



Prevention Research Center for Healthy Neighborhoods
at Case Western Reserve University

2016 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 2016, 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.apsx>.

Demographic Prevalence

This brief report presents results from the 2016 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](#)
- [School Related Food Practices](#)
- [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 seatbelt | | |
|---------------------------------|------------|------------------|
| Category | % | CI |
| Gender | | |
| Female | 5.6 | 5.1 - 6.1 |
| Male | 7.9 | 7.4 - 8.4 |
| Race/Ethnicity | | |
| White | 2.3 | 2.2 - 2.5 |
| Black | 12.1 | 11.3 - 12.9 |
| Hispanic | 13.6 | 11.6 - 16.0 |
| Other/Multiple | 9.4 | 8.4 - 10.4 |
| Grade | | |
| 7th | 6.5 | 5.9 - 7.1 |
| 8th | 6.8 | 6.2 - 7.3 |
| Total | 6.8 | 6.4 - 7.2 |

| Rarely or never wore a bike helmet | | |
|------------------------------------|-------------|--------------------|
| Category | % | CI |
| Gender | | |
| Female | 70.2 | 69.6 - 70.8 |
| Male | 74.3 | 73.6 - 74.9 |
| Race/Ethnicity | | |
| White | 60.8 | 60.3 - 61.3 |
| Black | 88.9 | 88.1 - 89.7 |
| Hispanic | 90.6 | 88.1 - 92.7 |
| Other/Multiple | 68.2 | 66.9 - 69.6 |
| Grade | | |
| 7th | 69.5 | 68.4 - 70.6 |
| 8th | 74.9 | 73.8 - 76.0 |
| Total | 72.4 | 71.9 - 72.9 |

Violence

| Carried a weapon | | |
|-----------------------|-------------|--------------------|
| Category | % | CI |
| Gender | | |
| Female | 5.7 | 5.3 - 6.1 |
| Male | 15.6 | 15.1 - 16.1 |
| Race/Ethnicity | | |
| White | 11.6 | 11.4 - 11.9 |
| Black | 8.5 | 7.8 - 9.2 |
| Hispanic | 14.2 | 11.8 - 16.9 |
| Other/Multiple | 17.2 | 16.2 - 18.3 |
| Grade | | |
| 7th | 10.5 | 10.0 - 11.0 |
| 8th | 10.6 | 10.1 - 11.0 |
| Total | 10.8 | 10.5 - 11.2 |

| Carried a weapon on school property | | |
|-------------------------------------|------------|------------------|
| Category | % | CI |
| Gender | | |
| Female | 0.8 | 0.7 - 1.0 |
| Male | 1.6 | 1.4 - 1.9 |
| Race/Ethnicity | | |
| White | 0.5 | 0.5 - 0.6 |
| Black | 1.7 | 1.4 - 2.0 |
| Hispanic | 4.3 | 3.4 - 5.3 |
| Other/Multiple | 4.1 | 3.9 - 4.4 |
| Grade | | |
| 7th | 1.0 | 0.8 - 1.2 |
| 8th | 1.1 | 0.9 - 1.3 |
| Total | 1.2 | 1.1 - 1.4 |

| In a physical fight | | |
|-----------------------|-------------|--------------------|
| Category | % | CI |
| Gender | | |
| Female | 24.9 | 24.2 - 25.7 |
| Male | 41.7 | 40.9 - 42.4 |
| Race/Ethnicity | | |
| White | 23.6 | 23.2 - 23.9 |
| Black | 47.1 | 45.8 - 48.3 |
| Hispanic | 40.8 | 37.4 - 44.3 |
| Other/Multiple | 37.8 | 36.5 - 39.2 |
| Grade | | |
| 7th | 35.5 | 34.4 - 36.5 |
| 8th | 31.3 | 30.3 - 32.3 |
| Total | 33.6 | 33.0 - 34.2 |

| Did not go to school because of safety concerns | | |
|---|------------|------------------|
| Category | % | CI |
| Gender | | |
| Female | 9.5 | 9.1 - 9.9 |
| Male | 6.2 | 5.8 - 6.6 |
| Race/Ethnicity | | |
| White | 5.8 | 5.6 - 6.0 |
| Black | 9.8 | 9.2 - 10.5 |
| Hispanic | 14.5 | 12.8 - 16.4 |
| Other/Multiple | 9.7 | 8.1 - 11.6 |
| Grade | | |
| 7th | 7.7 | 7.3 - 8.1 |
| 8th | 7.4 | 7.0 - 7.8 |
| Total | 7.8 | 7.5 - 8.1 |

| Harassed or picked on at school | | | |
|---------------------------------|-------------|-------------|---------------|
| Category | % | CI | |
| Gender | | | |
| Female | 28.5 | 27.9 | - 29.0 |
| Male | 21.7 | 21.1 | - 22.3 |
| Race/Ethnicity | | | |
| White | 27.1 | 26.7 | - 27.4 |
| Black | 21.8 | 20.8 | - 22.7 |
| Hispanic | 25.3 | 22.8 | - 28.1 |
| Other/Multiple | 28.9 | 27.6 | - 30.2 |
| Grade | | | |
| 7th | 25.8 | 25.1 | - 26.5 |
| 8th | 24.0 | 23.4 | - 24.7 |
| Total | 25.0 | 24.6 | - 25.4 |

| Electronically bullied | | | |
|------------------------|-------------|-------------|---------------|
| Category | % | CI | |
| Gender | | | |
| Female | 27.5 | 26.9 | - 28.0 |
| Male | 14.3 | 13.9 | - 14.8 |
| Race/Ethnicity | | | |
| White | 21.6 | 21.3 | - 21.9 |
| Black | 19.5 | 18.7 | - 20.4 |
| Hispanic | 20.9 | 18.7 | - 23.3 |
| Other/Multiple | 20.5 | 19.2 | - 21.8 |
| Grade | | | |
| 7th | 19.5 | 19.0 | - 20.0 |
| 8th | 21.7 | 21.2 | - 22.2 |
| Total | 20.7 | 20.4 | - 21.1 |

Depressive Symptoms

| Felt sad or hopeless | | | |
|-----------------------|-------------|-------------|-------------|
| Category | % | CI | |
| Gender | | | |
| Female | 30.8 | 30.1 | 31.5 |
| Male | 14.4 | 13.9 | 15.0 |
| Race/Ethnicity | | | |
| White | 21.2 | 20.8 | 21.5 |
| Black | 22.3 | 21.3 | 23.4 |
| Hispanic | 33.8 | 30.7 | 37.1 |
| Other/Multiple | 25.5 | 23.9 | 27.2 |
| Grade | | | |
| 7th | 20.4 | 19.7 | 21.0 |
| 8th | 24.2 | 23.5 | 24.8 |
| Total | 22.3 | 21.8 | 22.8 |

| Seriously considered attempting suicide | | | |
|---|-------------|-------------|-------------|
| Category | % | CI | |
| Gender | | | |
| Female | 18.4 | 17.8 | 19.1 |
| Male | 7.5 | 7.1 | 7.9 |
| Race/Ethnicity | | | |
| White | 11.1 | 10.8 | 11.4 |
| Black | 14.1 | 13.3 | 15.0 |
| Hispanic | 21.1 | 18.1 | 24.4 |
| Other/Multiple | 15.6 | 14.4 | 16.7 |
| Grade | | | |
| 7th | 12.2 | 11.5 | 12.9 |
| 8th | 13.0 | 12.5 | 13.5 |
| Total | 12.6 | 12.2 | 13.0 |

Tobacco and Electronic Vapor Use

| Ever smoked cigarettes | | | |
|------------------------|------------|------------|--------------|
| Category | % | CI | |
| Gender | | | |
| Female | 8.8 | 8.2 | - 9.4 |
| Male | 6.9 | 6.5 | - 7.3 |
| Race/Ethnicity | | | |
| White | 5.3 | 5.0 | - 5.5 |
| Black | 10.2 | 9.4 | - 11.1 |
| Hispanic | 16.7 | 14.3 | - 19.5 |
| Other/Multiple | 8.6 | 7.8 | - 9.5 |
| Grade | | | |
| 7th | 7.0 | 6.5 | - 7.6 |
| 8th | 8.3 | 7.7 | - 8.9 |
| Total | 7.8 | 7.4 | - 8.2 |

| Current cigarette use | | | |
|-----------------------|------------|------------|--------------|
| Category | % | CI | |
| Gender | | | |
| Female | 2.3 | 2.1 | - 2.6 |
| Male | 1.9 | 1.6 | - 2.1 |
| Race/Ethnicity | | | |
| White | 1.4 | 1.3 | - 1.5 |
| Black | 2.4 | 2.0 | - 2.7 |
| Hispanic | 6.8 | 5.4 | - 8.6 |
| Other/Multiple | 2.7 | 2.1 | - 3.5 |
| Grade | | | |
| 7th | 1.9 | 1.6 | - 2.1 |
| 8th | 2.0 | 1.8 | - 2.3 |
| Total | 2.1 | 1.9 | - 2.3 |

| Tried to quit smoking cigarettes | | |
|----------------------------------|-------------|--------------------|
| Category | % | CI |
| Gender | | |
| Female | 24.9 | 23.2 - 26.8 |
| Male | 20.3 | 18.4 - 22.3 |
| Race/Ethnicity | | |
| White | 21.7 | 20.3 - 23.3 |
| Black | 21.3 | 19.2 - 23.7 |
| Hispanic | 27.8 | 21.8 - 34.7 |
| Other/Multiple | 24.8 | 21.1 - 28.8 |
| Grade | | |
| 7th | 23.5 | 21.1 - 26.0 |
| 8th | 21.3 | 19.7 - 23.0 |
| Total | 22.4 | 21.0 - 23.8 |

| Current cigar use | | |
|-----------------------|------------|------------------|
| Category | % | CI |
| Gender | | |
| Female | 5.1 | 4.6 - 5.6 |
| Male | 4.0 | 3.7 - 4.4 |
| Race/Ethnicity | | |
| White | 1.4 | 1.2 - 1.5 |
| Black | 8.5 | 7.7 - 9.4 |
| Hispanic | 9.9 | 8.3 - 11.8 |
| Other/Multiple | 5.0 | 3.9 - 6.3 |
| Grade | | |
| 7th | 3.8 | 3.4 - 4.4 |
| 8th | 4.9 | 4.4 - 5.4 |
| Total | 4.5 | 4.2 - 4.9 |

| Current hookah use | | |
|-----------------------|------------|------------------|
| Category | % | CI |
| Gender | | |
| Female | 3.2 | 2.9 - 3.5 |
| Male | 2.6 | 2.3 - 3.0 |
| Race/Ethnicity | | |
| White | 1.5 | 1.4 - 1.6 |
| Black | 3.8 | 3.4 - 4.3 |
| Hispanic | 9.6 | 7.8 - 11.6 |
| Other/Multiple | 4.8 | 3.8 - 6.0 |
| Grade | | |
| 7th | 2.4 | 2.1 - 2.8 |
| 8th | 3.0 | 2.7 - 3.4 |
| Total | 2.9 | 2.7 - 3.1 |

| Used first tobacco product before age 11 years | | |
|--|------------|------------------|
| Category | % | CI |
| Gender | | |
| Female | 3.0 | 2.6 - 3.3 |
| Male | 4.4 | 4.0 - 4.8 |
| Race/Ethnicity | | |
| White | 1.8 | 1.7 - 2.0 |
| Black | 5.8 | 5.1 - 6.5 |
| Hispanic | 7.6 | 6.3 - 9.3 |
| Other/Multiple | 5.1 | 4.8 - 5.5 |
| Grade | | |
| 7th | 3.5 | 3.2 - 4.0 |
| 8th | 3.4 | 3.1 - 3.8 |
| Total | 3.7 | 3.4 - 4.0 |

| Current electronic vapor product use | | |
|--------------------------------------|------------|------------------|
| Category | % | CI |
| Gender | | |
| Female | 5.2 | 4.9 - 5.5 |
| Male | 5.5 | 5.2 - 5.9 |
| Race/Ethnicity | | |
| White | 4.2 | 4.0 - 4.3 |
| Black | 5.7 | 5.2 - 6.2 |
| Hispanic | 12.9 | 10.8 - 15.4 |
| Other/Multiple | 10.0 | 8.9 - 11.2 |
| Grade | | |
| 7th | 5.0 | 4.6 - 5.4 |
| 8th | 5.4 | 5.0 - 5.8 |
| Total | 5.4 | 5.1 - 5.6 |

Alcohol Use

| Ever used alcohol | | |
|-----------------------|-------------|--------------------|
| Category | % | CI |
| Gender | | |
| Female | 22.1 | 21.3 - 22.9 |
| Male | 20.7 | 20.0 - 21.4 |
| Race/Ethnicity | | |
| White | 14.0 | 13.7 - 14.4 |
| Black | 31.0 | 29.8 - 32.3 |
| Hispanic | 38.4 | 34.5 - 42.4 |
| Other/Multiple | 21.5 | 19.4 - 23.6 |
| Grade | | |
| 7th | 17.7 | 16.8 - 18.6 |
| 8th | 24.6 | 23.6 - 25.6 |
| Total | 21.4 | 20.8 - 22.0 |

| Drank alcohol before age 11 years | | |
|-----------------------------------|------------|------------------|
| Category | % | CI |
| Gender | | |
| Female | 5.8 | 5.4 - 6.2 |
| Male | 6.4 | 6.0 - 6.9 |
| Race/Ethnicity | | |
| White | 3.4 | 3.3 - 3.6 |
| Black | 9.6 | 8.9 - 10.3 |
| Hispanic | 11.9 | 9.8 - 14.4 |
| Other/Multiple | 7.4 | 5.7 - 9.4 |
| Grade | | |
| 7th | 6.3 | 5.8 - 6.8 |
| 8th | 5.7 | 5.2 - 6.2 |
| Total | 6.1 | 5.8 - 6.4 |

| Current alcohol use | | |
|-----------------------|------------|------------------|
| Category | % | CI |
| Gender | | |
| Female | 8.9 | 8.4 - 9.4 |
| Male | 6.6 | 6.2 - 7.1 |
| Race/Ethnicity | | |
| White | 5.3 | 5.1 - 5.5 |
| Black | 10.2 | 9.4 - 11.0 |
| Hispanic | 16.2 | 13.4 - 19.4 |
| Other/Multiple | 9.6 | 8.4 - 10.9 |
| Grade | | |
| 7th | 6.1 | 5.6 - 6.7 |
| 8th | 8.9 | 8.3 - 9.5 |
| Total | 7.8 | 7.4 - 8.1 |

Other Drug Use

| Ever used marijuana | | |
|-----------------------|------------|------------------|
| Category | % | CI |
| Gender | | |
| Female | 8.0 | 7.4 - 8.7 |
| Male | 9.4 | 8.8 - 10.1 |
| Race/Ethnicity | | |
| White | 3.8 | 3.5 - 4.0 |
| Black | 15.2 | 14.2 - 16.3 |
| Hispanic | 16.3 | 13.6 - 19.4 |
| Other/Multiple | 8.4 | 6.9 - 10.2 |
| Grade | | |
| 7th | 6.2 | 5.5 - 6.9 |
| 8th | 10.9 | 10.1 - 11.6 |
| Total | 8.7 | 8.3 - 9.2 |

| Tried marijuana before age 11 years | | |
|-------------------------------------|------------|------------------|
| Category | % | CI |
| Gender | | |
| Female | 0.9 | 0.7 - 1.2 |
| Male | 2.4 | 2.1 - 2.7 |
| Race/Ethnicity | | |
| White | 0.6 | 0.5 - 0.8 |
| Black | 2.6 | 2.3 - 3.0 |
| Hispanic | 5.0 | 4.1 - 6.1 |
| Other/Multiple | 2.5 | 1.9 - 3.3 |
| Grade | | |
| 7th | 1.3 | 1.0 - 1.5 |
| 8th | 1.7 | 1.4 - 2.0 |
| Total | 1.7 | 1.5 - 1.9 |

| Current marijuana use | | |
|-----------------------|------------|------------------|
| Category | % | CI |
| Gender | | |
| Female | 5.0 | 4.5 - 5.5 |
| Male | 5.2 | 4.7 - 5.8 |
| Race/Ethnicity | | |
| White | 2.2 | 2.0 - 2.4 |
| Black | 8.5 | 7.7 - 9.5 |
| Hispanic | 10.9 | 9.2 - 13.0 |
| Other/Multiple | 5.6 | 4.7 - 6.7 |
| Grade | | |
| 7th | 3.8 | 3.3 - 4.3 |
| 8th | 6.0 | 5.4 - 6.6 |
| Total | 5.1 | 4.7 - 5.5 |

| Ever used inhalants | | |
|-----------------------|------------|------------------|
| Category | % | CI |
| Gender | | |
| Female | 5.8 | 5.3 - 6.2 |
| Male | 5.1 | 4.7 - 5.4 |
| Race/Ethnicity | | |
| White | 3.1 | 2.9 - 3.2 |
| Black | 7.5 | 6.9 - 8.2 |
| Hispanic | 12.5 | 10.5 - 14.8 |
| Other/Multiple | 9.5 | 8.7 - 10.4 |
| Grade | | |
| 7th | 5.1 | 4.7 - 5.5 |
| 8th | 5.3 | 4.8 - 5.8 |
| Total | 5.4 | 5.1 - 5.7 |

| Ever used unauthorized prescription drug use | | |
|--|------------|------------------|
| Category | % | CI |
| Gender | | |
| Female | 6.3 | 5.9 - 6.7 |
| Male | 7.4 | 6.9 - 7.8 |
| Race/Ethnicity | | |
| White | 5.8 | 5.6 - 6.0 |
| Black | 7.5 | 6.9 - 8.2 |
| Hispanic | 11.9 | 9.7 - 14.5 |
| Other/Multiple | 11.4 | 10.1 - 12.8 |
| Grade | | |
| 7th | 5.7 | 5.4 - 6.1 |
| 8th | 7.5 | 7.1 - 7.9 |
| Total | 6.9 | 6.6 - 7.2 |

Sexual Behavior

| Ever had sexual intercourse | | |
|-----------------------------|------------|------------------|
| Category | % | CI |
| Gender | | |
| Female | 4.4 | 4.0 - 4.8 |
| Male | 14.1 | 13.3 - 14.9 |
| Race/Ethnicity | | |
| White | 3.4 | 3.2 - 3.6 |
| Black | 18.1 | 17.1 - 19.2 |
| Hispanic | 13.7 | 11.4 - 16.4 |
| Other/Multiple | 8.6 | 7.9 - 9.5 |
| Grade | | |
| 7th | 7.8 | 7.1 - 8.6 |
| 8th | 10.3 | 9.5 - 11.1 |
| Total | 9.3 | 8.8 - 9.7 |

| Current sexually active | | |
|-------------------------|------------|------------------|
| Category | % | CI |
| Gender | | |
| Female | 2.9 | 2.6 - 3.2 |
| Male | 7.6 | 7.0 - 8.2 |
| Race/Ethnicity | | |
| White | 2.2 | 2.1 - 2.4 |
| Black | 9.6 | 8.8 - 10.4 |
| Hispanic | 8.3 | 6.8 - 10.1 |
| Other/Multiple | 6.3 | 5.7 - 7.0 |
| Grade | | |
| 7th | 4.3 | 3.8 - 4.9 |
| 8th | 5.9 | 5.3 - 6.5 |
| Total | 5.3 | 4.9 - 5.6 |

| Used a condom during last sexual intercourse | | |
|--|-------------|--------------------|
| Category | % | CI |
| Gender | | |
| Female | 46.8 | 42.2 - 51.5 |
| Male | 64.4 | 60.9 - 67.8 |
| Race/Ethnicity | | |
| White | 59.6 | 56.6 - 62.5 |
| Black | 63.4 | 59.3 - 67.3 |
| Hispanic | 32.0 | 22.1 - 43.7 |
| Other/Multiple | 39.3 | 34.6 - 44.3 |
| Grade | | |
| 7th | 64.1 | 60.7 - 67.4 |
| 8th | 59.6 | 55.4 - 63.7 |
| Total | 59.3 | 56.5 - 62.1 |

| Ever taught in school about AIDS or HIV infection | | |
|---|-------------|--------------------|
| Category | % | CI |
| Gender | | |
| Female | 55.8 | 54.9 - 56.7 |
| Male | 60.5 | 59.7 - 61.4 |
| Race/Ethnicity | | |
| White | 54.9 | 54.4 - 55.4 |
| Black | 66.1 | 64.9 - 67.4 |
| Hispanic | 42.2 | 37.9 - 46.6 |
| Other/Multiple | 57.6 | 55.9 - 59.2 |
| Grade | | |
| 7th | 49.4 | 47.9 - 50.9 |
| 8th | 66.6 | 65.5 - 67.7 |
| Total | 58.2 | 57.5 - 58.9 |

Obesity and Weight Control

| Obese | | |
|-----------------------|-------------|--------------------|
| Category | % | CI |
| Gender | | |
| Female | 12.1 | 11.4 - 12.8 |
| Male | 14.2 | 13.6 - 14.8 |
| Race/Ethnicity | | |
| White | 9.5 | 9.2 - 9.8 |
| Black | 18.4 | 17.3 - 19.5 |
| Hispanic | 19.4 | 16.5 - 22.6 |
| Other/Multiple | 14.5 | 13.4 - 15.6 |
| Grade | | |
| 7th | 12.8 | 12.1 - 13.5 |
| 8th | 13.4 | 12.7 - 14.2 |
| Total | 13.2 | 12.7 - 13.6 |

| Overweight | | |
|-----------------------|-------------|--------------------|
| Category | % | CI |
| Gender | | |
| Female | 16.1 | 15.5 - 16.8 |
| Male | 15.6 | 15.0 - 16.2 |
| Race/Ethnicity | | |
| White | 13.3 | 13.0 - 13.7 |
| Black | 19.6 | 18.6 - 20.6 |
| Hispanic | 19.5 | 16.6 - 22.7 |
| Other/Multiple | 14.4 | 13.3 - 15.5 |
| Grade | | |
| 7th | 15.0 | 14.2 - 15.8 |
| 8th | 16.5 | 16.0 - 17.1 |
| Total | 15.9 | 15.4 - 16.3 |

| Describes self as slightly or very overweight | | |
|---|-------------|--------------------|
| Category | % | CI |
| Gender | | |
| Female | 28.1 | 27.5 - 28.7 |
| Male | 21.9 | 21.3 - 22.4 |
| Race/Ethnicity | | |
| White | 25.3 | 25.0 - 25.7 |
| Black | 23.3 | 22.5 - 24.2 |
| Hispanic | 28.7 | 26.0 - 31.5 |
| Other/Multiple | 28.3 | 27.1 - 29.7 |
| Grade | | |
| 7th | 23.7 | 23.0 - 24.3 |
| 8th | 25.9 | 25.3 - 26.6 |
| Total | 24.9 | 24.5 - 25.3 |

| Trying to lose weight | | |
|-----------------------|-------------|--------------------|
| Category | % | CI |
| Gender | | |
| Female | 49.3 | 48.6 - 50.0 |
| Male | 32.1 | 31.4 - 32.7 |
| Race/Ethnicity | | |
| White | 38.3 | 38.0 - 38.7 |
| Black | 42.5 | 41.5 - 43.5 |
| Hispanic | 47.8 | 44.1 - 51.5 |
| Other/Multiple | 40.1 | 38.0 - 42.3 |
| Grade | | |
| 7th | 40.3 | 39.6 - 41.1 |
| 8th | 40.7 | 40.1 - 41.4 |
| Total | 40.4 | 40.0 - 40.9 |

Dietary Behavior

| Ate fruits and vegetables five or more times | | | |
|--|-------------|-------------|-------------|
| Category | % | CI | |
| Gender | | | |
| Female | 30.0 | 29.4 | 30.6 |
| Male | 29.3 | 28.6 | 29.9 |
| Race/Ethnicity | | | |
| White | 33.6 | 33.3 | 34.0 |
| Black | 23.8 | 22.9 | 24.8 |
| Hispanic | 22.9 | 20.0 | 26.0 |
| Other/Multiple | 42.1 | 40.6 | 43.6 |
| Grade | | | |
| 7th | 30.9 | 30.2 | 31.7 |
| 8th | 28.3 | 27.7 | 29.0 |
| Total | 29.6 | 29.2 | 30.1 |

| Drank soda or pop one or more times yesterday | | | |
|---|-------------|-------------|-------------|
| Category | % | CI | |
| Gender | | | |
| Female | 44.6 | 44.0 | 45.3 |
| Male | 52.5 | 51.8 | 53.2 |
| Race/Ethnicity | | | |
| White | 38.8 | 38.4 | 39.1 |
| Black | 62.2 | 61.2 | 63.1 |
| Hispanic | 61.5 | 58.5 | 64.4 |
| Other/Multiple | 45.9 | 44.2 | 47.7 |
| Grade | | | |
| 7th | 49.1 | 48.2 | 50.1 |
| 8th | 48.0 | 47.0 | 49.0 |
| Total | 48.7 | 48.2 | 49.2 |

| Drank water at school every day | | |
|---------------------------------|-------------|--------------------|
| Category | % | CI |
| Gender | | |
| Female | 53.8 | 53.1 - 54.5 |
| Male | 59.5 | 58.8 - 60.2 |
| Race/Ethnicity | | |
| White | 64.6 | 64.2 - 64.9 |
| Black | 47.0 | 46.0 - 48.1 |
| Hispanic | 39.3 | 36.0 - 42.7 |
| Other/Multiple | 58.3 | 56.5 - 60.1 |
| Grade | | |
| 7th | 55.4 | 54.3 - 56.4 |
| 8th | 58.0 | 57.1 - 59.0 |
| Total | 56.6 | 56.1 - 57.1 |

| Did not eat breakfast every day | | |
|---------------------------------|-------------|--------------------|
| Category | % | CI |
| Gender | | |
| Female | 64.3 | 63.7 - 64.9 |
| Male | 55.3 | 54.6 - 56.1 |
| Race/Ethnicity | | |
| White | 51.6 | 51.2 - 52.0 |
| Black | 70.6 | 69.5 - 71.7 |
| Hispanic | 70.4 | 66.8 - 73.8 |
| Other/Multiple | 56.6 | 55.1 - 58.1 |
| Grade | | |
| 7th | 57.2 | 56.4 - 58.1 |
| 8th | 62.1 | 61.3 - 62.9 |
| Total | 59.8 | 59.3 - 60.3 |

| Ate fast food one or more days | | |
|--------------------------------|-------------|--------------------|
| Category | % | CI |
| Gender | | |
| Female | 68.9 | 68.3 - 69.5 |
| Male | 69.2 | 68.6 - 69.8 |
| Race/Ethnicity | | |
| White | 62.7 | 62.3 - 63.2 |
| Black | 78.8 | 77.9 - 79.7 |
| Hispanic | 72.7 | 69.6 - 75.6 |
| Other/Multiple | 66.5 | 65.1 - 67.8 |
| Grade | | |
| 7th | 68.1 | 67.3 - 68.9 |
| 8th | 69.8 | 69.1 - 70.5 |
| Total | 69.1 | 68.7 - 69.5 |

| Went hungry because not enough food in the home | | |
|---|-------------|--------------------|
| Category | % | CI |
| Gender | | |
| Female | 14.6 | 14.1 - 15.1 |
| Male | 14.8 | 14.3 - 15.2 |
| Race/Ethnicity | | |
| White | 12.8 | 12.6 - 13.1 |
| Black | 16.5 | 15.8 - 17.3 |
| Hispanic | 19.7 | 17.3 - 22.4 |
| Other/Multiple | 19.7 | 18.5 - 21.0 |
| Grade | | |
| 7th | 15.6 | 15.2 - 16.1 |
| 8th | 13.5 | 13.1 - 14.0 |
| Total | 14.7 | 14.4 - 15.0 |

| Took a multivitamin every day | | |
|-------------------------------|-------------|--------------------|
| Category | % | CI |
| Gender | | |
| Female | 11.6 | 11.2 - 11.9 |
| Male | 10.8 | 10.5 - 11.2 |
| Race/Ethnicity | | |
| White | 14.2 | 13.9 - 14.4 |
| Black | 7.3 | 6.7 - 7.8 |
| Hispanic | 7.2 | 5.9 - 8.7 |
| Other/Multiple | 14.9 | 13.9 - 15.9 |
| Grade | | |
| 7th | 9.5 | 9.1 - 9.9 |
| 8th | 12.7 | 12.2 - 13.1 |
| Total | 11.2 | 11.0 - 11.4 |

Physical Activity

| Participated in 60 or more minutes of physical activity on 5 or more days | | | |
|---|-------------|-------------|---------------|
| Category | % | CI | |
| Gender | | | |
| Female | 45.2 | 44.5 | - 45.9 |
| Male | 57.6 | 56.9 | - 58.2 |
| Race/Ethnicity | | | |
| White | 61.2 | 60.9 | - 61.6 |
| Black | 40.0 | 39.0 | - 41.0 |
| Hispanic | 28.3 | 25.2 | - 31.7 |
| Other/Multiple | 54.6 | 52.8 | - 56.4 |
| Grade | | | |
| 7th | 51.0 | 49.8 | - 52.1 |
| 8th | 52.4 | 51.3 | - 53.4 |
| Total | 51.5 | 51.0 | - 52.0 |

| Did not participate in 60 or more minutes of physical activity on any day | | | |
|---|-------------|-------------|---------------|
| Category | % | CI | |
| Gender | | | |
| Female | 13.8 | 13.2 | - 14.4 |
| Male | 11.4 | 10.9 | - 12.0 |
| Race/Ethnicity | | | |
| White | 6.7 | 6.5 | - 6.9 |
| Black | 19.6 | 18.7 | - 20.6 |
| Hispanic | 24.6 | 21.4 | - 28.1 |
| Other/Multiple | 13.1 | 11.8 | - 14.5 |
| Grade | | | |
| 7th | 13.0 | 12.2 | - 13.9 |
| 8th | 11.8 | 11.2 | - 12.4 |
| Total | 12.6 | 12.2 | - 13.1 |

| Watched television 3 or more hours per day | | | |
|--|-------------|-------------|-------------|
| Category | % | CI | |
| Gender | | | |
| Female | 29.5 | 28.8 | 30.2 |
| Male | 26.8 | 26.1 | 27.5 |
| Race/Ethnicity | | | |
| White | 16.1 | 15.8 | 16.5 |
| Black | 45.9 | 44.8 | 47.0 |
| Hispanic | 33.1 | 29.8 | 36.5 |
| Other/Multiple | 23.0 | 21.8 | 24.3 |
| Grade | | | |
| 7th | 28.8 | 27.9 | 29.8 |
| 8th | 27.2 | 26.2 | 28.2 |
| Total | 28.1 | 27.6 | 28.6 |

| Used computers 3 or more hours per day | | | |
|--|-------------|-------------|-------------|
| Category | % | CI | |
| Gender | | | |
| Female | 45.7 | 45.0 | 46.4 |
| Male | 47.3 | 46.5 | 48.0 |
| Race/Ethnicity | | | |
| White | 39.9 | 39.5 | 40.3 |
| Black | 55.7 | 54.6 | 56.9 |
| Hispanic | 54.5 | 50.9 | 58.0 |
| Other/Multiple | 46.5 | 45.1 | 47.8 |
| Grade | | | |
| 7th | 45.8 | 44.8 | 46.7 |
| 8th | 47.0 | 46.2 | 47.9 |
| Total | 46.5 | 46.0 | 47.1 |

| Played on one or more sports teams | | | |
|------------------------------------|-------------|-------------|---------------|
| Category | % | CI | |
| Gender | | | |
| Female | 68.0 | 67.3 | - 68.6 |
| Male | 74.4 | 73.7 | - 75.2 |
| Race/Ethnicity | | | |
| White | 76.8 | 76.4 | - 77.2 |
| Black | 66.0 | 64.9 | - 67.0 |
| Hispanic | 52.0 | 49.1 | - 54.9 |
| Other/Multiple | 70.1 | 68.6 | - 71.6 |
| Grade | | | |
| 7th | 71.9 | 71.0 | - 72.9 |
| 8th | 71.0 | 70.1 | - 71.8 |
| Total | 71.2 | 70.7 | - 71.7 |

| Walked or rode bike to or from school 3 or more days | | | |
|--|-------------|-------------|---------------|
| Category | % | CI | |
| Gender | | | |
| Female | 30.0 | 29.4 | - 30.6 |
| Male | 33.8 | 33.1 | - 34.5 |
| Race/Ethnicity | | | |
| White | 30.1 | 29.8 | - 30.5 |
| Black | 35.3 | 34.2 | - 36.4 |
| Hispanic | 30.3 | 27.7 | - 33.2 |
| Other/Multiple | 29.8 | 28.4 | - 31.2 |
| Grade | | | |
| 7th | 31.3 | 30.5 | - 32.1 |
| 8th | 32.5 | 31.7 | - 33.3 |
| Total | 31.9 | 31.5 | - 32.4 |

Positive Youth Development

| Spent at least one day in clubs or organizations outside of school | | | |
|--|-------------|-------------|---------------|
| Category | % | CI | |
| Gender | | | |
| Female | 59.8 | 59.1 | - 60.6 |
| Male | 52.5 | 51.7 | - 53.2 |
| Race/Ethnicity | | | |
| White | 61.0 | 60.6 | - 61.4 |
| Black | 50.8 | 49.7 | - 51.9 |
| Hispanic | 40.9 | 37.1 | - 44.8 |
| Other/Multiple | 55.6 | 54.1 | - 57.0 |
| Grade | | | |
| 7th | 56.2 | 55.3 | - 57.1 |
| 8th | 56.0 | 55.1 | - 56.9 |
| Total | 56.1 | 55.5 | - 56.6 |

| Parents talk with student about school almost every day | | | |
|---|-------------|-------------|---------------|
| Category | % | CI | |
| Gender | | | |
| Female | 57.4 | 56.7 | - 58.0 |
| Male | 54.8 | 54.1 | - 55.5 |
| Race/Ethnicity | | | |
| White | 59.3 | 58.8 | - 59.7 |
| Black | 53.5 | 52.4 | - 54.5 |
| Hispanic | 43.7 | 40.7 | - 46.7 |
| Other/Multiple | 51.6 | 50.0 | - 53.2 |
| Grade | | | |
| 7th | 56.0 | 55.2 | - 56.7 |
| 8th | 56.3 | 55.6 | - 57.1 |
| Total | 56.0 | 55.6 | - 56.5 |

| Students help decide what goes on in school | | |
|---|-------------|--------------------|
| Category | % | CI |
| Gender | | |
| Female | 43.7 | 43.0 - 44.5 |
| Male | 43.8 | 43.1 - 44.5 |
| Race/Ethnicity | | |
| White | 47.9 | 47.5 - 48.2 |
| Black | 38.5 | 37.3 - 39.7 |
| Hispanic | 39.7 | 35.9 - 43.8 |
| Other/Multiple | 39.6 | 38.1 - 41.1 |
| Grade | | |
| 7th | 42.6 | 41.8 - 43.4 |
| 8th | 44.9 | 44.1 - 45.7 |
| Total | 43.8 | 43.2 - 44.3 |

| Students feel like they matter to people in their community | | |
|---|-------------|--------------------|
| Category | % | CI |
| Gender | | |
| Female | 40.9 | 40.2 - 41.5 |
| Male | 52.7 | 52.1 - 53.4 |
| Race/Ethnicity | | |
| White | 48.8 | 48.5 - 49.2 |
| Black | 45.3 | 44.3 - 46.3 |
| Hispanic | 41.2 | 37.8 - 44.7 |
| Other/Multiple | 42.1 | 37.8 - 43.5 |
| Grade | | |
| 7th | 49.0 | 48.2 - 49.8 |
| 8th | 45.0 | 44.3 - 45.7 |
| Total | 46.9 | 46.4 - 47.4 |

| Supportive adult | | |
|-----------------------|-------------|--------------------|
| Category | % | CI |
| Gender | | |
| Female | 84.5 | 84.0 - 84.9 |
| Male | 83.0 | 82.5 - 83.5 |
| Race/Ethnicity | | |
| White | 85.0 | 84.8 - 85.3 |
| Black | 83.2 | 82.3 - 83.9 |
| Hispanic | 77.7 | 75.3 - 79.9 |
| Other/Multiple | 78.1 | 77.0 - 79.3 |
| Grade | | |
| 7th | 83.1 | 82.7 - 83.6 |
| 8th | 84.4 | 84.0 - 84.9 |
| Total | 83.7 | 83.3 - 84.0 |

| Obtained eight or more hours of sleep | | |
|---------------------------------------|-------------|--------------------|
| Category | % | CI |
| Gender | | |
| Female | 46.6 | 45.9 - 47.2 |
| Male | 50.9 | 50.2 - 51.6 |
| Race/Ethnicity | | |
| White | 52.8 | 52.4 - 53.3 |
| Black | 43.3 | 42.1 - 44.4 |
| Hispanic | 43.7 | 40.5 - 46.9 |
| Other/Multiple | 46.9 | 45.4 - 48.4 |
| Grade | | |
| 7th | 53.7 | 52.9 - 54.6 |
| 8th | 44.2 | 43.6 - 44.9 |
| Total | 48.7 | 48.2 - 49.2 |

| Described their grades in school as mostly A's and B's | | | |
|--|-------------|-------------|---------------|
| Category | % | CI | |
| Gender | | | |
| Female | 79.3 | 78.5 | - 80.0 |
| Male | 71.7 | 70.9 | - 72.5 |
| Race/Ethnicity | | | |
| White | 86.1 | 85.7 | - 86.4 |
| Black | 60.2 | 58.9 | - 61.5 |
| Hispanic | 62.2 | 58.1 | - 66.0 |
| Other/Multiple | 78.5 | 77.2 | - 79.8 |
| Grade | | | |
| 7th | 75.6 | 74.4 | - 76.8 |
| 8th | 75.5 | 74.4 | - 76.6 |
| Total | 75.4 | 74.7 | - 76.0 |

Preventive Health

| Saw a doctor or nurse for check-up | | | |
|------------------------------------|-------------|-------------|---------------|
| Category | % | CI | |
| Gender | | | |
| Female | 68.9 | 68.2 | - 69.6 |
| Male | 68.4 | 67.7 | - 69.0 |
| Race/Ethnicity | | | |
| White | 75.7 | 75.3 | - 76.0 |
| Black | 60.2 | 59.3 | - 61.2 |
| Hispanic | 51.7 | 47.9 | - 55.6 |
| Other/Multiple | 68.6 | 67.2 | - 69.9 |
| Grade | | | |
| 7th | 66.9 | 65.9 | - 67.9 |
| 8th | 70.5 | 69.6 | - 71.4 |
| Total | 68.6 | 68.1 | - 69.1 |

| Saw a doctor, nurse, therapist, social worker, or counselor for a mental health issue | | | |
|---|-------------|-------------|---------------|
| Category | % | CI | |
| Gender | | | |
| Female | 32.4 | 31.8 | - 33.1 |
| Male | 28.5 | 27.8 | - 29.2 |
| Race/Ethnicity | | | |
| White | 26.9 | 26.6 | - 27.3 |
| Black | 35.4 | 34.5 | - 36.4 |
| Hispanic | 34.4 | 31.2 | - 37.8 |
| Other/Multiple | 28.7 | 27.3 | - 30.1 |
| Grade | | | |
| 7th | 30.3 | 29.7 | - 31.0 |
| 8th | 30.7 | 30.0 | - 31.4 |
| Total | 30.5 | 30.0 | - 30.9 |

| Saw a dentist for routine check-up | | |
|------------------------------------|-------------|--------------------|
| Category | % | CI |
| Gender | | |
| Female | 73.5 | 72.7 - 74.3 |
| Male | 71.1 | 70.5 - 71.8 |
| Race/Ethnicity | | |
| White | 84.5 | 84.1 - 84.8 |
| Black | 56.5 | 55.3 - 57.6 |
| Hispanic | 53.5 | 50.0 - 57.0 |
| Other/Multiple | 69.0 | 67.7 - 70.3 |
| Grade | | |
| 7th | 71.2 | 70.0 - 72.3 |
| 8th | 73.8 | 72.7 - 74.9 |
| Total | 72.3 | 71.7 - 72.8 |

School Related Food Practices

| Bought food or beverages from a school fundraiser during school hours on 1 or more days | | | |
|---|-------------|-------------|---------------|
| Category | % | CI | |
| Gender | | | |
| Female | 46.4 | 45.7 | - 47.2 |
| Male | 45.5 | 44.8 | - 46.2 |
| Race/Ethnicity | | | |
| White | 39.7 | 39.3 | - 40.1 |
| Black | 55.5 | 54.4 | - 56.6 |
| Hispanic | 48.5 | 44.8 | - 52.2 |
| Other/Multiple | 48.6 | 47.0 | - 50.2 |
| Grade | | | |
| 7th | 47.6 | 46.6 | - 48.6 |
| 8th | 44.3 | 43.3 | - 45.4 |
| Total | 46.0 | 45.5 | - 46.5 |

| Bought food or beverages from a vending machine during school hours on 1 or more days | | | |
|---|-------------|-------------|---------------|
| Category | % | CI | |
| Gender | | | |
| Female | 21.9 | 21.3 | - 22.4 |
| Male | 25.1 | 24.5 | - 25.8 |
| Race/Ethnicity | | | |
| White | 19.5 | 19.2 | - 19.8 |
| Black | 31.7 | 30.6 | - 32.8 |
| Hispanic | 11.8 | 10.2 | - 13.7 |
| Other/Multiple | 25.0 | 23.9 | - 26.1 |
| Grade | | | |
| 7th | 22.8 | 22.0 | - 23.5 |
| 8th | 24.0 | 23.2 | - 24.8 |
| Total | 23.5 | 23.1 | - 24.0 |

| Stopped at a corner, convenience, drug, grocery or other food store to or from school | | | |
|---|-------------|-------------|---------------|
| Category | % | CI | |
| Gender | | | |
| Female | 44.6 | 43.8 | - 45.4 |
| Male | 48.5 | 47.7 | - 49.3 |
| Race/Ethnicity | | | |
| White | 29.8 | 29.4 | - 30.1 |
| Black | 71.2 | 70.1 | - 72.3 |
| Hispanic | 62.7 | 59.2 | - 66.1 |
| Other/Multiple | 43.2 | 41.3 | - 45.2 |
| Grade | | | |
| 7th | 45.8 | 44.5 | - 47.1 |
| 8th | 46.9 | 45.4 | - 48.3 |
| Total | 46.5 | 45.9 | - 47.1 |

Other Health Behaviors

| Changed homes one or more times | | |
|---------------------------------|-------------|--------------------|
| Category | % | CI |
| Gender | | |
| Female | 23.3 | 22.7 - 24.1 |
| Male | 26.0 | 25.3 - 26.7 |
| Race/Ethnicity | | |
| White | 14.5 | 14.2 - 14.8 |
| Black | 39.2 | 38.1 - 40.4 |
| Hispanic | 36.3 | 32.4 - 40.3 |
| Other/Multiple | 24.7 | 23.0 - 26.5 |
| Grade | | |
| 7th | 25.2 | 24.3 - 26.2 |
| 8th | 23.8 | 22.8 - 24.8 |
| Total | 24.7 | 24.2 - 25.2 |

| Parent(s) or guardian(s) have been in prison or jail | | |
|--|------------|------------------|
| Category | % | CI |
| Gender | | |
| Female | 8.5 | 8.0 - 9.0 |
| Male | 8.0 | 7.5 - 8.6 |
| Race/Ethnicity | | |
| White | 3.4 | 3.2 - 3.5 |
| Black | 15.0 | 14.1 - 15.9 |
| Hispanic | 14.9 | 12.5 - 17.7 |
| Other/Multiple | 8.8 | 7.5 - 10.4 |
| Grade | | |
| 7th | 8.2 | 7.6 - 8.8 |
| 8th | 8.1 | 7.5 - 8.8 |
| Total | 8.3 | 7.9 - 8.7 |

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

Partners & Funding

This work is funded either in whole or in part by a grant awarded by the Ohio Department of Health, Bureau of Child and Family Health Services, Child and Family Health Services Program as a sub-award of a grant issued by the Health Resources and Services Administration (HRSA) under the Maternal and Child Health Block Grant, grant award number B04MC26688, and CFDA number 93.994 and Am. Sub. H.B. 59, and by Cooperative Agreement #U87PS004165-02 from the U.S. Centers for Disease Control and Prevention, Division of Adolescent School Health (CDC-DASH).

This work was also funded by Cooperative Agreement Number 1-U48-DP-005030 from the Centers for Disease Control and Prevention. Its contents are solely the responsibility of the PRCHN and do not necessarily represent the official views of the CDC.

This work was approved by the Institutional Review Board at Case Western Reserve University, Protocol #2012-274.



CUYAHOGA COUNTY
BOARD OF HEALTH