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# CLARK COUNTY YOUTH RISK BEHAVIOR SURVEY 10-YEAR COMPARISON

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2009 versus 2019, County-Wide High School  
Comparison



FEBRUARY 6, 2020

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

# Clark County Youth Risk Behavior Survey (YRBS)

## County-wide High School Results 10-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 9<sup>th</sup>-12<sup>th</sup> 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 2009 and in 2019 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 Clark County.

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 these censuses were 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 2009 to 2019, 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	2009 Overall %	2019 Overall %	Trend from 2009 to 2019
<b>Driving Habits</b>			
Rarely or never wore a seat belt when riding a car driven by someone else	12.8%	9.7%	
Rode in a car driven by someone who had been drinking alcohol, at least once in the past 30 days	23.0%	17.5%	
Texted or emailed while driving at least 1 day in the past 30 days	-	20.0%	-
Drove a car after they had been drinking alcohol at least 1 time in the past 30 days	9.2%	2.0%	
<b>Violence and Weapon Carrying</b>			
Carried a weapon (gun, knife, club) at least 1 day in the past 30 days	19.1%	16.5%	
Carried a weapon on school property at least 1 day in the past 30 days	4.5%	2.6%	
Threatened or injured with a weapon on school property at least once in the past 12 months	7.4%	8.7%	
Carried a gun at least 1 day in the past 12 months	-	7.8%	-
Did not go to school because they felt unsafe at least 1 day in the past 30 days	4.9%	6.7%	
Involved in a physical fight at least once in the past 12 months	29.0%	23.3%	
Involved in a physical fight on school property at least once in the past 12 months	9.0%	5.6%	
<b>Sexual Violence</b>			
Forced by anyone into doing sexual things at least once in the past 12 months	-	11.6%	-
Forced into having sexual intercourse	9.2%	11.1%	
Forced into doing sexual things by someone they were dating at least once in the past 12 months	-	4.7%	-
Physically hurt by someone they were dating at least once in the past 12 months	12.0%	7.0%	
<b>Bullying</b>			
Bullied on school property in the past 12 months	19.5%	19.5%	
Electronically bullied in the past 12 months	-	16.3%	-
<b>Depression, Suicide and Mental Health</b>			
Seriously considered attempting suicide in the past 12 months	16.0%	22.0%	
Made a plan to attempt suicide in the past 12 months	12.9%	18.6%	



















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





Questions	2009 Overall %	2019 Overall %	Trend from 2009 to 2019
Attempted suicide at least once in the past 12 months	7.6%	8.0%	
Had to be treated after a suicide attempt in the past 12 months	2.5%	2.5%	
Felt sad or hopeless for two weeks or more in a row in the past 12 months	28.9%	38.3%	
Rarely or never got the help needed when feeling sad, empty, hopeless, angry or anxious	-	39.7%	-
Hurt themselves without wanting to kill themselves at least once in the past 12 months	16.8%	22.2%	
At least 3 days in the past 30 days, their mental health was not good	-	52.5%	-
<b>Tobacco and Electronic Vapor Products</b>			
Tried smoking a cigarette	47.7%	23.7%	
Smoked a cigarette before age 13 years old	13.5%	10.9%	
Smoked cigarettes at least 1 day in the past 30 days	8.8%	7.8%	
Smoked cigarettes on at least 20 days in the past 30 days	-	1.4%	-
Smoked more than 10 cigarettes per day in the past 30 days	10.4%	0.5%	
Tried an electronic vapor product	-	45.8%	-
Smoked an electronic vapor product at least once in the past 30 days	-	16.7%	-
Smoked an electronic vapor product 20 or more days in the past 30 days	-	6.7%	-
Got their electronic vapor products from a store (a vape shop, gas station, etc.) in the past 30 days	-	1.9%	-
Thought electronic vapor products are less harmful than other forms of tobacco	-	2.5%	-
Used chewing tobacco, snuff, snus, etc. 1 day or more in the past 30 days	10.9%	6.7%	
Smoked cigars, cigarillos, or little cigars on 1 day or more in the past 30 days	15.3%	7.5%	
Did not try to quit using all tobacco products in the past 12 months	-	13.1%	-
<b>Alcohol</b>			
Had at least one drink of alcohol 1 day or more in their life	75.2%	52.7%	
Had their first drink of alcohol before age 13 years old	20.7%	18.0%	




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Questions	2009 Overall %	2019 Overall %	Trend from 2009 to 2019
Had at least one drink of alcohol on at least 1 day in the past 30 days	39.9%	26.9%	
Usually got their alcohol from someone else in the past 30 days	18.0%	12.2%	
Had 5 drinks or more in row in the past 30 days	27.5%	10.0%	
Had 4 drinks or more (female) or 5 drinks or more (male) on at least 1 day in the past 30 days	-	12.2%	-
<b>Marijuana</b>			
Had used marijuana at least once in their life	35.5%	37.2%	
Tried marijuana for the first time before age 13 years old	9.4%	8.3%	
Used marijuana at least once in the past 30 days	20.2%	20.0%	
Stated that their parents would approve or not care if they smoked marijuana	-	17.2%	-
<b>Drugs</b>			
Used a needle to inject an illegal drug at least once	3.1%	3.4%	
Had been offered, sold, or given an illegal drug on school property	-	18.4%	-
Have used any form of cocaine at least once in their life	6.1%	5.8%	
Have sniffed glue, aerosols, paints to get high at least once in their life	11.3%	8.9%	
Have used heroin at least once in their life	3.4%	3.9%	
Have used methamphetamines at least once in their life	4.7%	4.8%	
Have used ecstasy at least once in their life	6.0%	6.7%	
Have used synthetic marijuana at least once in their life	-	11.4%	-
Have used non-prescribed steroid pills or shots at least once in their life	4.0%	4.5%	
Have taken non-prescribed pain medication or misused it at least once in their life	-	19.7%	-
<b>Sexual Behavior</b>			
Have had sexual intercourse	51.3%	42.5%	
First had sexual intercourse before age 13 years old	7.1%	2.2%	

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Questions	2009 Overall %	2019 Overall %	Trend from 2009 to 2019
Had sex with 4 or more people in their life	14.0%	9.2%	
Had sex with at least one person in the past 3 months	36.1%	30.9%	
Used alcohol or drugs the last time before sex	11.5%	7.8%	
Used a condom when they last had sex	55.4%	47.3%	
Did not use any method to prevent pregnancy when they last had sex	6.0%	6.7%	
Had sexual contact with both males and females	-	4.2%	-
Are non-heterosexual (LGBT)	-	12.2%	-
<b>Body Weight</b>			
Self-describe as slightly or very overweight	34.2%	33.1%	
Not trying to do anything with their weight	18.0%	17.5%	
<b>Dietary Behavior</b>			
Did not drink 100% fruit juice in the past 7 days	21.7%	32.0%	
Did not eat fruit in the past 7 days	11.8%	13.0%	
Did not eat green salad in the past 7 days	39.7%	44.5%	
Did not eat potatoes in the past 7 days	27.3%	40.2%	
Did not eat carrots in the past 7 days	55.5%	59.7%	
Did not eat other vegetables in the past 7 days	15.0%	23.4%	
Drank a soda or pop at least once per day in the past 7 days	33.4%	21.6%	
Did not drink a glass of milk at least once in the past 7 days	15.0%	28.9%	
Did not eat breakfast on at least 1 day in the past 7 days	-	73.0%	-
<b>Physical Activity</b>			
Were active for 60 minutes per day less than 5 days in the past 7 days	53.1%	53.4%	
Spent at least 3 hours a day watching TV on an average school day	27.4%	21.6%	
Spent at least 3 hours a day playing video or computer games on an average school day	21.0%	46.6%	

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Questions	2009 Overall %	2019 Overall %	Trend from 2009 to 2019
Do not play on any sports teams in the past 12 months	<b>41.0%</b>	<b>39.5%</b>	
Got a concussion from playing a sport or being active at least once in the past 12 months	-	<b>17.5%</b>	-
<b>Other Health Topics</b>			
Have ever been tested for HIV	-	<b>9.2%</b>	-
Have ever been tested for a STD other than HIV	-	<b>9.5%</b>	-
Have never been taught at school where to find sexual health services, birth control or STD testing	-	<b>44.5%</b>	-
Have been told they have asthma by a doctor or nurse	<b>23.8%</b>	<b>27.5%</b>	
Have not seen a dentist at least once in 12 months or more	<b>27.6%</b>	<b>23.1%</b>	
Get 4 hours or less of sleep on a school night	-	<b>10.3%</b>	-
<b>Miscellaneous</b>			
At least sometimes went hungry because there wasn't enough food at home in the last 30 days	-	<b>14.4%</b>	-
Self-describe their grades as mostly D's or worse in the past 12 months	-	<b>3.6%</b>	-
Slept away from their parents/guardians home because they were kicked out, ran away or were abandoned in the past 30 days	-	<b>6.7%</b>	-
Slept somewhere else besides their parent/guardians, family member or friends house in the past 30 days	-	<b>4.5%</b>	-
Did not have a usual place to sleep during the past 30 days	-	<b>0.0%</b>	-

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### Record of Change

Version	Changes Made	Date	Name
1	YRBS Data analyzed and report created	2/5/2020	B. Heinle
1.1	Arrow style changed	2/6/2020	B. Heinle