



# YOUTH RISK BEHAVIOR SURVEY SUMMARY OF FINDINGS FOR 2022: Maynard Public Schools

# Youth Risk Behavior Survey (YRBS)

## 2022 Emerson YRBS Overview

Since 1997, Emerson Hospital and public school districts within Emerson Hospital's service area have collaborated to conduct the biannual **Emerson Youth Risk Behavior Survey (YRBS)**. The YRBS is a comprehensive survey of students in 6<sup>th</sup> grade, 8<sup>th</sup> grade, and 9<sup>th</sup> through 12<sup>th</sup> grade on topics ranging from mental health and resiliency to technology habits, stress, body image, social media, bullying, substance use and sexual activity.

## Maynard Public Schools YRBS

Maynard Public Schools has participated in the Emerson YRBS since 2002. This report presents findings for Maynard Public School's 6<sup>th</sup> graders, 8<sup>th</sup> graders, and high school students. Maynard Public School's students from these grades are also included in the aggregate for all districts for 2022.



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# 2022 Emerson YRBS Methodology

- Emerson YRBS strives to achieve a census of students in 6<sup>th</sup> grade, 8<sup>th</sup> grade, and high school. Ten public school districts participated in the 2022 survey, including 7,722 students in 6<sup>th</sup> grade, 8<sup>th</sup> grade and high school who completed an online survey in March, 2022.
- Questionnaires are age-appropriate and based on the Massachusetts YRBS and U.S. Centers for Disease Control and Prevention versions.
- Students participating in the Emerson YRBS are guaranteed confidentiality. Identifying information about students is not kept, and results are only reported in grouped form, with no way of identifying individuals.
- Of the 483 students enrolled in Maynard on March, 2022, 89% responded to the survey. The remaining students were either absent on the days the surveys were conducted, their parents/guardians opted for them not to participate, they submitted a blank survey (indicating refusal to participate), or the survey was not administered due to some technical challenges.

## Students Participating in 2022 Emerson YRBS

	Total Surveyed	6th Grade	8th Grade	High School
<b>2022 TOTAL:</b>	<b>7,722</b>	<b>1,498</b>	<b>1,527</b>	<b>4,684</b>
Acton-Boxborough Regional School District	1,848	384	322	1,139
Ayer Shirley Regional School District	421	95	123	202
Bedford Public Schools	1,115	180	191	744
Concord-Carlisle High School/Concord Public Schools	993	174	171	644
Carlisle Middle School/Carlisle Public Schools	128	53	75	0
Groton-Dunstable Regional School District	657	117	142	398
The Bromfield School (Harvard Public Schools)	442	74	82	285
Littleton High School/Littleton Public Schools	586	126	125	334
<b>Maynard Public Schools</b>	<b>430</b>	<b>85</b>	<b>80</b>	<b>265</b>
Nashoba Regional School District	1,102	210	216	673



\* Data collection for these grades could not be completed before pandemic-related district closure in March, 2020.

\*\* Carlisle Middle School joined Emerson YRBS in 2020 and is its own district (no high school).

# Comparing 2022 and Previous Results for Emerson YRBS

## Historical Comparisons

- In this report, we compare 2018, 2020, 2021, and 2022 results for 6<sup>th</sup> graders, 8<sup>th</sup> graders, and high school students. We also include an aggregate for all districts combined for 2022, and Maynard's students are represented in the aggregate.

## Census vs. Sample: What is the YRBS?

- A **census** is a survey that includes everyone in the population being surveyed (e.g., all 6<sup>th</sup> or 12<sup>th</sup> grade youth). A **sample** surveys some members of the population, but not everyone.
- Emerson YRBS is designed to be as close to a census of 6<sup>th</sup> grade, 8<sup>th</sup> grade, and high school youth as possible. There are, however, some youth who did not participate in the survey, so technically, the YRBS is a sample.
- Because the Emerson YRBS sample is so large, however, nearly all differences (including small differences) will register in statistical software as statistically “significant.” This does not necessarily mean all changes are meaningful.

## How to Gauge Whether a Difference is Meaningful in the Emerson YRBS

- Substantial differences (5% or more) will be highlighted in red

## Companion Document

Along with this report, Emerson Hospital has received **data tables** in Excel format that include:

- Comparable totals for 2018, 2020, 2021, 2022
- Breakdowns by grade for 2018, 2020, 2021, 2022
- Breakdowns for 2022 by selected student characteristics (gender, sexual orientation, race/ethnicity)

## Questions

In this report, questions are referred to by number, e.g., “Q23” refers to Question 23 in the survey. Question numbers and exact question wording are also cross-referenced in the companion documents.



# Previous Participation by School Districts

	2018	2020 (pre-COVID)	2021	2022
Acton-Boxborough	☑	☑	☑	☑
Ayer-Shirley	☑	-	-	☑
Carlisle Middle School	-	☑	-	☑
Concord-Carlisle	☑	☑	-	☑
Groton-Dunstable	☑	☑	☑	☑
Harvard Bromfield	☑	☑	-	☑
Littleton	☑	☑	-	☑
Maynard	☑	☑	☑	☑
Nashoba	☑	☑	-	☑
Bedford	-		-	☑

Question numbers are included at the bottom of the slides throughout this report, to show the number, text, and years the question was asked of students.

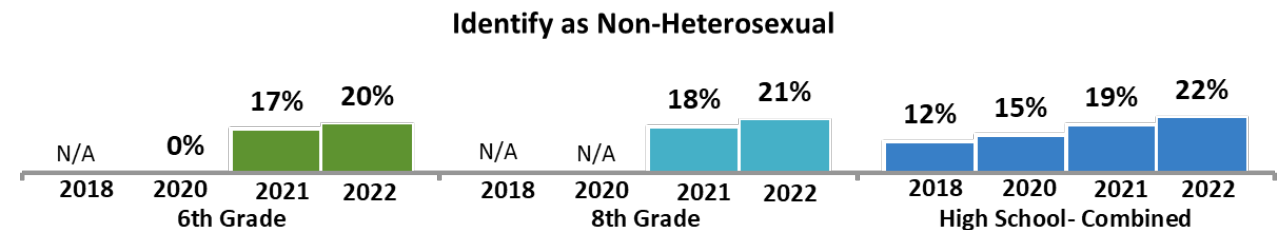
Question #	Question Text	Years Question Was Asked			
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Q44	During the past 12 months have YOU repeatedly threatened humiliated or harassed (bullied) someone in school?	2018	2020		2022



# Student Demographic Profile

2022	6 <sup>TH</sup> Grade	8 <sup>th</sup> Grade	High School
<b>Gender (Q3)*</b>			
Female	43%	51%	50%
Male	50%	44%	47%
Non-binary	7%	5%	3%
<b>Transgender (Q4)**</b>			
Yes	4%	1%	3%
No	89%	96%	97%
Not sure	7%	3%	1%
<b>Sexual Orientation (Q5)</b>			
Straight (heterosexual)	54%	74%	71%
Gay or lesbian (homosexual)	5%	1%	5%
Bisexual	12%	13%	13%
Another orientation (asexual, pansexual etc.)	2%	8%	5%
Not sure	27%	5%	7%
<b>Identify as Hispanic/Latinx**</b>			
Yes	13%	14%	17%
No	87%	86%	83%
<b>Race/Ethnicity- Select as many as apply (Q16)*</b>			
American Indian or Alaska Native	4%	3%	3%
Southeast Asian American	2%	1%	2%
Middle Eastern American	2%	0%	0%
Asian American	5%	1%	3%
Black or African American	4%	6%	5%
Native Hawaiian or other Pacific Islander	0%	0%	1%
White	66%	83%	85%
Don't Know	24%	9%	8%

- The proportion of Maynard students who identify as non-heterosexual shows a slight, but steady increase over the past 4 years.



\* Question was changed from previous surveys

\*\* New Question

# Overall Summary of Findings

# As 2022 marks a return to the classroom after the pandemic, it also marks a return and increase of some risk behaviors and attitudes.

- This year posed unique challenges for students compared to previous years, as many were returning to classroom settings since the pandemic.
- As students readjust to interacting with their peers more frequently, they are also exhibiting increases in risk behaviors compared to previous years.
- 6<sup>th</sup> graders, in particular, exhibited many increases in risk behaviors compared to previous years.



## Substantial increases among Maynard 6<sup>th</sup> graders.

- **Not having a trusted adult outside of school:** 5%\*\*
- **Not having a trusted adult at school:** 8%\*\*
- **Being bullied at school:** 11%\*
- **Experiencing stress at home:** 9%\*\*
- **Trying to lose weight:** 10%\*\*
- **Having hidden social media:** 8%\*\*
- **Spending 4+ hours on social media:** 6%\*\*
- **Risky situations from online behavior:** 5%\*\*



## Substantial increases among Maynard 8<sup>th</sup> graders.

- **Sexual harassment:** 6%\*\*
- **Identifying as overweight:** 10%\*\*
- **Trying to lose weight:** 9%\*\*
- **Leaving phones on in the bedroom:** 7%\*\*
- **Willingness to seek out a teacher for help:** 11%\*\*



## Substantial increases among Maynard high schoolers

- **Sexual harassment:** 9%\*\*
- **Self-harm:** 7%\*\*
- **Suicide consideration:** 6%\*\*
- **Viewing pornography:** 6%\*\*





# However, this year also saw some substantial decreases in risky attitudes and behaviors.

- Compared to previous years, students also exhibited a shift away from certain attitudes and behaviors.
- Many of these behaviors indicate students are spending less time online as they are returning in-person to the classroom.



## Behaviors and attitudes that have decreased among Maynard 6<sup>th</sup> graders

- **Stress from academic workload:** 9%\*\*
- **Leaving phones on in the bedroom at night:** 17%\*\*
- **Going without food 3+ times a month:** 11%\*\*
- **Unmonitored cellphone use:** 7%\*\*
- **Viewing pornography:** 5%\*\*



## Behaviors and attitudes that have decreased among Maynard 8<sup>th</sup> graders

- **Stress from academic workload:** 5%\*\*
- **Stress at home:** 7%\*\*
- **Identifying as underweight:** 6%\*\*
- **Trying to gain weight:** 8%\*\*
- **Spending 6+ hours on visual media:** 16%\*\*
- **Unwanted online contact:** 9%\*\*
- **Viewing pornography:** 15%\*\*
- **Unmonitored cellphone use:** 9%\*\*



## Behaviors and attitudes that have decreased among Maynard high schoolers

- **Stress from the pandemic:** 24%\*\*
- **Alcohol consumption:** 7%\*\*
- **Spending 6+ hours on visual media:** 9%\*\*
- **Risky situations from online behavior:** 6%\*\*



# Although many risk behaviors and attitudes increase with age, 6<sup>th</sup> and 8<sup>th</sup> graders showed many areas of vulnerability.

- As can be expected, there are stark differences in risky behavior based on grade, with younger and older students dealing with different problems and finding different ways to cope.
- For many of these risk behaviors, rate of incidence slowly increases between 6<sup>th</sup> and 9<sup>th</sup> grade and then undergoes a sizable increase around 10<sup>th</sup> grade, indicating that as students physically mature, they open themselves up to several more potentially harmful behaviors and stressors.
  - Maynard 10<sup>th</sup> graders, in particular, showed higher rates of several risk behaviors.

- Compared to students in higher grade levels, Maynard 6<sup>th</sup> graders are more likely to deal with:
  - Being bullied
- However, these students also report having more protection against certain risks including:
  - More sleep at night
  - More parental involvement in social media use

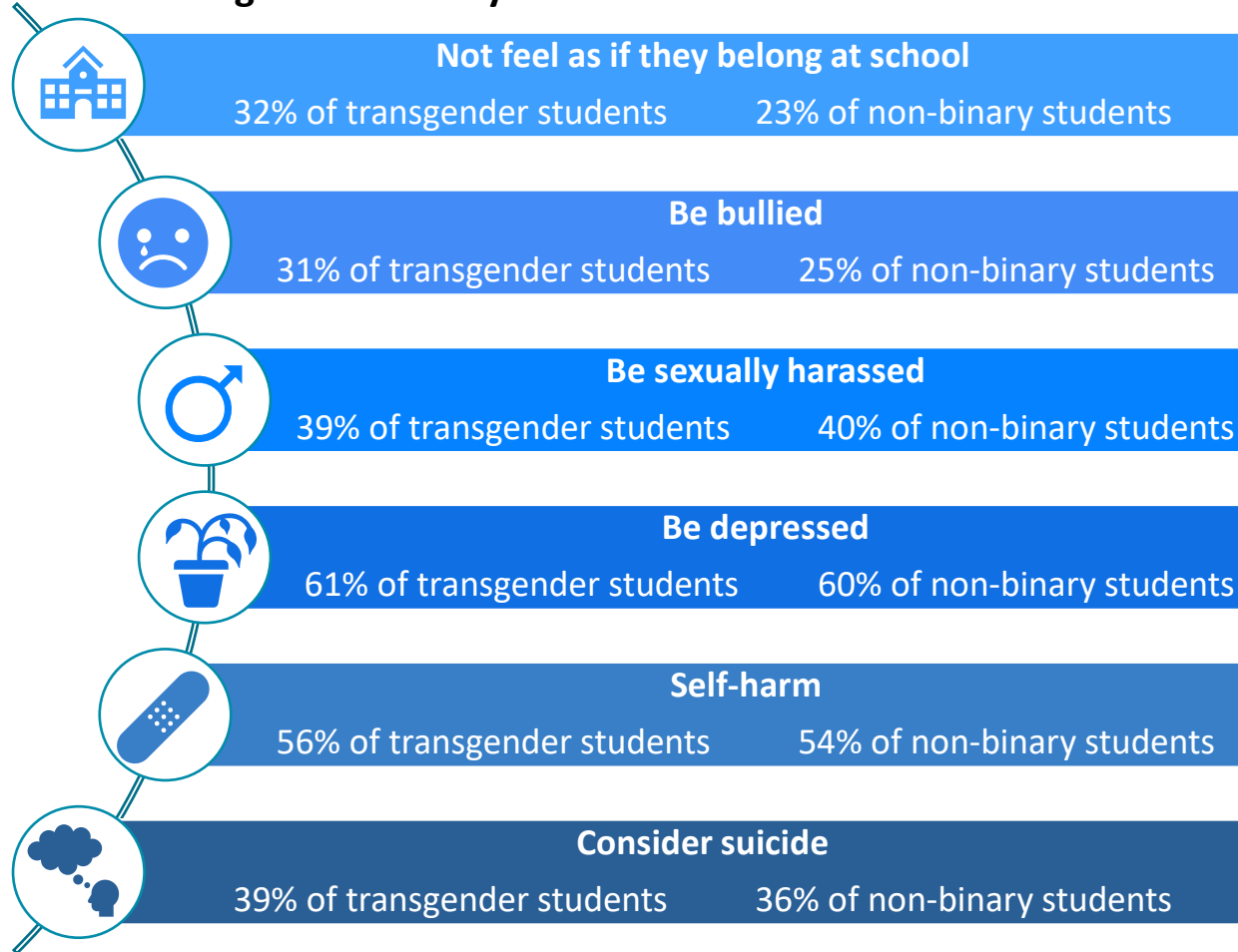


- As students reach higher grade levels, they are much more likely to engage in several risky behaviors, including:
  - Alcohol, e-cigarette, and marijuana use
  - Sexual intercourse
  - Pornography
  - Depression
- Additionally, these students indicate being under more stress from their academic workload and home.



# On the aggregate level, students who identify as transgender or non-binary are especially vulnerable.

**Among other risk-factors, those with a non-traditional gender identity are at an increased likelihood to:**

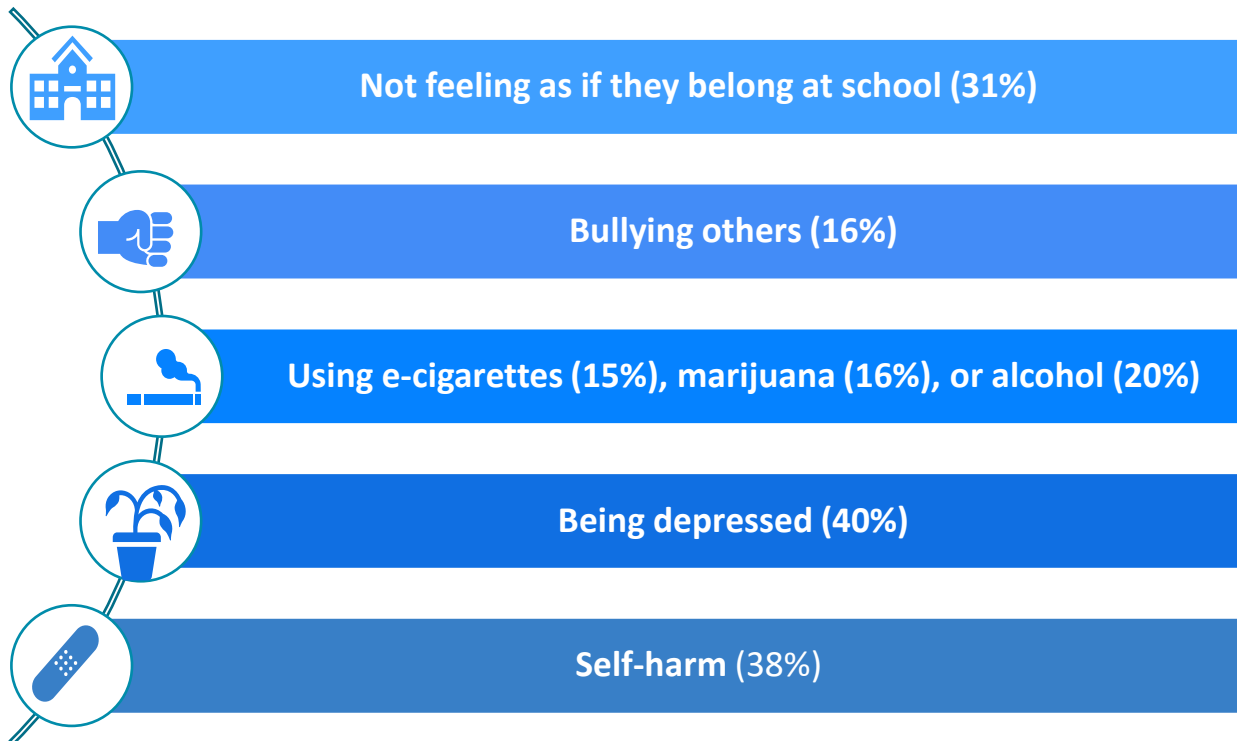


- Students who identify as transgender or non-binary show a disproportionate rate of incidence for several risk behaviors.
- Notably, over half of these students indicate recently feeling depressed or engaging in self-harm.
- Most concerning, over a third of students who identify as transgender or non-binary also indicate considering suicide at some point in the last 12 months.
- These students are more than 2x as likely to not know where to go or who to talk to if they had a serious problem, indicating that many suffer in silence.



# Certain racial and ethnic groups also indicated being an increased incidence of several risk behaviors in the aggregate.

- Although they only make up 1% of the population, students who identify as Native Hawaiian or Pacific Islander display an increased likelihood of substance use and other risks, such as:



Other racial and ethnic identities that show a particularly high prevalence of risk behaviors include:

- American Indian or Alaska Native
- Black or African American
- Southeast Asian Americans

- Likewise, many of these groups also display a high prevalence of not having trusted adults to speak to when they have a problem.
  - As such, special effort should be taken to make sure minority students feel as if they belong at school and have individuals they can trust there.



# Resilience, Trust, and Belonging

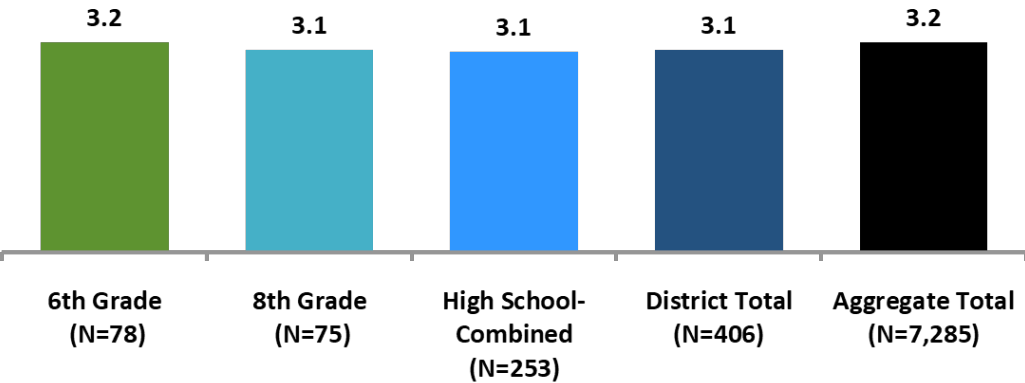
# Segmentation: Resilience

New to this year, students completed the 6-item Brief Resilience Questionnaire (Smith et al., 2008). Students indicated the extent to which they agreed with the following statements on a scale ranging from 1 (Strongly disagree) to 5 (Strongly agree):

1.	I tend to bounce back quickly after hard times.
2.	I have a hard time making it through stressful events.*
3.	It does not take me long to recover from a stressful event.
4.	It is hard for me to snap back when something wrong happens.*
5.	I usually come through difficult times with little trouble.
6.	I tend to take a long time to get over setbacks in my life.*

Maynard students' overall score on this scale was consistent across grades.

Overall Resilience Score



Segmentation analysis of the aggregate revealed 3 distinct segments in the student population when it comes to resilience:

### High Resilience

- Had an average resilience score of 4.0.
- 28% of student population.

### Moderate Resilience

- Had an average resilience score of 3.1.
- 53% of student population.

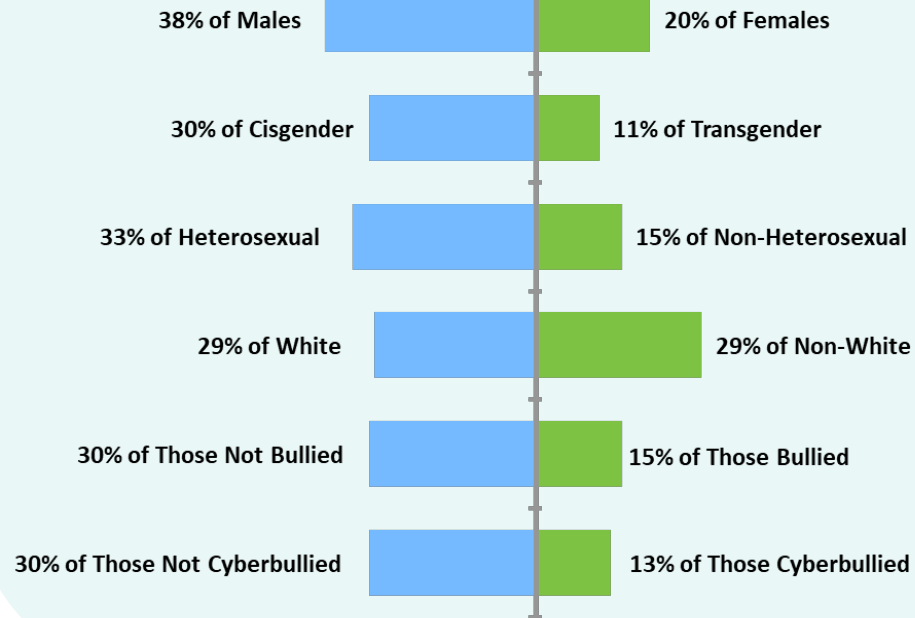
### Low Resilience

- Had an average resilience score of 2.1.
- 19% of student population.

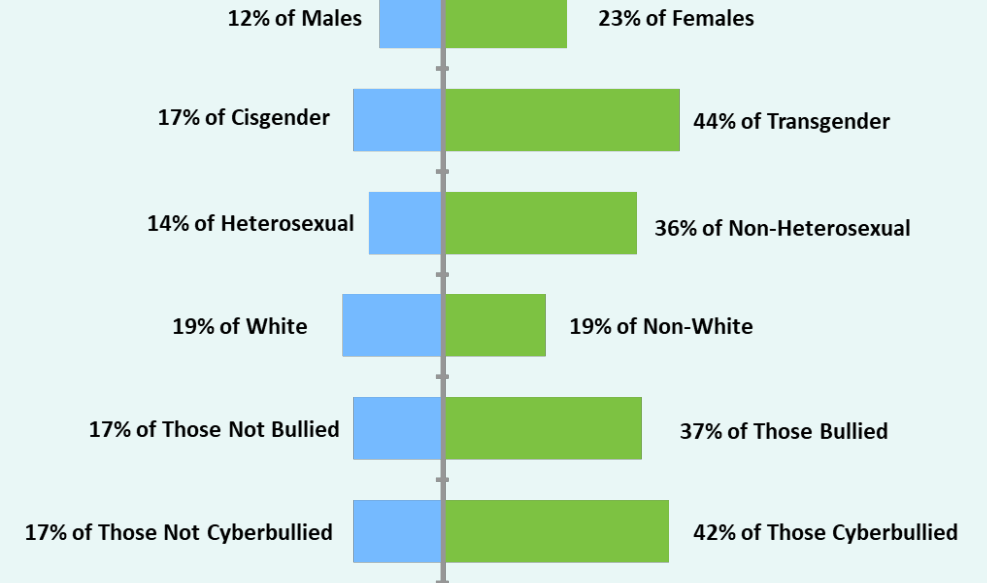
# A segmentation of the aggregate reveals a strong gender and sexuality gap in resiliency.

- Those who identify as female, non-heterosexual and/or to have experienced bullying are more likely to be low in resilience.
- Males are nearly 2x more likely to be high in resilience than females.
- Students high in resilience are especially likely to identify as heterosexual and to have NOT experienced bullying.

### High Resilience

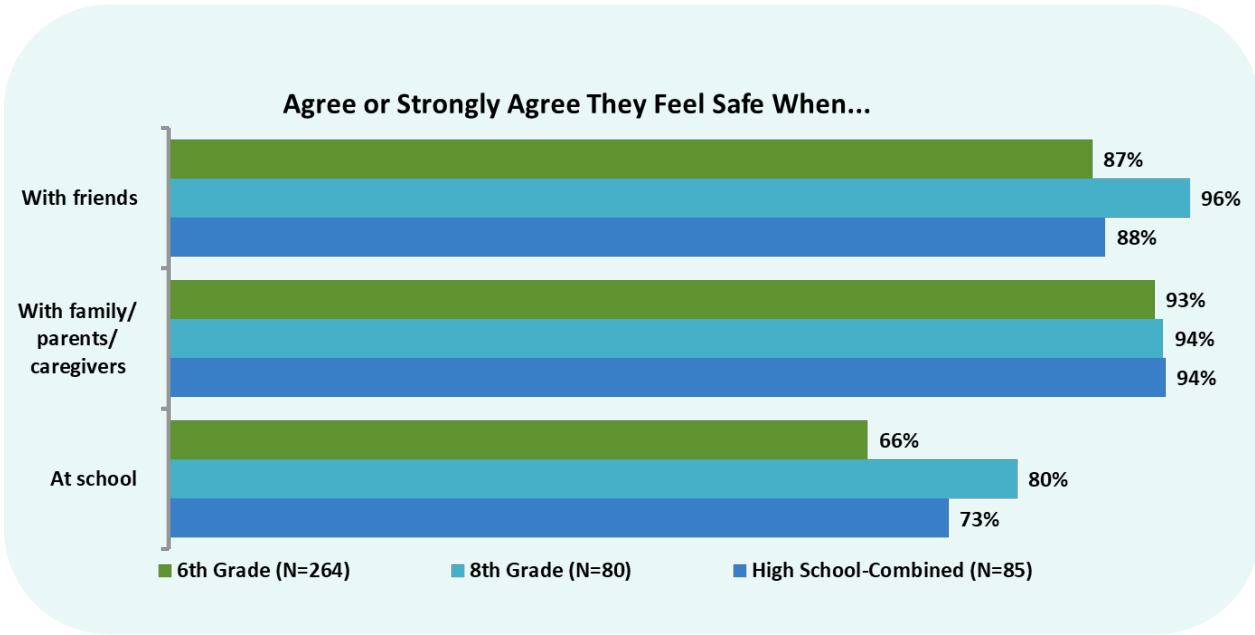
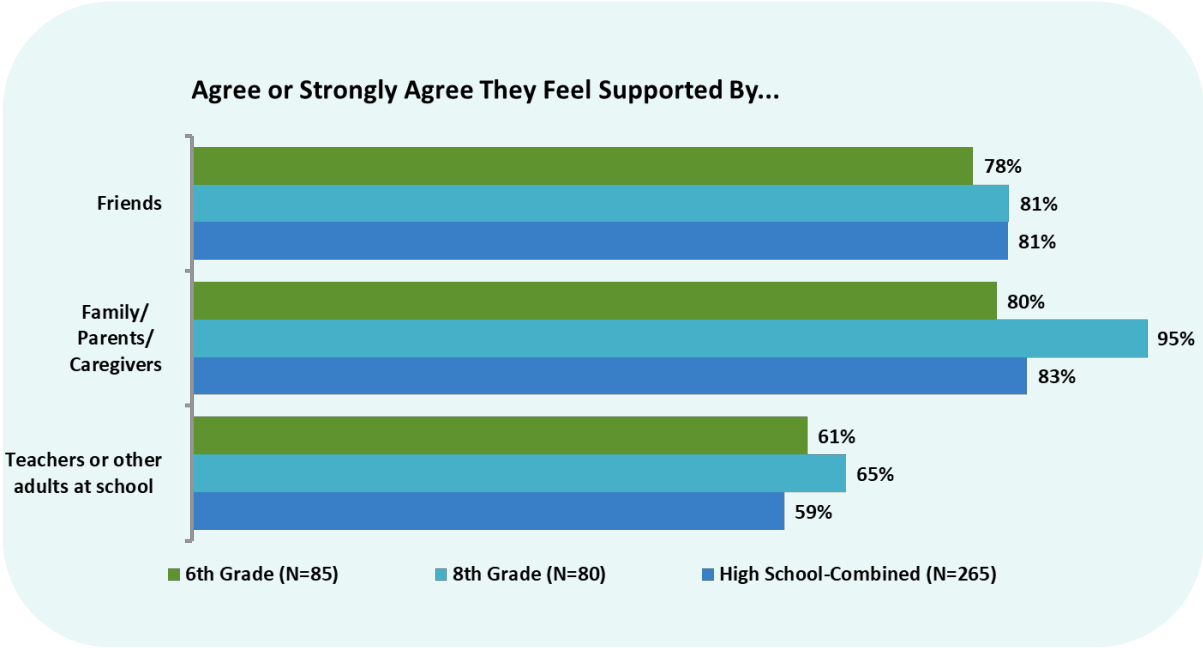


### Low Resilience



# Sources of Support and Safety

- While those in the 6<sup>th</sup> grade and high school feel relatively equal levels of support among family and friends, those in the 8<sup>th</sup> grade show a strong feeling of support from their family.
- All students indicate feeling lower levels of support from teachers or adults at school.
- While home is the place that most 6<sup>th</sup> grade and high school students feel safe, a near equal proportion of 8<sup>th</sup> graders feel safe at home or with friends.
- While smaller proportions of all grade-levels indicate feeling safe at school, this gap is especially strong for 6<sup>th</sup> graders.

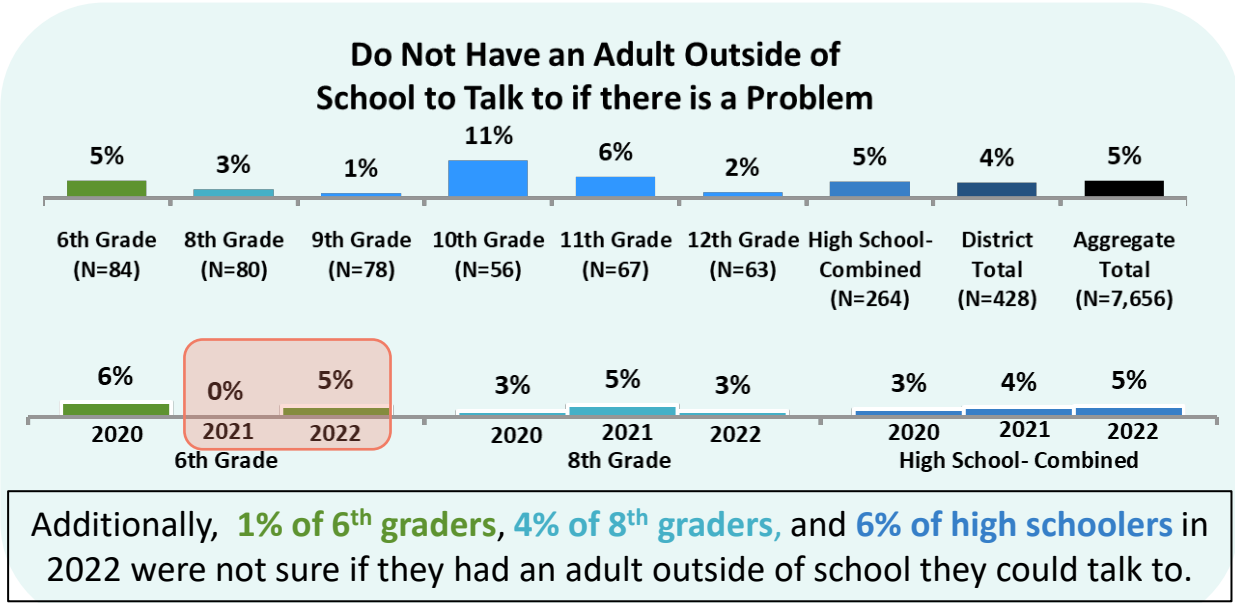


Q28, Q29, Q30	I feel Supported by ...my friends, ...my family/parents/caregivers, ...my teachers and other adults at school.				2022
Q32, Q33, Q34	I feel safe when I am ...with friends, ...with my family/parents/caregivers,... at school.				2022



# Trusted Adults Outside of School

- Overall, 91% of Maynard students feel they have an adult outside of school that they can talk to if experiencing a problem.
- While the proportion of those who feel they do not have a trusted adult is low and remains stable over the years, over 1 in 10 of those in the 10<sup>th</sup> grade indicate not having one.
- Additionally, 67% of Maynard students who do not have an adult outside of school also report not having an adult at school to talk to.



## Aggregate Demographics and Behaviors Associated with Not Having a Trusted Adult Outside of School (5% of the population)

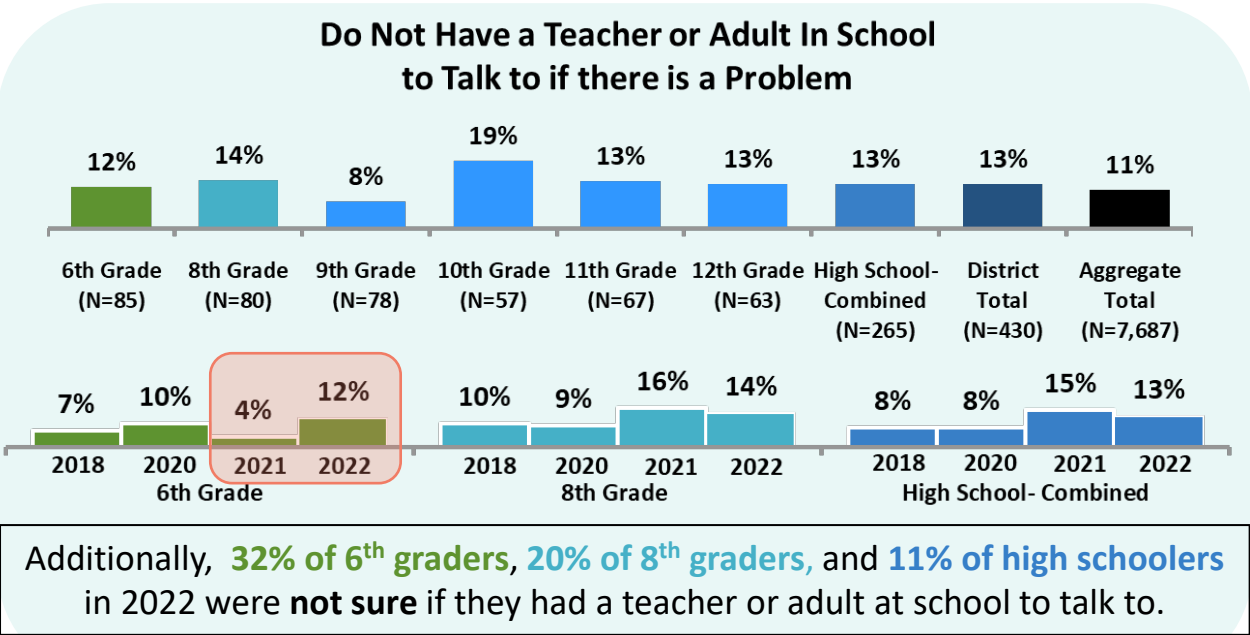
- Demographics**
- 11% of those who identify as non-binary
  - 17% of those who identify as transgender
  - 12% of those who identify as Southeast Asian American
  - 12% of those who identify as American Indian or Alaska Native
  - 13% of those who identify as Native Hawaiian or Pacific Islander

- Those who don't have an adult outside of school are also likely to:**
- Not have a trusted adult or teacher at school (55%)
  - Have been bullied (26%) or cyberbullied (21%)
  - Be sexually harassed (35%)
  - Bully (10%) or cyberbully others (9%)
  - Feel depressed (59%), self-harm (45%), or consider suicide (36%)
  - Use e-cigarettes (12%)
  - Have sexual intercourse (15%)
  - View pornography (39%)
  - Send or receive sexual messages (29%)
  - Engage in unhealthy dieting (24%)
  - Be in the "low resilience" segment (38%)



# Trusted Adults at School

- Overall, 70% of Maynard students feel they have a teacher or adult at school they can talk to if they are experiencing a problem.
- Those in the 10<sup>th</sup> grade have a particularly high proportion who do not feel they have a trusted adult at school.
- 22% of Maynard students who do not have a trusted adult at school, also report not having a trusted adult outside of school.



## Aggregate Demographics and Behaviors Associated with not Having a Trusted Teacher or Adult at School (11% of the population)

### Demographics

- 18% of those who identify as transgender
- 21% of those who identify as Southeast Asian American
- 19% of those who identify as American Indian or Alaska native
- 19% of those who identify as Native Hawaiian or Pacific Islander

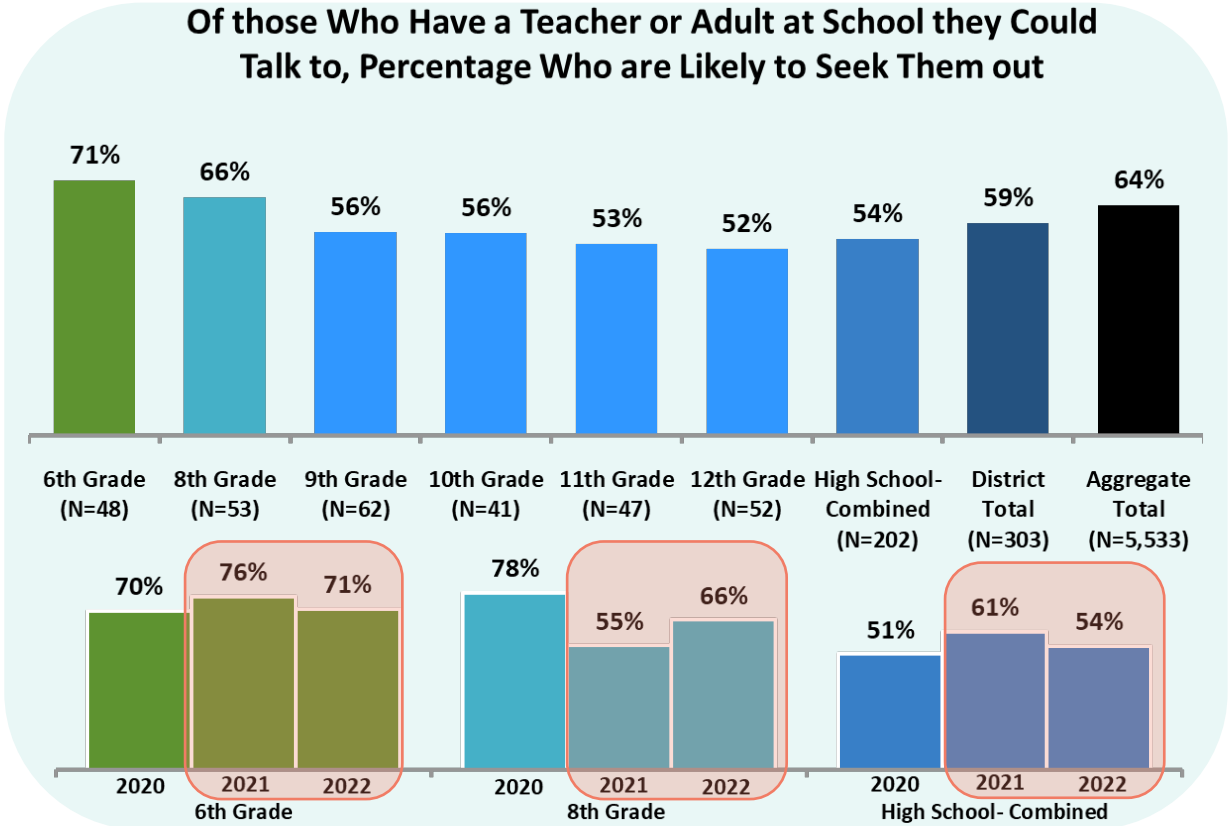
### Those who don't have a teacher or adult at school are also more likely to:

- Not have a trusted adult outside of school (24%)
- Have been bullied (18%) or cyberbullied (17%)
- Feel depressed (40%), self-harm (32%), consider suicide (23%)
- Be sexually harassed (25%)
- View pornography (35%)
- Send or receive sexual messages (18%)
- Be in the “low resilience” segment (26%)



# Seeking Out Adults at School

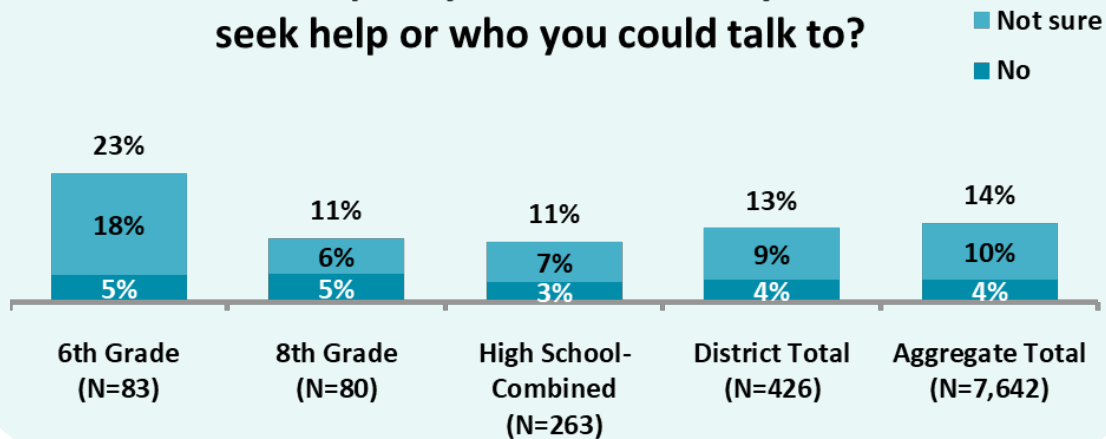
- However, having an adult at school doesn't mean students will utilize this resource.
  - Just under 3 in 5 (59%) of Maynard students who *have* a trusted adult at school say they are likely to seek them out.
  - Likelihood of seeking out an adult or teacher decreases with each consecutive grade level.
- Compared to 2021, high schoolers and 6<sup>th</sup> graders are less likely to seek out an adult, while 8<sup>th</sup> graders are more likely, marking a return to pre-pandemic levels.



# Resources for Help

- Overall, 87% of Maynard students feel they know where to seek help or have someone they could talk to if they had a serious issue.
- While only 4% of Maynard students report not having a place to go, an additional 9% are not sure if they have a place.
- Aggregate analyses show those with a non-traditional gender identity or who identify as Black or African American have a slightly greater rate of not having any resources to go to for help.
- Depression, self-harm, and suicide consideration are disproportionately high among this group.

**If you were having a serious problem and needed help do you know where you could seek help or who you could talk to?**



## Aggregate Demographics and Behaviors associated with not knowing where to go if having a serious problem (4% of the population)

### Demographics

- 9% of those who identify as non-binary
- 11% of those who identify as transgender
- 10% of those who identify as Black or African American
- 9% of those who identify as Southeast Asian American
- 9% of those who identify as American Indian or Alaska Native

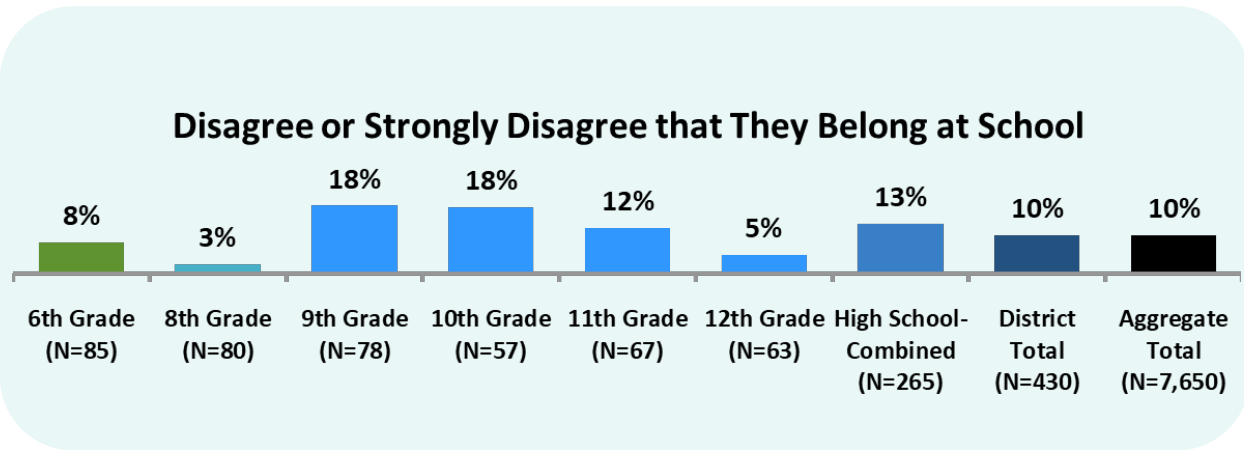
### Those who don't have a place or person to seek help from are also more likely to:

- Not have a trusted adult at school (51%)
- Not have a trusted adult outside of school (37%)
- Have been bullied (26%) or cyberbullied (26%)
- Bully (9%) or cyberbully others (9%)
- Feel depressed (58%), self-harm (44%), consider suicide (36%)
- Use e-cigarette products (11%) or marijuana (13%)
- View pornography (35%)
- Send or receive sexual messages (21%)
- Be in the "low resilience" segment (38%)



# Sense of Belonging at School

- While overall, 65% of Maynard students agree or strongly agree that they belong in school, the feeling of not belonging is especially high among those in the 9<sup>th</sup> and 10<sup>th</sup> grade.
- Aggregate analyses show a high percentage of students who identify as transgender or Native Hawaiian/Pacific Islander feel as if they don't belong at school.
- While feeling as if one does not belong at school is associated with many risk behaviors, depression, self-harm, and suicide consideration are especially high for these students.



## Aggregate Demographics and Behaviors associated with not feeling as if one belongs at school (10% of the population)

- Demographics**
- 23% of those who identify as non-binary
  - 32% of those who identify as transgender
  - 20% of those who identify as non-heterosexual
  - 31% of those who identify as Native Hawaiian or Pacific Islander
  - 25% of those who identify as Southeast Asian American

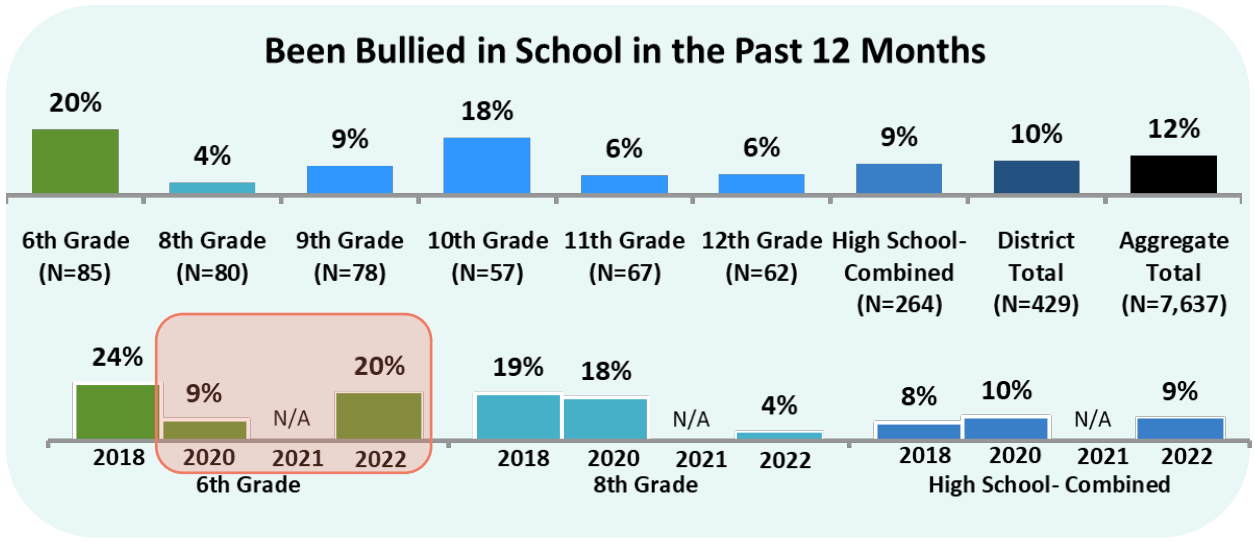
- Those who feel they don't belong at school are also more likely to:**
- Have been bullied (36%) or cyberbullied (27%)
  - Bully (10%) or cyberbully others (7%)
  - Feel depressed (58%), self-harm (45%), consider suicide (36%)
  - Drink alcohol (19%)
  - Use marijuana (17%)
  - Have sexual intercourse (19%)
  - View pornography (38%)
  - Send or receive sexual messages (26%)



# Bullying, Cyberbullying, and Sexual Harassment

# Being Bullied

- 6<sup>th</sup> and 10<sup>th</sup> graders report particularly high levels of bullying, with 6<sup>th</sup> graders experiencing a substantial increase compared to 2020.
- 43% of Maynard students who report being bullied also report being cyberbullied.
- Aggregate findings show that students who identify as non-binary, non-heterosexual, or transgender are at a particularly high risk of being bullied.
- Students being bullied are at a higher risk of feeling depressed, self-harming, and considering suicide, among other risk factors.



## Aggregate Demographics and Behaviors associated with being bullied (12% of the population)

- Demographics**
- 25% of those who identify as non-binary
  - 31% of those who identify as transgender
  - 18% of those who identify as non-heterosexual
  - 24% of those who identify as American Indian or Alaska Native

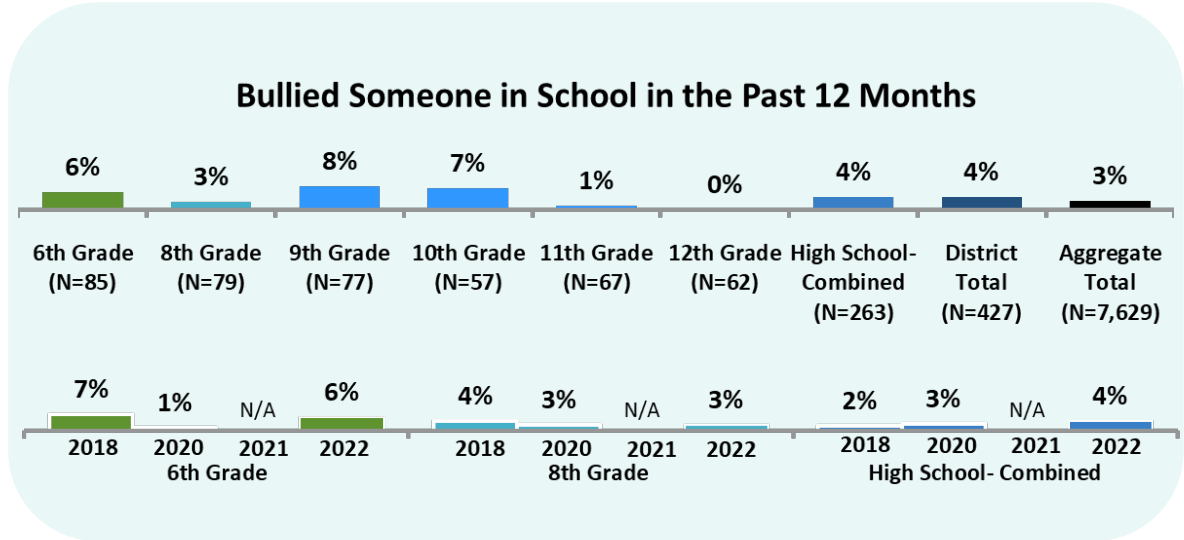
- Those who are bullied at school are also more likely to:**
- Be cyberbullied (45%)
  - Bully (21%) or cyberbully others (12%)
  - Be sexually harassed (44%)
  - Feel depressed (54%), self-harm (42%), consider suicide (32%)
  - Drink alcohol (18%)
  - Use e-cigarettes (13%) or marijuana (13%)
  - Have sexual intercourse (18%)
  - View pornography (35%)
  - Send or receive sexual messages (27%)





# Bullying Others at school

- 56% of Maynard students who report bullying others also report being bullied, indicating that bullying and being bullied are often linked.
- 41% of Maynard students who bully others, also report cyberbullying others.
- Analyses of the aggregate show that Native Hawaiian and Pacific Islander students show a much higher rate of bullying than other identities.
- Students who bully others are also at a much more likely to engage in several risk behaviors, including depression, self-harm, suicide consideration, sexual harassment, and sexual messaging.



## Aggregate Demographics and Behaviors associated with bullying others (3% of the population)

- Demographics**
- 7% of those who identify as non-binary
  - 9% of those who identify as transgender
  - 16% of those who identify as Native Hawaiian or Pacific Islander
  - 13% of those who identify as American Indian or Alaska Native

- Those who have bullied someone at school are also more likely to:**
- Have been bullied (74%) or cyberbullied (50%)
  - Cyberbully others (41%)
  - Be sexually harassed (50%)
  - Feel depressed (55%), self-harm (42%), consider suicide (32%)
  - Drink alcohol (33%)
  - Use e-cigarettes (25%) or marijuana (28%)
  - Have sexual intercourse (30%)
  - View pornography (55%)
  - Send or receive sexual messages (44%)

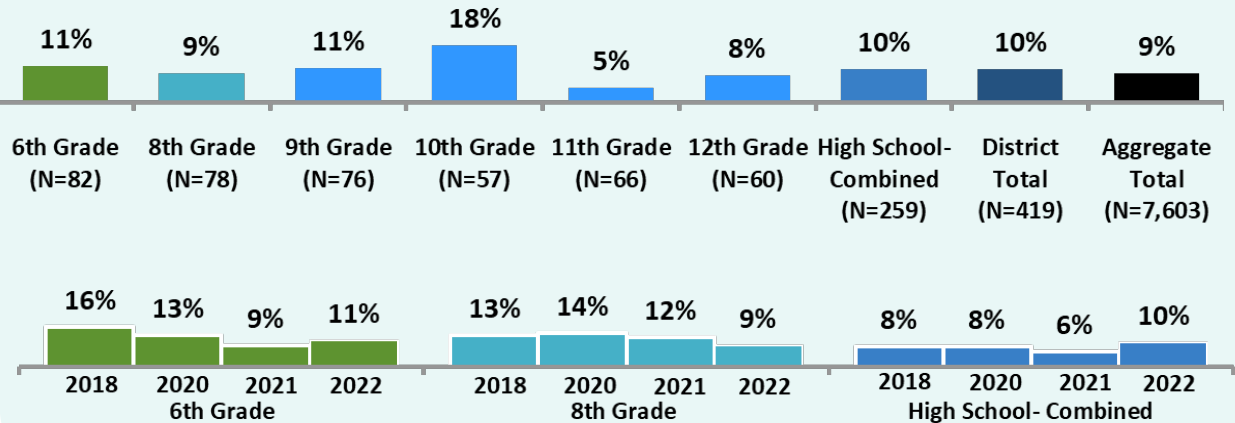




# Cyberbullying

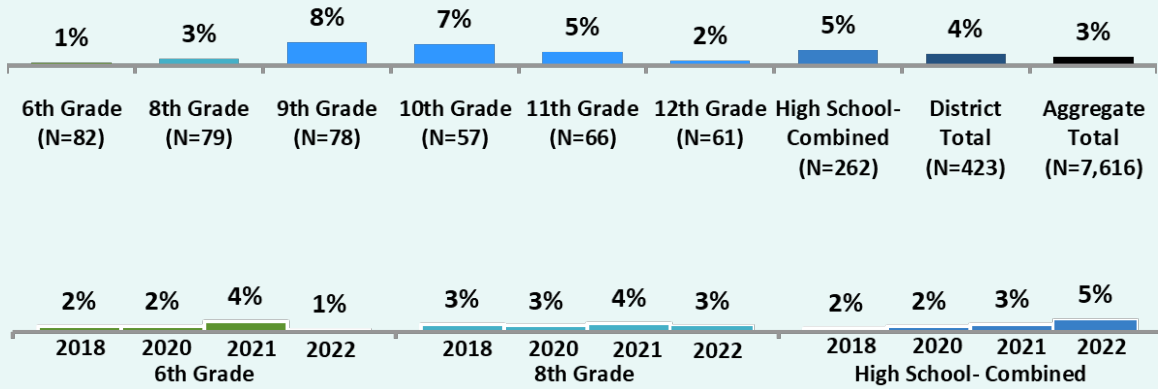
- Rates of cyberbullying are also highest among those in the 10<sup>th</sup> grade.
- 43% of Maynard students who report being cyberbullied, also indicate that they are bullied at school.
- While rates of cyberbullying are fairly stable, those in the 10<sup>th</sup> grade experience particularly high rates.

Been Bullied Electronically in the Past 12 Months



- Very few students admit to cyberbullying others and these rates have remained stable over time.
- Many of those who cyberbully also bully others at school (41%).
- Half (50%) of Maynard students who cyberbully also have social media accounts their parents don't know about.

Bullied Others Electronically in the Past 12 Months

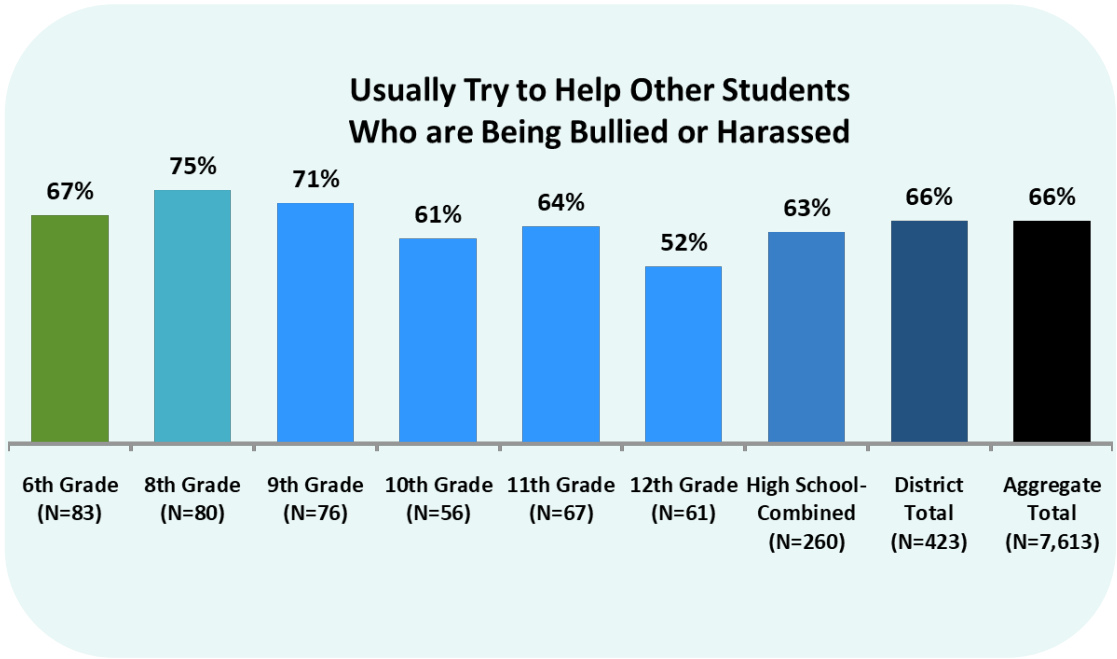
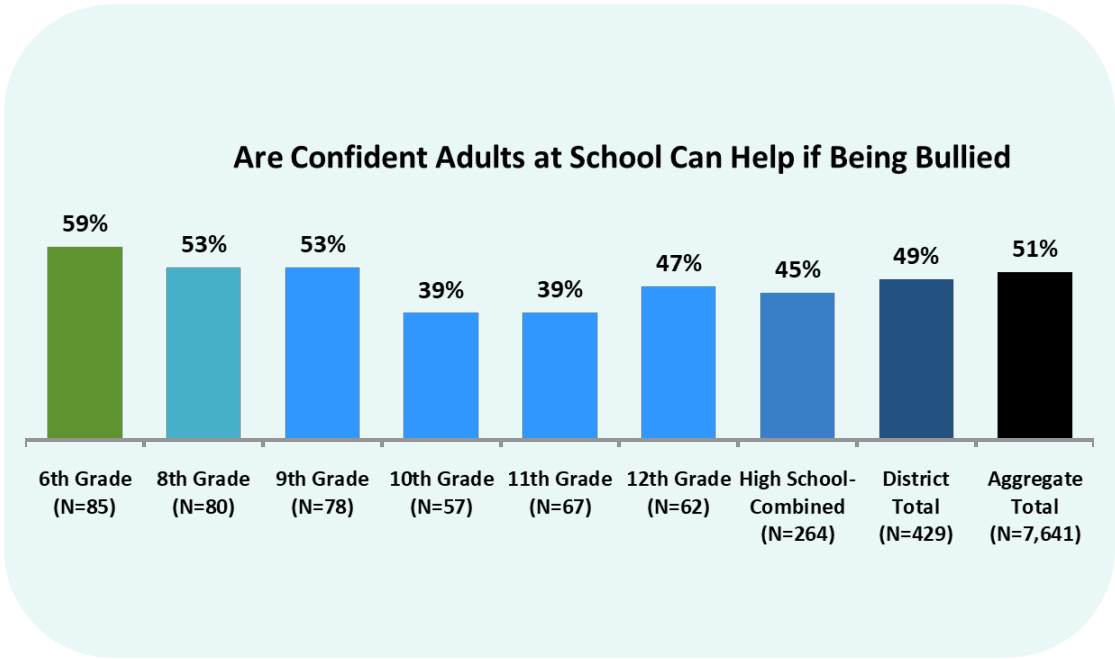


Q45	During the past 12 months have you been repeatedly threatened humiliated or experienced hostile behaviors (bullied) from others electronically?	2018	2020	2021	2022
Q46	During the past 12 months have YOU repeatedly threatened humiliated or harassed (bullied) someone electronically?	2018	2020	2021	2022

# Coping with Bullying

- Confidence in adults and teachers shows lower levels in students after 9<sup>th</sup> grade.
  - This is particularly concerning because 10<sup>th</sup> graders indicate the highest levels of bullying.

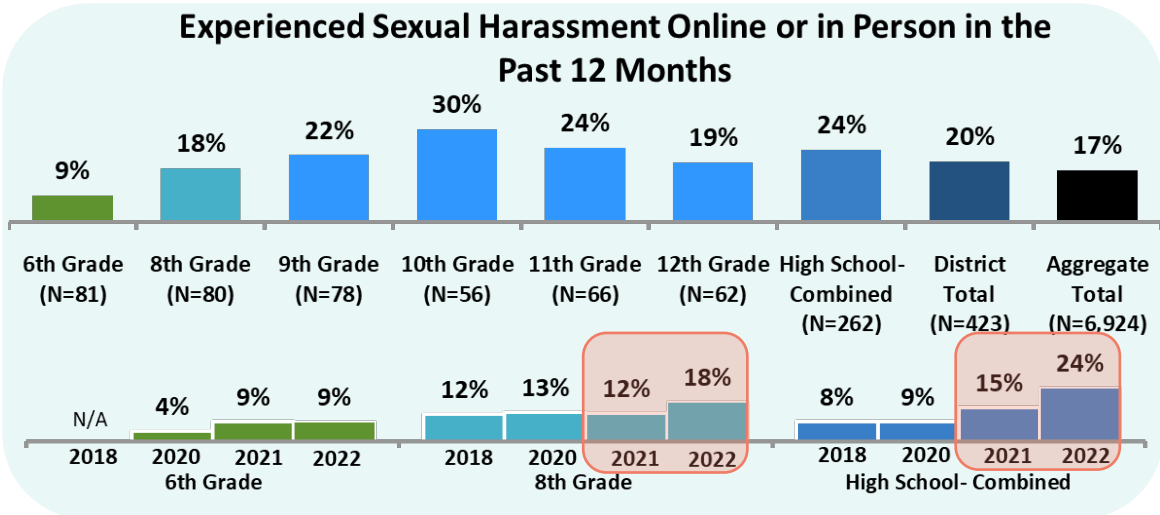
- Those in the 8<sup>th</sup> and 9<sup>th</sup> grade show the highest willingness to help others who are being bullied.



Q35	If I am being bullied or harassed I am confident adults at school can help me.				2022
Q36	I usually try to help other students who are being bullied or harassed.				2022

# Sexual harassment

- Rates of sexual harassment reach their peak in the 10<sup>th</sup> grade, with nearly a third (30%) of 10<sup>th</sup> graders indicating they have been sexually harassed.
- The most common form of sexual harassment for Maynard students is in-person (9%), while 5% experienced sexual harassment online, and 6% in both contexts.
- Sexual harassment has increased among 8<sup>th</sup> graders and high schoolers compared to previous years.
- Aggregate analyses show that students who identify as non-binary, transgender, or non-heterosexual are much more likely to experience sexual harassment.
- Sexually harassed students also show a greater likelihood of a variety of other risk behaviors, with especially high depression rates.



\* Note: Response options changed in 2021, to include sexual harassment online.

## Aggregate Demographics and Behaviors Associated with Being Sexually Harassed (17% of the population)

### Demographics

- 40% of those who identify as non-binary students
- 25% of those who identify as female
- 39% of those who identify as transgender
- 38% of those who identify as non-heterosexual
- 25% of those who identify as Southeast Asian, Middle Eastern, or Native Hawaiian
- 25% of those who identify as Hispanic or Latinx Students

### Those who are sexually harassed are also more likely to:

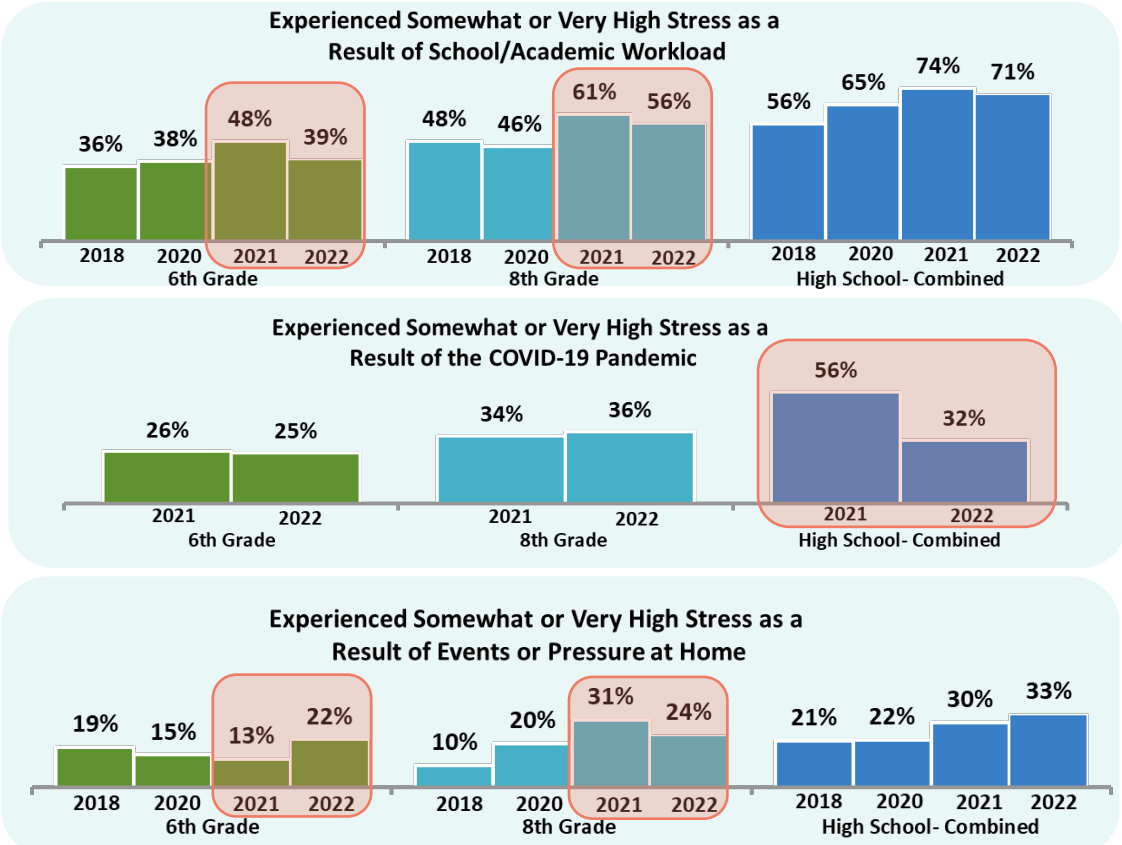
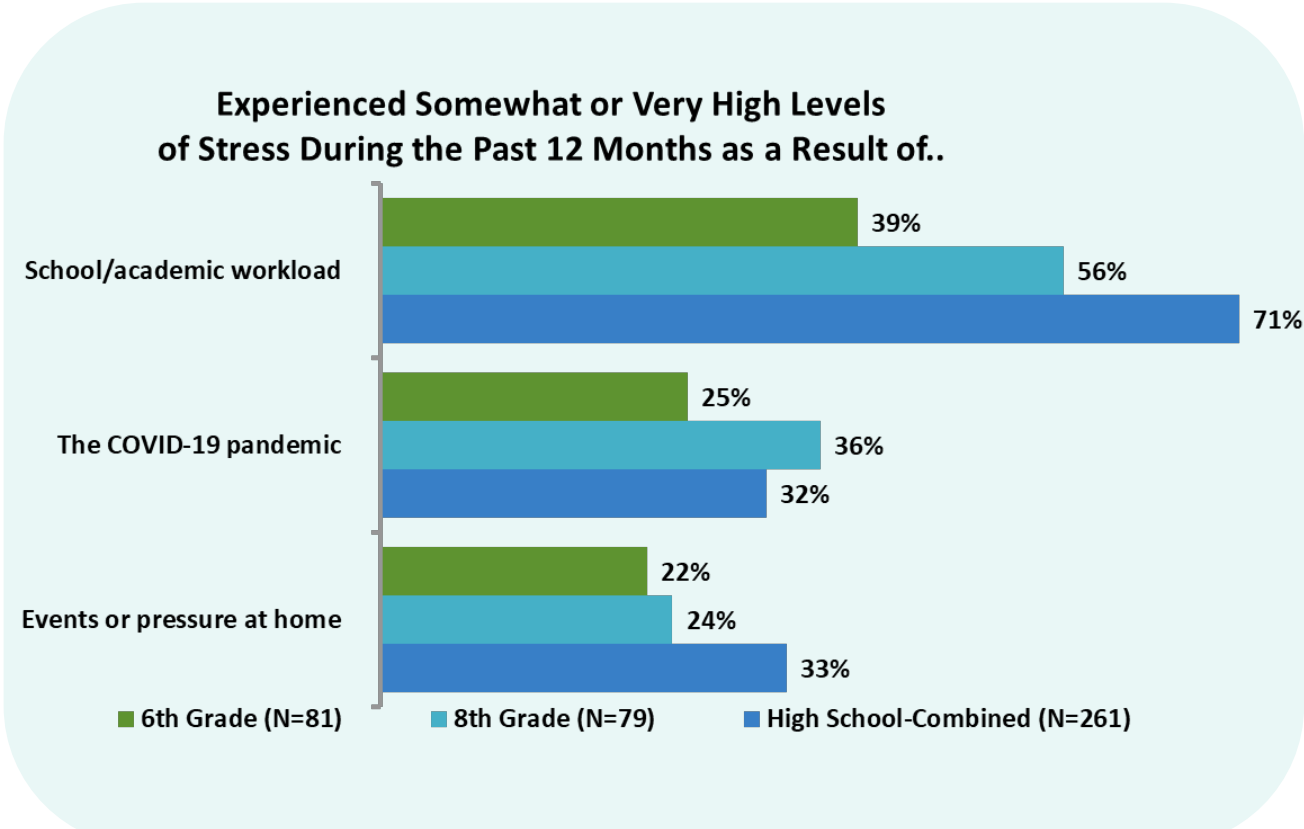
- Be bullied (28%) cyberbullied (28%)
- Bully (10%) or cyberbully others (8%)
- Feel depressed (59%), self-harm (48%), consider suicide (32%)
- Drink alcohol (25%)
- Use e-cigarettes (16%) or marijuana (18%)
- Have sexual intercourse (21%)
- View pornography (39%)
- Send or receive sexual messages (36%)
- Engage in unhealthy dieting (29%)
- Be in the “low resilience” segment (39%)



# Stress, Depression, and Suicide

# Sources of Stress

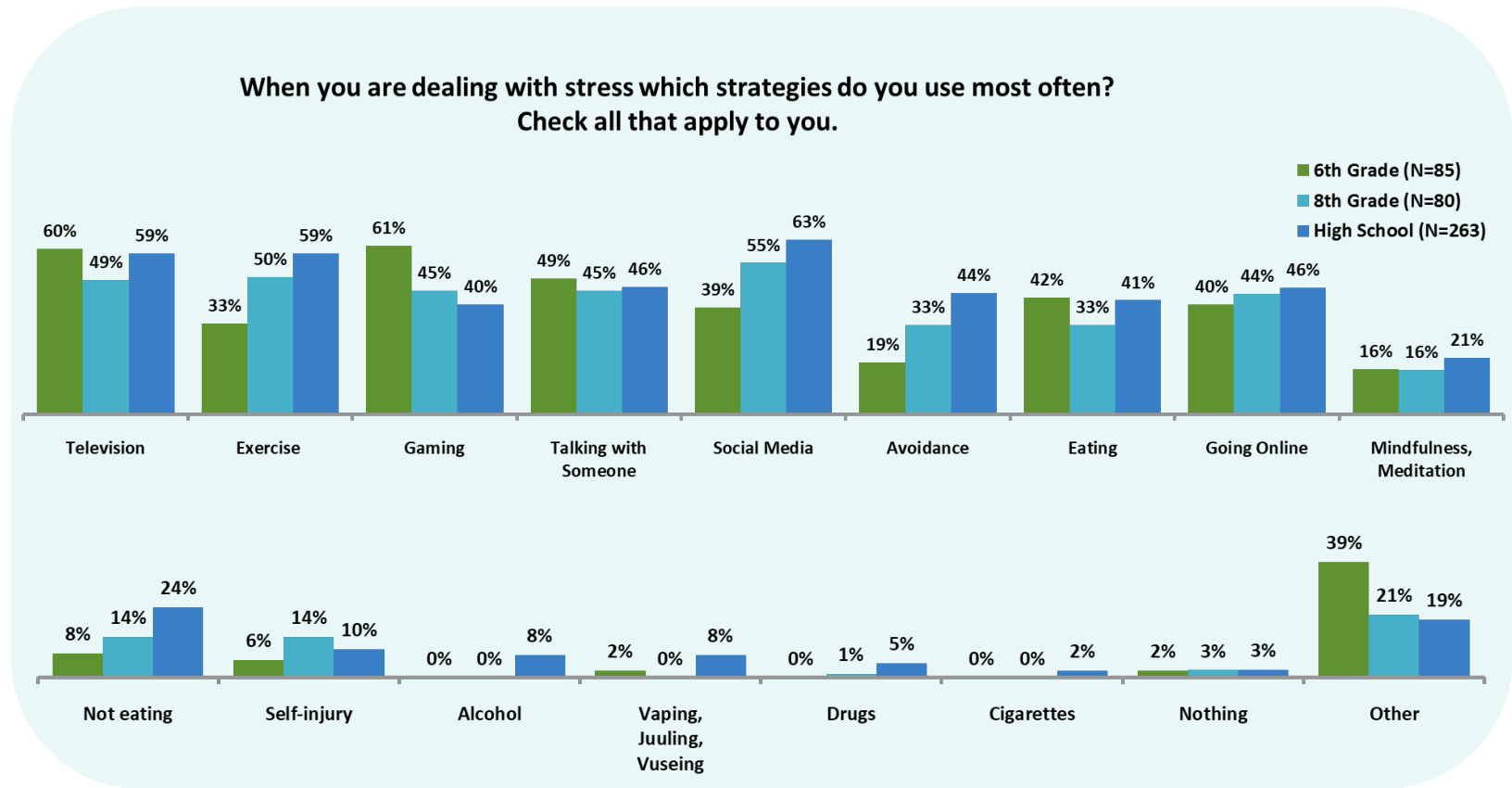
- School/academic workload remains the largest source of stress among students.
- Stress from academic coursework has decreased for all grade levels compared to 2021 and is exhibiting a return to the pre-pandemic levels.
- Stress related to COVID-19 has decreased dramatically for high schoolers since 2021, indicating the pandemic is not taking as much of a toll on these students.
- While stress from home has decreased for those in the 8<sup>th</sup> grade, 6<sup>th</sup> graders show an increase in stress from home compared to previous years.



Q53, Q55	During the past 12 months what level of stress have you experienced as a result of... your school/academic workload? ...events or pressure at home?	2018	2020	2021	2022	Market Street Research   Page 29
Q54	During the past 12 months what level of stress have you experienced as a result of the COVID-19 (coronavirus) pandemic?			2021	2022	

# Coping Mechanisms

- Overall, 15% of Maynard students report dealing with stress through drugs, alcohol, vaping, cigarettes, or self-harm.
- Additionally, just over half of students (51%) cope with stress through either eating or avoiding food.



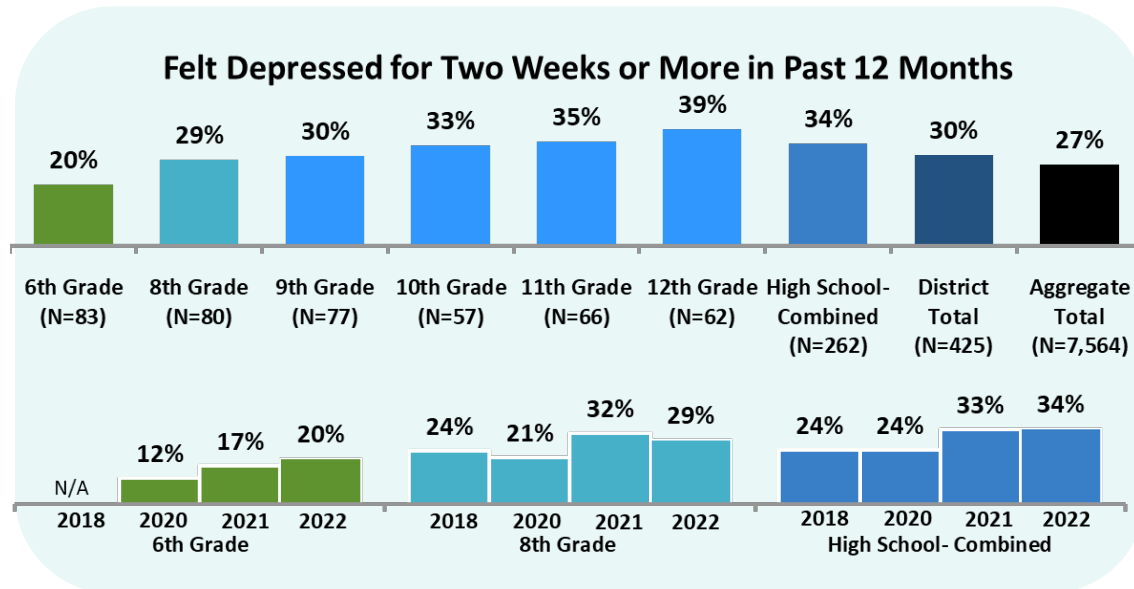
\* Note: Question changed in 2022, to include more coping behaviors.

- For high schoolers, the 3 most common ways to cope with stress are:
  - Social media
  - Exercise
  - Television
- For 8<sup>th</sup> graders, the 3 most common ways to cope with stress are:
  - Social media
  - Exercise
  - Television
- For 6<sup>th</sup> graders, the 3 most common ways to cope with stress are:
  - Gaming
  - Television
  - Talking with someone



# Depression

- Incidence of depression increases with each grade level, with nearly 2 in 5 (39%) of 12<sup>th</sup> graders reporting such feelings.
- However, rates of depression are stable compared to previous years.
- Aggregate analyses show that over half of all students who express a non-traditional gender identity or sexuality report feeling depressed over the past 12 months.
- Students who are depressed are at risk for a variety of risk behaviors, especially self-harm and suicide consideration.



## Aggregate Demographics and Behaviors Associated with Being Depressed (27% of the population)

### Demographics

- 60% of those who identify as non-binary
- 61% of those who identify as transgender
- 52% of those who identify as non-heterosexual
- 31% of those who identify as female
- 40% of those who identify as Native Hawaiian or Pacific Islander
- 40% of Hispanic or Latinx students

### Those who are Depressed are also more likely to:

- Be bullied (24%) or cyberbullied (22%)
- Be sexually harassed (38%)
- Self-harm (47%) or consider suicide (38%)
- Drink alcohol (18%)
- Use e-cigarettes (12%) or marijuana (14%)
- Have sexual intercourse (16%)
- View pornography (37%)
- Send or receive sexual messages (24%)
- Engage in unhealthy dieting (24%)
- Be in the “low resilience” segment (42%)



Q73

*During the past 12 months did you ever feel so sad or hopeless almost every day for two weeks or more in a row that you stopped doing some usual activities?*

2018

2020

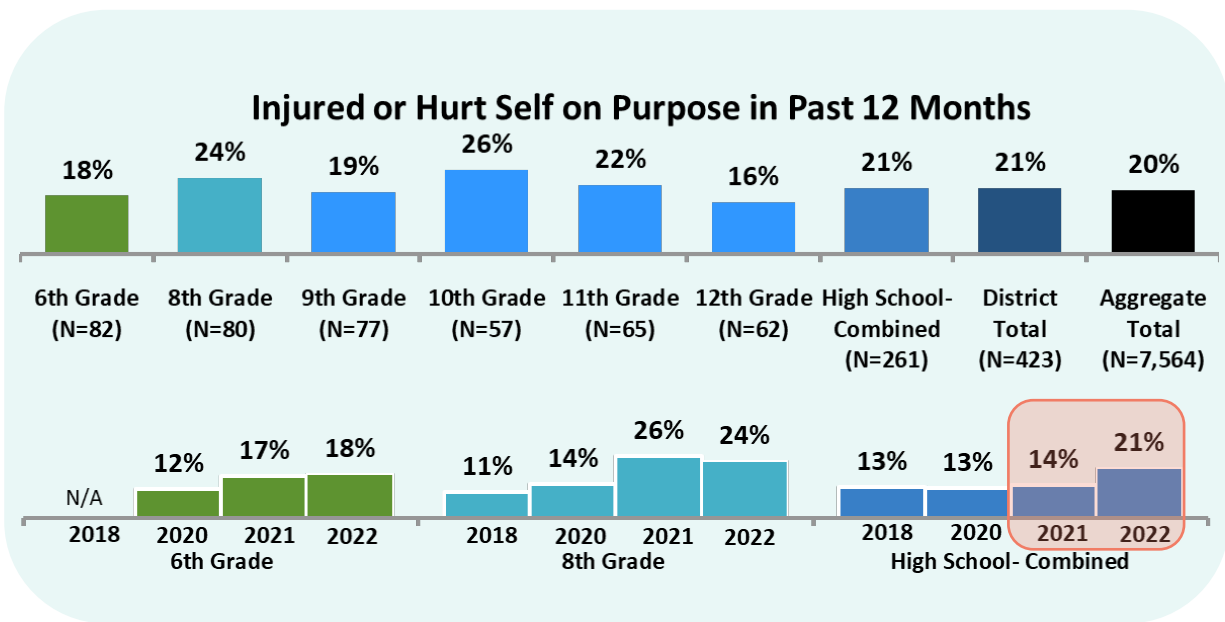
2021

2022

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# Self-harm

- Those in the 10<sup>th</sup> and 8<sup>th</sup> grade are most likely to engage in self-harm.
- Rates of self-harm show an increase compared to previous years for Maynard High school students.
- Aggregate analyses show that students with a non-traditional gender or sexual orientation have especially high rates of self-harm.
- Those who self-harm also display high rates of depression, suicide consideration, and sexual harassment.



## Aggregate Demographics and Behaviors Associated with Self-Harm (20% of the population)

### Demographics

- 54% of non-binary students
- 56% of transgender students
- 44% of non-heterosexual students
- 38% of Native Hawaiian or Pacific Islander students
- 28% of American Indian or Alaska Native students
- 27% of Southeast Asian students

### Those who self-harm are also more likely to:

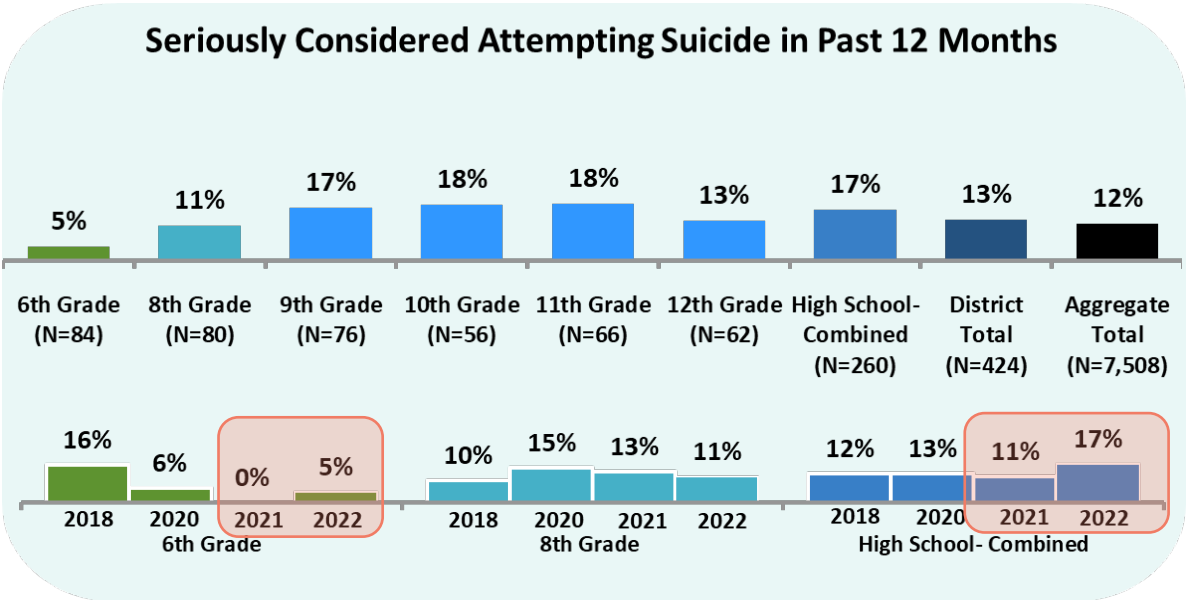
- Be bullied (25%) or cyberbullied (23%)
- Be sexually harassed (41%)
- Be depressed (63%) or consider suicide (42%)
- Drink alcohol (17%)
- Use e-cigarettes (11%) or marijuana (14%)
- Have sexual intercourse (15%)
- View pornography (39%)
- Send or receive sexual messages (26%)
- Engage in unhealthy dieting (27%)
- Be in the “low resilience” segment (41%)





# Suicide Consideration

- Rates of suicide consideration show large increases between 6<sup>th</sup> and 8<sup>th</sup> grade and between 8<sup>th</sup> and 9<sup>th</sup> grade.
- Suicide consideration shows an increase compared to 2021 for 6<sup>th</sup> graders and high schoolers but is on par with pre-pandemic rates.
- Analyses of the aggregate show that those who do not identify with a traditional gender or sexuality are nearly 3x as likely to consider suicide than the student population.
- 80% of Maynard students who considered suicide, indicated that they had been depressed in the past 12 months.



\*Note, for 6<sup>th</sup> graders in 2021, N=23.

## Aggregate Demographics and Behaviors Associated with Suicide Consideration (12% of the population)

### Demographics

- 36% of non-binary students
- 39% of transgender students
- 31% of non-heterosexual students
- 20% of Black or African American Students

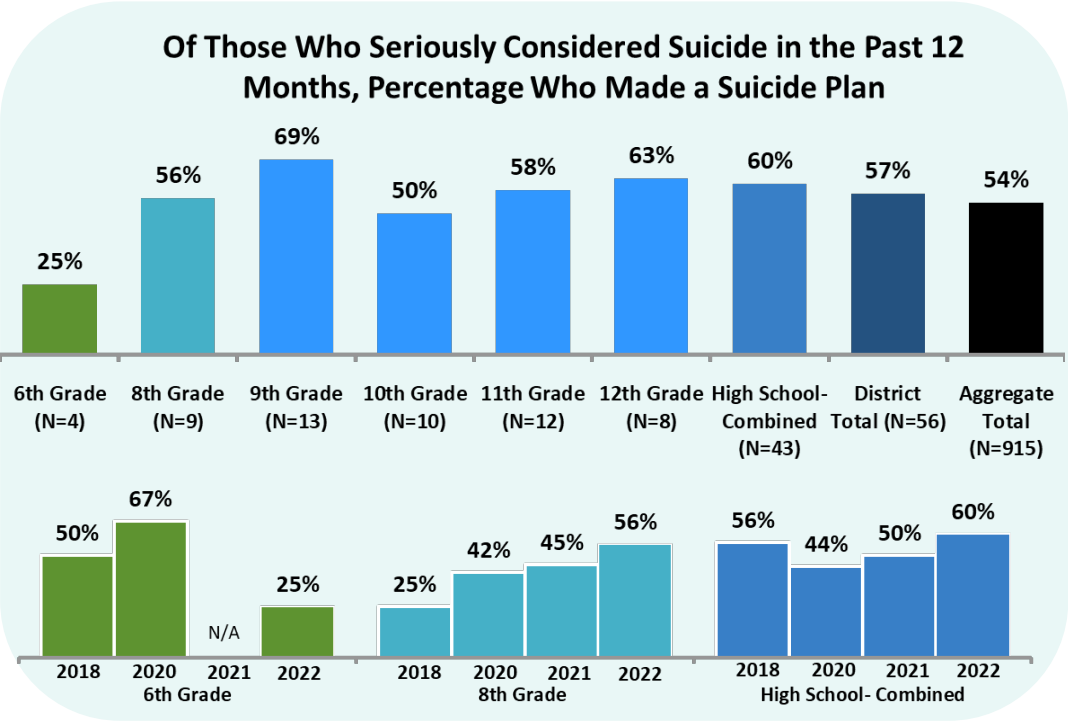
### Those who consider suicide are also more likely to:

- Be bullied (30%) or cyberbullied (29%)
- Cyberbully others (9%)
- Be sexually harassed (45%)
- Be depressed (82%) or self-harm (68%)
- Drink alcohol (22%)
- Use e-cigarettes (16%) or marijuana (18%)
- Have sexual intercourse (20%)
- View pornography (46%)
- Send or receive sexual messages (30%)
- Engage in unhealthy dieting (33%)
- Be in the “low resilience” segment (49%)

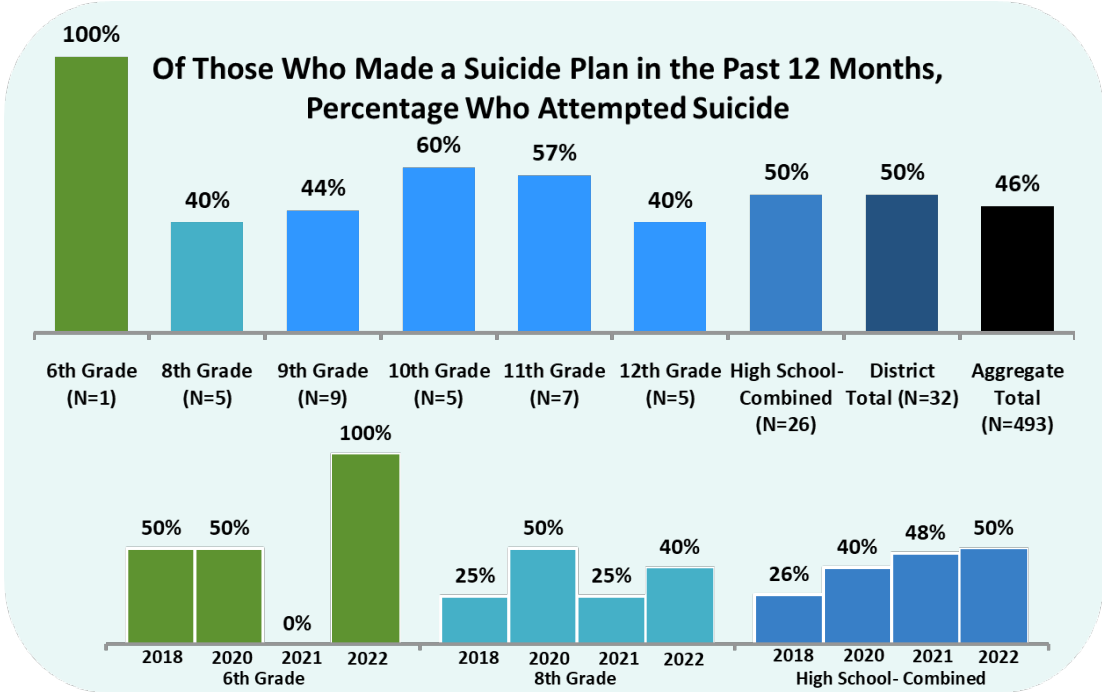


# Suicide Planning and Attempts

- 57% of Maynard students who seriously considered suicide made a suicide plan in the past year.
- Although numbers are small, it appears 6<sup>th</sup> graders are showing a decrease in going a step further by making a suicide plan, while those in the 8<sup>th</sup> grade and high school are exhibiting an increase.



- Of those who made a suicide plan, half (50%) went through with an attempt.
- Additionally, 22% of Maynard students who made a suicide plan attempted suicide more than once.
- Although numbers are small, the proportion who attempt suicide appears to be growing.



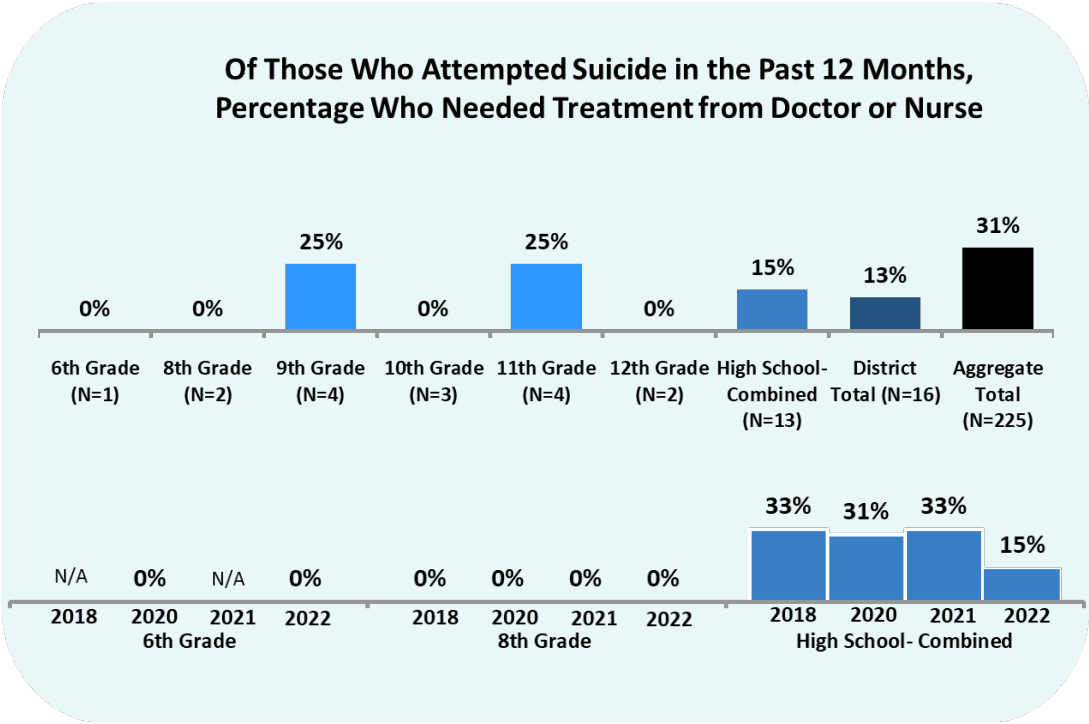
\*Note, Ns are small and may not represent trends over time.



Q75	During the past 12 months did you make a plan about how you would attempt suicide?	2018	2020	2021	2022
Q76	During the past 12 months how many times did you actually attempt suicide?	2018	2020	2021	2022

# Suicide Injury

- Of those who made a suicide attempt, just over 1 in 10 (13%) needed medical treatment.
- Although numbers are small, injurious attempts decreased compared to previous years.



\*Note, Ns are small and may not represent trends over time.

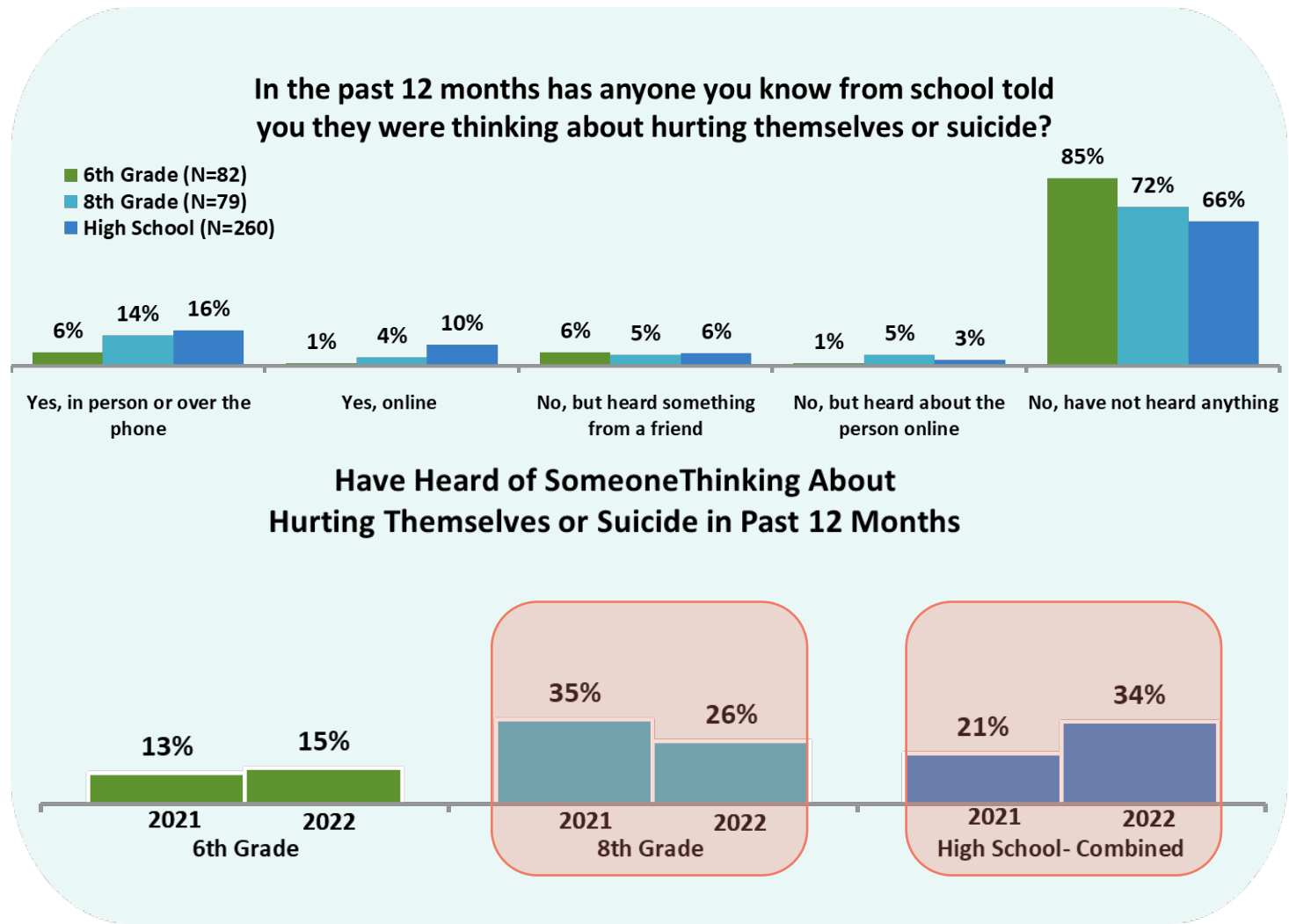


Q77

If you attempted suicide during the past 12 months did any attempt result in an injury poisoning or overdose that had to be treated by a doctor or nurse?

2018	2020	2021	2022
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# Hearing about Suicide



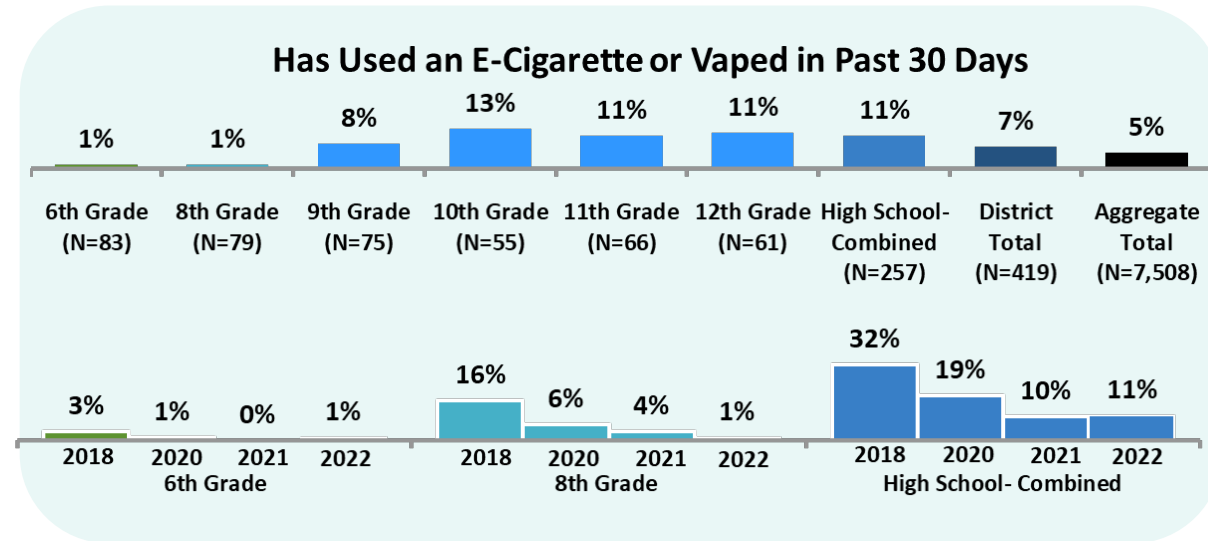
- Overall, 21% of Maynard students report someone they know telling them they were thinking about hurting themselves or suicide.
- The most common way students hear about suicide contemplation is through in-person conversation or over the phone.
- The proportion of students hearing about suicide or self-harm directly, from friends, or online has decreased among 8<sup>th</sup> graders but increased among high school students.



# Drugs, Alcohol, and Sex

# E-Cigarette Usage

- E-cigarette and vaping is most common among those in high school.
- Although rates among 8<sup>th</sup> graders and high schoolers are stable compared to 2021, rates are substantially lower than 2018.
- Aggregate analyses show that students who identify as Native Hawaiian or Pacific Islander are nearly 3x as likely to use e-cigarettes or vaping products.
- Those who use e-cigarettes have a high likelihood of also using marijuana and alcohol, along with a higher propensity for a variety of risk behaviors including depression, pornography, sexual intercourse, and sexual messaging.
- Furthermore, 3% of Maynard students have used an e-cigarette at least 10 days in the month of the survey.



## Aggregate Demographics and Behaviors Associated with E-Cigarette Use (5% of the population)

### Demographics

- 15% of those who identify as Native Hawaiian or Pacific Islander

### Those who use E-cigarettes or vape are also more likely to:

- Be bullied (30%) or cyberbullied (30%)
- Bully (15%) or cyberbully others (15%)
- Be sexually harassed (51%)
- Be depressed (58%), self-harm (41%), or consider suicide (36%)
- Drink alcohol (75%)
- Use marijuana (71%)
- Have sexual intercourse (54%)
- View pornography (68%)
- Send or receive sexual messages (54%)
- Engage in unhealthy dieting (33%)
- Be in the “low resilience” segment (36%)



Q81

During the past 30 days on how many days did you use an electronic cigarette (e-cigarette) also called vaping juuling or vusing?

2018

2020

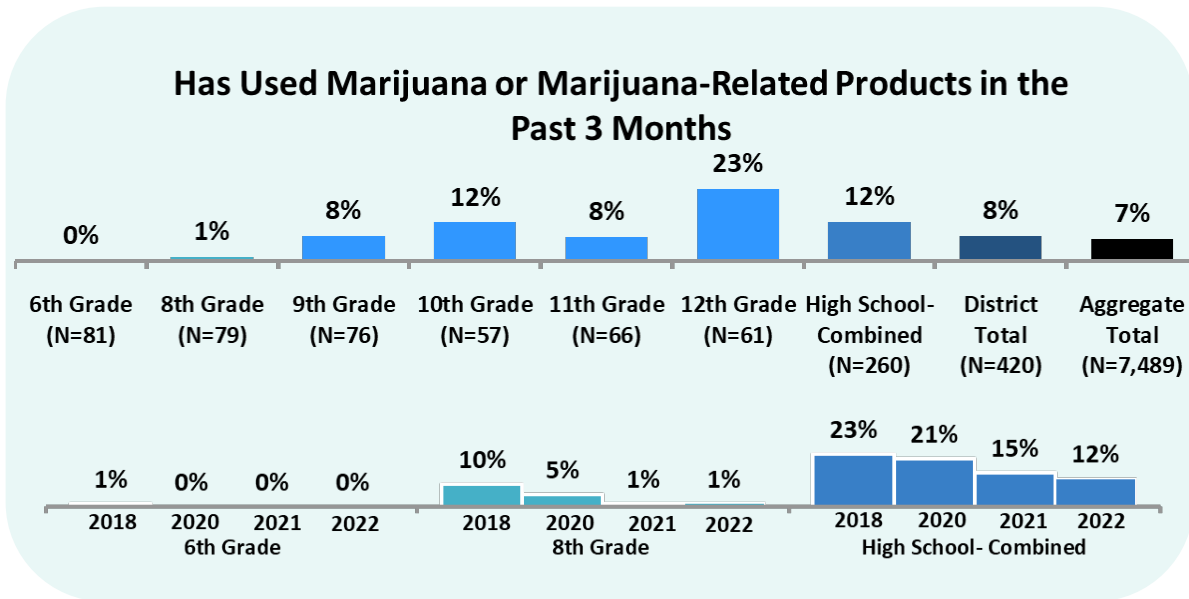
2021

2022

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# Marijuana Usage

- Marijuana use is at its highest in the 12<sup>th</sup> grade, wherein nearly a quarter of students (23%) report using marijuana in the past 30 days.
- However, rates of marijuana usage appear stable compared to 2021, and are much lower among high school students compared to 2018.
- Analyses from the aggregate show that Native Hawaiian and Pacific Islander students show an increased likelihood of using marijuana products.
- Students who use marijuana are especially likely to use other substances and have an increased rate of a variety of risky behaviors.



## Aggregate Demographics and Behaviors Associated with Marijuana Use (7% of the population)

### Demographics

- 16% of Native Hawaiian or Pacific Islander students

### Those who use marijuana are also more likely to:

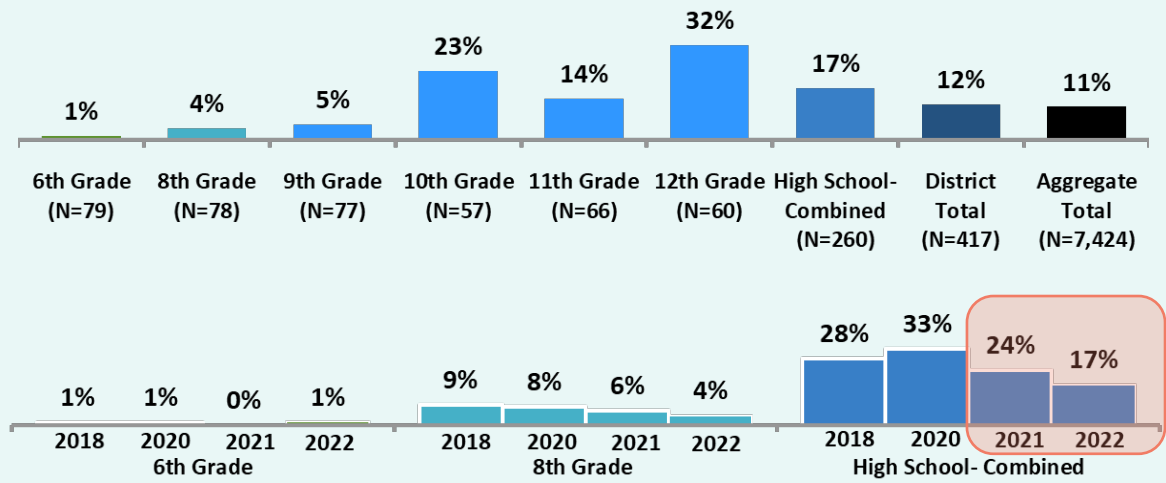
- Be bullied (24%) or cyberbullied (24%)
- Bully (14%) or cyberbully others (14%)
- Be sexually harassed (47%)
- Be depressed (56%), self-harm (40%), or consider suicide (34%)
- Drink alcohol (73%)
- Use e-cigarettes (58%)
- Have sexual intercourse (51%)
- View pornography (70%)
- Send or receive sexual messages (50%)
- Engage in unhealthy dieting (32%)
- Be in the “low resilience” segment (33%)



# Alcohol consumption

- Alcohol consumption is also at its highest among 12<sup>th</sup> graders with nearly a third (32%) of Maynard students reporting drinking alcohol in the past 30 days.
- However, rates of alcohol consumption have decreased compared to previous years for high schoolers.
- Along with other risk factors, those who drink alcohol are especially likely to use other substances such as e-cigarettes and marijuana.
- For high schoolers, alcohol consumption appears to be steadily declining over time.

Drank Alcohol in the Past 30 Days



## Aggregate Demographics and Behaviors Associated with Recent Alcohol Use (11% of the population)

### Demographics

- 20% of Native Hawaiian or Pacific Islander students
- 16% of Middle Eastern Americans

### Those who recently drank alcohol are also more likely to:

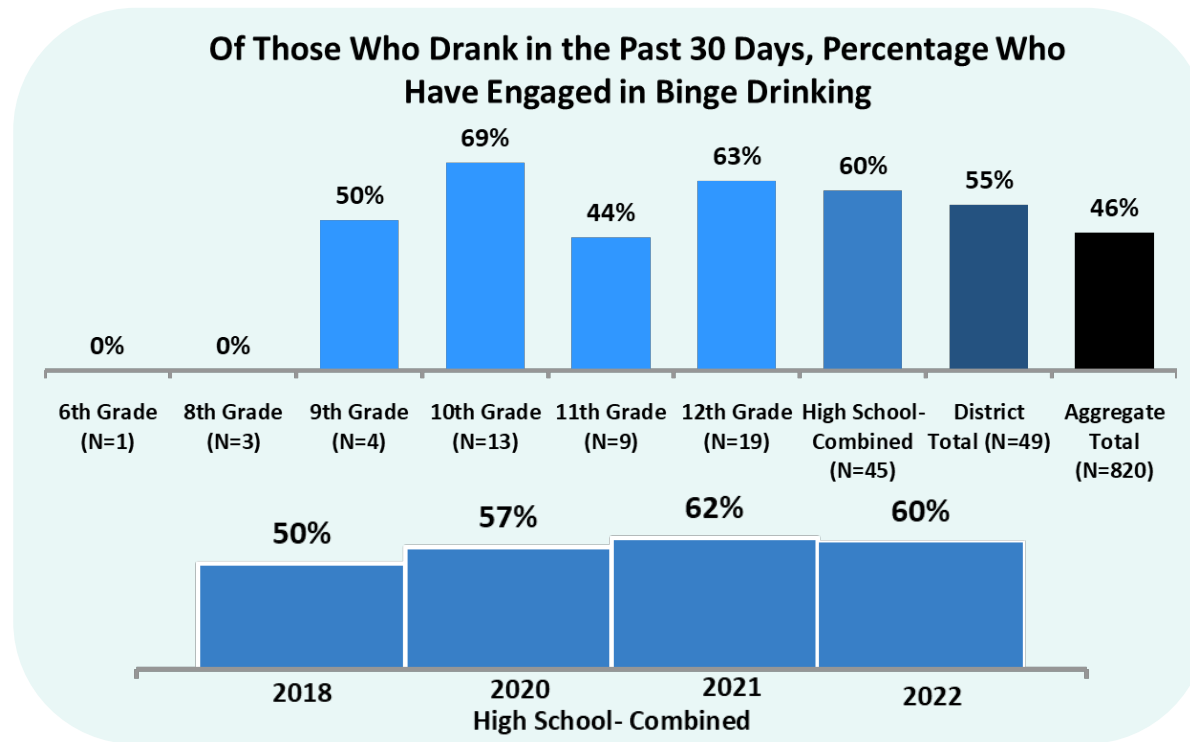
- Be bullied (20%) or cyberbullied (19%)
- Be sexually harassed (39%)
- Be depressed (42%), self-harm (31%), or consider suicide (24%)
- Use e-cigarettes (37%) or marijuana (44%)
- Have sexual intercourse (39%)
- View pornography (59%)
- Send or receive sexual messages (39%)
- Engage in unhealthy dieting (27%)
- Be in the “low resilience” segment (26%)





# Binge Drinking

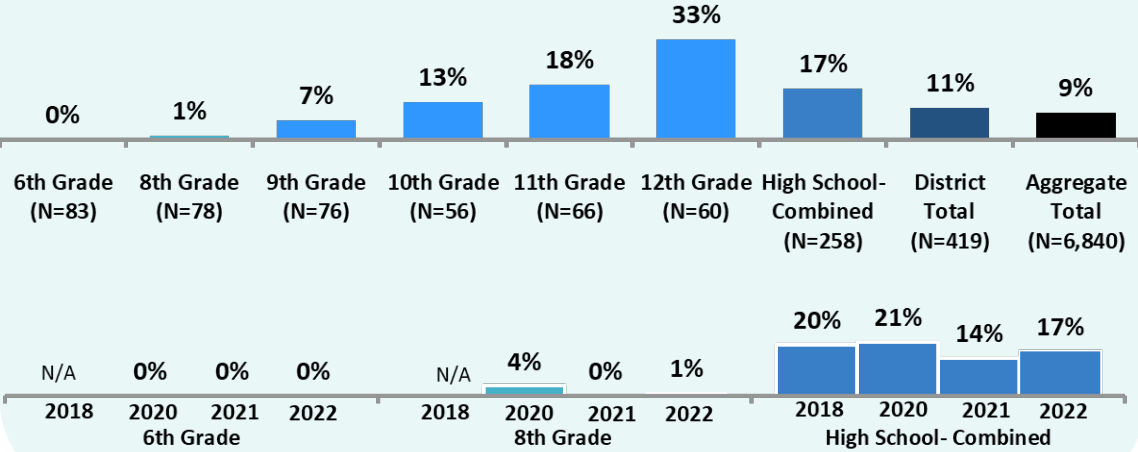
- Over half of those who drank in the past 30 days also report binge drinking during that time.
- Rates of binge drinking are stable with previous years.



# Sexual Intercourse

- Rates of sexual intercourse increase with grade level, with 1 in 3 Maynard 12<sup>th</sup> graders reporting having sex in the past 3 months.
- Aggregate analyses show that Native Hawaiian and Pacific Islander students are especially likely to have sexual intercourse.
- Those who have had sexual intercourse in the past 3 months are also more likely to engage in other sexual risk behaviors such as sexual messaging, sexual harassment, and pornography.

Has Had Sexual Intercourse in Past 3 Months



## Aggregate Demographics and Behaviors Associated with Recent Sexual Intercourse (9% of the population)

### Demographics

- 17% of those who identify as transgender
- 20% of those who identify as Native Hawaiian or Pacific Islander
- 17% of those who identify as Hispanic or Latinx

### Those who recently had sexual intercourse are also more likely to:

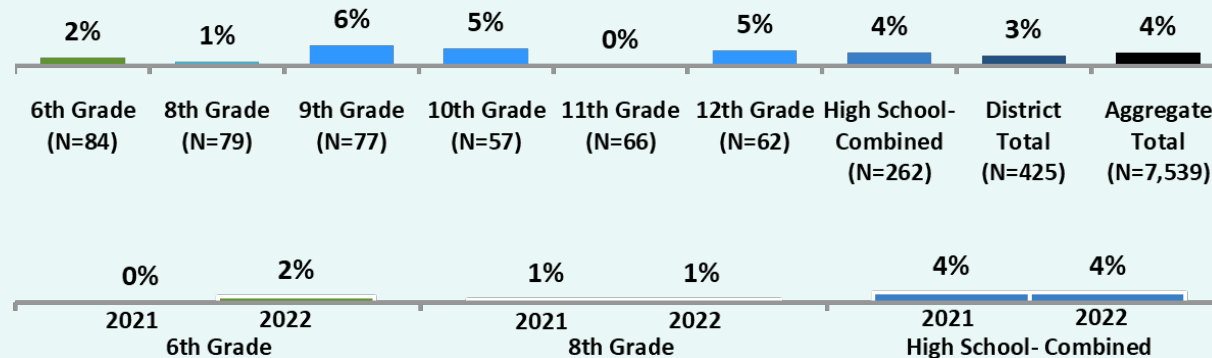
- Be bullied (23%) or cyberbullied (22%)
- Bully (12%)
- Be sexually harassed (42%)
- Be depressed (48%), self-harm (33%), or consider suicide (28%)
- Recently drink alcohol (50%)
- Use e-cigarettes (34%) or marijuana (38%)
- Have sexual intercourse (39%)
- View pornography (58%)
- Send or receive sexual messages (50%)
- Engage in unhealthy dieting (25%)
- Be in the “low resilience” segment (30%)



# Parties with Illegal Substances

- The proportion of students who have attended online parties where teens used alcohol, marijuana or other drugs remains low and stable compared to 2021.
- Maynard students most likely to attend such parties are students who:
  - Bullied others: 33%
  - Cyberbullied others: 24%
  - Recently used marijuana: 21%

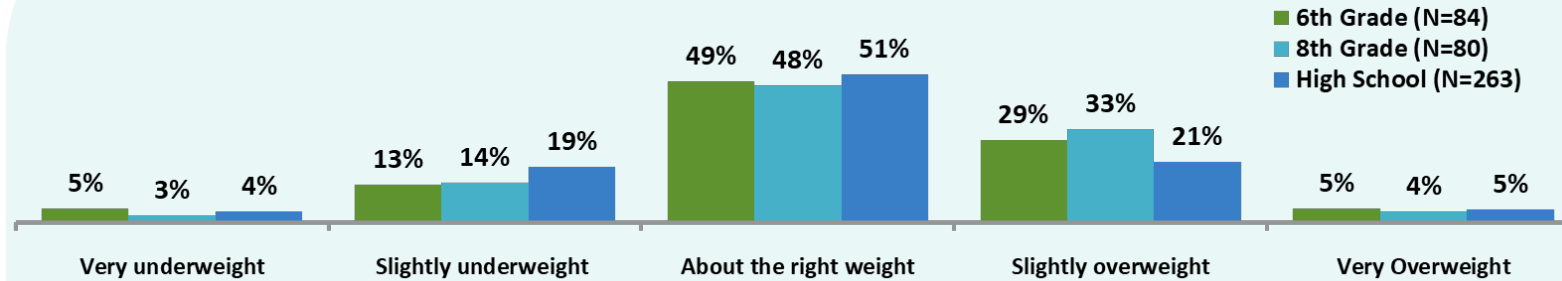
**Attended Online Parties where Teens Used Alcohol, Marijuana, or Other Drugs in the past 12 Months**



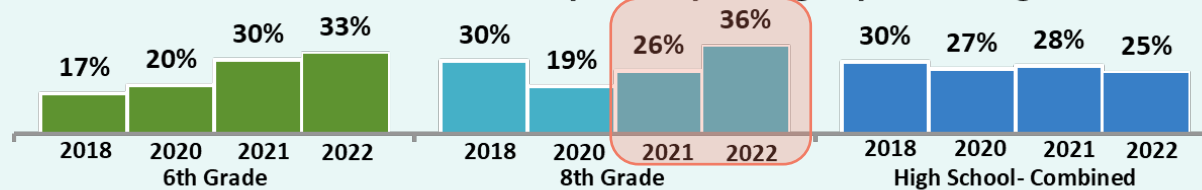
# Body Image and Dieting

# Body Image

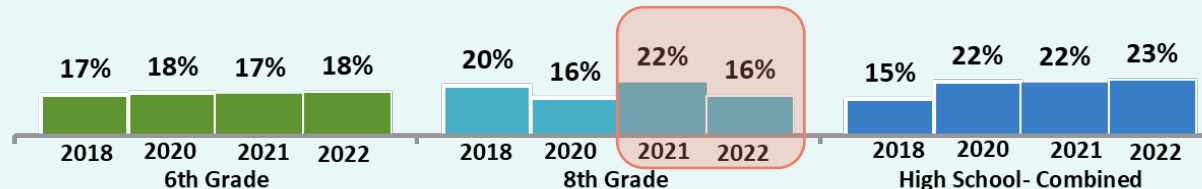
How would you describe your weight?



Percent who Identify as Very or Slightly Overweight



Percent who Identify as Very or Slightly Underweight

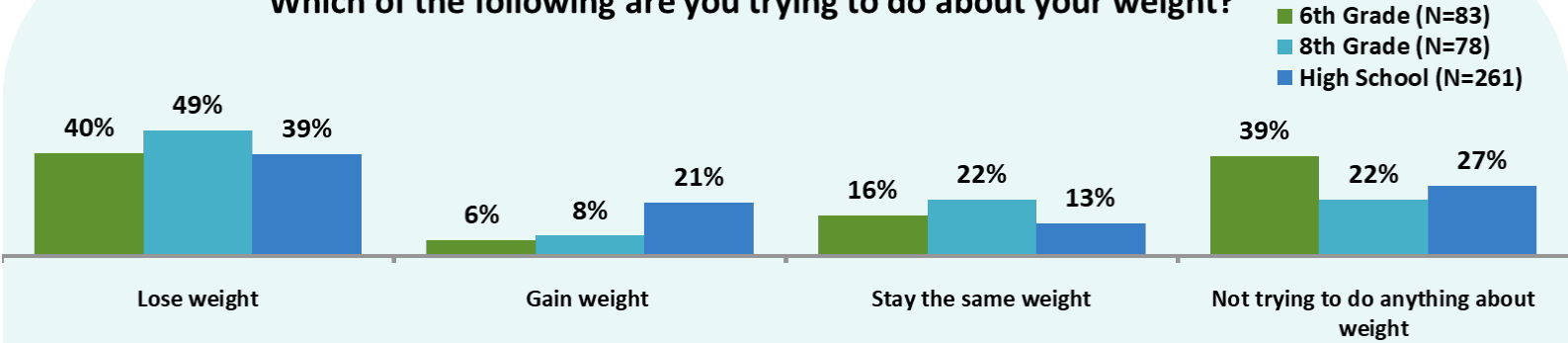


- Overall, half (50%) of students feel they are the right weight.
- Compared to 2021, more Maynard 8<sup>th</sup> graders identify as overweight and fewer identify as underweight.

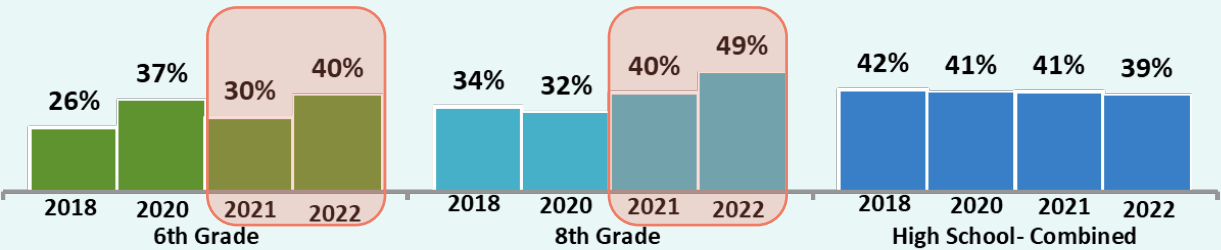


# Weight Goals

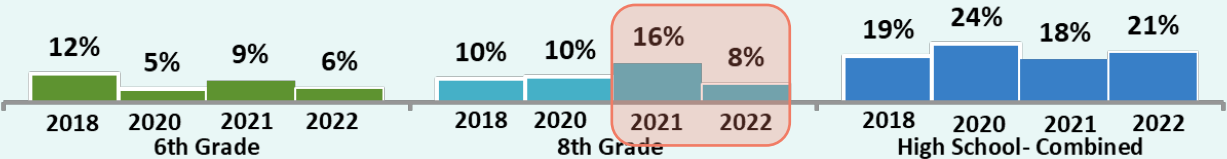
Which of the following are you trying to do about your weight?



Percent Trying to Lose Weight



Percent Trying to Gain Weight



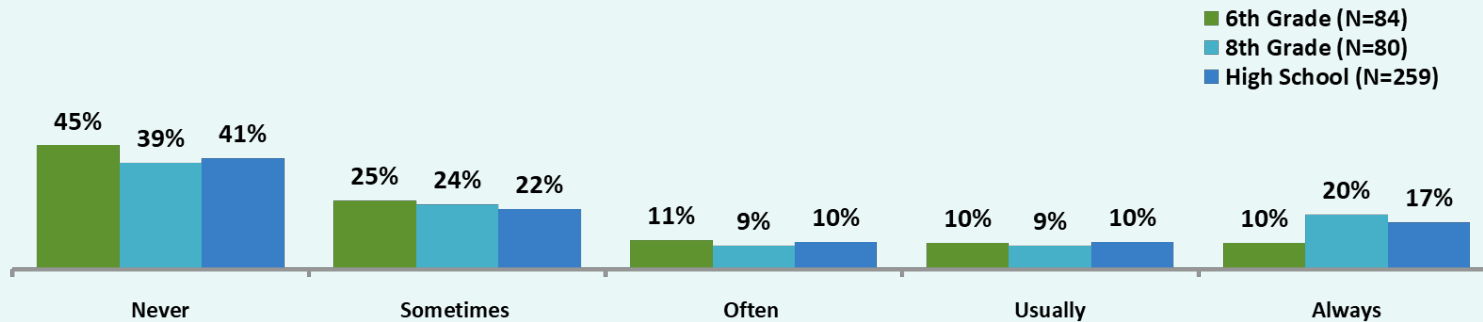
- Although 29% of Maynard students, overall, said they felt they were overweight, 41% indicated that they were trying to lose weight.
- 75% of Maynard students who said they were slightly or very overweight indicated they were trying to lose weight.
- 36% of those who thought they were about the right weight indicated they wanted to lose weight.
- Most concerning, 8% of Maynard students who identified as very or slightly underweight also indicated a desire to lose weight.
- Compared to previous years, the proportion of 6<sup>th</sup> and 8<sup>th</sup> graders trying to lose weight has increased, while the proportion of 8<sup>th</sup> graders trying to gain weight has decreased.



# Desire to be Thinner

- Similarly, while 67% of Maynard students who felt they were overweight indicated they often, usually, or always had a strong desire to be thinner, 28% of those who felt they were at the right weight, and 11% of those who identified as underweight also felt this way.
- Aggregate analyses show that those who identify as non-heterosexual or Native Hawaiian/Pacific Islander are especially likely to indicate a strong desire to be thinner.
- This desire to be thinner is fairly constant across grade levels, indicating that the pressure to be thin may affect students regardless of age.

**I have a strong desire to be thinner.**



## Aggregate Demographics and Behaviors Associated with Often, Usually, or Always Having a Strong Desire to be Thinner (30% of the population)

### Demographics

- 42% of those who identify as female
- 40% of those who identify as non-binary
- 39% of those who identify as transgender
- 45% of those who identify as non-heterosexual
- 44% of those who identify as Native Hawaiian or Pacific Islander
- 37% of those who identify as Hispanic or Latinx

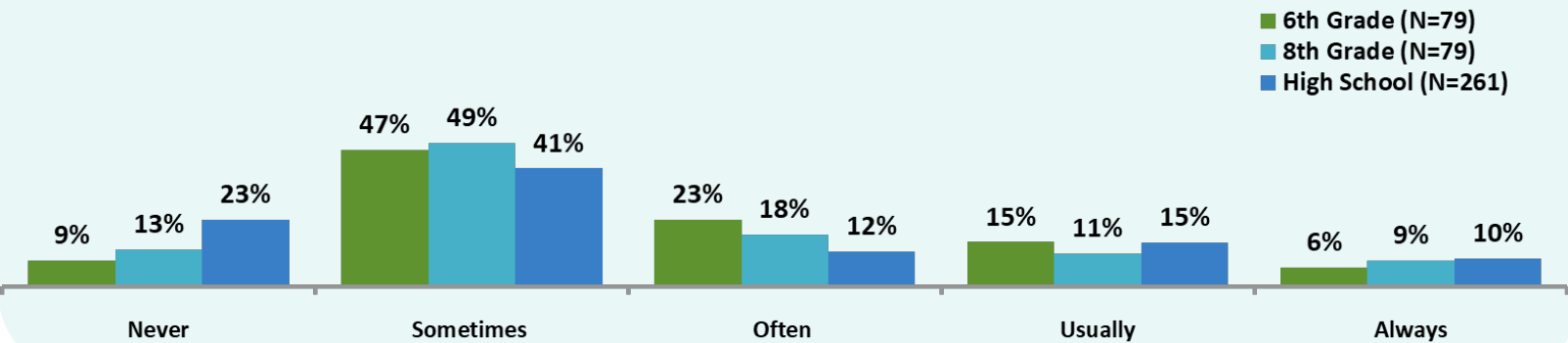
### Those who have a desire to be thinner are also more likely to:

- Be bullied (18%) or cyberbullied (15%)
- Be sexually harassed (30%)
- Be depressed (44%), self-harm (34%), or consider suicide (23%)
- Recently drink alcohol (16%)
- Send or receive sexual messages (18%)
- Engage in unhealthy dieting (25%)



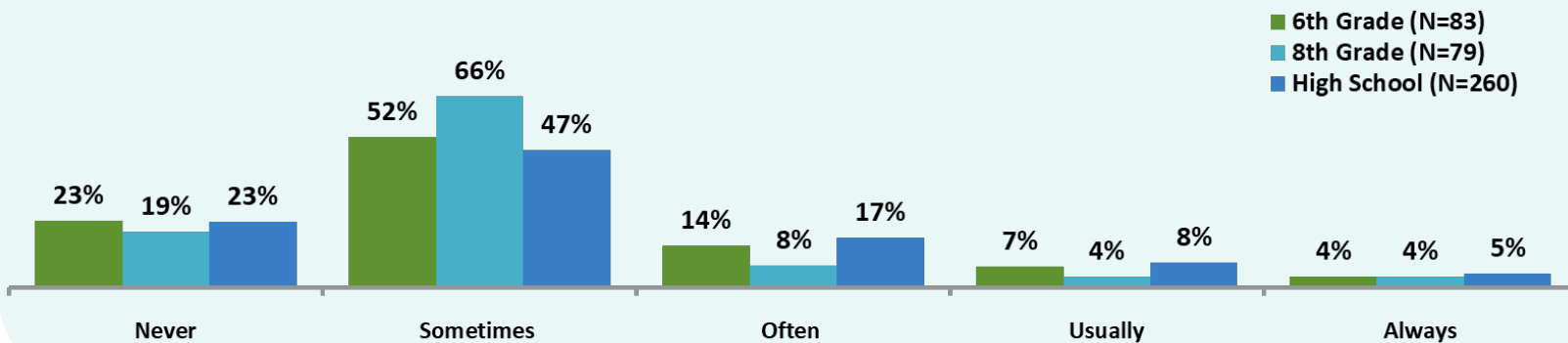
# Dieting

I am aware of the caloric content of the foods I eat.



- Overall, 38% of Maynard students indicated they were often, usually, or always aware of their food’s caloric content.
- This was highest among those with a strong desire to be thinner (55%) and those trying to lose weight (51%).

I avoid foods I think are unhealthy or don't fit in my diet.



- Overall, 26% of Maynard students indicated they often, usually, or always avoid unhealthy foods.
- This was highest among those with a strong desire to be thinner (40%) and those trying to lose weight (36%).

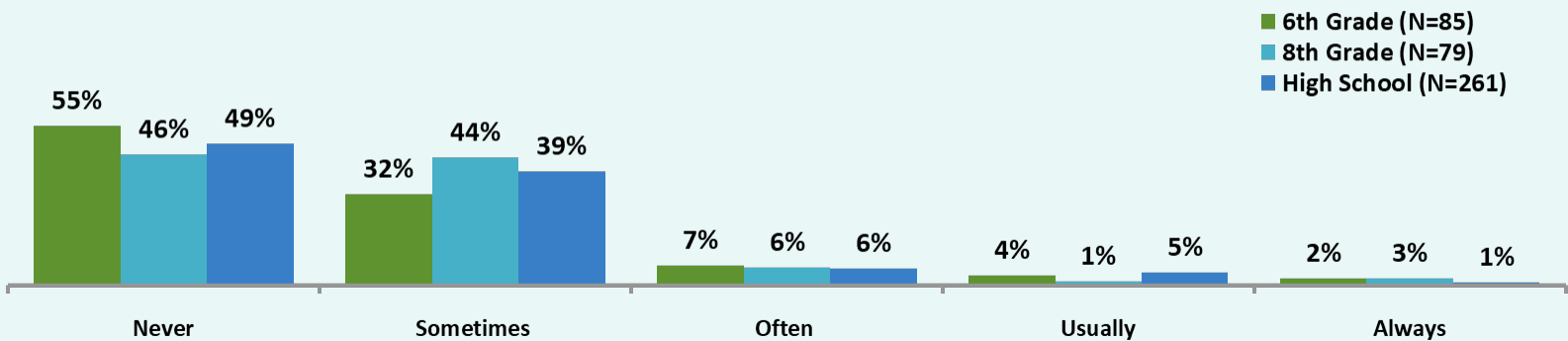


Q87	I am aware of the caloric content of foods that I eat.				2022
Q89	I avoid foods I think are unhealthy or don't fit in my diet.				2022



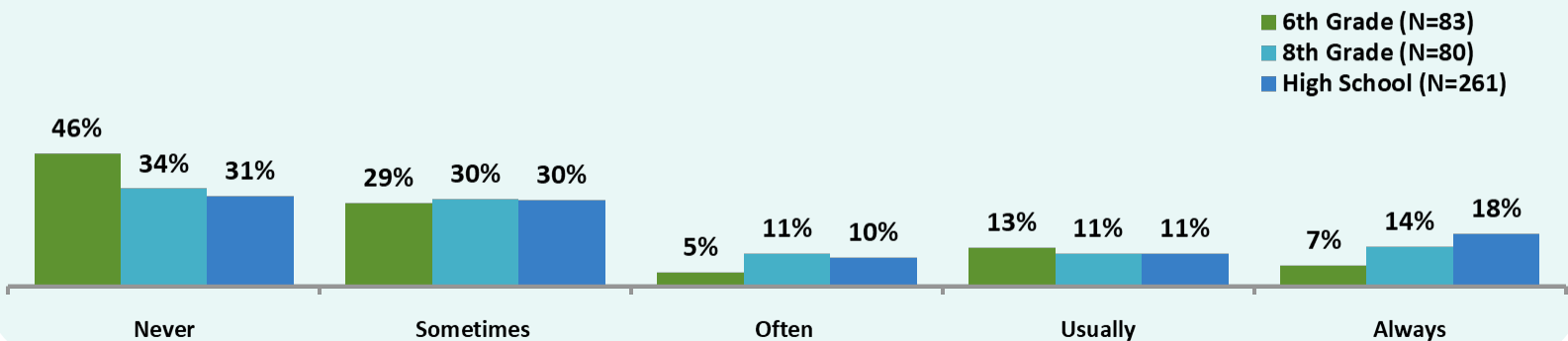
# Self-Inflicted Food Deprivation and Body Image

I avoid eating when I am hungry.



- Overall, 12% of Maynard students indicated they often, usually, or always avoided eating when hungry.
  - This was highest among those with a strong desire to be thinner (28%) and those trying to lose weight (23%).

My weight influences how I judge myself.



- Just over a third (36%) of Maynard students, overall, said their weight often, usually, or always influences how they judge themselves.
- This was especially high among those who had a strong desire to be thinner (77%), identified as overweight (59%), or were trying to lose weight (60%).



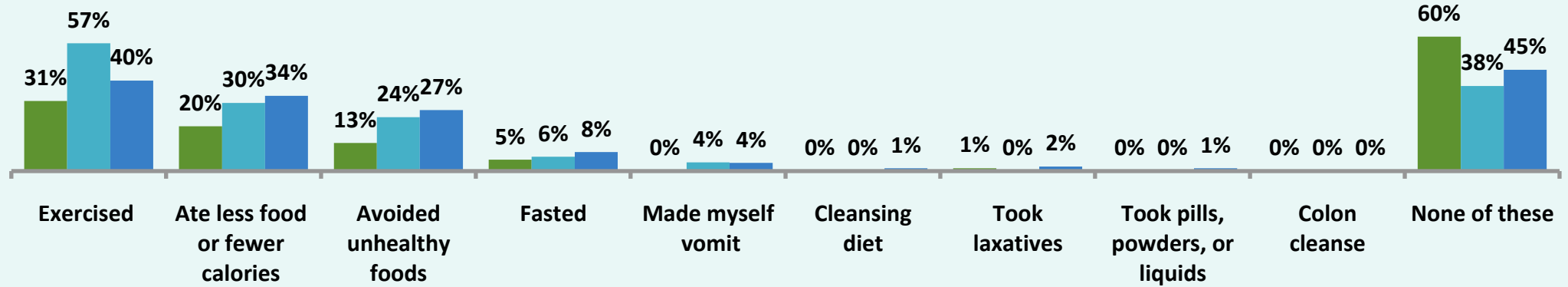
Q88	I avoid eating when I am hungry				2022
Q90	My weight influences how I judge myself.				2022

# Unhealthy Dieting

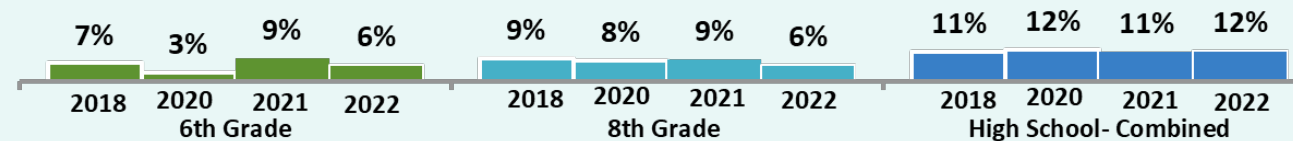
- Overall, 10% of Maynard students engaged in dangerous behaviors to lose weight in the past 30 days.
- However, over 1 in 5 (21%) of those who had a strong desire to be thinner indicated using these methods.
- Such behaviors were also high among those identified as overweight (12%) and were trying to lose weight (17%).

During the past 30 days without a doctors advice have you done any of the following to lose weight or keep from gaining weight?

■ 6th Grade (N=80)  
■ 8th Grade (N=79)  
■ High School (N=250)



Percent who Indicate Fasting, Vomiting, Cleansing, Laxatives, or Using Pills, Powders, or Liquids to Lose Weight.



# Those who engage in unhealthy dieting show a greater likelihood of depression, self-harm, and suicide.

## Aggregate Demographics and Behaviors Associated with Unhealthy Dieting (10% of the population)

### Demographics

- 27% of those who identify as transgender
- 21% of those who identify as non-heterosexual
- 19% of those who identify as Black or African American

### Those who engage in unhealthy dieting are also more likely to:

- Be bullied (32%) or cyberbullied (29%)
- Bully (10%)
- Be sexually harassed (51%)
- Be depressed (65%), self-harm (55%), or consider suicide (41%)
- Recently drink alcohol (30%)
- Use e-cigarettes (18%) or marijuana (21%)
- Have sexual intercourse (22%)
- View pornography (37%)
- Send or receive sexual messages (31%)
- Be in the “low resilience” category (40%)

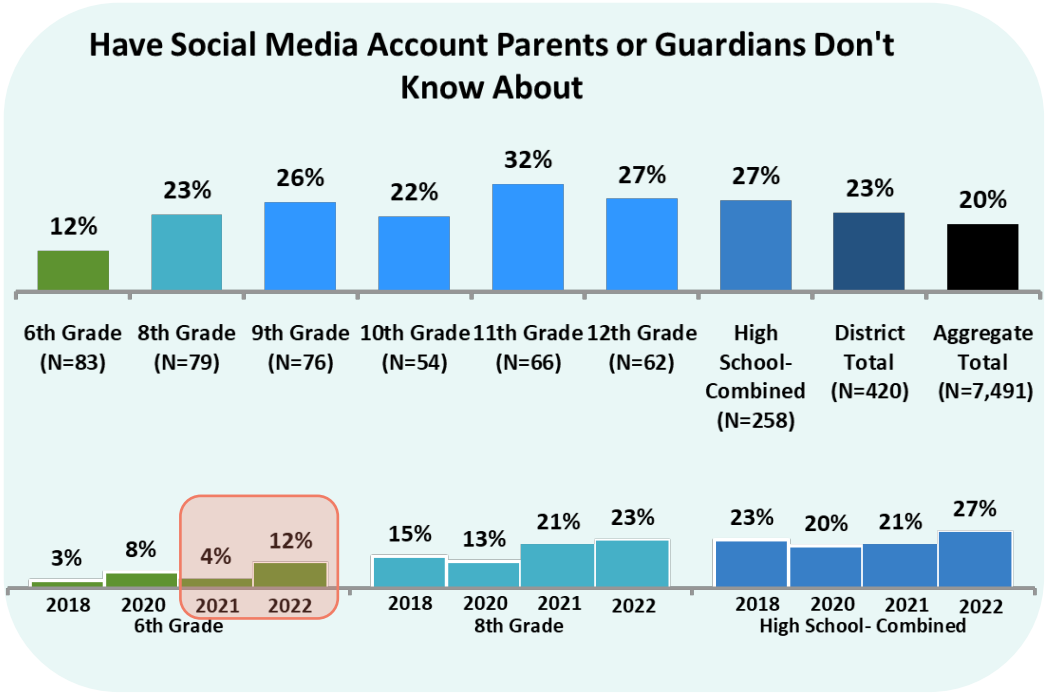
- Aggregate analyses show those most at risk for unhealthy dieting are those who have a non-traditional gender identity or sexuality.
- Additionally, those that engage in unhealthy dieting are also highly likely to abuse their body through self-harm and have a high rate of depression, suicide consideration, and substance abuse.



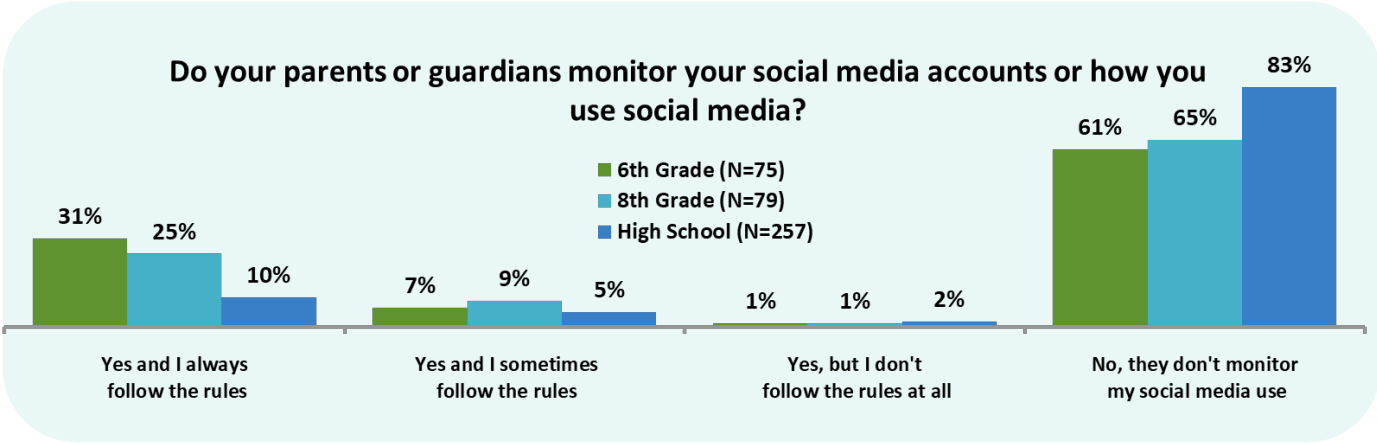
# Social Media and Cellphone Use

# Parental Involvement on Social Media

- Students in the 8<sup>th</sup> grade are nearly 2x as likely to have a social media account their parents are unaware of than 6<sup>th</sup> graders.
- There is also a high rate of hidden social media accounts among 11<sup>th</sup> and 12<sup>th</sup> graders.
- However, the rate of 6<sup>th</sup> graders who report having a social media account their parents don't know about is 3x as much as 2021.



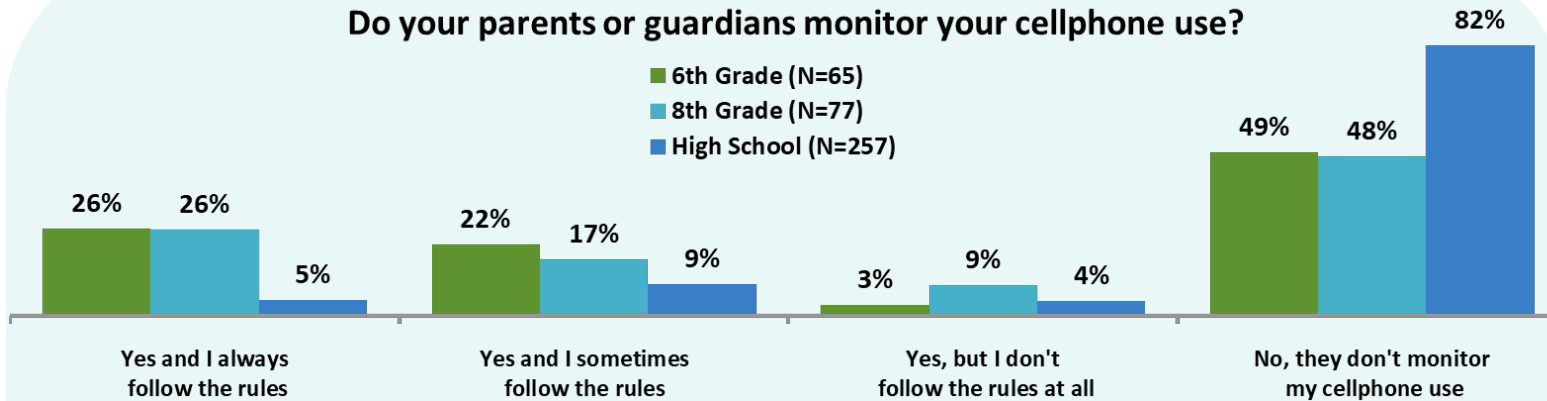
- Overall, parents are less likely to monitor social media for older students:
  - 39% of 6<sup>th</sup> graders have parents who monitor social media
  - 35% of 8<sup>th</sup> graders have parents who monitor social media
  - 17% of high schoolers have parents who monitor social media
- However, 12% of Maynard students who say their parents monitor their social media have an account they are unaware of.



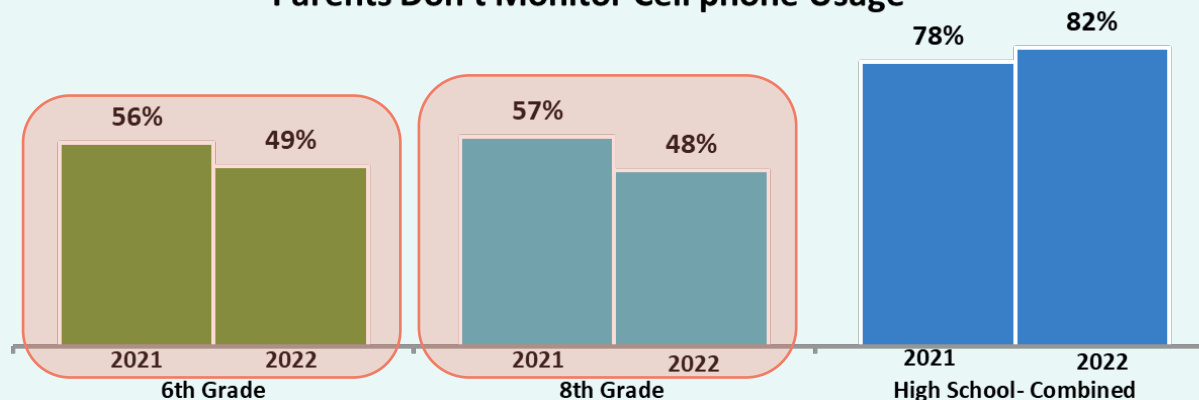
Q117	Do you have any social media accounts that your parents or guardians don't know about?	2018	2020	2021	2022
Q118	Do your parents or guardians monitor your social media accounts or how you use social media?				2022

# Parental Involvement on Cellphone Usage

Do your parents or guardians monitor your cellphone use?



Parents Don't Monitor Cell phone Usage



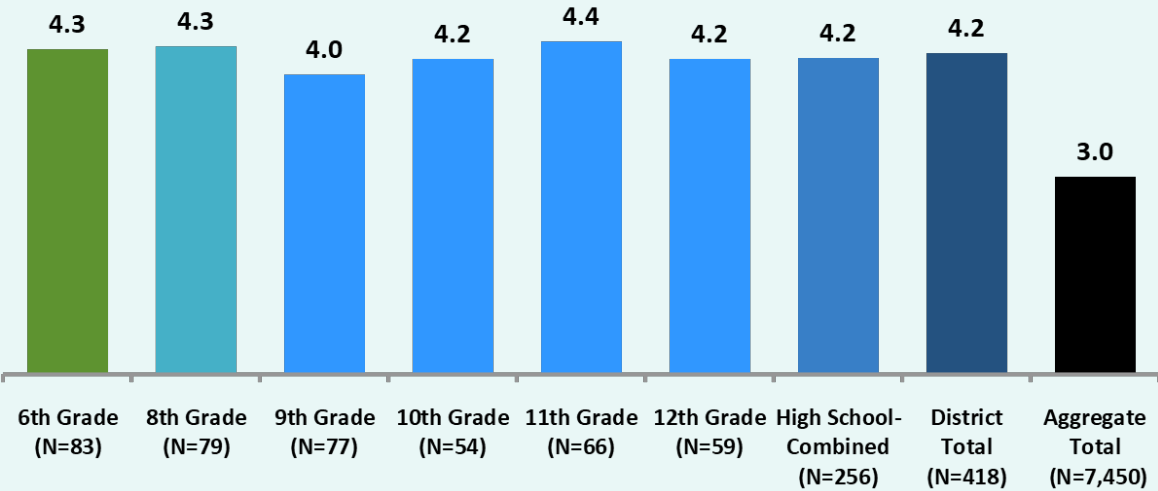
- Similar to social media use, parents are less likely to monitor cellphone use for high school students.
  - 51% of 6<sup>th</sup> graders have parents who monitor their phone
  - 52% of 8<sup>th</sup> graders have parents who monitor their phone
  - 18% of high schoolers have parents who monitor their phone
- Compared to 2021, less 6<sup>th</sup> and 8<sup>th</sup> graders say their parents don't monitor their cellphone use.



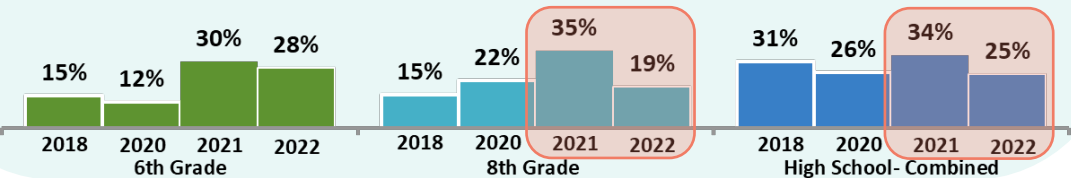
# Screen Time and Social Media

- Overall, Maynard students report spending a median time of around 4 hours on electronic devices on weekdays.
  - This is an hour longer than the aggregate population.
- However, for 8<sup>th</sup> graders and high school students, the amount spending 6 or more hours of screen time has fallen since 2021.

Median Time Spent on Computers, Television, Phones, Game consoles, or Other visual Technology on Weekdays

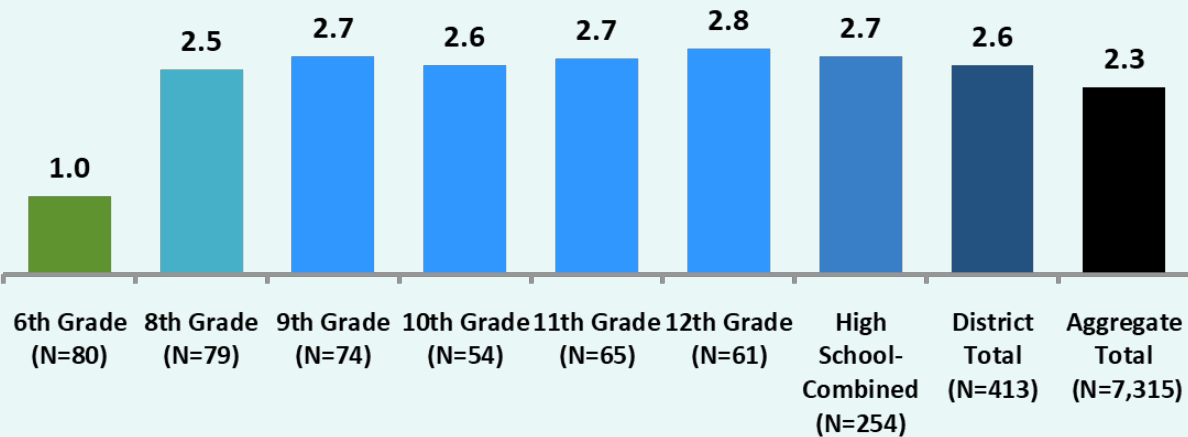


Percent Reporting 6 or More Hours on Visual Media Each Weekday

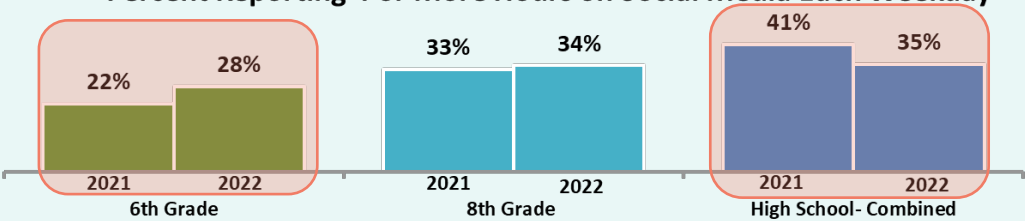


- Overall, Maynard students report spending a median time of around 2 and a half hours on social media on weekdays, with median time more than doubling after 6<sup>th</sup> grade.
- However, 6<sup>th</sup> graders show an increase in spending 4 or more hours on social media since 2021, while high school students show a decrease.

Median Time Spent on Social Media on Weekdays



Percent Reporting 4 or More Hours on Social Media Each Weekday

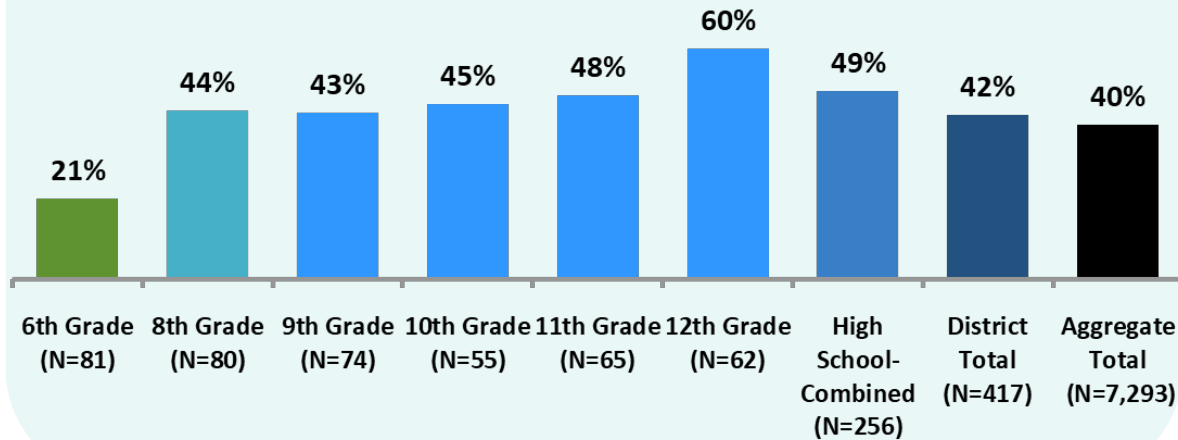


Q115	How much time do you spend weekdays after school using computers, television, phones, game consoles, or other visual technology for non-school related activities?	2018	2020	2021	2022
Q116	How much time do you spend weekdays on social media (e.g. Facebook, Twitter, Instagram, SnapChat, TikTok)?			2021	2022

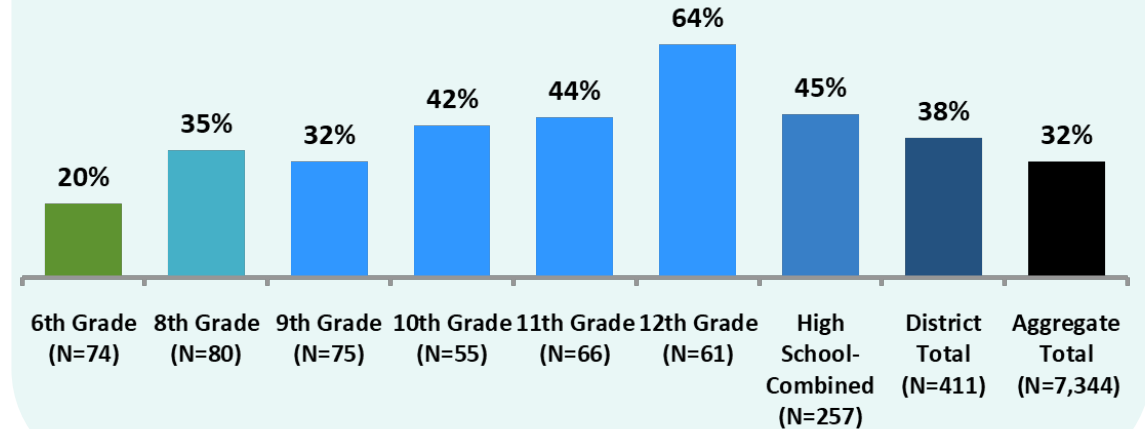
# Perception of Time Spent on Cellphones and Social Media

- Overall, 42% of Maynard students feel they spend too much time on their phone and 38% feel they spend too much time on social media.
- Those in the 12<sup>th</sup> grade are especially likely to feel they spend too much time on their phone or social media.
  - However, their screen and social media time is not substantially higher than other grades, indicating this feeling is based on differing perceptions of how time should be spent.

Feel They Spend too Much Time on Their Cellphone



Feel They Spend too Much Time on Social Media

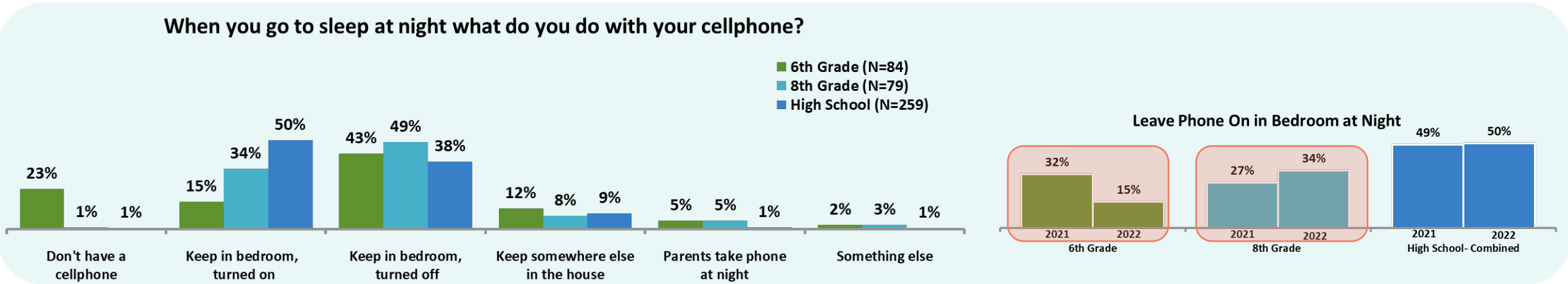
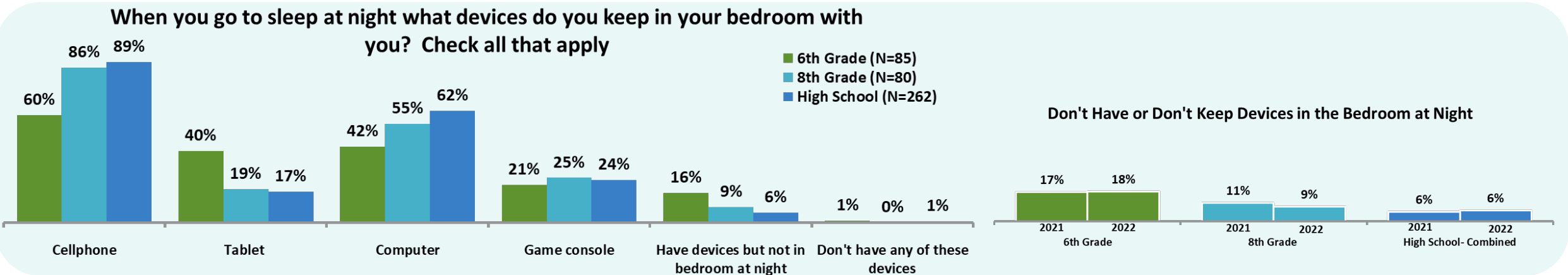


Q111	Do you think you spend too much time, about the right amount of time, or too little time on your cellphone?				2022
Q112	Do you think you spend too much time, about the right amount of time, or too little time on social media?				2022



# Electronic Devices in the Bedroom

- Cellphones are the most common devices students keep in the bedroom at night.
- Half of high schoolers indicate keeping their phone on in their bedroom at night, a much higher proportion than 6<sup>th</sup> and 8<sup>th</sup> graders.
- 6<sup>th</sup> graders show a sharp decrease in keeping their phone on in the bedroom compared to 2021, while 8<sup>th</sup> graders show an increase in keeping their phone on at night.

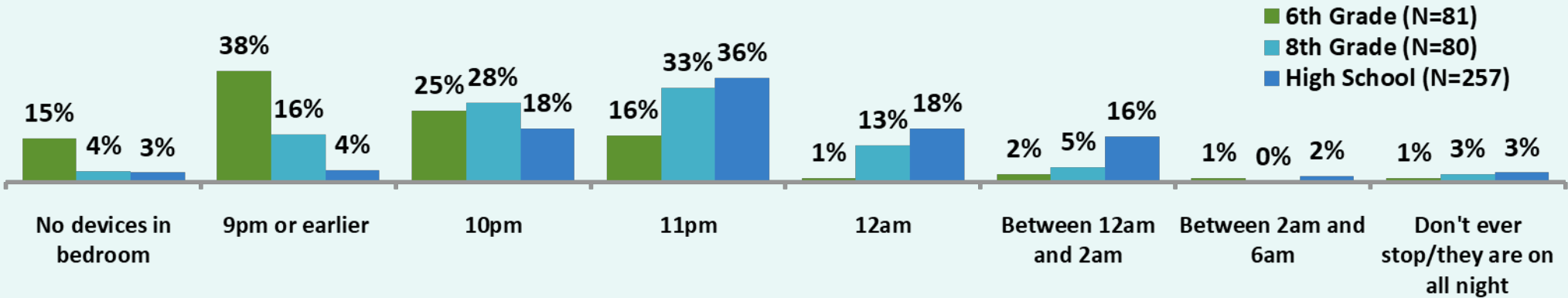


Q101-104	When you go to sleep at night, what devices do you keep in your bedroom with you? Check all that apply:			2021	2022
Q105	When you go to sleep at night, what do you do with your cell phone?			2021	2022

# Turning off Electronic Devices in the Bedroom

- Overall, 12% of Maynard students indicate using electronic devices after midnight.
  - For high schoolers, the most common time to turn off a cellphone at night is at 11pm (36%)
  - For 8<sup>th</sup> graders, the most common time to turn off a cellphone at night is at 11pm (33%)
  - For 6<sup>th</sup> graders, the most common time to turn off a cellphone at night is by 9pm (38%)

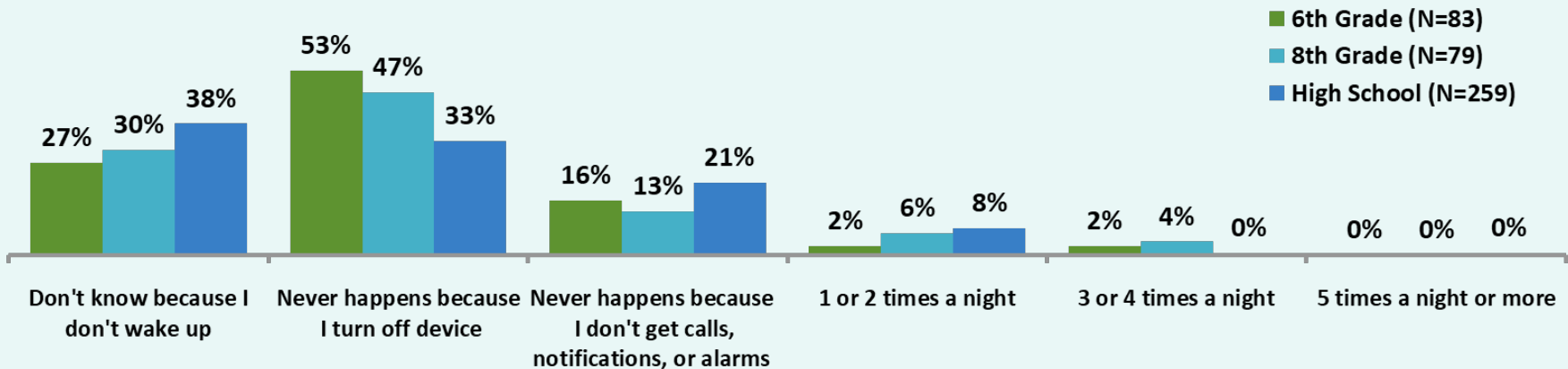
What time do you usually stop using all of your electronic devices (cellphone, tablet, computer, game console) at night before going to sleep?



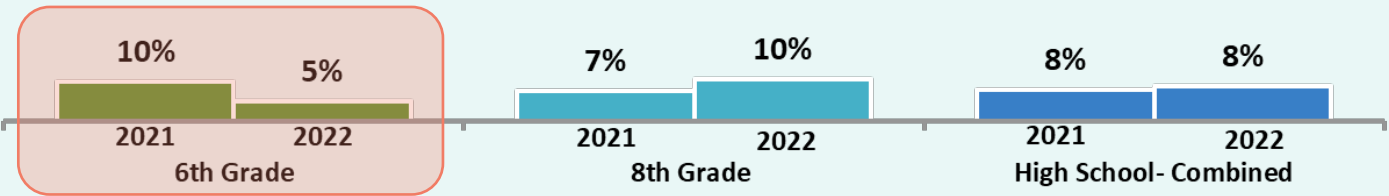
# Effect of Electronic Devices on Sleep

- Overall, 8% of Maynard students wake up at least once because of their cellphone at night.
- 6<sup>th</sup> graders show a decline in waking up at night from an electronic device compared to 2021.

How many times do you wake up each night because your cellphone, tablet, computer, or other electronic device rings, you get notifications, or you hear an alarm or other noise from your devices?

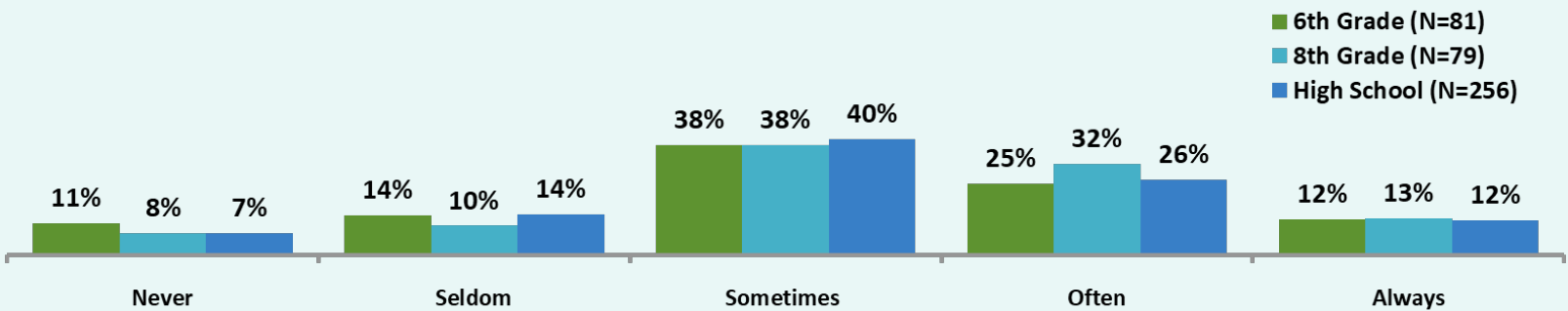


Wake Up 1 or More Times Each Night Because of Electronic Devices



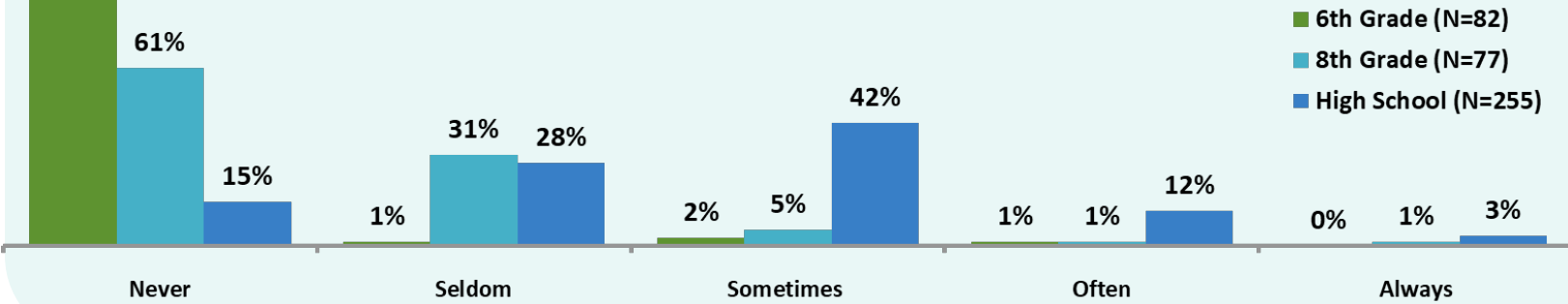
# Cellphone Distraction

How often do you feel as though you have to respond to messages from other people immediately?



- Overall, 39% of Maynard students feel they have to respond to messages often or always.
- This feeling is strongest among 8<sup>th</sup> graders, with 44% feeling as if they have to respond often or always.

How often do you lose focus in class or at school because you are checking your cellphone?



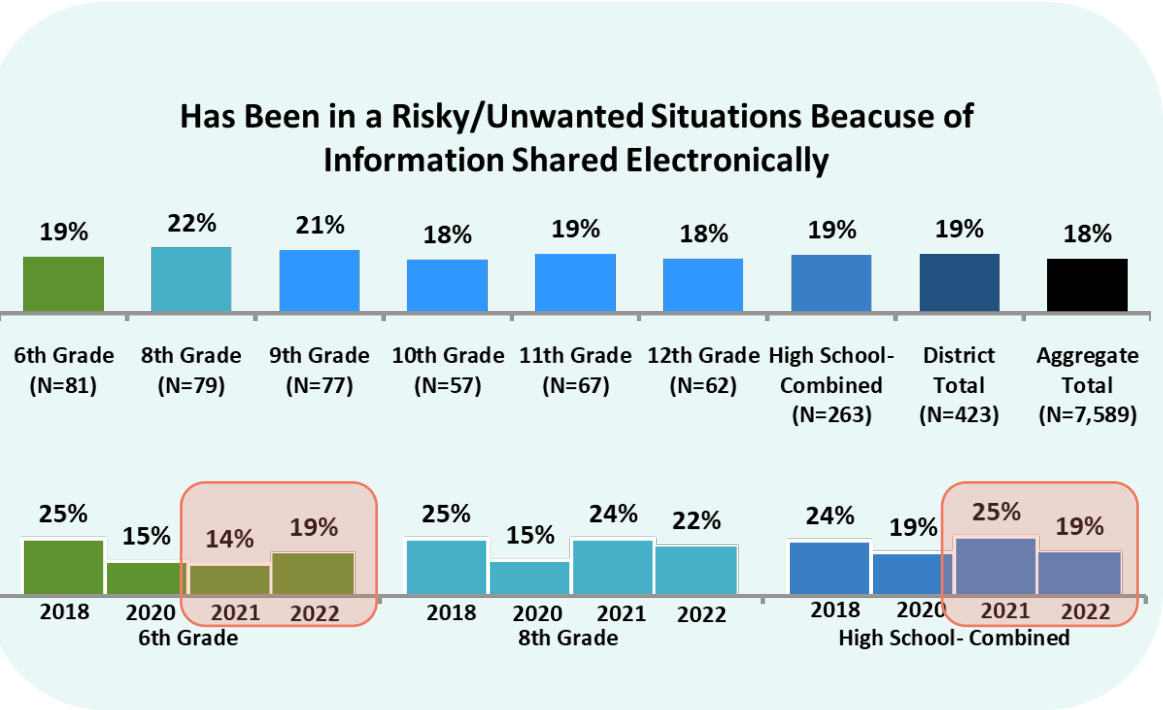
- Overall, 10% of Maynard students indicate losing focus often or always due to checking their cellphone.
  - This is most common amongst high school students (15%).
- 63% of those who lose focus in class due to checking their phone, indicate they feel as if they have to check it often or always.



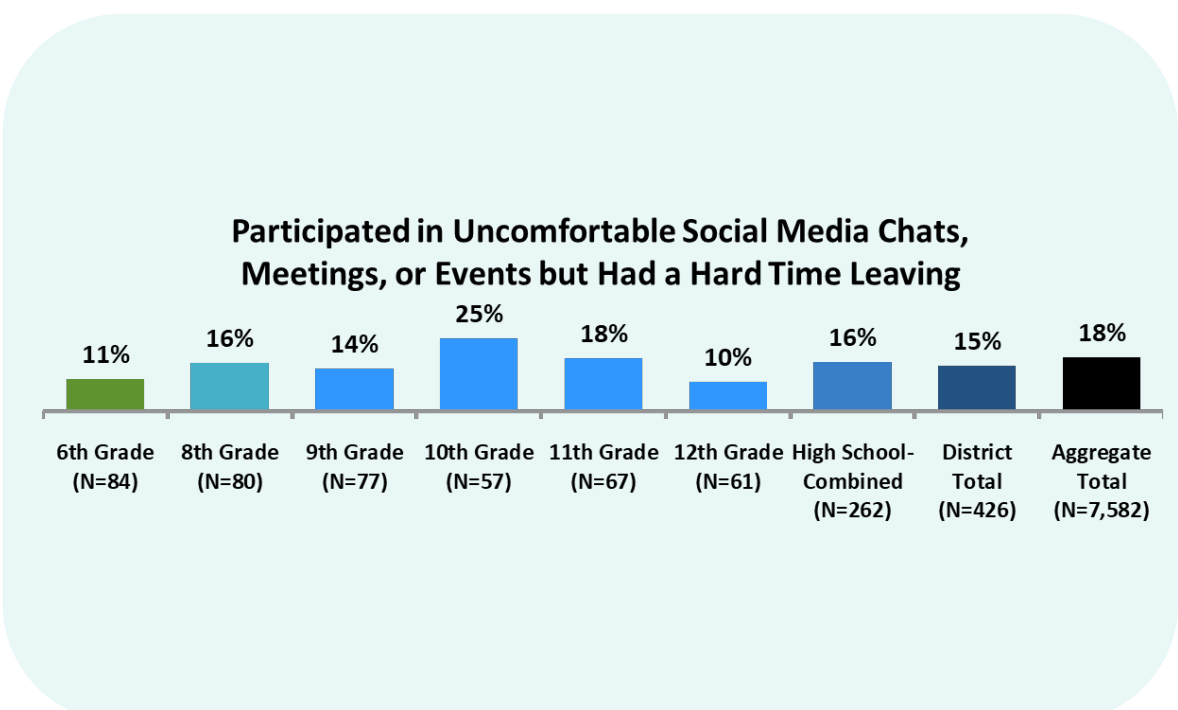
Q109	How often do you feel as though you have to respond to messages from other people immediately?				2022
Q110	How often do you lose focus in class or at school because you are checking your cellphone?				2022

# Risky Online Behaviors and Unwanted Contact

- The proportion of students who found themselves in a risky situation due to online activity is relatively stable across grade level.
- However, 6<sup>th</sup> graders show an increase in this compared to 2021, while high schoolers are less likely than 2021.

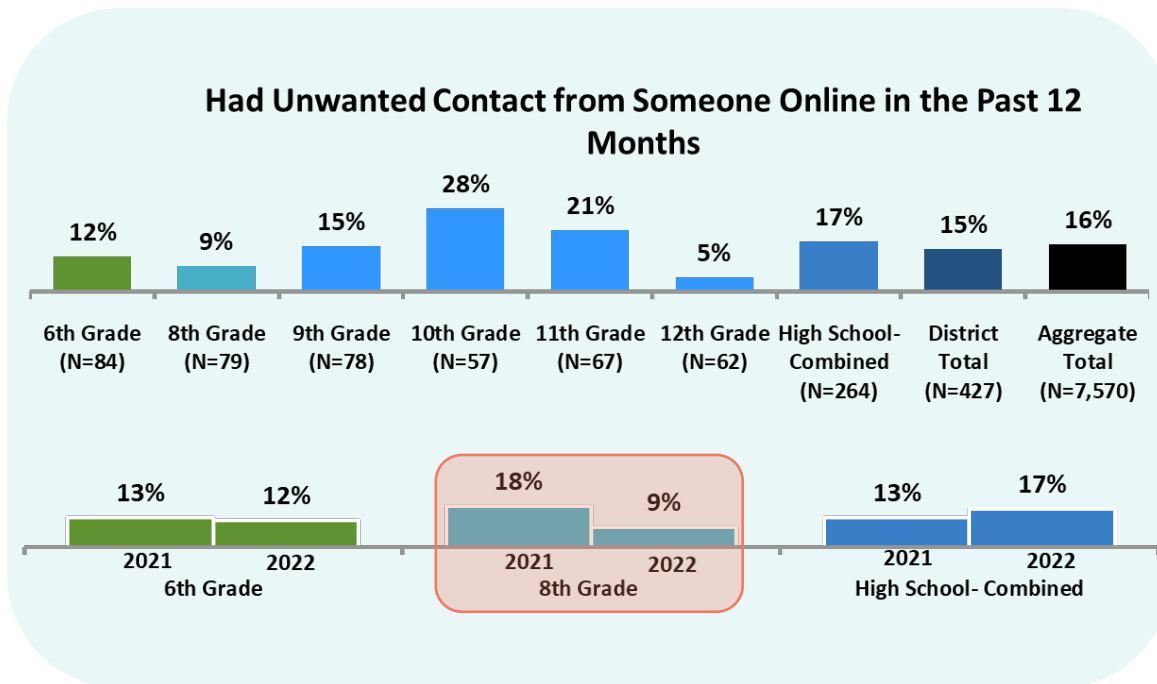


- Those in the 10<sup>th</sup> grade report the highest levels of being in uncomfortable social media chats, meetings, or events with a quarter (25%) indicating they have done so.
- This is especially common for those who indicate they have been cyberbullied (45%) or cyberbullied others (47%).



Q49	Have you ever found yourself in a risky/unwanted situation because of information you shared electronically?	2018	2020	2021	2022
Q51	In the past 12 months have you participated in any group chats meetings or events on social media where the discussion made you uncomfortable but you had a hard time leaving?				2022

# Unwanted Online Contact

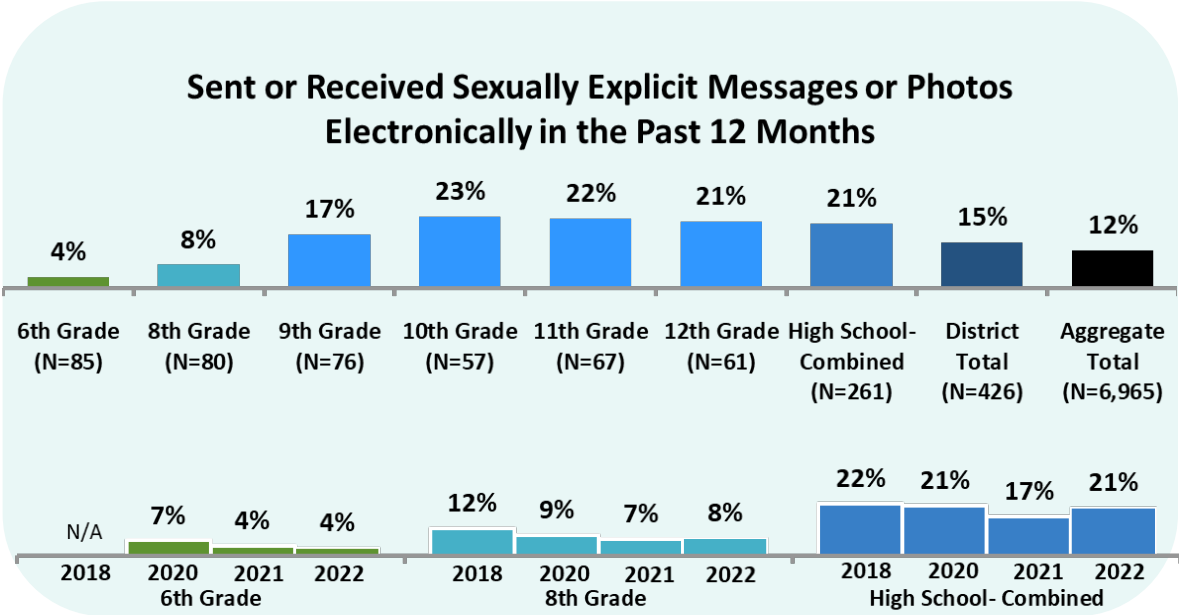


- Those in the 10<sup>th</sup> grade report the highest rate of having unwanted contact from someone online.
- The rate of 8<sup>th</sup> graders reporting unwanted contact is half of what it was in 2021.
- This is especially common for Maynard students who indicate they have:
  - Bullied others (53%)
  - Been cyberbullied (45%)
  - Engaged in unhealthy dieting (44%)
  - Cyberbullied others (41%)



# Sending or Receiving Sexually Explicit Messages

- The proportion of students who send or receive sexually explicit messages doubles between 6<sup>th</sup> and 8<sup>th</sup> grade, and between 8<sup>th</sup> and 9<sup>th</sup> grade.
- However, rates are stable compared to previous years.
- Aggregate analyses show that those who identify as transgender or Native Hawaiian or Pacific Islander have a much higher rate of sexually explicit messaging compared to the population.
- Those who send or receive sexually explicit messages are especially likely to be sexually harassed, depressed, and view pornography.



## Aggregate Demographics and Behaviors Associated with sending or receiving sexually explicit messages (12% of the population)

### Demographics

- 26% of those who identify as transgender
- 20% of those who identify as non-heterosexual
- 26% of those who identify as Native Hawaiian or Pacific Islander
- 21% of those who identify as Middle Eastern American

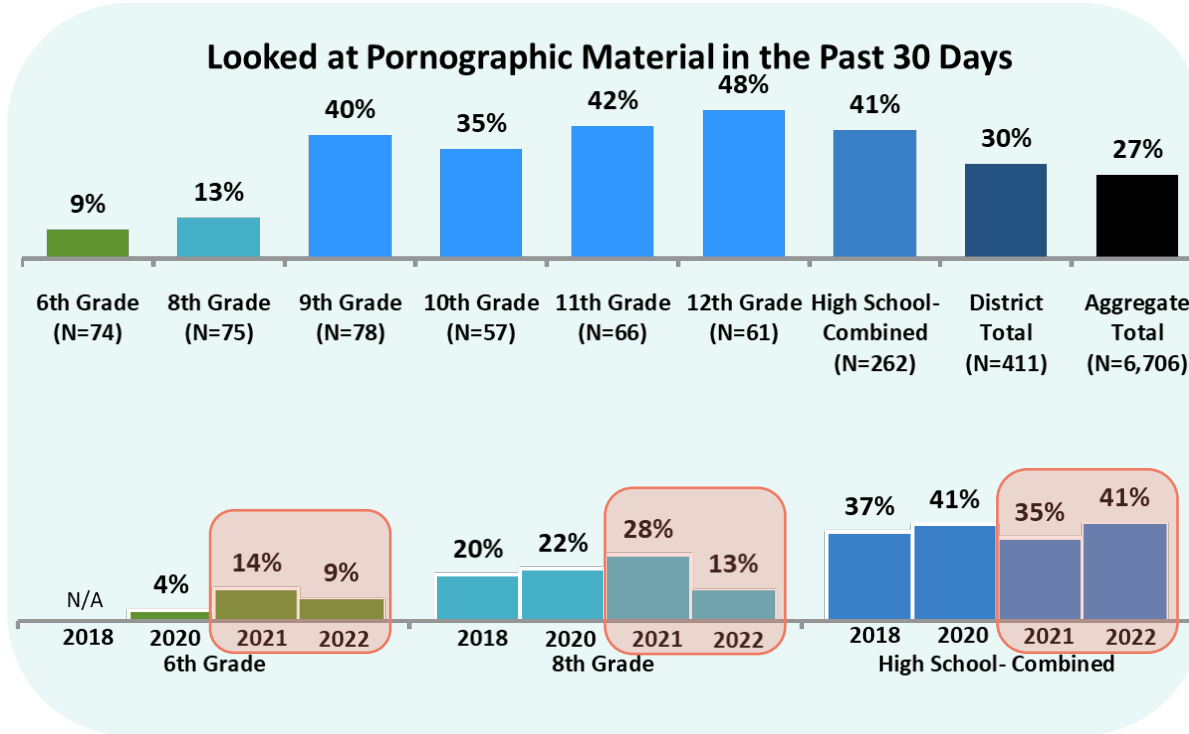
### Those who have sent or received sexual messages are more likely to:

- Be Bullied (26%) or cyberbullied (31%)
- Bully (13%) or cyberbully others (13%)
- Be sexually harassed (53%)
- Be depressed (54%), self-harm (45%), or consider suicide (31%)
- Recently drink alcohol (37%)
- Use e-cigarettes (25%) or marijuana (28%)
- Have sexual intercourse (37%)
- View pornography (64%)
- Engage in unhealthy dieting (26%)
- Be in the “low resilience” segment (33%)



# Pornography

- Rates of looking at pornography increase dramatically once students enter high school.
- While high school students indicate an increase in viewing pornography compared to 2021, those in 6<sup>th</sup> and 8<sup>th</sup> grade show a decrease.
- Aggregate analyses show a disproportionate number of students who identify as transgender indicate they have recently viewed pornography.



## Aggregate Demographics and Behaviors Associated with Recent Pornography viewing (27% of the population)

### Demographics

- 37% of males
- 38% of those who identify as non-binary
- 46% of those who identify as transgender
- 37% of those who identify as non-Heterosexual
- 39% of those who identify as Native Hawaiian or Pacific Islander

### Those who have recently viewed pornography are also more likely to:

- Be cyberbullied (15%)
- Cyberbully others (9%)
- Be sexually harassed (25%)
- Be depressed (37%), self-harm (29%), or consider suicide (21%)
- Recently drink alcohol (25%)
- Use e-cigarettes (14%) or marijuana (17%)
- Have sexual intercourse (19%)
- Send or receive sexual messages (29%)

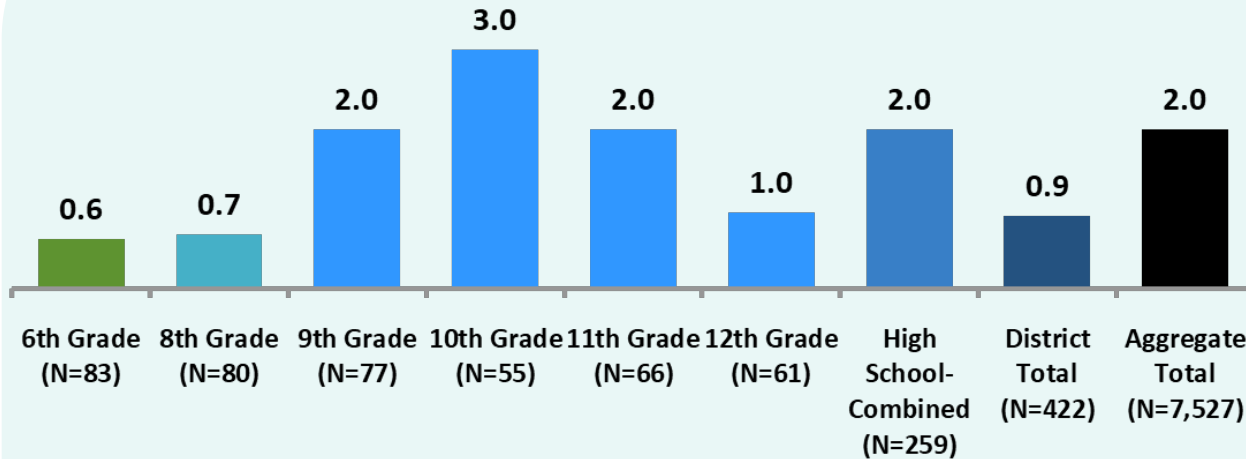




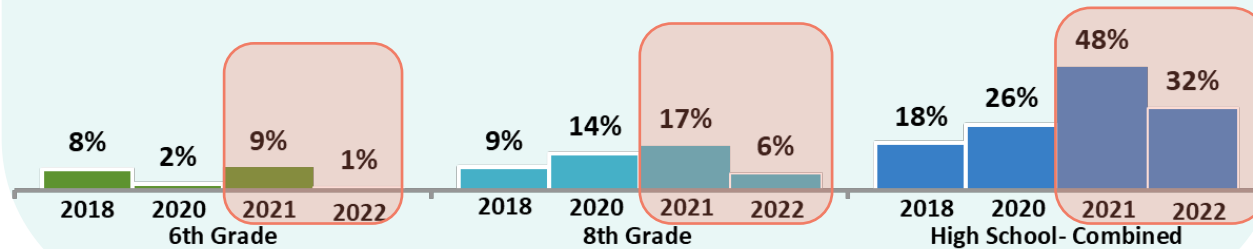
# Lifestyle

# Homework

Median Hours Spent Doing Homework Each Day



Does 3 or More Hours of Homework Each Day



- For Maynard students, time spent doing homework shows an increase once students enter high school.
- However, Maynard students report lower levels of homework than the aggregate and show a decline since 2021.
- 83% of Maynard students who report 3 or more hours of homework each day also indicate that they have experienced somewhat high or very high levels of stress due to their academic course load.



# Sleep

- Most 8-12<sup>th</sup> graders get 7 or less hours of sleep each night, with 35% of all students reporting 6 or less hours.
- However, less high schoolers are getting low levels of sleep compared to 2021.
- Aggregate analyses show Native Hawaiian or Pacific Islander students and those with a non-traditional gender identity or sexual orientation are among those most likely to get little sleep.

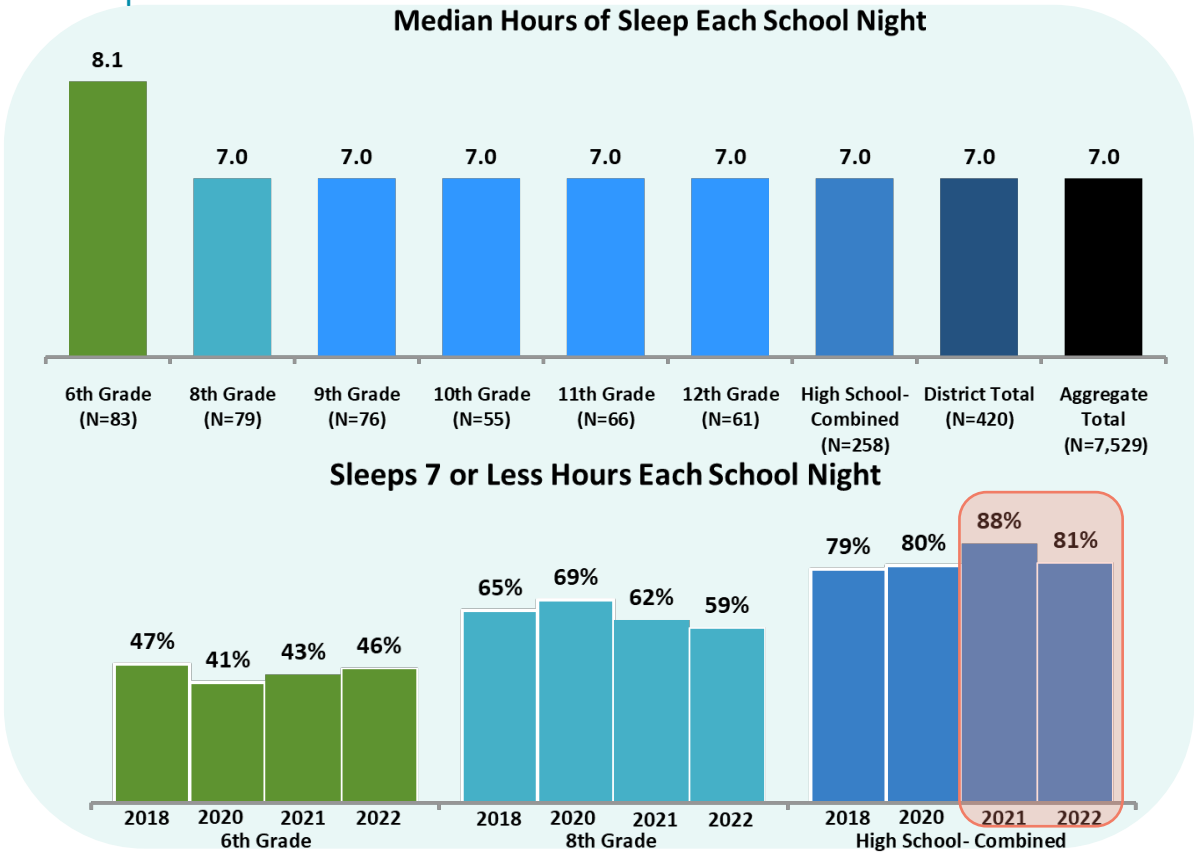
## Aggregate Demographics and Behaviors Associated with Getting 6 or Less hours of sleep Each Night (35% of the population)

**Demographics**

- 54% of those who identify as non-binary
- 54% of those who identify as transgender
- 51% of those who identify as non-heterosexual
- 58% of those who identify as Native Hawaiian or Pacific Islander
- 51% of those who identify as Black or African American
- 46% of those who identify as Hispanic or Latinx

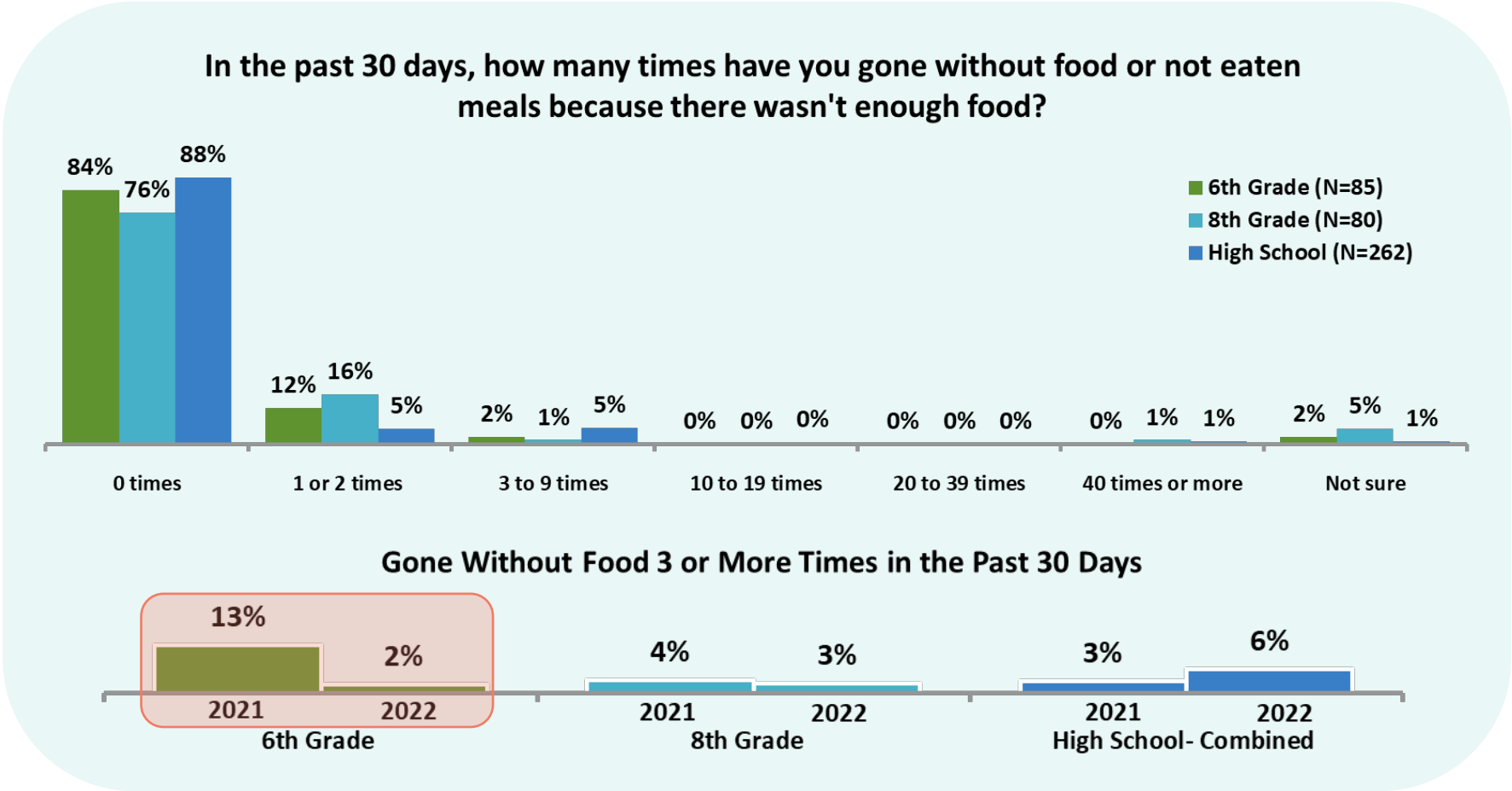
**Those who get 7 or less hours of sleep each night are more likely to:**

- Be sexually harassed (25%)
- Be depressed (39%), self-harm (28%), or consider suicide (20%)
- Be sexually harassed (25%)
- Be in the “low resilience” segment (26%)



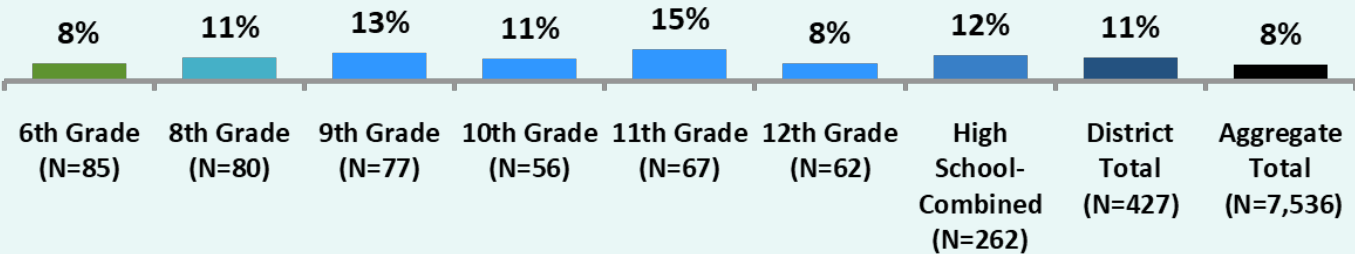
# Going Without Food

- While the majority of students do not go without food, 5% of Maynard students have gone hungry 3 or more times in the 30 days prior to taking this survey.
- 6<sup>th</sup> graders, show a substantial decrease in the number who report going 3 or more days without food.



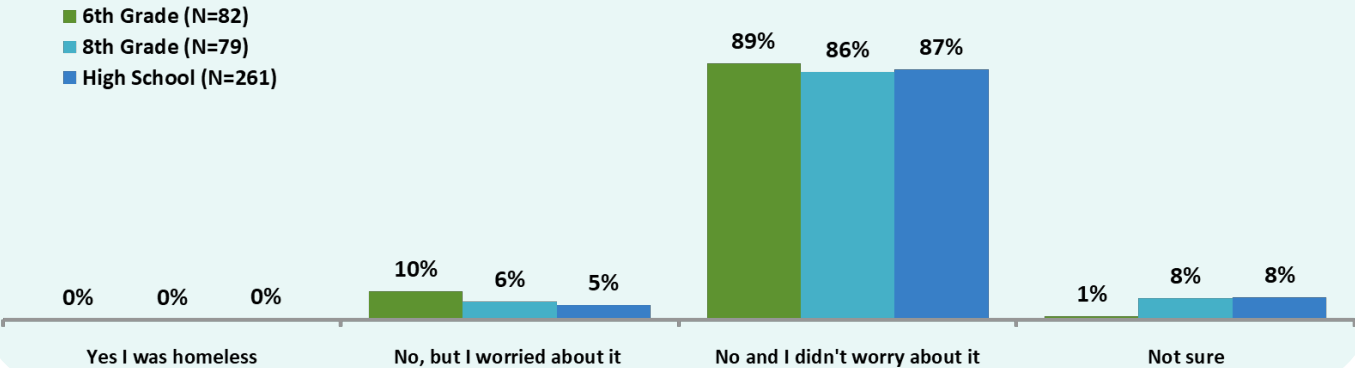
# Moving and Homelessness

Moved to New Apartment or House in Past 30 Days



➤ Overall, 11% of students reported moving in the past 30 days with 11<sup>th</sup> graders showing the highest proportion of moving.

At any point in the past 12 months, were you homeless or did you worry about being homeless?



➤ Although 0% of Maynard students were homeless in the past year, 1 in 10 of those in the 6<sup>th</sup> grade worried about homelessness.



Q120	In the past 12 months did you move to a new apartment or house?				2022
Q121	At any point in the past 12 months were you homeless or did you worry about being homeless?				2022

# Appendix A: Changes to Questionnaire

# Questionnaire Differences in 2022

Questions that changed compared to previous years					
Q3	How do you identify yourself? • Female • Male • Something else (non-binary, etc)		How do you identify yourself? • Female • Male • <b>Transgender</b> • Other (Non-binary, etc)		
	2022		2021	2020	2018
Q16-23	How do you describe yourself? <b>Select as many as apply to you:</b>		How do you describe yourself? <b>(Select one or more responses.)</b>		
	2022		2021	2020	2018
Q52	During the past 12 months, have you received unwelcome comments or actions of a sexual nature which made you uncomfortable (sexual harassment)? • <b>Yes this happened to me online</b> • <b>Yes this happened to me in person</b> • <b>Yes both online and in person</b> • <b>No, this hasn't happened to me</b>		During the past 12 months, have you received unwelcome comments or actions of a sexual nature which made you uncomfortable (sexual harassment) <b>from others in school?</b> • Yes • No		
	2022		2021	2020	2018
Q53	During the past 12 months, what level of stress have you experienced as a result of your <b>school</b> /academic workload?		During the past 12 months, what level of stress have you experienced as a result of your academic workload?		
	2022		2021*	2021*	2020



\* For 2021, some participating districts got different versions of this question

# Questionnaire Differences in 2022

## Questions that changed compared to previous years

Q56-71	When you are dealing with stress, which strategies do you use most often? Check all that apply to you. <ul style="list-style-type: none"><li>Nothing</li><li>Exercise</li><li>Drinking alcohol</li><li><b>Doing drugs</b></li><li>Smoking cigarettes</li><li>Vaping/Juuling/Vuseing</li><li>Mindfulness/Mediation activities</li><li>Self-injury</li><li>Watching television</li><li><b>Avoidance, ignoring the stress, walking away</b></li><li>Eating</li><li><b>Gaming</b></li><li><b>Social media</b></li><li><b>Talking to someone I trust</b></li><li><b>Not eating or avoiding food</b></li><li>Going online</li><li>Other</li></ul>		Which of the following strategies do you use most frequently to deal with stress? (Choose all that apply) <ul style="list-style-type: none"><li>Nothing</li><li>Exercise</li><li>Drinking/drugs/smoking</li><li>Vaping/Juuling/Vuseing</li><li>Mediation/ relaxation activities</li><li>Self-injury</li><li>Watching television</li><li>Eating</li><li>Other</li></ul> <p>(Options listed are for 2020, which are different from previous years).</p>		
	2022		2021	2020	2018
Q77	If you attempted suicide during the past 12 months, did any attempt result in an injury, poisoning, or overdose that had to be treated by a doctor or nurse? (Asked only of those who attempted suicide) <ul style="list-style-type: none"><li>Yes</li><li>No</li></ul>		If you attempted suicide during the past 12 months, did any attempt result in an injury, poisoning, or overdose that had to be treated by a doctor or nurse? <ul style="list-style-type: none"><li><b>I did not attempt suicide during the past 12 months</b></li><li>Yes</li><li>No</li></ul>		
	2022	2021	2020	2018	
Q78	In the past 12 months, has anyone you know from school told you they were thinking about hurting themselves or suicide? <b>Yes, they told me in person, on a phone/video call, or in a text</b> <ul style="list-style-type: none"><li><b>Yes, they told me online (direct messaging, email, in social media, etc)</b></li><li><b>No, but I saw or heard something about the person from a friend</b></li><li><b>No, but I saw or heard something about the person online</b></li><li><b>No, nobody at school has told me they were thinking about hurting themselves or suicide</b></li></ul> <b>Not compared to previous versions</b>		In the past 12 months, has anyone at school told you they were thinking about hurting themselves or suicide, and did you tell an adult about it? ( <b>Not compared to new version</b> ) <ul style="list-style-type: none"><li>No one told me they wanted to hurt themselves, and I'm not worried about anyone</li><li>No one told me they wanted to hurt themselves, but I am worried about someone</li><li>Yes, someone told me, but I didn't tell an adult</li><li>Yes, someone told me, and I did tell an adult</li><li>Not sure</li></ul>		
	2022	2021	2020	2018	





# Questionnaire Differences in 2022

## Questions that changed compared to previous years

Q79	<p>During the past 30 days, on how many days did you have at least one drink of alcohol?</p> <ul style="list-style-type: none"> <li>• <b>I have never had a drink of alcohol other than a few sips</b></li> <li>• <b>I have drunk alcohol (more than few sips) but not within the past 30 days</b></li> <li>• 1 or 2 days      • 10 to 19 days</li> <li>• 3 to 5 days      • 20 to 29 days</li> <li>• 6 to 9 days      • All 30 days</li> </ul>	<p>During the past 30 days, on how many days did you have at least one drink of alcohol?</p> <ul style="list-style-type: none"> <li>• 0 days      • 10 to 19 days</li> <li>• 1 or 2 days      • 20 to 29 days</li> <li>• 3 to 5 days      • All 30 days</li> <li>• 6 to 9 days</li> </ul>			
		2022	2021	2020	2018
Q80	<p>During the past 30 days, on how many days did you have 5 or more drinks of alcohol in a row, that is, within a couple of hours?</p> <ul style="list-style-type: none"> <li>• <b>I have never had 5 or more drinks in a row within a couple hours</b></li> <li>• <b>I have had 5 or more dinks in a row within a couple of hours, but not within the past 30 days</b></li> <li>• 1 or 2 days      • 10 to 19 days</li> <li>• 3 to 5 days      • 20 to 29 days</li> <li>• 6 to 9 days      • All 30 days</li> </ul>	<p>During the past 30 days, on how many days did you have 5 or more drinks of alcohol in a row, that is, within a couple of hours?</p> <ul style="list-style-type: none"> <li>• 0 days      • 10 to 19 days</li> <li>• 1 or 2 days      • 20 to 29 days</li> <li>• 3 to 5 days      • All 30 days</li> <li>• 6 to 9 days</li> </ul>			
		2022	2021	2020	2018
Q81	<p>During the past 30 days, on how many days did you use an electronic cigarette (e-cigarette), also called vaping, juuling, or vusing?</p> <ul style="list-style-type: none"> <li>• <b>I have never used and e-cigarette or vaped</b></li> <li>• <b>I have used an e-cigarette or vaped but not in the last 30 days</b></li> <li>• 1 or 2 days      • 10 to 19 days</li> <li>• 3 to 5 days      • 20 to 29 days</li> <li>• 6 to 9 days      • All 30 days</li> </ul>	<p>During the past 30 days, on how many days did you use an electronic cigarette (e-cigarette), also called vaping, juuling, or vusing?</p> <ul style="list-style-type: none"> <li>• 0 days      • 10 to 19 days</li> <li>• 1 or 2 days      • 20 to 29 days</li> <li>• 3 to 5 days      • All 30 days</li> <li>• 6 to 9 days</li> </ul>			
		2022	2021	2020	2018



# Questionnaire Differences in 2022

## Questions that changed compared to previous years

Q82	During the past 30 days, on how many days did you use marijuana or marijuana-related products (not including CBD oil)? <ul style="list-style-type: none"><li>• <b>I have never used marijuana or marijuana-related products</b></li><li>• <b>I have used marijuana or marijuana-related products but not in the past 30 days</b></li><li>• 1 or 2 days      • 10 to 19 days</li><li>• 3 to 5 days      • 20 to 29 days</li><li>• 6 to 9 days      • All 30 days</li></ul>		During the past 30 days, on how many days did you use marijuana or marijuana-related products (not including CBD oil)? <ul style="list-style-type: none"><li>• 0 times      • 20 to 39 times</li><li>• 1 or 2 times      • 40 or more times</li><li>• 3 to 9 times</li><li>• 10 to 19 days</li></ul>			
	2022		2021	2020	2018	
Q92-100	During the past 30 days, without a doctor's advice, have you done any of the following to lose weight or keep from gaining weight? <ul style="list-style-type: none"><li>• <b>Exercised to lose weight</b></li><li>• <b>Ate less food or fewer calories (dieted)</b></li><li>• Went without food for 24 hours or more (also called fasting)</li><li>• Went on a cleansing diet</li><li>• Colon cleanse</li><li>• Made myself vomit</li><li>• Avoided unhealthy foods or foods that didn't fit in my diet</li><li>• Took laxatives</li><li>• Took diet pills, powders, or liquids</li><li>• I did not do any of these</li></ul>		During the past 30 days, without a doctor's advice, have you done any of the following to lose weight or keep from gaining weight? <ul style="list-style-type: none"><li>• Go without eating for 24 hours (also called fasting)</li><li>• Go on a cleansing diet</li><li>• Colon cleanse</li><li>• Make myself vomit</li><li>• Take laxatives</li><li>• Take diet pills, powders, or liquids</li><li>• None of these</li></ul>			
	2022		2021	2020	2018	



# Questionnaire Differences in 2022

## Questions that changed compared to previous years

Q108	<b>What time do you usually stop using all of your electronic devices (cell phone, tablet, computer, game console) at night before going to sleep</b> <ul style="list-style-type: none"> <li>• I don't ever stop using my devices or they are on all night</li> <li>• I stop using my electronic devices at 9pm or earlier</li> <li>• I stop using my electronic devices by 10pm</li> <li>• I stop using my electronic devices by 11pm</li> <li>• I stop using my electronic devices by 12 midnight</li> <li>• I stop using my electronic devices between 12 midnight and 2am</li> <li>• I stop using my electronic devices between 2am and 6am</li> <li>• My electronic devices aren't in my bedroom or I keep them somewhere else at night</li> </ul> <b>Not compared to previous versions</b>			<b>What time do you usually shut your cell phone off on a school night before going to sleep?</b> <ul style="list-style-type: none"> <li>• I don't have a cell phone</li> <li>• I don't shut my cell phone off at night, or it is on all night</li> <li>• I shut it off before 9pm</li> <li>• I shut it off at 10pm</li> <li>• I shut it off at 11pm</li> <li>• I shut it off at 12 midnight</li> <li>• I shut it off between 12 midnight and 2am</li> <li>• I shut it off after 2am</li> </ul>
	2022	2021	2020	
Q115	<b>How much time do you spend weekdays after school using computers, television, phones, game consoles, or other visual technology for non-school related activities?</b>			<b>On an average school day, how much time do you spend using computers, television, phones, or other visual technology?</b>
	2022	2021	2020	2018



# Questionnaire Differences in 2022

## Questions that changed compared to previous years

Q118	<p><b>Do your parents or guardians monitor your social media accounts or how you use social media?</b></p> <ul style="list-style-type: none"><li>• <b>Yes, they monitor my social media use and I always follow the rules</b></li><li>• <b>Yes, they monitor my social media use and I sometimes follow the rules</b></li><li>• <b>Yes, they monitor my social media use and I don't follow the rules at all</b></li><li>• <b>No, they don't monitor my social media use.</b></li></ul> <p>Not compared to previous versions</p>	<p>How do your parents or guardians monitor your social media accounts or how you use social media? Check all that apply:)</p> <ul style="list-style-type: none"><li>• They do not monitor my social media accounts or use</li><li>• I don't know if they monitor my social media accounts or use</li><li>• I have a contract and ground rules for my phone/tablet/computer</li><li>• They follow my social media accounts weekly or more often</li><li>• They use monitoring, blocking, or filtering software</li><li>• They put parental controls on my phone/tablet/computer</li><li>• I am only allowed to use my phone/tablet/computer at certain times</li><li>• I am only allowed to use my phone/tablet/computer in certain places in our home</li><li>• They monitor my social media accounts or use in some other way</li><li>• I don't have any social media accounts, or I don't have a phone</li></ul>			
	2022	2021	2020	2018	

