



CLARK COUNTY YOUTH RISK BEHAVIOR SURVEY YEAR COMPARISON

2019 versus 2021, County-Wide High School
Comparison



APRIL 12, 2022

CLARK COUNTY COMBINED HEALTH DISTRICT
529 East Home Road, Springfield, Ohio 45503

Clark County Youth Risk Behavior Survey (YRBS) Comparison

County-wide High School Results Year Comparison

Version 1.1

Introduction

The Youth Risk Behavior Survey (YRBS) is a survey that monitors health risk behaviors that contribute to the leading causes of death and disability among 9th-12th grade students. Topics include behaviors that contribute to unintentional injuries and violence, sexual behaviors, alcohol and drug use, tobacco use, dietary behaviors, physical activity, and the prevalence of obesity and asthma.

This report compares county-wide results of the High School YRBS that was administered in 2019 and in 2021 by the Clark County Combined Health District in collaboration with each individual school district and school.

Methods

A census was conducted on youth risk behavior with students across high schools in Springfield.


The survey was split into categories, including driving habits, violence and weapon carrying, sexual violence, bullying, depression and suicide, tobacco, alcohol, marijuana, drugs, sexual behavior, body weight, dietary behavior, physical activity, and miscellaneous topics.


The data collection method in this census was congruent with the CDC criteria for the YRBS, which suggests a two-stage, cluster sample design. The two-stage cluster sample design was achieved by first conducting a census of every school in the county, then randomly selecting classrooms from each school to analyze. **Since surveys administered in 2011, 2013, 2015 and 2017 were not completed using the two-stage cluster sample design and 95% confidence interval, the data collected in this YRBS CANNOT be compared with results from the Clark County YRBS surveys administered in 2011, 2013, 2015 and 2017.**


All incomplete or invalid responses were removed. Survey answers that were logically inconsistent with one another were also removed. A weight based on student sex, race, ethnicity, and grade was applied to each record to adjust for school and student nonresponse.


Significant Testing

If a “statistically significant” difference was found between the answers from 2019 to 2021, it means that there is a 95% probability that the difference was not due to chance alone. Therefore, it is very likely that something is different between the two populations regarding this topic. These differences are noted in the far-right column of the following table and are defined below.





If a percent change is trending in the positive direction, it is represented by a green arrow. 

If a percent change is trending in the negative direction, it is represented by a red arrow. 



























If a percent change is significant, it is represented by a solid arrow. 



















If a percent change is less than 1%, it is represented by a black block. 





Behavior Data Comparisons















Questions	2019 Overall %	2021 Overall %	Trend from 2019 to 2021
COVID-19 Pandemic			
Mental health was most of the time or always not good during the COVID-19 Pandemic	-	36.3%	-
Parent or other adult in their home lost their job, even for a short amount of time, during the COVID-19 Pandemic	-	21.3%	-
Driving Habits			
Rarely or never wore a seat belt when riding a car driven by someone else	9.7%	6.7%	↓
Rode in a car driven by someone who had been drinking alcohol, at least once in the past 30 days	17.5%	14.0%	↓
Drove a car after they had been drinking alcohol at least 1 time in the past 30 days	2.0%	5.6%	↑
Texted or emailed while driving at least 1 day in the past 30 days	20.0%	16.6%	↓
Violence and Weapon Carrying			
Carried a weapon on school property at least 1 day in the past 30 days	16.5%	2.7%	↓
Carried a gun at least 1 day in the past 12 months	7.8%	4.0%	↓
Did not go to school because they felt unsafe at least 1 day in the past 30 days	6.7%	9.2%	↑
Threatened or injured with a weapon on school property at least once in the past 12 months	8.7%	6.6%	↓
Involved in a physical fight at least once in the past 12 months	23.3%	20.4%	↓
Involved in a physical fight on school property at least once in the past 12 months	5.6%	6.1%	▢
Seen someone get physically attacked, beaten, stabbed, or shot in their neighborhood	-	22.7%	-
Sexual Violence			
Forced into having sexual intercourse	11.1%	9.8%	↓
Forced by anyone into doing sexual things at least once in the past 12 months	11.6%	10.8%	▢
Forced into doing sexual things by someone they were dating at least once in the past 12 months	4.7%	5.4%	▢
Physically hurt by someone they were dating at least once in the past 12 months	7.0%	5.3%	↓
Bullying			
Bullied on school property in the past 12 months	19.5%	16.3%	↓
Green arrow () shows a trend in the positive direction; Red arrow () shows a trend in the negative direction; Black box () shows a percent change less than 1%; Solid arrow () shows a statistically significant change.			

Questions	2019 Overall %	2021 Overall %	Trend from 2019 to 2021
Electronically bullied in the past 12 months	16.3%	15.9%	
Victim of teasing or name calling because of race or ethnic background in the past 12 months	-	11.8%	-
Victim of teasing or name calling because of LGBTQ+ status in the past 12 months	-	16.2%	-
Depression, Suicide and Mental Health			
Hurt themselves without wanting to kill themselves at least once in the past 12 months	22.2%	24.3%	
Felt sad or hopeless for two weeks or more in a row in the past 12 months	38.3%	40.1%	
Seriously considered attempting suicide in the past 12 months	22.0%	20.6%	
Made a plan to attempt suicide in the past 12 months	18.6%	17.2%	
Attempted suicide at least once in the past 12 months	8.0%	9.3%	
Had to be treated after a suicide attempt in the past 12 months	2.5%	2.2%	
Tobacco and Electronic Vapor Products			
Tried smoking a cigarette	23.7%	20.6%	
Smoked a cigarette before age 13 years old	10.9%	8.9%	
Smoked cigarettes at least 1 day in the past 30 days	7.8%	6.2%	
Smoked cigarettes on at least 20 days in the past 30 days	1.4%	1.0%	
Smoked more than 10 cigarettes per day in the past 30 days	0.5%	0.5%	
Tried an electronic vapor product	45.8%	35.8%	
Smoked an electronic vapor product at least once in the past 30 days	16.7%	21.1%	
Smoked an electronic vapor product 20 or more days in the past 30 days	6.7%	7.3%	
Got their electronic vapor products from a store (a vape shop, gas station, etc.) in the past 30 days	1.9%	4.0%	
Used chewing tobacco, snuff, snus, etc. 1 day or more in the past 30 days	6.7%	3.6%	
Smoked cigars, cigarillos, or little cigars on 1 day or more in the past 30 days	7.5%	3.7%	
Did not try to quit using all tobacco products in the past 12 months	13.1%	12.6%	
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Questions	2019 Overall %	2021 Overall %	Trend from 2019 to 2021
Alcohol			
Had their first drink of alcohol before age 13 years old	18.0%	15.7%	
Had at least one drink of alcohol on at least 1 day in the past 30 days	26.9%	23.3%	
Usually got their alcohol from someone else in the past 30 days	12.2%	17.3%	
Had 5 drinks or more in row in the past 30 days	10.0%	8.3%	
Had 4 drinks or more (female) or 5 drinks or more (male) on at least 1 day in the past 30 days	12.2%	10.0%	
Marijuana			
Had used marijuana at least once in their life	37.2%	28.4%	
Tried marijuana for the first time before age 13 years old	8.3%	6.9%	
Used marijuana at least once in the past 30 days	20.0%	17.0%	
Drugs			
Have used synthetic marijuana at least once in their life	11.4%	9.0%	
Have taken non-prescribed pain medication or misused it at least once in their life	19.7%	12.7%	
Have used any form of cocaine at least once in their life	5.8%	3.0%	
Have sniffed glue, aerosols, paints to get high at least once in their life	8.9%	7.1%	
Have used heroin at least once in their life	3.9%	2.5%	
Have used methamphetamines at least once in their life	4.8%	2.7%	
Have used ecstasy at least once in their life	6.7%	4.0%	
Used a needle to inject an illegal drug at least once	3.4%	2.2%	
Had been offered, sold, or given an illegal drug on school property	18.4%	10.9%	
Lived with someone who was having a problem with alcohol or drug use	-	31.6%	-
Sexual Behavior			
Have had sexual intercourse	42.5%	31.7%	
First had sexual intercourse before age 13 years old	2.2%	3.5%	
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Questions	2019 Overall %	2021 Overall %	Trend from 2019 to 2021
Had sex with 4 or more people in their life	9.2%	1.0%	
Had sex with at least one person in the past 3 months	30.9%	25.0%	
Used alcohol or drugs the last time before sex	7.8%	5.1%	
Used a condom when they last had sex	47.3%	15.2%	
Did not use any method to prevent pregnancy when they last had sex	6.7%	4.0%	
Have been or gotten someone pregnant at least once	-	1.9%	-
Had sexual contact with both males and females	4.2%	5.5%	
Are non-heterosexual (LGBTQ+)	12.2%	16.5%	
Body Weight			
Self-describe as slightly or very overweight	33.1%	37.2%	
Not trying to do anything with their weight	17.5%	18.7%	
Tried to lose or keep from gaining weight in the past 30 days by not eating, taking diet pills, vomiting, taking laxatives or skipping meals	-	25.4%	-
Dietary Behavior			
Did not drink 100% fruit juice in the past 7 days	32.0%	37.3%	
Did not eat fruit in the past 7 days	13.0%	17.3%	
Did not eat green salad in the past 7 days	44.5%	49.9%	
Did not eat potatoes in the past 7 days	40.2%	39.1%	
Did not eat carrots in the past 7 days	59.7%	59.7%	
Did not eat other vegetables in the past 7 days	23.4%	26.6%	
Drank a soda or pop at least once per day in the past 7 days	21.6%	27.0%	
Did not drink a glass of milk at least once in the past 7 days	28.9%	34.2%	
Did not eat breakfast on at least 1 day in the past 7 days	73.0%	78.1%	

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Questions	2019 Overall %	2021 Overall %	Trend from 2019 to 2021
Physical Activity			
Were active for 60 minutes per day less than 5 days in the past 7 days	53.4%	49.5%	
Spent at least 3 hours a day in front of a TV, computer, other electronic device watching shows or videos playing games or on the internet on an average school day	-	69.1%	-
Do not play on any sports teams in the past 12 months	39.5%	44.8%	
Got a concussion from playing a sport or being active at least once in the past 12 months	17.5%	14.0%	
Other Health Topics/Miscellaneous			
Have ever had sex education in school	-	68.0%	-
At least sometimes went hungry because there wasn't enough food at home in the last 30 days	14.4%	10.3%	
Have ever been tested for HIV	9.2%	5.1%	
Have ever been tested for a STD other than HIV in the past 12 months	9.5%	4.3%	
Have not seen a dentist at least once in 12 months or more	23.1%	24.9%	
Mental health was often not good at least most of the time during the past 30 days	-	29.2%	-
Get 4 hours or less of sleep on a school night	10.3%	11.3%	
Slept somewhere else besides their parent/guardians, family member or friends house in the past 30 days	4.5%	5.7%	
Did not have a usual place to sleep during the past 30 days	0.0%	0.4%	
Rarely or never felt safe and secure in their neighborhood	-	6.3%	-
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Record of Change

Version	Changes Made	Date	Name
1	Arrows Added	4/5/2022	Brenna Heinle
1.1	Significance Added	4/8/2022	Daisy Okpa