



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

**MAINE**

**2021 MIYHS GRADE 5-6 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 2021 MIYHS 5-6 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	7,999	100.0%	5,861	100.0%
Female	3,833	47.9%	2,760	47.1%
Male	4,004	50.1%	2,826	48.2%
Missing	162	2.0%	275	4.7%
Grade 5	2,631	32.9%	2,113	36.1%
Grade 6	5,280	66.0%	3,647	62.2%
Missing	88	1.1%	101	1.7%
10 or Younger	1,453	18.2%	1,744	29.8%
11	4,012	50.2%	3,402	58.0%
12 or Older	2,500	31.3%	661	11.3%
Missing	34	0.4%	54	0.9%

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

## Maine Unintentional Injury -- 2021 MIYHS 5-6 Report

					Significance Tests
	Questions	Answers of Interest	Maine 2021 95% CI*	Maine 2019 95% CI*	A. Maine 2021 vs. Maine 2019
1.	How often do you wear a seat belt when riding in a car? (en7a_2/en7a_2)	Percentage of students who answered "Always"	<b>82.4%</b> (80.1% - 84.6%)	83.2% (81.5% - 85.0%)	
2.	When you ride a bicycle, how often do you wear a helmet? (en9a/en9a)	Among students who ride a bicycle, the percentage of students who answered "Never" or "Rarely"	<b>28.9%</b> (25.2% - 32.6%)	28.7% (25.3% - 32.2%)	

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

## Maine Bullying -- 2021 MIYHS 5-6 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? (en51/en51)	Percentage of students who answered "Yes"	<b>35.9%</b> (33.7% - 38.0%)	43.5% (41.3% - 45.7%)	L
4.	Have you ever been electronically bullied? (Count being bullied through texting, Instagram, Facebook, or other social media.) (en74)	Percentage of students who answered "Yes"	<b>25.7%</b> (24.0% - 27.4%)	^	^

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^ Data not available for 2019

## Maine Violence -- 2021 MIYHS 5-6 Report

					Significance Tests
	Questions	Answers of Interest	Maine 2021 95% CI*	Maine 2019 95% CI*	A. Maine 2021 vs. Maine 2019
5.	Do you agree or disagree with the following statement? "I feel safe at my school." (en12/en12)	Percentage of students who answered "Strongly agree" or "Agree"	<b>91.9%</b> (90.9% - 92.9%)	90.7% (89.6% - 91.9%)	

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 ^ Data not available for 2019

## Maine Tobacco -- 2021 MIYHS 5-6 Report

					Significance Tests
	Questions	Answers of Interest	Maine 2021 95% CI*	Maine 2019 95% CI*	A. Maine 2021 vs. Maine 2019
6.	Have you ever tried cigarette smoking, even one or two puffs? (en13/en13)	Percentage of students who answered "Yes"	<b>1.9%</b> (1.3% - 2.6%)	2.1% (1.7% - 2.6%)	
7.	During the past 30 days, on how many days did you smoke cigarettes? (en14/en14)	Percentage of students who answered at least 1 day	<b>0.4%</b> (0.2% - 0.7%)	0.5% (0.3% - 0.7%)	
8.	Do you think you will try a cigarette soon? (en15/en15)	Percentage of students who answered "I definitely will", "I probably will" or "I probably will not"	<b>10.3%</b> (9.3% - 11.3%)	9.0% (8.1% - 10.0%)	
9.	Do you think you will smoke a cigarette at anytime during the next year? (en16/en16)	Percentage of students who answered "I definitely will", "I probably will" or "I probably will not"	<b>5.8%</b> (4.6% - 7.0%)	4.9% (4.1% - 5.7%)	
10.	Do you think you will smoke a cigarette at anytime during the next year? (en16_2/en16_2)	Percentage of students who answered "I definitely will not"	<b>94.2%</b> (93.0% - 95.4%)	95.1% (94.3% - 95.9%)	
11.	If one of your best friends offered you a cigarette, would you smoke it? (en17/en17)	Percentage of students who answered "Definitely yes", "Probably yes" or "Probably not"	<b>9.6%</b> (8.3% - 10.9%)	8.8% (7.7% - 9.9%)	

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## Maine Tobacco -- 2021 MIYHS 5-6 Report

					Significance Tests
	Questions	Answers of Interest	Maine 2021 95% CI*	Maine 2019 95% CI*	A. Maine 2021 vs. Maine 2019
12.	Tobacco Use Susceptibility (entobsus/entobsus)	Percentage of students who are susceptible to cigarette use (among all students including those who have tried or are current cigarette users)	<b>15.4%</b> (13.7% - 17.1%)	13.0% (11.9% - 14.2%)	
13.	Tobacco Use Susceptibility (entobsus_2/entobsus_2)	Percentage of students who are susceptible to cigarette use (among students who have never tried cigarettes)	<b>14.1%</b> (12.6% - 15.7%)	11.9% (10.8% - 13.0%)	
14.	Have you ever used an electronic vapor product? (en75)	Percentage of students who answered "Yes"	<b>2.3%</b> (1.8% - 2.9%)	^	^
15.	During the past 30 days, have you used an electronic vapor product? (en76)	Percentage of students who answered "Yes"	<b>0.5%</b> (0.3% - 0.7%)	^	^

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## Maine Alcohol -- 2021 MIYHS 5-6 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 had a drink of alcohol, other than a few sips? (en18a/en18a)	Percentage of students who answered "Yes"	<b>4.9%</b> (4.0% - 5.8%)	5.9% (5.2% - 6.7%)	
17.	During the past 30 days, on how many days did you have at least one drink of alcohol? (en19/en19)	Percentage of students who answered at least 1 day	<b>0.9%</b> (0.6% - 1.2%)	1.0% (0.7% - 1.3%)	
18.	If you wanted to get some alcohol, how easy would it be for you to get some? (en20/en20)	Percentage of students who answered "Sort of easy" or "Very easy"	<b>12.4%</b> (11.2% - 13.7%)	14.9% (13.9% - 15.9%)	L
19.	How wrong do your parents feel it would be for you to drink alcohol regularly? (en21/en21)	Percentage of students who answered "A little bit wrong" or "Not wrong at all"	<b>3.5%</b> (2.9% - 4.0%)	3.5% (3.1% - 4.0%)	

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## Maine Marijuana -- 2021 MIYHS 5-6 Report

					Significance Tests
	Questions	Answers of Interest	Maine 2021 95% CI*	Maine 2019 95% CI*	A. Maine 2021 vs. Maine 2019
20.	Have you ever used marijuana? (en53/en53)	Percentage of students who answered "Yes"	<b>1.0%</b> (0.7% - 1.3%)	1.8% (1.4% - 2.3%)	L

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## Maine Other Drugs -- 2021 MIYHS 5-6 Report

					Significance Tests
	Questions	Answers of Interest	Maine 2021 95% CI*	Maine 2019 95% CI*	A. Maine 2021 vs. Maine 2019
21.	Have you ever sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high? (en22a/en22a)	Percentage of students who answered "Yes"	<b>2.8%</b> (2.4% - 3.3%)	3.1% (2.6% - 3.7%)	
22.	During the past 12 months, have you talked with at least one of your parents about the dangers of tobacco, alcohol, or drug use? (en23/en23)	Percentage of students who answered "Yes"	<b>28.6%</b> (26.6% - 30.6%)	38.8% (36.8% - 40.8%)	L
23.	Do you agree or disagree with the following statement? "My family has clear rules about alcohol and drug use." (en24/en24)	Percentage of students who answered "Strongly agree" or "Agree"	<b>91.7%</b> (90.6% - 92.8%)	92.4% (91.5% - 93.3%)	

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## Maine Nutrition -- 2021 MIYHS 5-6 Report

					Significance Tests
	Questions	Answers of Interest	Maine 2021 95% CI*	Maine 2019 95% CI*	A. Maine 2021 vs. Maine 2019
24.	Fruit: at least two servings daily (enfruit_2/enfruit_2)	Percentage of students who drank 100% fruit juice and/or ate fruit two or more times yesterday	<b>65.9%</b> (63.3% - 68.5%)	70.0% (68.5% - 71.5%)	L
25.	Fruit: less than one serving daily (enonefrt/enonefrt)	Percentage of students who consumed less than 1 fruit or 100% fruit juice yesterday	<b>14.2%</b> (12.6% - 15.9%)	11.9% (10.7% - 13.0%)	
26.	Yesterday, how many times did you eat vegetables, such as carrots, green salad, corn, or green beans? (Do not count french fries or other fried potatoes.) (enoneveg/enoneveg)	Percentage of students who ate vegetables less than 1 time yesterday	<b>24.6%</b> (22.6% - 26.7%)	23.2% (21.7% - 24.8%)	
27.	Vegetables: at least three servings daily (enveg_2/enveg_2)	Percentage of students who ate vegetables three or more times yesterday	<b>26.5%</b> (24.3% - 28.8%)	27.3% (25.2% - 29.3%)	
28.	Fruit and Vegetables: at least five servings daily (enfrvg_2/enfrvg_2)	Percentage of students who drank 100% fruit juice, ate fruit and/or ate vegetables five or more times per day yesterday	<b>42.7%</b> (39.6% - 45.7%)	46.6% (44.5% - 48.6%)	
29.	Fruit and Vegetables: at least five servings daily excluding juice (enfrvg_3/enfrvg_3)	Percentage of students who ate fruit and/or vegetables five or more times per day yesterday	<b>30.8%</b> (28.3% - 33.4%)	34.1% (31.7% - 36.5%)	

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## Maine Nutrition -- 2021 MIYHS 5-6 Report

					Significance Tests
	Questions	Answers of Interest	Maine 2021 95% CI*	Maine 2019 95% CI*	A. Maine 2021 vs. Maine 2019
30.	Yesterday, 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.) (en66/en66)	Percentage of students who answered at least one time yesterday	<b>58.5%</b> (56.4% - 60.6%)	58.9% (56.9% - 60.9%)	
31.	During the past 7 days, on how many days did you eat dinner at home with at least one of your parents or guardians ? (en67a/en67a)	Percentage of students who answered at least 5 days	<b>80.2%</b> (78.6% - 81.8%)	83.7% (82.2% - 85.1%)	L

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^ Data not available for 2019

## Maine Physical Activity -- 2021 MIYHS 5-6 Report

					Significance Tests
	Questions	Answers of Interest	Maine 2021 95% CI*	Maine 2019 95% CI*	A. Maine 2021 vs. Maine 2019
32.	How many days each week do you exercise, dance or play sports for at least an hour? (en68/en68)	Percentage of students who answered at least 7 days.	<b>24.8%</b> (22.6% - 27.0%)	22.8% (21.6% - 24.0%)	
33.	How many days each week do you exercise, dance or play sports for at least an hour? (en68_2/en68_2)	Percentage of students who answered at least 5 days.	<b>45.3%</b> (43.1% - 47.5%)	43.4% (41.8% - 45.0%)	
34.	On an average school day, how many hours do you spend in front of a TV, computer, smart phone, or other electronic device watching shows or videos, playing games, accessing the Internet, or using social media (also called "screen time")? (Do not count time spent doing schoolwork.) (en77)	Percentage of students who answered at least 3 hours	<b>52.4%</b> (49.4% - 55.3%)	^	^

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## Maine Physical Activity -- 2021 MIYHS 5-6 Report

					Significance Tests
	Questions	Answers of Interest	Maine 2021 95% CI*	Maine 2019 95% CI*	A. Maine 2021 vs. Maine 2019
35.	On an average school day, how many hours do you spend in front of a TV, computer, smart phone, or other electronic device watching shows or videos, playing games, accessing the Internet, or using social media (also called "screen time")? (Do not count time spent doing schoolwork.) (en77_2)	Percentage of students who answered 2 or fewer hours	<b>47.6%</b> (44.7% - 50.6%)	^	^
36.	During an average week, how many days do you spend time in clubs, after-school programs, or other organized activities (other than sports) outside of regular school hours? (en35/en35)	Percentage of students who answered at least 1 day	<b>35.7%</b> (31.4% - 39.9%)	47.0% (43.5% - 50.5%)	L

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 ^ Data not available for 2019



## Maine Asthma -- 2021 MIYHS 5-6 Report

					Significance Tests
	Questions	Answers of Interest	Maine 2021 95% CI*	Maine 2019 95% CI*	A. Maine 2021 vs. Maine 2019
37.	Has a doctor, nurse, or other adult ever told you that you have asthma? (en69/en69)	Percentage of students who answered "Yes" (Excludes "Not Sure" responses)	<b>15.5%</b> (14.0% - 17.0%)	17.7% (16.6% - 18.9%)	
38.	Has a doctor, nurse, or other adult ever told you that you have asthma? (en69_2/en69_2)	Percentage of students who answered "Not sure"	<b>14.2%</b> (12.9% - 15.5%)	11.1% (10.1% - 12.2%)	H

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 ^ Data not available for 2019

## Maine Diabetes -- 2021 MIYHS 5-6 Report

					Significance Tests
	Questions	Answers of Interest	Maine 2021 95% CI*	Maine 2019 95% CI*	A. Maine 2021 vs. Maine 2019
39.	Has a doctor, nurse, or other adult ever told you that you have diabetes? (en43a)/(Modified, en43b)	Percentage of students who answered "Yes"	<b>1.9%</b> (1.4% - 2.3%)	1.4% (1.1% - 1.7%)	

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 ^ Data not available for 2019

## Maine Dental Care -- 2021 MIYHS 5-6 Report

					Significance Tests
	Questions	Answers of Interest	Maine 2021 95% CI*	Maine 2019 95% CI*	A. Maine 2021 vs. Maine 2019
40.	When was the last time you saw a dentist or dental hygienist for a check-up, exam, teeth cleaning, or other dental work? (en60)/(Modified, en60a)	Percentage of students who answered "Less than a year (12 months) ago" (Excludes "Not sure" responses from e60a)	<b>83.3%</b> (81.1% - 85.5%)	86.5% (85.0% - 88.0%)	
41.	During this school year, have you missed any school because of problems with your teeth? For example, you needed to get a cavity filled or your tooth hurt. We are not asking about missing school to see a dentist for a regular check-up or cleaning. (en61)/(Modified, en61a)	Percentage of students who answered "Yes" (Excludes "Don't know" responses from e61)	<b>11.9%</b> (11.0% - 12.9%)	15.5% (14.3% - 16.7%)	L
42.	During this school year, have you missed any school because of problems with your teeth? For example, you needed to get a cavity filled or your tooth hurt. We are not asking about missing school to see a dentist for a regular check-up or cleaning. (en61_2)/(Modified, en61a_2)	Percentage of students who answered "Yes"	<b>11.1%</b> (10.1% - 12.0%)	14.2% (13.1% - 15.3%)	L

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^ Data not available for 2019

## Maine Sun Protection -- 2021 MIYHS 5-6 Report

					Significance Tests
	Questions	Answers of Interest	Maine 2021 95% CI*	Maine 2019 95% CI*	A. Maine 2021 vs. Maine 2019
43.	When you are outside for more than one hour on a sunny day, how often do you wear sunscreen with an SPF of 15 or higher? (en46/en46)	Percentage of students who answered "Most of the time" or "Always"	<b>37.8%</b> (35.6% - 40.0%)	48.5% (45.4% - 51.7%)	L
44.	When you are outside for more than one hour on a sunny day, how often do you do one of the following: stay in the shade, wear clothing that covers most of your arms and legs, or wear a hat? (en47/en47)	Percentage of students who answered "Most of the time" or "Always"	<b>38.0%</b> (36.0% - 39.9%)	37.6% (35.6% - 39.6%)	
45.	During the past year, have you had any sunburns? (A sunburn is any reddening or burn of the skin that lasts until the next day.) (en48/en48)	Percentage of students who answered "Yes"	<b>53.4%</b> (51.8% - 55.1%)	47.6% (45.8% - 49.4%)	H

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## Maine Assets -- 2021 MIYHS 5-6 Report

					Significance Tests
	Questions	Answers of Interest	Maine 2021 95% CI*	Maine 2019 95% CI*	A. Maine 2021 vs. Maine 2019
46.	On an average school day, how long after school are you alone without a parent or trusted adult? (en62/en62)	Percentage of students who answered "2 hours or more"	<b>22.5%</b> (20.4% - 24.5%)	23.8% (22.1% - 25.4%)	
47.	Do you agree or disagree that you have parents who try to help you succeed? (en49/en49)	Percentage of students who answered "Strongly agree" or "Agree"	<b>91.5%</b> (90.3% - 92.8%)	92.5% (91.7% - 93.3%)	
48.	Do you agree or disagree that at least one of your teachers really cares and gives you help and support when you need it? (en50/en50)	Percentage of students who answered "Strongly agree" or "Agree"	<b>83.7%</b> (82.2% - 85.3%)	83.2% (81.9% - 84.5%)	

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