



Vaping Is It Worth It?

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Background

- About 37% of 12th graders reported vaping in 2018, compared with 28% in 2017.
- 28% of high school students and 11% of middle school students used e-cigarettes by 2019.
- Although the amount of smoking in teens has gone down in 2020, the number is still too high.

Purpose

Vaping has become a huge issue among young people recently. Vaping and smoking can cause negative health effects on adolescent people. We the STEM Innovators want to assess how the teens around us began vaping or how they were exposed to it.

Methods

- We conducted a survey among highschool students at our school. Our target population was highschool students ages 14-18. We sampled 15 students from grades 9-12, in total 60 students. We randomly selected 15 students from each grade during lunch time and had them complete our survey. We analyzed our results by comparing how many people had confirmed our exposure and our outcome.

Results

The Exposure of our study was social media, the outcome was vaping, and our cofounder was age. We had 60 students take participate in our study. Each of them were above the age of 15. 41 of the students vaped and all 60 used social media. Our prevalence for the exposed students was 0.540 and our prevalence for the unexposed was 0. Since our cofounder used the same numbers as our exposed and outcomes, it had the same prevalence results.

Conclusion

Our data means that most highschool students began vaping because they saw other students doing so. They also were exposed to smoking through social media such as instagram and snapchat.

In conclusion, vaping and smoking has always been a problem throughout the whole entire world. The outcome can cause you to have lung cancer. Teens and young adults have a very hard time with depression and we think that having a system to help prevent vaping and smoking is very needed in this day and time.

References

Info on Vaping.

https://www.cdc.gov/tobacco/basic_information/e-cigarettes/Quick-Facts-on-the-Risks-of-E-cigarettes-for-Kids-Teens-and-Young-Adults.html

Acknowledgments

We would like to thank the participants and our teacher Dr. Bradley.