



Prevention Research Center for Healthy Neighborhoods
at Case Western Reserve University

2019 Cuyahoga County Youth Risk Behavior Survey: Overall Prevalence

Introduction

The Prevention Research Center for Healthy Neighborhoods (PRCHN) at Case Western Reserve University has administered the Youth Risk Behavior Survey (YRBS) in school districts throughout Cuyahoga County since 2000. The YRBS is a cross-sectional tool developed by the Centers for Disease Control and Prevention (CDC) to track adolescent risk behavior over time. In fall of 2019, the PRCHN conducted the YRBS among 9th through 12th grade students in Cuyahoga County high schools. A more detailed description of the methodology is available at our website, www.prchn.org/YRBSDataCollectionAnalysis.aspx.

Overall Prevalence

This brief report summarizes responses among the 15,350 high school students who completed the 2019 Cuyahoga County Youth Risk Behavior Survey. In this brief report, we present:

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Prevalence estimates and 95% confidence intervals were computed for all dichotomous variables.

The school response rate was 76.1% and the student response rate was 78.2%. The overall response rate was **60%** (76.1% x 78.2%).

Behaviors that Contribute to Unintentional Injuries

Risk Behavior	% (95% Confidence Interval)
Rarely or never wore a seat belt (When riding in a car driven by someone else.)	10.4 (9.6 - 11.2)
Rode with a driver who had been drinking alcohol (During the 30 days before the survey.)	18.2 (17.3 - 19.1)
Drove a car or other vehicle when student had been drinking alcohol (Among students who had driven a vehicle during the 30 days before the survey.)	5.2 (4.4 - 6.2)
Texted or e-mailed while driving (Among students who had driven a vehicle during the 30 days before the survey.)	35.8 (33.5 - 38.2)

Violence

Risk Behavior	% (95% Confidence Interval)
Carried a weapon (Such as a gun, knife, or club; one or more times during the 30 days before the survey.)	9.4 (8.7 - 10.1)
Did not go to school because of safety concerns (One or more times during the 30 days before the survey.)	8.1 (7.4 - 8.7)
Threatened or injured with a weapon, on school property (Such as a gun, knife, or club; one or more times during the 12 months before the survey.)	8.5 (7.9 - 9.1)
Could get a loaded gun (In less than 24 hours.)	27.2 (26.1 - 28.3)
In a physical fight (One or more times during the 12 months before the survey.)	27.4 (26.2 - 28.6)
Forced to have sexual intercourse	6.5 (6.0 - 7.1)
Forced to do sexual things by someone they were dating or going out with (Such as kissing, touching, or being physically forced to have sexual intercourse; one or more times during the 12 months before the survey, among the students dating.)	11.5 (10.5 - 12.5)
Physically injured by someone they were dating or going out with (Such as being hit, slammed into something, or injured with an object or weapon; one or more times during the 12 months before the survey, among the students dating.)	9.1 (8.3 - 9.9)
Bullied on school property (During the 12 months before the survey.)	16.4 (15.5 - 17.3)
Electronically bullied (Such as through e-mail, chat rooms, instant messaging, websites, or text messaging; during the 12 months before the survey.)	14.2 (13.2 - 15.4)
Electronically bullied someone (Such as through texting, Instagram, Facebook, or other social media; during the 12 months before the survey.)	9.2 (8.5 - 10.0)

Depressive Symptoms and Suicide

Risk Behavior	% (95% Confidence Interval)
Purposely hurt self without wanting to die (Such as cutting or burning self; during the 12 months before the survey.)	18.5 (17.6 - 19.4)
Felt very stressed (Sometimes, most of the time, or always; during the 30 days before the survey.)	77.0 (75.8 - 78.1)
Felt sad or hopeless (Almost every day for 2 weeks or more in a row; during the 12 months before the survey.)	33.7 (32.5 - 35.0)
Seriously considered attempting suicide (During the 12 months before the survey.)	16.4 (15.5 - 17.3)
Made a suicide plan (During the 12 months before the survey.)	13.2 (12.4 - 14.0)
Attempted suicide (One or more times during the 12 months before the survey.)	8.9 (8.3 - 9.5)
Knew someone who died by suicide	39.1 (37.7 - 40.5)

Tobacco Use and Electronic Vapor Product Use

Risk Behavior	% (95% Confidence Interval)
Ever smoked cigarettes (Smoked a cigarette, even 1 or 2 puffs, on at least 1 day during their life.)	12.9 (12.0 - 13.9)
Current cigarette use (Smoked a cigarette on at least 1 day during the 30 days before the survey.)	3.9 (3.3 - 4.5)
Ever used an electronic vapor product (Including e-cigarettes, vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods.)	36.9 (35.2 - 38.6)
Current electronic vapor product use (Used at least 1 day during the 30 days before the survey.)	12.7 (11.7 - 13.9)
Usually bought electronic vapor products in a store (Including convenience store, supermarket, discount store, gas station, or vape store, among students who used electronic vapor products during the 30 days before the survey.)	9.8 (8.0 - 11.9)
Current cigar use (Smoked a cigar, cigarillo, little cigar, or flavored cigar on at least 1 day during the 30 days before the survey.)	6.7 (6.1 - 7.4)
Usually bought cigars, cigarillos, little cigars, or flavored cigars in a store (Among students who smoked cigars during the 30 days before the survey.)	28.2 (24.8 - 31.8)
Current use of tobacco in a waterpipe (Smoked from a hookah, narghile or water pipe on at least 1 day during the 30 days before the survey.)	3.7 (3.2 - 4.1)
Tried first tobacco product before age 13 years (Including cigarettes, cigars, little cigars, flavored cigars, shisha or hookah tobacco, and chewing tobacco.)	7.4 (6.8 - 8.0)
Ever tried to quit using all tobacco products (Among students who used any tobacco products during the 12 months before the survey.)	53.7 (50.7 - 56.6)
Students perceive great risk of harm from electronic vapor product use (Physically or in other ways, if use almost every day.)	37.4 (35.9 - 38.8)

Alcohol Use

Risk Behavior	% (95% Confidence Interval)
Ever used alcohol (Had at least 1 drink of alcohol on at least 1 day during their life.)	49.2 (47.5 - 50.8)
Drank alcohol before age 13 years (Other than a few sips.)	12.2 (11.4 - 13.0)
Current alcohol use (Had at least 1 drink of alcohol on at least 1 day during the 30 days before the survey.)	28.4 (26.9 - 29.8)
Had 4 or more drinks in a row (if female) or 5 or more drinks in a row (if male) within a couple of hours (During the 30 days before the survey.)	15.2 (14.1 - 16.5)
Attended a party or gathering in a home where parents permitted underage alcohol use (During the 30 days before the survey.)	21.7 (20.5 - 23.0)
Students perceive great risk of harm from drinking alcohol (Physically or in other ways, if drink one or two alcoholic beverages nearly every day.)	34.1 (32.7 - 35.7)

Marijuana Use

Risk Behavior	% (95% Confidence Interval)
Ever used marijuana (Used marijuana 1 or more times during their life.)	34.5 (33.0 - 36.0)
Tried marijuana before age 13 years	6.0 (5.4 - 6.5)
Current marijuana use (Used marijuana 1 or more times during the 30 days before the survey.)	20.3 (19.2 - 21.5)
Usually smoked marijuana in a blunt (Among students who used marijuana during the 30 days before the survey.)	52.6 (50.1 - 55.2)
Students perceive great risk of harm from smoking marijuana (Physically or in other ways, if smoke marijuana regularly.)	22.8 (21.4 - 24.3)

Other Drug Use

Risk Behavior	% (95% Confidence Interval)
Ever used prescription pain medicine without a doctor's prescription or differently than how a doctor prescribed (Including all or some of the following: codeine, Vicodin, OxyContin, Hydrocodone, or Percocet; one or more times during their life.)	13.7 (12.9 - 14.5)
Ever used synthetic drugs (Including all or some of the following: "designer drugs" such as synthetic marijuana, K2, Spice, fake weed, King Kong, Yucatan Fire, Skunk, Moon Rocks, herbal incense, or bath salts; one or more times during their life.)	5.4 (4.9 - 5.9)
Ever used an illicit drug (Including all or some of the following: any form of cocaine, heroin, methamphetamines, ketamine, speed, LSD, or ecstasy; one or more times during their life.)	4.4 (4.0 - 4.9)
Offered, sold, or given illegal drugs on school property (One or more times during the 12 months before the survey.)	13.3 (12.5 - 14.2)

Sexual Risk Behaviors

Risk Behavior	%(95% Confidence Interval)
Ever had sexual intercourse (Had sexual intercourse 1 or more times during their life.)	35.3 (33.4 - 37.2)
Had sexual intercourse before age 13 years	4.0 (3.5 - 4.6)
Had sexual intercourse with 4 or more people (Among students who had ever had sexual intercourse.)	8.0 (7.2 - 8.9)
Currently sexually active (Had sexual intercourse with at least 1 person during the 3 months before the survey.)	25.2 (23.6 - 26.9)
Drank alcohol or used drugs before having sexual intercourse (Among students who were currently sexually active.)	17.8 (16.0 - 19.8)
Used a condom during last sexual intercourse (Among students who were currently sexually active.)	53.8 (51.1 - 56.6)
Been pregnant or gotten someone pregnant (One or more times during their life.)	2.2 (1.8 - 2.5)
Ever been taught about AIDS or HIV infection in school	76.0 (74.7 - 77.2)
Ever been tested for HIV, the virus that causes AIDS (Not including tests done if donated blood.)	11.4 (10.5 - 12.3)
Ever been tested for an STD other than HIV	9.9 (9.1 - 10.7)
Adults in family have talked about expectations with students about sex (What to do or not to do about sex.)	56.4 (55.1 - 57.6)

Obesity and Weight Control

Risk Behavior	% (95% Confidence Interval)
Obese (Having a BMI of >95 th percentile for age and sex. Calculated from self-reported height and weight, adjusted for sex and age.)	16.1 (15.2 - 17.1)
Overweight (Having a BMI >85 th percentile and <95 th percentile for age and sex. Calculated from self-reported height and weight, adjusted for sex and age.)	16.6 (15.7 - 17.4)
Describes self as slightly or very overweight	28.3 (27.2 - 29.5)
Trying to lose weight	42.8 (41.6 - 44.1)

Dietary Behaviors

Risk Behavior	% (95% Confidence Interval)
Ate fruits and vegetables 5 or more times per day (During the 7 days before the survey.)	17.2 (16.2 - 18.2)
Drank water at school on average every day (Including water from a fountain, a sink or faucet, a bottle, a reusable bottle student brought from home, or some other source; during an average school week.)	56.8 (55.6 - 58.0)
Did not eat breakfast every day (During the 7 days before the survey.)	73.6 (72.1 - 75.0)
Ate fast food meal or snack on 1 or more days (Includes McDonalds, Taco Bell, or KFC; during the 7 days before the survey.)	73.1 (72.0 - 74.2)
Went hungry because not enough food in the home (Sometimes, most of the time, or always; during the 30 days before the survey.)	16.5 (15.6 - 17.5)

Physical Activity

Risk Behavior	% (95% Confidence Interval)
Participated in 60 or more minutes of physical activity on 5 or more days (During the 7 days before the survey.)	41.0 (39.7 - 42.4)
Did not participate in 60 or more minutes of physical activity on any day (During the 7 days before the survey.)	19.1 (18.2 - 20.0)
Watched television 3 or more hours per day (On an average school day.)	21.2 (20.3 - 22.2)
Played video or computer games or used a computer 3 or more hours per day (On an average school day for something that was not school work; includes playing games, watching videos, texting, or using social media on a smartphone, computer, Xbox, PlayStation, iPad, or other tablet.)	49.6 (48.5 - 50.8)
Played on 1 or more sports teams (During the 12 months before the survey.)	62.0 (60.6 - 63.4)

Positive Youth Development

Risk Behavior	%(95% Confidence Interval)
Spent at least 1 day in clubs or organizations outside of school (During the 7 days before the survey.)	52.0 (50.3 - 53.7)
Spent at least 1 hour helping other people without getting paid to make one's community a better place for people to live (During the 7 days before the survey.)	39.3 (38.0 - 40.6)
Parents talk with student about school almost every day	50.8 (49.3 - 52.3)
Students help decide what goes on in school (Agree and strongly agree.)	47.8 (46.6 - 49.1)
Students feel like they matter to people in their community (Agree and strongly agree.)	42.3 (41.2 - 43.5)
Students feel close to people at their school (Agree and strongly agree.)	62.7 (61.4 - 63.9)
Obtained 8 or more hours of sleep (On an average school night.)	21.5 (20.5 - 22.6)
Had a supportive adult (One or more adults, other than a parent, who student would feel comfortable seeking help from if there was an important issue or question affecting their life.)	77.8 (76.8 - 78.8)
Described their grades in school as A's and B's (During the 12 months before the survey.)	78.6 (77.2 - 79.9)

Preventive Health Care

Risk Behavior	% (95% Confidence Interval)
Described health in general as fair or poor	19.1 (18.2 - 20.0)
Saw a doctor or nurse for a check-up or physical exam (During the 12 months before the survey.)	75.7 (74.5 - 76.9)
Saw a dentist for check-up, exam, teeth cleaning or other routine dental work (Not including emergencies; during the 12 months before the survey.)	73.4 (72.1 - 74.6)
Received appropriate help when student felt sad, empty, hopeless, angry or anxious	50.5 (49.0 - 52.1)

Other Health Behaviors

Risk Behavior	% (95% Confidence Interval)
Use or awaken to use smartphone right before or when asleep (To text, check social media, or the internet; sometimes, most of the time, or always.)	71.7 (70.5 - 72.9)
Lives with 2 parents (Biological or Step-parent) (Either in the same or separate homes.)	67.7 (66.4 - 69.0)
Does not usually sleep in parent or guardian's home (homelessness) (Sleeps in home of friend or family, in shelter, motel, car, or no usual place)	4.5 (4.0 - 5.0)
Never or rarely feels safe and secure in neighborhood	9.2 (8.5 - 10.0)
Parent(s) or guardian(s) have been in prison or jail (During the 12 months before the survey.)	7.9 (7.3 - 8.5)
Had been stopped, questioned, or searched by police (One or more times during the 12 months before the survey.)	19.4 (18.2 - 20.6)
Described encounters with police as negative or mostly negative (Of those who had encounters with the police during the 12 months before the survey.)	21.7 (20.2 - 23.3)

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