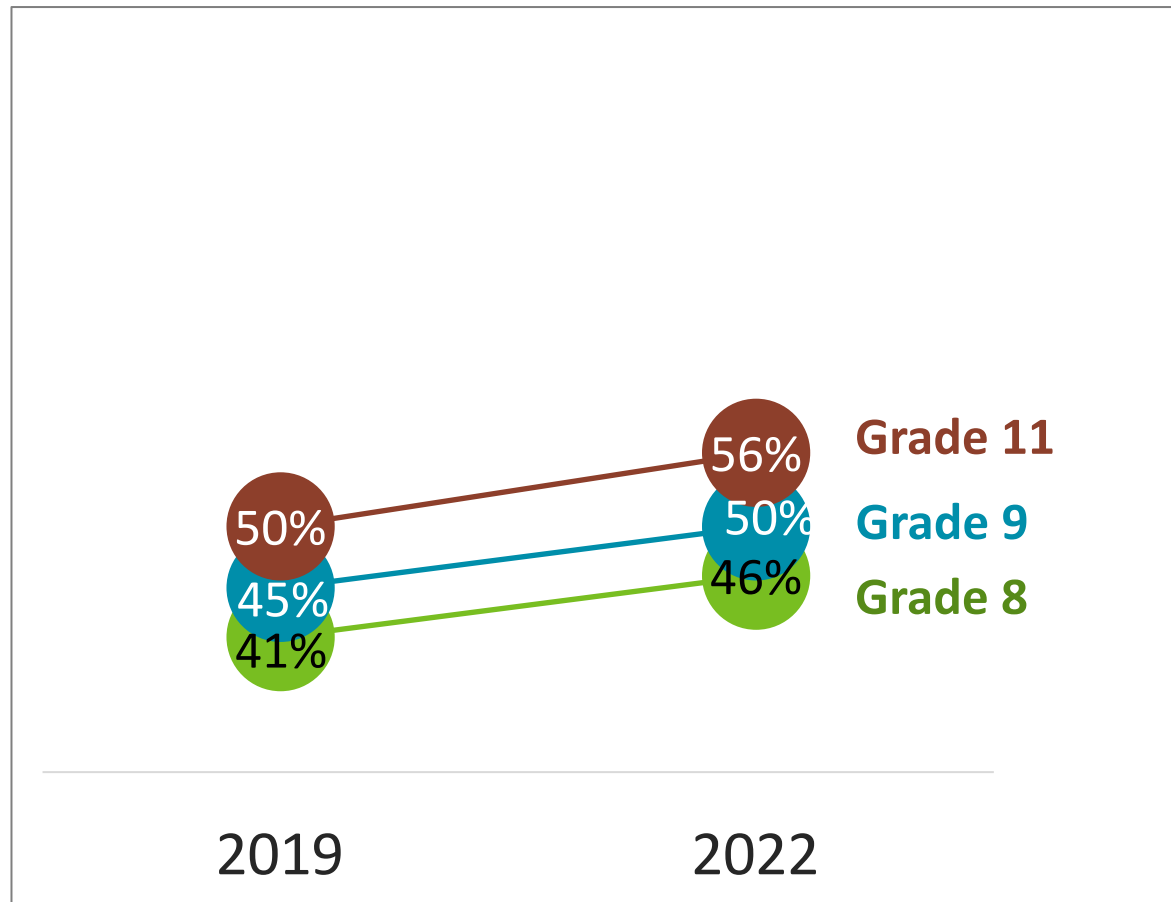


Girls

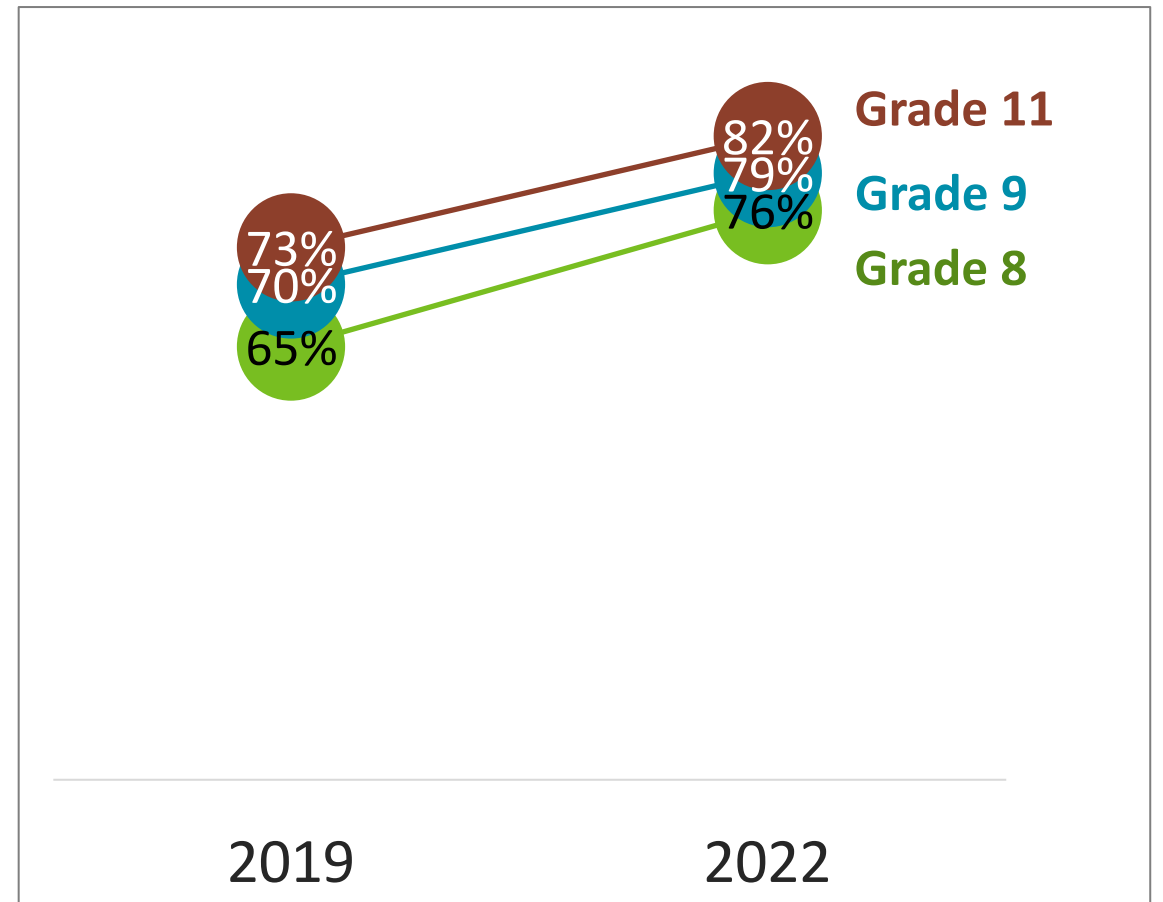
# Symptoms of anxiety greater among girls; worsened overall.

% of students who felt nervous, anxious or on edge several days or more in the last 2 weeks.

Feeling nervous, anxious or on edge.

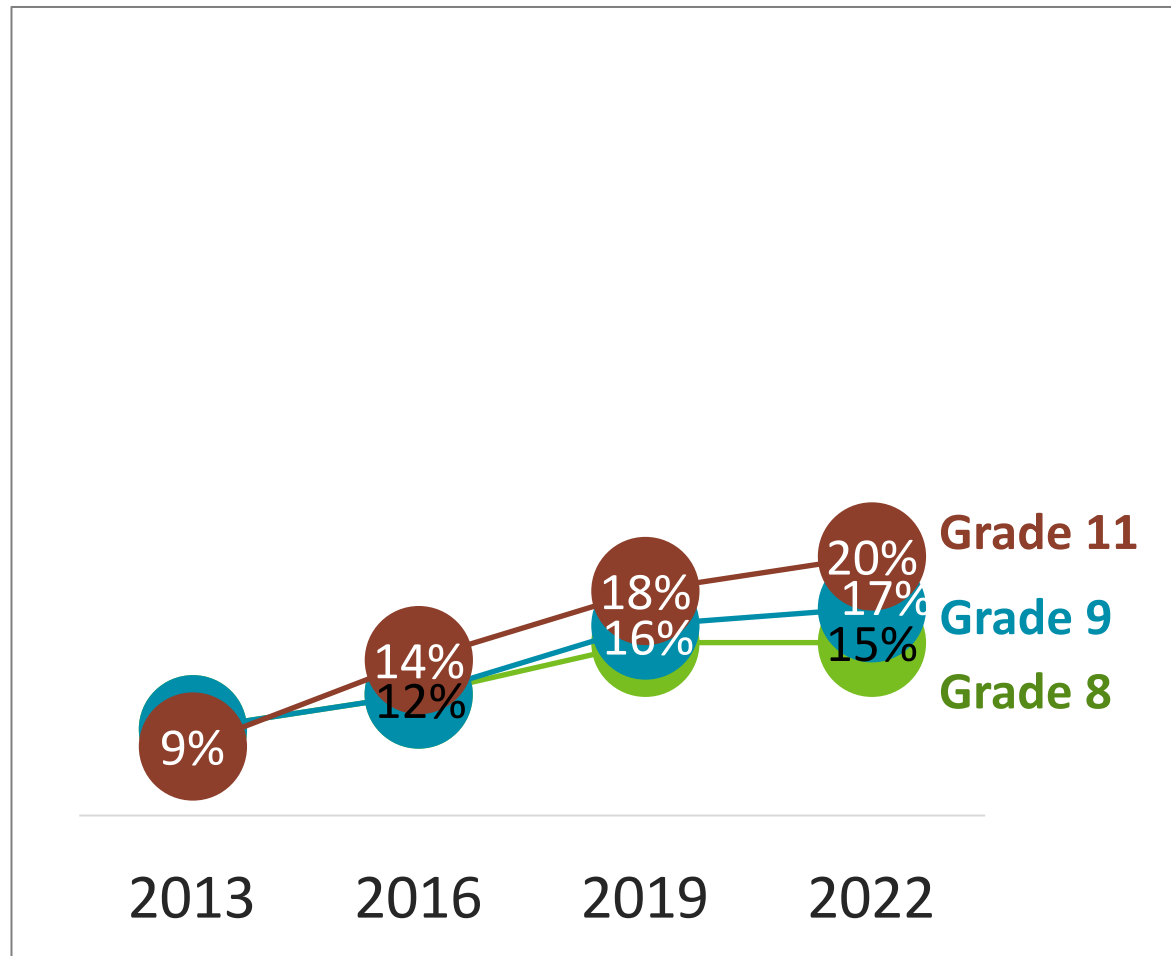


Boys

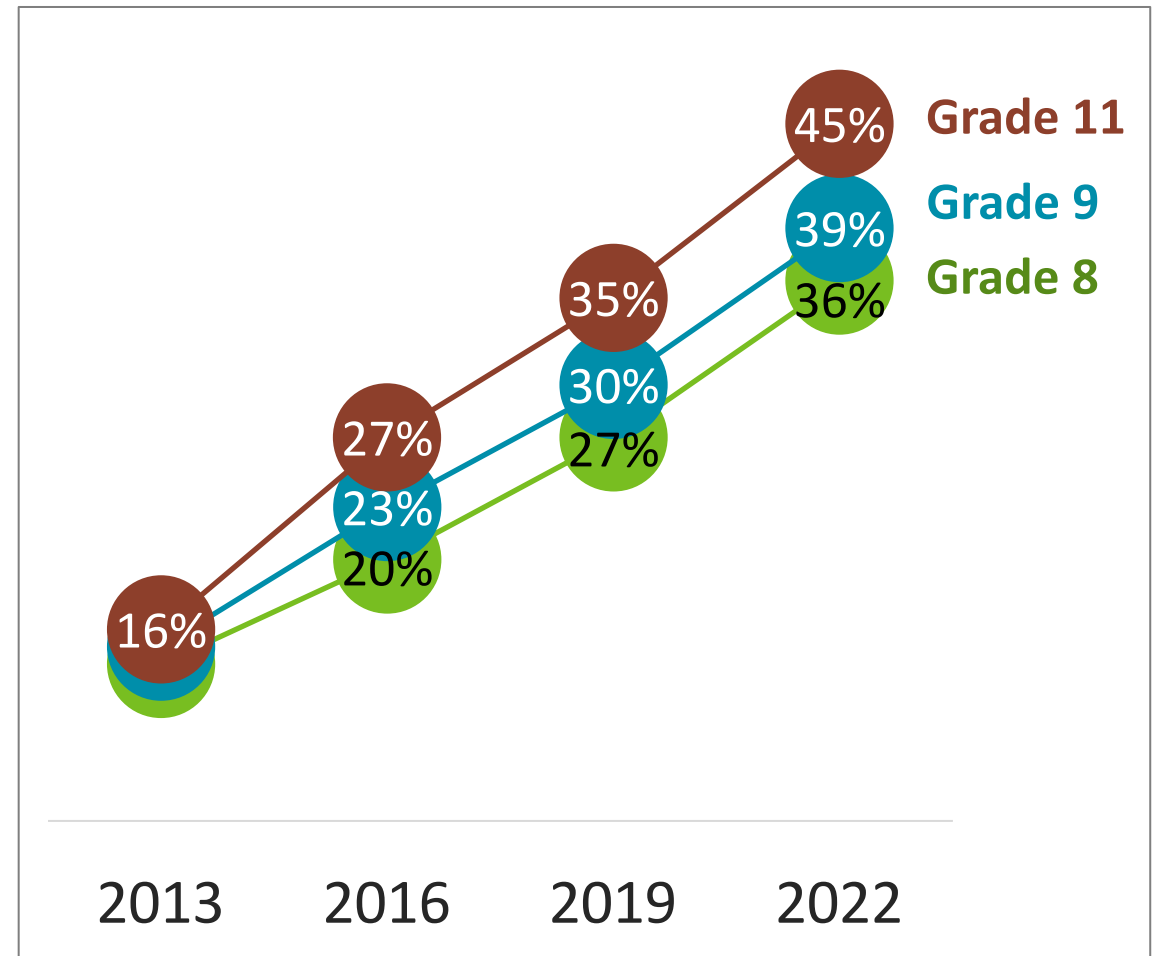


Girls

# 2x more girls than boys report long-term mental health problems in 2022.

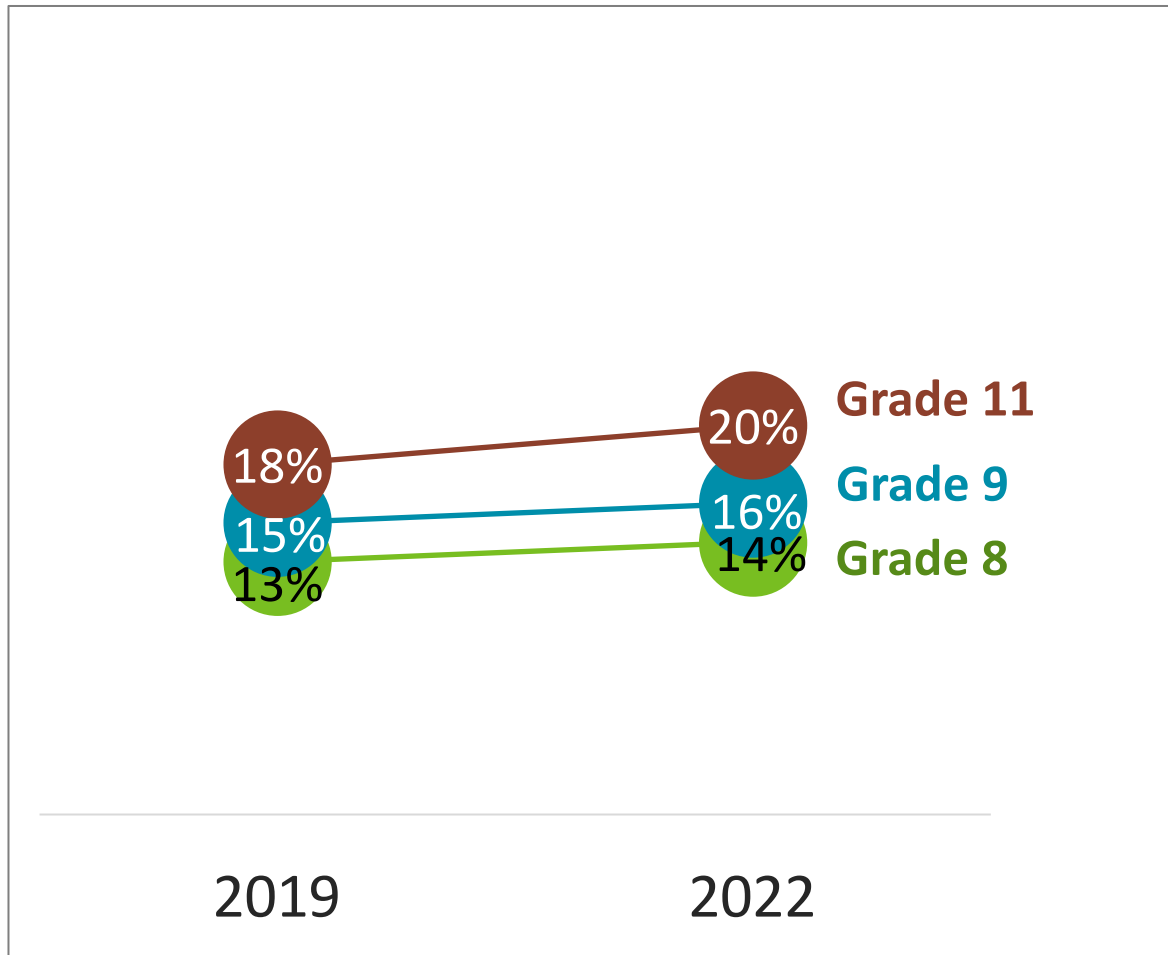


Boys

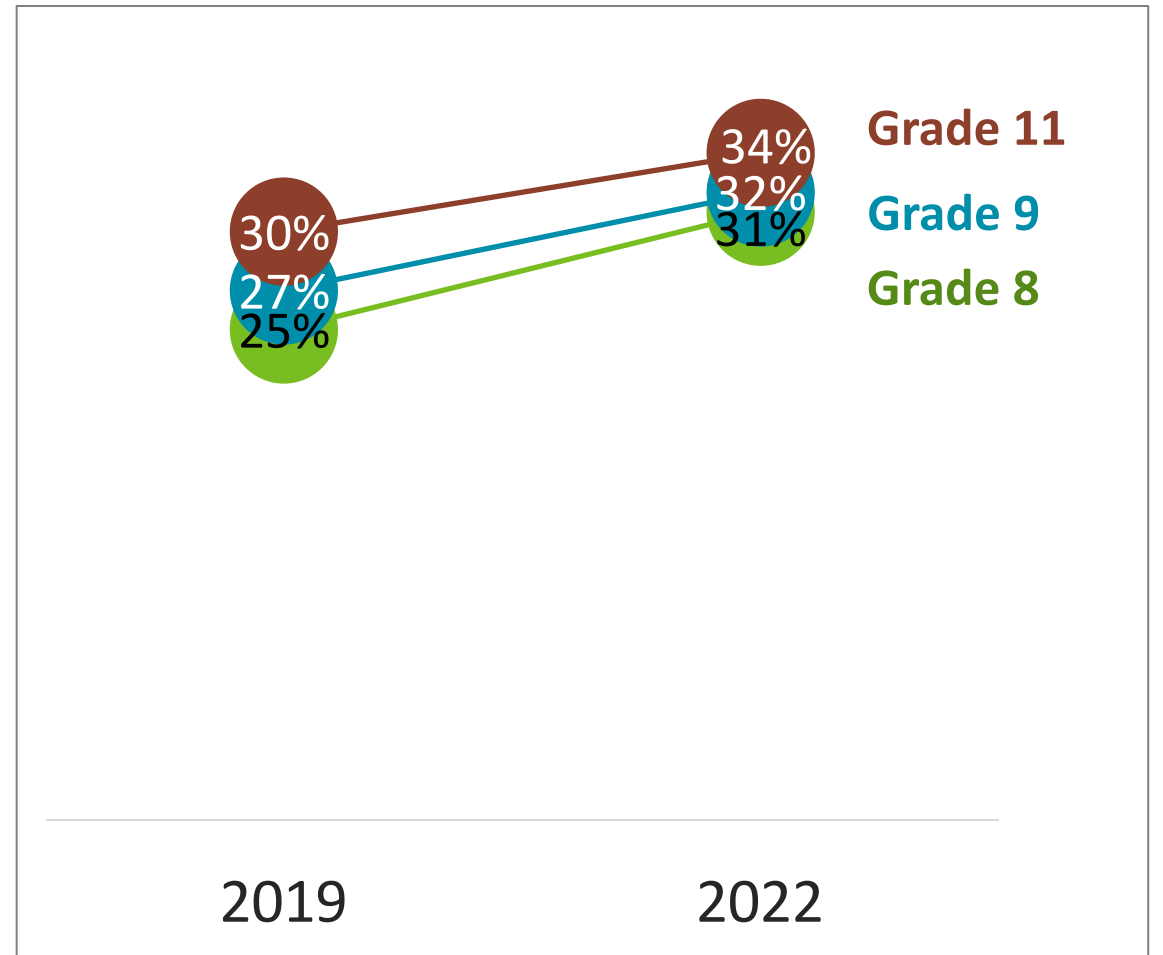


Girls

In 2022, serious thoughts of suicide increased overall, higher prevalence for girls.

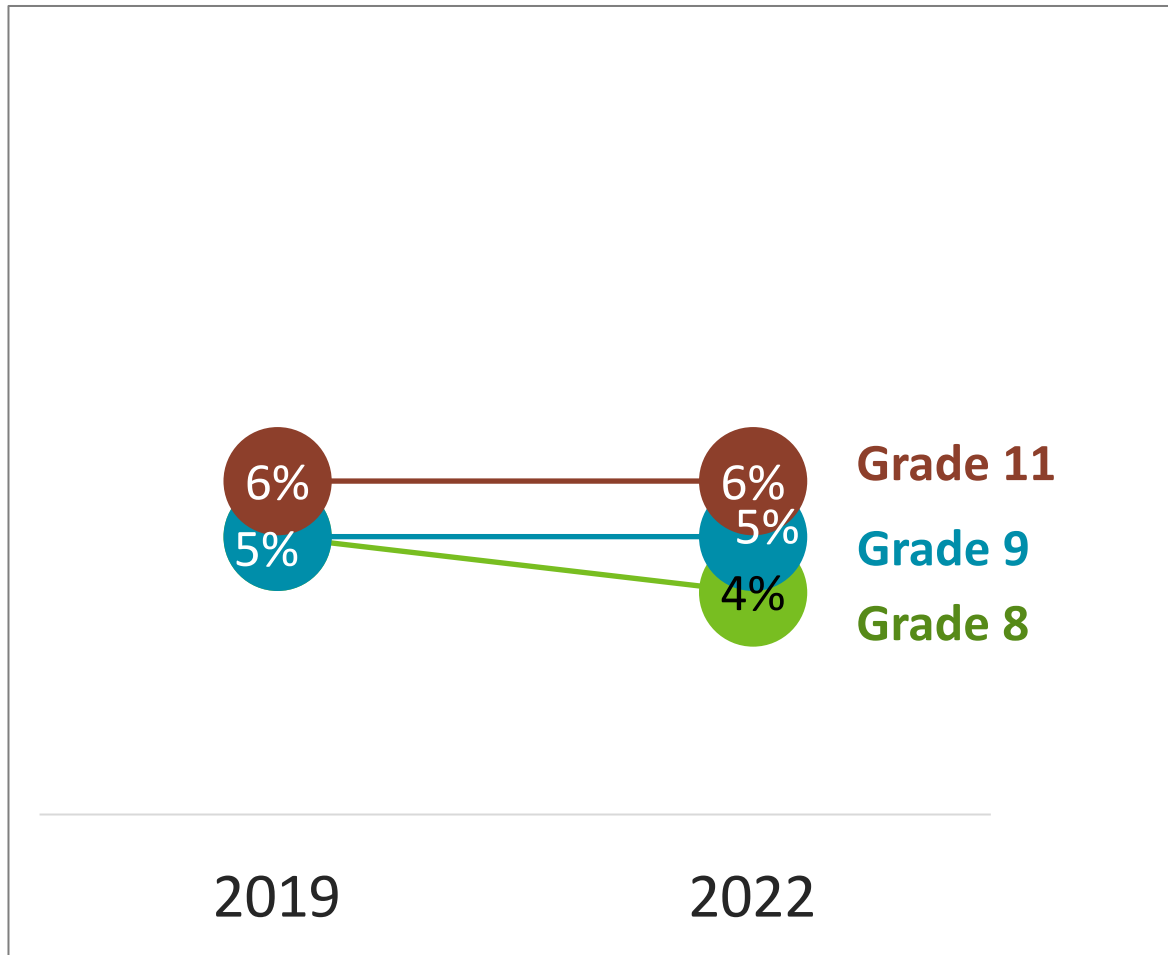


Boys

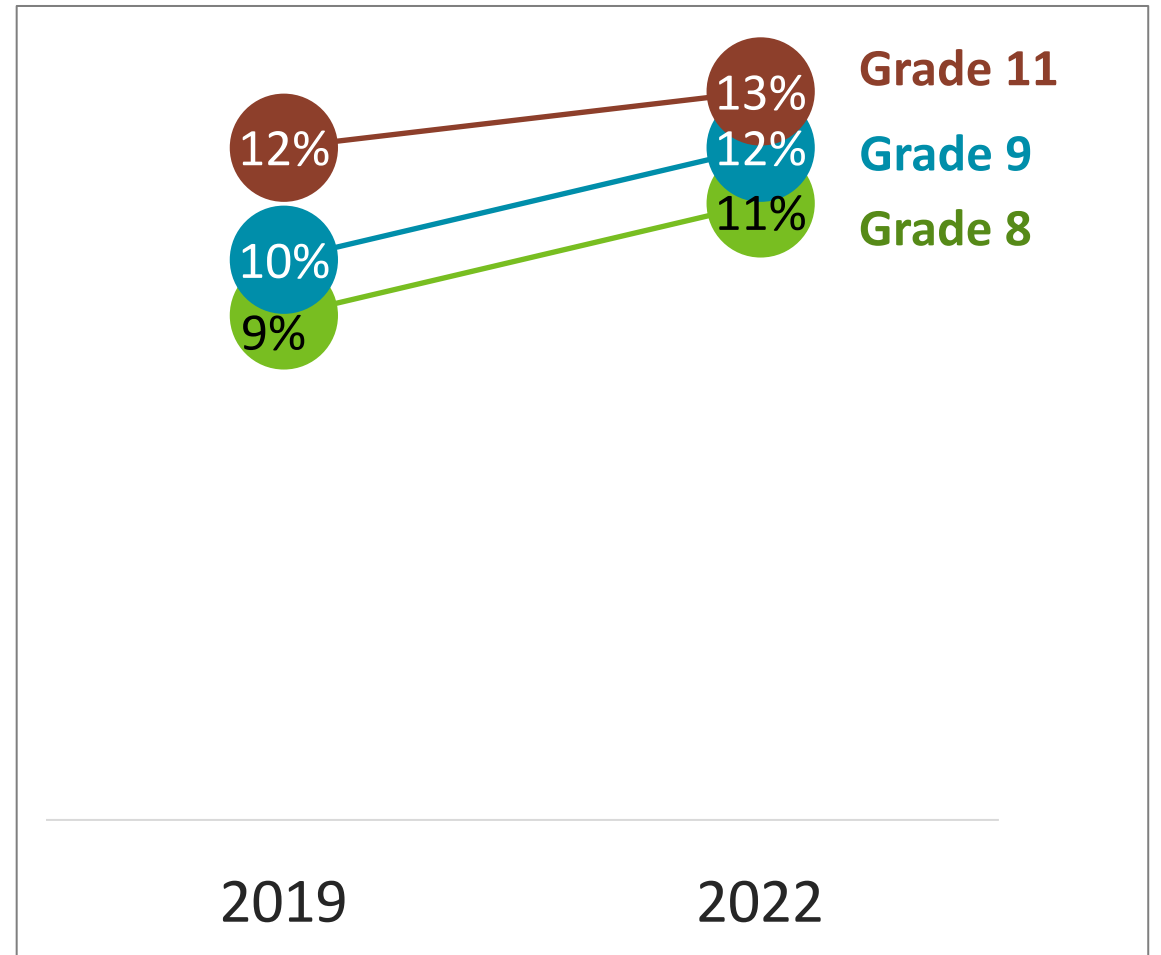


Girls

# In 2022, suicide attempts were flat for boys, increased slightly for girls



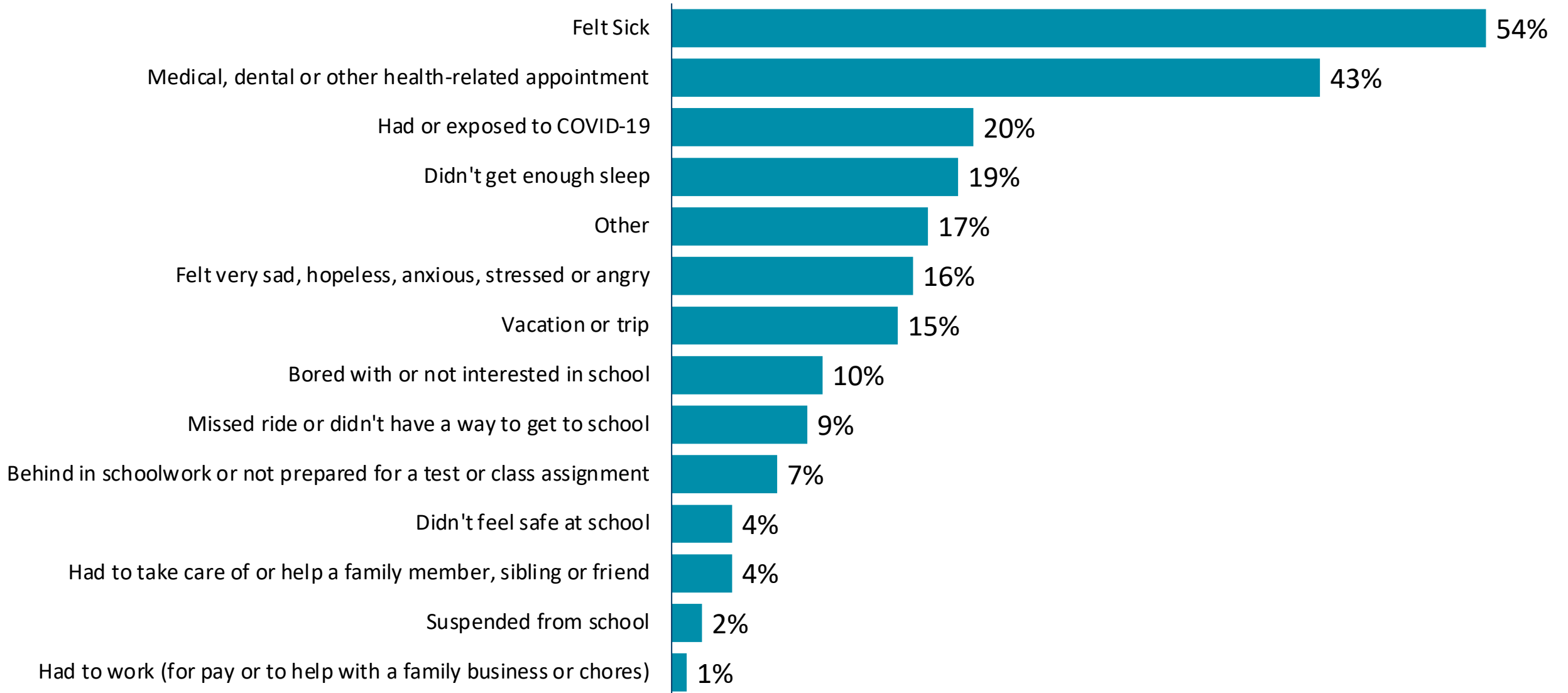
Boys



Girls

# 9<sup>th</sup> grader reasons for missing school.

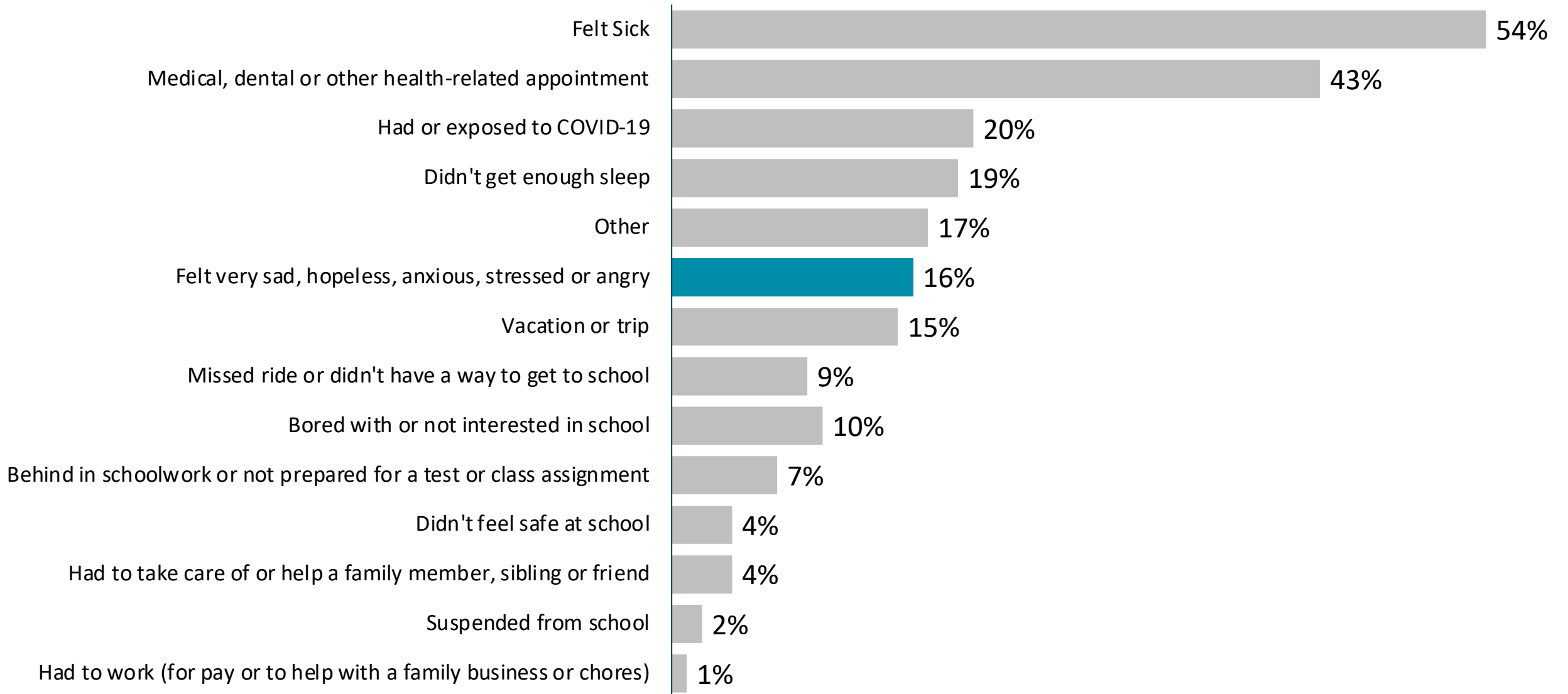
Among those who missed part of or a full day of school in the last 30 days in 2022.



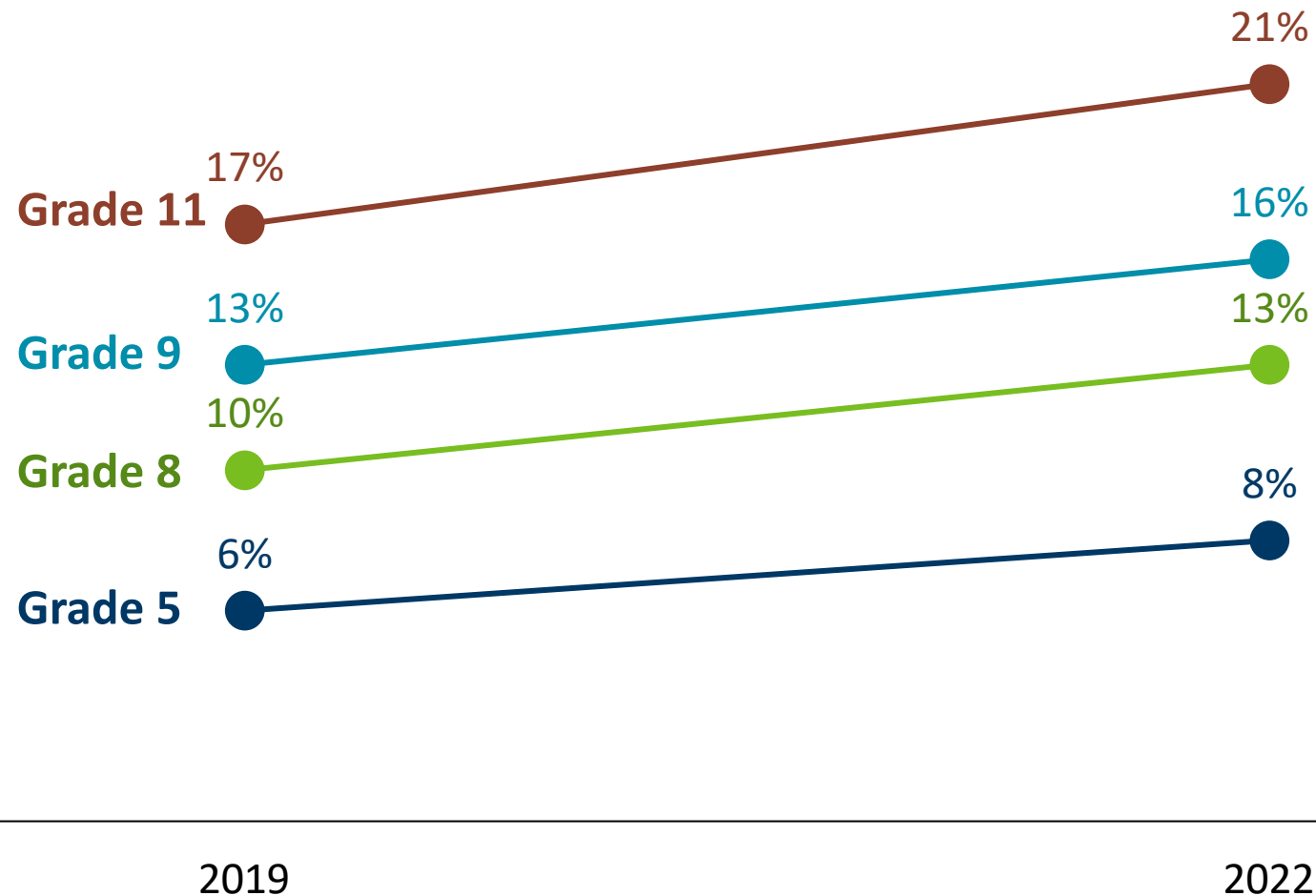


# Deep Dive: 9<sup>th</sup> grader reasons for missing school.

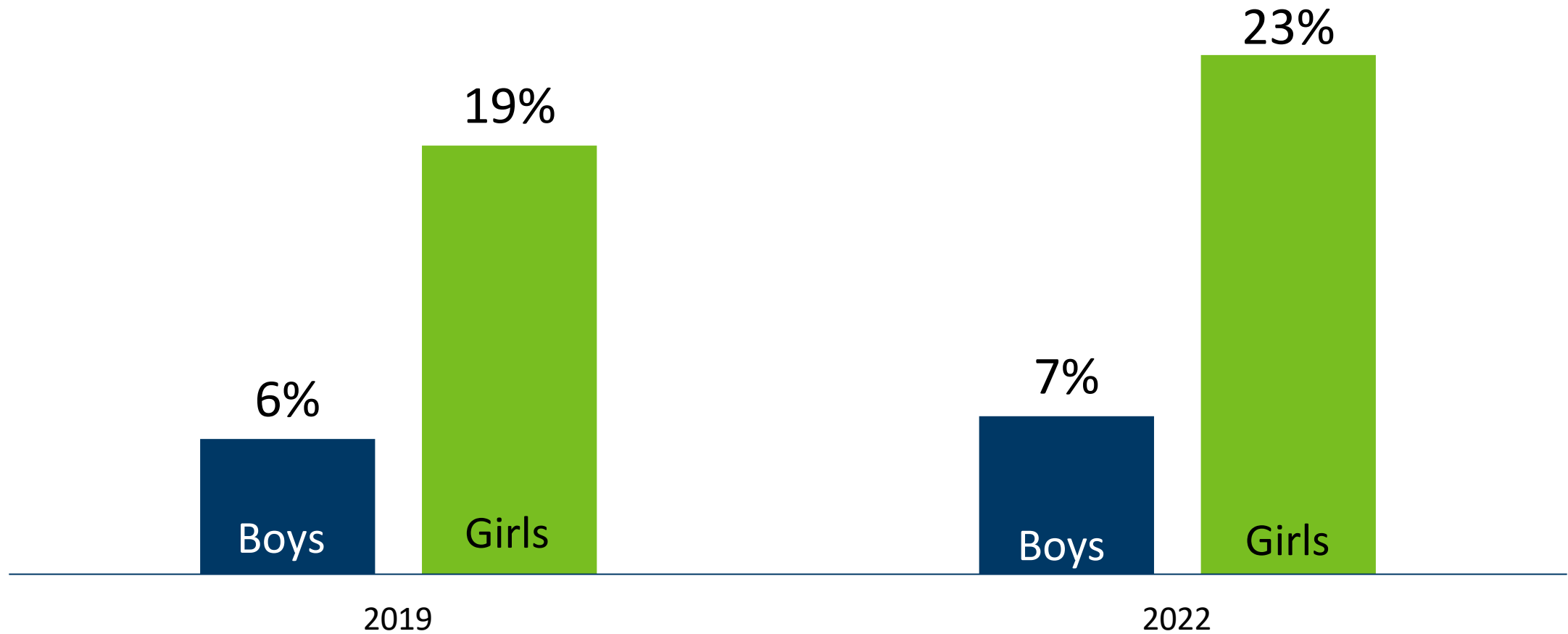
Among those who missed part of or a full day of school in the last 30 days in 2022.



# Increase in missing school because students felt very sad, hopeless, anxious, stressed or angry in 2022.



# 9<sup>th</sup> grader missing school in 2022: Felt very sad, hopeless, anxious, stressed or angry.

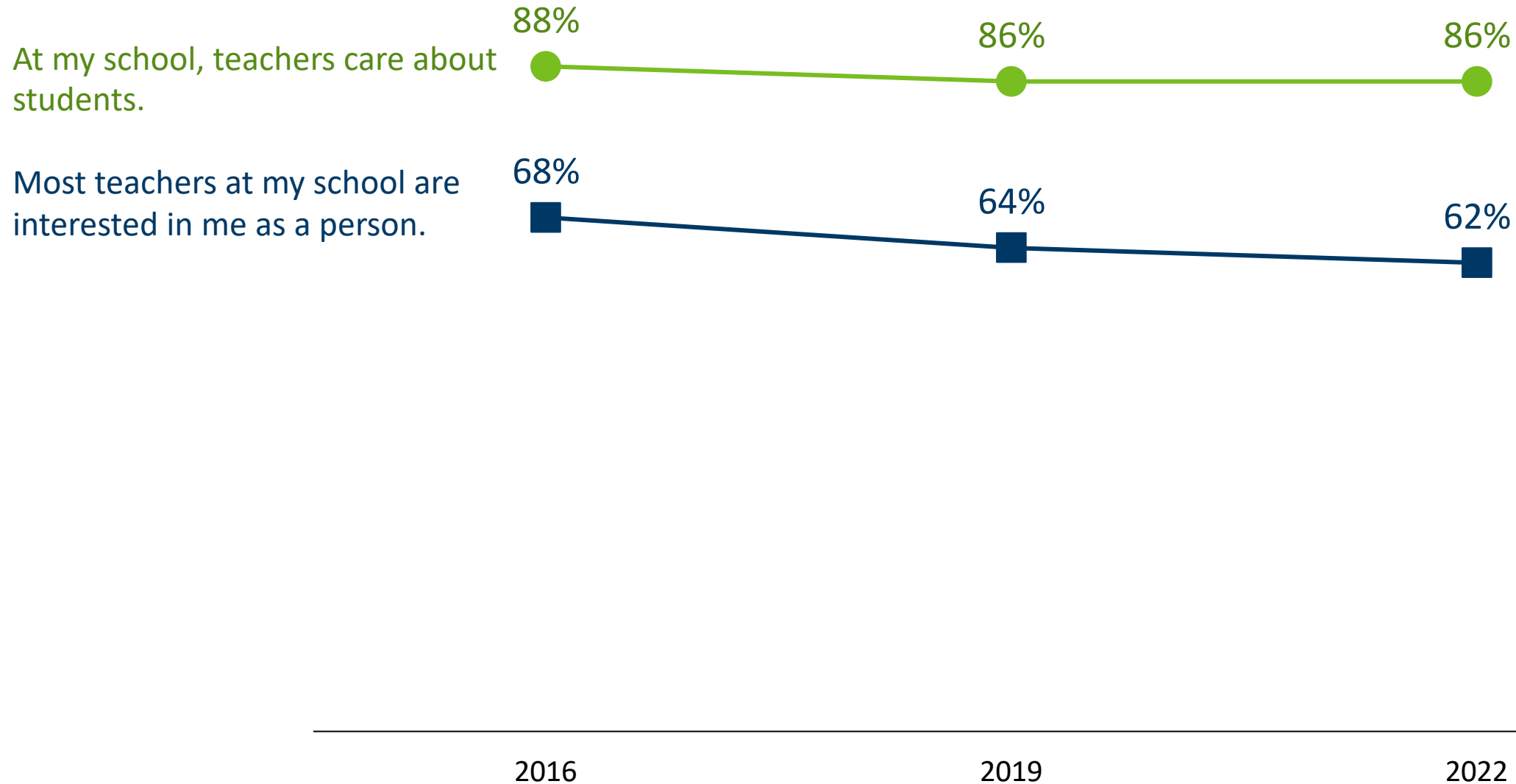


# Student-Teacher Relationships



# Perceptions of teachers at school caring about 9<sup>th</sup> graders.

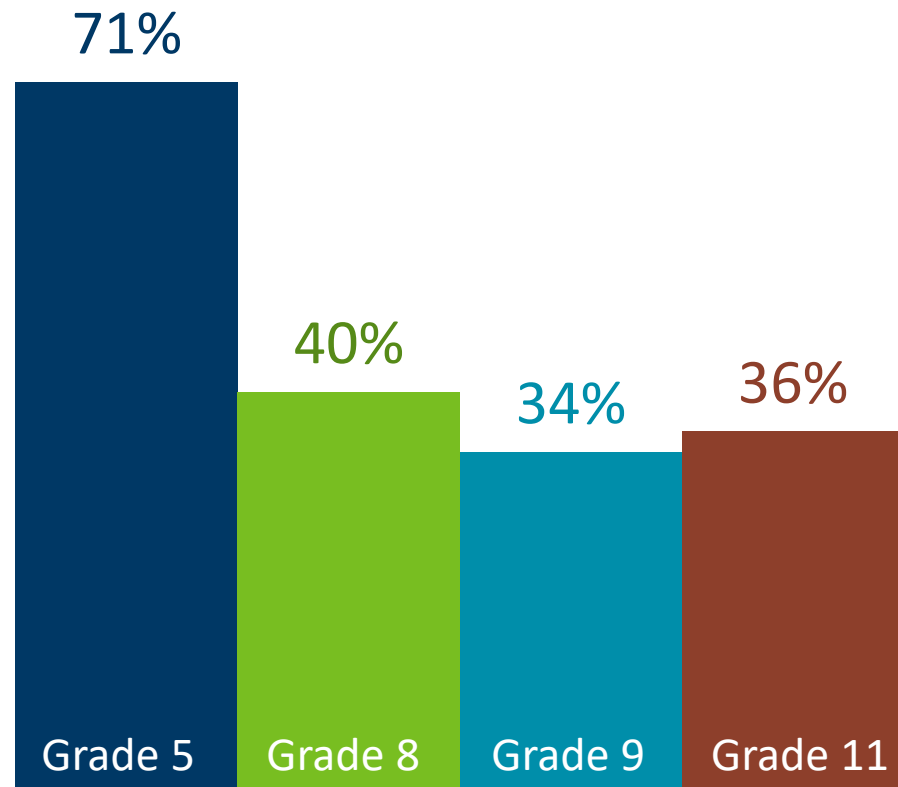
% of students that agree or strongly agree with the following statements.



# Grade breakdown of how much students feel **teachers and other adults at school care about them.**

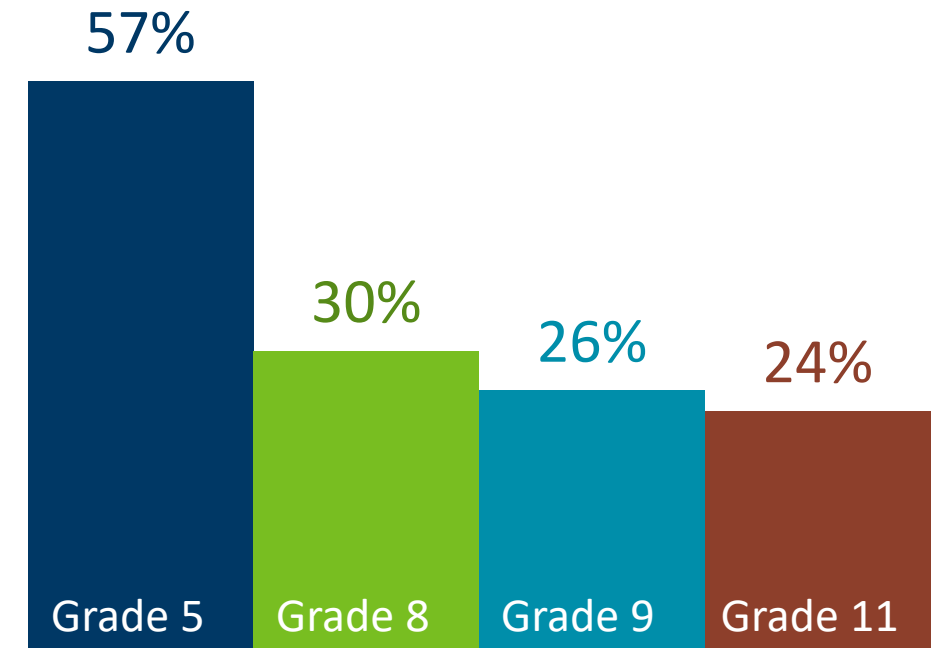
% of students who feel they care quite a bit or very much. Revised item in 2022.

How much students feel **teachers** at school care about them.



2022

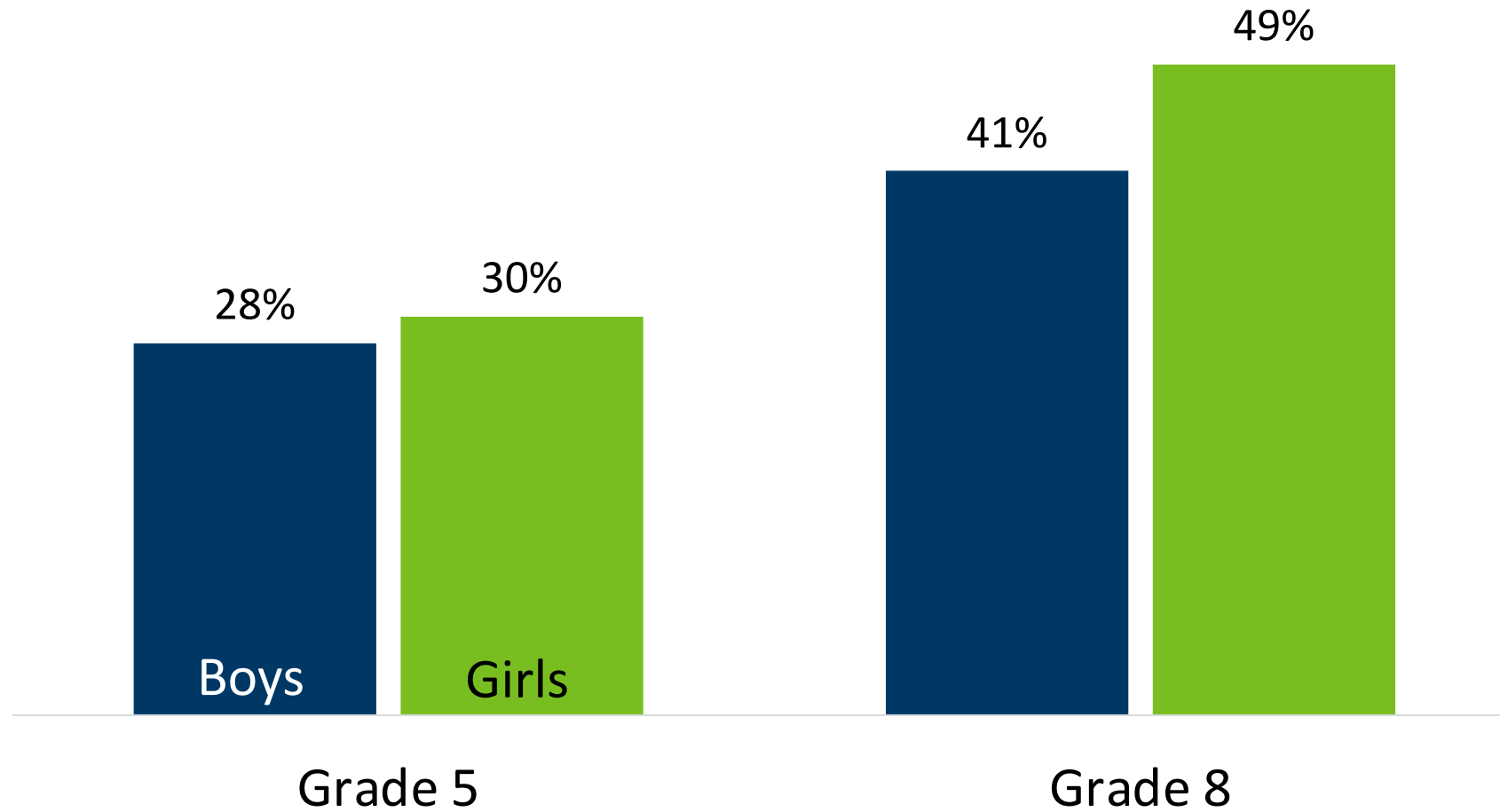
How much students feel **other adults** at school care about them.



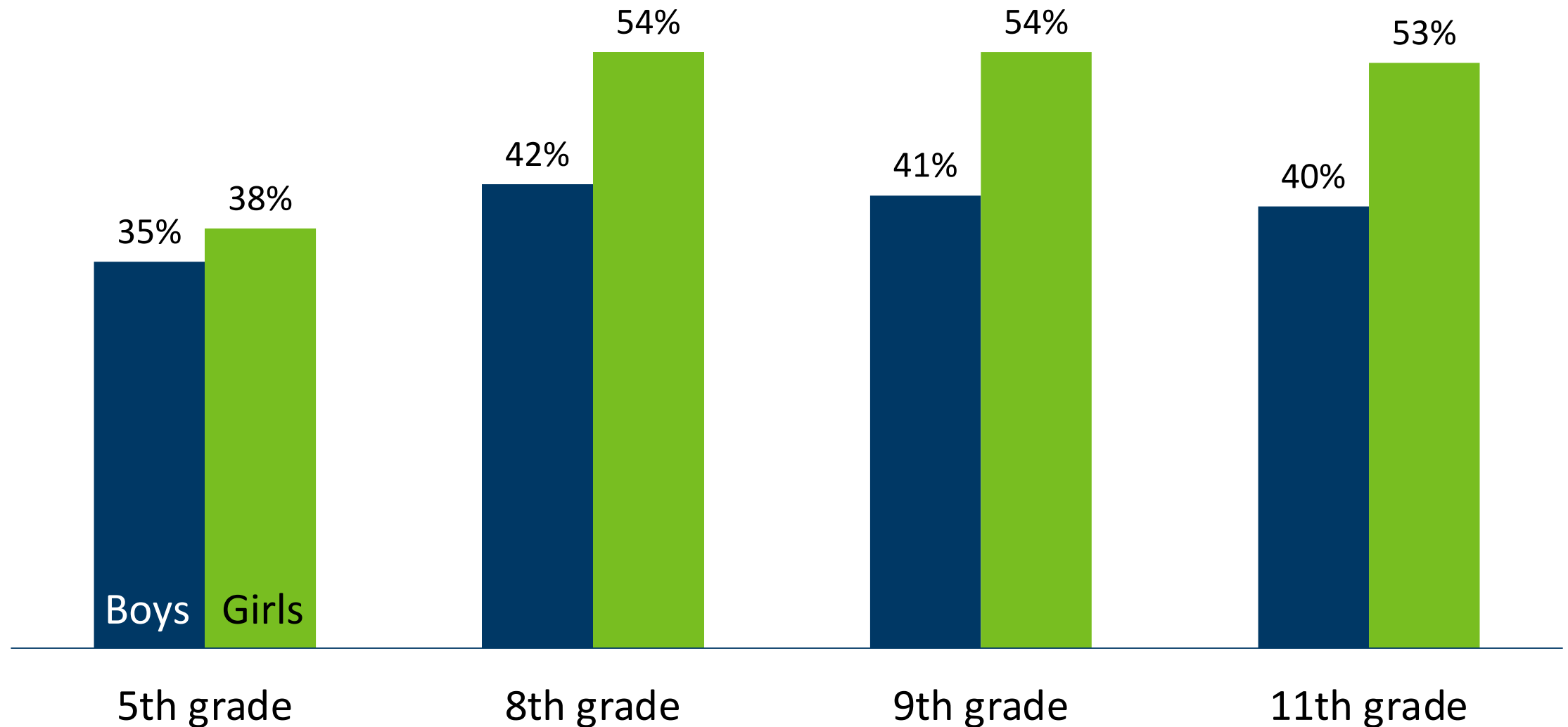
2022

# Many students are **not at all comfortable** talking with a **school mental health resource** when feeling stressed or upset.

New item in 2022.

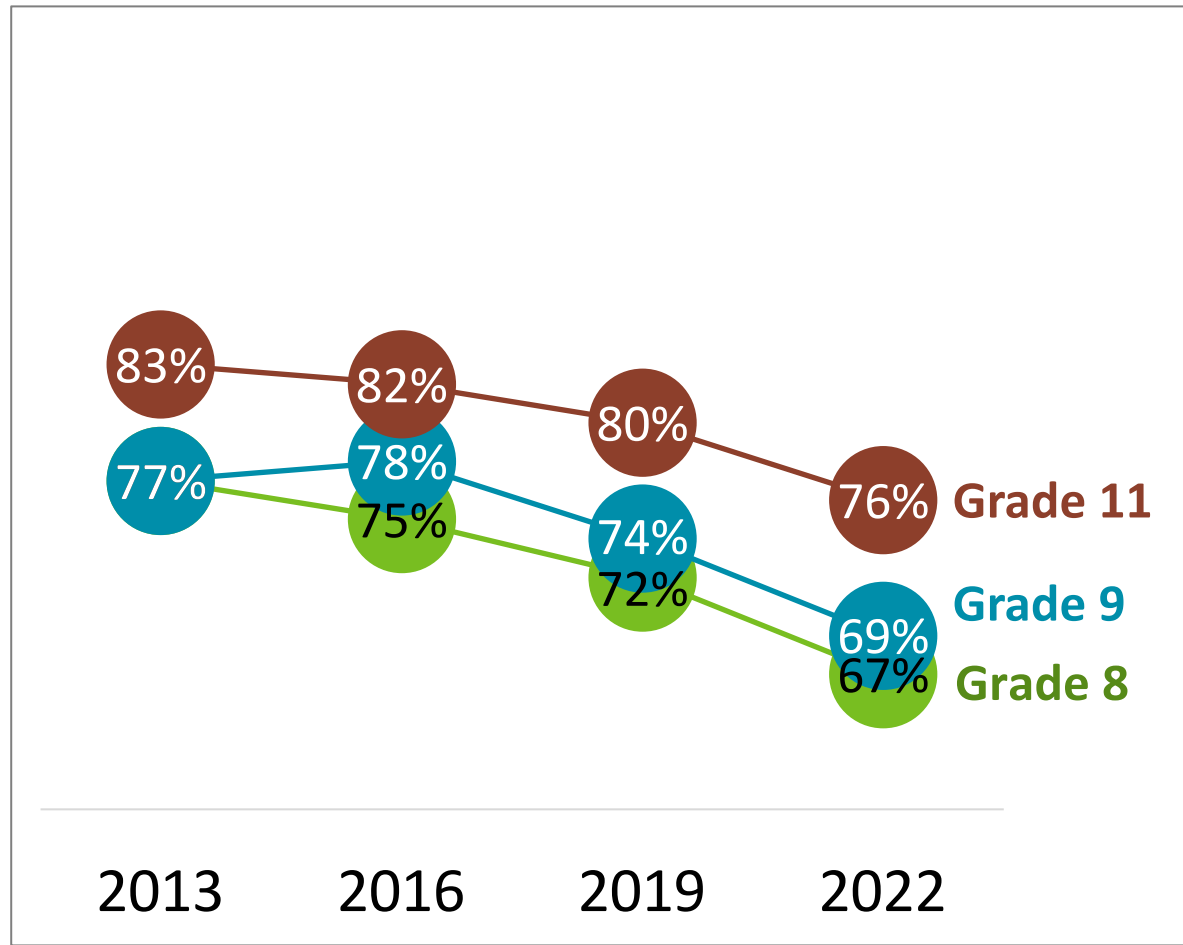


# Girls more likely to report earning “mostly A’s” in 2022.

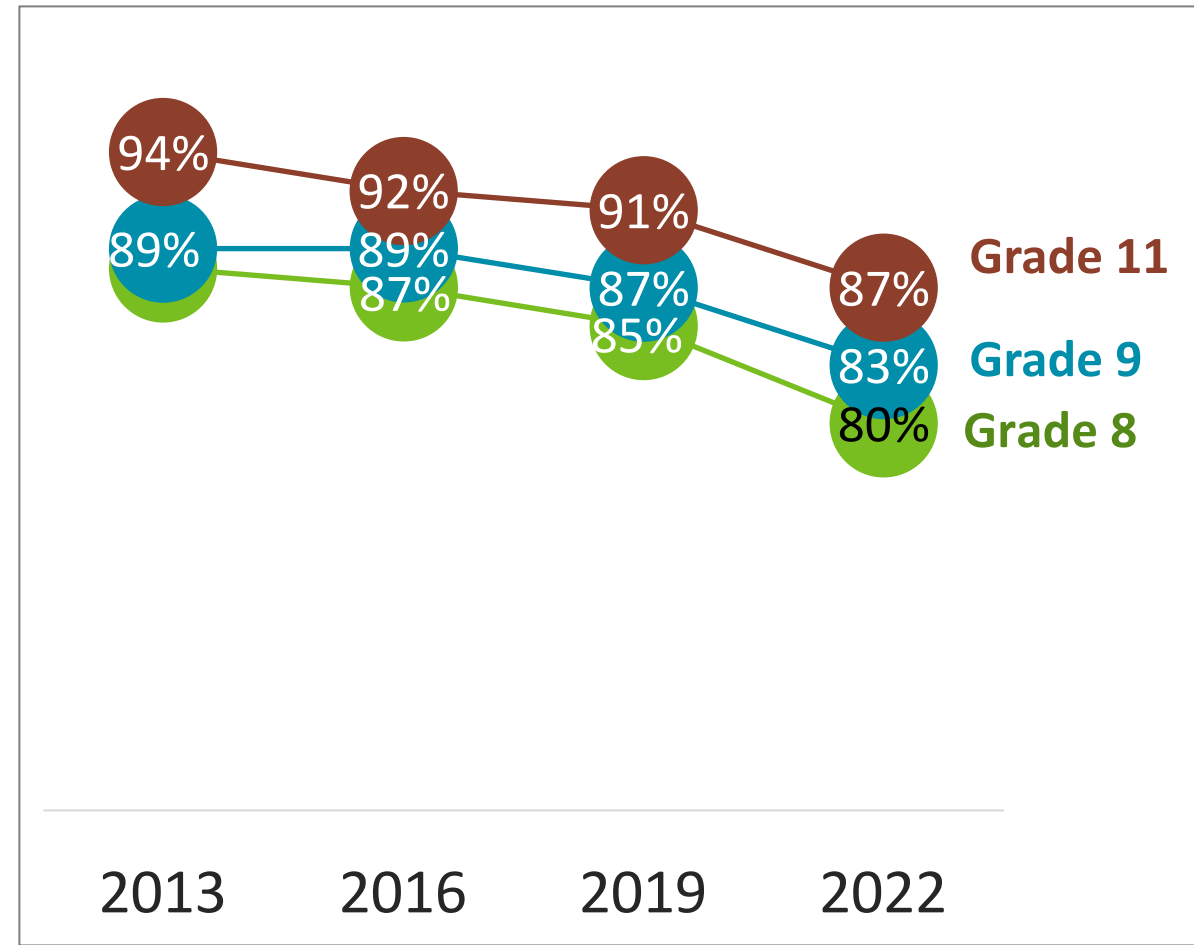




# Girls are more likely to report plans for post-secondary education.



Male Students



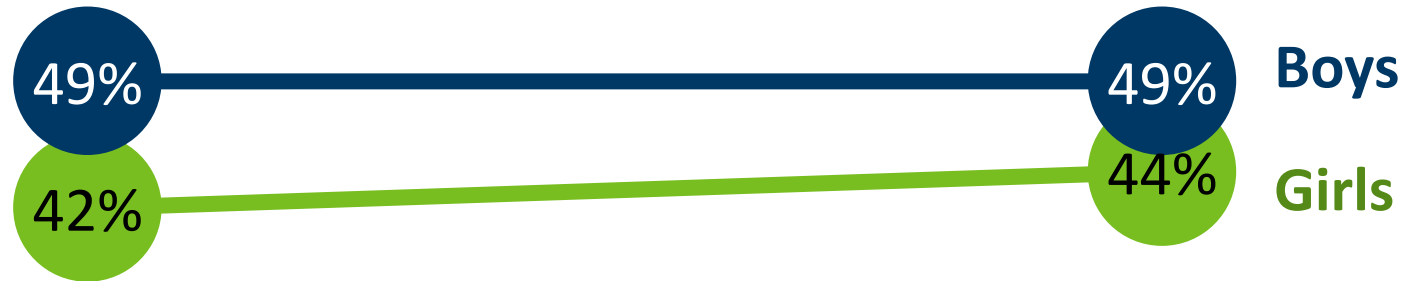
Female Students

# 11<sup>th</sup> Graders reporting Support around Education Options After High School & Career-Focused Field Experiences in 2022.

An adult in school helped you think about education options for after high school (college or other training program).



Adult in school helped you find career-focused field experiences (job shadowing, work-based learning, service learning, career caps, apprenticeships).



2019

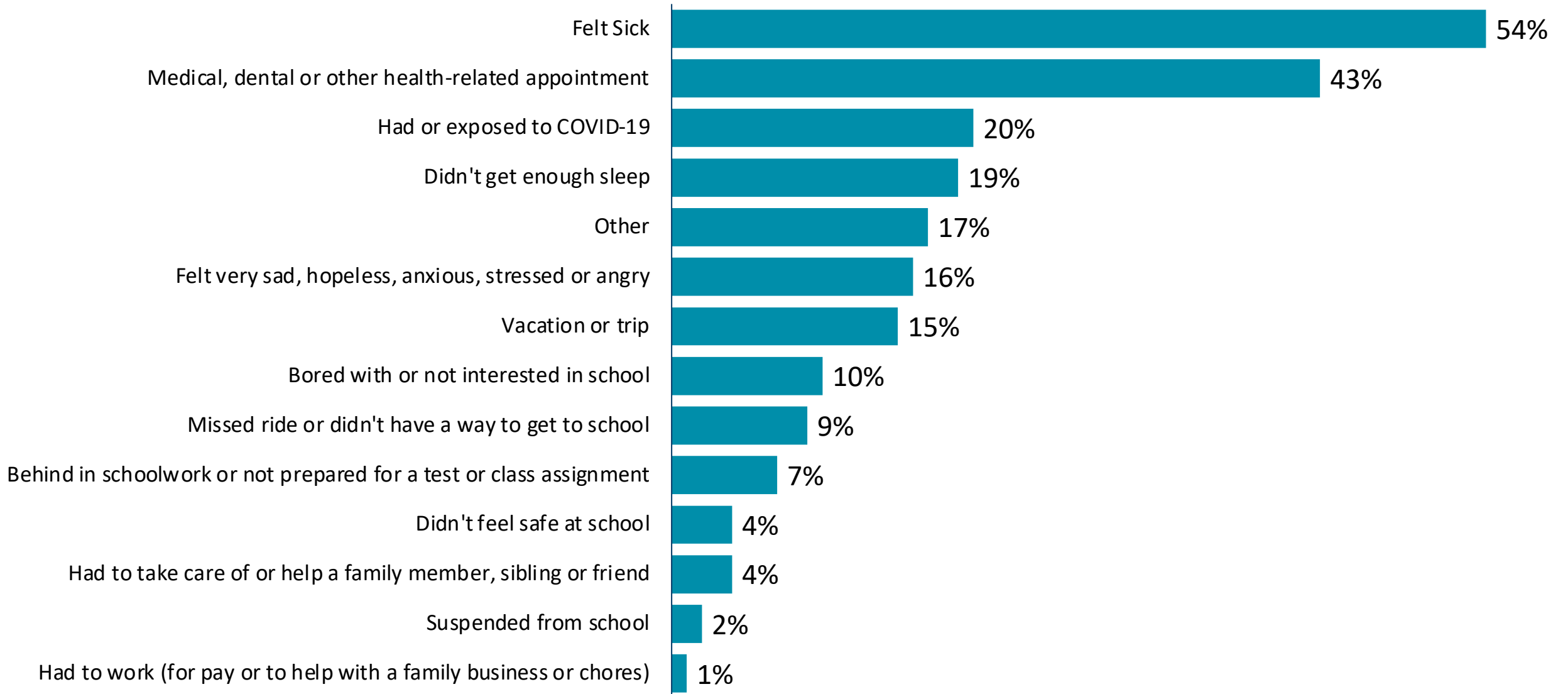
2022

# Health Indicators



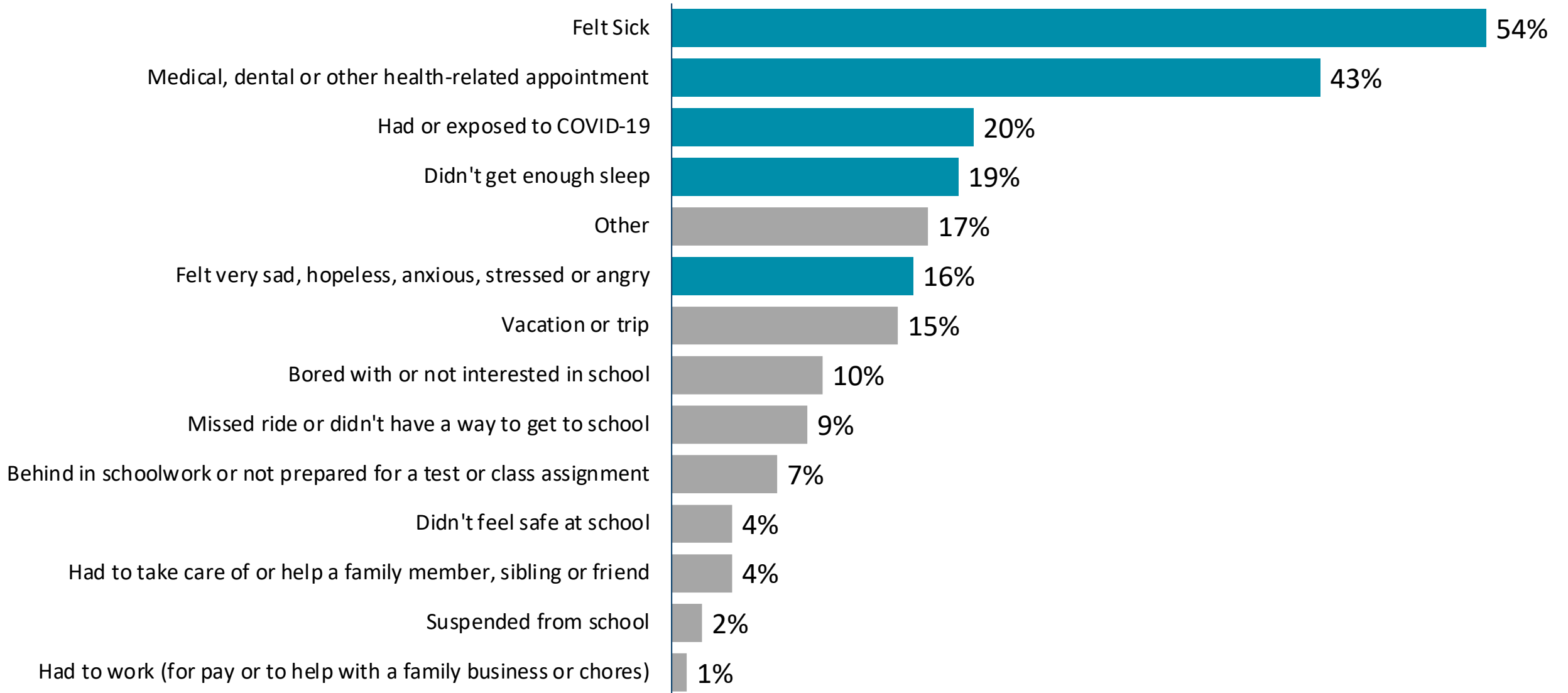
# 9<sup>th</sup> grader reasons for missing school.

Among those who missed part of or a full day of school in the last 30 days in 2022.

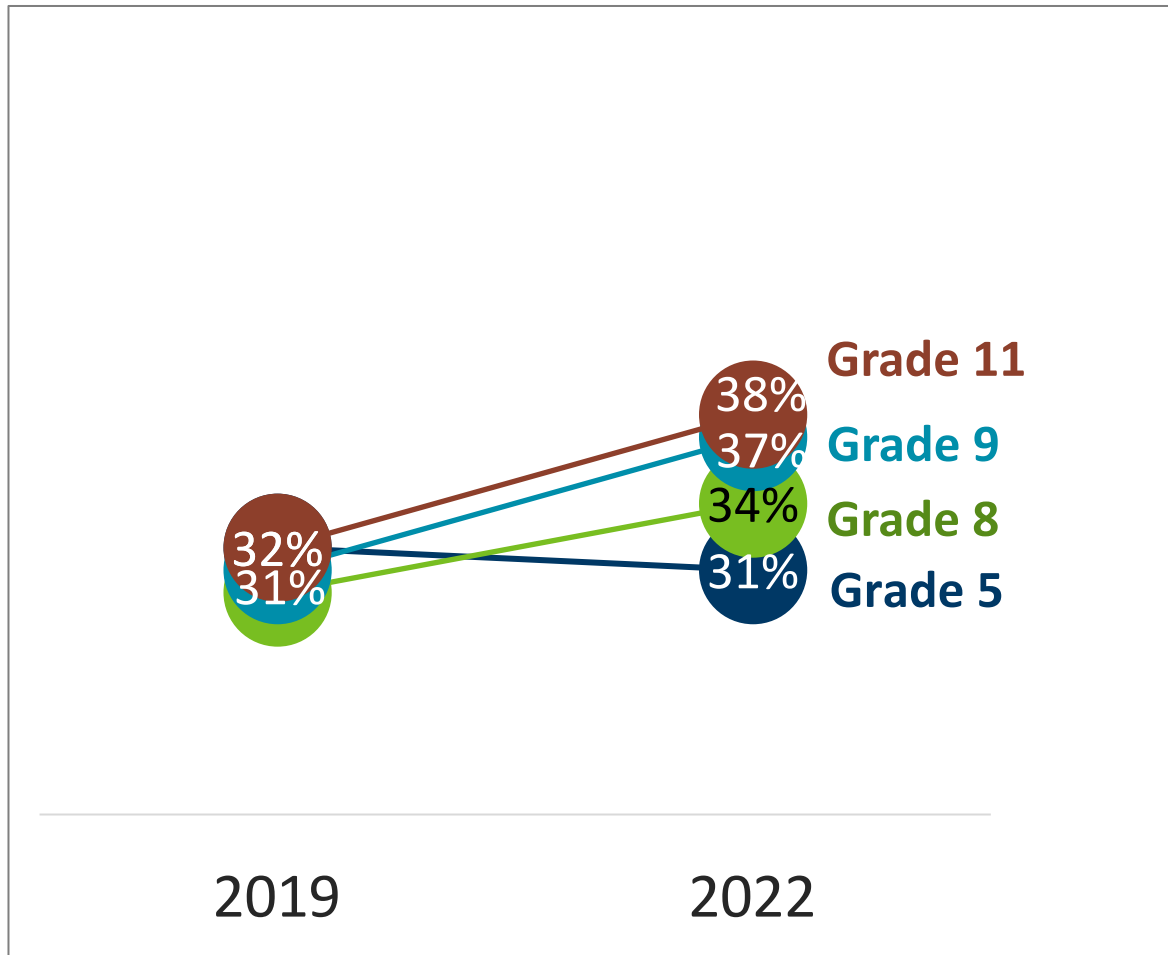


# 9<sup>th</sup> grader reasons for missing school.

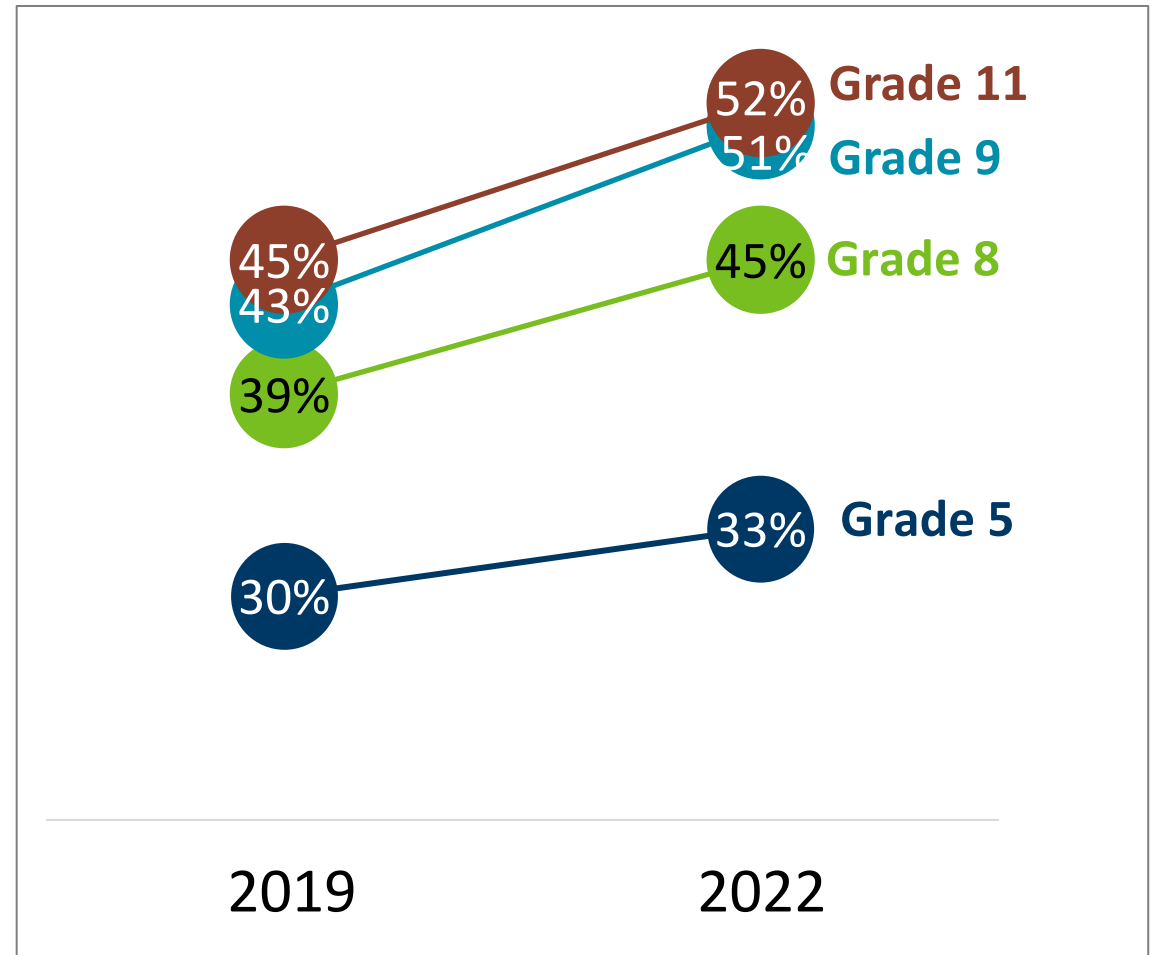
Among those who missed part of or a full day of school in the last 30 days in 2022.



# Girls are more likely than boys to describe their health as good, fair, or poor.

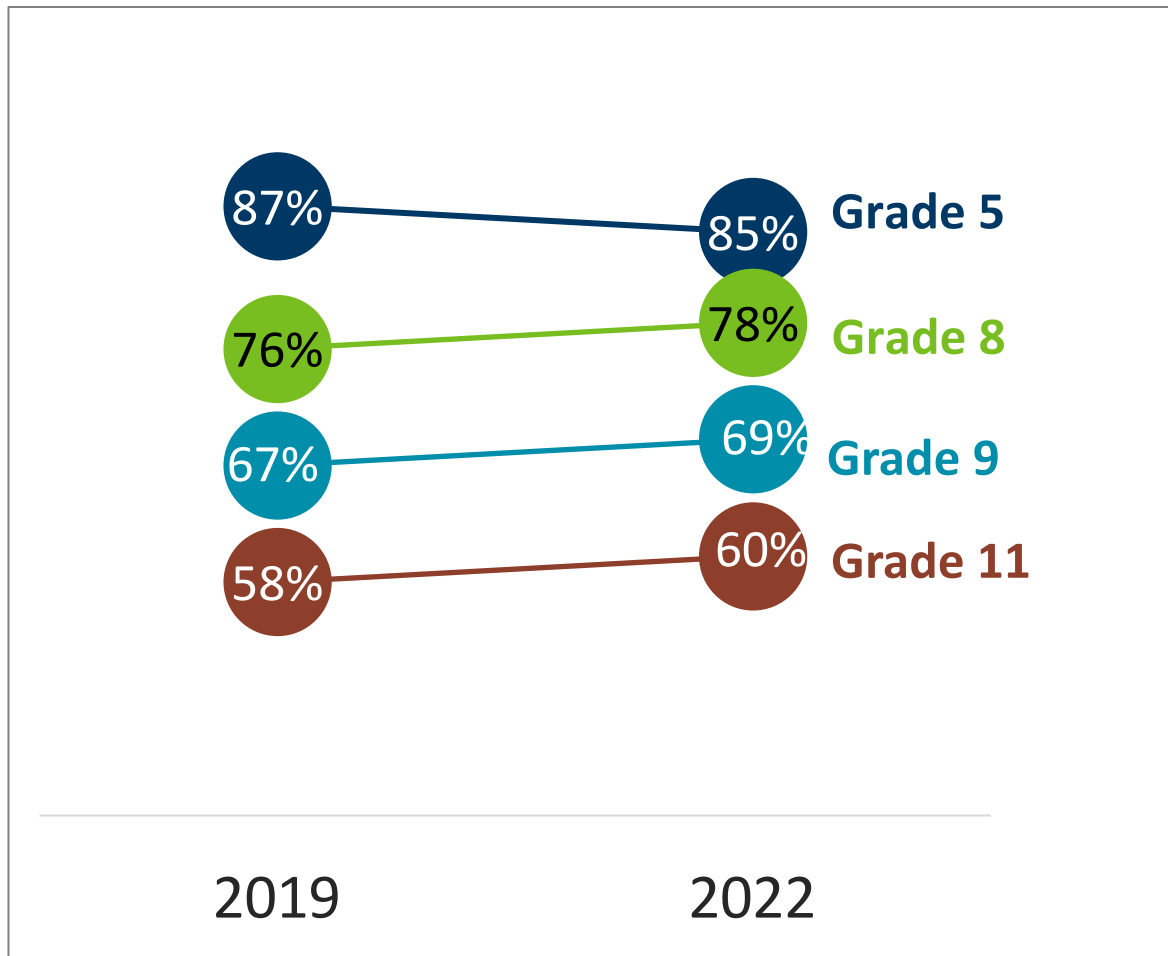


Boys

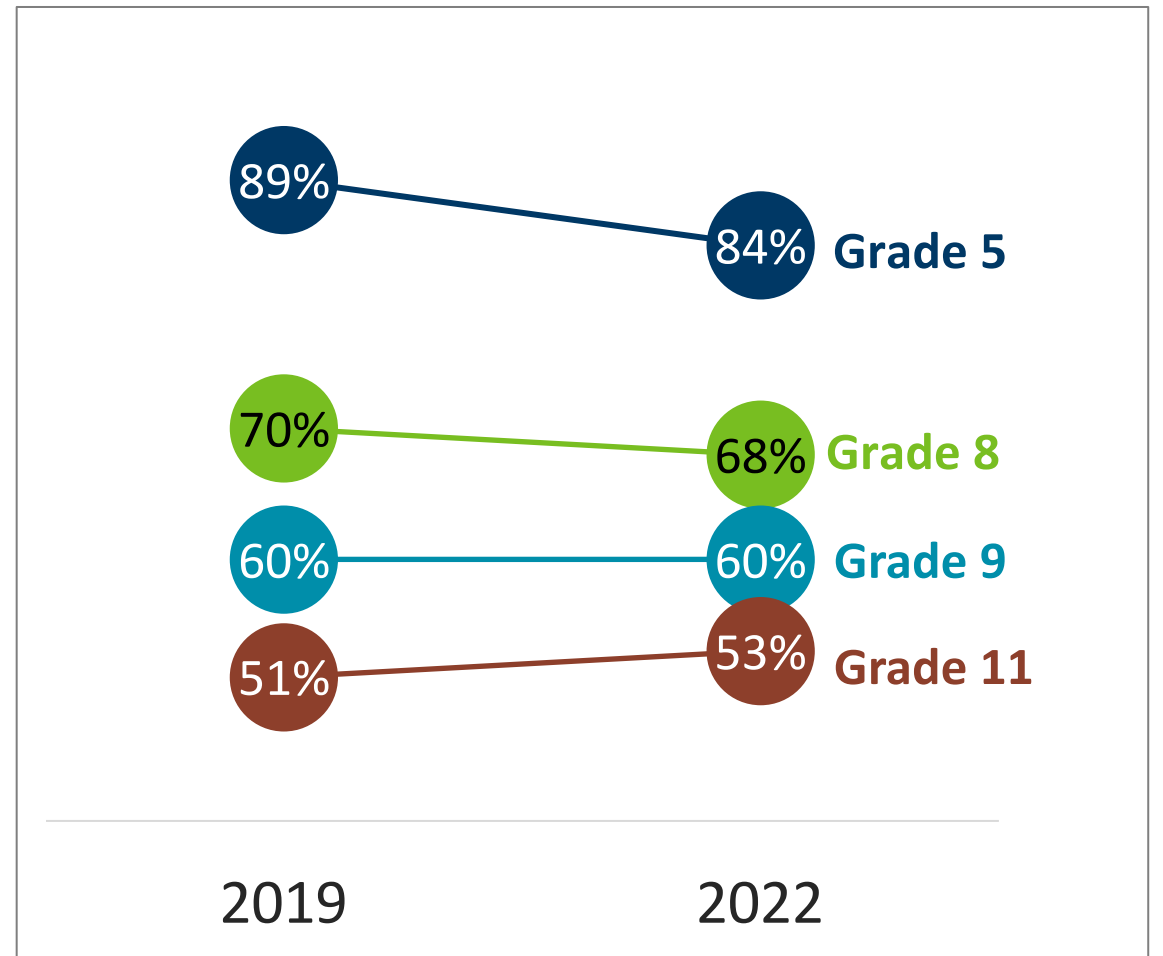


Girls

# Older students are less likely to sleep 7 hours or more on a typical night; gender disparity begins in 8<sup>th</sup> grade

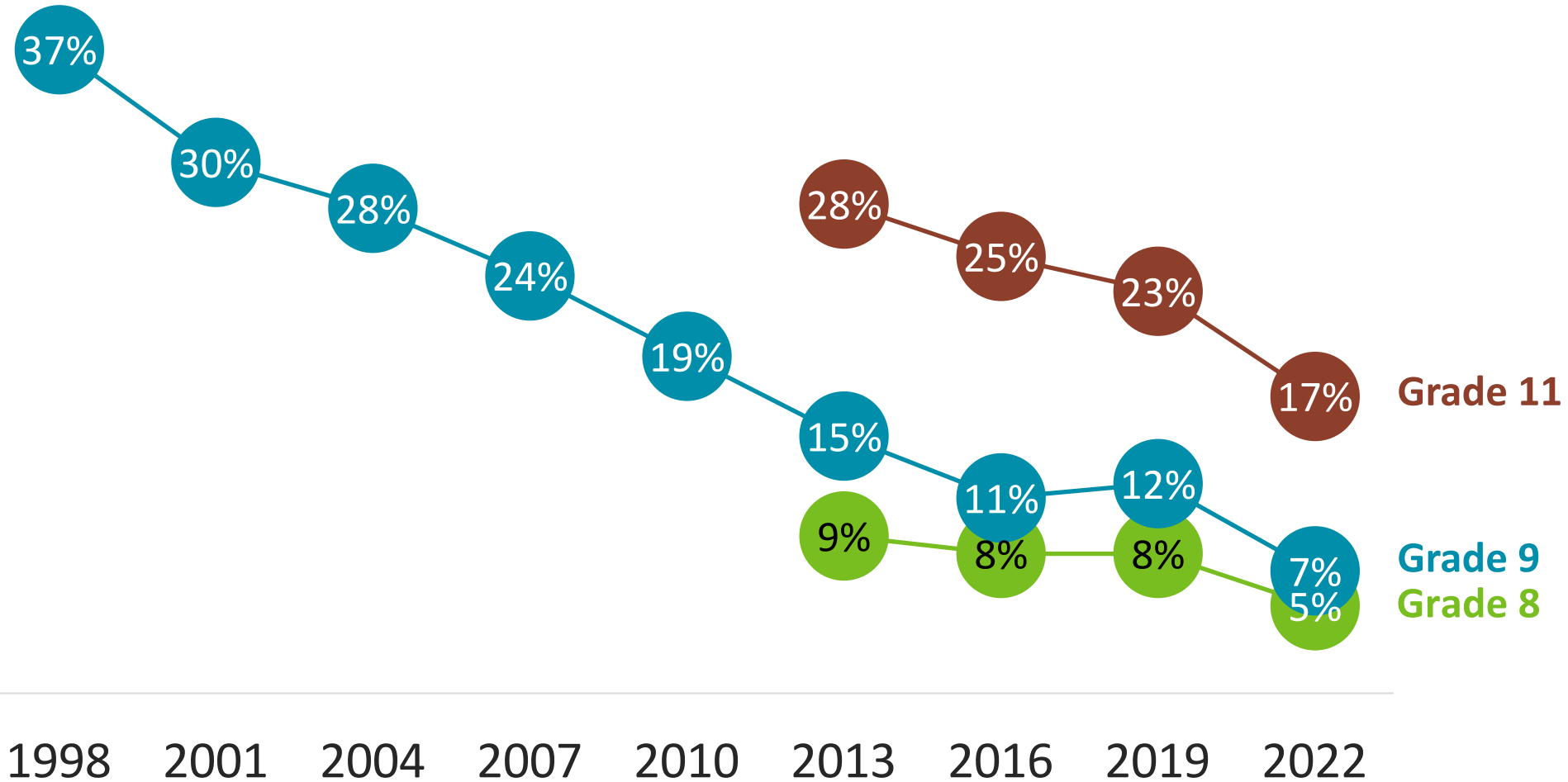


Boys



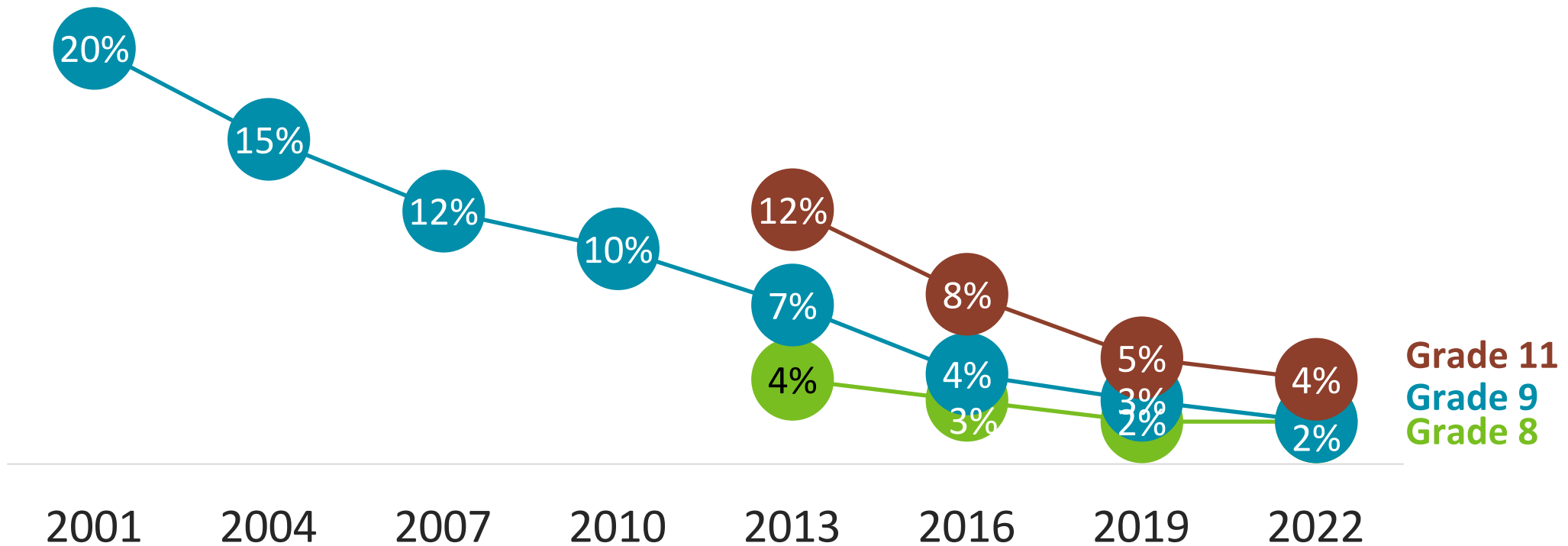
Girls

The percentage of students who reported drinking alcohol has steadily decreased.

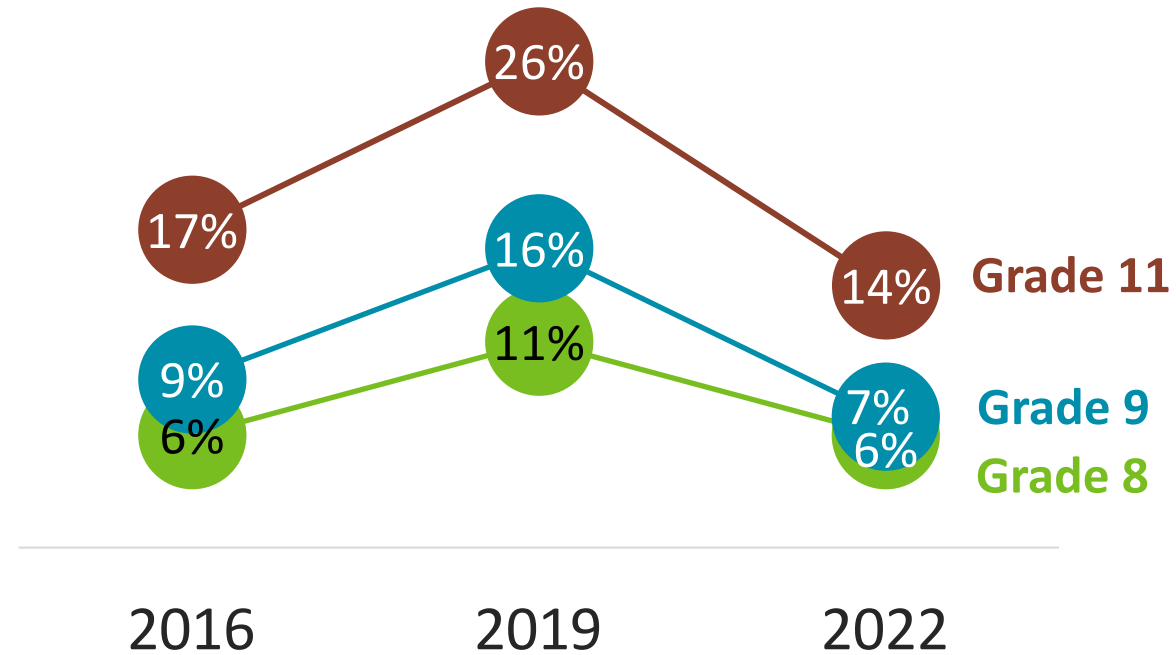




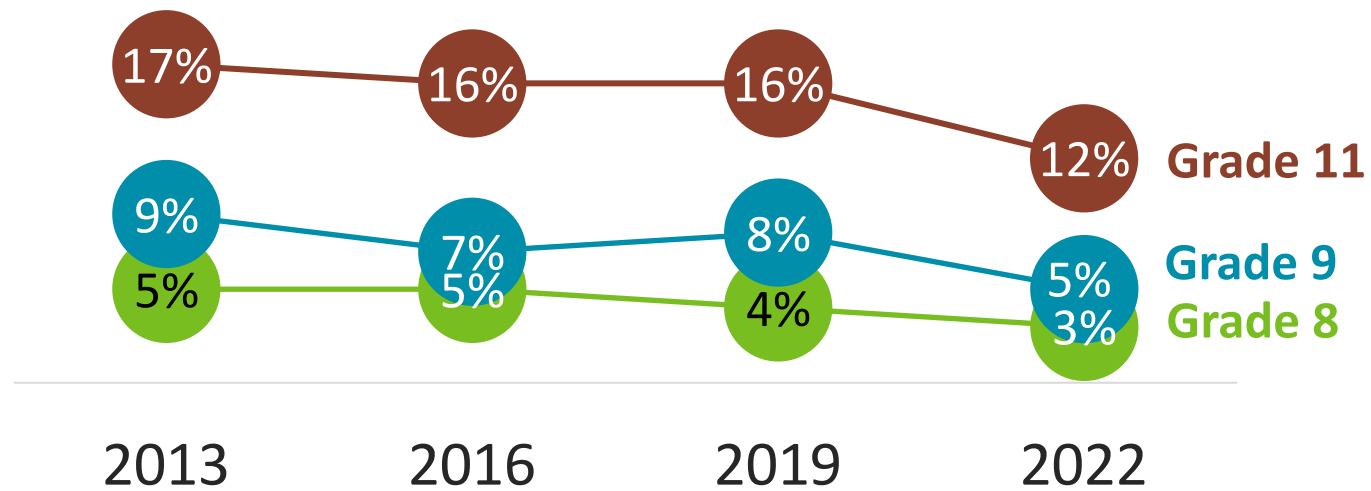
The percentage students who reported smoking **cigarettes** has steadily decreased.



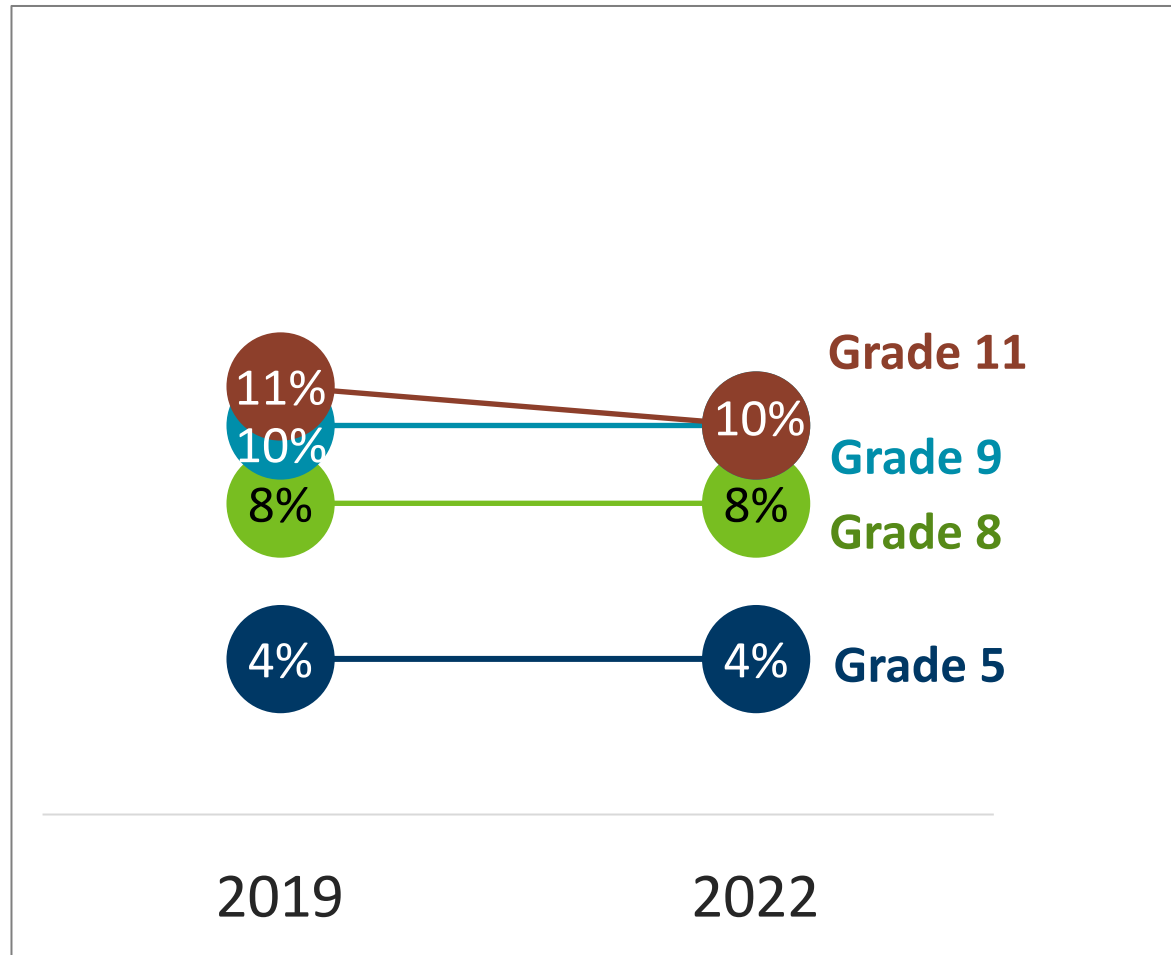
The percentage of students who reported **vaping** declined substantially in 2022.



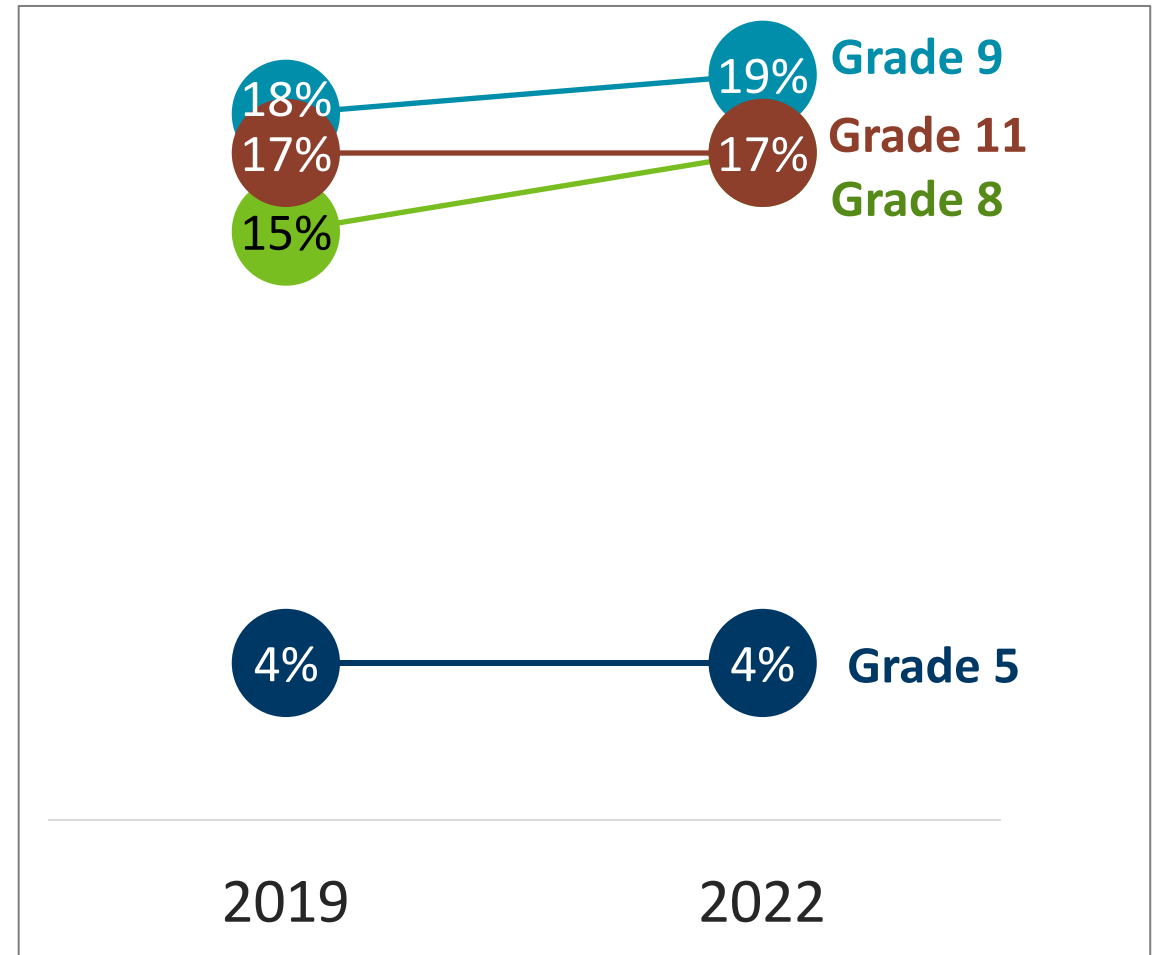
The percentage of students who reported using **marijuana** decreased between 2019 and 2022.



# Girls more likely than boys to report they “usually don’t eat lunch”



Boys



Girls

# Example of Use



## Teachers Care About Students...

### Looks Like

- Varies Teacher to teacher
- Open Communication/Surveys
- Varies Student to Student

- ### Sounds Like
- Grades + Academic
  - Ingenuine
  - Condescending

- ### Feels Like
- Draining
  - Encouraging
  - Uncanny

## TEACHERS INTERESTED IN ME:

### LOOKS LIKE:

- Favorite teachers
- avoiding certain teachers
- intentionally seeing them
- Consistency!
- flexibility (or lack of)

### SOUNDS LIKE:

- asks about personal life
- forced
- ingenuine
- not always COMMON
- asking questions

### FEELS LIKE:

- genuine
- offensive
- disinterested/fake

## How Students Show Teachers they are Connected:

### Looks like:

- Paying attention
- Participating
- Reporting

### Sounds Like

- Communicating outside of class

### Feels Like:

- Appreciated
- Valued

# Discussion



What is coming after seeing the data?

What data are available for you to use?

# Accessing the MSS Data



# Where to Locate the MSS Data: Interactive Reports

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## Minnesota Student Survey Reports 2013-2022

[Download](#)

[PDF](#)

Select Download Format

The Minnesota Student Survey was developed in 1989 to monitor risk and protective behaviors among students. From 1989 through 2010, students in grades 6, 9, and 12 responded to the survey. Beginning in 2013, grade-levels changed to 5, 8, 9, and 11. While many categories remain consistent over time, others are adjusted to reflect current priority topics. Some categories include tobacco, alcohol, and other drug use; nutrition; physical activity; sexual behavior; school safety; mental health; and relationships. The survey is voluntary and anonymous. If a district-level table is not provided, either the district did not participate in the survey that year or the number of participating students was not large enough to provide an individual table. Read the list of questions included in each category and report for the [2013 survey](#), [2016 survey](#), [2019 survey](#), and the [2022 survey](#).

|              |            |   |
|--------------|------------|---|
| Level        | State      | ▼ |
| Name         | Statewide  | ▼ |
| Year         | 2022       | ▼ |
| Category     | Activities | ▼ |
| Report       | ALL        | ▼ |
| Grade        | Grade 5    | ▼ |
| Demographics | ALL        | ▼ |

Run Report



# Minnesota Student Survey Reports 2013-2022

[Download](#)

Select D

The Minnesota Student Survey was developed in 1989 to monitor risk and protective behaviors among students. From 1989 through 2010, students in grade 7-11 completed the survey. Beginning in 2013, grade-levels changed to 5, 8, 9, and 11. While many categories remain consistent over time, others are adjusted to reflect current trends. The survey includes questions on tobacco, alcohol, and other drug use; nutrition; physical activity; sexual behavior; school safety; mental health; and relationships. The survey is voluntary. A district-level table is not provided, either the district did not participate in the survey that year or the number of participating students was not large enough. Read the list of questions included in each category and report for the [2013 survey](#), [2016 survey](#), [2019 survey](#) and the [2022 survey](#).

|              |  |   |
|--------------|--|---|
| Level        | State  | ▼ |
| Name         | Statewide  | ▼ |
| Year         | 2022   | ▼ |
| Category     | School   | ▼ |
| Report       | ALL  | ▼ |
| Grade        | Grade 9  | ▼ |
| Demographics | ALL  | ▼ |
|              | ALL  |   |
|              | Gender: Male   |   |
|              | Gender: Female   |   |
|              | Race: American Indian or Alaskan Native                      |   |
|              | Race: Asian, South Asian or Asian American                   |   |
|              | Race: Black, African or African American                     |   |
|              | Race: Native Hawaiian or Other Pacific Islander              |   |
|              | Race: White  |   |
|              | Ethnicity: Hispanic or Latino/Latina                         |   |
|              | Ethnicity: Middle Eastern or North African                   |   |
|              | Other: Online Students                                       |   |
|              | Other: Special Education                                     |   |
|              | Other: Non-special Education                                 |   |
|              | Other: Sexual Minority (e.g., lesbian, gay, bisexual, queer) |   |
|              | Other: Straight (heterosexual)                               |   |
|              | Other: Gender Minority (e.g., transgender)                   |   |
|              | Other: Cis-gender  |   |

**Run Report**

# Where to Locate the MSS Data: PDF Summary Tables



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[MDE](#) > [Data Center](#) > [Data Reports and Analytics](#)

## Minnesota Student Survey Tables 2013-2022

The Minnesota Student Survey was developed in 1989 to monitor risk and protective behaviors among students. From 1989 through 2010, students in grades 6, 9, and 12 responded to the survey. Beginning in 2013, grade-levels changed to 5, 8, 9, and 11. While many categories remain consistent over time, others are adjusted to reflect current priority topics. Some categories include tobacco, alcohol, and other drug use; nutrition; physical activity; sexual behavior; school safety; mental health; and relationships. The survey is voluntary, confidential, and anonymous. If a district-level table is not provided, either the district did not participate in the survey that year or the number of participating students was not large enough to provide an individual table.

Use the Drop Downs to identify the files of interest

|       |          |
|-------|----------|
| Level | ALL      |
| Name  | ALL      |
| Year  | County   |
|       | District |
|       | State    |

# MSS Data Requests

Minnesota Student Survey (MSS) results are readily available in two formats: [online interactive reports](#) and [downloadable PDF tables](#) at the district, county and state levels.

If these resources do not meet your needs, you may use this form to request **summary PDF reports** or **data files** for your own analysis.

## What MSS data are you requesting? \*

- [Summary PDF report](#) (similar to what is publicly available on the [MDE website](#))
  
  - Data file (e.g., [Excel](#), [SPSS](#), or other type of student-level data file)
-

Other areas for opportunity?



# Thank you!

*[MDE.StudentSurvey@state.mn.us](mailto:MDE.StudentSurvey@state.mn.us)*