

# High School Marijuana Use and the Effect it has on Current College Students



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# Abstract



Survey current UVU college students about their marijuana use, both now and previously in high school, and correlating it with their academic success. The survey will include questions about their GPA, classes failed/unattended, etc. to determine how well they do in school, and will be compared to other students who take the survey who do not or did not participate in smoking marijuana

# *Relationship of Substance Use by Students to Long-Term Educational, Employment, and Social Outcomes*

- ❧ National Educational Longitudinal Study (NELS) data to get the information they needed. The NELS database represents the school-age population all across the United States
- ❧ Multiple substances, marijuana being one of them
- ❧ “Strongly demonstrate that cigarette smoking, binge drinking, and marijuana use are negatively related to the educational success of youths”



# *Legalization of Marijuana: Potential Impact on Youth*

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- ☞ Survey taken by American Academy of Pediatrics
- ☞ Consequences of using marijuana, including “negative effects on short term memory, concentration, attention span, motivation, and problem solving, which clearly interfere with learning”

# *California Dropout Research Project*

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- ❧ Formulate questions regarding educational success
- ❧ Failing courses, absences, switching schools all lead to a lower statistical likelihood of graduating

# Plan for the Project



- ☞ Systematic Random Sampling: 400 UVU students (IRI)
- ☞ Through Qualtrics
- ☞ At least 15% response rate
- ☞ Analyze responses to come to conclusions

# Results



∞ Response Rate:

∞ 65 out of 400 (16.25%)

# Statistics



- 98% graduated high school 4+ years ago
- 83% were 16-18 yrs old when they graduated high school



# High School Success



How many classes did you have to repeat during your high school career?

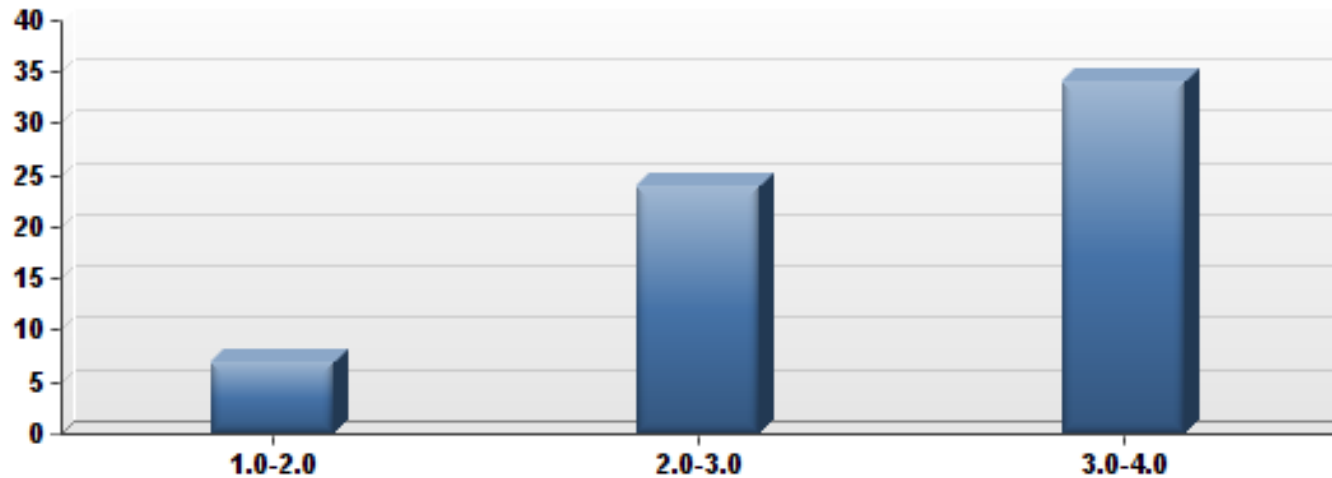
#	Answer	Response	%
1	None	52	80%
2	1-3	12	18%
3	4-7	1	2%
4	8 or more	0	0%
	Total	65	100%

# About how many days did you miss during your senior year of high school?

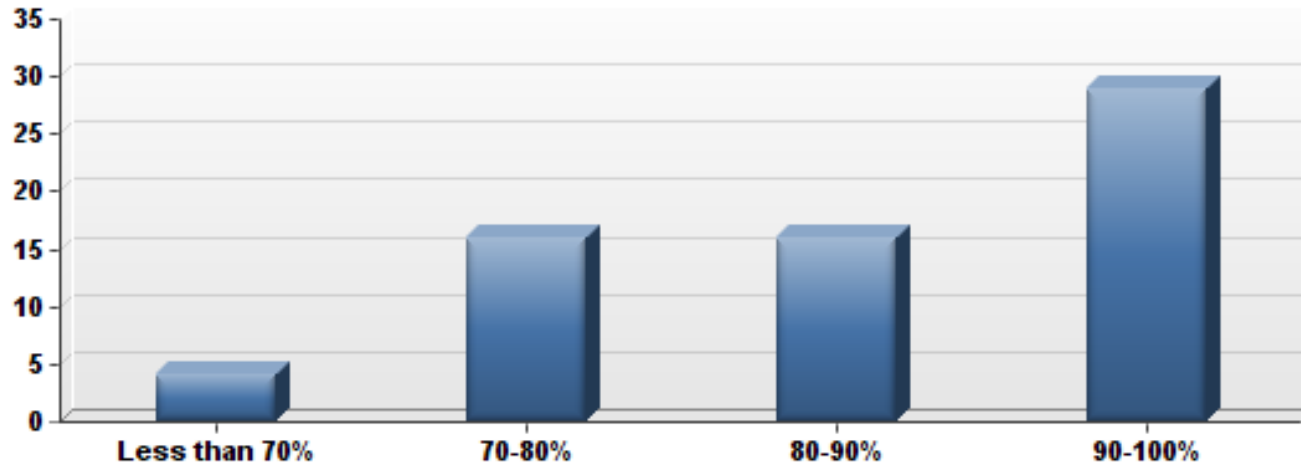


#	Answer	Response	%
1	None	4	6%
2	1-3	12	18%
3	4-7	15	23%
4	8 or more	34	52%
	Total	65	100%

# What was your overall GPA for high school?



# What were your average test scores in high school?

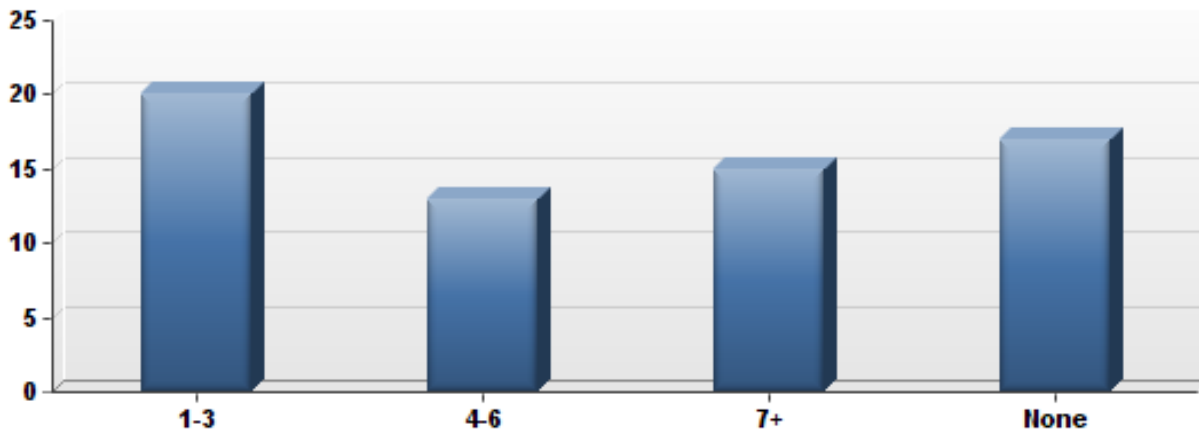




# High School Marijuana Use



How many friends did you have in high school that used marijuana?



# When did you first use marijuana?



#	Answer	Response	%
1	Pre-high school	5	8%
2	During high school	10	15%
3	After high school	5	8%
4	Never have	45	69%
	Total	65	100%

# How frequently did you use marijuana in high school?



#	Answer	Response	%
1	Twice a month	6	9%
2	Twice a week	1	2%
3	Twice a day	1	2%
4	Habitually	5	8%
5	Never used	51	80%
	Total	64	100%

# College Success

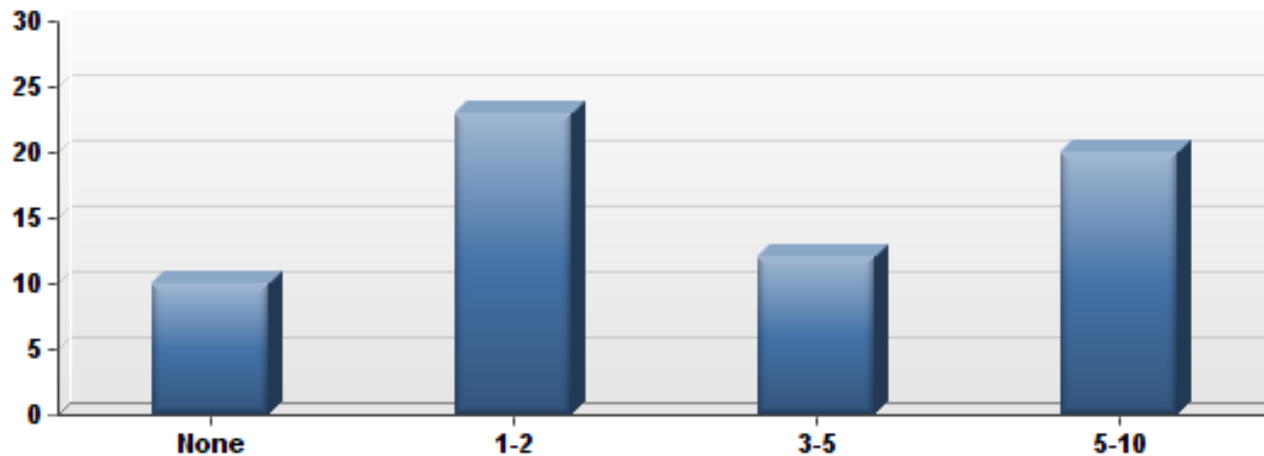


How many classes have you had to repeat in college?

#	Answer	Response	%
1	None	27	42%
2	1	13	20%
3	2	13	20%
4	3 or more	12	18%
	Total	65	100%



On average, how many classes do you miss a semester in college?

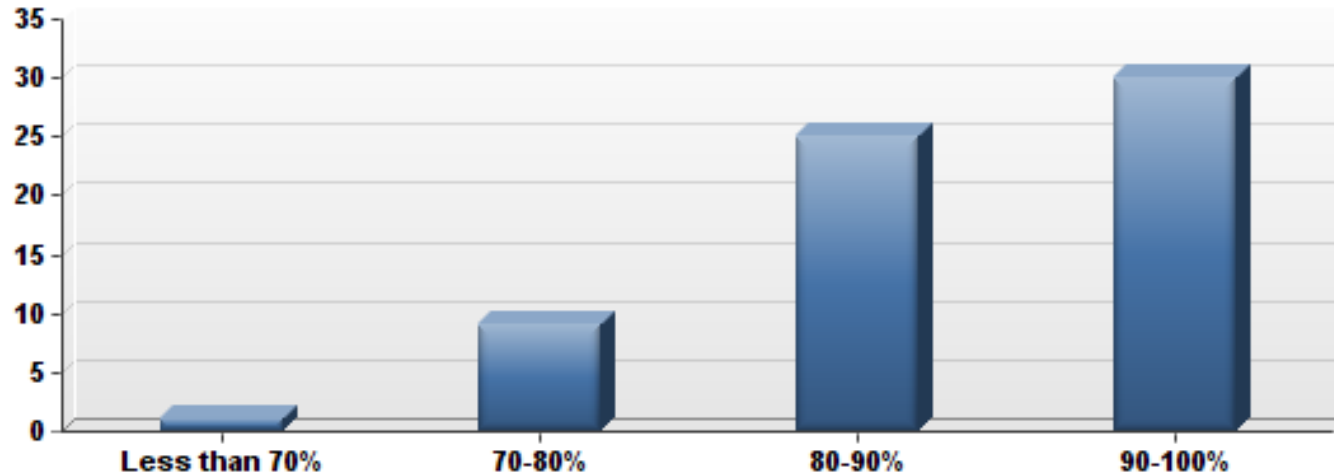


# What is your current overall GPA for college?



#	Answer	Response	%
1	1.0-2.0	1	2%
2	2.0-3.0	18	28%
3	3.0-4.0	46	71%
4	Less than 1.0	0	0%
	Total	65	100%

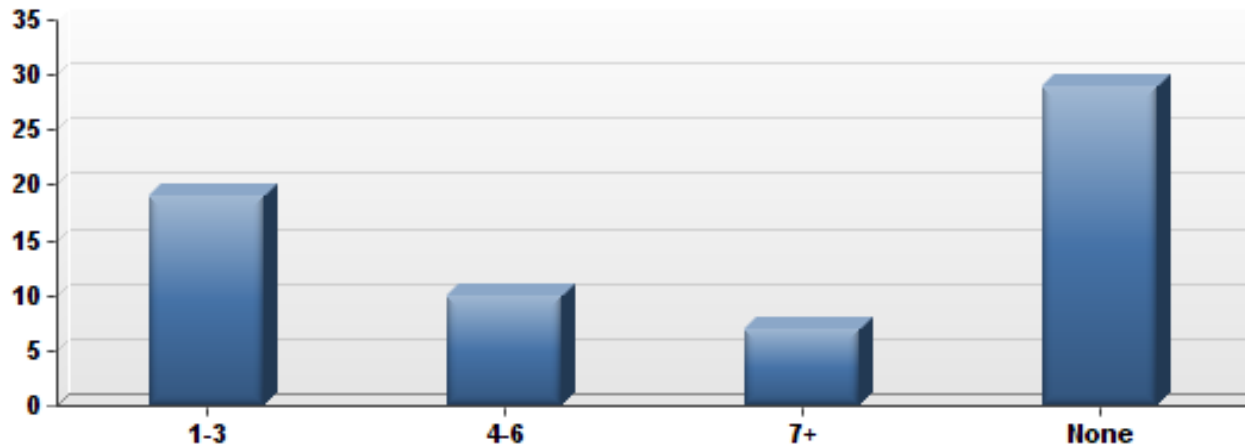
# What are your average test scores in college?



# College Marijuana Use

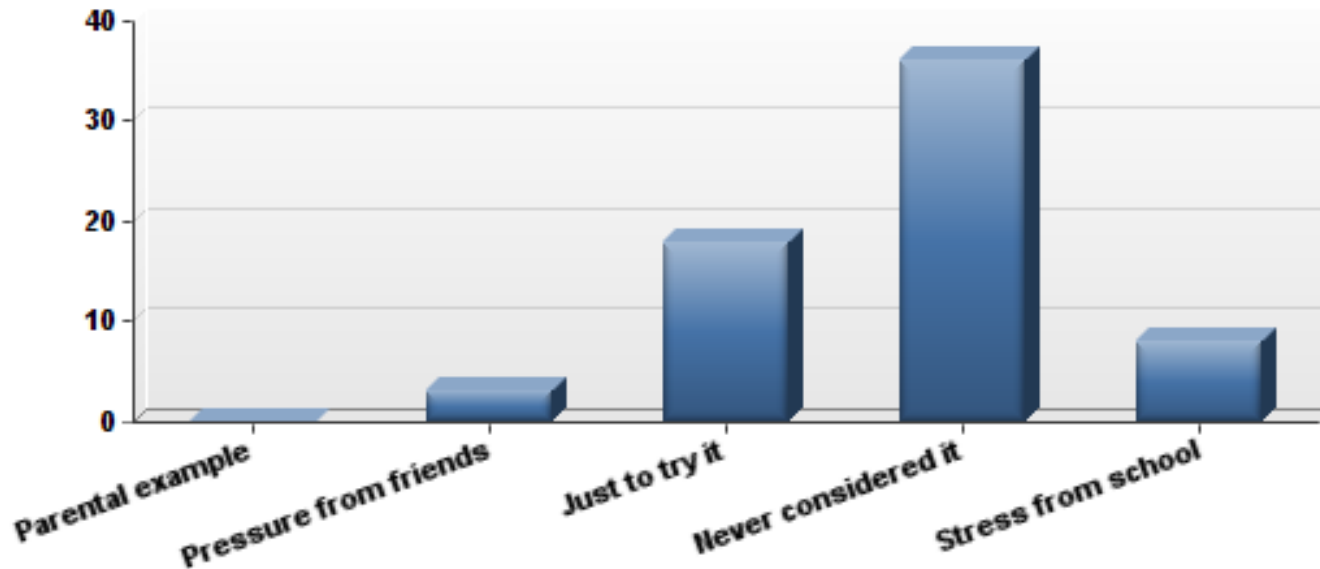


How many friends do you have now that use marijuana?





# If you have considered using marijuana, what is the main reason?



# How frequently do you use marijuana in college?



#	Answer	Response	%
1	Twice a month	5	8%
2	Twice a week	2	3%
3	Twice a day	1	2%
4	Habitually	1	2%
5	Never used	56	86%
	Total	65	100%

# Conclusion

