

2021 Montana Youth Risk Behavior Survey



Tobacco Report

Health Risk Behaviors of
Students Who Currently Use
Tobacco Products



Youth Risk Behavior Survey Program
Coordinated School Health Unit
December 2021

2021 Montana Youth Risk Behavior Survey – Tobacco Report

Montana Youth Risk Behavior Survey

The Montana Youth Risk Behavior Survey (YRBS) is administered by the Montana Office of Public Instruction every two years to students in grades 7 through 12. The purpose of the survey is to help monitor the prevalence of behaviors that not only influence youth health, but also put youth at risk for the most significant health and social problems that can occur during adolescence. While all schools in Montana can participate in the survey on a volunteer basis, approximately 50 high schools are randomly selected to be included to provide the Montana statewide data to be used in other national YRBS reports.

The 2021 YRBS was conducted in February-March 2021. Schools administering the survey were provided with detailed written instructions on conducting a random survey in their schools. To encourage accurate responses to sensitive questions, a strict protocol was implemented to protect the privacy and confidentiality of all participating students. The questionnaire was designed without skip patterns to ensure survey completion by students in a similar period of time.

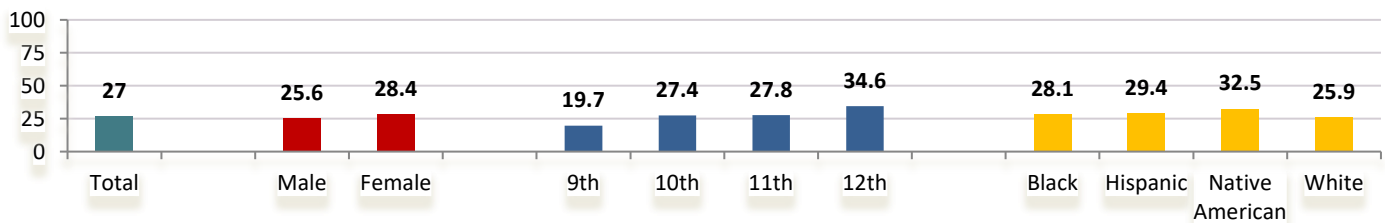
Survey Validity and Report Analysis

Data used in this report from the 2021 YRBS are based on a random sample survey of Montana high school students. The weighted data results contained in this report can be used to make inferences about the priority health-risk behaviors of all high school students in grades 9 through 12 in all schools in Montana.

For this report, “students who currently use tobacco products” are those students who currently smoked cigarettes or cigars or used smokeless tobacco or electronic vapor products. Fifty-six separate risk behaviors were queried for association with current tobacco product use. These findings are presented in narrative, table, and graph forms in the following report.

TOBACCO PRODUCT USE

During the past 30 days, 27.0 percent of students had smoked cigarettes or cigars or used smokeless tobacco or electronic vapor products.



For more on the Montana YRBS go to www.opi.mt.gov/yrbs.

2021 Montana Youth Risk Behavior Survey – Tobacco Report

Findings – *More Likely*

Montana high school students who currently use tobacco products are *more likely* than students who do not currently use tobacco products to have:

- Not always worn a seat belt when riding in a car driven by someone else (66% of tobacco users compared to 37% of non-tobacco users).
- Never or rarely wore a seat belt when driving a vehicle (14% of tobacco users compared to 3% of non-tobacco users).
- Rode with a driver who had been drinking alcohol during the past 30 days (38% of tobacco users compared to 14% of non-tobacco users).
- Driven a car or other vehicle when they had been drinking alcohol during the past 30 days (20% of tobacco users compared to 1% of non-tobacco users).
- Texted or e-mailed while driving during the past 30 days (77% of tobacco users compared to 47% of non-tobacco users).
- Used the Internet or apps on their cell phone while driving during the past 30 days (68% of tobacco users compared to 42% of non-tobacco users).
- Carried a weapon such as a gun, knife, or club on school property during the past 30 days (14% of tobacco users compared to 6% of non-tobacco users).
- Not gone to school because they felt unsafe at school or on their way to or from school during the past 30 days (9% of tobacco users compared to 5% of non-tobacco users).
- Been threatened or injured with a weapon on school property during the past 12 months (9% of tobacco users compared to 4% of non-tobacco users).
- Ever been physically forced to have sexual intercourse when they did not want to (20% of tobacco users compared to 7% of non-tobacco users).
- Experienced sexual dating violence during the past 12 months (13% of tobacco users compared to 5% of non-tobacco users).
- Been bullied on school property during the past 12 months (21% of tobacco users compared to 13% of non-tobacco users).
- Been electronically bullied (texting, Instagram, Facebook, or other social media) during the past 12 months (26% of tobacco users compared to 12% of non-tobacco users).
- Been the victim of teasing or name calling because someone thought they were gay, lesbian, or bisexual during the past 12 months (18% of tobacco users compared to 12% of non-tobacco users).
- Felt so sad or hopeless almost every day for 2 or more weeks in a row that they stopped doing usual activities, during the past 12 months (59% of tobacco users compared to 34% of non-tobacco users).
- Made a plan about how they would attempt suicide during the past 12 months (30% of tobacco users compared to 13% of non-tobacco users).
- Attempted suicide during the past 12 months (21% of tobacco users compared to 6% of non-tobacco users).
- Ever tried cigarette smoking (64% of tobacco users compared to 12% of non-tobacco users).
- Ever used electronic vapor products (98% of tobacco users compared to 25% of non-tobacco users).
- Had a drink of alcohol during the past 30 days (72% of tobacco users compared to 15% of non-tobacco users).
- Had 4 or more drinks of alcohol, if female, 5 or more drinks, if male, within a couple hours during the past 30 days (48% of tobacco users compared to 5% of non-tobacco users).

2021 Montana Youth Risk Behavior Survey – Tobacco Report

Findings – *More Likely*

Montana high school students who currently use tobacco products are *more likely* than students who do not currently use tobacco products to have:

- Ever used marijuana in their lifetime (82% of tobacco users compared to 18% of non-tobacco users).
- Used marijuana during the past 30 days (55% of tobacco users compared to 5% of non-tobacco users).
- Ever took prescription pain medication without a doctor’s prescription or differently than how a doctor told them to use it (such as codeine, Vicodin, OxyContin, Hydrocodone, and Percocet) (23% of tobacco users compared to 7% of non-tobacco users).
- Ever used methamphetamines in their lifetime (4% of tobacco users compared to 1% of non-tobacco users).
- Ever used ecstasy in their lifetime (12% of tobacco users compared to 1% of non-tobacco users).
- Ever had sexual intercourse in their lifetime (75% of tobacco users compared to 27% of non-tobacco users).
- Had sexual intercourse with four or more persons during their life (26% of tobacco users compared to 4% of non-tobacco users).
- Have had sexual intercourse during the past 3 months (57% of tobacco users compared to 19% of non-tobacco users).
- Drank alcohol or used drugs before last sexual intercourse (27% of tobacco users compared to 6% of non-tobacco users).
- Tried to lose weight (49% of tobacco users compared to 38% of non-tobacco users).
- Drank a can, bottle, or glass of soda or pop daily during the past 7 days (15% of tobacco users compared to 11% of non-tobacco users).
- Not drank milk (31% of tobacco users compared to 24% of non-tobacco users).
- Not eaten breakfast during the past 7 days (23% of tobacco users compared to 14% of non-tobacco users).
- Spent 3 or more hours per day on screen time (TV, computer, smart phone, or other electronic device watching shows or videos, playing games, accessing the Internet, or using social media, *not counting time doing schoolwork*) on an average school day (77% of tobacco users compared to 72% of non-tobacco users).
- Missed one or more days of school because of asthma during the past 30 days (14% of tobacco users compared to 7% of non-tobacco users).
- Experienced homelessness during the past 30 days (5% of tobacco users compared to 2% of non-tobacco users).
- Slept away from their parents or guardians because they were kicked out, ran away, or were abandoned, during the past 30 days (7% of tobacco users compared to 2% of non-tobacco users).
- Received help from a resource teacher, speech therapist, or other special education teacher during the past 12 months (16% of tobacco users compared to 13% of non-tobacco users).



















2021 Montana Youth Risk Behavior Survey – Tobacco Report

Findings – *Less Likely*

Montana high school students who currently use tobacco products are *less likely* than students who do not currently use tobacco products to have:















- Used a condom during last sexual intercourse (43% of tobacco users compared to 62% of non-tobacco users).
- Been physically active for at least 60 minutes per day on 5 or more of the past 7 days (46% of tobacco users compared to 55% of non-tobacco users).
- Got 8 or more hours of sleep on an average school night (21% of tobacco users compared to 32% of non-tobacco users).
- Made mostly A's or B's in school during the past 12 months (63% of tobacco users compared to 79% of non-tobacco users).

2021 Montana Youth Risk Behavior Survey – Tobacco Report

Health Risk Behavior by percentage of students	Currently Use a Tobacco Product	Do Not Currently Use a Tobacco Product	Statistical Difference
Did not always wear a seat belt when riding in a car driven by someone else	66.4% (62.6-70.1)	36.8% (34.1-39.4)	
Never or rarely wore a seat belt when driving	14.2% (11.5-16.9)	2.8% (2.1-3.5)	
Rode with a driver who had been drinking during the past 30 days	37.7% (34.3-41.0)	13.5% (12.0-15.0)	
Drove when drinking alcohol during the past 30 days	19.9% (17.5-22.3)	1.4% (0.9-1.8)	
Texted or e-mailed while driving a car or other vehicle during the past 30 days	76.8% (73.9-79.8)	46.6% (43.4-49.8)	
Used the Internet or apps on their cell phone while driving during the past 30 days	68.2% (64.7-71.7)	41.9% (39.0-44.7)	
Carried a weapon such as a gun, knife, or club on school property, past 30 days	13.7% (11.6-15.8)	6.2% (5.1-7.4)	
Did not go to school because they felt unsafe at school or on their way to or from school during the past 30 days	9.2% (7.5-11.0)	4.6% (3.8-5.4)	
Were threatened or injured with a weapon on school property during the past 12 months	9.1% (7.1-11.1)	3.9% (3.0-4.8)	
Ever physically forced to have sexual intercourse when they did not want to	20.1% (17.0-23.1)	7.0% (6.2-7.9)	
Experienced sexual dating violence (unwanted kissing, touching, or sexual intercourse by someone they were dating), past 12 months	13.3% (10.9-15.7)	5.2% (4.0-6.3)	
Were bullied on school property during the past 12 months	21.2% (17.5-24.9)	13.1% (11.7-14.5)	
Were electronically bullied (texting, Instagram, Facebook, or other social media) during the past 12 months	26.3% (23.6-29.1)	12.1% (10.9-13.3)	
Were the victim of teasing or name calling because someone thought they were gay, lesbian, or bisexual, past 12 months	17.8% (15.1-20.5)	11.6% (10.3-13.0)	
Felt sad or hopeless almost every day for 2 or more weeks in a row during the past 12 months	59.4% (55.7-63.1)	34.1% (31.9-36.3)	
Made a plan about how they would attempt suicide during the past 12 months	29.5% (26.3-32.8)	13.1% (11.7-14.5)	
Attempted suicide during the past 12 months	20.6% (16.9-24.4)	5.7% (4.7-6.7)	
Ever tried cigarette smoking	63.7% (59.9-67.5)	11.6% (10.0-13.2)	
Currently smoked cigarettes, past 30 days	26.5% (22.0-31.1)	----	












Based on t-test analysis, p<0.05.

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Health Risk Behavior by percentage of students	Currently Use a Tobacco Product	Do Not Currently Use a Tobacco Product	Statistical Difference
Ever used an electronic vapor product	98.0% (97.1-99.0)	25.0% (23.2-26.8)	
Currently used an electronic vapor product, past 30 days	93.2% (91.2-95.1)	----	
Currently used smokeless tobacco (chewing tobacco, snuff, or dip), past 30 days	18.1% (15.4-20.9)	----	
Currently smoked cigars, cigarillos, or little cigars, past 30 days	15.1% (12.3-18.0)	----	
Currently drank alcohol, past 30 days	71.5% (68.1-74.9)	15.2% (13.5-16.9)	
Had 4 or more drinks, if female, 5 or more drinks, if male, of alcohol within a couple hours during the past 30 days	48.1% (44.2-52.0)	4.7% (3.9-5.5)	
Drank vodka or some other type of liquor (rum, scotch, bourbon, whiskey, or tequila) as the type of alcohol most often drank, past 30 days	31.8% (28.4-35.3)	28.5% (24.8-32.2)	
Ever used marijuana in their lifetime	82.4% (80.0-84.7)	17.8% (15.8-19.8)	
Currently used marijuana, past 30 days	55.0% (51.6-58.4)	5.2% (4.2-6.2)	
Ever took prescription pain medicine without a doctor's prescription or differently than how a doctor told them to use it (codeine, Vicodin, OxyContin, Hydrocodone and Percocet)	23.0% (20.3-25.8)	7.1% (6.0-8.2)	
Ever used methamphetamines in their lifetime	4.0% (2.6-5.5)	0.5% (0.3-0.8)	
Ever used ecstasy in their lifetime	12.2% (10.1-14.2)	0.8% (0.4-1.1)	
Ever had sexual intercourse in their lifetime	75.1% (71.5-78.7)	26.6% (24.2-29.0)	
Had sexual intercourse with four or more persons during their life	25.8% (23.3-28.3)	4.1% (3.3-5.0)	
Currently sexually active (sexual intercourse during the past 3 months)	56.6% (52.5-60.7)	18.5% (16.6-20.4)	
Drank alcohol or used drugs before last sexual intercourse	27.2% (23.1-31.3)	5.9% (3.4-8.4)	
Used a condom during last sexual intercourse	43.1% (39.1-47.2)	62.4% (57.7-67.0)	
Have obesity (at or above the 95 th percentile for body mass index)	11.3% (9.0-13.5)	11.7% (10.1-13.3)	
Were overweight (at or above the 85 th percentile but below the 95 th percentile for body mass index)	14.7% (12.2-17.2)	14.0% (12.6-15.3)	
Were trying to lose weight	49.0% (46.0-52.0)	38.1% (35.9-40.3)	
Did not drink 100% fruit juice during the past 7 days	31.1% (28.1-34.2)	36.0% (34.2-37.8)	

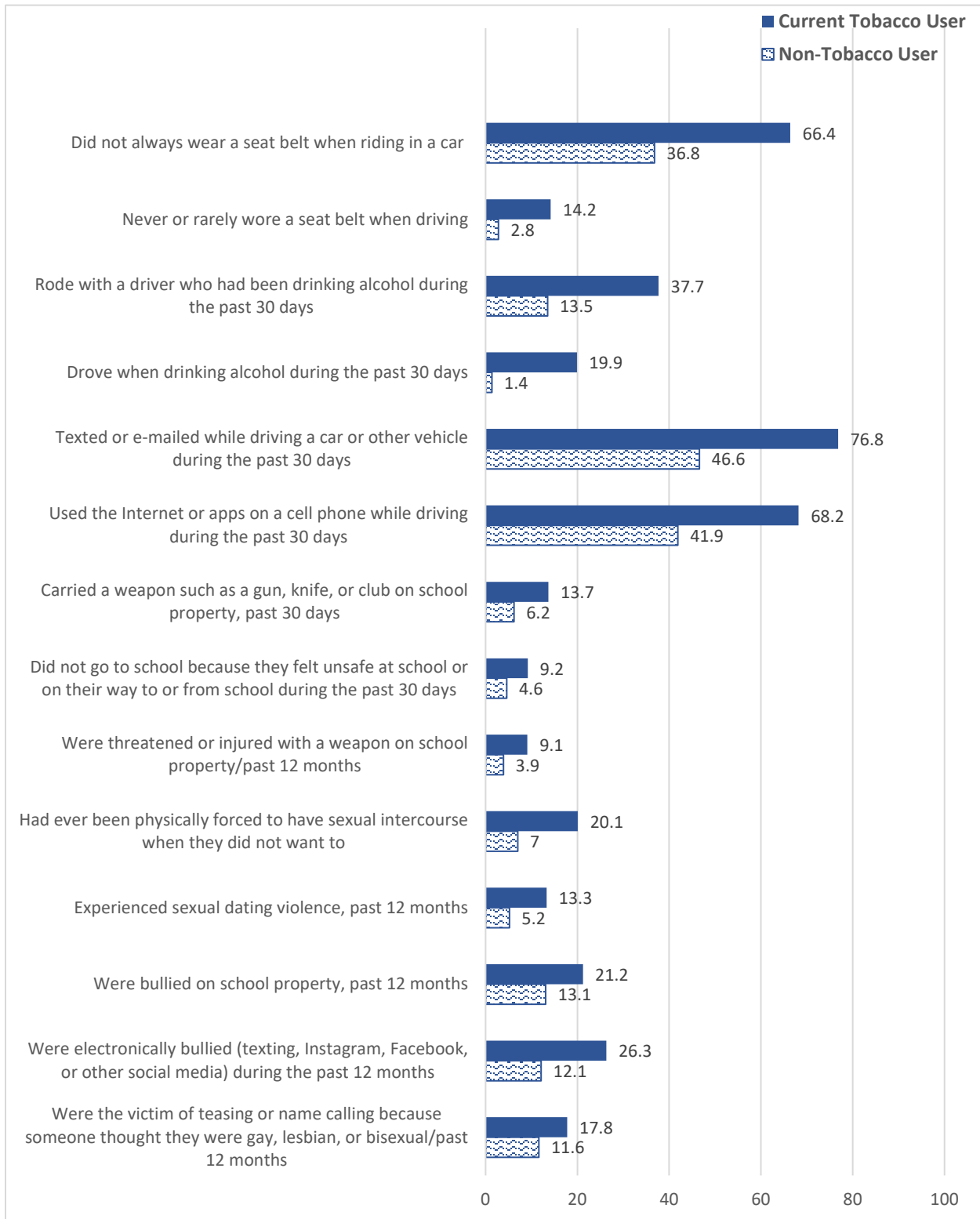
Based on t-test analysis, p<0.05.

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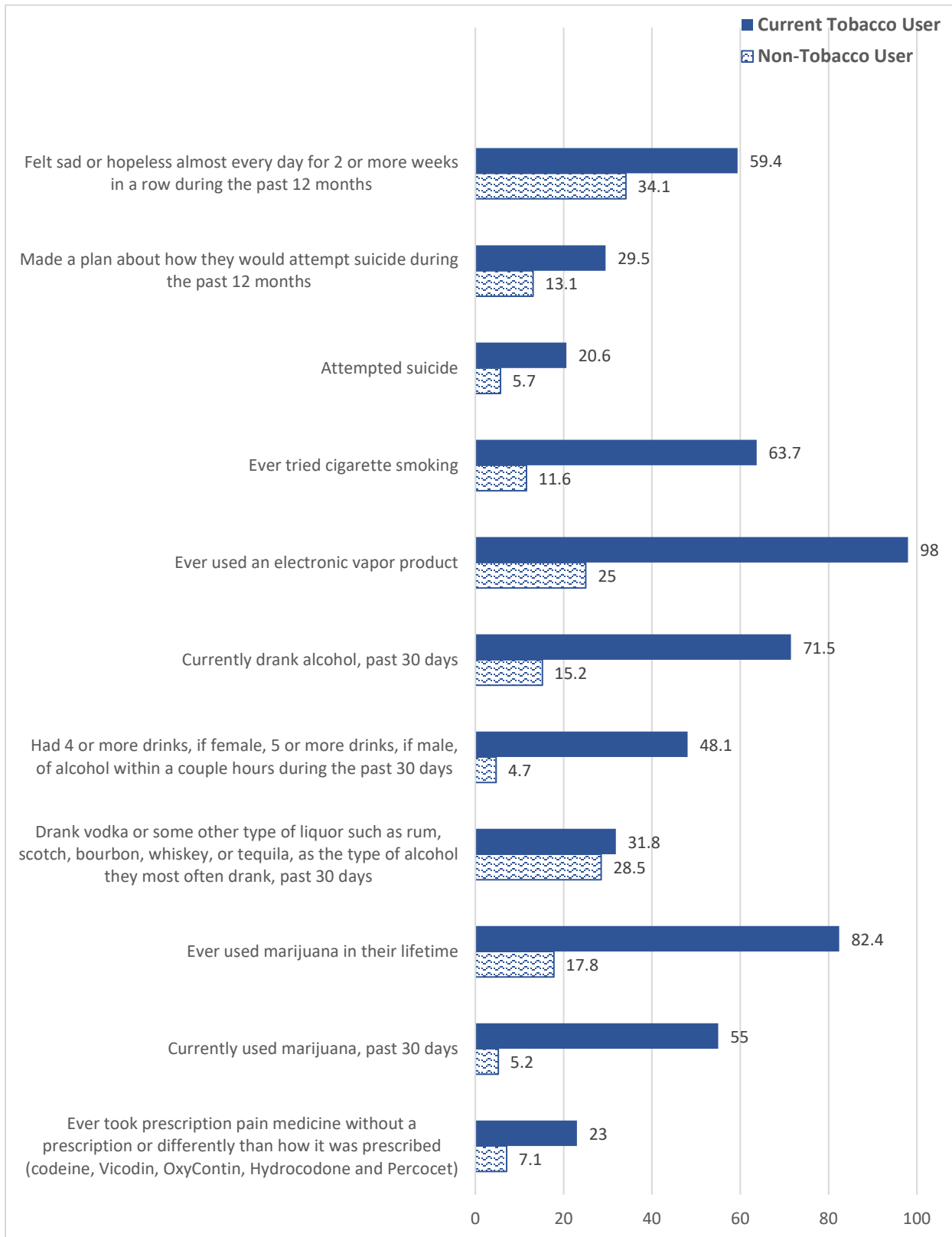
Health Risk Behavior by percentage of students	Currently Use a Tobacco Product	Do Not Currently Use a Tobacco Product	Statistical Difference
Did not eat fruit during the past 7 days	10.7% (8.5-13.0)	10.0% (9.0-11.0)	
Did not eat vegetables during the past 7 days	6.2% (4.6-7.8)	4.8% (4.0-5.7)	
Drank a can, bottle, or glass of soda or pop daily during the past 7 days	14.8% (12.4-17.3)	10.5% (9.2-11.8)	
Did not drink milk during the past 7 days	31.3% (28.1-34.5)	24.2% (22.2-26.1)	
Did not eat breakfast during the past 7 days	22.6% (20.1-25.2)	13.9% (12.5-15.3)	
Were not physically active for at least 60 minutes per day on any of the past 7 days	11.2% (9.3-13.1)	10.8% (9.5-12.1)	
Were physically active for at least 60 minutes per day on 5 or more of the past 7 days	46.2% (42.3-50.0)	54.5% (52.0-57.0)	
Were physically active for at least 60 minutes per day on all of the past 7 days	22.9% (20.5-25.4)	27.2% (25.3-29.1)	
Spent 3 or more hours per day on screen time (TV, computer, smart phone, or other electronic device watching shows or videos, playing games, accessing the Internet, or using social media, <i>not counting time doing schoolwork</i>) on an average school day	76.7% (74.4-79.1)	71.9% (70.0-73.9)	
Played on at least one sports team during the past 12 months	57.6% (53.5-61.8)	59.4% (57.2-61.6)	
Got 8 or more hours of sleep on an average school night	21.4% (18.6-24.3)	31.8% (29.7-33.9)	
Missed one or more days of school because of asthma during the past 30 days	13.5% (9.5-17.5)	6.9% (4.7-9.1)	
Experienced homelessness during the past 30 days	5.3% (3.7-6.8)	1.6% (1.1-2.1)	
Slept away from their parents or guardians because they were kicked out, ran away, or were abandoned, during the past 30 days	7.4% (5.8-9.0)	2.4% (1.8-3.0)	
Made mostly A's or B's in school during the past 12 months	62.9% (58.8-66.9)	78.9% (76.1-81.7)	
Received help from a resource teacher, speech therapist, or other special education teacher during the past 12 months	16.3% (14.2-18.4)	12.8% (11.4-14.2)	

Based on t-test analysis, p<0.05.

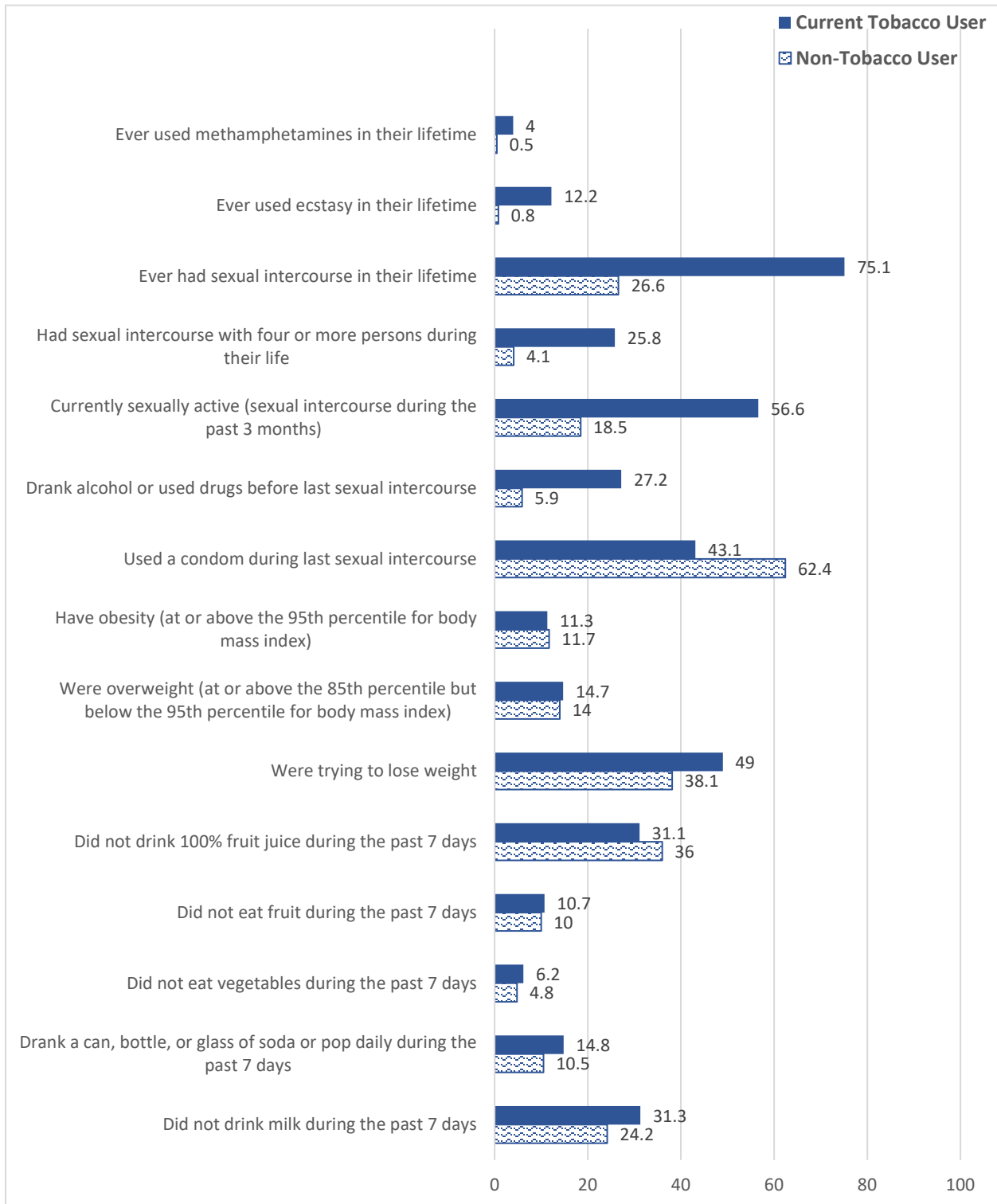
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