



Prevention Research Center for Healthy Neighborhoods
at Case Western Reserve University

2013 Cuyahoga County Youth Risk Behavior Survey: Trend Data

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 2013, 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, <http://prchn.org/yrbs.apxs>.

Cuyahoga County Trend Data

This brief report presents the prevalence of health risk behaviors among Cuyahoga County high school students in 2009, 2011, and 2013. In this brief report, we present:

- [Alcohol Use](#)
- [Behaviors that Contribute to Unintentional Injuries](#)
- [Depression and Suicide](#)
- [Illegal and Prescription Drug Use](#)
- [Nutrition](#)
- [Obesity and Weight Control](#)
- [Physical Activity](#)
- [Positive Youth Development](#)
- [Preventive Health Care](#)
- [Reproductive Health](#)
- [Tobacco Use](#)
- [Violence](#)

The prevalence for each year is given (when available), with 95% confidence intervals below.

Alcohol Use

Cuyahoga County, 2009	Cuyahoga County, 2011	Cuyahoga County, 2013
Lifetime alcohol use (Had at least one drink of alcohol on at least 1 day during their life.)		
65.4 (63.4-67.4)	61.9 (60.2-63.6)	59.7 (58.0-61.4)
Drank alcohol before age 13 years (Other than a few sips.)		
18.0 (15.7-20.3)	15.6 (14.5-16.7)	15.2 (14.1-16.2)
Current alcohol use (Had at least one drink of alcohol on at least 1 day during the 30 days before the survey.)		
33.4 (31.3-35.5)	31.8 (30.3-33.3)	33.4 (31.7-35.1)
Had 5 or more drinks of alcohol in a row within a couple of hours (On one or more days during the 30 days before the survey.)		
15.9 (14.3-17.5)	15.3 (14.2-16.4)	17.0 (15.7-18.3)
Students believe it is very wrong for someone their age to drink alcohol regularly		
33.8 (31.3-36.3)	37.7 (36.3-39.1)	38.4 (36.8-40.0)
Students perceive that their parents believe it is very wrong for them to drink alcohol regularly		
64.5 (62.4-66.6)	65.4 (64.0-66.8)	66.9 (65.4-68.4)
Students perceive great risk of harm from drinking alcohol (Physically or in other ways, if drink one or two alcoholic beverages nearly every day.)		
46.5 (44.5-48.5)	47.7 (46.3-49.1)	49.6 (48.2-50.9)
Students perceive great risk of harm from drinking alcohol (Physically or in other ways, if drink five or more alcoholic beverages in a row, once or twice a week.)		
n/a	n/a	50.5 (49.0-52.0)

Behaviors that Contribute to Unintentional Injuries

Cuyahoga County, 2009	Cuyahoga County, 2011	Cuyahoga County, 2013
Rarely or never wore a seatbelt (When riding in a car driven by someone else.)		
13.0 (11.5-14.5)	14.4 (13.6-15.2)	11.8 (11.0-12.5)
Rarely or never wore a bicycle helmet (Among students who had ridden a bicycle during the 12 months before the survey.)		
83.8 (80.7-86.8)	n/a	86.2 (85.1-87.3)
Rode with a driver who had been drinking alcohol (During the past 30 days.)		
26.7 (25.2-28.2)	21.2 (20.1-22.3)	22.5 (21.4-23.6)
Drove when drinking alcohol (During the 30 days before the survey.)		
8.6 (7.6-9.6)	6.8 (6.1-7.5)	8.2 (7.2-9.2)
Texted or e-mailed while driving (Among students who had driven a vehicle during the 30 days before the survey.)		
n/a	n/a	43.5 (41.0-46.0)

Depression and Suicide

Cuyahoga County, 2009	Cuyahoga County, 2011	Cuyahoga County, 2013
Purposely hurt self without wanting to die (Such as cutting or burning self; during 12 months before survey.)		
12.8 (11.5-14.1)	10.0 (9.3-10.7)	16.7 (15.9-17.6)
Felt sad or hopeless (Almost every day for two weeks or more in a row, during the 12 months before the survey.)		
25.5 (23.7-27.3)	25.6 (24.6-26.6)	25.6 (24.6-26.5)
Seriously considered attempting suicide (During the 12 months before the survey.)		
11.9 (10.7-13.1)	12.3 (11.5-13.1)	13.8 (13.0-14.6)
Attempted suicide (One or more times during the 12 months before the survey.)		
9.2 (7.9-10.5)	7.5 (6.8-8.2)	10.2 (9.5-10.9)

Illegal and Prescription Drug Use

Cuyahoga County, 2009	Cuyahoga County, 2011	Cuyahoga County, 2013
Lifetime marijuana use (Used marijuana one or more times during their life.)		
36.7 (34.7-38.7)	38.1 (36.3-39.9)	39.8 (38.2-41.5)
Tried marijuana before age 13 years		
7.6 (6.0-9.2)	6.9 (6.2-7.6)	6.6 (6.1-7.2)
Current marijuana use (Used marijuana one or more times during the 30 days before the survey.)		
20.5 (19.0-22.0)	22.0 (20.6-23.4)	22.9 (21.6-24.1)
Smoked a cigar, cigarillo, little cigar, or flavored cigar that had marijuana in it ('Blunt') (In the past 30 days.)		
n/a	16.4 (14.9-17.9)	18.5 (17.4-19.6)
Lifetime illicit drug use (Used any form of cocaine, heroin, methamphetamines, or ecstasy one or more times during their life.)		
n/a	5.8 (5.2-6.4)	6.7 (6.0-7.4)
Current unauthorized prescription drug use (Used prescription drugs without a doctor's prescription one or more times during the 30 days before the survey.)		
n/a	n/a	8.8 (8.1-9.5)
Offered, sold, or given drugs on school property (One or more times during the 12 months before the survey.)		
25.0 (23.2-26.8)	26.2 (25.1-27.3)	16.9 (16.0-17.8)
Students believe it is very wrong for someone their age to smoke marijuana		
45.1 (42.9-47.3)	45.1 (43.5-46.7)	42.2 (40.4-44.0)
Students believe it is very wrong for someone their age to use prescription drugs not prescribed to them		
n/a	n/a	66.0 (64.8-67.3)
Students perceive that their parents believe it is very wrong for them to smoke marijuana		
77.7 (76.1-79.3)	75.8 (74.6-77.0)	75.8 (74.6-77.1)
Students perceive that their parents believe it is very wrong for them to use prescription drugs not prescribed to them		
n/a	n/a	82.6 (81.6-83.6)

Cuyahoga County, 2009	Cuyahoga County, 2011	Cuyahoga County, 2013
Students perceive great risk of harm from trying marijuana once or twice (Physically or in other ways.)		
24.5 (22.5-26.5)	28.5 (27.3-29.7)	26.2 (24.7-27.7)
Students perceive great risk of harm from smoking marijuana regularly (Physically or in other ways.)		
52.9 (50.6-55.2)	48.3 (46.7-49.9)	41.9 (40.3-43.5)
Students perceive great risk of harm from use of prescription drugs not prescribed to them (Physically or in other ways.)		
n/a	n/a	64.8 (63.5-66.1)

Nutrition

Cuyahoga County, 2009	Cuyahoga County, 2011	Cuyahoga County, 2013
Ate fruits and vegetables five or more times per day (During the 7 days before the survey.)		
21.6 (19.9-23.3)	22.6 (21.6-23.6)	21.6 (20.5-22.7)
Had a can, bottle, or glass of soda or pop one or more times per day (Not including diet soda or diet pop, during the 7 days before the survey.)		
25.3 (23.6-27.0)	22.8 (21.8-23.8)	20.0 (19.0-21.0)
Had a can, bottle, or glass of an energy drink one or more times per day (During the 7 days before the survey.)		
n/a	n/a	5.8 (5.2-6.4)
Ate fast food one or more times (During the 7 days before the survey.)		
74.1 (72.5-75.7)	74.2 (73.1-75.3)	74.4 (73.4-75.4)
Did not eat breakfast every day (During the 7 days before the survey.)		
66.3 (64.0-68.6)	67.6 (66.4-68.8)	66.7 (65.4-68.1)

Obesity and Weight Control

Cuyahoga County, 2009	Cuyahoga County, 2011	Cuyahoga County, 2013
Obese (Having a BMI of >95 th percentile for age and sex. Calculated from self-reported height and weight, adjusted for sex and age.)		
12.0 (10.9-13.1)	12.9 (12.0-13.8)	12.6 (11.7-13.5)
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.)		
16.3 (14.8-17.8)	16.0 (15.0-17.0)	16.0 (15.0-16.9)
Describes self as slightly or very overweight		
28.4 (26.9-29.9)	27.1 (26.1-28.1)	29.2 (28.0-30.3)
Trying to lose weight		
41.9 (39.8-44.0)	41.9 (40.7-43.1)	43.7 (42.6-44.8)

Physical Activity

Cuyahoga County, 2009	Cuyahoga County, 2011	Cuyahoga County, 2013
Participated in 60 or more minutes of physical activity on 5 or more days (During the 7 days before the survey.)		
44.2 (41.5-46.9)	43.8 (42.4-45.2)	47.0 (45.6-48.3)
Did not participate in 60 or more minutes of physical activity on any day (During the 7 days before the survey.)		
15.4 (13.8-17.0)	14.3 (13.4-15.2)	15.6 (14.8-16.3)
Walk or ride bike to school 3 or more times in an average school week (When the weather allows.)		
n/a	n/a	22.4 (21.4-23.5)
Walk or ride bike from school 3 or more times in an average school week (When the weather allows.)		
n/a	n/a	28.2 (26.8-29.5)
Watched television 3 or more hours per day (On an average school day.)		
34.2 (30.9-37.5)	34.3 (33.0-35.6)	31.3 (30.0-32.6)
Used computers 3 or more hours per day (Played video or computer games or used a computer for something that was not school work on an average school day.)		
23.2 (21.1-25.3)	27.2 (26.1-28.3)	37.9 (36.5-39.3)
Played on one or more sports teams (During the past 12 months.)		
59.3 (56.7-61.9)	60.2 (58.9-61.5)	61.7 (60.4-63.1)

Positive Youth Development

Cuyahoga County, 2009	Cuyahoga County, 2011	Cuyahoga County, 2013
Spent at least one day in clubs or organizations outside of school (During the 7 days before the survey.)		
n/a	56.7 (55.3-58.1)	52.0 (50.3-53.7)
Spent at least one 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.)		
n/a	42.7 (41.3-44.1)	39.4 (38.1-40.7)
Parents talk with student about school almost every day		
n/a	55.7 (54.4-57.0)	54.7 (53.3-56.0)
Students help decide what goes on in school (Agree and strongly agree)		
n/a	48.9 (47.5-50.3)	45.3 (44.1-46.6)
Students feel like they matter to people in their community (Agree and strongly agree)		
n/a	40.8 (39.5-42.1)	37.9 (36.6-39.2)
Described their grades in school as A's and B's (During the 12 months before the survey.)		
68.5 (64.8-72.2)	66.6 (64.9-68.3)	72.1 (70.5-73.6)
Supportive adult (One or more adults, other than a parent, who they would feel comfortable seeking help from if there was an important issue or question affecting their life.)		
86.8 (85.3-88.3)	84.8 (83.8-85.8)	80.8 (79.9-81.7)
Trusted friend (One or more friends who would offer good advice if there was a really important secret or problem affecting their life.)		
90.7 (89.1-92.3)	89.4 (88.6-90.2)	88.4 (87.6-89.2)
Obtained enough or too much sleep per night (Self-reported response of "too much" or "the right amount".)		
n/a	n/a	37.3 (36.0-38.5)
Ate dinner with family (On one or more days of the 7 days before the survey.)		
79.5 (76.8-82.2)	82.1 (81.0-83.2)	81.9 (80.8-83.0)

Preventive Health Care

Cuyahoga County, 2009	Cuyahoga County, 2011	Cuyahoga County, 2013
Described health in general as fair or poor		
12.6 (11.1-14.1)	12.3 (11.4-13.2)	15.9 (15.1-16.8)
Saw a doctor or nurse for check-up (During the 12 months before the survey.)		
71.0 (68.8-73.2)	72.0 (70.8-73.2)	72.2 (71.0-73.3)
Saw a dentist for check-up, exam, teeth cleaning or other routine dental work (Not including emergencies, during the 12 months before the survey.)		
n/a	n/a	80.9 (79.9-81.9)
Brush teeth at least once a day		
n/a	n/a	92.1 (91.4-92.7)
Floss teeth at least once a day		
n/a	n/a	26.0 (25.0-27.1)
Stayed home from school because of a toothache (During the 12 months before the survey.)		
n/a	n/a	6.8 (6.2-7.5)

Reproductive Health

Cuyahoga County, 2009	Cuyahoga County, 2011	Cuyahoga County, 2013
Lifetime sexual intercourse (Had sexual intercourse one or more times during their life.)		
55.5 (52.2-58.8)	45.2 (43.3-47.1)	44.4 (42.3-46.4)
Had sexual intercourse before age 13 years		
11.0 (8.5-13.5)	7.4 (6.5-8.3)	7.0 (6.4-7.7)
Had sexual intercourse with four or more people (During their life.)		
20.0 (17.5-22.5)	15.8 (14.6-17.0)	14.8 (13.7-16.0)
Current sexual intercourse (Had sexual intercourse at least once during the past 3 months.)		
33.6 (31.3-35.9)	33.0 (31.4-34.6)	32.0 (30.3-33.7)
Used a condom during last sexual intercourse (Among students who had ever had sexual intercourse.)		
63.2 (60.5-65.9)	64.7 (62.8-66.6)	64.9 (63.1-66.7)
Been pregnant or gotten someone pregnant (One or more times during their life.)		
6.2 (5.0-7.4)	5.1 (4.5-5.7)	3.9 (3.5-4.3)

Tobacco Use

Cuyahoga County, 2009	Cuyahoga County, 2011	Cuyahoga County, 2013
Lifetime cigarette use (Smoked a cigarette, even one or two puffs, on at least 1 day during their life.)		
39.4 (37.1-41.7)	30.6 (29.2-32.0)	30.7 (29.2-32.2)
Smoked a whole cigarette before age 13 years		
6.5 (5.4-7.6)	6.0 (5.3-6.7)	5.4 (4.8-6.0)
Current cigarette use (Smoked a cigarette on at least 1 day during the 30 days before the survey.)		
12.5 (10.7-14.3)	11.4 (10.5-12.3)	10.4 (9.4-11.4)
Smoked more than 10 cigarettes per day (On the days smoked; among the students who smoked 30 days before the survey.)		
n/a	9.3 (7.3-11.3)	12.2 (9.6-14.9)
Cigarette use on school property (Smoked cigarettes on school property at least 1 day during the 30 days before the survey.)		
4.1 (3.3-5.0)	n/a	4.6 (4.0-5.2)
Lifetime cigar use (Smoked a cigar, cigarillo, little cigar, or flavored cigar, even one or two puffs, on at least 1 day during their life.)		
n/a	35.3 (33.4-37.2)	38.8 (37.1-40.5)
Smoked a whole cigar before age 13 years (Includes cigars, cigarillos, little cigars, and flavored cigars.)		
n/a	8.3 (7.4-9.2)	4.7 (4.2-5.3)
Current cigar use (Smoked a cigar, cigarillo, little cigar, or flavored cigar on at least 1 day during the 30 days before the survey.)		
n/a	16.9 (15.6-18.2)	15.1 (14.1-16.2)
Smoked more than 10 cigars per day (On the days smoked; among the students who smoked 30 days before the survey.)		
n/a	5.2 (3.5-6.9)	5.4 (3.9-6.9)
Smoked a "freaked" cigar, cigarillo, little cigar, or flavored cigar (In the past 30 days.)		
n/a	9.6 (8.2-11.0)	10.9 (10.0-11.9)
Lifetime hookah use (Smoked from a hookah or water pipe, even one or two puffs, on at least 1 day during their life.)		
n/a	15.9 (14.7-17.1)	23.9 (22.1-25.6)

Cuyahoga County, 2009	Cuyahoga County, 2011	Cuyahoga County, 2013
Current hookah use (Smoked from a hookah or water pipe on at least 1 day during the 30 days before the survey.)		
n/a	9.1 (8.3-9.9)	10.6 (9.5-11.8)
Students believe it is very wrong for someone their age to smoke cigarettes		
46.1 (43.4-48.8)	46.0 (44.6-47.4)	49.8 (48.1-51.5)
Students believe it is very wrong for someone their age to smoke cigars		
n/a	44.3 (42.8-45.8)	44.7 (42.9-46.6)
Students perceive that their parents believe it is very wrong for them to smoke cigarettes		
76.3 (74.3-78.3)	76.4 (75.2-77.6)	80.1 (78.9-81.3)
Students perceive that their parents believe it is very wrong for them to smoke cigars		
n/a	76.2 (75.0-77.4)	78.0 (76.7-79.4)
Students perceive great risk of harm from smoking cigarettes (Physically or in other ways, if smoke one or more packs a day.)		
66.1 (63.7-68.4)	62.1 (60.7-63.5)	63.5 (62.3-64.7)
Students perceive great risk of harm from smoking cigars regularly (Physically or in other ways.)		
n/a	52.9 (51.5-54.3)	51.6 (50.2-53.0)

Violence

Cuyahoga County, 2009	Cuyahoga County, 2011	Cuyahoga County, 2013
Carried a weapon (Such as a gun, knife, or club; 1+ times during the 30 days before the survey.)		
11.7 (9.8-13.6)	10.0 (9.2-10.8)	11.9 (11.1-12.7)
Carried a weapon on school property (Such as a gun, knife, or club; 1+ times during the 30 days before the survey.)		
2.9 (2.2-3.7)	n/a	3.9 (3.4-4.3)
Did not go to school because of safety concerns (One or more times during the 30 days before the survey.)		
5.9 (4.8-7.0)	5.4 (4.8-6.0)	7.4 (6.8-8.0)
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.)		
n/a	n/a	6.6 (6.0-7.2)
In a physical fight (One or more times during the 12 months before the survey.)		
32.7 (29.7-35.7)	29.1 (27.8-30.4)	26.5 (25.4-27.6)
In a physical fight on school property (One or more times during the 12 months before the survey.)		
11.2 (9.3-13.1)	n/a	11.2 (10.4-11.9)
Forced to have sexual intercourse		
7.7 (6.7-8.7)	6.8 (6.1-7.5)	7.9 (7.3-8.5)
Physically injured by significant other (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.)		
n/a	n/a	10.2 (9.4-11.0)
Forced to do sexual things by significant other (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.)		
n/a	n/a	10.3 (9.5-11.0)
Bullied on school property (During the 12 months before the survey.)		
16.0 (14.4-17.6)	18.1 (17.1-19.1)	19.4 (18.3-20.4)
Electronically bullied (Such as through e-mail, chat rooms, instant messaging, websites, or text messaging; during the 12 months before the survey.)		
17.4 (16.2-18.6)	18.9 (17.9-19.9)	14.5 (13.7-15.3)

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CUYAHOGA COUNTY
BOARD OF HEALTH