

2022 Minnesota Student Survey

The Minnesota Student Survey (MSS) is one of the longest-running youth surveys in the nation. It is a triennial survey that began in 1989 and is administered to students in grades five, eight, nine, and 11. The survey is conducted statewide, to gain insights into the world of students and their experiences.



The Minnesota Student Survey Interagency Team:

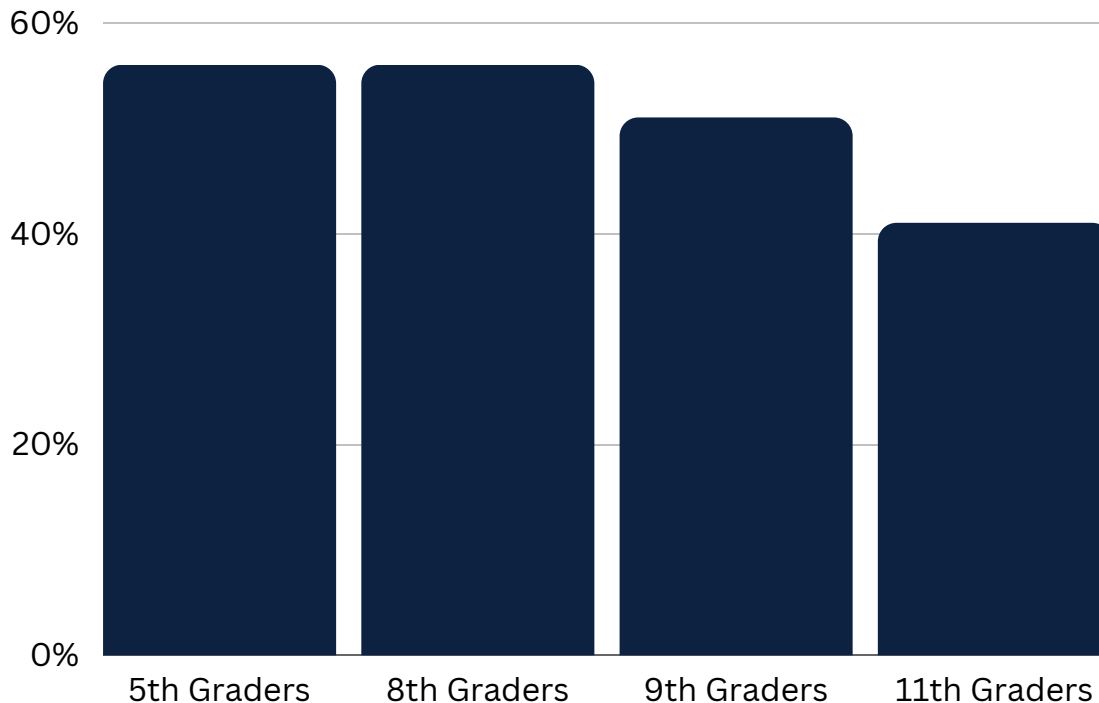
Minnesota Department of Corrections
Minnesota Department of Education
Minnesota Department of Health
Minnesota Department of Human Services
Minnesota Department of Public Safety

2022 Minnesota Student Survey

The 2022 MSS was administered in the first half of 2022 to students in grades five, eight, nine and 11 statewide. The survey was voluntary at all levels; districts, schools, parents, and students could all choose to opt out. **Most public school districts (70%)** chose to participate. Overall, participation across the four grades was approximately **51% of total enrollment**.

The 2022 Horizon Public Health Community Health Assessment contains data from the Minnesota Student Survey. The following pages take a deeper look at those data sets.

Total state-wide participation of the 2022 MSS Survey



Online access to the MSS Data is available on the Minnesota Department of Education's [Data Reports and Analytics, MSS Report's page](#). This web report provides access to all state, county and district-level data and provides options for filtering the data in multiple ways.

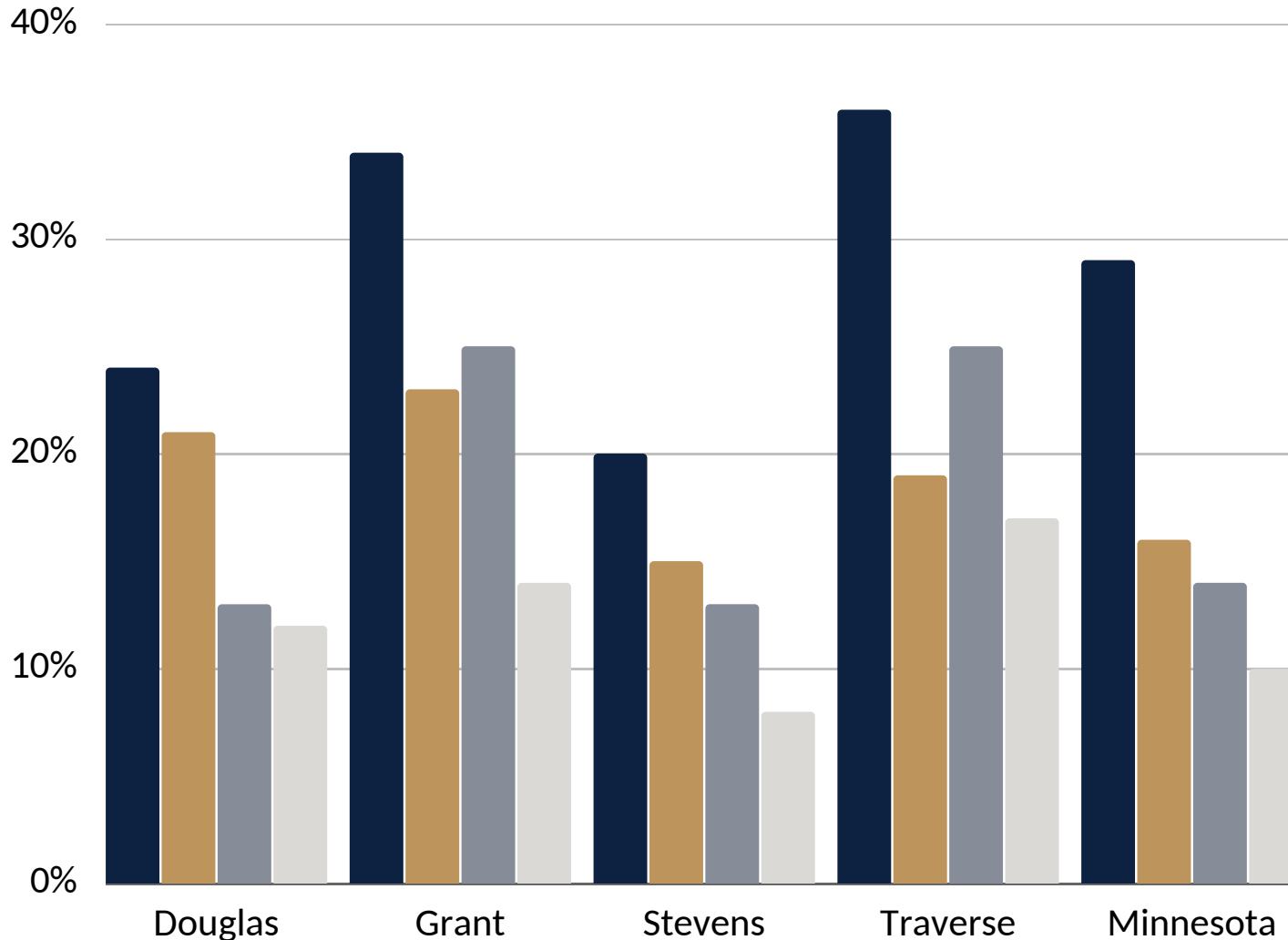
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2022 Minnesota Student Survey Results

Adverse Childhood Experiences Prevalence

- Living w/someone who is depressed or has a mental issue(s)
- Parent or guardian in/has been in jail
- Verbally abused by a parent or adult in the household
- Living w/someone who drinks too much alcohol



2022 MSS Top 4 ACEs in HPH Service Area:

1. Living w/someone who is depressed or has a mental issue(s)
2. Having a parent or guardian who is currently in jail, and/or has been in jail
3. Having been verbally abused by a parent or adult in the household
4. Living with someone who drinks too much alcohol

*2022 Pope County data is not available

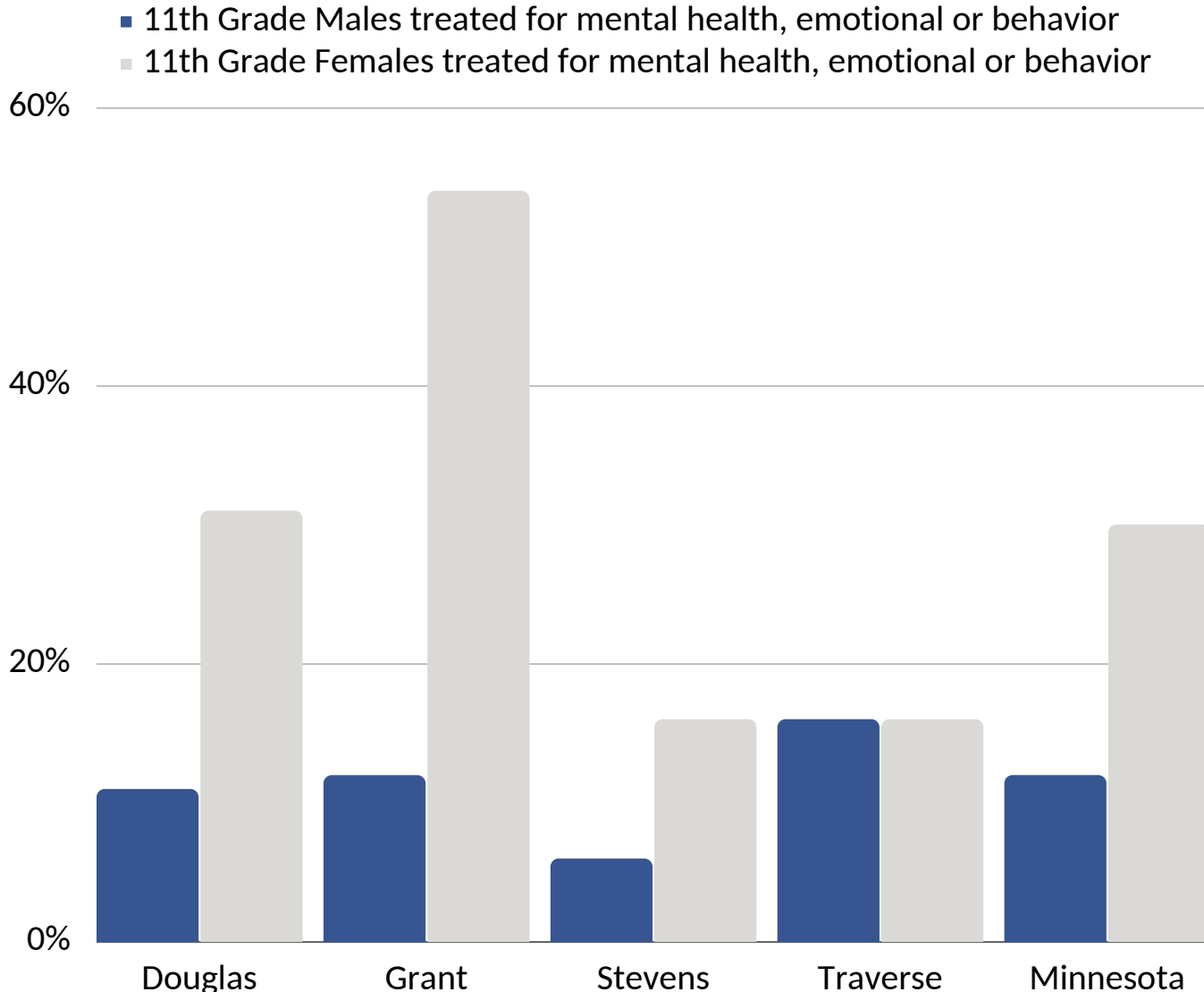
Minnesota Student Survey Results; 2022 compared to 2019

Adverse Childhood Experiences Prevalence

| | Douglas | Grant | Pope | Stevens | Traverse | Minnesota |
|--|--|--|--------------------------|--|---|--|
| <i>Living with someone who is depressed or has a mental issue(s)</i> | 2019 = 23% 2022 = 24% +1% | 2019 = 30% 2022 = 34% +4% | 2019 = 18% 2022 = n/a | 2019 = 28% 2022 = 20% -8% | 2019 = 28% 2022 = 36% +8% | 2019 = 26% 2022 = 29% +3% |
| <i>Having a parent or guardian who is currently in jail, and/or has been in jail</i> | 2019 = 17% 2022 = 21% +4% | 2019 = 17% 2022 = 23% +6% | 2019 = 19% 2022 = n/a | 2019 = 7% 2022 = 15% +8% | 2019 = 20% 2022 = 19% -1% | 2019 = 16% 2022 = 16% no change |
| <i>Having been verbally abused by a parent or adult in the household</i> | 2019 = 13% 2022 = 13% no change | 2019 = 17% 2022 = 25% +8% | 2019 = 13% 2022 = n/a | 2019 = 13% 2022 = 13% no change | 2019 = 15% 2022 = 25% +10% | 2019 = 15% 2022 = 14% -1% |
| <i>Living with someone who drinks too much alcohol</i> | 2019 = 11% 2022 = 12% +1% | 2019 = 10% 2022 = 14% +4% | 2019 = 11% 2022 = n/a | 2019 = 17% 2022 = 8% -9% | 2019 = 12% 2022 = 17% +5% | 2019 = 11% 2022 = 10% -1% |
| <i>Having been physically abused by a parent or adult in the household</i> | 2019 = 10% 2022 = 8% -2% | 2019 = 13% 2022 = 13% no change | 2019 = 10% 2022 = n/a | 2019 = 9% 2022 = 5% -4% | 2019 = 8% 2022 = 12% +8% | 2019 = 13% 2022 = 11% -2% |
| <i>Witnessing domestic abuse of parents or adults in household</i> | 2019 = 8% 2022 = 6% -2% | 2019 = 11% 2022 = 7% -4% | 2019 = 6% 2022 = n/a | 2019 = 4% 2022 = 4% no change | 2019 = 8% 2022 = 12% +4% | 2019 = 8% 2022 = 6% -2% |
| <i>Having been sexually abused by a family member and/or person outside the family</i> | 2019 = 5% 2022 = 3% -2% | 2019 = 9% 2022 = 6% -3% | 2019 = 5% 2022 = n/a | 2019 = 9% 2022 = 3% -6% | 2019 = 4% 2022 = 6% +2% | 2019 = 6% 2022 = 3% -3% |
| <i>Living with someone who uses illegal drugs or abuses Rx drugs</i> | 2019 = 4% 2022 = 3% -1% | 2019 = 6% 2022 = 3% -3% | 2019 = 4% 2022 = n/a | 2019 = 7% 2022 = 3% -4% | 2019 = 8% 2022 = 3% -5% | 2019 = 5% 2022 = 4% -1% |

2022 Minnesota Student Survey Results

Emotional Well-Being and Distress



Females in 8th, 9th, and 11th grade are **2 to 3 times more at risk** for:

- Reporting feeling down, depressed, or hopeless (more than 1 day) in the past 2 weeks
- Reporting they have long-term mental health, behavioral or emotional problems that lasted 6 months or more.

All HPH counties, there was a **decrease from 8th grade to 11th grade** in students reporting feeling good about myself.

*Traverse data is both male/female

*2022 Pope County data is not available

Minnesota Student Survey Results; 2022 compared to 2019

Emotional Well-Being and Distress

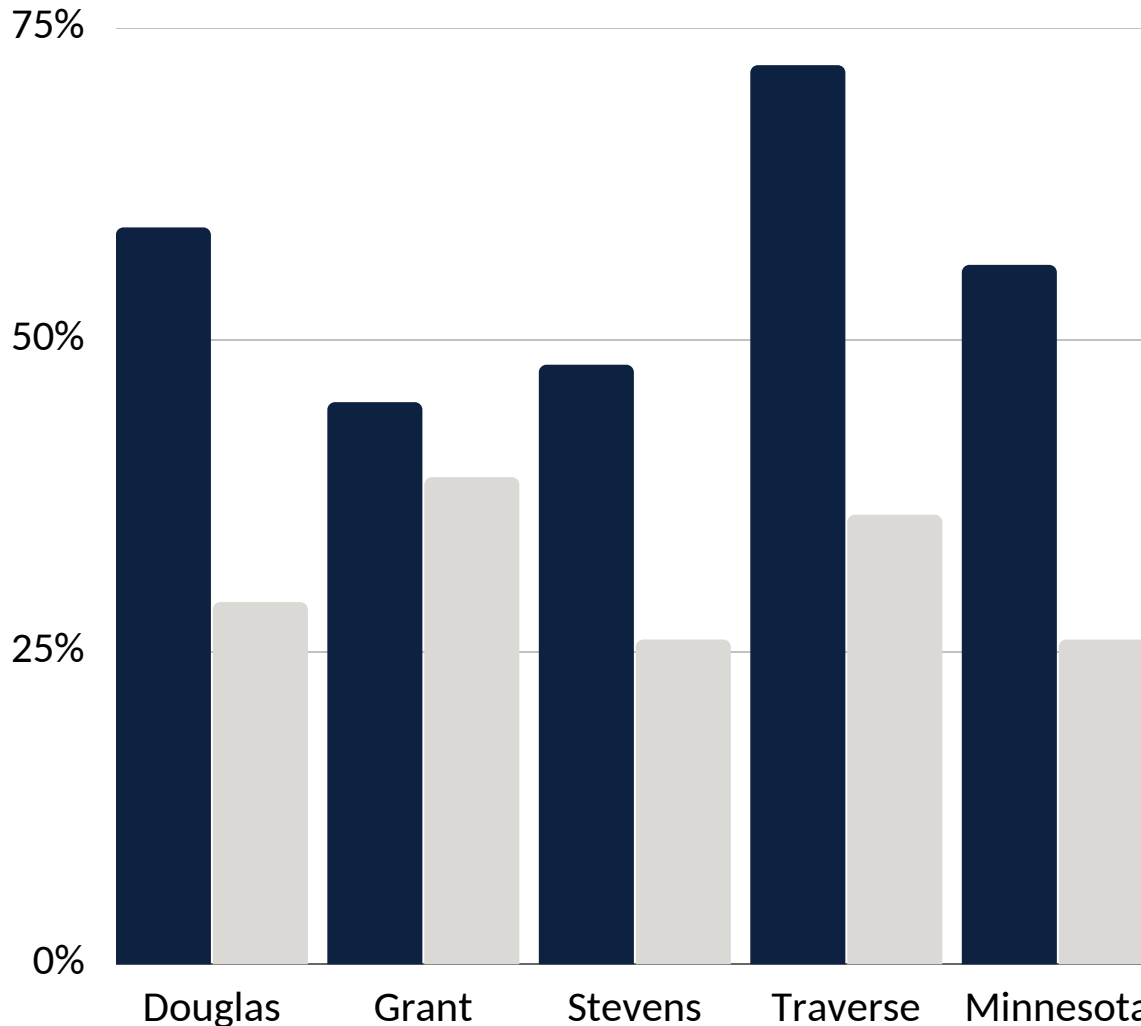
| | | Felt good about myself (Very, often, extremely or almost always) | | Over past 2 weeks, felt down, depressed, or hopeless (more than 1 day) | | Considered attempting suicide in last year | | Attempted suicide in last year | | Treated for a mental health, emotional or behavior in past year? | |
|-----------------|--------------------------------------|--|------|--|------|--|------|-----------------------------------|------|--|------|
| | | 2019 | 2022 | 2019 | 2022 | 2019 | 2022 | 2019 | 2022 | 2019 | 2022 |
| Douglas | <i>8th Grade Males</i> | 84% | 76% | 8% | 12% | 8% | 8% | 3% | 2% | 6% | 5% |
| | <i>8th Grade Females</i> | 69% | 48% | 16% | 24% | 13% | 20% | 4% | 6% | 9% | 18% |
| | <i>11th Grade Males</i> | 80% | 72% | 11% | 14% | 8% | 11% | 3% | 1% | 6% | 11% |
| | <i>11th Grade Females</i> | 55% | 39% | 22% | 28% | 14% | 20% | 3% | 8% | 22% | 31% |
| Grant | <i>8th Grade Males</i> | 75% | 70% | 8% | 10% | 8% | 7% | 3% | 3% | 3% | 11% |
| | <i>8th Grade Females</i> | 36% | 39% | 39% | 32% | 42% | 32% | 13% | 7% | 30% | 26% |
| | <i>11th Grade Males</i> | 65% | 73% | 13% | 14% | 21% | 9% | 0% | 9% | 24% | 12% |
| | <i>11th Grade Females</i> | 53% | 28% | 27% | 42% | 17% | 25% | 5% | 0% | 21% | 54% |
| Pope | <i>8th Grade Males</i> | 79% | n/a | 6% | n/a | 14% | n/a | 7% | n/a | 7% | n/a |
| | <i>8th Grade Females</i> | 75% | | 9% | | 11% | | 3% | | 12% | |
| | <i>11th Grade Males</i> | 77% | | 17% | | 6% | | 0% | | 6% | |
| | <i>11th Grade Females</i> | 49% | | 25% | | 11% | | 7% | | 14% | |
| Stevens | <i>8th Grade Males</i> | 57% 9 th grade | 84% | 19% 9 th grade | 4% | 14% 9 th grade | 4% | 0% 9 th grade | 2% | 25% 9 th grade | 6% |
| | <i>8th Grade Females</i> | | 71% | | 31% | | 29% | | 9% | | 20% |
| | <i>11th Grade Males</i> | | 74% | | 15% | | 6% | | 0% | | 6% |
| | <i>11th Grade Females</i> | | 74% | | 17% | | 13% | | 0% | | 16% |
| Traverse | <i>8th Grade</i> | 57% | 32% | 16% | 23% | 16% | 19% | 9% | 14% | 6% | 32% |
| | <i>11th Grade</i> | 43% | 56% | n/a | 16% | n/a | 12% | n/a | 4% | n/a | 16% |
| MN | <i>8th Grade Males</i> | 75% | 71% | 11% | 11% | 8% | 8% | 2% | 2% | 10% | 9% |
| | <i>8th Grade Females</i> | 53% | 41% | 12% | 27% | 18% | 21% | 6% | 6% | 15% | 20% |
| | <i>11th Grade Males</i> | 70% | 62% | 14% | 16% | 10% | 10% | 3% | 2% | 12% | 12% |
| | <i>11th Grade Females</i> | 48% | 39% | 24% | 30% | 16% | 19% | 4% | 4% | 24% | 30% |

2022 Minnesota Student Survey Results

Perception: Adults in the Community Care for Youth

Perception that Adults in the Community Care for Youth

- 5th Grade - Adults Care Quite a Bit/Very Much
- 11th Grade - Adults Care Quite a Bit/Very Much



Most youth feel they have an adult they can talk to about their problems. However, there is a decrease in reporting from 5th to 11th grade.

Douglas: 4% Decrease

Grant: 13% Decrease

Stevens: 4% Decrease

Traverse: 16% Decrease

On average, **80% of 9th & 11th graders know what programs are available in their community outside of the school day** across HPH counties.

Top 4 reasons not participating in activities:

1. Not interested
2. Too busy
3. My friends are not there
4. Transportation barriers

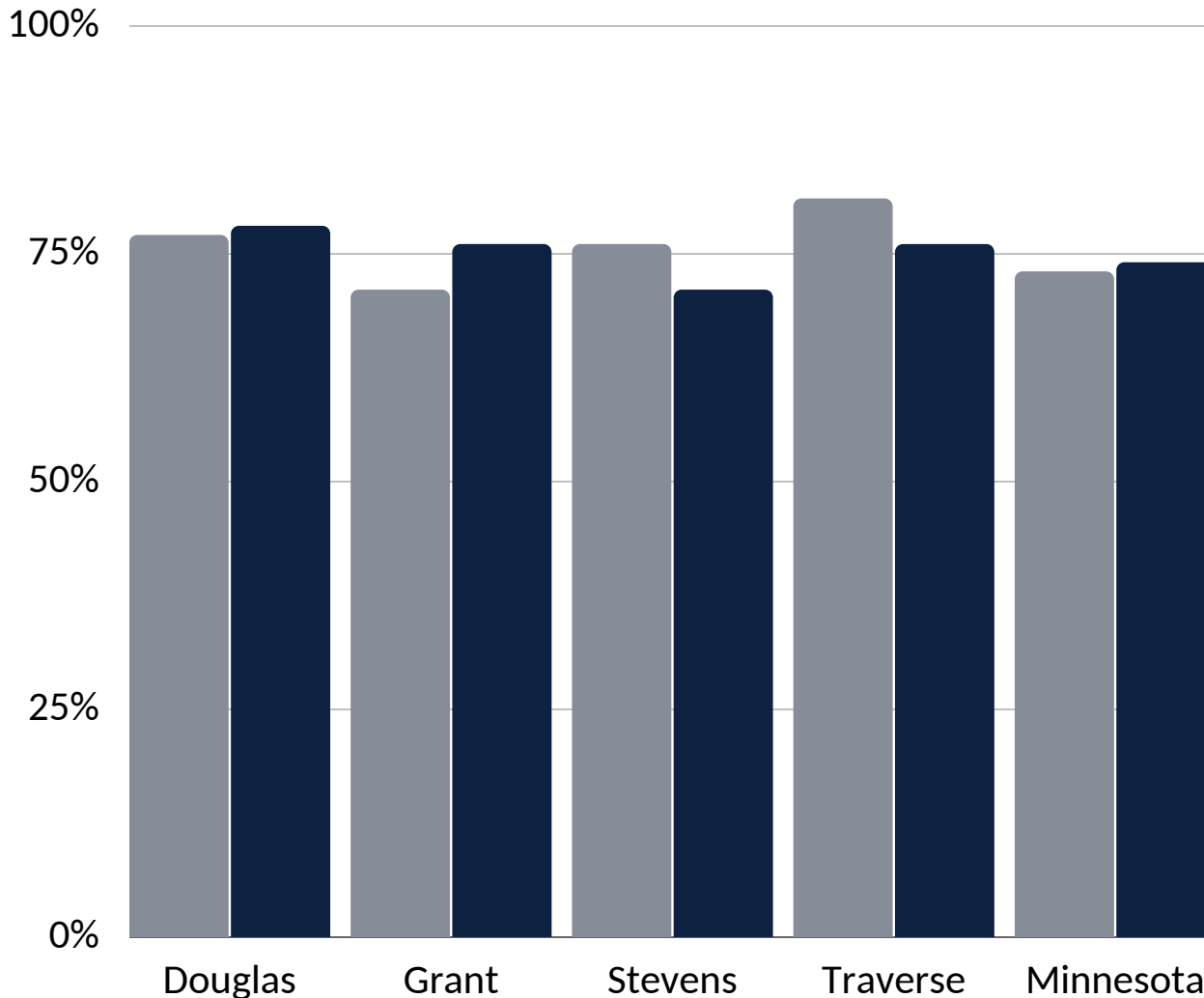
*2022 Pope County data is not available

| Minnesota Student Survey Results; 2022 compared to 2019 | | | | | | | |
|--|------------------------------|----------------------------|-------------|-----------------------|-------------|------------------------------|-------------|
| Perception: Adults in the Community Care for Youth | | | | | | | |
| | | Not at all/a little | | Some | | Quite a bit/very much | |
| | | 2019 | 2022 | 2019 | 2022 | 2019 | 2022 |
| Douglas | <i>5th Grade</i> | 13% | 18% | 23% | 24% | 63% | 59% |
| | <i>9th Grade</i> | 30% | 31% | 27% | 40% | 43% | 29% |
| | <i>11th Grade</i> | 29% | 35% | 27% | 36% | 44% | 29% |
| Grant | <i>5th Grade</i> | 17% | 21% | 25% | 34% | 58% | 45% |
| | <i>9th Grade</i> | 24% | 46% | 31% | 34% | 45% | 20% |
| | <i>11th Grade</i> | 28% | 28% | 28% | 33% | 44% | 39% |
| Pope | <i>5th Grade</i> | n/a | | n/a | | n/a | |
| | <i>9th Grade</i> | 27% | n/a | 27% | n/a | 46% | n/a |
| | <i>11th Grade</i> | 27% | | 27% | | 46% | |
| Stevens | <i>5th Grade</i> | 29% | 25% | | 27% | | 48% |
| | <i>9th Grade</i> | 9 th grade | 29% | 11% | 43% | 60% | 28% |
| | <i>11th Grade</i> | | 41% | 9 th grade | 33% | 9 th grade | 26% |
| Traverse | <i>5th Grade</i> | 33% | 10% | 22% | 18% | 45% | 72% |
| | <i>9th Grade</i> | 30% | 22% | 33% | 48% | 38% | 30% |
| | <i>11th Grade</i> | n/a | 24% | n/a | 40% | n/a | 36% |
| MN | <i>5th Grade</i> | 20% | 20% | 24% | 24% | 56% | 56% |
| | <i>9th Grade</i> | 32% | 38% | 30% | 32% | 38% | 30% |
| | <i>11th Grade</i> | 34% | 40% | 29% | 29% | 37% | 26% |

2022 Minnesota Student Survey Results

Physical Activity, Healthy Eating, and Weight Status (BMI)

- 9th Grade % Normal or underweight (BMI)
- 11th Grade % Normal or underweight (BMI)



Physical Activity:

- On average 9th & 11th graders reported being **LESS physically active by 10%** (5+ days/week) since 2019.

Nutrition:

- Douglas, Stevens and Traverse 9th & 11th graders reported eating **LESS fruits and vegetables since 2019**, while Grant reported an increase of 14%.
- On average 9th & 11th graders in all HPH counties reported an **increase of 4% since 2019** of eating fast food 1-3x/week.

*2022 Pope County data is not available

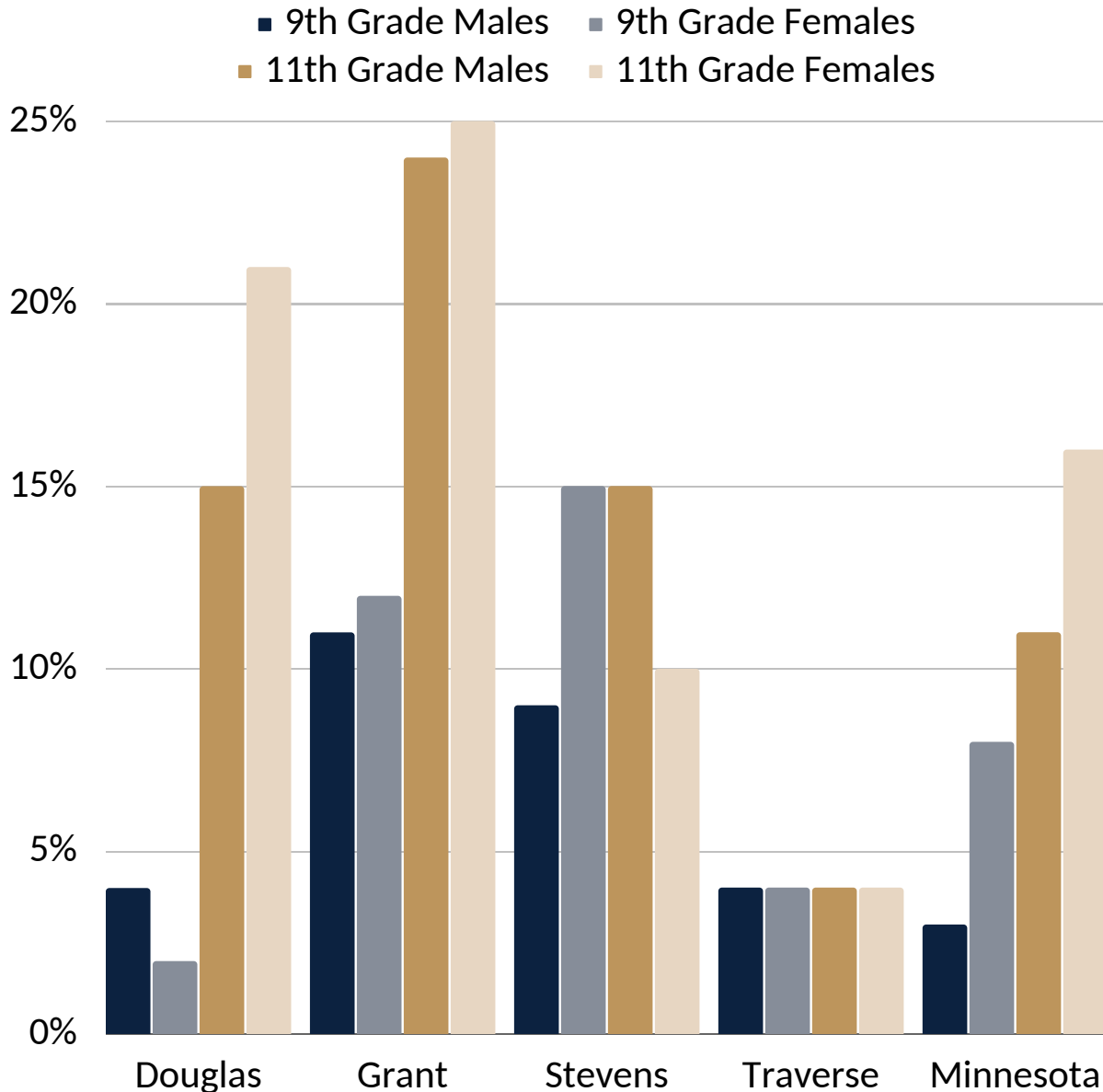
Minnesota Student Survey Results; 2022 compared to 2019

Physical Activity, Healthy Eating, and Weight Status (BMI)

| | | Physically Active 5+ days a week (for a total of 60+ min/day) | | Ate 5+ servings of fruit, fruit juice & veggies (past 7 days) | | Ate from fast food, including carryout (1-3x/week) | | % Normal or underweight (according to BMI) | |
|-----------------|------------------------------|--|------|---|------|--|------|--|------|
| | | 2019 | 2022 | 2019 | 2022 | 2019 | 2022 | 2019 | 2022 |
| Douglas | <i>9th Grade</i> | 52% | 49% | 15% | 17% | 66% | 63% | 72% | 77% |
| | <i>11th Grade</i> | 45% | 45% | 12% | 11% | 68% | 72% | 69% | 78% |
| Grant | <i>9th Grade</i> | 67% | 56% | 11% | 8% | 58% | 65% | 64% | 71% |
| | <i>11th Grade</i> | 72% | 46% | 20% | 20% | 65% | 72% | 73% | 76% |
| Pope | <i>9th Grade</i> | 61% | n/a | 20% | n/a | 43% | n/a | 81% | n/a |
| | <i>11th Grade</i> | 69% | | 11% | | 55% | | 72% | |
| Stevens | <i>9th Grade</i> | 82% | 52% | 14% | 26% | 61% | 66% | 73% | 76% |
| | <i>11th Grade</i> | n/a | 45% | n/a | 11% | n/a | 69% | n/a | 71% |
| Traverse | <i>9th Grade</i> | 42% | 80% | 10% | 8% | 57% | 71% | 73% | 81% |
| | <i>11th Grade</i> | 58% | 60% | n/a | 4% | n/a | 88% | n/a | 76% |
| MN | <i>9th Grade</i> | 52% | 51% | 15% | 14% | 62% | 68% | 76% | 73% |
| | <i>11th Grade</i> | 41% | 43% | 13% | 11% | 66% | 69% | 74% | 74% |

2022 Minnesota Student Survey Results

Electronic Cigarette & Tobacco Use during past 30 days



Cigarette Use:

On average, 9th & 11th graders reported **LESS Cigarette use** since 2019. The MN average use for 9th & 11th graders is below 3%.

E-Cigarette & Flavored Products:

Overall use continues to **decrease** since 2019, however 11th graders in the HPH service area are reporting over **15% have used in the past 30 days.**

If vaped in the past 30 days, students reporting using a a flavored e-cig:

- Douglas 78%
- Grant 90%
- Stevens 84%
- Traverse 100%
- MN 88%

*2022 Pope County data is not available

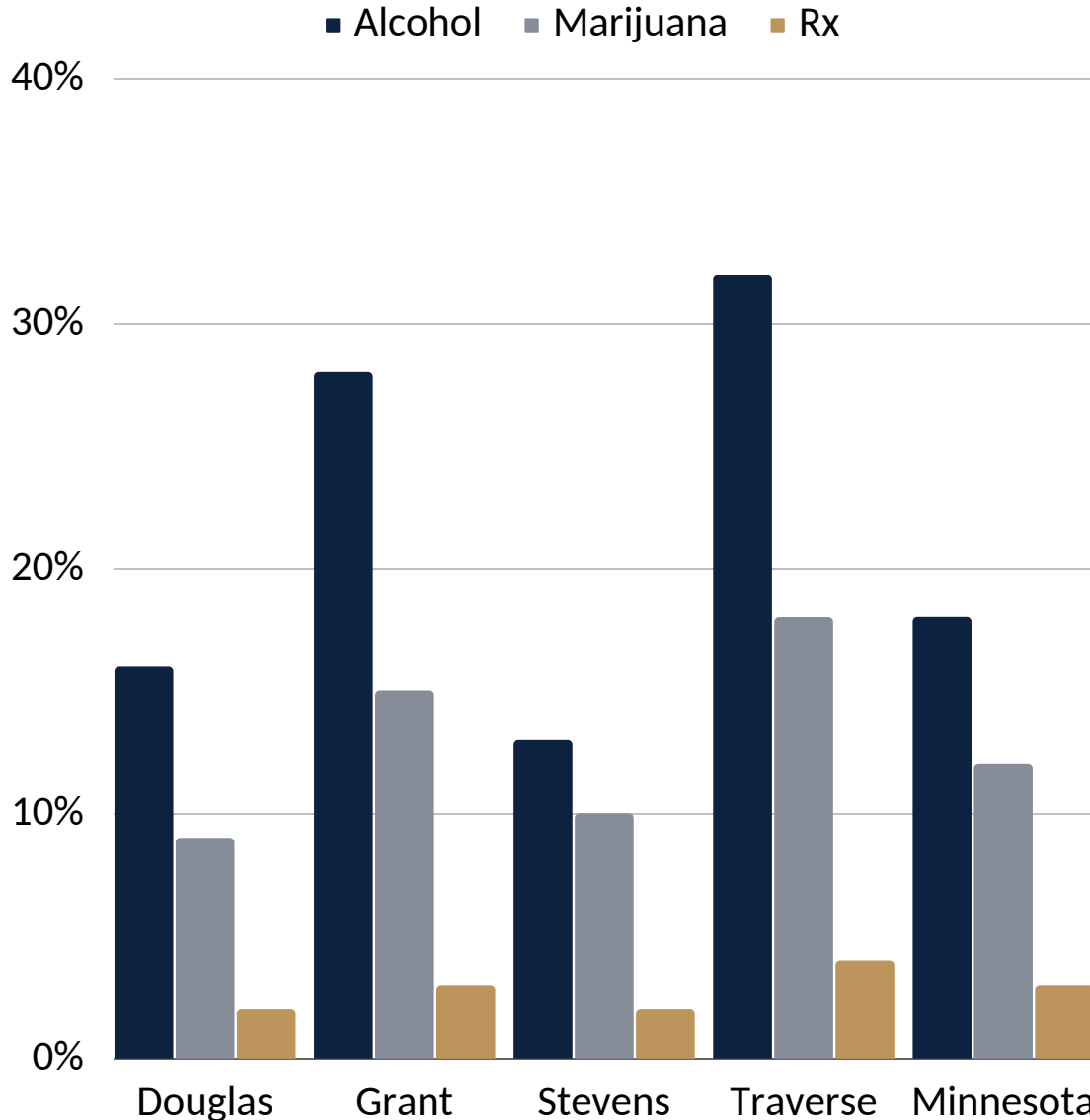
Minnesota Student Survey Results; 2022 compared to 2019
Electronic Cigarette & Tobacco Use during past 30 days

| | | Cigarette | | Cigar/Pipe/Other | | Smokeless | | E-Cigarette | |
|-----------------|--------------------------------------|-----------------------|------|-----------------------|------|-----------------------|------|-----------------------|------|
| | | 2019 | 2022 | 2019 | 2022 | 2019 | 2022 | 2019 | 2022 |
| Douglas | <i>8th Grade Males</i> | 2% | 1% | 1% | 0% | 3% | 3% | 8% | 4% |
| | <i>8th Grade Females</i> | 1% | 0% | 1% | 1% | 1% | 1% | 11% | 2% |
| | <i>11th Grade Males</i> | 10% | 6% | 8% | 2% | 13% | 2% | 34% | 15% |
| | <i>11th Grade Females</i> | 5% | 4% | 3% | 1% | 1% | 1% | 28% | 21% |
| Grant | <i>8th Grade Males</i> | 5% | 7% | 0% | 4% | 0% | 0% | 24% | 11% |
| | <i>8th Grade Females</i> | 8% | 0% | 0% | 3% | 0% | 0% | 18% | 12% |
| | <i>11th Grade Males</i> | 28% | 14% | 7% | 9% | 21% | 5% | 34% | 24% |
| | <i>11th Grade Females</i> | 3% | 10% | 3% | 0% | 0% | 0% | 24% | 25% |
| Pope | <i>8th Grade Males</i> | 7% | n/a | 0% | n/a | 3% | n/a | 7% | n/a |
| | <i>8th Grade Females</i> | 6% | n/a | 0% | n/a | 0% | n/a | 6% | n/a |
| | <i>11th Grade Males</i> | 9% | n/a | 9% | n/a | 9% | n/a | 24% | n/a |
| | <i>11th Grade Females</i> | 0% | n/a | 0% | n/a | 0% | n/a | 21% | n/a |
| Stevens | <i>9th Grade Males</i> | | 6% | | 0% | | 3% | | 9% |
| | <i>9th Grade Females</i> | 4% | 3% | 0% | 3% | 7% | 6% | 39% | 15% |
| | <i>11th Grade Males</i> | 9 th Grade | 3% | 9 th grade | 6% | 9 th grade | 0% | 9 th grade | 15% |
| | <i>11th Grade Females</i> | | 3% | | 0% | | 0% | | 10% |
| Traverse | <i>8th Grade</i> | 3% | 0% | 3% | 0% | 6% | 0% | 32% | 0% |
| | <i>9th Grade</i> | 4% | 0% | 0% | 0% | 0% | 0% | 18% | 4% |
| | <i>11th Grade</i> | n/a | 4% | n/a | 0% | n/a | 0% | n/a | 4% |
| MN | <i>8th Grade Males</i> | 2% | 1% | 2% | 1% | 2% | 1% | 10% | 3% |
| | <i>8th Grade Females</i> | 2% | 1% | 1% | 1% | 1% | 0% | 12% | 8% |
| | <i>11th Grade Males</i> | 6% | 3% | 5% | 3% | 5% | 2% | 24% | 11% |
| | <i>11th Grade Females</i> | 5% | 3% | 2% | 1% | 1% | 0% | 26% | 16% |

2022 Minnesota Student Survey Results

Alcohol, Marijuana, Rx Drugs (not prescribed to you) Use during past 30 days

11th Grade use during past 30 days



*2022 Pope County data is not available

Access to Alcohol:

When using alcohol, 11th graders reporting getting alcohol from:

1. Parents
2. Took from my home
3. Friends
4. Parties
5. Other family member

Perceived Risk of Marijuana Use:

On average, 11th Graders perceived there to be **NO RISK** using marijuana once or twice per week:

- Douglas: 34%
- Grant: 27%
- Stevens: 41%
- Traverse: 64%
- MN: 33%

Minnesota Student Survey Results; 2022 compared to 2019
Alcohol, Marijuana, Rx Drugs (not prescribed to you) use during past 30 days

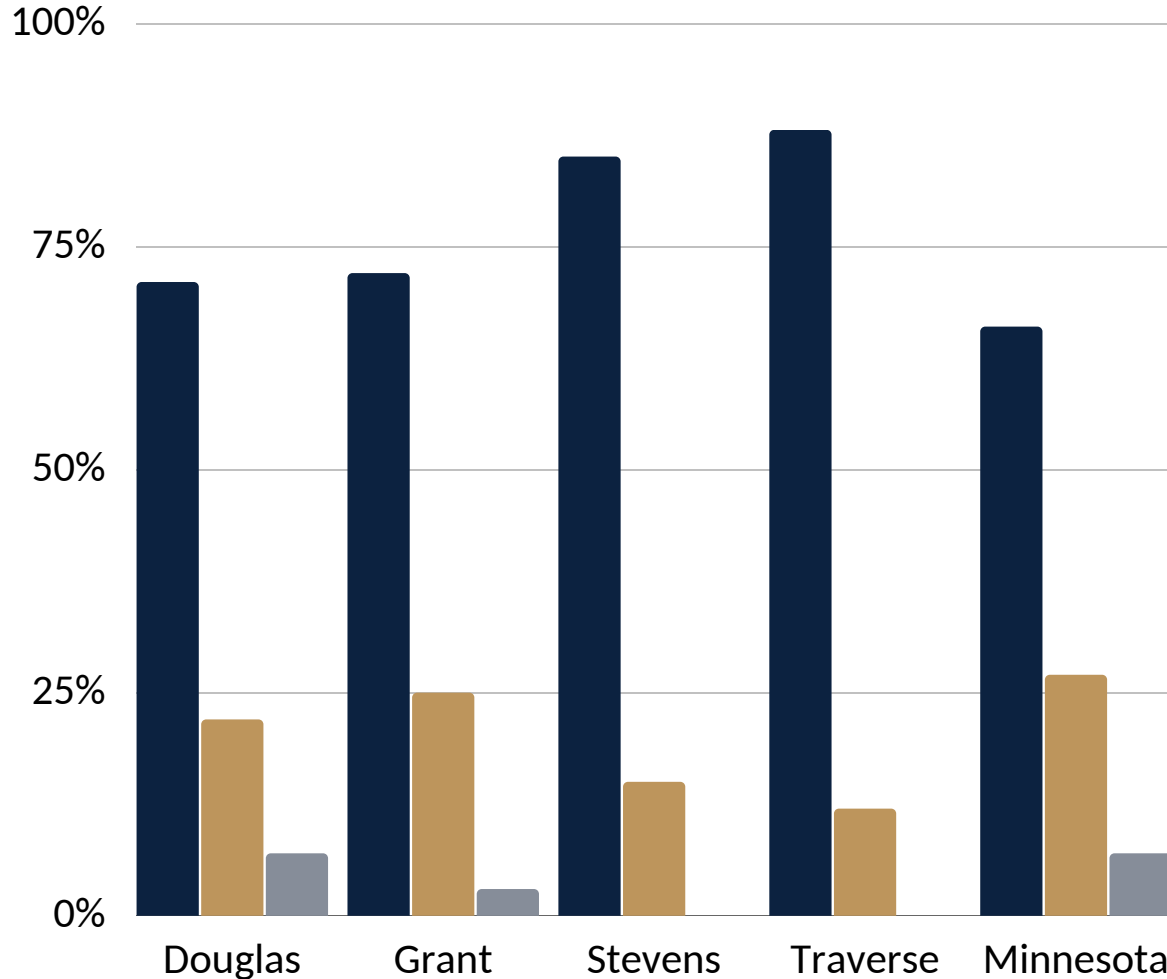
| | | Alcohol | | Marijuana | | Rx | | Treated for alcohol or drug problem? | |
|-----------------|--------------------------------|------------------------------|------|------------------------------|------|-----------------------------|------|--------------------------------------|------|
| | | 2019 | 2022 | 2019 | 2022 | 2019 | 2022 | 2019 | 2022 |
| Douglas | 9 th Grade Males | 12% | 9% | 7% | 10% | 1% | 3% | 7% | 3% |
| | 9 th Grade Females | 18% | 12% | 4% | 5% | 3% | 4% | 1% | 3% |
| | 11 th Grade Males | 32% | 18% | 17% | 5% | 5% | 0% | 3% | 3% |
| | 11 th Grade Females | 28% | 14% | 11% | 12% | 6% | 2% | 2% | 1% |
| Grant | 9 th Grade Males | 6% | 11% | 0% | 0% | 0% | 8% | 0% | 6% |
| | 9 th Grade Females | 20% | 5% | 7% | 3% | 7% | 3% | 3% | 0% |
| | 11 th Grade Males | 31% | 36% | 17% | 14% | 3% | 5% | 11% | 8% |
| | 11 th Grade Females | 16% | 20% | 5% | 15% | 3% | 0% | 3% | 0% |
| Pope | 9 th Grade Males | 8% | n/a | 6% | n/a | 6% | n/a | 3% | n/a |
| | 9 th Grade Females | 17% | | 0% | | 3% | | 0% | |
| | 11 th Grade Males | 17% | | 15% | | 3% | | 0% | |
| | 11 th Grade Females | 15% | | 0% | | 0% | | 0% | |
| Stevens | 9 th Grade Males | 29% 9 th grade | 12% | 4% 9 th grade | 3% | 4% 9 th grade | 3% | 0% 9 th grade | 0% |
| | 9 th Grade Females | | 14% | | 8% | | 3% | | 3% |
| | 11 th Grade Males | | 12% | | 9% | | 3% | | 3% |
| | 11 th Grade Females | | 13% | | 10% | | 0% | | 0% |
| Traverse | 9 th Grade | 19% 9 th grade | 17% | 15% 9 th grade | 0% | 4% 9 th grade | 4% | 3% 9 th grade | 0% |
| | 11 th Grade | | 32% | | 18% | | 4% | | 0% |
| MN | 9 th Grade Males | 10% | 6% | 7% | 4% | 3% | 2% | 3% | 2% |
| | 9 th Grade Females | 13% | 9% | 8% | 5% | 4% | 3% | 1% | 2% |
| | 11 th Grade Males | 21% | 16% | 16% | 11% | 3% | 3% | 3% | 2% |
| | 11 th Grade Females | 24% | 19% | 15% | 13% | 4% | 3% | 2% | 2% |

2022 Minnesota Student Survey Results

Oral Health

5th Graders who had ONE or MORE dental problems; Have you had treated by a dentist?

- Yes
- No, but I will see a dentist
- No, I am not able to get treatment



Percent of 5th Graders who have NEVER seen a dentist:

- Douglas: 3%
- Grant: 3%
- Stevens: 9%
- Traverse: 5%
- Minnesota: 5%

Percent of 5th Graders who have NOT had any dental health problems:

- Douglas: 71%
- Grant: 53%
- Stevens: 60%
- Traverse: 52%
- Minnesota: 64%

*2022 Pope County data is not available

**Minnesota Student Survey Results;
2022 compared to 2019
Dental Checkup Visits in the past 12 months**

| | | <i>2019</i> | <i>2022</i> |
|-----------------|------------------------------|-------------|-------------|
| Douglas | <i>5th Grade</i> | 89% | 83% |
| | <i>9th Grade</i> | 85% | 81% |
| | <i>11th Grade</i> | 76% | 82% |
| Grant | <i>5th Grade</i> | 87% | 78% |
| | <i>9th Grade</i> | 88% | 85% |
| | <i>11th Grade</i> | 77% | 79% |
| Pope | <i>5th Grade</i> | 90% | n/a |
| | <i>9th Grade</i> | 92% | |
| | <i>11th Grade</i> | 88% | |
| Stevens | <i>5th Grade</i> | n/a | 72% |
| | <i>9th Grade</i> | 89% | 79% |
| | <i>11th Grade</i> | n/a | 78% |
| Traverse | <i>5th Grade</i> | 77% | 75% |
| | <i>9th Grade</i> | 97% | 96% |
| | <i>11th Grade</i> | n/a | 88% |
| MN | <i>5th Grade</i> | 83% | 89% |
| | <i>9th Grade</i> | 84% | 85% |
| | <i>11th Grade</i> | 82% | 76% |



HORIZON



Public Health
Prevent. Promote. Protect.



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