



## **MIYHS CORE QUESTIONS: 2019 VERSUS 2021 COMPARISON REPORT**

**MAINE**

**2021 MIYHS MIDDLE SCHOOL REPORT**

# UNDERSTANDING THE DATA

## Reporting Thresholds and Student Confidentiality

Core reports have been run on the following levels for individual geographic units receiving weighted data, as survey design, response rates, and confidentiality protections allow:

- **Grade 5-6: State, Public Health District (PHD), SAU, and School**
- **Middle School: State, PHD, County, SAU, and School**
- **High School: State, PHD, County, SAU, and School**

To protect student confidentiality, responses based on fewer than 6 individuals will not be shown. Also, individual reports have not been generated for schools or school districts yielding fewer than 20 usable surveys.

## How to Read this Report

For the Grade 5-6 core reports, all non-demographic questions included on the 2021 MIYHS survey instrument are presented. For middle school (MS) and high school (HS), only questions that appeared on all four survey versions are included in the core reports. Questions are grouped by topic area.

Please note that the numbers listed to the left of the questions in this report are for formatting purposes only; they do not represent actual question numbers on the survey instruments themselves.

When questions and/or answer options have changed from 2019 to 2021 and there may be a change in the way the results could be interpreted, the word "Modified" is listed after the question. For more information, please go to [www://maine.gov/miyhs/](http://www://maine.gov/miyhs/) and select Data Results to access the 2019-2021 Modified Variable report under 2021 Data Results.

Each estimate is the weighted percentage of students who answered in the way specified in the question title; for instance, in 2021, 19% of Maine's high school students said they had consumed alcohol at least once in the 30 days prior to taking the MIYHS. The percentages are weighted to adjust for non-response and to make the estimates more representative of all Maine students, not just those who took the survey.

Because the weighted percentage is an estimate, there is some error involved. This is reflected in the Confidence Interval, which is bounded by the **Lower Confidence Limit (LCL)** and the **Upper Confidence Limit (UCL)**. Confidence intervals quantify the degree of uncertainty in rate or prevalence estimates that result from sampling or random variability. Like the margin of error presented in political polls, the confidence interval presents a range of values within which the true underlying rate or prevalence is likely to lie. The 95% confidence interval is most commonly used, and is presented in this report.

## Comparing Data: Is a Difference Statistically Significant?

## UNDERSTANDING THE DATA

In the last three columns of the tables in the core report, we present the results of statistical tests designed to determine whether the difference between values is more than would have been expected by chance. Statistical significance was determined by comparing confidence intervals. If the confidence interval around one percentage does not overlap with the confidence interval around another percentage, then the estimates are considered significantly different. Each geographic unit is compared to the state in 2019 and in 2021, and the values for these two survey years are compared within the geographic unit as well. If there is an "H" in a significance tests column, the percentage on this indicator is statistically higher than the state average or the previous survey year; if there is an "L", this indicates that the percentage on this indicator is statistically lower than the state average or the previous survey year. If the cell is blank, then the comparison is not statistically significantly different. To protect the privacy of students in small schools where data has not been released, statistically significant differences between the state and the school are not shown for indicators that are very rare or very common in Maine (i.e., almost no students or almost all students reported it). Otherwise, the reports will still display statistically significant differences, even if privacy concerns prevent us from showing local data.

<b>Maine</b>				
<b>Demographics</b>				
<b>2021 MIYHS Middle School Report</b>				
<b>Category</b>	<b>2019 Maine Count</b>	<b>2019 Maine Percent</b>	<b>2021 Maine Count</b>	<b>2021 Maine Percent</b>
Total	19,309	100.0%	14,355	100.0%
Female	9,627	49.9%	6,909	48.1%
Male	9,470	49.0%	7,101	49.5%
Missing	212	1.1%	345	2.4%
Grade 7	9,577	49.6%	7,038	49.0%
Grade 8	9,457	49.0%	7,104	49.5%
Missing	275	1.4%	213	1.5%
12 or Younger	5,480	28.4%	5,866	40.9%
13	9,462	49.0%	7,030	49.0%
14 or Older	4,316	22.4%	1,412	9.8%
Missing	51	0.3%	47	0.3%

*Demographic counts of students with usable surveys are unweighted  
 ^ Data not available for 2019*

## Maine Violence -- 2021 MIYHS Middle School Report

					Significance Tests
	Questions	Answers of Interest	Maine 2021 95% CI*	Maine 2019 95% CI*	A. Maine 2021 vs. Maine 2019
1.	Have you ever carried a weapon such as a gun, knife, or club on school property? (mn151/mn151)	Percentage of students who answered "Yes"	<b>3.0%</b> (2.7% - 3.4%)	4.0% (3.2% - 4.8%)	
2.	Do you agree or disagree with the following statement? "I feel safe at my school." (mn21/mn21)	Percentage of students who answered "Strongly agree" or "Agree"	<b>87.7%</b> (86.4% - 89.0%)	86.5% (85.3% - 87.7%)	

\* CI = Confidence Interval  
 A. **H/L**=State 2021 is significantly **Higher / Lower** than State 2019  
 ^ Data not available for 2019

## Maine Bullying -- 2021 MIYHS Middle School Report

					Significance Tests
	Questions	Answers of Interest	Maine 2021 95% CI*	Maine 2019 95% CI*	A. Maine 2021 vs. Maine 2019
3.	Have you ever been bullied on school property? (mn22/mn22)	Percentage of students who answered "Yes"	<b>41.1%</b> (39.4% - 42.8%)	<b>46.3%</b> (44.8% - 47.9%)	L

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^ Data not available for 2019

## Maine Suicide & Depression -- 2021 MIYHS Middle School Report

					Significance Tests
	Questions	Answers of Interest	Maine 2021 95% CI*	Maine 2019 95% CI*	A. Maine 2021 vs. Maine 2019
4.	Have you ever felt so sad or hopeless almost every day for two weeks or more in a row that you stopped doing some usual activities? (mn153/mn153)	Percentage of students who answered "Yes"	<b>29.6%</b> (28.3% - 31.0%)	24.8% (23.4% - 26.2%)	H
5.	Have you ever seriously thought about killing yourself? (mn25/mn25)	Percentage of students who answered "Yes"	<b>20.0%</b> (18.9% - 21.1%)	19.8% (19.0% - 20.7%)	

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## Maine Tobacco -- 2021 MIYHS Middle School Report

					Significance Tests
	Questions	Answers of Interest	Maine 2021 95% CI*	Maine 2019 95% CI*	A. Maine 2021 vs. Maine 2019
6.	During the past 30 days, on how many days did you smoke cigarettes? (mn29/mn29)	Percentage of students who answered at least 1 day	<b>1.4%</b> (1.2% - 1.6%)	1.5% (1.2% - 1.7%)	
7.	Have you ever used an electronic vapor product? (mn173/mn173)	Percentage of students who answered "Yes"	<b>10.2%</b> (9.2% - 11.3%)	16.3% (15.2% - 17.3%)	L
8.	During the past 30 days, on how many days did you use an electronic vapor product? (mn174/mn174)	Percentage of students who answered at least 1 day	<b>4.4%</b> (3.8% - 5.0%)	7.0% (6.4% - 7.7%)	L

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## Maine Alcohol -- 2021 MIYHS Middle School Report

					Significance Tests
	Questions	Answers of Interest	Maine 2021 95% CI*	Maine 2019 95% CI*	A. Maine 2021 vs. Maine 2019
9.	Have you ever had a drink of alcohol, other than a few sips? (mn59a/mn59a)	Percentage of students who answered "Yes"	<b>12.4%</b> (11.4% - 13.4%)	15.1% (14.3% - 15.9%)	L
10.	How old were you when you had your first drink of alcohol other than a few sips? (mn60/mn60)	Among students who have had more than a few sips of alcohol, the percentage of students who answered before age 11	<b>39.1%</b> (36.7% - 41.5%)	35.9% (33.8% - 38.0%)	
11.	How old were you when you had your first drink of alcohol other than a few sips? (mn60_2/mn60_2)	Percentage of students who answered before age 11	<b>5.0%</b> (4.5% - 5.6%)	5.5% (5.1% - 5.9%)	
12.	During the past 30 days, on how many days did you have at least one drink of alcohol? (mn61/mn61)	Percentage of students who answered at least 1 day	<b>3.2%</b> (2.8% - 3.6%)	4.0% (3.6% - 4.4%)	
13.	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? (mn62a/mn62a)	Percentage of students who answered at least 1 day	<b>1.0%</b> (0.8% - 1.2%)	1.3% (1.1% - 1.5%)	

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## Maine Alcohol -- 2021 MIYHS Middle School Report

					Significance Tests
	Questions	Answers of Interest	Maine 2021 95% CI*	Maine 2019 95% CI*	A. Maine 2021 vs. Maine 2019
14.	If you wanted to get some alcohol, how easy would it be for you to get some? (mn64/mn64)	Percentage of students who answered "Sort of easy" or "Very easy"	<b>34.1%</b> (32.9% - 35.3%)	35.6% (34.3% - 36.9%)	
15.	How wrong do your parents feel it would be for you to have 1 or 2 drinks of an alcoholic beverage nearly every day? (mn165/mn165)	Percentage of students who answered "A little bit wrong" or "Not wrong at all"	<b>3.2%</b> (2.7% - 3.6%)	3.2% (2.9% - 3.5%)	

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## Maine Marijuana -- 2021 MIYHS Middle School Report

					Significance Tests
	Questions	Answers of Interest	Maine 2021 95% CI*	Maine 2019 95% CI*	A. Maine 2021 vs. Maine 2019
16.	Have you ever used marijuana? (mn74/mn74)	Percentage of students who answered "Yes"	<b>6.7%</b> (5.9% - 7.5%)	8.5% (7.8% - 9.2%)	L
17.	How old were you when you tried marijuana for the first time? (mn75/mn75)	Among students who have tried marijuana, the percentage of students who answered before age 11	<b>21.1%</b> (18.1% - 24.0%)	18.1% (16.3% - 20.0%)	
18.	How old were you when you tried marijuana for the first time? (mn75_2/mn75_2)	Percentage of students who answered before age 11	<b>1.4%</b> (1.2% - 1.7%)	1.6% (1.4% - 1.8%)	
19.	During the past 30 days, how many times did you use marijuana? (mn76/mn76)	Percentage of students who answered at least 1 time	<b>3.2%</b> (2.7% - 3.7%)	4.1% (3.6% - 4.5%)	
20.	If you wanted to get some marijuana, how easy would it be for you to get some? (mn77/mn77)	Percentage of students who answered "Sort of easy" or "Very easy"	<b>18.1%</b> (16.8% - 19.4%)	17.9% (16.8% - 19.1%)	

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## Maine Marijuana -- 2021 MIYHS Middle School Report

					Significance Tests
	Questions	Answers of Interest	Maine 2021 95% CI*	Maine 2019 95% CI*	A. Maine 2021 vs. Maine 2019
21.	How wrong do your parents feel it would be for you to use marijuana? (mn193/mn193)	Percentage of students who answered "A little bit wrong" or "Not wrong at all"	<b>6.0%</b> (5.4% - 6.6%)	7.0% (6.4% - 7.6%)	
22.	How much do you think people risk harming themselves (physically or in other ways) if they use marijuana once or twice a week? (mn194/mn194)	Percentage of students who answered "No risk" or "Slight risk"	<b>38.0%</b> (36.0% - 40.0%)	38.2% (36.7% - 39.7%)	

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## Maine Other Drugs -- 2021 MIYHS Middle School Report

					Significance Tests
	Questions	Answers of Interest	Maine 2021 95% CI*	Maine 2019 95% CI*	A. Maine 2021 vs. Maine 2019
23.	Have you ever taken prescription pain medicine without a doctor's prescription or differently than how a doctor told you to use it? (mn183/mn183)	Percentage of students who answered "Yes"	<b>6.5%</b> (6.0% - 7.0%)	6.6% (6.1% - 7.0%)	
24.	During the past 30 days, how many times did you take a prescription drug (such as OxyContin, Percocet, Vicodin, codeine, Adderall, Ritalin, or Xanax) without a doctor's prescription? (mn88a/mn88a)	Percentage of students who answered at least 1 time	<b>2.9%</b> (2.6% - 3.2%)	3.0% (2.7% - 3.2%)	

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## Maine Sexual Behaviors -- 2021 MIYHS Middle School Report

					Significance Tests
	Questions	Answers of Interest	Maine 2021 95% CI*	Maine 2019 95% CI*	A. Maine 2021 vs. Maine 2019
25.	Have you ever had sexual intercourse? (mn100/mn100)	Percentage of students who answered "Yes"	<b>5.0%</b> (4.4% - 5.5%)	<b>6.7%</b> (6.1% - 7.2%)	L

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## Maine Nutrition -- 2021 MIYHS Middle School Report

					Significance Tests
	Questions	Answers of Interest	Maine 2021 95% CI*	Maine 2019 95% CI*	A. Maine 2021 vs. Maine 2019
26.	Fruit: at least two servings daily (mnfruit/mnfruit)	Percentage of students who drank 100% fruit juice and/or ate fruit two or more times per day during the past seven days	<b>32.1%</b> (30.6% - 33.6%)	36.9% (35.5% - 38.4%)	L
27.	Fruit: less than one serving daily (mnonefrt/mnonefrt)	Percentage of students who drank 100% fruit juice and/or ate fruit less than 1 time per day during the past seven days	<b>39.2%</b> (37.5% - 41.0%)	34.0% (32.6% - 35.3%)	H
28.	Vegetables: at least three servings daily (mnveg/mnveg)	Percentage of students who ate vegetables three or more times per day during the past seven days	<b>14.1%</b> (13.0% - 15.1%)	15.1% (14.4% - 15.9%)	
29.	Vegetables: less than one serving daily (mnoneveg/mnoneveg)	Percentage of students who ate vegetables less than 1 time per day during the past seven days	<b>54.4%</b> (52.3% - 56.5%)	52.6% (50.8% - 54.3%)	
30.	Fruit and Vegetables: at least five servings daily (mnfrvg/mnfrvg)	Percentage of students who drank 100% fruit juice, ate fruit and/or ate vegetables five or more times per day during the past seven days	<b>18.1%</b> (17.0% - 19.2%)	20.9% (19.9% - 21.8%)	L

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## Maine Nutrition -- 2021 MIYHS Middle School Report

					Significance Tests
	Questions	Answers of Interest	Maine 2021 95% CI*	Maine 2019 95% CI*	A. Maine 2021 vs. Maine 2019
31.	Fruit and Vegetables: at least five servings daily (mnfrvg_2/mnfrvg_2)	Percentage of students who ate fruit and/or ate vegetables five or more times per day during the past seven days	<b>13.9%</b> (12.8% - 15.1%)	15.8% (14.9% - 16.6%)	

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## Maine Nutrition -- 2021 MIYHS Middle School Report

					Significance Tests
	Questions	Answers of Interest	Maine 2021 95% CI*	Maine 2019 95% CI*	A. Maine 2021 vs. Maine 2019
32.	During the past 7 days, how many times did you drink a can, bottle, or glass of soda, sports drink, energy drink, or other sugar-sweetened beverage such as Gatorade, Red Bull, lemonade, sweetened tea or coffee drinks, flavored milk, Snapple, or Sunny D? (Do not count diet soda, other diet drinks, or 100% fruit juice.) (mn159a/mn159a)	Percentage of students who answered at least one time per day in the past week	<b>19.5%</b> (18.3% - 20.7%)	17.7% (16.7% - 18.7%)	
33.	During the past 7 days, how many times did you drink a can, bottle, or glass of soda, sports drink, energy drink, or other sugar-sweetened beverage such as Gatorade, Red Bull, lemonade, sweetened tea or coffee drinks, flavored milk, Snapple, or Sunny D? (Do not count diet soda, other diet drinks, or 100% fruit juice.) (mn159a_2/mn159a_2)	Percentage of students who answered "I did not drink soda, sports drinks, energy drinks, or other sugar-sweetened beverages during the past 7 days"	<b>19.4%</b> (18.4% - 20.5%)	20.5% (19.6% - 21.5%)	

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^ Data not available for 2019

## Maine Physical Activity -- 2021 MIYHS Middle School Report

					Significance Tests
	Questions	Answers of Interest	Maine 2021 95% CI*	Maine 2019 95% CI*	A. Maine 2021 vs. Maine 2019
34.	During the past 7 days, on how many days were you physically active for a total of at least 60 minutes per day? (Add up all the time you spent in any kind of physical activity that increased your heart rate and made you breathe hard some of the time.) (mn161/mn161)	Percentage of students who answered at least 5 days	<b>56.6%</b> (54.8% - 58.4%)	49.6% (48.1% - 51.1%)	H
35.	60+ minutes of total physical activity daily (mnpa7day/mnpa7day)	Percentage of students who were physically active for a total of at least 60 minutes per day on all of the past seven days	<b>31.5%</b> (30.1% - 32.9%)	25.5% (24.6% - 26.3%)	H
36.	In an average week when you are in school, on how many days do you go to physical education (PE) classes? (mn127/mn127)	Percentage of students who answered at least 1 day	<b>64.4%</b> (59.2% - 69.6%)	73.2% (68.5% - 78.0%)	
37.	Daily physical education (PE) classes (mndlype/mndlype)	Percentage of students who attended physical education (PE) classes daily in an average week when they were in school	<b>15.2%</b> (10.3% - 20.1%)	9.9% (6.9% - 12.9%)	

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^ Data not available for 2019

## Maine COVID-19 -- 2021 MIYHS Middle School Report

					Significance Tests
	Questions	Answers of Interest	Maine 2021 95% CI*	Maine 2019 95% CI*	A. Maine 2021 vs. Maine 2019
38.	Do you agree or disagree that doing your schoolwork was more difficult during the COVID-19 pandemic than before the pandemic started? (mn210)	Percentage of students who answered "Strongly agree" or "Agree"	<b>67.7%</b> (66.3% - 69.1%)	^	^
39.	During the COVID-19 pandemic, how often was your mental health not good? (Poor mental health includes stress, anxiety, and depression.) (mn211)	Percentage of students who answered "Most of the time" or "Always"	<b>31.6%</b> (30.5% - 32.7%)	^	^

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^ Data not available for 2019

## Maine Assets -- 2021 MIYHS Middle School Report

					Significance Tests
	Questions	Answers of Interest	Maine 2021 95% CI*	Maine 2019 95% CI*	A. Maine 2021 vs. Maine 2019
40.	During the past 30 days, where did you usually sleep? (mn187a_2/mn187a_2)	Percentage of students who reported housing instability (anything other than "In my parent's or guardian's home" or school housing)	<b>2.0%</b> (1.8% - 2.3%)	2.0% (1.7% - 2.2%)	
41.	Do you agree or disagree that at least one of your teachers really cares and gives you help and support when you need it? (mn143/mn143)	Percentage of students who answered "Strongly agree" or "Agree"	<b>71.7%</b> (70.5% - 72.9%)	75.1% (74.0% - 76.3%)	L
42.	How often does one of your parents talk with you about what you are doing in school? (mn144/mn144)	Percentage of students who answered "About every day" or "About once or twice a week"	<b>85.6%</b> (84.6% - 86.6%)	84.6% (83.8% - 85.5%)	
43.	How often does your family give you love and support? (mn188/mn188)	Percentage of students who answered 'Most of the time' or 'Always'	<b>85.4%</b> (84.4% - 86.4%)	84.5% (83.6% - 85.4%)	
44.	Do you agree or disagree that in your community you feel like you matter to people? (mn148/mn148)	Percentage of students who answered "Strongly agree" or "Agree"	<b>54.8%</b> (53.1% - 56.4%)	59.4% (58.0% - 60.8%)	L

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^ Data not available for 2019