



Prevention Research Center for Healthy Neighborhoods
at Case Western Reserve University

2017 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 spring of 2017, 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 13,907 high school students who completed the 2017 Cuyahoga County Youth Risk Behavior Survey. In this brief report, we present:

- [Behaviors that Contribute to Unintentional Injuries](#)
- [Violence](#)
- [Depressive Symptoms and Suicide](#)
- [Tobacco and Electronic Vapor Use](#)
- [Alcohol Use](#)
- [Marijuana Use](#)
- [Other Drug Use](#)
- [Sexual Behaviors](#)
- [Obesity and Weight Control](#)
- [Dietary Behavior](#)
- [Physical Activity](#)
- [Positive Youth Development](#)
- [Preventive Health Care](#)
- [Other Health Behaviors](#)

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

The school response rate was 78% and the student response rate was 77%. The overall response rate was 60% (78% x 77%).

Behaviors that Contribute to Unintentional Injuries

Risk Behavior	% (95% Confidence Interval)
Rarely or never wore a bicycle helmet (Among students who had ridden a bicycle during the 12 months before the survey.)	86.8 (85.8-87.8)
Rarely or never wore a seatbelt (When riding in a car driven by someone else.)	11.1 (10.3-12.0)
Rode with a driver who had been drinking alcohol (During the 30 days before the survey.)	21.7 (20.8-22.7)
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.)	7.9 (7.1-8.8)
Texted or e-mailed while driving (Among students who had driven a vehicle during the 30 days before the survey.)	37.5 (35.7-39.3)

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.)	13.7 (12.9-14.5)
Could get and be ready to fire a loaded gun (In less than 24 hours.)	41.4 (40.2-42.6)
Did not go to school because of safety concerns (One or more times during the 30 days before the survey.)	10.6 (9.9-11.4)
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.)	9.0 (8.3-9.7)
In a physical fight (One or more times during the 12 months before the survey.)	26.4 (25.3-27.5)
Forced to have sexual intercourse	7.2 (6.6-7.8)
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.)	12.6 (11.8-13.5)
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.)	10.3 (9.6-11.1)
Bullied on school property (During the 12 months before the survey.)	17.4 (16.6-18.3)
Electronically bullied (Such as through e-mail, chat rooms, instant messaging, websites, or text messaging; during the 12 months before the survey.)	14.7 (13.9-15.5)

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.)	18.4 (17.6-19.1)
Felt sad or hopeless (Almost every day for 2 weeks or more in a row; during the 12 months before the survey.)	30.9 (29.9-31.9)
Seriously considered attempting suicide (During the 12 months before the survey.)	17.4 (16.5-18.3)
Attempted suicide (One or more times during the 12 months before the survey.)	11.6 (10.8-12.5)
Knew someone who completed suicide	31.6 (30.6-32.7)

Tobacco Use and Electronic Vapor 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.)	20.4 (19.5-21.4)
Current cigarette use (Smoked a cigarette on at least 1 day during the 30 days before the survey.)	6.2 (5.7-6.8)
Smoked more than 10 cigarettes (Per day, on the days smoked; among the students who smoked 30 days before the survey.)	10.3 (7.5-14.0)
Current cigar use (Smoked a cigar, cigarillo, little cigar, or flavored cigar on at least 1 day during the 30 days before the survey.)	13.1 (12.2-14.0)
Smoked more than 10 cigars, cigarillos, little cigars, or flavored cigars per day (On the days smoked; among the students who smoked 30 days before the survey.)	6.5 (5.4-7.9)
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.)	7.4 (6.7-8.0)
Tried first tobacco product before age 13 years (Including cigarettes, cigars, little cigars, flavored cigars, shisha or hookah tobacco, and chewing tobacco.)	10.9 (10.1-11.7)
Ever tried to quit using all tobacco products (Among students who smoked during the 12 months before the survey.)	42.8 (40.5-45.1)
Ever used an electronic vapor product	35.5 (34.3-36.8)
Current electronic vapor product use (Used at least 1 day during the 30 days before the survey.)	15.7 (14.8-16.7)

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.)	58.3 (56.9-59.7)
Drank alcohol before age 13 years (Other than a few sips.)	15.3 (14.4-16.4)
Current alcohol use (Had at least 1 drink of alcohol on at least 1 day during the 30 days before the survey.)	30.7 (29.5-32.0)
Had 4 or more drinks in a row (if female) or 5 or more drinks (if male) within a couple of hours (During the 30 days before the survey.)	16.4 (15.4-17.5)

Marijuana Use

Risk Behavior	% (95% Confidence Interval)
Ever used marijuana (Used marijuana 1 or more times during their life.)	40.3 (38.9-41.8)
Tried marijuana before age 13 years	8.5 (7.7-9.3)
Current marijuana use (Used marijuana 1 or more times during the 30 days before the survey.)	24.7 (23.6-25.9)
Usually smoked marijuana in a blunt (Among students who used marijuana during the 30 days before the survey.)	59.6 (57.8-61.4)

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.)	13.6 (12.7-14.6)
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.)	7.3 (6.6-8.1)
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.)	6.9 (6.2-7.7)
Offered, sold, or given illegal drugs on school property (One or more times during the 12 months before the survey.)	17.6 (16.7-18.5)

Sexual Behaviors

Risk Behavior	% (95% Confidence Interval)
Ever had sexual intercourse (Had sexual intercourse 1 or more times during their life.)	40.0 (38.6-41.5)
Had sexual intercourse before age 13 years	4.9 (4.4-5.6)
Had sexual intercourse with 4 or more people (Among students who had ever had sexual intercourse.)	9.8 (9.0-10.6)
Currently sexually active (Had sexual intercourse with at least 1 person during the 3 months before the survey.)	28.2 (26.9-29.6)
Drank alcohol or used drugs before having sexual intercourse (Among students who were currently sexually active.)	18.3 (16.6-20.2)
Used a condom during last sexual intercourse (Among students who were currently sexually active.)	55.7 (53.2-58.2)
Been pregnant or gotten someone pregnant (One or more times during their life.)	2.9 (2.5-3.3)
Ever been taught about AIDS or HIV infection in school	81.1 (80.0-82.2)
Ever been tested for HIV, the virus that causes AIDS (Not including tests done if donated blood.)	13.9 (13.0-14.8)
Adults in family have talked about expectations with students about sex (What to do or not to do about sex.)	60.0 (58.7-61.2)

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.)	15.5 (14.7-16.3)
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.)	17.8 (16.8-18.8)
Describes self as slightly or very overweight	31.1 (30.0-32.1)
Trying to lose weight	44.1 (43.1-45.1)

Dietary Behavior

Risk Behavior	% (95% Confidence Interval)
Ate fruits and vegetables 5 or more times per day (During the 7 days before the survey.)	19.5 (18.7-20.4)
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.)	57.7 (56.2-59.3)
Did not eat breakfast every day (During the 7 days before the survey.)	71.7 (70.5-72.8)
Ate fast food meal or snack on 1 or more days (Includes McDonalds, Taco Bell, or KFC; during the 7 days before the survey.)	71.2 (70.2-72.3)
Went hungry because not enough food in the home (Sometimes, most of the time, or always; during the 30 days before the survey.)	18.4 (17.5-19.3)

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.)	40.9 (39.6-42.1)
Did not participate in 60 or more minutes of physical activity on any day (During the 7 days before the survey.)	17.9 (17.0-18.8)
Watched television 3 or more hours per day (On an average school day.)	23.9 (22.9-25.0)
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 use of Xbox, PlayStation, iPad or other tablet, smartphone, YouTube, Instagram, Facebook, or other social media.)	44.8 (43.6-46.0)
Played on 1 or more sports teams (During the 12 months before the survey.)	60.0 (58.7-61.3)
Walk or ride bike to or from school 3 or more days (During an average school week when the weather allows.)	24.8 (23.6-26.1)

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.)	49.8 (48.5-51.1)
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.)	39.1 (38.1-40.2)
Parents talk with student about school almost every day	50.6 (49.5-51.8)
Students help decide what goes on in school (Agree and strongly agree.)	49.8 (48.7-50.9)
Students feel like they matter to people in their community (Agree and strongly agree.)	43.6 (42.3-45.0)
Obtained 8 or more hours of sleep (On an average school night.)	20.1 (19.2-21.1)
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.)	77.2 (76.2-78.3)
Described their grades in school as A's and B's (During the 12 months before the survey.)	76.3 (75.0-77.5)

Preventive Health Care

Risk Behavior	% (95% Confidence Interval)
Described health in general as fair or poor	19.3 (18.3-20.3)
Saw a doctor or nurse for check-up or physical exam (During the 12 months before the survey.)	70.3 (69.0-71.6)
Saw a doctor, nurse, or counselor about stress, depression, or problems with emotions (During the 12 months before the survey.)	22.7 (21.7-23.7)

Other Health Behaviors

Risk Behavior	% (95% Confidence Interval)
Lives with 2 parents (Biological or Step-parent)	59.4 (58.2-60.6)
Never or rarely feels safe and secure in neighborhood	11.1 (10.1-12.1)
Parent(s) or guardian(s) have been in prison or jail (During the 12 months before the survey.)	9.4 (8.7-10.1)
Had been stopped, questioned, or searched by police (One or more times during the 12 months before the survey.)	23.5 (22.5-24.6)
Described encounters with police as negative or mostly negative (Of those who had encounters with the police during the 12 months before the survey.)	26.2 (24.5-28.0)

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