

2017 Cuyahoga County Youth Risk Behavior Survey: Demographic 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-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.

Demographic Prevalence

This brief report presents results from the 2017 Cuyahoga County High School Youth Risk Behavior Survey and allows for comparison of health risk behaviors by demographic groups. 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](#)

Data are presented by gender, race/ethnicity, and grade level. A statistically significant difference exists between groups if the 95% confidence intervals do not overlap.

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

Rarely or never wore a bicycle helmet				Rarely or never wore a seatbelt				Rode with a driver who had been drinking alcohol			
Category	%	CI		Category	%	CI		Category	%	CI	
Gender				Gender				Gender			
Female	85.1	83.7	- 86.5	Female	9.4	8.5	- 10.4	Female	23.4	22.1	- 24.7
Male	88.1	86.8	- 89.4	Male	12.6	11.5	- 13.7	Male	20.1	19.0	- 21.2
Race/Ethnicity				Race/Ethnicity				Race/Ethnicity			
White	81.1	79.5	- 82.6	White	5.2	4.6	- 5.8	White	17.8	16.7	- 19.0
Black	94.9	93.7	- 95.9	Black	17.5	15.9	- 19.1	Black	25.5	24.0	- 27.1
Hispanic	93.4	91.7	- 94.8	Hispanic	17.1	14.8	- 19.5	Hispanic	29.4	26.7	- 32.2
Other/Multiple	76.8	70.3	- 82.2	Other/Multiple	15.5	12.4	- 19.2	Other/Multiple	26.0	22.1	- 30.2
Grade				Grade				Grade			
9th	84.2	81.3	- 86.7	9th	11.7	10.4	- 13.1	9th	21.2	19.7	- 22.7
10th	88.4	86.4	- 90.1	10th	10.5	9.1	- 12.2	10th	20.5	18.9	- 22.2
11th	87.2	85.1	- 89.1	11th	10.7	9.1	- 12.4	11th	24.1	22.3	- 26.1
12th	87.9	86.0	- 89.5	12th	11.1	9.0	- 13.6	12th	20.7	18.7	- 22.9
Total	86.8	85.8	- 87.8	Total	11.1	10.3	- 12.0	Total	21.7	20.8	- 22.7

Behaviors that Contribute to Unintentional Injuries

Drove a car or other vehicle when student had been drinking alcohol			Texted or e-mailed while driving		
Category	%	CI	Category	%	CI
Gender			Gender		
Female	6.6	5.5 - 7.8	Female	38.1	35.7 - 40.7
Male	9.0	7.8 - 10.2	Male	36.9	34.6 - 39.3
Race/Ethnicity			Race/Ethnicity		
White	6.6	5.4 - 7.9	White	43.3	40.9 - 45.6
Black	8.7	7.5 - 10.0	Black	29.3	26.3 - 32.6
Hispanic	13.7	11.3 - 16.5	Hispanic	32.0	27.9 - 36.5
Other/Multiple	17.0	13.2 - 21.6	Other/Multiple	42.7	37.8 - 47.8
Grade			Grade		
9th	6.0	4.6 - 7.8	9th	13.2	11.6 - 15.1
10th	5.4	4.0 - 7.3	10th	24.3	21.4 - 27.4
11th	7.6	6.1 - 9.4	11th	47.6	44.8 - 50.4
12th	11.1	9.1 - 13.4	12th	54.4	50.9 - 57.8
Total	7.9	7.1 - 8.8	Total	37.5	35.7 - 39.3

Violence

Carried a weapon			Could get and be ready to fire a loaded gun			Did not go to school because of safety concerns		
Category	%	CI	Category	%	CI	Category	%	CI
Gender			Gender			Gender		
Female	8.4	7.5 - 9.3	Female	31.3	29.7 - 32.8	Female	12.1	11.1 - 13.3
Male	18.4	17.3 - 19.5	Male	50.5	48.8 - 52.2	Male	9.0	8.0 - 10.1
Race/Ethnicity			Race/Ethnicity			Race/Ethnicity		
White	11.8	10.9 - 12.8	White	41.4	40.0 - 42.9	White	6.5	5.7 - 7.4
Black	14.8	13.5 - 16.3	Black	40.7	38.5 - 42.9	Black	14.7	13.4 - 16.1
Hispanic	19.3	17.2 - 21.6	Hispanic	46.0	43.1 - 48.9	Hispanic	13.8	12.0 - 15.7
Other/Multiple	18.5	15.3 - 22.0	Other/Multiple	40.1	35.8 - 44.7	Other/Multiple	16.3	13.3 - 19.8
Grade			Grade			Grade		
9th	11.8	10.4 - 13.4	9th	37.5	35.2 - 39.9	9th	10.6	9.4 - 11.9
10th	13.5	12.0 - 15.1	10th	42.8	40.4 - 45.3	10th	9.0	7.7 - 10.6
11th	14.5	12.7 - 16.5	11th	40.8	38.7 - 43.0	11th	11.8	10.1 - 13.7
12th	14.3	12.7 - 16.1	12th	44.3	42.1 - 46.6	12th	10.3	8.6 - 12.3
Total	13.7	12.9 - 14.5	Total	41.4	40.2 - 42.6	Total	10.6	9.9 - 11.4

Violence

Threatened or injured with a weapon, on school property			In a physical fight			Forced to have sexual intercourse		
Category	%	CI	Category	%	CI	Category	%	CI
Gender			Gender			Gender		
Female	7.3	6.4 - 8.2	Female	20.9	19.5 - 22.4	Female	9.2	8.3 - 10.1
Male	10.4	9.3 - 11.5	Male	31.4	29.5 - 33.2	Male	5.2	4.4 - 6.2
Race/Ethnicity			Race/Ethnicity			Race/Ethnicity		
White	7.0	6.3 - 7.9	White	17.7	16.6 - 18.9	White	6.0	5.2 - 6.8
Black	10.3	9.1 - 11.7	Black	36.2	34.5 - 37.9	Black	7.7	6.7 - 8.7
Hispanic	13.2	11.3 - 15.4	Hispanic	30.1	27.3 - 33.0	Hispanic	13.0	10.7 - 15.7
Other/Multiple	14.9	12.0 - 18.2	Other/Multiple	30.0	25.3 - 35.1	Other/Multiple	11.2	9.0 - 13.8
Grade			Grade			Grade		
9th	9.2	8.2 - 10.3	9th	31.2	28.7 - 33.9	9th	5.4	4.7 - 6.3
10th	7.9	7.0 - 8.9	10th	26.6	24.6 - 28.8	10th	6.0	5.1 - 7.1
11th	9.4	7.7 - 11.4	11th	24.8	22.4 - 27.3	11th	8.9	7.6 - 10.5
12th	8.4	6.9 - 10.4	12th	21.2	19.3 - 23.2	12th	8.2	6.8 - 9.9
Total	9.0	8.3 - 9.7	Total	26.4	25.3 - 27.5	Total	7.2	6.6 - 7.8

Violence

Forced to do sexual things by someone they were dating or going out with			
Category	%	CI	
Gender			
Female	16.3	14.9	17.7
Male	8.9	7.9	10.1
Race/Ethnicity			
White	12.6	11.5	13.8
Black	11.6	10.4	13.0
Hispanic	15.2	13.1	17.7
Other/Multiple	17.3	13.9	21.3
Grade			
9th	13.0	11.6	14.5
10th	11.7	9.9	13.7
11th	13.3	11.7	15.0
12th	11.5	9.8	13.4
Total	12.6	11.8	13.5

Physically injured by someone they were dating or going out with			
Category	%	CI	
Gender			
Female	11.3	10.1	12.6
Male	9.2	8.3	10.3
Race/Ethnicity			
White	8.4	7.4	9.5
Black	12.1	10.9	13.5
Hispanic	11.7	9.8	14.0
Other/Multiple	11.1	8.7	14.1
Grade			
9th	10.1	9.1	11.2
10th	7.9	6.6	9.4
11th	11.2	9.8	12.8
12th	11.7	9.8	14.0
Total	10.3	9.6	11.1

Bullied on school property			
Category	%	CI	
Gender			
Female	19.7	18.3	21.1
Male	15.3	14.0	16.6
Race/Ethnicity			
White	21.0	19.7	22.3
Black	12.4	11.2	13.7
Hispanic	19.5	16.9	22.4
Other/Multiple	21.5	18.1	25.3
Grade			
9th	19.4	17.7	21.3
10th	18.1	16.3	20.1
11th	16.5	14.6	18.7
12th	14.0	12.3	15.8
Total	17.4	16.6	18.3

Violence

Electronically bullied			
Category	%	CI	
Gender			
Female	18.0	16.9	- 19.1
Male	11.5	10.5	- 12.6
Race/Ethnicity			
White	18.1	17.1	- 19.3
Black	9.7	8.6	- 11.0
Hispanic	17.2	15.0	- 19.8
Other/Multiple	19.5	15.6	- 24.1
Grade			
9th	14.8	13.2	- 16.6
10th	15.2	13.9	- 16.6
11th	13.8	12.2	- 15.7
12th	14.0	12.3	- 15.9
Total	14.7	13.9	- 15.5

Depressive Symptoms and Suicide

Purposely hurt self without wanting to die			Felt sad or hopeless			Seriously considered attempting suicide		
Category	%	CI	Category	%	CI	Category	%	CI
Gender			Gender			Gender		
Female	24.1	22.8 - 25.3	Female	41.1	39.7 - 42.5	Female	22.7	21.6 - 23.9
Male	13.0	11.8 - 14.1	Male	21.3	19.9 - 22.7	Male	12.4	11.2 - 13.7
Race/Ethnicity			Race/Ethnicity			Race/Ethnicity		
White	19.7	18.5 - 21.0	White	30.7	29.0 - 32.4	White	17.0	15.8 - 18.2
Black	15.5	14.5 - 16.6	Black	29.8	28.4 - 31.1	Black	17.4	15.9 - 18.9
Hispanic	26.1	23.8 - 28.6	Hispanic	42.7	39.6 - 45.8	Hispanic	21.7	19.2 - 24.6
Other/Multiple	21.5	18.2 - 25.2	Other/Multiple	31.8	27.8 - 36.1	Other/Multiple	19.9	16.9 - 23.4
Grade			Grade			Grade		
9th	18.8	17.7 - 20.1	9th	29.6	28.1 - 31.0	9th	17.4	16.0 - 18.9
10th	19.2	17.4 - 21.1	10th	30.4	28.1 - 32.9	10th	17.2	15.4 - 19.1
11th	18.2	16.7 - 19.8	11th	32.2	30.4 - 34.0	11th	19.1	16.9 - 21.4
12th	16.0	14.4 - 17.9	12th	31.1	28.9 - 33.4	12th	15.3	13.4 - 17.4
Total	18.4	17.6 - 19.1	Total	30.9	29.9 - 31.9	Total	17.4	16.5 - 18.3

Depressive Symptoms and Suicide

Attempted suicide				Knew someone who completed suicide			
Category	%	CI		Category	%	CI	
Gender				Gender			
Female	13.1	12.2	14.0	Female	37.2	35.5	38.9
Male	10.1	9.0	11.4	Male	26.6	25.2	28.1
Race/Ethnicity				Race/Ethnicity			
White	8.1	7.3	9.0	White	36.9	35.4	38.4
Black	14.4	12.9	16.1	Black	23.9	22.3	25.7
Hispanic	20.4	18.1	22.9	Hispanic	36.4	33.3	39.7
Other/Multiple	17.2	13.9	21.0	Other/Multiple	33.7	29.7	37.9
Grade				Grade			
9th	12.4	11.2	13.6	9th	28.0	26.0	30.3
10th	10.6	9.3	12.0	10th	31.6	29.5	33.8
11th	11.6	9.6	13.9	11th	32.9	29.7	36.3
12th	11.2	9.4	13.3	12th	34.2	31.5	37.1
Total	11.6	10.8	12.5	Total	31.6	30.6	32.7

Tobacco and Electronic Vapor Use

Ever smoked cigarettes				Current cigarette use				Smoked more than 10 cigarettes			
Category	%	CI		Category	%	CI		Category	%	CI	
Gender				Gender				Gender			
Female	20.5	19.2	- 22.0	Female	5.7	4.9	- 6.5	Female	5.8	4.4	- 7.7
Male	20.2	19.0	- 21.5	Male	6.7	5.9	- 7.6	Male	13.5	8.9	- 20.1
Race/Ethnicity				Race/Ethnicity				Race/Ethnicity			
White	23.5	22.1	- 24.9	White	8.7	7.8	- 9.7	White	6.1	4.2	- 8.8
Black	15.7	14.4	- 17.1	Black	2.8	2.1	- 3.8	Black	14.7	7.1	- 28.0
Hispanic	26.2	23.4	- 29.2	Hispanic	7.4	6.1	- 9.1	Hispanic	16.6	10.1	- 26.2
Other/Multiple	20.9	16.7	- 26.0	Other/Multiple	7.6	5.1	- 11.2	Other/Multiple	24.2	17.3	- 32.7
Grade				Grade				Grade			
9th	12.9	11.8	- 14.2	9th	3.5	2.7	- 4.6	9th	5.0	2.8	- 9.0
10th	18.5	16.7	- 20.6	10th	5.8	4.8	- 7.1	10th	5.3	2.8	- 10.1
11th	24.2	22.2	- 26.4	11th	7.0	5.6	- 8.6	11th	18.0	9.9	- 30.4
12th	27.2	24.8	- 29.7	12th	8.8	7.5	- 10.3	12th	7.1	4.8	- 10.2
Total	20.4	19.5	- 21.4	Total	6.2	5.7	- 6.8	Total	10.3	7.5	- 14.0

Tobacco and Electronic Vapor Use

Current cigar use				Smoked more than 10 cigars, cigarillos, little cigars, or flavored cigars per day				Current use of tobacco in a waterpipe			
Category	%	CI		Category	%	CI		Category	%	CI	
Gender				Gender				Gender			
Female	12.3	11.1	- 13.7	Female	4.1	2.9	- 6.0	Female	6.9	6.1	- 7.9
Male	13.7	12.6	- 14.9	Male	8.2	6.6	- 10.3	Male	7.7	6.8	- 8.7
Race/Ethnicity				Race/Ethnicity				Race/Ethnicity			
White	10.3	9.3	- 11.4	White	3.8	2.5	- 5.7	White	6.1	5.4	- 6.9
Black	16.5	15.1	- 18.1	Black	7.4	5.6	- 9.6	Black	8.0	6.9	- 9.2
Hispanic	14.7	12.8	- 16.8	Hispanic	15.7	10.6	- 22.7	Hispanic	12.1	10.2	- 14.3
Other/Multiple	13.0	10.4	- 16.0	Other/Multiple	17.6	12.4	- 24.4	Other/Multiple	10.6	7.7	- 14.4
Grade				Grade				Grade			
9th	9.0	7.8	- 10.3	9th	6.9	4.3	- 11.0	9th	5.0	4.0	- 6.2
10th	10.6	9.1	- 12.3	10th	3.6	2.5	- 5.1	10th	5.8	4.7	- 7.2
11th	13.9	12.1	- 16.0	11th	8.4	5.4	- 12.8	11th	8.1	6.8	- 9.7
12th	20.2	18.2	- 22.4	12th	5.4	3.9	- 7.4	12th	11.0	9.7	- 12.5
Total	13.1	12.2	- 14.0	Total	6.5	5.4	- 7.9	Total	7.4	6.7	- 8.0

Tobacco and Electronic Vapor Use

Tried first tobacco product before age 13 years			Ever tried to quit using all tobacco products			Ever used an electronic vapor product		
Category	%	CI	Category	%	CI	Category	%	CI
Gender			Gender			Gender		
Female	9.5	8.6 - 10.5	Female	45.7	42.6 - 48.9	Female	35.1	33.5 - 36.7
Male	12.2	11.2 - 13.3	Male	40.3	37.3 - 43.4	Male	35.9	34.3 - 37.6
Race/Ethnicity			Race/Ethnicity			Race/Ethnicity		
White	7.1	6.4 - 7.8	White	40.8	37.0 - 44.8	White	39.4	37.6 - 41.2
Black	15.1	13.6 - 16.7	Black	44.5	41.1 - 47.9	Black	29.1	27.4 - 30.8
Hispanic	18.2	15.6 - 21.2	Hispanic	48.3	43.5 - 53.2	Hispanic	47.4	44.0 - 50.8
Other/Multiple	11.4	8.9 - 14.4	Other/Multiple	31.3	24.0 - 39.6	Other/Multiple	37.8	32.5 - 43.3
Grade			Grade			Grade		
9th	10.8	9.2 - 12.6	9th	46.2	42.3 - 50.2	9th	24.1	22.3 - 26.0
10th	10.7	9.4 - 12.1	10th	45.6	40.3 - 50.9	10th	33.7	31.1 - 36.4
11th	10.3	8.9 - 11.9	11th	39.3	36.0 - 42.7	11th	40.6	38.3 - 42.8
12th	11.2	9.3 - 13.5	12th	40.9	36.4 - 45.7	12th	45.8	43.3 - 48.3
Total	10.9	10.1 - 11.7	Total	42.8	40.5 - 45.1	Total	35.5	34.3 - 36.8

Tobacco and Electronic Vapor Use

Current electronic vapor product use			
Category	%	CI	
Gender			
Female	15.0	13.9	- 16.3
Male	16.3	15.1	- 17.6
Race/Ethnicity			
White	19.6	18.0	- 21.3
Black	9.9	8.9	- 10.9
Hispanic	19.4	17.4	- 21.6
Other/Multiple	22.4	18.4	- 27.0
Grade			
9th	10.6	9.5	- 11.9
10th	14.8	13.0	- 16.7
11th	16.6	14.8	- 18.7
12th	21.5	19.5	- 23.6
Total	15.7	14.8	- 16.7

Alcohol Use

Ever used alcohol			Drank alcohol before age 13 years			Current alcohol use		
Category	%	CI	Category	%	CI	Category	%	CI
Gender			Gender			Gender		
Female	64.4	62.6 - 66.2	Female	14.5	13.4 - 15.8	Female	36.1	34.4 - 37.7
Male	52.4	50.4 - 54.3	Male	16.0	14.6 - 17.6	Male	25.6	24.2 - 27.1
Race/Ethnicity			Race/Ethnicity			Race/Ethnicity		
White	61.1	59.4 - 62.8	White	12.6	11.7 - 13.5	White	35.6	33.8 - 37.4
Black	54.0	51.7 - 56.2	Black	18.2	16.3 - 20.3	Black	24.0	22.2 - 25.8
Hispanic	64.8	61.2 - 68.2	Hispanic	23.0	20.4 - 25.9	Hispanic	36.4	33.3 - 39.7
Other/Multiple	53.4	48.6 - 58.2	Other/Multiple	14.4	11.6 - 17.7	Other/Multiple	26.7	22.7 - 31.0
Grade			Grade			Grade		
9th	45.4	43.1 - 47.6	9th	17.7	15.7 - 19.8	9th	20.0	18.3 - 21.8
10th	57.0	54.5 - 59.4	10th	16.1	14.2 - 18.1	10th	29.1	27.0 - 31.4
11th	64.4	62.6 - 66.2	11th	13.7	12.0 - 15.6	11th	33.5	31.5 - 35.6
12th	68.6	66.2 - 70.9	12th	12.3	10.8 - 14.0	12th	42.9	40.3 - 45.6
Total	58.3	56.9 - 59.7	Total	15.3	14.4 - 16.4	Total	30.7	29.5 - 32.0

Alcohol Use

Had 4 or more drinks in a row (if female) or 5 or more drinks (if male) within a couple of hours			
Category	%	CI	
Gender			
Female	18.0	16.4	- 19.6
Male	14.9	13.6	- 16.2
Race/Ethnicity			
White	19.7	18.3	- 21.3
Black	11.5	10.0	- 13.3
Hispanic	20.2	18.1	- 22.6
Other/Multiple	16.2	13.2	- 19.8
Grade			
9th	8.6	7.2	- 10.3
10th	13.0	11.4	- 14.8
11th	20.3	18.7	- 22.0
12th	25.9	23.6	- 28.3
Total	16.4	15.4	- 17.5

Marijuana Use

Ever used marijuana			Tried marijuana before age 13 years			Current marijuana use		
Category	%	CI	Category	%	CI	Category	%	CI
Gender			Gender			Gender		
Female	42.4	40.5 - 44.3	Female	6.5	5.7 - 7.3	Female	26.7	25.2 - 28.3
Male	38.3	36.6 - 40.1	Male	10.3	9.2 - 11.5	Male	22.8	21.4 - 24.2
Race/Ethnicity			Race/Ethnicity			Race/Ethnicity		
White	35.4	33.5 - 37.3	White	4.7	4.1 - 5.4	White	21.4	19.9 - 23.0
Black	47.5	45.3 - 49.6	Black	12.7	11.3 - 14.4	Black	29.6	27.8 - 31.5
Hispanic	42.9	39.5 - 46.5	Hispanic	13.3	11.2 - 15.6	Hispanic	24.3	21.7 - 27.1
Other/Multiple	32.2	28.1 - 36.5	Other/Multiple	7.8	5.9 - 10.1	Other/Multiple	20.5	17.4 - 24.0
Grade			Grade			Grade		
9th	27.0	24.9 - 29.3	9th	9.2	8.0 - 10.6	9th	17.2	15.7 - 18.8
10th	37.7	35.6 - 39.8	10th	8.2	6.9 - 9.8	10th	22.7	20.6 - 25.0
11th	47.1	44.8 - 49.4	11th	8.9	7.5 - 10.5	11th	29.3	26.9 - 31.9
12th	52.5	49.4 - 55.7	12th	7.0	5.6 - 8.7	12th	31.6	28.9 - 34.4
Total	40.3	38.9 - 41.8	Total	8.5	7.7 - 9.3	Total	24.7	23.6 - 25.9

Marijuana Use

Usually smoked marijuana in a blunt			
Category	%	CI	
Gender			
Female	63.5	60.5	- 66.5
Male	55.2	52.0	- 58.4
Race/Ethnicity			
White	39.1	36.4	- 41.9
Black	77.3	74.5	- 79.9
Hispanic	64.8	58.6	- 70.5
Other/Multiple	55.0	46.2	- 63.5
Grade			
9th	66.0	61.8	- 70.0
10th	59.1	54.2	- 63.8
11th	58.8	53.4	- 64.0
12th	57.5	52.8	- 62.0
Total	59.6	57.8	- 61.4

Other Drug Use

Ever used prescription pain medicine without a doctor's prescription or differently than how a doctor prescribed			Ever used synthetic drugs			Ever used an illicit drug		
Category	%	CI	Category	%	CI	Category	%	CI
Gender			Gender			Gender		
Female	14.1	12.9 - 15.4	Female	6.5	5.6 - 7.5	Female	5.0	4.3 - 5.9
Male	13.0	11.8 - 14.3	Male	7.9	6.8 - 9.1	Male	8.5	7.3 - 9.8
Race/Ethnicity			Race/Ethnicity			Race/Ethnicity		
White	11.2	10.0 - 12.5	White	5.3	4.5 - 6.2	White	6.3	5.4 - 7.3
Black	15.5	13.9 - 17.2	Black	9.0	7.7 - 10.5	Black	7.0	5.9 - 8.2
Hispanic	20.4	17.8 - 23.2	Hispanic	11.4	9.6 - 13.4	Hispanic	9.8	8.1 - 11.8
Other/Multiple	17.5	14.6 - 20.8	Other/Multiple	10.4	8.1 - 13.2	Other/Multiple	9.6	7.5 - 12.2
Grade			Grade			Grade		
9th	11.5	9.9 - 13.2	9th	5.4	4.6 - 6.3	9th	4.4	3.3 - 5.7
10th	12.7	11.1 - 14.4	10th	6.5	5.5 - 7.7	10th	5.4	4.3 - 6.7
11th	14.2	12.4 - 16.2	11th	8.5	6.6 - 10.9	11th	8.8	6.9 - 11.1
12th	15.8	13.3 - 18.6	12th	8.4	6.6 - 10.6	12th	9.3	7.8 - 11.0
Total	13.6	12.7 - 14.6	Total	7.3	6.6 - 8.1	Total	6.9	6.2 - 7.7

Other Drug Use

Offered, sold, or given illegal drugs on school property			
Category	%	CI	
Gender			
Female	15.8	14.7	17.0
Male	19.2	17.9	20.7
Race/Ethnicity			
White	15.1	14.0	16.3
Black	20.1	18.6	21.8
Hispanic	20.3	18.1	22.8
Other/Multiple	21.3	17.9	25.3
Grade			
9th	16.0	14.5	17.7
10th	17.1	15.8	18.6
11th	19.5	17.2	22.1
12th	17.8	15.9	19.9
Total	17.6	16.7	18.5

Sexual Behaviors

Ever had sexual intercourse			Had sexual intercourse before age 13 years			Had sexual intercourse with 4 or more people		
Category	%	CI	Category	%	CI	Category	%	CI
Gender			Gender			Gender		
Female	37.1	35.1 - 39.2	Female	1.7	1.4 - 2.1	Female	6.6	5.8 - 7.4
Male	43.0	41.2 - 44.7	Male	8.1	7.0 - 9.4	Male	12.9	11.6 - 14.3
Race/Ethnicity			Race/Ethnicity			Race/Ethnicity		
White	32.2	30.2 - 34.4	White	1.5	1.2 - 1.9	White	5.9	5.1 - 6.8
Black	51.4	49.1 - 53.8	Black	9.6	8.3 - 11.1	Black	15.4	13.8 - 17.2
Hispanic	45.9	42.2 - 49.7	Hispanic	6.6	5.4 - 8.2	Hispanic	9.2	7.5 - 11.2
Other/Multiple	29.9	25.9 - 34.3	Other/Multiple	6.5	4.8 - 8.7	Other/Multiple	10.0	7.1 - 13.9
Grade			Grade			Grade		
9th	23.9	21.5 - 26.5	9th	5.8	4.7 - 7.3	9th	5.5	4.2 - 7.3
10th	33.8	31.2 - 36.5	10th	4.2	3.5 - 5.1	10 th	6.6	5.6 - 7.8
11th	48.9	46.2 - 51.7	11th	5.2	3.5 - 7.7	11th	12.1	10.1 - 14.4
12th	59.3	56.5 - 62.0	12th	4.3	3.5 - 5.3	12th	17.0	15.0 - 19.1
Total	40.0	38.6 - 41.5	Total	4.9	4.4 - 5.6	Total	9.8	9.0 - 10.6

Sexual Behaviors

Currently sexually active			Drank alcohol or used drugs before having sexual intercourse			Used a condom during last sexual intercourse		
Category	%	CI	Category	%	CI	Category	%	CI
Gender			Gender			Gender		
Female	27.0	25.4 - 28.7	Female	19.0	16.6 - 21.7	Female	48.9	45.5 - 52.3
Male	29.4	27.7 - 31.2	Male	17.6	15.3 - 20.2	Male	62.0	59.1 - 64.9
Race/Ethnicity			Race/Ethnicity			Race/Ethnicity		
White	23.6	21.8 - 25.4	White	19.4	16.5 - 22.6	White	60.4	56.0 - 64.5
Black	35.1	33.2 - 37.1	Black	16.7	14.5 - 19.3	Black	51.8	48.5 - 55.0
Hispanic	32.7	29.5 - 36.0	Hispanic	20.2	15.8 - 25.5	Hispanic	53.3	47.9 - 58.6
Other/Multiple	20.9	17.1 - 25.3	Other/Multiple	30.6	20.4 - 43.1	Other/Multiple	50.8	39.4 - 62.1
Grade			Grade			Grade		
9th	14.5	12.4 - 16.9	9th	14.2	11.1 - 17.8	9th	60.8	56.8 - 64.7
10th	22.3	20.1 - 24.6	10th	14.1	10.8 - 18.3	10 th	60.0	53.7 - 66.0
11th	36.4	33.7 - 39.2	11th	19.4	16.9 - 22.1	11th	53.1	49.4 - 56.8
12th	45.1	42.5 - 47.8	12th	22.0	18.8 - 25.5	12th	52.8	48.5 - 57.0
Total	28.2	26.9 - 29.6	Total	18.3	16.6 - 20.2	Total	55.7	53.2 - 58.2

Sexual Behaviors

Been pregnant or gotten someone pregnant			Ever been taught about AIDS or HIV infection in school			Ever been tested for HIV, the virus that causes AIDS		
Category	%	CI	Category	%	CI	Category	%	CI
Gender			Gender			Gender		
Female	2.9	2.4 - 3.4	Female	82.5	81.2 - 83.7	Female	13.5	12.5 - 14.6
Male	2.8	2.3 - 3.5	Male	79.9	78.2 - 81.5	Male	14.2	12.9 - 15.6
Race/Ethnicity			Race/Ethnicity			Race/Ethnicity		
White	1.2	0.9 - 1.6	White	86.4	85.2 - 87.4	White	9.9	8.9 - 11.0
Black	4.9	4.1 - 5.9	Black	76.0	73.7 - 78.2	Black	18.7	17.1 - 20.5
Hispanic	4.3	3.4 - 5.5	Hispanic	69.6	66.4 - 72.7	Hispanic	19.0	16.6 - 21.7
Other/Multiple	2.4	1.8 - 3.2	Other/Multiple	76.5	72.5 - 80.1	Other/Multiple	14.8	11.2 - 19.2
Grade			Grade			Grade		
9th	2.2	1.4 - 3.4	9th	76.1	73.8 - 78.3	9th	10.5	8.5 - 12.8
10th	1.8	1.4 - 2.4	10th	83.9	81.8 - 85.8	10 th	10.4	9.1 - 11.8
11th	3.5	2.7 - 4.5	11th	81.1	78.6 - 83.4	11th	15.9	14.4 - 17.5
12th	4.4	3.5 - 5.5	12th	84.2	81.8 - 86.2	12th	20.4	18.2 - 22.8
Total	2.9	2.5 - 3.3	Total	81.1	80.0 - 82.2	Total	13.9	13.0 - 14.8

Sexual Behaviors

Adults in family have talked about expectations with students about sex			
Category	%	CI	
Gender			
Female	63.5	61.8	65.1
Male	56.6	54.9	58.3
Race/Ethnicity			
White	55.6	54.2	57.0
Black	67.1	64.7	69.5
Hispanic	61.1	57.8	64.2
Other/Multiple	45.9	40.7	51.2
Grade			
9th	59.4	56.5	62.3
10th	60.2	57.9	62.4
11th	58.1	55.8	60.3
12th	63.1	60.0	66.2
Total	60.0	58.7	61.2

Obesity and Weight Control

Obese			Overweight			Describes self as slightly or very overweight		
Category	%	CI	Category	%	CI	Category	%	CI
Gender			Gender			Gender		
Female	12.4	11.5 - 13.4	Female	18.4	17.0 - 20.0	Female	37.7	36.2 - 39.4
Male	18.2	17.0 - 19.5	Male	17.2	16.0 - 18.4	Male	24.9	23.5 - 26.2
Race/Ethnicity			Race/Ethnicity			Race/Ethnicity		
White	12.4	11.3 - 13.6	White	15.7	14.4 - 17.0	White	31.9	30.5 - 33.3
Black	19.0	17.7 - 20.4	Black	20.5	18.7 - 22.4	Black	30.0	28.2 - 31.8
Hispanic	20.9	18.7 - 23.3	Hispanic	18.4	16.1 - 21.0	Hispanic	32.6	30.2 - 35.2
Other/Multiple	12.5	9.2 - 16.8	Other/Multiple	15.5	13.0 - 18.4	Other/Multiple	30.4	26.9 - 34.1
Grade			Grade			Grade		
9th	13.7	12.3 - 15.1	9th	18.6	16.8 - 20.6	9th	28.6	26.5 - 30.7
10th	15.9	14.1 - 17.8	10th	15.8	14.1 - 17.5	10 th	30.6	28.9 - 32.3
11th	17.2	15.1 - 19.5	11th	19.7	17.7 - 21.8	11th	32.4	30.3 - 34.5
12th	14.9	13.4 - 16.6	12th	17.7	15.4 - 20.4	12th	33.4	30.9 - 35.9
Total	15.5	14.7 - 16.3	Total	17.8	16.8 - 18.8	Total	31.1	30.0 - 32.1

Obesity and Weight Control

Trying to lose weight			
Category	%	CI	
Gender			
Female	57.9	56.5	59.3
Male	31.2	29.8	32.7
Race/Ethnicity			
White	45.0	43.6	46.4
Black	42.4	40.6	44.1
Hispanic	48.5	45.8	51.3
Other/Multiple	42.5	37.9	47.3
Grade			
9th	42.8	40.9	44.9
10th	44.3	42.4	46.2
11th	43.7	41.4	46.0
12th	46.2	43.7	48.7
Total	44.1	43.1	45.1

Dietary Behavior

Ate fruits and vegetables 5 or more times per day			Drank water at school on average every day			Did not eat breakfast each day		
Category	%	CI	Category	%	CI	Category	%	CI
Gender			Gender			Gender		
Female	18.6	17.6 - 19.7	Female	58.9	57.2 - 60.5	Female	72.8	71.2 - 74.3
Male	20.3	19.1 - 21.7	Male	56.8	54.8 - 58.8	Male	70.6	69.0 - 72.1
Race/Ethnicity			Race/Ethnicity			Race/Ethnicity		
White	19.0	17.9 - 20.2	White	66.0	63.6 - 68.2	White	63.9	62.3 - 65.4
Black	19.4	17.9 - 21.0	Black	48.1	45.4 - 50.8	Black	82.0	80.2 - 83.7
Hispanic	19.9	17.7 - 22.2	Hispanic	46.1	42.7 - 49.4	Hispanic	78.6	76.1 - 80.9
Other/Multiple	27.7	24.0 - 31.7	Other/Multiple	58.9	53.8 - 63.9	Other/Multiple	62.3	57.3 - 67.1
Grade			Grade			Grade		
9th	20.3	18.8 - 21.8	9th	56.7	53.2 - 60.1	9th	69.7	67.6 - 71.6
10th	19.5	18.1 - 20.9	10th	58.0	55.4 - 60.6	10th	68.4	66.0 - 70.7
11th	19.8	17.9 - 21.9	11th	58.6	55.7 - 61.3	11th	74.1	71.4 - 76.7
12th	17.9	16.4 - 19.5	12th	58.6	55.7 - 61.4	12th	75.9	73.6 - 78.1
Total	19.5	18.7 - 20.4	Total	57.7	56.2 - 59.3	Total	71.7	70.5 - 72.8

Dietary Behavior

Ate fast food meal or snack on 1 or more days			
Category	%	CI	
Gender			
Female	69.0	67.4	70.7
Male	73.4	71.9	74.8
Race/Ethnicity			
White	66.0	64.5	67.5
Black	78.1	76.5	79.6
Hispanic	77.1	74.0	79.9
Other/Multiple	67.9	63.1	72.4
Grade			
9th	72.0	69.4	74.5
10th	70.3	67.9	72.6
11th	72.0	70.3	73.7
12th	70.5	68.4	72.4
Total	71.2	70.2	72.3

Went hungry because not enough food in the home			
Category	%	CI	
Gender			
Female	17.7	16.3	19.1
Male	19.0	17.8	20.3
Race/Ethnicity			
White	14.8	13.7	15.9
Black	22.3	20.5	24.2
Hispanic	24.9	22.4	27.5
Other/Multiple	17.4	14.6	20.6
Grade			
9th	14.9	13.5	16.3
10th	16.9	15.4	18.4
11th	20.4	18.1	22.9
12th	21.7	19.6	23.9
Total	18.4	17.5	19.3

Physical Activity

Participated in 60 or more minutes of physical activity on 5 or more days			Did not participate in 60 or more minutes of physical activity on any day			Watched television 3 or more hours per day		
Category	%	CI	Category	%	CI	Category	%	CI
Gender			Gender			Gender		
Female	33.8	32.2 - 35.5	Female	20.8	19.3 - 22.3	Female	25.1	23.6 - 26.7
Male	47.7	45.9 - 49.6	Male	15.0	13.9 - 16.1	Male	22.7	21.2 - 24.3
Race/Ethnicity			Race/Ethnicity			Race/Ethnicity		
White	47.0	45.1 - 48.8	White	12.6	11.6 - 13.6	White	15.7	14.6 - 16.9
Black	33.5	31.4 - 35.6	Black	24.4	22.7 - 26.3	Black	34.7	32.8 - 36.6
Hispanic	32.4	29.4 - 35.5	Hispanic	24.4	21.8 - 27.1	Hispanic	26.8	24.4 - 29.4
Other/Multiple	43.1	38.9 - 47.4	Other/Multiple	19.0	16.4 - 22.0	Other/Multiple	24.2	19.9 - 29.2
Grade			Grade			Grade		
9th	45.0	42.2 - 47.8	9th	16.4	14.9 - 18.1	9th	25.0	22.9 - 27.2
10th	41.6	39.2 - 44.0	10th	17.8	15.8 - 19.9	10th	24.2	21.9 - 26.7
11th	39.2	37.1 - 41.4	11th	18.0	16.4 - 19.6	11th	23.7	21.2 - 26.4
12th	37.0	34.6 - 39.5	12th	19.5	17.8 - 21.3	12th	21.9	20.0 - 23.8
Total	40.9	39.6 - 42.1	Total	17.9	17.0 - 18.8	Total	23.9	22.9 - 25.0

Physical Activity

Played video or computer games or used a computer 3 or more hours per day				Played on 1 or more sports teams				Walk or ride bike to or from school 3 or more days			
Category	%	CI		Category	%	CI		Category	%	CI	
Gender				Gender				Gender			
Female	45.7	44.0	47.4	Female	55.5	53.7	57.2	Female	23.1	21.7	24.6
Male	44.0	42.4	45.5	Male	64.6	62.9	66.2	Male	26.4	24.7	28.1
Race/Ethnicity				Race/Ethnicity				Race/Ethnicity			
White	43.2	41.6	44.8	White	63.5	61.6	65.3	White	21.0	19.7	22.3
Black	47.0	44.7	49.3	Black	56.2	54.2	58.2	Black	30.0	27.4	32.7
Hispanic	47.6	44.5	50.7	Hispanic	51.0	47.9	54.1	Hispanic	27.8	25.5	30.2
Other/Multiple	43.1	38.2	48.2	Other/Multiple	63.3	58.8	67.5	Other/Multiple	20.3	17.3	23.7
Grade				Grade				Grade			
9th	48.5	45.8	51.2	9th	63.5	60.9	66.1	9th	31.9	28.2	35.8
10th	48.3	46.2	50.4	10th	61.7	59.2	64.1	10th	25.6	23.2	28.1
11th	43.1	40.7	45.6	11th	58.9	56.5	61.3	11th	21.1	19.0	23.4
12th	37.3	34.9	39.8	12th	55.0	52.3	57.6	12th	18.8	16.7	21.0
Total	44.8	43.6	46.0	Total	60.0	58.7	61.3	Total	24.8	23.6	26.1

Positive Youth Development

Spent at least 1 day in clubs or organizations outside of school			Spent at least 1 hour helping other people without getting paid to make one's community a better place for people to live			Parents talk with student about school almost every day		
Category	%	CI	Category	%	CI	Category	%	CI
Gender			Gender			Gender		
Female	52.8	51.1 - 54.5	Female	38.4	36.7 - 40.1	Female	51.2	49.3 - 53.0
Male	46.9	45.3 - 48.5	Male	39.9	38.3 - 41.5	Male	50.2	48.7 - 51.6
Race/Ethnicity			Race/Ethnicity			Race/Ethnicity		
White	52.6	50.7 - 54.5	White	39.7	38.3 - 41.1	White	54.6	52.9 - 56.2
Black	46.6	44.8 - 48.3	Black	38.2	36.4 - 40.0	Black	46.2	44.1 - 48.2
Hispanic	42.7	39.5 - 45.9	Hispanic	38.7	35.8 - 41.7	Hispanic	43.1	40.1 - 46.2
Other/Multiple	53.7	48.3 - 59.0	Other/Multiple	40.8	36.2 - 45.6	Other/Multiple	50.4	45.4 - 55.3
Grade			Grade			Grade		
9th	48.7	46.6 - 50.9	9th	36.6	34.9 - 38.4	9th	56.1	54.2 - 58.1
10th	51.3	49.0 - 53.6	10th	36.1	33.9 - 38.3	10th	51.5	49.0 - 53.9
11th	50.6	47.8 - 53.4	11th	42.0	39.9 - 44.2	11th	47.4	44.9 - 49.9
12th	48.1	45.8 - 50.5	12th	42.9	41.0 - 44.9	12th	46.7	44.2 - 49.1
Total	49.8	48.5 - 51.1	Total	39.1	38.1 - 40.2	Total	50.6	49.5 - 51.8

Positive Youth Development

Students help decide what goes on in school				Students feel like they matter to people in their community				Obtained 8 or more hours of sleep			
Category	%	CI		Category	%	CI		Category	%	CI	
Gender				Gender				Gender			
Female	48.5	46.8	50.2	Female	37.5	35.9	39.2	Female	19.3	18.1	20.5
Male	51.1	49.6	52.7	Male	49.5	47.6	51.4	Male	20.9	19.6	22.4
Race/Ethnicity				Race/Ethnicity				Race/Ethnicity			
White	50.7	49.0	52.3	White	46.6	45.0	48.2	White	21.3	20.0	22.7
Black	49.5	47.7	51.2	Black	40.1	37.7	42.7	Black	18.3	16.8	20.0
Hispanic	44.4	41.3	47.5	Hispanic	39.3	36.0	42.6	Hispanic	19.6	17.5	21.9
Other/Multiple	47.3	42.3	52.2	Other/Multiple	39.1	34.8	43.4	Other/Multiple	20.9	17.6	24.6
Grade				Grade				Grade			
9th	49.3	47.4	51.3	9th	45.0	42.4	47.7	9th	25.5	23.7	27.5
10th	50.0	48.0	52.0	10th	41.6	39.5	43.7	10th	21.1	19.3	22.9
11th	49.7	47.4	52.0	11th	43.8	41.4	46.3	11th	17.3	15.1	19.7
12th	50.5	48.2	52.7	12th	44.5	41.9	47.2	12th	15.4	13.9	17.0
Total	49.8	48.7	50.9	Total	43.6	42.3	45.0	Total	20.1	19.2	21.1

Positive Youth Development

Had a supportive adult				Described their grades in school as mostly A's and B's			
Category	%	CI		Category	%	CI	
Gender				Gender			
Female	79.0	77.7	80.3	Female	80.7	79.1	82.1
Male	75.7	73.9	77.3	Male	72.1	70.3	73.8
Race/Ethnicity				Race/Ethnicity			
White	78.2	76.5	79.8	White	81.5	80.0	83.0
Black	77.0	75.4	78.5	Black	69.7	67.6	71.6
Hispanic	71.6	68.9	74.2	Hispanic	64.3	60.5	67.9
Other/Multiple	74.2	70.5	77.7	Other/Multiple	79.0	75.1	82.4
Grade				Grade			
9th	77.7	75.8	79.6	9th	76.8	74.2	79.3
10th	75.8	73.2	78.2	10th	75.6	72.7	78.2
11th	78.3	76.5	80.0	11th	76.6	74.3	78.7
12th	78.3	76.2	80.2	12th	77.1	74.8	79.2
Total	77.2	76.2	78.3	Total	76.3	75.0	77.5

Preventive Health Care

Described health in general as fair or poor			Saw a doctor or nurse for check-up or physical exam			Saw a doctor, nurse, or counselor about stress, depression, or problems with emotions		
Category	%	CI	Category	%	CI	Category	%	CI
Gender			Gender			Gender		
Female	23.3	21.8 - 24.9	Female	71.7	69.9 - 73.4	Female	27.9	26.7 - 29.2
Male	15.4	14.1 - 16.7	Male	69.0	67.2 - 70.7	Male	17.3	16.0 - 18.8
Race/Ethnicity			Race/Ethnicity			Race/Ethnicity		
White	17.4	16.1 - 18.7	White	75.1	73.5 - 76.7	White	23.4	22.1 - 24.8
Black	21.0	19.2 - 23.0	Black	64.6	62.0 - 67.1	Black	21.5	19.9 - 23.1
Hispanic	25.6	23.3 - 28.0	Hispanic	63.5	60.6 - 66.4	Hispanic	25.7	23.0 - 28.5
Other/Multiple	21.9	18.6 - 25.7	Other/Multiple	67.4	63.4 - 71.2	Other/Multiple	21.0	18.2 - 24.1
Grade			Grade			Grade		
9th	16.3	14.4 - 18.5	9th	73.1	69.1 - 76.7	9th	22.1	20.4 - 24.0
10th	19.1	17.3 - 21.0	10th	69.5	67.0 - 71.8	10th	21.9	20.3 - 23.7
11th	20.1	18.4 - 21.9	11th	69.3	66.5 - 72.0	11th	24.0	22.0 - 26.2
12th	21.8	19.5 - 24.3	12th	69.6	66.9 - 72.1	12th	22.7	20.8 - 24.7
Total	19.3	18.3 - 20.3	Total	70.3	69.0 - 71.6	Total	22.7	21.7 - 23.7

Other Health Behaviors

Lives with 2 parents (Biological or step-parent)			Never or rarely feels safe and secure in the neighborhood			Parent(s) or guardian(s) have been in prison or jail		
Category	%	CI	Category	%	CI	Category	%	CI
Gender			Gender			Gender		
Female	59.3	57.6 - 60.9	Female	9.3	8.3 - 10.4	Female	8.0	7.2 - 8.9
Male	59.7	58.1 - 61.3	Male	12.6	11.1 - 14.4	Male	10.5	9.5 - 11.5
Race/Ethnicity			Race/Ethnicity			Race/Ethnicity		
White	73.5	72.2 - 74.8	White	5.4	4.6 - 6.4	White	5.2	4.6 - 5.8
Black	40.0	38.0 - 42.1	Black	18.1	16.4 - 20.1	Black	14.3	13.1 - 15.7
Hispanic	52.8	49.6 - 56.0	Hispanic	19.1	16.7 - 21.7	Hispanic	14.3	12.3 - 16.7
Other/Multiple	63.1	58.6 - 67.4	Other/Multiple	9.7	7.5 - 12.4	Other/Multiple	11.4	9.3 - 14.0
Grade			Grade			Grade		
9th	59.6	57.1 - 62.0	9th	10.5	8.5 - 12.9	9th	9.8	8.6 - 11.1
10th	59.7	57.1 - 62.3	10th	9.9	8.2 - 11.9	10th	9.9	8.3 - 11.7
11th	59.2	56.2 - 62.3	11th	11.6	9.6 - 14.1	11th	9.4	7.9 - 11.1
12th	59.6	56.3 - 62.8	12th	12.2	10.3 - 14.4	12th	7.8	6.5 - 9.3
Total	59.4	58.2 - 60.6	Total	11.1	10.1 - 12.1	Total	9.4	8.7 - 10.1

Other Health Behaviors

Had been stopped, questioned, or searched by police				Described encounters with police as negative or mostly negative			
Category	%	CI		Category	%	CI	
Gender				Gender			
Female	17.2	16.1	18.4	Female	24.3	21.8	27.0
Male	29.7	28.2	31.2	Male	27.6	25.8	29.5
Race/Ethnicity				Race/Ethnicity			
White	21.5	20.3	22.8	White	20.4	18.7	22.2
Black	26.2	24.3	28.3	Black	34.6	30.8	38.5
Hispanic	24.7	21.8	27.8	Hispanic	30.3	26.4	34.4
Other/Multiple	24.6	20.6	29.2	Other/Multiple	28.5	22.2	35.6
Grade				Grade			
9th	21.0	18.2	24.0	9th	24.8	22.4	27.4
10th	20.3	18.7	22.0	10th	23.8	21.2	26.6
11th	25.1	22.7	27.7	11th	26.2	23.1	29.5
12th	29.0	26.7	31.5	12th	29.7	25.9	33.7
Total	23.5	22.5	24.6	Total	26.2	24.5	28.0

Contact Information

Prepared by:

Prevention Research Center for Healthy Neighborhoods
Case Western Reserve University
10900 Euclid Avenue
Cleveland, Ohio 44106-7069
www.prchn.org

For more information, please contact:

Erika S. Trapl, PhD
Assistant Professor, Department of Population & Quantitative Health Sciences
Associate Director, Prevention Research Center for Healthy Neighborhoods
Case Western Reserve University
Erika.trapl@case.edu
216-368-0098

Jean L. Frank, MPH
Manager of School-based Surveillance and Evaluation
Prevention Research Center for Healthy Neighborhoods
Case Western Reserve University
Jean.frank@case.edu
216-368-5913

Audrey S. Kinsella, MPH
Data Coordinator
Prevention Research Center for Healthy Neighborhoods
Case Western Reserve University
Audrey.kinsella@case.edu
216-368-5746

Briana McIntosh, MPH, CPH
YRBS School-based Surveillance Field Coordinator
Prevention Research Center for Healthy Neighborhoods
Case Western Reserve University
Briana.Mcintosh@case.edu
216-368-6571

Marisa Hollinshead, BS
Graduate Assistant
Prevention Research Center for Healthy Neighborhoods
Case Western Reserve University
Marisa.Hollinshead@case.edu

Funding

This work is a product of a Health Promotion and Disease Prevention Research Center supported by Cooperative Agreement Number 1U48DP005030 from the Centers for Disease Control and Prevention and funded either in whole or in part by Cooperative Agreement #U87PS004165-02 from the U.S. Centers for Disease Control and Prevention, Division of Adolescent School Health (CDC-DASH). The findings and conclusions in this report are those of the author(s) and do not necessarily represent the official position of the Centers for Disease Control and Prevention.

CWRU IRB Protocol #2012-274.

