

CLARK COUNTY YOUTH RISK BEHAVIOR SURVEY

2019 County-Wide Middle School Results



FEBRUARY 6, 2020

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

Clark County Youth Risk Behavior Survey (YRBS) 2019

County-wide Middle School Results

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 7th-8th 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 describes county-wide results of the High School YRBS that was administered in October 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 2,846 students across 11 middle schools in Clark County:

Participating Schools						
Catholic Central Jr. High School	Roosevelt Middle School					
Global Impact Stem Academy (7-8)	Schaefer Middle School					
Greenon Jr. High School	Shawnee Middle School					
Hayward Middle School	South Vienna Middle School					
Northridge Middle School	Southeastern Jr. High School					
Northwestern Jr. High School						

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.

Demographic variables, including age, sex, race, ethnicity, grade, sexual orientation and gender identity, were reported. The percent (%) and 95% confidence interval were also reported for each question. Additionally, each response was analyzed by sex and age.

The overall response rate for the county-wide middle schools was 70.92%. The cutoff for a representative response rate was 60%, therefore this is considered a representative portion of the population.

Key Findings:

Population Demographics

- 98.6% of students were 12-14 years old.
- 99.1% of students were in 7th-8th grade.
- 8.2% of students identified as Hispanic.
- 8.5% of students identified as multiple races.
- 0.3% of students identified as transgender.

Behavioral Data

Safety:

- 68.8% of students rarely or never wore a helmet when riding a bicycle.
- 24.0% of students rode in a car driven by someone who had been drinking alcohol in the past 30 days.

Violence and Weapon Carrying:

44.2% of students had been involved in a physical fight.

Bullying:

- 38.3% of students had been bullied on school property
 - o 61.1% of those students were female.
- 20.1% of students had been electronically bullied (Facebook, Instagram, texting)
 - o 73.5% of those students were female

Depression, Suicide and Mental Health:

- 22.2% of students seriously thought about killing themselves.
 - o 69.5% of those students were female.
- 15.8% of students made a plan to attempt to kill themselves.
 - 72.2% of those students were female.
- 21.7% of students hurt themselves without wanting to kill themselves at least once in the past 12 months.
 - o 66.0% of those students were female.
- 40.2% of students said that at least 3 days in the past 30 days, their mental health was not good.
 - 68.3% of those students were female.

Tobacco:

- 9.3% of students tried smoking a cigarette.
- 18.9% of students tried an electronic vapor product.

Alcohol:

29.0% of students had at least one drink of alcohol.

Marijuana:

11.6 % of students had used marijuana at least once in their life.

Drugs:

- 5.3% of students had sniffed glue, aerosols, and paints to get high at least once in their life.
 - o 61.6% of those students were male.
- 6.5% of students had taken non-prescribed pain medication or misused it at least once in their life.
 - 71.5% of those students were female.

Sexual Behavior:

4.4% of students have had sexual intercourse.

Body Weight:

29.8% of students self-describe as slightly or very overweight.

Dietary Behavior:

65.2% of students did not eat breakfast on at least 1 day in the past 7 days.

Physical Activity:

• 47.0% of students spent at least 3 hours a day playing video or computer games on an average school day.

Other Health Topics:

17.5% of students have been told by a doctor or nurse that they have asthma.

Miscellaneous

12.6% of students at least sometimes went hungry because there wasn't enough food at home in the last 30

Results

Population Demographics

	0	% of Overall Who Are:		
Categories	Overall %	Female	Male	
Age of Students				
11 years ¹	0.3%	0.0%	100%	
12 years ¹	32.6%	50.4%	49.6%	
13 years ¹	48.6%	49.8%	50.2%	
14 years ¹	17.4%	43.9%	56.1%	
15 years ¹	0.6%	42.1%	57.9%	
16 years or older ¹	0.5%	100%	0.0%	
NA or did not answer	0.0%	0.0%	0.0%	
Grade				
6th grade	0.0%	0.0%	0.0%	
7th grade	50.6%	45.9%	54.1%	
8th grade	48.5%	52.1%	47.9%	
Ungraded or other	0.9%	53.8%	46.2%	
NA or did not answer	0.0%	0.0%	0.0%	
Hispanic or Latino				
Yes ²	8.2%	42.7%	57.3%	
No ²	86.1%	49.1%	50.9%	
NA or did not answer	5.7%	56.2%	43.8%	
Race				
Multi-race ¹	8.5%	48.3%	51.7%	
American Indian or Alaska Native ¹	4.5%	40.6%	59.4%	
Asian ¹	0.9%	0.0%	100%	
Black or African American ¹	13.1%	42.1%	57.9%	
Native Hawaiian or Other Pacific Islander ¹	0.7%	25.0%	75.0%	
White ¹	68.6%	51.7%	48.3%	
NA or did not answer	3.7%	51.9%	48.1%	
Sex				
Female ²	49.0%	-	-	
Male ²	51.0%	-	-	
NA or did not answer	0.0%	-	-	
Gender Identity				
Transgender ^{1,2}	0.3%	100%	0.0%	
Not Transgender ^{1,2}	92.8%	48.0%	52.0%	
Unsure if Transgender ^{1,2}	4.5%	67.7%	32.3%	
Do not know what the question is asking ^{1,2}	1.8%	46.0%	54.0%	
NA or did not answer	0.6%	38.9%	61.1%	

¹Indicates a significant difference (p<0.05) between sexes (female and male) and the specified demographic.

² Indicates a significant difference (p<0.05) between ages (11 years, 12 years, 13 years, 14 years, 15 years, and ≥16 years old) and the specified demographic.

Behavior Data

Questions	Overall %	% of Overall Who Are:		
Questions	(95% Confidence Interval)	Female	Male	
Safety				
Rarely or never wore a helmet when riding a bicycle	68.8% (67.1-70.5%)	48.1%	51.9%	
Rarely or never wore a helmet when rollerblading or riding a skateboard	32.3% (30.6-34.0%)	51.1%	48.9%	
Rarely or never wore a seat belt when riding a car driven by someone else ³	5.2% (4.4-6.0%)	31.1%	68.9%	
Rode in a car driven by someone who had been drinking alcohol ³	24.0% (22.5-25.6%)	58.8%	41.2%	
Violence and Weapon Carrying				
Carried a weapon (gun, knife, club) ³	32.5% (30.7-34.2%)	32.5%	67.5%	
Involved in a physical fight ³	44.2% (42.4-46.0%)	35.1%	64.9%	
Bullying				
Bullied on school property ³	38.3% (36.5-40.0%)	61.1%	38.9%	
Electronically bullied (Facebook, Instagram, texting) ³	20.1% (18.7-21.6%)	73.5%	26.5%	
Bullied not on school property in the past 12 months ³	14.6% (13.3-15.8%)	61.1%	38.9%	
Depression, Suicide and Mental Health				
Seriously thought about killing yourself (suicide) ³	22.2% (20.7-23.7%)	69.5%	30.5%	
Made a plan to attempt to kill yourself (suicide) ³	15.8% (14.5-17.1%)	72.2%	27.8%	
Attempted to kill yourself (suicide) ³	9.5% (8.4-10.6%)	68.5%	31.5%	
Hurt themselves without wanting to kill themselves at least once in the past 12 months ³	21.7% (20.2-23.2%)	66.0%	34.0%	
At least 3 days in the past 30 days, their mental health was not good ³	40.2% (38.4-42.0%)	68.3%	31.7%	
Rarely or never got the help needed when feeling sad, empty, hopeless, angry or anxious.	33.0% (31.3-34.7%)	47.0%	53.0%	
Strongly agree or agree that they feel alone in their life ³	17.7% (16.3-19.1%)	68.1%	31.9%	
Tobacco				
Tried smoking a cigarette ³	9.3% (8.2-10.3%)	58.3%	41.7%	
Smoked a cigarette before age 10 years old ³	1.6% (1.1-2.0%)	100%	0.0%	
Smoked cigarettes at least 1 day in the past 30 days	1.7% (1.2-2.2%)	62.5%	37.5%	
Smoked cigarettes on at least 20 days in the past 30 days ³	0.5% (0.2-0.7%)	100%	0.0%	
Smoked at least 1 cigarette per day in the past 30 days ³	1.0% (0.7-1.4%)	70.0%	30.0%	
Used an electronic vapor product	18.9% (17.5-20.4%)	52.5%	47.5%	
Smoked an electronic vapor product at least once in the past 30 days ³	9.4% (8.3-10.4%)	65.9%	34.1%	
3				

³ Indicates a significant difference (p<0.05) between sexes (female and male) and the specified question.

Overall %	% of Overall Who Are:			
(95% Confidence Interval)	Female	Male		
0.0% (0.0-0.0%)	0.0%	0.0%		
1.0% (0.6-1.4%)	37.9%	62.1%		
1.9% (1.4-2.4%)	66.7%	33.3%		
0.9% (0.6-1.3%)	100%	0.0%		
29.0% (27.3-30.7%)	45.8%	54.2%		
5.2% (4.3-6.0%)	41.5%	58.5%		
11.6% (10.4-12.8%)	60.0%	40.0%		
1.1% (0.7-1.5%)	32.3%	67.7%		
4.0% (3.2-4.7%)	52.2%	47.8%		
0.7% (0.4-1.0%)	35.0%	65.0%		
5.3% (4.5-6.1%)	61.6%	38.4%		
2.1% (1.6-2.7%)	54.1%	45.9%		
6.5% (5.6-7.4%)	71.5%	28.5%		
4.4% (3.7-5.2%)	58.7%	41.3%		
0.8% (0.5-1.1%)	100%	0.0%		
0.0% (0.0-0.0%)	0.0%	0.0%		
90.1% (89.0-91.2%)	49.4%	50.6%		
29.8% (28.2-31.5%)	51.7%	48.3%		
20.8% (19.3-22.3%)	50.7%	49.3%		
65.2% (63.5-67.0%)	52.7%	47.3%		
39.2% (37.4-41.0%)	58.0%	42.0%		
	(95% Confidence Interval) 0.0% (0.0-0.0%) 1.0% (0.6-1.4%) 1.9% (1.4-2.4%) 0.9% (0.6-1.3%) 29.0% (27.3-30.7%) 5.2% (4.3-6.0%) 11.6% (10.4-12.8%) 1.1% (0.7-1.5%) 4.0% (3.2-4.7%) 0.7% (0.4-1.0%) 5.3% (4.5-6.1%) 2.1% (1.6-2.7%) 6.5% (5.6-7.4%) 4.4% (3.7-5.2%) 0.8% (0.5-1.1%) 0.0% (0.0-0.0%) 90.1% (89.0-91.2%) 29.8% (28.2-31.5%) 20.8% (19.3-22.3%)	(95% Confidence Interval) Female 0.0% (0.0-0.0%) 0.0% 1.0% (0.6-1.4%) 37.9% 1.9% (1.4-2.4%) 66.7% 0.9% (0.6-1.3%) 100% 29.0% (27.3-30.7%) 45.8% 5.2% (4.3-6.0%) 41.5% 11.6% (10.4-12.8%) 60.0% 1.1% (0.7-1.5%) 32.3% 4.0% (3.2-4.7%) 52.2% 0.7% (0.4-1.0%) 35.0% 5.3% (4.5-6.1%) 61.6% 2.1% (1.6-2.7%) 54.1% 6.5% (5.6-7.4%) 71.5% 4.4% (3.7-5.2%) 58.7% 0.8% (0.5-1.1%) 100% 0.0% (0.0-0.0%) 90.1% (89.0-91.2%) 49.4% 29.8% (28.2-31.5%) 51.7% 20.8% (19.3-22.3%) 50.7%		

³ Indicates a significant difference (p<0.05) between sexes (female and male) and the specified question.

Overtions	Overall %	% of Overall Who Are:		
Questions	(95% Confidence Interval)	Female	Male	
Spent at least 3 hours a day watching TV on an average school day ³	23.7% (22.1-25.2%)	62.3%	37.7%	
Spent at least 3 hours a day playing video or computer games on an average school day	47.0% (45.2-48.9%)	50.9%	49.1%	
Did not go to PE classes at school in an average week ³	43.3% (41.5-45.1%)	55.0%	45.0%	
Did not go to PE classes at school every day of the school week ³	59.1% (57.3-60.9%)	53.4%	46.6%	
Do not play on any sports teams in the past 12 months ³	37.6% (35.8-39.4%)	52.8%	47.2%	
Got a concussion from playing a sport or being active at least once in the past 12 months ³	16.7% (15.4-18.1%)	39.0%	61.0%	
Other Health Topics				
Have been told they have asthma by a doctor or nurse ³	17.5% (16.1-18.9%)	58.2%	41.8%	
Get 4 hours or less of sleep on a school night ³	6.8% (5.9-7.7%)	64.9%	35.1%	
Miscellaneous				
Self-describe their grades as mostly D's or worse in the past 12 months ³	2.7% (2.1-3.3%)	19.5%	80.5%	
At least sometimes went hungry because there wasn't enough food at home in the last 30 days ^{3,4}	12.6% (11.4-13.9%)	55.7%	44.3%	
Slept somewhere else besides their parent/guardians, family member or friends house in the past 30 days	0.9% (0.6-1.3%)	66.7%	33.3%	
Did not have a usual place to sleep during the past 30 days	0.0% (0.0-0.0%)	0.0%	0.0%	

³ Indicates a significant difference (p<0.05) between sexes (female and male) and the specified question.

⁴ Indicates a significant difference (p<0.05) between races (Multi-race, American Indian or Alaska Native, Asian, Black or African American, Native Hawaiian or Pacific Islander, and White) and the specified question.

Quantition	O 0/	% of Overall Who Are:							
Questions	Overall %	11 Years	12 Years	13 Years	14 Years	15 Years	≥16 Years		
Driving Habits									
Rarely or never wore a helmet when riding a bicycle ⁵	68.8%	0.5%	32.4%	46.8%	19.4%	0.9%	0.0%		
Rarely or never wore a helmet when rollerblading or riding a skateboard ⁵	32.3%	0.0%	26.9%	50.9%	21.3%	0.9%	0.0%		
Rarely or never wore a seat belt when riding a car driven by someone else ⁵	5.2%	0.0%	7.4%	68.9%	18.2%	5.4%	0.0%		
Rode in a car driven by someone who had been drinking alcohol ⁵	24.0%	0.0%	28.8%	47.2%	22.8%	1.2%	0.0%		
Violence and Weapon Carrying									
Carried a weapon (gun, knife, club) 5	32.5%	0.0%	26.5%	52.5%	20.1%	0.9%	0.0%		
Involved in a physical fight⁵	44.2%	0.0%	22.2%	55.3%	20.6%	0.9%	1.1%		
Bullying									
Bullied on school property ⁵	38.3%	0.0%	40.6%	40.2%	18.5%	0.7%	0.0%		
Electronically bullied (Facebook, Instagram, texting) ⁵	20.1%	0.0%	34.8%	43.7%	20.0%	1.4%	0.0%		
Bullied not on school property in the past 12 months ⁵	14.6%	0.0%	46.7%	27.2%	20.7%	1.9%	3.4%		
Depression, Suicide and Mental Health									
Seriously thought about killing yourself (suicide) ⁵	22.2%	0.0%	26.5%	50.6%	23.0%	0.0%	0.0%		
Made a plan to attempt to kill yourself (suicide) ⁵	15.8%	0.0%	28.2%	41.8%	25.1%	1.8%	3.1%		
Attempted to kill yourself (suicide) ⁵	9.5%	0.0%	22.2%	51.9%	17.8%	3.0%	5.2%		
Hurt themselves without wanting to kill themselves at least once in the past 12 months ⁵	21.7%	0.0%	33.6%	47.8%	15.0%	1.3%	2.3%		
At least 3 days in the past 30 days, their mental health was not good ⁵	40.2%	0.0%	31.8%	46.2%	20.0%	0.7%	1.2%		
Rarely or never got the help needed when feeling sad, empty, hopeless, angry or anxious 5	33.0%	0.0%	33.4%	47.1%	18.6%	0.9%	0.0%		
Strongly agree or agree that they feel alone in their life ⁵	17.7%	0.0%	28.7%	54.9%	14.8%	1.6%	0.0%		

⁵ Indicates a significant difference (p<0.05) between ages (11 years, 12 years, 13 years, 14 years, 15 years and ≥16 years old) and the specified question.

Quantitati	O	% of Overall Who Are:						
Questions	Overall %	11 Years	12 Years	13 Years	14 Years	15 Years	≥16 Years	
Горассо								
Tried smoking a cigarette⁵	9.3%	0.0%	15.9%	47.7%	31.1%	0.0%	5.3	
Smoked a cigarette before age 10 years old	1.6%	0.0%	35.6%	42.2%	22.2%	0.0%	0.0%	
Smoked cigarettes at least 1 day in the past 30 days ⁵	1.7%	0.0%	18.4%	32.7%	20.4%	0.0%	28.6%	
Smoked cigarettes on at least 20 days in the past 30 days ⁵	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	
Smoked at least 1 cigarette per day in the past 30 days ⁵	1.0%	0.0%	0.0%	53.3%	0.0%	0.0%	46.7%	
Used an electronic vapor product ⁵	18.9%	0.0%	15.0%	59.9%	23.6%	1.5%	0.0%	
Smoked an electronic vapor product at least once in the past 30 days ⁵	9.4%	0.0%	19.5%	50.6%	27.0%	3.0%	0.0%	
Got their electronic vapor products from a store (a vape shop, gas station, etc.) in the past 30 days	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Thought electronic vapor products are less harmful than other forms of tobacco ⁵	1.0%	0.0%	0.0%	100%	0.0%	0.0%	0.0%	
Used chewing tobacco, snuff, snus, etc. 1 day or more in the past 30 days	1.9%	0.0%	16.7%	64.8%	18.5%	0.0%	0.0%	
Smoked cigars, cigarillos, or little cigars on 1 day or more in the past 30 days ⁵	0.9%	0.0%	0.0%	63.0%	37.0%	0.0%	0.0%	
Alcohol								
Had at least one drink of alcohol ⁵	29.0%	0.0%	21.7%	53.0%	23.6%	0.0%	1.7%	
Had their first drink of alcohol before age 10 years old ⁵	5.2%	0.0%	35.8%	58.1%	6.1%	0.0%	0.0%	
Marijuana								
Have used marijuana at least once in their life ⁵	11.6%	0.0%	6.9%	63.1%	27.5%	2.4%	0.0%	
Tried marijuana for the first time before age 10 years old ⁵	1.1%	0.0%	0.0%	67.7%	32.3%	0.0%	0.0%	
Stated that their parents would approve or not care if they smoked marijuana	4.0%	0.0%	30.1%	53.1%	16.8%	0.0%	0.0%	

⁵ Indicates a significant difference (p<0.05) between ages (11 years, 12 years, 13 years, 14 years, 15 years and ≥16 years old) and the specified question.

Overtime	O	% of Overall Who Are:						
Questions	Overall % 11 Years 12 Years 13 Years		13 Years	14 Years	15 Years	≥16 Years		
Drugs Control of the								
Have used any form of cocaine at least once in their life ⁵	0.7%	0.0%	0.0%	100%	0.0%	0.0%	0.0%	
Have sniffed glue, aerosols, paints to get high at least once in their life	5.3%	0.0%	33.3%	42.7%	24.0%	0.0%	0.0%	
Have used non-prescribed steroid pills or shots at least once in their life ⁵	2.1%	0.0%	13.3%	53.3%	33.3%	0.0%	0.0%	
Have taken non-prescribed pain medication or misused it at least once in their life ⁵	6.5%	0.0%	18.3%	41.4%	32.8%	0.0%	7.5%	
Sexual Behavior								
Have had sexual intercourse ⁵	4.4%	0.0%	15.1%	78.6%	6.3%	0.0%	0.0%	
First had sexual intercourse before age 10 years old	0.8%	0.0%	34.8%	65.2%	0.0%	0.0%	0.0%	
Had sex with 4 or more people in their life	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Used a condom when they last had sex ⁵	90.1%	0.4%	34.6%	46.3%	17.5%	0.7%	0.5%	
Body Weight								
Self-describe as slightly or very overweight ⁵	29.8%	0.0%	31.7%	45.2%	21.4%	0.0%	1.6%	
Not trying to do anything with their weight ⁵	20.8%	0.0%	29.4%	56.9%	11.3%	0.0%	2.4%	
Dietary Behavior								
Did not eat breakfast on at least 1 day in the past 7 days ⁵	65.2%	0.5%	29.1%	53.5%	16.9%	0.0%	0.0%	
Physical Activity								
Were active for 60 minutes per day less than 5 days in the past 7 days ⁵	39.2%	0.8%	31.5%	47.9%	17.0%	1.6%	1.3%	
Spent at least 3 hours a day watching TV on an average school day ⁵	23.7%	0.0%	31.0%	47.5%	19.4%	0.0%	2.1%	
Spent at least 3 hours a day playing video or computer games on an average school day ⁵	47.0%	0.0%	32.1%	47.8%	17.6%	1.3%	1.0%	
Did not go to PE classes at school in an average week ⁵	43.3%	0.7%	34.1%	41.2%	22.2%	0.6%	1.1%	

⁵ Indicates a significant difference (p<0.05) between ages (11 years, 12 years, 13 years, 14 years, 15 years and ≥16 years old) and the specified question.

Questions	Overall %	% of Overall Who Are:					
Questions	Overall %	11 Years	12 Years	13 Years	14 Years	15 Years	≥16 Years
Did not go to PE classes at school every day of the school week ⁵	59.1%	0.5%	35.9%	43.4%	18.3%	1.1%	0.8%
Do not play on any sports teams in the past 12 months ⁵	37.6%	0.0%	32.5%	49.1%	17.6%	0.7%	0.0%
Got a concussion from playing a sport or being active at least once in the past 12 months ⁵	16.7%	0.0%	20.3%	48.2%	28.5%	0.0%	2.9%
Other Health Topics							
Have been told they have asthma by a doctor or nurse ⁵	17.5%	0.0%	28.1%	51.5%	20.4%	0.0%	0.0%
Get 4 hours or less of sleep on a school night ⁵	6.8%	0.0%	4.6%	68.6%	26.8%	0.0%	0.0%
Miscellaneous							
Self-describe their grades as mostly D's or worse in the past 12 months	2.7%	0.0%	20.8%	51.9%	27.3%	0.0%	0.0%
At least sometimes went hungry because there wasn't enough food at home in the last 30 days ⁵	12.6%	0.0%	34.4%	42.2%	19.4%	0.0%	3.9%
Slept somewhere else besides their parent/guardians, family member or friends house in the past 30 days	0.9%	0.0%	30.8%	69.2%	0.0%	0.0%	0.0%
Did not have a usual place to sleep during the past 30 days	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

⁵ Indicates a significant difference (p<0.05) between ages (11 years, 12 years, 13 years, 14 years, 15 years and ≥16 years old) and the specified question.

Record of Change

Version	Changes Made	Date	Name
1	YRBS Data analyzed and report created	2/4/2020	B. Heinle
1.1	Small edits to wording	2/6/2020	B. Heinle