



Prevention Research Center for Healthy Neighborhoods
at Case Western Reserve University

2018 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 Fall of 2018, the PRCHN conducted the YRBS among 7th and 8th grade students in Cuyahoga County middle schools. A more detailed description of the methodology is available at our website, http://prchn.org/yrbs_home.aspx.

Demographic Prevalence

This brief report presents results from the 2018 Cuyahoga County Middle 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](#)
- [Other Drug Use](#)
- [Sexual Behavior](#)
- [Obesity and Weight Control](#)
- [Dietary Behavior](#)
- [Physical Activity](#)
- [Positive Youth Development](#)
- [Preventive Health](#)
- [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.

Behaviors that Contribute to Unintentional Injuries

Rarely or never wore a bike helmet		
Category	%	CI
Gender		
Female	68.7	66.6 - 70.8
Male	72.3	69.9 - 74.6
Race/Ethnicity		
White	60.0	57.7 - 62.4
Black	87.5	85.6 - 89.1
Hispanic	87.5	85.2 - 89.5
Other/Multiple	66.7	63.1 - 70.1
Grade		
7th	66.8	63.7 - 69.7
8th	74.4	71.3 - 77.2
Total	70.6	68.8 - 72.4

Rarely or never wore a seatbelt		
Category	%	CI
Gender		
Female	6.0	5.3 - 6.7
Male	8.3	7.4 - 9.3
Race/Ethnicity		
White	3.4	2.8 - 4.2
Black	11.8	10.6 - 13.0
Hispanic	14.8	11.9 - 18.3
Other/Multiple	9.9	7.9 - 12.2
Grade		
7th	6.7	5.8 - 7.6
8th	7.3	6.3 - 8.4
Total	7.2	6.6 - 7.8

Violence

Carried a weapon		
Category	%	CI
Gender		
Female	6.3	5.6 - 7.1
Male	14.1	12.8 - 15.4
Race/Ethnicity		
White	9.9	8.7 - 11.3
Black	9.6	8.6 - 10.7
Hispanic	18.2	15.3 - 21.6
Other/Multiple	13.1	10.7 - 15.8
Grade		
7th	10.4	9.4 - 11.5
8th	10.0	8.7 - 11.3
Total	10.5	9.7 - 11.3

Carried a weapon on school property		
Category	%	CI
Gender		
Female	1.1	0.9 - 1.5
Male	2.0	1.6 - 2.4
Race/Ethnicity		
White	0.9	0.6 - 1.3
Black	1.9	1.6 - 2.4
Hispanic	5.9	3.7 - 9.4
Other/Multiple	3.3	2.0 - 5.4
Grade		
7th	1.2	1.0 - 1.5
8th	1.5	1.2 - 1.9
Total	1.6	1.4 - 2.0

Did not go to school because of safety concerns		
Category	%	CI
Gender		
Female	12.2	11.1 - 13.3
Male	8.3	7.5 - 9.1
Race/Ethnicity		
White	8.0	7.1 - 8.9
Black	13.0	12.0 - 14.1
Hispanic	14.0	11.7 - 16.5
Other/Multiple	11.1	9.2 - 13.4
Grade		
7th	10.1	9.2 - 11.2
8th	9.9	9.0 - 10.9
Total	10.2	9.6 - 10.9

In a physical fight		
Category	%	CI
Gender		
Female	30.5	29.0 - 32.1
Male	46.0	44.3 - 47.7
Race/Ethnicity		
White	29.5	27.9 - 31.2
Black	52.9	51.3 - 54.6
Hispanic	45.0	41.6 - 48.4
Other/Multiple	41.1	37.5 - 44.7
Grade		
7th	40.3	38.4 - 42.1
8th	36.6	34.6 - 38.6
Total	38.6	37.5 - 39.8

In a physical fight on school property			
Category	%	CI	
Gender			
Female	12.5	11.5	- 13.6
Male	25.2	23.9	- 26.5
Race/Ethnicity			
White	11.5	10.4	- 12.6
Black	31.2	29.7	- 32.9
Hispanic	25.0	22.1	- 28.1
Other/Multiple	19.1	16.6	- 21.8
Grade			
7th	20.7	19.1	- 22.4
8th	17.2	15.8	- 18.7
Total	19.2	18.3	- 20.1

Bullied off school property			
Category	%	CI	
Gender			
Female	20.9	19.4	- 22.6
Male	13.3	12.2	- 14.4
Race/Ethnicity			
White	20.6	19.0	- 22.3
Black	11.4	10.3	- 12.6
Hispanic	16.3	14.0	- 18.9
Other/Multiple	18.4	15.6	- 21.4
Grade			
7th	16.5	15.4	- 17.6
8th	17.3	15.5	- 19.4
Total	17.0	16.0	- 18.1

Bullied on school property		
Category	%	CI
Gender		
Female	35.0	33.3 - 36.8
Male	23.8	22.3 - 25.2
Race/Ethnicity		
White	33.2	31.5 - 35.0
Black	22.6	21.1 - 24.1
Hispanic	28.3	25.5 - 31.3
Other/Multiple	30.4	27.4 - 33.6
Grade		
7th	30.5	28.8 - 32.2
8th	27.7	25.9 - 29.5
Total	29.2	28.1 - 30.3

Bullied someone on school property		
Category	%	CI
Gender		
Female	10.9	9.9 - 12.0
Male	10.5	9.5 - 11.5
Race/Ethnicity		
White	8.7	7.9 - 9.7
Black	12.9	11.7 - 14.1
Hispanic	16.0	13.1 - 19.4
Other/Multiple	13.4	10.8 - 16.6
Grade		
7th	9.8	8.9 - 10.8
8th	11.0	10.1 - 11.9
Total	10.7	10.1 - 11.3

Electronically bullied			
Category	%	CI	
Gender			
Female	20.6	19.1	- 22.1
Male	12.8	11.7	- 13.9
Race/Ethnicity			
White	19.0	17.3	- 20.9
Black	12.6	11.6	- 13.6
Hispanic	17.2	14.8	- 19.8
Other/Multiple	18.0	15.6	- 20.8
Grade			
7th	15.5	14.4	- 16.6
8th	17.3	15.7	- 19.1
Total	16.5	15.5	- 17.7

Electronically bullied someone			
Category	%	CI	
Gender			
Female	6.8	6.1	- 7.6
Male	7.4	6.4	- 8.4
Race/Ethnicity			
White	5.9	5.0	- 7.0
Black	8.2	7.4	- 9.1
Hispanic	11.3	8.9	- 14.3
Other/Multiple	10.2	8.2	- 12.4
Grade			
7th	6.1	5.4	- 6.9
8th	7.6	6.6	- 8.6
Total	7.1	6.5	- 7.8

Depressive Symptoms

Purposely hurt self without wanting to die			
Category	%	CI	
Gender			
Female	26.3	24.8	- 27.9
Male	14.2	13.1	- 15.5
Race/Ethnicity			
White	18.1	16.8	- 19.4
Black	21.5	20.1	- 23.0
Hispanic	27.5	24.4	- 30.8
Other/Multiple	25.4	22.3	- 28.6
Grade			
7th	19.1	17.8	- 20.6
8th	20.6	19.4	- 21.8
Total	20.1	19.2	- 21.0

Felt sad or hopeless			
Category	%	CI	
Gender			
Female	36.8	35.2	- 38.6
Male	20.3	19.2	- 21.6
Race/Ethnicity			
White	26.1	24.5	- 27.8
Black	29.4	27.9	- 31.0
Hispanic	38.2	35.2	- 41.3
Other/Multiple	32.1	29.2	- 35.1
Grade			
7th	26.3	25.0	- 27.7
8th	29.9	28.1	- 31.8
Total	28.3	27.2	- 29.4

Seriously considered attempting suicide			
Category	%	CI	
Gender			
Female	19.3	18.0	- 20.7
Male	9.4	8.3	- 10.6
Race/Ethnicity			
White	11.6	10.4	- 12.9
Black	16.8	15.5	- 18.3
Hispanic	20.6	17.8	- 23.7
Other/Multiple	19.8	17.3	- 22.5
Grade			
7th	12.5	11.5	- 13.5
8th	15.6	14.2	- 17.1
Total	14.2	13.4	- 15.1

Made a suicide plan			
Category	%	CI	
Gender			
Female	15.8	14.7	- 17.1
Male	7.9	7.1	- 8.8
Race/Ethnicity			
White	8.9	7.9	- 10.1
Black	14.7	13.6	- 16.0
Hispanic	16.4	13.6	- 19.5
Other/Multiple	18.5	15.9	- 21.4
Grade			
7th	9.9	8.9	- 10.8
8th	13.2	12.1	- 14.4
Total	11.8	8.9	- 12.5

Attempted suicide		
Category	%	CI
Gender		
Female	10.9	9.9 - 12.1
Male	6.4	5.6 - 7.2
Race/Ethnicity		
White	4.7	4.0 - 5.5
Black	12.8	11.6 - 14.1
Hispanic	18.5	15.6 - 21.8
Other/Multiple	14.0	11.6 - 16.8
Grade		
7th	7.6	6.8 - 8.5
8th	9.1	8.0 - 10.3
Total	8.7	8.0 - 9.3

Knew someone who completed suicide		
Category	%	CI
Gender		
Female	34.4	32.7 - 36.1
Male	25.0	23.4 - 26.6
Race/Ethnicity		
White	27.3	25.3 - 29.4
Black	31.8	30.4 - 33.2
Hispanic	37.5	34.4 - 40.7
Other/Multiple	31.5	28.6 - 34.6
Grade		
7th	27.5	25.9 - 29.3
8th	31.0	29.1 - 32.8
Total	29.5	28.2 - 30.7

Tobacco and Electronic Vapor Use

Ever smoked cigarettes			
Category	%	CI	
Gender			
Female	8.8	7.9	- 9.7
Male	7.9	7.1	- 8.8
Race/Ethnicity			
White	6.5	5.7	- 7.3
Black	10.0	9.0	- 11.1
Hispanic	15.4	12.7	- 18.6
Other/Multiple	11.8	9.4	- 14.8
Grade			
7th	6.7	5.9	- 7.7
8th	9.5	8.4	- 10.6
Total	8.4	7.8	- 9.0

Current cigarette use			
Category	%	CI	
Gender			
Female	2.4	2.0	- 2.9
Male	2.5	2.0	- 3.0
Race/Ethnicity			
White	2.2	1.8	- 2.7
Black	2.0	1.6	- 2.4
Hispanic	7.3	5.0	- 10.7
Other/Multiple	4.4	2.9	- 6.6
Grade			
7th	2.0	1.6	- 2.4
8th	2.5	2.0	- 3.1
Total	2.5	2.2	- 2.9

Used first tobacco product before age 11 years		
Category	%	CI
Gender		
Female	3.7	3.2 - 4.3
Male	5.9	4.4 - 5.8
Race/Ethnicity		
White	2.6	2.1 - 3.2
Black	6.4	5.3 - 8.8
Hispanic	9.7	7.2 - 13.0
Other/Multiple	8.2	5.2 - 10.7
Grade		
7th	3.9	3.3 - 4.6
8th	4.8	3.8 - 5.6
Total	4.7	4.0 - 4.8

Current hookah use		
Category	%	CI
Gender		
Female	2.5	2.1 - 3.1
Male	2.2	1.8 - 2.6
Race/Ethnicity		
White	1.2	0.9 - 1.5
Black	2.8	2.3 - 3.4
Hispanic	9.4	7.0 - 12.7
Other/Multiple	5.9	4.1 - 8.3
Grade		
7th	1.7	1.3 - 2.1
8th	2.6	2.1 - 3.1
Total	2.4	2.1 - 2.8

Current electronic vapor product use			
Category	%	CI	
Gender			
Female	9.5	8.6	10.5
Male	10.4	9.3	11.7
Race/Ethnicity			
White	10.9	9.7	12.2
Black	7.1	6.2	8.1
Hispanic	18.8	15.9	22.0
Other/Multiple	12.6	10.3	15.3
Grade			
7th	6.8	5.9	7.7
8th	12.8	11.7	14.0
Total	10.1	9.3	10.9

Alcohol Use

Ever used alcohol		
Category	%	CI
Gender		
Female	21.7	20.3 - 23.3
Male	20.0	18.5 - 21.6
Race/Ethnicity		
White	16.2	14.6 - 17.9
Black	26.6	25.1 - 28.2
Hispanic	35.5	32.0 - 39.2
Other/Multiple	24.2	21.0 - 27.7
Grade		
7th	16.6	15.1 - 18.2
8th	24.7	23.2 - 26.4
Total	20.9	19.8 - 22.0

Drank alcohol before age 11 years		
Category	%	CI
Gender		
Female	7.2	6.4 - 8.2
Male	8.7	7.8 - 9.7
Race/Ethnicity		
White	5.5	4.7 - 6.4
Black	11.0	9.9 - 12.2
Hispanic	15.9	13.0 - 19.3
Other/Multiple	10.2	8.0 - 12.8
Grade		
7th	7.9	7.0 - 8.8
8th	7.7	6.8 - 8.7
Total	8.0	7.4 - 8.7

Current alcohol use		
Category	%	CI
Gender		
Female	8.9	7.9 - 9.9
Male	6.7	5.9 - 7.6
Race/Ethnicity		
White	6.6	5.6 - 7.7
Black	8.3	7.5 - 9.2
Hispanic	15.8	13.0 - 19.1
Other/Multiple	10.5	8.2 - 13.2
Grade		
7th	5.7	5.0 - 6.5
8th	9.4	8.4 - 10.4
Total	7.8	7.1 - 8.5

Other Drug Use

Ever used marijuana		
Category	%	CI
Gender		
Female	9.3	8.4 - 10.3
Male	9.6	8.7 - 10.7
Race/Ethnicity		
White	5.9	5.1 - 6.8
Black	13.9	12.7 - 15.3
Hispanic	19.0	15.9 - 22.4
Other/Multiple	13.0	10.8 - 15.6
Grade		
7th	6.3	5.4 - 7.3
8th	12.2	10.9 - 13.6
Total	9.5	8.9 - 10.3

Tried marijuana before age 11 years		
Category	%	CI
Gender		
Female	1.2	0.9 - 1.5
Male	2.6	2.2 - 3.1
Race/Ethnicity		
White	0.8	0.6 - 1.1
Black	2.6	2.2 - 3.3
Hispanic	7.6	5.1 - 11.0
Other/Multiple	4.7	3.2 - 6.9
Grade		
7th	1.6	1.3 - 2.1
8th	1.8	1.4 - 2.2
Total	2.0	1.7 - 3.1

Current marijuana use		
Category	%	CI
Gender		
Female	5.8	5.1 - 6.6
Male	5.8	5.1 - 6.5
Race/Ethnicity		
White	3.6	3.1 - 4.3
Black	8.2	7.3 - 9.3
Hispanic	12.6	9.9 - 15.8
Other/Multiple	8.6	6.6 - 11.1
Grade		
7th	3.6	3.0 - 4.3
8th	7.6	6.6 - 8.6
Total	5.8	5.3 - 6.4

Ever used inhalants		
Category	%	CI
Gender		
Female	6.3	5.7 - 7.1
Male	5.4	4.6 - 6.3
Race/Ethnicity		
White	4.6	3.8 - 5.5
Black	6.9	6.1 - 7.7
Hispanic	10.9	8.3 - 14.2
Other/Multiple	8.5	6.7 - 10.7
Grade		
7th	5.3	4.6 - 6.0
8th	6.0	5.1 - 7.0
Total	5.9	5.4 - 6.5

Taken prescription pain medicine without a doctor's prescription or differently than how a doctor prescribed		
Category	%	CI
Gender		
Female	5.8	4.9 - 6.7
Male	5.3	4.6 - 6.2
Race/Ethnicity		
White	3.9	3.2 - 4.7
Black	7.0	6.1 - 8.0
Hispanic	11.6	9.1 - 14.8
Other/Multiple	9.3	7.1 - 12.1
Grade		
7th	4.9	4.2 - 5.7
8th	5.7	4.9 - 6.7
Total	5.6	5.1 - 6.2

Ever taken prescription drug other than pain medicine without a doctor's prescription or differently than how a doctor prescribed		
Category	%	CI
Gender		
Female	5.0	4.2 - 5.9
Male	4.4	3.8 - 5.1
Race/Ethnicity		
White	3.4	2.7 - 4.3
Black	5.3	4.4 - 6.2
Hispanic	11.6	9.0 - 14.9
Other/Multiple	9.4	7.2 - 12.1
Grade		
7th	3.6	3.1 - 4.3
8th	5.2	4.3 - 6.2
Total	4.7	4.2 - 5.3

Used an illicit drug		
Category	%	CI
Gender		
Female	0.5	0.4 - 0.8
Male	0.9	0.6 - 1.2
Race/Ethnicity		
White	0.6	0.4 - 0.9
Black	0.7	0.5 - 1.1
Hispanic	1.6	1.0 - 2.5
Other/Multiple	0.7	0.3 - 1.4
Grade		
7th	0.7	0.5 - 0.9
8th	0.7	0.5 - 1.0
Total	0.7	0.6 - 0.9

Offered, sold, or given illegal drugs on school property		
Category	%	CI
Gender		
Female	6.4	5.4 - 7.5
Male	7.0	6.1 - 8.1
Race/Ethnicity		
White	6.8	5.6 - 8.2
Black	5.8	5.0 - 6.6
Hispanic	11.5	9.0 - 14.6
Other/Multiple	10.0	7.8 - 12.8
Grade		
7th	4.7	4.0 - 5.5
8th	8.4	7.1 - 9.8
Total	6.8	6.0 - 7.7

Sexual Behavior

Ever had sexual intercourse		
Category	%	CI
Gender		
Female	4.3	3.7 - 5.0
Male	13.4	12.2 - 14.7
Race/Ethnicity		
White	4.2	3.5 - 5.1
Black	16.0	14.7 - 17.4
Hispanic	18.1	15.0 - 21.6
Other/Multiple	10.7	8.7 - 13.1
Grade		
7th	6.5	5.6 - 7.6
8th	10.9	9.7 - 12.2
Total	9.0	8.4 - 9.7

Currently sexually active		
Category	%	CI
Gender		
Female	2.5	2.1 - 3.1
Male	7.7	6.7 - 8.7
Race/Ethnicity		
White	2.8	2.3 - 3.5
Black	8.2	7.2 - 9.3
Hispanic	11.3	8.5 - 14.8
Other/Multiple	7.4	5.6 - 9.7
Grade		
7th	3.7	3.0 - 4.4
8th	6.2	5.3 - 7.2
Total	5.2	4.7 - 5.8

Had sexual intercourse with 4 or more people		
Category	%	CI
Gender		
Female	0.8	0.5 - 1.2
Male	3.8	3.1 - 4.6
Race/Ethnicity		
White	1.2	0.7 - 1.8
Black	3.6	2.9 - 4.4
Hispanic	6.8	4.4 - 10.4
Other/Multiple	3.7	2.4 - 5.9
Grade		
7th	1.5	1.1 - 2.0
8th	2.7	2.1 - 3.4
Total	2.4	2.0 - 2.8

Used a condom during last sexual intercourse		
Category	%	CI
Gender		
Female	51.4	41.2 - 61.6
Male	63.1	57.4 - 68.4
Race/Ethnicity		
White	59.3	49.1 - 68.7
Black	66.0	60.3 - 71.3
Hispanic	42.7	30.2 - 56.3
Other/Multiple	41.8	29.4 - 55.3
Grade		
7th	61.4	53.5 - 68.7
8th	64.1	57.8 - 70.1
Total	59.9	55.0 - 64.6

Ever taught in school about AIDS or HIV infection			
Category	%	CI	
Gender			
Female	39.3	36.6	- 42.0
Male	44.2	41.6	- 46.9
Race/Ethnicity			
White	36.1	32.6	- 39.8
Black	54.3	51.9	- 56.7
Hispanic	33.8	30.3	- 37.4
Other/Multiple	36.4	32.8	- 40.2
Grade			
7th	30.6	28.6	- 32.7
8th	52.8	49.5	- 56.2
Total	41.8	39.5	- 44.2

Obesity and Weight Control

Obese			
Category	%	CI	
Gender			
Female	12.0	10.9	13.1
Male	14.7	13.5	16.0
Race/Ethnicity			
White	10.0	9.0	11.2
Black	19.2	17.7	20.7
Hispanic	16.9	14.5	19.6
Other/Multiple	12.6	10.3	15.3
Grade			
7th	13.1	11.8	14.6
8th	13.8	12.6	15.1
Total	13.5	12.6	14.3

Overweight			
Category	%	CI	
Gender			
Female	15.6	14.1	17.3
Male	16.6	15.2	18.0
Race/Ethnicity			
White	13.7	12.2	15.3
Black	20.0	18.4	21.6
Hispanic	19.1	16.5	21.9
Other/Multiple	15.6	13.4	18.1
Grade			
7th	15.8	14.3	17.5
8th	16.4	14.8	18.0
Total	16.1	13.4	17.3

Describes self as slightly or very overweight		
Category	%	CI
Gender		
Female	28.7	27.2 - 30.4
Male	23.7	22.2 - 25.3
Race/Ethnicity		
White	27.6	25.9 - 29.4
Black	22.6	21.1 - 24.2
Hispanic	28.9	25.7 - 32.3
Other/Multiple	27.3	24.6 - 30.2
Grade		
7th	24.2	22.8 - 25.6
8th	27.8	26.1 - 29.4
Total	26.1	25.0 - 27.2

Trying to lose weight		
Category	%	CI
Gender		
Female	48.4	46.7 - 50.2
Male	33.7	32.0 - 35.4
Race/Ethnicity		
White	39.9	37.9 - 42.0
Black	41.1	39.4 - 42.7
Hispanic	43.5	40.4 - 46.7
Other/Multiple	42.5	39.1 - 46.0
Grade		
7th	39.3	37.5 - 41.1
8th	42.2	40.4 - 44.1
Total	40.7	39.3 - 42.0

Dietary Behavior

Ate fruits two or more time			
Category	%	CI	
Gender			
Female	49.7	47.9	51.5
Male	54.1	52.5	55.7
Race/Ethnicity			
White	55.6	53.8	57.4
Black	46.3	44.4	48.2
Hispanic	46.0	42.7	49.3
Other/Multiple	55.0	51.4	58.6
Grade			
7th	54.2	52.4	56.0
8th	49.9	47.9	51.9
Total	52.0	50.7	53.2

Ate vegetables two or more times			
Category	%	CI	
Gender			
Female	39.2	37.5	41.0
Male	39.7	37.9	41.6
Race/Ethnicity			
White	42.0	40.4	43.7
Black	35.2	33.0	37.5
Hispanic	30.9	28.0	34.0
Other/Multiple	46.8	42.9	50.8
Grade			
7th	40.5	38.3	42.7
8th	38.6	36.8	40.5
Total	39.4	38.1	40.8

Drank a can, bottle, or glass of soda or pop		
Category	%	CI
Gender		
Female	44.1	42.3 - 45.8
Male	50.9	49.3 - 52.5
Race/Ethnicity		
White	38.3	36.3 - 40.3
Black	61.5	59.5 - 63.5
Hispanic	61.4	58.2 - 64.6
Other/Multiple	42.7	38.8 - 46.6
Grade		
7th	47.2	44.7 - 49.8
8th	47.7	45.4 - 49.9
Total	47.6	46.2 - 49.0

Drank water at school on average every day		
Category	%	CI
Gender		
Female	53.3	51.5 - 55.1
Male	56.3	54.7 - 58.0
Race/Ethnicity		
White	60.0	58.2 - 61.8
Black	48.5	46.6 - 50.4
Hispanic	47.3	43.9 - 50.7
Other/Multiple	52.0	48.5 - 55.6
Grade		
7th	55.2	53.1 - 57.3
8th	54.8	52.5 - 57.2
Total	54.9	53.6 - 56.1

Did not eat breakfast every day		
Category	%	CI
Gender		
Female	66.8	64.9 - 68.6
Male	56.0	54.3 - 57.6
Race/Ethnicity		
White	57.4	55.3 - 59.3
Black	67.3	65.4 - 69.1
Hispanic	65.1	62.1 - 68.1
Other/Multiple	60.5	57.1 - 63.8
Grade		
7th	56.7	54.9 - 58.6
8th	65.5	63.5 - 67.4
Total	61.2	59.8 - 62.5

Ate fast food on one or more days		
Category	%	CI
Gender		
Female	69.2	67.7 - 70.5
Male	71.8	69.8 - 73.6
Race/Ethnicity		
White	66.7	65.0 - 68.4
Black	76.1	74.7 - 77.6
Hispanic	77.4	74.7 - 80.0
Other/Multiple	66.2	62.8 - 69.6
Grade		
7th	70.7	69.0 - 72.3
8th	70.1	68.1 - 72.1
Total	70.5	69.3 - 71.7

Went hungry because not enough food in the home			
Category	%	CI	
Gender			
Female	16.1	14.8	- 17.4
Male	16.1	14.8	- 17.6
Race/Ethnicity			
White	13.3	12.0	- 14.7
Black	18.8	17.1	- 20.6
Hispanic	24.7	21.5	- 28.3
Other/Multiple	19.6	17.1	- 22.3
Grade			
7th	16.0	14.4	- 17.7
8th	15.9	14.7	- 17.1
Total	16.2	15.2	- 17.2

Physical Activity

Participated in 60 or more minutes of physical activity on 5 or more days			
Category	%	CI	
Gender			
Female	39.4	37.7	- 41.1
Male	52.5	50.8	- 54.2
Race/Ethnicity			
White	52.5	50.6	- 54.3
Black	38.0	36.3	- 39.7
Hispanic	36.9	33.9	- 39.9
Other/Multiple	41.8	38.0	- 45.8
Grade			
7th	47.0	44.7	- 49.4
8th	45.5	43.5	- 47.5
Total	46.2	44.9	- 47.4

Did not participate in 60 or more minutes of physical activity on any day			
Category	%	CI	
Gender			
Female	16.1	14.8	- 17.5
Male	14.0	13.0	- 15.1
Race/Ethnicity			
White	10.1	8.9	- 11.4
Black	21.8	20.4	- 23.2
Hispanic	24.2	21.3	- 27.4
Other/Multiple	16.0	13.6	- 18.6
Grade			
7th	15.1	13.6	- 16.8
8th	14.7	13.4	- 16.1
Total	15.1	14.3	- 16.0

Watched television 3 or more hours per day			
Category	%	CI	
Gender			
Female	25.5	24.1	- 27.0
Male	25.8	24.2	- 27.5
Race/Ethnicity			
White	16.4	15.1	- 17.8
Black	40.4	38.8	- 42.0
Hispanic	31.7	28.6	- 35.1
Other/Multiple	27.3	23.9	- 31.0
Grade			
7th	26.6	24.8	- 28.6
8th	24.4	22.6	- 26.2
Total	25.7	24.6	- 26.8

Played video game or computer game or used a computer 3 or more hours per day			
Category	%	CI	
Gender			
Female	47.3	45.6	- 49.0
Male	55.3	53.5	- 57.1
Race/Ethnicity			
White	44.8	43.1	- 46.5
Black	61.7	59.9	- 63.6
Hispanic	59.2	56.0	- 62.3
Other/Multiple	51.5	47.4	- 55.6
Grade			
7th	49.1	47.1	- 51.1
8th	53.6	51.5	- 55.7
Total	51.5	50.2	- 52.7

Played on one or more sports teams		
Category	%	CI
Gender		
Female	65.4	63.5 - 67.2
Male	72.4	70.9 - 73.8
Race/Ethnicity		
White	73.2	71.4 - 75.0
Black	65.0	63.4 - 66.6
Hispanic	58.2	54.7 - 61.6
Other/Multiple	64.6	61.4 - 67.7
Grade		
7th	69.4	67.0 - 71.7
8th	68.8	66.8 - 70.7
Total	68.9	67.7 - 70.2

Walked or rode bike to or from school 3 or more days		
Category	%	CI
Gender		
Female	25.1	23.8 - 26.4
Male	28.2	26.6 - 30.0
Race/Ethnicity		
White	25.3	23.8 - 26.9
Black	29.6	27.9 - 31.2
Hispanic	27.8	24.9 - 30.8
Other/Multiple	23.1	20.5 - 25.8
Grade		
7th	23.9	21.8 - 26.2
8th	29.7	27.4 - 32.1
Total	26.7	25.6 - 27.8

Positive Youth Development

Spent at least one day in clubs or organizations outside of school			
Category	%	CI	
Gender			
Female	57.6	55.8	- 59.3
Male	50.3	48.6	- 52.0
Race/Ethnicity			
White	56.5	54.5	- 58.4
Black	51.8	50.1	- 53.4
Hispanic	39.2	36.0	- 42.6
Other/Multiple	56.2	52.4	- 59.9
Grade			
7th	54.4	52.3	- 56.6
8th	53.4	51.0	- 55.7
Total	53.8	52.5	- 55.1

Spent at least 1 hour helping other people without getting paid to make one's community a better place for people to live			
Category	%	CI	
Gender			
Female	41.2	39.5	- 42.9
Male	40.3	38.6	- 42.0
Race/Ethnicity			
White	41.0	39.1	- 42.9
Black	41.0	39.1	- 42.9
Hispanic	37.4	34.4	- 40.5
Other/Multiple	39.6	36.6	- 42.8
Grade			
7th	40.4	38.7	- 42.2
8th	41.1	39.3	- 42.9
Total	40.7	39.5	- 42.0

Parents talk with student about school almost every day			
Category	%	CI	
Gender			
Female	59.6	57.7	- 61.4
Male	58.3	56.7	- 60.0
Race/Ethnicity			
White	61.4	59.5	- 63.2
Black	56.7	54.6	- 58.8
Hispanic	51.6	48.6	- 54.6
Other/Multiple	53.1	49.8	- 56.3
Grade			
7th	61.0	59.2	- 62.8
8th	57.2	55.3	- 59.2
Total	58.9	57.6	- 60.2

Students help decide what goes on in school			
Category	%	CI	
Gender			
Female	37.9	36.3	- 39.5
Male	38.7	37.1	- 40.2
Race/Ethnicity			
White	38.1	36.4	- 39.7
Black	38.5	36.8	- 40.4
Hispanic	39.4	36.5	- 42.3
Other/Multiple	40.2	36.8	- 43.6
Grade			
7th	38.2	36.7	- 39.7
8th	38.5	36.8	- 40.3
Total	38.2	37.1	- 39.3

Students feel like they matter to people in their community			
Category	%	CI	
Gender			
Female	45.7	43.9	- 47.6
Male	53.2	51.4	- 55.0
Race/Ethnicity			
White	51.6	49.6	- 53.5
Black	47.5	45.7	- 49.3
Hispanic	44.8	41.7	- 48.0
Other/Multiple	46.4	42.9	- 49.9
Grade			
7th	51.7	49.9	- 53.6
8th	47.4	45.5	- 49.3
Total	49.5	48.3	- 50.8

Obtained eight or more hours of sleep			
Category	%	CI	
Gender			
Female	43.3	41.2	- 45.3
Male	49.7	48.0	- 51.4
Race/Ethnicity			
White	50.0	47.9	- 52.1
Black	41.2	39.1	- 43.3
Hispanic	42.2	39.2	- 45.3
Other/Multiple	45.0	41.6	- 48.4
Grade			
7th	53.0	51.1	- 55.0
8th	40.5	38.7	- 42.3
Total	46.5	45.0	- 48.0

Supportive adult			
Category	%	CI	
Gender			
Female	83.1	81.8	- 84.3
Male	83.4	81.9	- 84.7
Race/Ethnicity			
White	84.7	83.5	- 85.8
Black	82.7	81.3	- 84.1
Hispanic	75.7	71.9	- 79.1
Other/Multiple	79.2	76.0	- 82.0
Grade			
7th	83.9	82.6	- 85.1
8th	82.8	81.5	- 84.1
Total	83.2	82.3	- 84.1

Described their grades in school as mostly A's and B's			
Category	%	CI	
Gender			
Female	79.9	78.4	- 81.3
Male	71.3	69.3	- 73.2
Race/Ethnicity			
White	83.2	81.5	- 84.8
Black	64.0	61.8	- 66.0
Hispanic	59.6	55.7	- 63.4
Other/Multiple	78.6	75.5	- 81.3
Grade			
7th	76.5	74.1	- 78.8
8th	74.7	72.3	- 77.0
Total	75.4	74.0	- 76.7

Preventive Health

Saw a doctor or nurse for check-up			
Category	%	CI	
Gender			
Female	72.0	70.3	- 73.6
Male	68.7	67.2	- 70.2
Race/Ethnicity			
White	77.1	75.3	- 78.8
Black	61.2	59.4	- 62.9
Hispanic	57.2	53.4	- 60.8
Other/Multiple	69.2	65.8	- 72.4
Grade			
7th	70.8	68.6	- 72.9
8th	70.2	68.3	- 72.0
Total	70.2	69.0	- 71.4

Saw a doctor, nurse, therapist, social worker, or counselor for a mental health issue			
Category	%	CI	
Gender			
Female	25.5	24.2	- 26.8
Male	18.1	16.8	- 19.5
Race/Ethnicity			
White	21.3	19.7	- 22.9
Black	22.6	21.2	- 24.0
Hispanic	24.2	21.6	- 27.1
Other/Multiple	21.2	18.6	- 24.0
Grade			
7th	21.6	20.0	- 23.2
8th	22.0	20.6	- 23.4
Total	21.8	20.8	- 22.9

Received appropriate help when student felt sad, empty, hopeless, angry or anxious			
Category	%	CI	
Gender			
Female	49.2	47.0	- 51.4
Male	48.5	46.4	- 50.7
Race/Ethnicity			
White	50.5	48.1	- 52.8
Black	47.1	44.8	- 49.5
Hispanic	45.5	41.4	- 49.6
Other/Multiple	46.5	42.6	- 50.6
Grade			
7th	51.4	49.1	- 53.6
8th	46.8	44.9	- 48.6
Total	48.8	47.4	- 50.2

Other Health Behaviors

Lives with two parents (biological or step)			
Category	%	CI	
Gender			
Female	64.9	63.4	- 66.4
Male	67.0	65.2	- 68.8
Race/Ethnicity			
White	78.8	77.3	- 80.1
Black	44.8	42.7	- 46.8
Hispanic	58.3	55.1	- 61.4
Other/Multiple	67.3	64.0	- 70.4
Grade			
7th	67.7	65.2	- 70.1
8th	64.6	62.3	- 66.8
Total	65.9	64.7	- 67.2

Does not usually sleep in parent or guardian's home (homelessness)			
Category	%	CI	
Gender			
Female	2.5	2.1	- 3.0
Male	4.5	3.8	- 5.2
Race/Ethnicity			
White	1.6	1.2	- 2.2
Black	5.7	4.9	- 6.6
Hispanic	9.6	6.7	- 13.4
Other/Multiple	5.7	4.1	- 7.8
Grade			
7th	3.1	2.6	- 3.7
8th	3.5	2.9	- 4.2
Total	3.6	3.2	- 3.4

Never or rarely feels safe and secure in neighborhood		
Category	%	CI
Gender		
Female	9.7	8.8 - 10.7
Male	7.5	6.6 - 8.4
Race/Ethnicity		
White	4.2	3.5 - 5.0
Black	14.6	13.4 - 15.8
Hispanic	17.2	14.2 - 20.8
Other/Multiple	9.8	7.9 - 12.0
Grade		
7th	8.1	7.2 - 9.2
8th	8.5	7.4 - 9.7
Total	8.6	8.0 - 9.2

Parent(s) or guardian(s) have been in prison or jail		
Category	%	CI
Gender		
Female	9.5	8.6 - 10.4
Male	9.2	8.3 - 10.2
Race/Ethnicity		
White	4.8	4.1 - 5.7
Black	16.0	14.9 - 17.2
Hispanic	16.3	13.1 - 20.0
Other/Multiple	11.0	8.9 - 13.5
Grade		
7th	8.6	7.5 - 9.8
8th	9.7	8.7 - 10.9
Total	9.4	8.8 - 10.1

Had been stopped, questioned, or searched by police		
Category	%	CI
Gender		
Female	10.7	9.8 - 11.7
Male	17.2	16.1 - 18.5
Race/Ethnicity		
White	9.6	8.6 - 10.6
Black	20.5	19.2 - 21.9
Hispanic	21.5	18.5 - 24.9
Other/Multiple	16.9	14.5 - 19.6
Grade		
7th	12.1	11.0 - 13.3
8th	15.6	14.4 - 16.9
Total	14.1	13.4 - 14.9

Described encounters with police as negative or mostly negative		
Category	%	CI
Gender		
Female	33.4	31.1 - 35.8
Male	32.0	29.7 - 34.5
Race/Ethnicity		
White	23.0	20.7 - 25.6
Black	43.7	41.1 - 46.4
Hispanic	54.3	49.4 - 59.0
Other/Multiple	32.8	28.6 - 37.2
Grade		
7th	32.3	29.0 - 35.8
8th	32.5	29.4 - 35.8
Total	32.8	31.1 - 34.5

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
Associate 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
Director of Adolescent Surveillance and Evaluation
Prevention Research Center for Healthy Neighborhoods
Case Western Reserve University
Jean.frank@case.edu
216-368-5913

Audrey E. Kinsella, MPH
Community and Evaluation Project Coordinator
Prevention Research Center for Healthy Neighborhoods
Case Western Reserve University
Audrey.kinsella@case.edu
216-368-5746

Catherine C. Osborn, MA
School-based Surveillance & Evaluation Coordinator
Prevention Research Center for Healthy Neighborhoods
Case Western Reserve University
Catherine.osborn@case.edu

Jude Fahoum, BA
School-based Surveillance and Evaluation Specialist
Prevention Research Center for Health Neighborhoods
Case Western Reserve University
Jude.fahoum@case.edu

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 and by Cooperative Agreement Number: NU87PS2018-004348 from the Centers for Disease Control and Prevention, and by TP1AH000093-01-00 from The Office of Adolescent Health. This work is also supported by the Cleveland Foundation, the Educational Service Center of NE Ohio, the George Gund Foundation, and the Sisters of Charity Foundation of Cleveland. 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.