

## University of Iowa Public Affairs Master's Student Team









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## Acknowledgement of Partners



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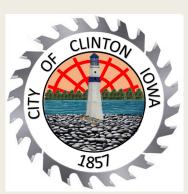
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### Clinton Demographics

City population: 24,469

20.9% of Clinton's population is under the age of 18

#### Racial make-up:

• Caucasian : 89.1%

• Black: 5.1%

• Hispanic or Latino: 4.4%

#### Problem Statement

Environmental factors, such as socioeconomic and relational characteristics, may impact a teen's potential to engage in substance abuse within Clinton County and the City of Clinton. Local youth in Clinton are at a higher risk than the state at large for experimenting with substances, specifically, alcohol, vaping, and marijuana, which may increase the risk for addiction and substance use disorders.

### Clinton Background

13.7% of residents live below the poverty line

87/99 counties in health outcomes and 90/99 counties in health factors.

The unemployment rate in Clinton County is 6.4% compared to the state average of 5.1%

### **Health Factors**

Health Factors					
Health Behaviors		Clinton (CN) County	lowa	United States	-
Adult Smoking		20%	17%	16%	~
Adult Obesity		41%	37%	32%	~
Food Environment Index		7.8	8.6	7.0	~
Physical Inactivity		25%	23%	22%	~
Access to Exercise Opportunities		67%	79%	84%	~
Excessive Drinking		23%	25%	19%	~
Alcohol-Impaired Driving Deaths	~	29%	27%	27%	~
Sexually Transmitted Infections	~	409.2	478.5	481.3	~
Teen Births		27	16	19	~

## **Health Outcomes**

Health Outcomes					
Length of Life		Clinton (CN) County	lowa	United States	_
Premature Death	<u>~</u>	7,800	6,500	7,300	~
Quality of Life		Clinton (CN) County	lowa	United States	_
Poor or Fair Health		13%	12%	12%	~
Poor Physical Health Days		3.1	2.8	3.0	~
Poor Mental Health Days		4.4	4.4	4.4	~
Low Birthweight		8%	7%	8%	~



#### Literature Review



**Informational Interviews** 

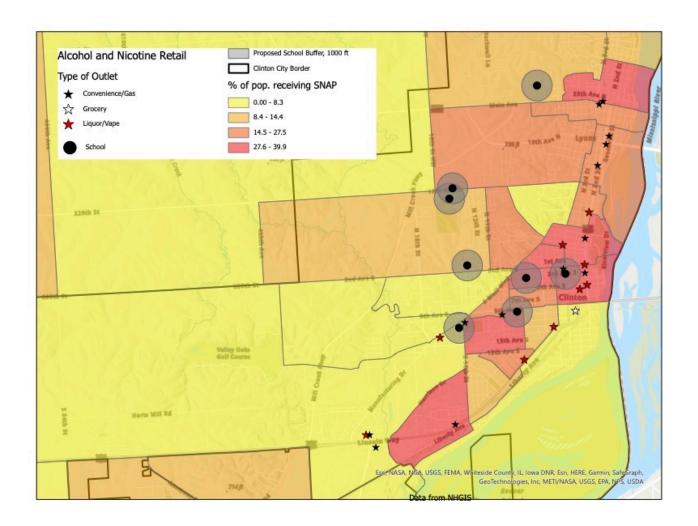


**Case Studies** 



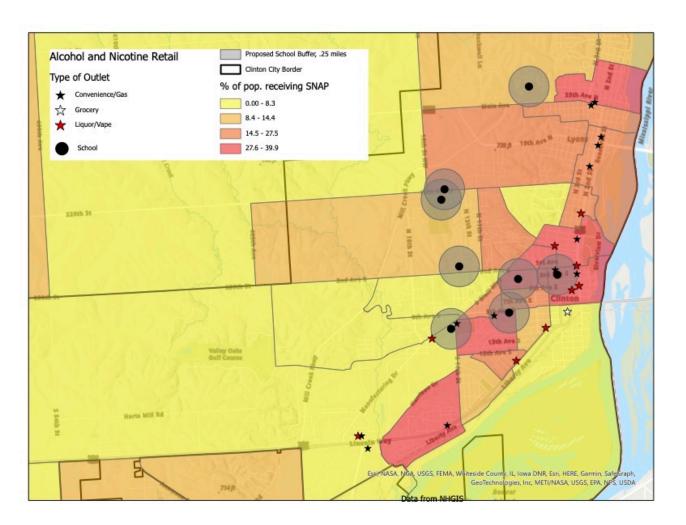
Program Analysis

## Methodology



Buffer zone option A: 1000 ft

(about three football fields in each direction)



Buffer zone option B: .25 miles



#### Home

Camanche-DeWitt Coalition >

Gateway ImpACT Coalition

Clinton CRUSH +

Clinton DEC Alliance

A



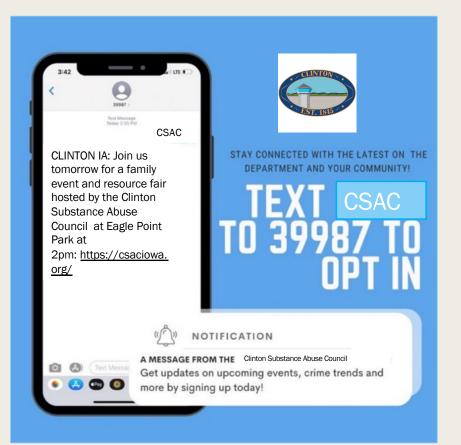
#### Increasing Parental Involvement in Youth Drug Prevention

- Update CSAC Meeting/Trainings page with up-to-date information and increase navigability.
- Offer incentives like food/refreshments/family events at trainings.
- Send out invitations for trainings through the community (churches, youth organizations, schools).
- Personalize invitations/thankyous following events/trainings.
- Incorporate parents/advocates into planning and trainings.

## REDUCING E-CIGARETTE USE IN CLINTON PUBLIC SCHOOLS



- Begin implementing Botvin at the 5th grade level in Clinton Public Schools.
- Replace suspension with positive behavior intervention and support (PBIS) or lifeconnections screening.
- Use vape detectors, electronic hall-monitors, and other deterrence tools in conjunction with behavioral based interventions.



## City Messaging Recommendations

- Media Campaigns throughout the Clinton lowa community.
  - What does the message look like?
  - Utilizing influential people in the community
    - Who are these influencers?
  - Partnering with different entities in the community
- Utilizing the Cities Text Messaging Services
- Student Advocacy
- Update Social Media and Website

# Thanks For Listening!





QUESTIONS?

### References

- Brook, J. S., Brook, D. W., De La Rosa, M., Whiteman, M., Johnson, E., & Montoya, I. (2001). Adolescent illegal drug use: the impact of personality, family, and environmental factors. Journal of behavioral medicine, 24(2), 183–203. https://doi.org/10.1023/a:1010714715534\_
- Chen, J., Grube, J. W., & Gruenewald, P. J. (2010). Community Alcohol Outlet Density and Underage Drinking. Addiction (Abingdon, England), 105(2), 270. https://doi.org/10.1111/j.1360-0443.2009.02772.x
- County Health Rankings and Roadmap. (2023). Clinton, lowa. https://www.countyhealthrankings.org/explore-health-rankings/iowa/clinton?year=2023
- Cooney, S., Small, S., & O'Connor, C. (n.d.). Strategies for participants in prevention programs. Retrieved April 20, 2023, from <a href="https://fyi.extension.wisc.edu/whatworkswisconsin/files/2014/04/whatworks-02.pdf">https://fyi.extension.wisc.edu/whatworkswisconsin/files/2014/04/whatworks-02.pdf</a>
- Isaac D. Montoya, John Atkinson & W. Clay McFaden (2003) Best Characteristics of Adolescent Gateway Drug Prevention Programs, Journal of Addictions Nursing, 14:2, 75-83, DOI: 10.1080/10884600390230466
- Montoya, I D.1; Atkinson, J1; McFaden, C.1. Best Characteristics of Adolescent Gateway Drug Prevention Programs. Journal of Addictions Nursing 14(2):p 75-83, | DOI: 10.1080/10884600390230466
- Pierre, T. L. St., Mark, M. M., Kaltreider, D. L., & Aikin, K. J. (1997). Involving Parents of High-Risk Youth in Drug Prevention: A Three-Year Longitudinal Study in Boys & Girls Clubs. The Journal of Early Adolescence, 17(1), 21–50. https://doi.org/10.1177/0272431697017001004
- United States Census Bureau. "QuickFacts Clinton City, Iowa." Census, April 1, 2020. Accessed: 27 February 2023. https://www.census.gov/quickfacts/clintoncityiowa