



STUDENT VAPING TRENDS IN WISCONSIN

April 2021

DEMOGRAPHICS

260,000 High School (HS) Students
188,000 Middle School (MS) Students

OVERALL

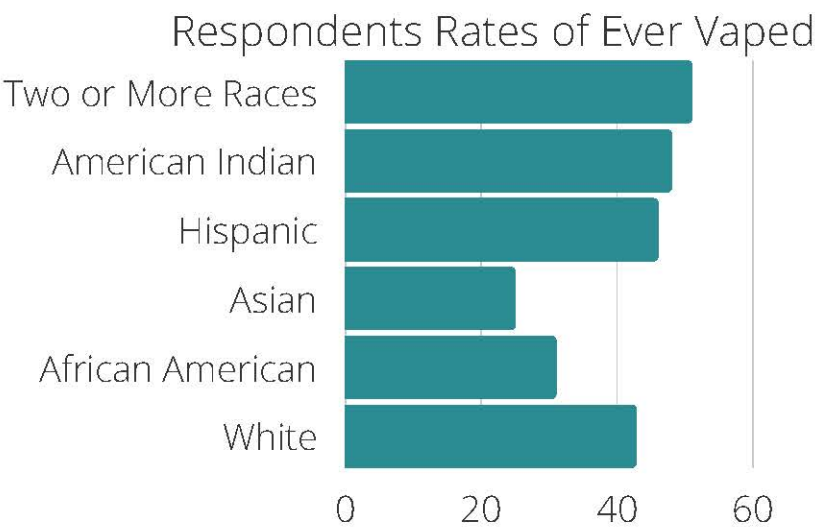
No real difference was reported in vaping use between males and females in High School or Middle School



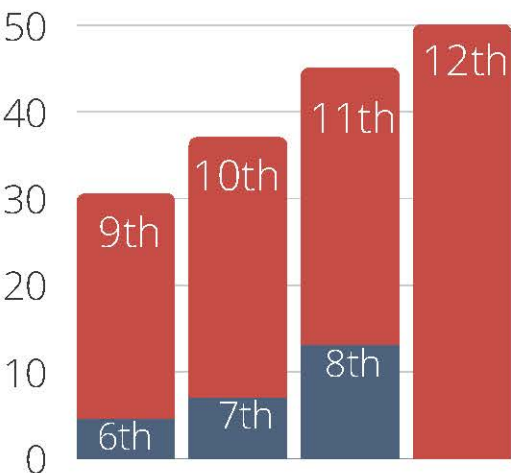
16% of HS Students and 9% of MS Students reported they vaped in the last 30 days.

RACE & ETHNICITY

The lowest rates of students who ever vaped were found in students who identify as Asian and African American.



GRADE LEVEL



HIGH SCHOOL - Steady increase as students get older from just over 30% in 9th grade to over 50% by 12th grade

MIDDLE SCHOOL - Steady increase as students get older from about 4.5% in 6th grade to almost 13% by 8th grade

LOCALE



HIGH SCHOOL
Rural and Suburban school districts had nearly the same rate of ever vaping (44%) while urban districts had somewhat lower rates (38%)

MIDDLE SCHOOL
Rural school districts had a slightly higher rate of ever vaping (9.3% vs 8.4%)



The lowest rate of vaping in HS and MS occurred in the southwest corner of Wisconsin

DATA FROM THE WISCONSIN YOUTH RISK BEHAVIOR SURVEY CONDUCTED IN SPRING 2019

<https://dpi.wi.gov/sspw/yrbs>



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STUDENT VAPING TRENDS IN WISCONSIN

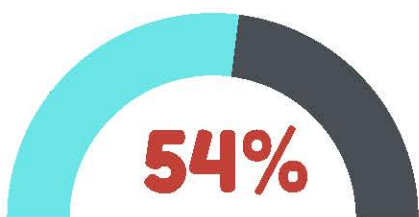
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SCHOOL FACTORS

260,000 High School (HS) Students

BULLYING

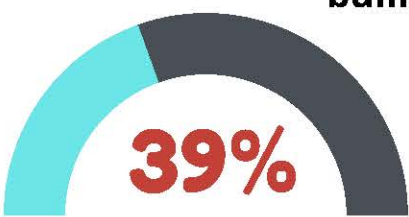
HS students that have not been bullied at school are less likely to vape than their peers who have been bullied at school



of HS students who ever vaped reported being bullied at school

24%

Vaped in last 30 days



of HS students who ever vaped reported NOT being bullied at school

14%

Vaped in last 30 days



of HS students responding did not indicate if they had been bullied at school or not

24%

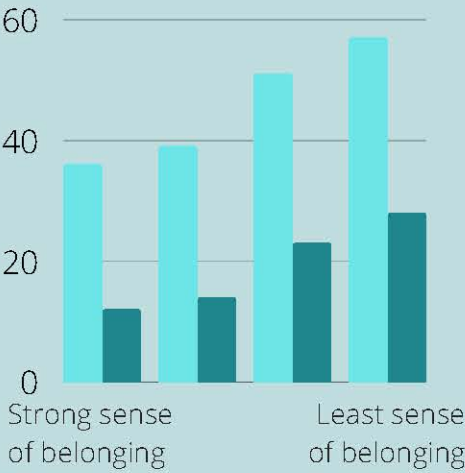
Did not respond if they had vaped in the last 30 days

SENSE OF BELONGING

Those who reported the strongest sense of belonging at school had the lowest rates of ever vaping (36%). Those with the least connection to school were most likely to vape in their lifetime (59%).

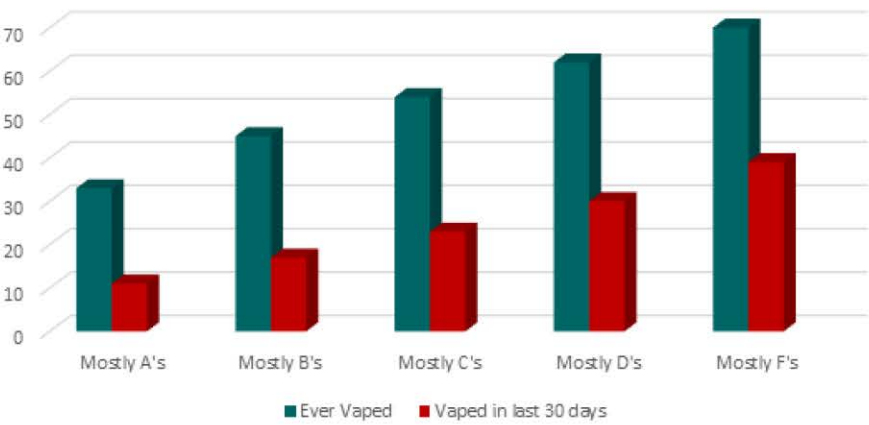
Sense of Belonging at School

Ever vaped Vaped in last 30 days



SELF-REPORTED GRADES

Vaping Patterns
Self-reported High School Respondents



There was a very strong correlation between self-reported grades and rates of ever vaped. Those who reported mostly A's had the lowest rates (33%) while those reported mostly F's had the highest rates (70%).

EXTRACURRICULARS

A mild correlation existed between participating in extracurriculars and rates of ever vaped.

47%



Those who did not participate in any extracurriculars had higher rates.

40%



Those who did participate had lower rates.

60 Minutes Make A Difference



HS students that participated in as little as 1 hour of extracurricular activities were less likely to vape than their peers who participated in less than 1 hour of extracurricular activities.

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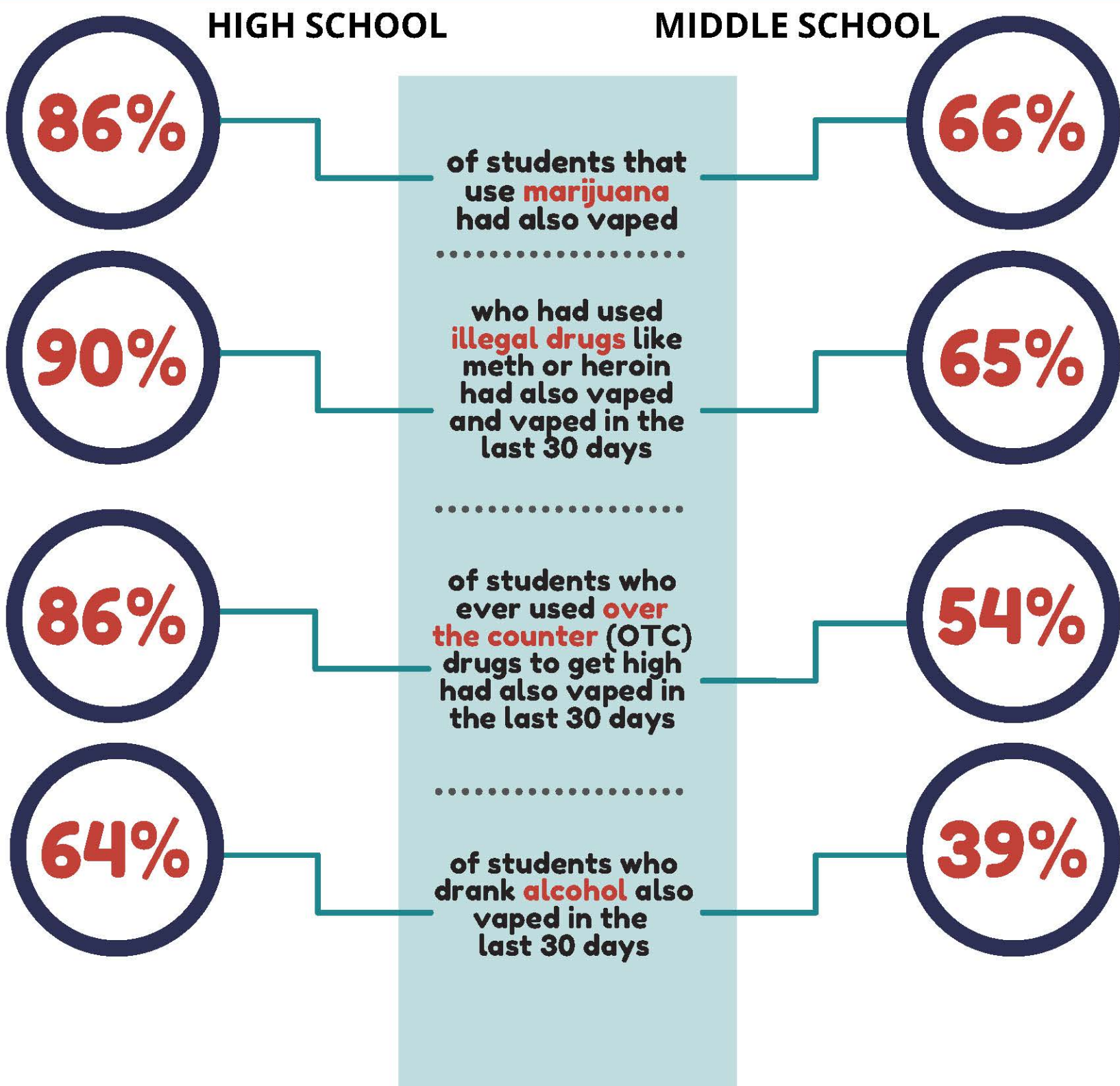
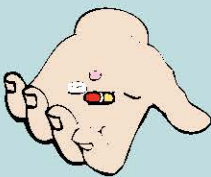
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ENVIRONMENTAL FACTORS

260,000 High School (HS) Students
188,000 Middle School (MS) Students

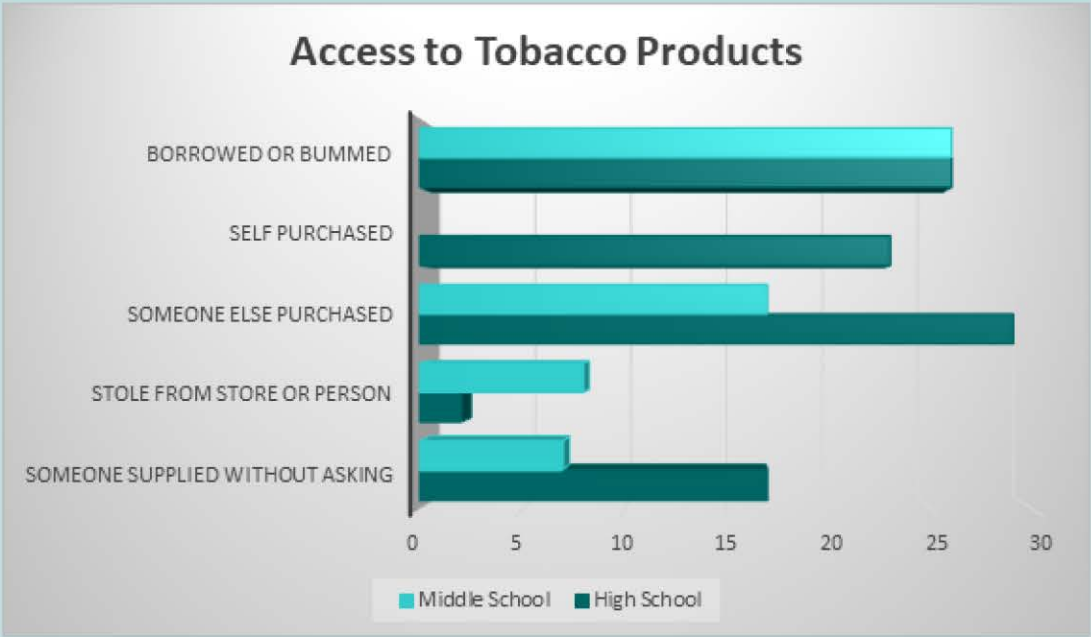
RISK BEHAVIORS

Use of alcohol or drugs increases the likelihood of vaping among high school and middle school students



ACCESS

There are a variety of ways for high school and middle school youth to access tobacco products.



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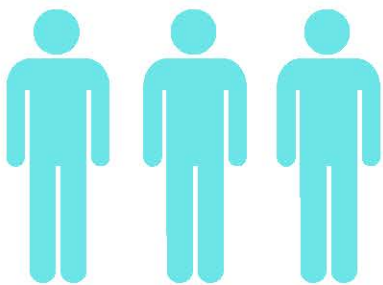
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HEALTH FACTORS

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SUPPORTIVE ADULTS

HS who were least likely to vape were those that had 3 or more supportive adults in their life



MS students who had 3 or more supportive adults in their life were least likely to vape; half the rate of those that did not have any supportive adults (6%)

For MS students, the highest vaping user group was students without any supportive adults present in their life; 12% had vaped and the same percent had vaped in the last 30 days

12%

MENTAL HEALTH



MENTAL HEALTH INDICATORS

■ Middle School ■ High School



52% of HS youth who reported significant anxiety also reported vaping at least once; 21% had in the last 30 days

59% of HS youth who felt sad and hopeless every day had also vaped at least once in their life; 26% in the last 30 days

60% of HS youth who reported self harm also had vaped; 30% of them in the last 30 days

12% of MS students with significant anxiety had vaped in their life; 12% in the last 30 days

17% of MS students who felt sad or hopeless almost every day vaped; 17% in the last 30 days

21% of MS who reported self-harm also vaped; 21% in the last 30 days



50% of high school youth that reported mental health indicators like self-harm, anxiety, or depression have also vaped; 31% have vaped in the last 30 days

FOOD SECURITY



Middle school and high school students who experienced hunger some or most of the time were more likely to vape than those that never experienced food insecurity

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