

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey Risk Behaviors and Academic Achievement Report

Total Unintentional Injuries/Violence	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QN6: Percentage of students who rarely or never wore a bicycle helmet (among students who had ridden a bicycle)	59.7 (56.3-63.1)	74.2 (68.7-79.1)	76.9 (66.4-84.8)	87.1 (73.1-94.3)	Yes
QN7: Percentage of students who rarely or never wore a helmet when rollerblading or skateboarding (among students who used rollerblades or rode a skateboard)	76.1 (70.2-81.3)	81.2 (71.8-88.0)	80.9 (68.7-89.1)	93.4 (76.5-98.4)	No
QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car)	2.4 (1.5-3.7)	5.5 (3.7-8.0)	7.1 (4.3-11.6)	15.8 (8.9-26.6)	Yes
QN9: Percentage of students who ever rode with a driver who had been drinking alcohol (in a car)	11.2 (9.3-13.3)	16.6 (13.1-20.7)	22.4 (16.0-30.4)	29.9 (20.0-42.2)	Yes
QN10: Percentage of students who ever carried a weapon (such as a gun, knife, or club)	33.7 (29.6-38.0)	43.4 (38.2-48.8)	55.0 (47.7-62.2)	64.4 (54.0-73.6)	Yes
QN11: Percentage of students who were ever in a physical fight	29.7 (26.7-33.0)	49.7 (45.0-54.3)	60.0 (51.9-67.5)	77.3 (63.8-86.8)	Yes
QN12: Percentage of students who were ever bullied on school property	40.8 (36.0-45.9)	48.9 (41.1-56.8)	53.8 (45.7-61.8)	51.2 (38.6-63.8)	Yes

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey
Risk Behaviors and Academic Achievement Report

Total
Unintentional Injuries/Violence

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QN13: Percentage of students who were ever electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media)	24.3 (20.5-28.6)	27.9 (23.2-33.1)	34.9 (28.1-42.4)	39.3 (27.1-53.0)	Yes
QN14: Percentage of students who ever seriously thought about killing themselves	14.9 (12.4-17.9)	23.4 (18.5-29.2)	31.0 (23.9-39.1)	38.2 (24.8-53.7)	Yes
QN15: Percentage of students who ever made a plan about how they would kill themselves	9.2 (7.6-11.0)	16.3 (12.0-22.0)	22.9 (17.1-29.8)	29.7 (18.2-44.5)	Yes
QN16: Percentage of students who ever tried to kill themselves	4.3 (3.2-5.8)	11.5 (7.9-16.4)	15.1 (10.4-21.5)	21.8 (11.5-37.4)	Yes

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey Risk Behaviors and Academic Achievement Report

**Total
Tobacco Use**

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QN17: Percentage of students who ever tried cigarette smoking (even one or two puffs)	6.5 (5.0-8.5)	16.8 (12.3-22.3)	34.7 (28.0-42.1)	46.3 (29.8-63.6)	Yes
QN18: Percentage of students who tried cigarette smoking for the first time before age 11 years (even one or two puffs)	2.6 (1.7-4.0)	5.0 (3.2-7.7)	15.9 (10.6-23.1)	20.4 (12.2-32.1)	Yes
QN19: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)	1.0 (0.6-1.6)	4.6 (3.2-6.6)	8.1 (4.4-14.2)	15.6 (8.8-26.2)	Yes
QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)	0.2 (0.1-0.7)	1.1 (0.6-1.9)	1.2 (0.2-6.0)	4.0 (1.2-12.5)	No
QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)	0.2 (0.1-0.7)	0.8 (0.2-3.0)	1.2 (0.2-6.0)	1.3 (0.2-7.4)	No
QN20: Percentage of students who smoked more than 10 cigarettes per day (on the days they smoked during the 30 days before the survey, among students who currently smoked cigarettes)	-	-	-	-	

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey Risk Behaviors and Academic Achievement Report

Total Tobacco Use	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QN21: Percentage of students who ever used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo])	11.5 (9.2-14.3)	21.7 (17.6-26.3)	29.5 (23.6-36.2)	46.3 (33.3-59.9)	Yes
QN22: Percentage of students who currently used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo], on at least 1 day during the 30 days before the survey)	2.9 (1.9-4.5)	5.7 (3.5-9.1)	13.3 (8.7-19.6)	21.0 (11.9-34.4)	Yes
QN23: Percentage of students who usually got their own electronic vapor products by buying them in a store (such as a convenience store, supermarket, discount store, gas station, or vape store, during the 30 days before the survey, among students who currently used electronic vapor products)	-	8.2 (1.7-31.8)	-	-	
QN24: Percentage of students who currently used smokeless tobacco (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Redman, Levi Garrett, Beechnut, Skoal, Skoal Bandits, Copenhagen, Camel Snus, Marlboro Snus, General Snus, Ariva, Stonewall, or Camel Orbs], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey)	1.7 (0.9-3.2)	3.8 (2.5-5.8)	7.6 (4.5-12.4)	19.1 (10.2-33.0)	Yes
QN25: Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey)	1.2 (0.6-2.3)	4.1 (2.8-6.0)	5.0 (2.4-10.4)	9.7 (3.9-22.1)	No

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2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey Risk Behaviors and Academic Achievement Report

Total Tobacco Use	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey)	1.7 (1.0-2.7)	6.6 (4.8-9.0)	10.1 (5.7-17.3)	19.3 (12.1-29.2)	Yes
QNTB3: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco (on at least 1 day during the 30 days before the survey)	2.8 (1.8-4.4)	8.0 (5.9-10.9)	14.1 (8.7-22.0)	30.9 (21.0-43.0)	Yes
QNTB4: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco or electronic vapor products (on at least 1 day during the 30 days before the survey)	5.0 (3.8-6.6)	10.6 (7.5-14.9)	21.6 (15.0-30.1)	36.7 (24.5-50.9)	Yes

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2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey Risk Behaviors and Academic Achievement Report

Total Alcohol/Other Drug Use	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QN26: Percentage of students who ever drank alcohol (other than a few sips)	14.1 (11.7-16.8)	27.8 (23.1-33.1)	39.2 (29.6-49.8)	61.7 (44.1-76.6)	Yes
QN27: Percentage of students who drank alcohol for the first time before age 11 years (other than a few sips)	5.7 (4.2-7.6)	9.1 (6.5-12.6)	17.4 (10.5-27.5)	33.3 (23.5-44.8)	Yes
QN28: Percentage of students who ever used marijuana	3.1 (2.1-4.7)	9.1 (6.5-12.8)	21.5 (15.6-28.8)	35.9 (21.1-54.1)	Yes
QN29: Percentage of students who tried marijuana for the first time before age 11 years	1.1 (0.6-2.2)	2.5 (1.3-4.7)	5.9 (3.0-11.3)	9.1 (4.4-17.8)	Yes
QN30: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase)	1.0 (0.6-1.9)	2.3 (1.3-3.9)	5.1 (2.5-10.1)	9.4 (4.5-18.5)	Yes
QN31: Percentage of students who ever used inhalants (sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high)	3.7 (2.8-4.8)	6.8 (5.1-9.1)	15.4 (10.4-22.2)	19.3 (10.3-33.4)	Yes
QN32: Percentage of students who ever took steroids without a doctor's prescription (pills or shots)	0.4 (0.1-0.9)	2.7 (1.4-5.1)	3.0 (1.2-7.5)	5.2 (1.6-15.4)	Yes

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2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey Risk Behaviors and Academic Achievement Report

Total Alcohol/Other Drug Use	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QN33: Percentage of students who ever took prescription pain medicine without a doctor's prescription or differently than how a doctor told them to use it (counting drugs such as codeine, Vicodin, Oxycontin, hydrocodone, and Percocet)	2.3 (1.5-3.3)	4.2 (2.8-6.2)	5.4 (2.8-10.2)	8.4 (4.7-14.5)	No

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2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey
Risk Behaviors and Academic Achievement Report

Total
Dietary Behaviors

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QN38: Percentage of students who described themselves as slightly or very overweight	25.1 (21.6-29.0)	29.3 (24.8-34.1)	36.9 (28.9-45.8)	37.7 (28.7-47.7)	Yes
QN39: Percentage of students who were trying to lose weight	46.7 (43.2-50.2)	46.6 (41.5-51.6)	48.6 (39.6-57.7)	41.4 (31.4-52.2)	No
QN40: Percentage of students who did not eat breakfast (during the 7 days before the survey)	8.3 (6.2-10.9)	8.6 (5.9-12.4)	9.5 (5.6-15.5)	11.6 (6.2-20.8)	No
QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey)	51.3 (46.2-56.4)	49.1 (42.9-55.2)	43.7 (36.5-51.1)	42.7 (32.4-53.6)	No

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† Confidence interval.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey Risk Behaviors and Academic Achievement Report

Total Physical Activity	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QN41: Percentage of students who were physically active at least 60 minutes per day on 5 or more days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)	70.4 (66.0-74.4)	61.1 (54.2-67.7)	54.9 (46.7-62.8)	55.7 (42.2-68.4)	Yes
QNPA0DAY: Percentage of students who did not participate in at least 60 minutes of physical activity on at least 1 day (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)	6.5 (4.8-8.9)	10.9 (7.9-14.9)	12.3 (8.8-17.0)	13.5 (7.8-22.5)	Yes
QNPA7DAY: Percentage of students who were physically active at least 60 minutes per day on all 7 days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)	47.0 (42.8-51.2)	43.1 (36.6-49.8)	40.4 (32.1-49.3)	33.7 (22.7-46.8)	No
QN42: Percentage of students who watched television 3 or more hours per day (on an average school day)	23.3 (21.2-25.5)	26.7 (21.6-32.5)	30.9 (24.3-38.4)	34.5 (23.5-47.6)	Yes
QN43: Percentage of students who played video or computer games or used a computer 3 or more hours per day (counting time spent on things such as Xbox, PlayStation, an iPad or other tablet, a smartphone, texting, YouTube, Instagram, Facebook, or other social media, for something that was not school work, on an average school day)	43.2 (39.2-47.3)	50.8 (45.9-55.8)	49.2 (40.9-57.6)	57.4 (43.9-69.9)	No
QN44: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school)	73.9 (69.0-78.3)	70.2 (63.4-76.2)	68.0 (55.6-78.3)	60.5 (45.6-73.8)	No

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey Risk Behaviors and Academic Achievement Report

Total Physical Activity Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school)	56.5 (49.3-63.5)	51.1 (43.4-58.8)	46.0 (33.9-58.6)	40.4 (28.8-53.1)	No
QN45: Percentage of students who played on at least one sports team (counting any teams run by their school or community groups, during the past 12 months before the survey)	67.7 (63.4-71.8)	61.3 (54.0-68.2)	48.6 (40.7-56.5)	30.8 (19.3-45.2)	Yes
QN46: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey)	13.2 (10.3-16.8)	20.2 (16.0-25.2)	21.2 (15.4-28.5)	22.6 (12.7-36.9)	Yes
QN48: Percentage of students who got 8 or more hours of sleep (on an average school night)	56.7 (52.0-61.2)	48.1 (42.1-54.2)	37.5 (31.0-44.5)	41.8 (30.9-53.6)	Yes

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2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey
Risk Behaviors and Academic Achievement Report

Total Other	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QN47: Percentage of students who had ever been told by a doctor or nurse that they had asthma	17.2 (13.9-21.1)	22.3 (18.9-26.2)	27.9 (21.7-35.0)	23.6 (16.3-32.7)	No

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

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2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey Risk Behaviors and Academic Achievement Report

**Total
Site-Added**

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QN50: Percentage of students who saw a doctor or nurse (for a check-up or physical exam when they were not sick or injured during the 12 months before the survey)	66.0 (61.7-70.0)	60.1 (53.4-66.3)	55.9 (46.2-65.1)	45.1 (35.0-55.6)	Yes
QN51: Percentage of students who would feel comfortable seeking help from one or more adults besides their parents if they had an important question affecting their life	85.7 (82.9-88.1)	79.8 (74.8-84.0)	79.3 (71.4-85.5)	64.5 (49.6-77.0)	Yes

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2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey Risk Behaviors and Academic Achievement Report

Male
Unintentional Injuries/Violence

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QN6: Percentage of students who rarely or never wore a bicycle helmet (among students who had ridden a bicycle)	61.0 (54.9-66.8)	77.2 (70.7-82.6)	81.2 (67.5-90.0)	88.4 (68.5-96.4)	Yes
QN7: Percentage of students who rarely or never wore a helmet when rollerblading or skateboarding (among students who used rollerblades or rode a skateboard)	74.9 (66.9-81.6)	79.6 (67.9-87.8)	89.8 (80.9-94.9)	-	
QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car)	2.9 (1.6-5.4)	4.7 (2.6-8.2)	7.7 (3.9-14.5)	18.6 (9.4-33.3)	Yes
QN9: Percentage of students who ever rode with a driver who had been drinking alcohol (in a car)	9.9 (7.3-13.3)	14.8 (10.0-21.2)	26.6 (20.0-34.5)	33.2 (19.8-50.0)	Yes
QN10: Percentage of students who ever carried a weapon (such as a gun, knife, or club)	50.9 (44.5-57.3)	57.7 (51.6-63.6)	63.0 (54.0-71.2)	77.6 (62.9-87.6)	Yes
QN11: Percentage of students who were ever in a physical fight	43.5 (37.9-49.3)	59.1 (52.3-65.7)	70.7 (62.9-77.5)	74.8 (57.8-86.6)	Yes
QN12: Percentage of students who were ever bullied on school property	35.8 (29.8-42.4)	41.2 (32.8-50.1)	46.1 (36.7-55.8)	36.0 (24.0-50.0)	No

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2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey Risk Behaviors and Academic Achievement Report

Male
Unintentional Injuries/Violence

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QN13: Percentage of students who were ever electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media)	18.0 (14.3-22.3)	17.0 (13.1-21.7)	24.9 (17.0-34.9)	24.0 (12.7-40.7)	No
QN14: Percentage of students who ever seriously thought about killing themselves	11.5 (8.9-14.7)	14.6 (9.3-22.1)	16.9 (10.4-26.3)	30.2 (15.6-50.3)	No
QN15: Percentage of students who ever made a plan about how they would kill themselves	7.2 (4.8-10.5)	13.4 (8.4-20.8)	16.1 (10.4-24.3)	26.0 (13.2-44.9)	Yes
QN16: Percentage of students who ever tried to kill themselves	4.0 (2.4-6.8)	5.8 (3.4-9.7)	12.3 (6.6-21.8)	15.5 (5.7-36.1)	Yes

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**Male
Tobacco Use**

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QN17: Percentage of students who ever tried cigarette smoking (even one or two puffs)	7.7 (5.3-10.9)	16.6 (11.5-23.4)	37.9 (29.6-47.0)	38.0 (22.3-56.7)	Yes
QN18: Percentage of students who tried cigarette smoking for the first time before age 11 years (even one or two puffs)	2.3 (1.1-4.8)	4.7 (2.4-9.1)	14.5 (8.6-23.4)	21.1 (10.3-38.5)	Yes
QN19: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)	1.0 (0.4-2.5)	4.8 (2.8-8.0)	7.4 (3.5-14.8)	13.5 (5.7-28.6)	Yes
QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)	0.2 (0.0-1.2)	1.3 (0.6-2.9)	0.4 (0.1-3.0)	4.0 (0.9-16.3)	No
QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)	0.2 (0.0-1.2)	0.9 (0.1-6.7)	0.4 (0.1-3.0)	1.6 (0.2-11.7)	Yes
QN20: Percentage of students who smoked more than 10 cigarettes per day (on the days they smoked during the 30 days before the survey, among students who currently smoked cigarettes)	-	-	-	-	

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- = Fewer than 30 students in this subgroup.

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**Male
Tobacco Use**

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QN21: Percentage of students who ever used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo])	12.8 (9.5-17.0)	23.5 (17.0-31.6)	35.9 (28.3-44.3)	49.0 (35.0-63.2)	Yes
QN22: Percentage of students who currently used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo], on at least 1 day during the 30 days before the survey)	2.8 (1.5-5.1)	5.3 (2.9-9.5)	14.5 (9.8-20.8)	25.2 (13.5-42.2)	Yes
QN23: Percentage of students who usually got their own electronic vapor products by buying them in a store (such as a convenience store, supermarket, discount store, gas station, or vape store, during the 30 days before the survey, among students who currently used electronic vapor products)	-	-	-	-	
QN24: Percentage of students who currently used smokeless tobacco (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Redman, Levi Garrett, Beechnut, Skoal, Skoal Bandits, Copenhagen, Camel Snus, Marlboro Snus, General Snus, Ariva, Stonewall, or Camel Orbs], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey)	2.7 (1.1-6.2)	5.6 (3.6-8.5)	12.4 (8.0-18.7)	21.2 (11.3-36.2)	Yes
QN25: Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey)	1.2 (0.4-3.4)	4.6 (2.8-7.4)	6.5 (2.9-13.9)	12.8 (5.3-27.7)	No

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey
Risk Behaviors and Academic Achievement Report

Male
Tobacco Use

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey)	2.0 (0.9-4.3)	7.5 (5.0-11.1)	10.6 (5.4-19.6)	17.6 (8.7-32.6)	Yes
QNTB3: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco (on at least 1 day during the 30 days before the survey)	4.0 (2.0-7.7)	9.9 (6.8-14.1)	17.3 (10.8-26.4)	29.7 (18.9-43.3)	Yes
QNTB4: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco or electronic vapor products (on at least 1 day during the 30 days before the survey)	5.7 (3.3-9.6)	12.7 (8.4-18.8)	24.8 (17.7-33.7)	37.9 (24.0-54.1)	Yes

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey Risk Behaviors and Academic Achievement Report

Male
Alcohol/Other Drug Use

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QN26: Percentage of students who ever drank alcohol (other than a few sips)	14.4 (11.1-18.4)	26.0 (19.7-33.4)	39.8 (28.5-52.2)	63.9 (41.1-81.8)	Yes
QN27: Percentage of students who drank alcohol for the first time before age 11 years (other than a few sips)	6.9 (4.9-9.5)	8.2 (5.2-12.7)	18.5 (11.0-29.4)	44.2 (28.4-61.2)	Yes
QN28: Percentage of students who ever used marijuana	3.3 (1.8-5.9)	9.7 (6.2-15.0)	24.9 (18.5-32.5)	37.6 (19.7-59.7)	Yes
QN29: Percentage of students who tried marijuana for the first time before age 11 years	0.9 (0.3-2.6)	2.6 (1.0-6.7)	6.2 (2.6-14.1)	11.9 (4.9-25.9)	Yes
QN30: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase)	0.6 (0.3-1.3)	1.7 (0.8-3.4)	4.6 (1.8-11.2)	12.3 (5.3-26.0)	Yes
QN31: Percentage of students who ever used inhalants (sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high)	4.4 (3.1-6.2)	4.8 (2.9-8.0)	15.6 (9.4-24.6)	15.4 (5.4-36.6)	Yes
QN32: Percentage of students who ever took steroids without a doctor's prescription (pills or shots)	0.6 (0.2-1.6)	2.1 (0.8-5.8)	4.0 (1.3-11.6)	7.1 (2.0-21.8)	No

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey
Risk Behaviors and Academic Achievement Report

Male
Alcohol/Other Drug Use

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QN33: Percentage of students who ever took prescription pain medicine without a doctor's prescription or differently than how a doctor told them to use it (counting drugs such as codeine, Vicodin, Oxycontin, hydrocodone, and Percocet)	2.7 (1.5-4.8)	3.0 (1.6-5.4)	7.1 (3.4-14.3)	6.6 (3.4-12.3)	No

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey Risk Behaviors and Academic Achievement Report

**Male
Dietary Behaviors**

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QN38: Percentage of students who described themselves as slightly or very overweight	22.4 (18.7-26.5)	27.2 (21.0-34.4)	32.8 (24.9-41.8)	38.5 (28.0-50.2)	No
QN39: Percentage of students who were trying to lose weight	38.9 (33.6-44.4)	39.2 (32.2-46.7)	46.7 (34.7-59.0)	34.6 (23.5-47.7)	No
QN40: Percentage of students who did not eat breakfast (during the 7 days before the survey)	6.1 (3.8-9.6)	6.0 (3.4-10.4)	8.3 (3.5-18.1)	10.9 (4.2-25.4)	No
QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey)	58.6 (52.0-65.0)	54.6 (46.7-62.2)	47.2 (36.0-58.7)	40.0 (28.3-53.0)	No

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey Risk Behaviors and Academic Achievement Report

Male
Physical Activity

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QN41: Percentage of students who were physically active at least 60 minutes per day on 5 or more days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)	77.3 (70.6-82.7)	62.0 (53.6-69.7)	67.1 (56.5-76.1)	56.6 (39.9-72.0)	Yes
QNPA0DAY: Percentage of students who did not participate in at least 60 minutes of physical activity on at least 1 day (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)	6.4 (3.7-10.6)	11.2 (7.0-17.4)	7.8 (4.0-14.5)	16.2 (8.7-28.1)	No
QNPA7DAY: Percentage of students who were physically active at least 60 minutes per day on all 7 days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)	55.8 (50.1-61.3)	44.9 (37.9-52.2)	55.7 (44.8-66.1)	38.9 (24.7-55.3)	No
QN42: Percentage of students who watched television 3 or more hours per day (on an average school day)	21.4 (18.3-24.9)	24.2 (19.5-29.5)	26.6 (17.9-37.8)	23.9 (14.9-36.0)	No
QN43: Percentage of students who played video or computer games or used a computer 3 or more hours per day (counting time spent on things such as Xbox, PlayStation, an iPad or other tablet, a smartphone, texting, YouTube, Instagram, Facebook, or other social media, for something that was not school work, on an average school day)	42.4 (36.3-48.8)	51.7 (44.6-58.7)	46.9 (38.0-55.9)	58.6 (43.1-72.5)	Yes
QN44: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school)	74.7 (66.8-81.2)	69.0 (61.4-75.6)	69.3 (56.2-79.9)	57.8 (42.8-71.4)	No

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey
Risk Behaviors and Academic Achievement Report

Male
Physical Activity

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school)	55.2 (46.3-63.8)	50.3 (43.3-57.4)	50.2 (36.5-63.9)	43.0 (30.5-56.5)	No
QN45: Percentage of students who played on at least one sports team (counting any teams run by their school or community groups, during the past 12 months before the survey)	70.6 (65.1-75.5)	58.9 (50.6-66.7)	54.1 (45.3-62.6)	40.2 (24.0-58.9)	Yes
QN46: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey)	14.0 (10.3-18.6)	22.4 (16.8-29.3)	20.7 (13.5-30.4)	19.3 (9.3-35.7)	Yes
QN48: Percentage of students who got 8 or more hours of sleep (on an average school night)	61.1 (53.1-68.6)	55.1 (47.9-62.0)	42.4 (32.5-53.0)	37.4 (26.0-50.3)	Yes

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey
Risk Behaviors and Academic Achievement Report

Male Other	Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
		A's % 95% CI†	B's % 95% CI	C's % 95% CI	D's/F's % 95% CI	
	QN47: Percentage of students who had ever been told by a doctor or nurse that they had asthma	18.3 (14.1-23.4)	22.8 (18.5-27.7)	26.2 (20.5-32.9)	24.7 (14.2-39.4)	No

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey Risk Behaviors and Academic Achievement Report

**Male
Site-Added**

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QN50: Percentage of students who saw a doctor or nurse (for a check-up or physical exam when they were not sick or injured during the 12 months before the survey)	63.1 (55.4-70.2)	57.1 (49.5-64.4)	63.2 (50.1-74.5)	42.0 (28.3-57.1)	Yes
QN51: Percentage of students who would feel comfortable seeking help from one or more adults besides their parents if they had an important question affecting their life	85.1 (80.1-89.0)	82.8 (74.7-88.7)	81.7 (72.0-88.6)	67.5 (47.2-82.8)	No

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey Risk Behaviors and Academic Achievement Report

Female Unintentional Injuries/Violence		Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
Health Risk Behavior	A's	B's	C's	D's/F's		
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI		
QN6: Percentage of students who rarely or never wore a bicycle helmet (among students who had ridden a bicycle)	58.8 (53.9-63.5)	69.9 (61.2-77.4)	71.6 (56.0-83.3)	-		
QN7: Percentage of students who rarely or never wore a helmet when rollerblading or skateboarding (among students who used rollerblades or rode a skateboard)	76.8 (67.7-84.0)	82.7 (71.6-90.1)	73.6 (54.3-86.8)	-		
QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car)	2.0 (1.1-3.6)	6.6 (4.1-10.4)	4.2 (1.3-12.8)	10.4 (3.0-30.4)	Yes	
QN9: Percentage of students who ever rode with a driver who had been drinking alcohol (in a car)	12.2 (9.1-16.3)	18.3 (12.5-26.1)	16.1 (8.6-28.2)	23.4 (10.2-45.2)	No	
QN10: Percentage of students who ever carried a weapon (such as a gun, knife, or club)	19.9 (15.6-25.0)	23.0 (16.6-31.0)	43.3 (31.5-55.8)	39.0 (20.5-61.4)	Yes	
QN11: Percentage of students who were ever in a physical fight	18.5 (15.8-21.5)	36.0 (27.8-45.1)	43.9 (31.9-56.7)	82.2 (62.5-92.8)	Yes	
QN12: Percentage of students who were ever bullied on school property	44.8 (39.2-50.6)	59.3 (47.0-70.5)	65.5 (51.5-77.3)	81.2 (59.0-92.9)	Yes	

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey Risk Behaviors and Academic Achievement Report

Female Unintentional Injuries/Violence		Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
Health Risk Behavior	A's	B's	C's	D's/F's		
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI		
QN13: Percentage of students who were ever electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media)	29.6 (24.2-35.7)	42.7 (35.0-50.7)	51.6 (38.1-64.9)	69.5 (45.8-86.0)	Yes	
QN14: Percentage of students who ever seriously thought about killing themselves	17.9 (13.7-23.1)	35.6 (28.6-43.2)	52.6 (40.0-64.9)	53.6 (32.4-73.6)	Yes	
QN15: Percentage of students who ever made a plan about how they would kill themselves	10.8 (8.8-13.3)	19.9 (15.2-25.5)	32.4 (22.5-44.1)	36.8 (22.9-53.4)	Yes	
QN16: Percentage of students who ever tried to kill themselves	4.3 (2.9-6.3)	19.1 (13.2-26.7)	19.8 (11.1-32.9)	33.9 (18.3-54.0)	Yes	

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey Risk Behaviors and Academic Achievement Report

**Female
Tobacco Use**

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QN17: Percentage of students who ever tried cigarette smoking (even one or two puffs)	5.6 (3.9-8.2)	16.1 (10.8-23.4)	30.1 (19.3-43.7)	63.1 (34.6-84.6)	Yes
QN18: Percentage of students who tried cigarette smoking for the first time before age 11 years (even one or two puffs)	2.9 (1.7-4.9)	5.3 (3.3-8.4)	16.3 (9.1-27.5)	19.0 (10.4-32.2)	Yes
QN19: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)	0.9 (0.4-2.0)	4.4 (2.2-8.3)	7.1 (2.7-17.4)	20.0 (7.9-42.2)	Yes
QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)	0.3 (0.1-1.0)	0.7 (0.5-0.9)	0.0	4.0 (0.6-21.9)	Yes
QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)	0.3 (0.1-1.0)	0.7 (0.5-0.9)	0.0	0.9 (0.1-7.1)	Yes
QN20: Percentage of students who smoked more than 10 cigarettes per day (on the days they smoked during the 30 days before the survey, among students who currently smoked cigarettes)	-	-	-	-	

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey Risk Behaviors and Academic Achievement Report

Female Tobacco Use	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QN21: Percentage of students who ever used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo])	10.3 (7.8-13.5)	18.5 (12.4-26.5)	19.6 (11.6-31.3)	41.0 (20.5-65.1)	Yes
QN22: Percentage of students who currently used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo], on at least 1 day during the 30 days before the survey)	3.1 (1.9-5.0)	5.4 (3.0-9.5)	9.5 (3.9-21.3)	13.4 (6.0-27.2)	Yes
QN23: Percentage of students who usually got their own electronic vapor products by buying them in a store (such as a convenience store, supermarket, discount store, gas station, or vape store, during the 30 days before the survey, among students who currently used electronic vapor products)	-	-	-	-	
QN24: Percentage of students who currently used smokeless tobacco (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Redman, Levi Garrett, Beechnut, Skoal, Skoal Bandits, Copenhagen, Camel Snus, Marlboro Snus, General Snus, Ariva, Stonewall, or Camel Orbs], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey)	0.8 (0.4-1.5)	1.4 (0.4-4.8)	0.2 (0.0-1.9)	15.1 (5.2-36.6)	Yes
QN25: Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey)	1.2 (0.5-2.8)	3.5 (1.5-8.0)	2.9 (0.8-10.2)	3.8 (0.6-19.3)	No

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

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2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey
Risk Behaviors and Academic Achievement Report

Female
Tobacco Use

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey)	1.5 (0.8-2.7)	5.4 (3.0-9.6)	7.3 (2.9-17.5)	22.5 (10.2-42.6)	Yes
QNTB3: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco (on at least 1 day during the 30 days before the survey)	1.8 (1.1-3.0)	5.5 (3.0-9.7)	7.3 (2.9-17.5)	33.2 (17.7-53.6)	Yes
QNTB4: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco or electronic vapor products (on at least 1 day during the 30 days before the survey)	4.4 (3.1-6.2)	7.1 (4.2-11.6)	15.3 (7.7-28.3)	34.4 (17.7-56.1)	Yes

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey Risk Behaviors and Academic Achievement Report

**Female
Alcohol/Other Drug Use**

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QN26: Percentage of students who ever drank alcohol (other than a few sips)	13.9 (11.0-17.3)	29.9 (22.5-38.5)	39.0 (26.9-52.5)	57.6 (35.2-77.2)	Yes
QN27: Percentage of students who drank alcohol for the first time before age 11 years (other than a few sips)	4.8 (3.1-7.2)	9.6 (5.2-17.1)	13.9 (6.2-28.5)	-	
QN28: Percentage of students who ever used marijuana	3.0 (1.7-5.1)	7.6 (5.0-11.4)	16.6 (8.8-29.1)	32.9 (18.6-51.3)	Yes
QN29: Percentage of students who tried marijuana for the first time before age 11 years	1.3 (0.6-3.0)	2.3 (1.2-4.5)	3.4 (1.0-10.8)	3.8 (0.6-20.8)	No
QN30: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase)	1.4 (0.7-2.7)	3.2 (1.5-6.5)	3.7 (1.1-11.7)	3.8 (0.8-16.3)	No
QN31: Percentage of students who ever used inhalants (sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high)	3.2 (2.0-4.9)	8.9 (6.0-13.0)	15.4 (7.7-28.3)	27.1 (16.3-41.6)	Yes
QN32: Percentage of students who ever took steroids without a doctor's prescription (pills or shots)	0.1 (0.0-1.1)	3.4 (1.4-8.1)	1.5 (0.2-10.3)	1.5 (0.3-6.7)	Yes

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey
Risk Behaviors and Academic Achievement Report

Female Alcohol/Other Drug Use		Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
		A's	B's	C's	D's/F's	
Health Risk Behavior		% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QN33: Percentage of students who ever took prescription pain medicine without a doctor's prescription or differently than how a doctor told them to use it (counting drugs such as codeine, Vicodin, Oxycontin, hydrocodone, and Percocet)		2.0 (1.3-3.0)	6.1 (3.4-10.6)	2.9 (0.8-9.2)	11.8 (4.4-28.3)	Yes

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey
Risk Behaviors and Academic Achievement Report

Female
Dietary Behaviors

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QN38: Percentage of students who described themselves as slightly or very overweight	27.6 (22.3-33.6)	32.4 (27.7-37.5)	42.3 (29.1-56.8)	36.2 (18.0-59.5)	No
QN39: Percentage of students who were trying to lose weight	53.2 (48.0-58.4)	56.7 (51.3-61.9)	50.9 (40.1-61.7)	54.7 (31.4-76.1)	No
QN40: Percentage of students who did not eat breakfast (during the 7 days before the survey)	9.9 (7.3-13.3)	12.3 (7.6-19.4)	11.7 (6.3-20.5)	13.0 (6.1-25.5)	No
QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey)	45.4 (39.0-51.9)	41.0 (33.3-49.1)	38.3 (27.1-50.9)	47.9 (35.6-60.5)	No

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey Risk Behaviors and Academic Achievement Report

**Female
Physical Activity**

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QN41: Percentage of students who were physically active at least 60 minutes per day on 5 or more days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)	64.7 (59.1-69.9)	60.5 (50.7-69.5)	38.0 (26.8-50.7)	53.7 (33.1-73.1)	Yes
QNPA0DAY: Percentage of students who did not participate in at least 60 minutes of physical activity on at least 1 day (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)	6.5 (4.8-8.8)	10.6 (6.9-15.9)	18.3 (10.4-30.0)	8.3 (2.7-22.9)	Yes
QNPA7DAY: Percentage of students who were physically active at least 60 minutes per day on all 7 days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)	39.7 (34.4-45.3)	40.8 (32.6-49.7)	18.1 (10.5-29.5)	23.5 (11.6-41.9)	Yes
QN42: Percentage of students who watched television 3 or more hours per day (on an average school day)	24.7 (21.0-28.9)	30.5 (21.6-41.0)	37.1 (26.5-49.1)	56.2 (36.3-74.3)	Yes
QN43: Percentage of students who played video or computer games or used a computer 3 or more hours per day (counting time spent on things such as Xbox, PlayStation, an iPad or other tablet, a smartphone, texting, YouTube, Instagram, Facebook, or other social media, for something that was not school work, on an average school day)	44.2 (38.9-49.6)	49.3 (43.0-55.6)	53.7 (43.2-63.9)	55.2 (37.8-71.4)	No
QN44: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school)	73.3 (68.8-77.3)	72.5 (62.6-80.6)	67.0 (49.5-80.7)	66.3 (39.5-85.6)	No

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey Risk Behaviors and Academic Achievement Report

**Female
Physical Activity**

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school)	57.6 (50.6-64.2)	52.6 (40.8-64.2)	40.0 (25.1-57.1)	34.8 (18.7-55.3)	No
QN45: Percentage of students who played on at least one sports team (counting any teams run by their school or community groups, during the past 12 months before the survey)	65.6 (60.1-70.7)	65.3 (56.7-73.0)	39.5 (28.1-52.2)	12.7 (4.7-29.9)	Yes
QN46: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey)	12.2 (9.2-16.0)	16.5 (11.5-23.2)	22.3 (13.0-35.5)	28.9 (12.9-52.8)	No
QN48: Percentage of students who got 8 or more hours of sleep (on an average school night)	52.7 (47.7-57.6)	38.6 (30.5-47.4)	29.6 (19.3-42.4)	50.7 (28.5-72.6)	Yes

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey
Risk Behaviors and Academic Achievement Report

Female Other	Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
		A's % 95% CI†	B's % 95% CI	C's % 95% CI	D's/F's % 95% CI	
	QN47: Percentage of students who had ever been told by a doctor or nurse that they had asthma	16.6 (13.4-20.4)	21.1 (16.1-27.3)	29.3 (18.0-43.9)	21.3 (11.0-37.1)	No

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey
Risk Behaviors and Academic Achievement Report

Female
Site-Added

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QN50: Percentage of students who saw a doctor or nurse (for a check-up or physical exam when they were not sick or injured during the 12 months before the survey)	68.2 (63.3-72.8)	64.0 (55.7-71.5)	46.6 (35.6-58.0)	51.3 (37.5-64.8)	Yes
QN51: Percentage of students who would feel comfortable seeking help from one or more adults besides their parents if they had an important question affecting their life	86.3 (82.0-89.7)	75.4 (67.6-81.8)	74.7 (63.5-83.3)	58.3 (39.0-75.4)	Yes

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey Risk Behaviors and Academic Achievement Report

Black* Unintentional Injuries/Violence Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association†
	A's	B's	C's	D's/F's	
	% 95% CI‡	% 95% CI	% 95% CI	% 95% CI	
QN6: Percentage of students who rarely or never wore a bicycle helmet (among students who had ridden a bicycle)	53.6 (40.8-65.9)	-	-	-	
QN7: Percentage of students who rarely or never wore a helmet when rollerblading or skateboarding (among students who used rollerblades or rode a skateboard)	-	-	-	-	
QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car)	6.7 (1.4-27.1)	-	-	-	
QN9: Percentage of students who ever rode with a driver who had been drinking alcohol (in a car)	17.7 (8.3-33.8)	-	-	-	
QN10: Percentage of students who ever carried a weapon (such as a gun, knife, or club)	22.8 (14.5-34.1)	-	-	-	
QN11: Percentage of students who were ever in a physical fight	38.0 (25.0-53.0)	-	-	-	
QN12: Percentage of students who were ever bullied on school property	47.0 (31.6-62.9)	-	-	-	

*Non-Hispanic.

†Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

‡Confidence interval.

- = Fewer than 30 students in this subgroup.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey
Risk Behaviors and Academic Achievement Report

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association†
	A's	B's	C's	D's/F's	
	% 95% CI‡	% 95% CI	% 95% CI	% 95% CI	
QN13: Percentage of students who were ever electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media)	34.1 (19.7-52.3)	-	-	-	
QN14: Percentage of students who ever seriously thought about killing themselves	23.3 (14.3-35.5)	-	-	-	
QN15: Percentage of students who ever made a plan about how they would kill themselves	13.9 (7.0-25.6)	-	-	-	
QN16: Percentage of students who ever tried to kill themselves	7.8 (3.5-16.3)	-	-	-	

*Non-Hispanic.

†Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

‡Confidence interval.

- = Fewer than 30 students in this subgroup.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey Risk Behaviors and Academic Achievement Report

Black* Tobacco Use	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association†
	A's	B's	C's	D's/F's	
	% 95% CI‡	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QN17: Percentage of students who ever tried cigarette smoking (even one or two puffs)	5.7 (1.2-23.2)	-	-	-	
QN18: Percentage of students who tried cigarette smoking for the first time before age 11 years (even one or two puffs)	0.0	-	-	-	
QN19: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)	1.7 (0.2-12.2)	-	-	-	
QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)	0.0	-	-	-	
QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)	0.0	-	-	-	
QN21: Percentage of students who ever used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo])	13.0 (5.4-28.3)	-	-	-	

*Non-Hispanic.

†Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

‡Confidence interval.

- = Fewer than 30 students in this subgroup.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey Risk Behaviors and Academic Achievement Report

Black* Tobacco Use	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association†
	A's	B's	C's	D's/F's	
	% 95% CI‡	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QN22: Percentage of students who currently used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo], on at least 1 day during the 30 days before the survey)	3.4 (0.6-15.7)	-	-	-	
QN24: Percentage of students who currently used smokeless tobacco (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Redman, Levi Garrett, Beechnut, Skoal, Skoal Bandits, Copenhagen, Camel Snus, Marlboro Snus, General Snus, Ariva, Stonewall, or Camel Orbs], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey)	6.0 (2.5-13.9)	-	-	-	
QN25: Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey)	4.8 (1.3-16.7)	-	-	-	
QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey)	6.6 (2.1-18.8)	-	-	-	
QNTB3: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco (on at least 1 day during the 30 days before the survey)	9.7 (4.3-20.6)	-	-	-	
QNTB4: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco or electronic vapor products (on at least 1 day during the 30 days before the survey)	11.8 (4.7-26.8)	-	-	-	

*Non-Hispanic.

†Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

‡Confidence interval.

- = Fewer than 30 students in this subgroup.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey Risk Behaviors and Academic Achievement Report

Black* Alcohol/Other Drug Use	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association†
	A's	B's	C's	D's/F's	
	% 95% CI‡	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QN26: Percentage of students who ever drank alcohol (other than a few sips)	13.7 (6.1-28.0)	-	-	-	
QN27: Percentage of students who drank alcohol for the first time before age 11 years (other than a few sips)	4.4 (1.8-10.4)	-	-	-	
QN28: Percentage of students who ever used marijuana	10.2 (3.4-26.7)	-	-	-	
QN29: Percentage of students who tried marijuana for the first time before age 11 years	2.9 (0.6-13.2)	-	-	-	
QN30: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase)	3.1 (0.7-11.8)	-	-	-	
QN31: Percentage of students who ever used inhalants (sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high)	7.1 (4.7-10.4)	-	-	-	
QN32: Percentage of students who ever took steroids without a doctor's prescription (pills or shots)	1.3 (0.1-11.5)	-	-	-	

*Non-Hispanic.

†Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

‡Confidence interval.

- = Fewer than 30 students in this subgroup.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey
Risk Behaviors and Academic Achievement Report

Black* Alcohol/Other Drug Use	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association†
	A's	B's	C's	D's/F's	
Health Risk Behavior	% 95% CI‡	% 95% CI	% 95% CI	% 95% CI	
QN33: Percentage of students who ever took prescription pain medicine without a doctor's prescription or differently than how a doctor told them to use it (counting drugs such as codeine, Vicodin, Oxycontin, hydrocodone, and Percocet)	4.3 (1.8-10.1)	-	-	-	

*Non-Hispanic.

†Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

‡Confidence interval.

- = Fewer than 30 students in this subgroup.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey
Risk Behaviors and Academic Achievement Report

Black* Dietary Behaviors	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association†
	A's	B's	C's	D's/F's	
	% 95% CI‡	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QN38: Percentage of students who described themselves as slightly or very overweight	29.2 (16.7-45.7)	-	-	-	
QN39: Percentage of students who were trying to lose weight	50.7 (37.7-63.6)	-	-	-	
QN40: Percentage of students who did not eat breakfast (during the 7 days before the survey)	6.2 (3.1-12.2)	-	-	-	
QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey)	63.1 (45.8-77.6)	-	-	-	

*Non-Hispanic.

†Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

‡Confidence interval.

- = Fewer than 30 students in this subgroup.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey Risk Behaviors and Academic Achievement Report

Black* Physical Activity Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association†
	A's	B's	C's	D's/F's	
	% 95% CI‡	% 95% CI	% 95% CI	% 95% CI	
QN41: Percentage of students who were physically active at least 60 minutes per day on 5 or more days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)	72.2 (58.0-83.0)	-	-	-	
QNPA0DAY: Percentage of students who did not participate in at least 60 minutes of physical activity on at least 1 day (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)	9.2 (4.4-18.1)	-	-	-	
QNPA7DAY: Percentage of students who were physically active at least 60 minutes per day on all 7 days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)	50.8 (36.4-65.1)	-	-	-	
QN42: Percentage of students who watched television 3 or more hours per day (on an average school day)	30.0 (16.5-48.1)	-	-	-	
QN43: Percentage of students who played video or computer games or used a computer 3 or more hours per day (counting time spent on things such as Xbox, PlayStation, an iPad or other tablet, a smartphone, texting, YouTube, Instagram, Facebook, or other social media, for something that was not school work, on an average school day)	46.4 (34.1-59.2)	-	-	-	
QN44: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school)	78.3 (64.0-88.0)	-	-	-	

*Non-Hispanic.

†Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

‡Confidence interval.

- = Fewer than 30 students in this subgroup.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey
Risk Behaviors and Academic Achievement Report

Black* Physical Activity	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association†
	A's	B's	C's	D's/F's	
	% 95% CI‡	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school)	69.4 (53.7-81.6)	-	-	-	
QN45: Percentage of students who played on at least one sports team (counting any teams run by their school or community groups, during the past 12 months before the survey)	67.9 (49.8-81.9)	-	-	-	
QN46: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey)	7.5 (2.6-19.3)	-	-	-	
QN48: Percentage of students who got 8 or more hours of sleep (on an average school night)	64.6 (48.0-78.2)	-	-	-	

*Non-Hispanic.

†Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

‡Confidence interval.

- = Fewer than 30 students in this subgroup.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey
Risk Behaviors and Academic Achievement Report

	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association [†]
	A's	B's	C's	D's/F's	
	% 95% CI [§]	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QN47: Percentage of students who had ever been told by a doctor or nurse that they had asthma	30.5 (21.2-41.7)	-	-	-	

*Non-Hispanic.

[†]Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

[§]Confidence interval.

- = Fewer than 30 students in this subgroup.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey
Risk Behaviors and Academic Achievement Report

Black*
Site-Added

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association†
	A's	B's	C's	D's/F's	
	% 95% CI‡	% 95% CI	% 95% CI	% 95% CI	
QN50: Percentage of students who saw a doctor or nurse (for a check-up or physical exam when they were not sick or injured during the 12 months before the survey)	60.9 (48.3-72.3)	-	-	-	
QN51: Percentage of students who would feel comfortable seeking help from one or more adults besides their parents if they had an important question affecting their life	80.6 (71.3-87.5)	-	-	-	

*Non-Hispanic.

†Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

‡Confidence interval.

- = Fewer than 30 students in this subgroup.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey Risk Behaviors and Academic Achievement Report

Hispanic/Latino

Unintentional Injuries/Violence

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QN6: Percentage of students who rarely or never wore a bicycle helmet (among students who had ridden a bicycle)	69.1 (52.1-82.1)	-	-	-	
QN7: Percentage of students who rarely or never wore a helmet when rollerblading or skateboarding (among students who used rollerblades or rode a skateboard)	-	-	-	-	
QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car)	2.7 (1.9-3.9)	-	-	-	
QN9: Percentage of students who ever rode with a driver who had been drinking alcohol (in a car)	7.0 (1.6-25.8)	-	-	-	
QN10: Percentage of students who ever carried a weapon (such as a gun, knife, or club)	24.4 (12.9-41.2)	-	-	-	
QN11: Percentage of students who were ever in a physical fight	27.4 (16.4-42.0)	-	-	-	
QN12: Percentage of students who were ever bullied on school property	43.8 (25.3-64.2)	-	-	-	

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey Risk Behaviors and Academic Achievement Report

Hispanic/Latino

Unintentional Injuries/Violence

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QN13: Percentage of students who were ever electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media)	19.1 (8.9-36.3)	-	-	-	
QN14: Percentage of students who ever seriously thought about killing themselves	22.9 (11.7-39.9)	-	-	-	
QN15: Percentage of students who ever made a plan about how they would kill themselves	13.8 (6.2-28.0)	-	-	-	
QN16: Percentage of students who ever tried to kill themselves	4.2 (1.0-15.9)	-	-	-	

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey Risk Behaviors and Academic Achievement Report

**Hispanic/Latino
Tobacco Use**

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QN17: Percentage of students who ever tried cigarette smoking (even one or two puffs)	10.0 (3.6-25.3)	-	-	-	
QN18: Percentage of students who tried cigarette smoking for the first time before age 11 years (even one or two puffs)	6.6 (1.5-24.8)	-	-	-	
QN19: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)	1.7 (0.2-11.9)	-	-	-	
QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)	1.7 (0.2-11.9)	-	-	-	
QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)	1.7 (0.2-11.9)	-	-	-	
QN20: Percentage of students who smoked more than 10 cigarettes per day (on the days they smoked during the 30 days before the survey, among students who currently smoked cigarettes)	-	-	-	-	

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey Risk Behaviors and Academic Achievement Report

**Hispanic/Latino
Tobacco Use**

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QN21: Percentage of students who ever used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo])	8.9 (3.6-20.3)	-	-	-	
QN22: Percentage of students who currently used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo], on at least 1 day during the 30 days before the survey)	1.6 (0.2-11.6)	-	-	-	
QN23: Percentage of students who usually got their own electronic vapor products by buying them in a store (such as a convenience store, supermarket, discount store, gas station, or vape store, during the 30 days before the survey, among students who currently used electronic vapor products)	-	-	-	-	
QN24: Percentage of students who currently used smokeless tobacco (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Redman, Levi Garrett, Beechnut, Skoal, Skoal Bandits, Copenhagen, Camel Snus, Marlboro Snus, General Snus, Ariva, Stonewall, or Camel Orbs], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey)	1.5 (0.2-11.4)	-	-	-	
QN25: Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey)	1.5 (0.2-11.4)	-	-	-	

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

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2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey
Risk Behaviors and Academic Achievement Report

Hispanic/Latino
Tobacco Use

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey)	1.7 (0.2-11.9)	-	-	-	
QNTB3: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco (on at least 1 day during the 30 days before the survey)	1.7 (0.2-11.9)	-	-	-	
QNTB4: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco or electronic vapor products (on at least 1 day during the 30 days before the survey)	1.7 (0.2-12.1)	-	-	-	

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey Risk Behaviors and Academic Achievement Report

Hispanic/Latino
Alcohol/Other Drug Use

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QN26: Percentage of students who ever drank alcohol (other than a few sips)	23.7 (12.3-40.7)	-	-	-	
QN27: Percentage of students who drank alcohol for the first time before age 11 years (other than a few sips)	10.8 (3.8-27.2)	-	-	-	
QN28: Percentage of students who ever used marijuana	3.2 (0.7-12.5)	-	-	-	
QN29: Percentage of students who tried marijuana for the first time before age 11 years	1.7 (0.2-12.6)	-	-	-	
QN30: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase)	0.0	-	-	-	
QN31: Percentage of students who ever used inhalants (sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high)	6.3 (1.4-24.1)	-	-	-	
QN32: Percentage of students who ever took steroids without a doctor's prescription (pills or shots)	0.0	-	-	-	

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey
Risk Behaviors and Academic Achievement Report

Hispanic/Latino
Alcohol/Other Drug Use

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QN33: Percentage of students who ever took prescription pain medicine without a doctor's prescription or differently than how a doctor told them to use it (counting drugs such as codeine, Vicodin, Oxycontin, hydrocodone, and Percocet)	0.0	-	-	-	

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey Risk Behaviors and Academic Achievement Report

**Hispanic/Latino
Dietary Behaviors**

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QN38: Percentage of students who described themselves as slightly or very overweight	33.8 (19.1-52.5)	-	-	-	
QN39: Percentage of students who were trying to lose weight	50.2 (34.1-66.3)	-	-	-	
QN40: Percentage of students who did not eat breakfast (during the 7 days before the survey)	12.7 (4.7-29.8)	-	-	-	
QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey)	56.0 (41.0-69.9)	-	-	-	

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey Risk Behaviors and Academic Achievement Report

**Hispanic/Latino
Physical Activity**

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QN41: Percentage of students who were physically active at least 60 minutes per day on 5 or more days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)	51.7 (34.8-68.2)	-	-	-	
QNPA0DAY: Percentage of students who did not participate in at least 60 minutes of physical activity on at least 1 day (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)	6.3 (1.9-18.8)	-	-	-	
QNPA7DAY: Percentage of students who were physically active at least 60 minutes per day on all 7 days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)	44.5 (27.7-62.8)	-	-	-	
QN42: Percentage of students who watched television 3 or more hours per day (on an average school day)	23.8 (11.2-43.5)	-	-	-	
QN43: Percentage of students who played video or computer games or used a computer 3 or more hours per day (counting time spent on things such as Xbox, PlayStation, an iPad or other tablet, a smartphone, texting, YouTube, Instagram, Facebook, or other social media, for something that was not school work, on an average school day)	52.9 (38.5-66.7)	-	-	-	
QN44: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school)	72.4 (60.4-81.9)	-	-	-	

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey Risk Behaviors and Academic Achievement Report

**Hispanic/Latino
Physical Activity**

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school)	62.0 (49.3-73.2)	-	-	-	
QN45: Percentage of students who played on at least one sports team (counting any teams run by their school or community groups, during the past 12 months before the survey)	65.4 (47.9-79.5)	-	-	-	
QN46: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey)	21.1 (11.8-34.7)	-	-	-	
QN48: Percentage of students who got 8 or more hours of sleep (on an average school night)	61.7 (44.7-76.2)	-	-	-	

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

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2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey
Risk Behaviors and Academic Achievement Report

Hispanic/Latino
Other

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QN47: Percentage of students who had ever been told by a doctor or nurse that they had asthma	26.4 (14.6-42.9)	-	-	-	

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

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2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey
Risk Behaviors and Academic Achievement Report

Hispanic/Latino
Site-Added

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QN50: Percentage of students who saw a doctor or nurse (for a check-up or physical exam when they were not sick or injured during the 12 months before the survey)	69.7 (52.8-82.5)	-	-	-	
QN51: Percentage of students who would feel comfortable seeking help from one or more adults besides their parents if they had an important question affecting their life	86.6 (74.0-93.6)	-	-	-	

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

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2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey Risk Behaviors and Academic Achievement Report

White* Unintentional Injuries/Violence	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association†
	A's	B's	C's	D's/F's	
	% 95% CI‡	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QN6: Percentage of students who rarely or never wore a bicycle helmet (among students who had ridden a bicycle)	59.9 (56.3-63.5)	76.5 (70.0-82.0)	75.1 (63.5-84.0)	83.3 (66.7-92.6)	Yes
QN7: Percentage of students who rarely or never wore a helmet when rollerblading or skateboarding (among students who used rollerblades or rode a skateboard)	76.1 (69.7-81.5)	82.2 (72.1-89.2)	79.4 (65.5-88.7)	-	
QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car)	1.8 (1.1-3.0)	5.3 (3.4-8.3)	6.4 (3.3-12.0)	16.4 (8.8-28.4)	Yes
QN9: Percentage of students who ever rode with a driver who had been drinking alcohol (in a car)	11.4 (9.3-13.9)	17.2 (13.4-21.7)	21.7 (14.8-30.7)	30.6 (19.8-44.1)	Yes
QN10: Percentage of students who ever carried a weapon (such as a gun, knife, or club)	33.2 (28.6-38.3)	44.2 (38.2-50.4)	54.8 (46.6-62.7)	68.7 (55.7-79.3)	Yes
QN11: Percentage of students who were ever in a physical fight	29.3 (26.0-32.8)	49.4 (44.6-54.2)	63.7 (53.7-72.6)	78.5 (63.1-88.6)	Yes
QN12: Percentage of students who were ever bullied on school property	41.2 (36.2-46.4)	50.0 (41.3-58.7)	55.1 (46.3-63.5)	50.6 (34.8-66.3)	Yes

*Non-Hispanic.

†Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

‡Confidence interval.

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2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey
Risk Behaviors and Academic Achievement Report

White* Unintentional Injuries/Violence		Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association†
		A's	B's	C's	D's/F's	
Health Risk Behavior		% 95% CI‡	% 95% CI	% 95% CI	% 95% CI	
QN13: Percentage of students who were ever electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media)		24.7 (20.7-29.2)	28.4 (23.4-34.0)	37.6 (28.1-48.0)	41.0 (26.1-57.7)	Yes
QN14: Percentage of students who ever seriously thought about killing themselves		14.4 (11.5-17.9)	24.5 (19.0-31.0)	28.1 (20.1-37.8)	37.7 (23.1-54.9)	Yes
QN15: Percentage of students who ever made a plan about how they would kill themselves		8.7 (7.0-10.7)	17.0 (12.0-23.5)	20.5 (13.7-29.4)	27.7 (15.7-44.1)	Yes
QN16: Percentage of students who ever tried to kill themselves		4.1 (2.9-5.9)	11.9 (7.9-17.5)	12.2 (7.9-18.5)	21.3 (10.6-38.2)	Yes

*Non-Hispanic.

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‡Confidence interval.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey Risk Behaviors and Academic Achievement Report

White* Tobacco Use	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association†
	A's	B's	C's	D's/F's	
	% 95% CI‡	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QN17: Percentage of students who ever tried cigarette smoking (even one or two puffs)	6.9 (5.4-8.8)	17.0 (12.2-23.3)	36.0 (27.9-45.1)	49.4 (32.1-66.9)	Yes
QN18: Percentage of students who tried cigarette smoking for the first time before age 11 years (even one or two puffs)	2.9 (1.9-4.4)	5.4 (3.4-8.5)	13.0 (7.8-20.7)	22.0 (13.0-34.7)	Yes
QN19: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)	1.0 (0.6-1.7)	4.7 (3.2-6.9)	8.2 (4.2-15.5)	16.3 (9.1-27.3)	Yes
QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)	0.3 (0.1-0.8)	1.2 (0.7-2.2)	0.0	3.4 (0.7-14.4)	Yes
QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)	0.3 (0.1-0.8)	1.0 (0.3-3.5)	0.0	1.3 (0.2-10.2)	Yes
QN20: Percentage of students who smoked more than 10 cigarettes per day (on the days they smoked during the 30 days before the survey, among students who currently smoked cigarettes)	-	-	-	-	

*Non-Hispanic.

†Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

‡Confidence interval.

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2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey Risk Behaviors and Academic Achievement Report

White* Tobacco Use	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association†
	A's	B's	C's	D's/F's	
	% 95% CI‡	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QN21: Percentage of students who ever used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo])	11.2 (8.7-14.3)	21.2 (17.1-25.9)	28.9 (21.5-37.7)	48.2 (34.9-61.7)	Yes
QN22: Percentage of students who currently used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo], on at least 1 day during the 30 days before the survey)	2.8 (1.8-4.3)	5.3 (3.1-8.9)	11.0 (6.7-17.7)	19.3 (10.7-32.4)	Yes
QN23: Percentage of students who usually got their own electronic vapor products by buying them in a store (such as a convenience store, supermarket, discount store, gas station, or vape store, during the 30 days before the survey, among students who currently used electronic vapor products)	-	-	-	-	
QN24: Percentage of students who currently used smokeless tobacco (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Redman, Levi Garrett, Beechnut, Skoal, Skoal Bandits, Copenhagen, Camel Snus, Marlboro Snus, General Snus, Ariva, Stonewall, or Camel Orbs], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey)	1.6 (0.8-3.4)	4.0 (2.6-6.0)	8.1 (4.4-14.2)	19.4 (9.5-35.4)	Yes
QN25: Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey)	1.1 (0.6-2.2)	4.1 (2.7-6.1)	4.1 (1.7-9.7)	8.5 (3.3-20.2)	Yes

*Non-Hispanic.

†Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

‡Confidence interval.

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2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey
Risk Behaviors and Academic Achievement Report

White*
Tobacco Use

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association†
	A's	B's	C's	D's/F's	
	% 95% CI‡	% 95% CI	% 95% CI	% 95% CI	
QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey)	1.6 (1.0-2.6)	6.8 (4.9-9.5)	8.8 (4.6-16.3)	17.7 (10.6-28.1)	Yes
QNTB3: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco (on at least 1 day during the 30 days before the survey)	2.8 (1.7-4.4)	8.2 (5.9-11.4)	13.4 (7.8-22.0)	30.6 (21.1-42.1)	Yes
QNTB4: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco or electronic vapor products (on at least 1 day during the 30 days before the survey)	4.8 (3.6-6.4)	10.7 (7.4-15.3)	20.0 (13.1-29.2)	36.6 (24.1-51.2)	Yes

*Non-Hispanic.

†Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

‡Confidence interval.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey Risk Behaviors and Academic Achievement Report

White* Alcohol/Other Drug Use	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association†
	A's	B's	C's	D's/F's	
	% 95% CI‡	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QN26: Percentage of students who ever drank alcohol (other than a few sips)	13.7 (11.5-16.1)	29.0 (23.5-35.0)	40.3 (30.6-50.7)	62.1 (43.0-78.0)	Yes
QN27: Percentage of students who drank alcohol for the first time before age 11 years (other than a few sips)	5.2 (3.8-7.0)	9.7 (6.8-13.7)	14.1 (7.8-24.3)	33.9 (23.9-45.7)	Yes
QN28: Percentage of students who ever used marijuana	2.9 (1.9-4.4)	9.1 (6.3-13.0)	20.6 (13.4-30.3)	32.9 (18.0-52.4)	Yes
QN29: Percentage of students who tried marijuana for the first time before age 11 years	1.0 (0.5-2.3)	2.2 (1.0-4.8)	3.5 (1.2-9.6)	6.2 (2.1-17.1)	No
QN30: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase)	1.0 (0.5-2.0)	2.6 (1.5-4.6)	3.2 (1.1-8.8)	9.7 (4.6-19.6)	Yes
QN31: Percentage of students who ever used inhalants (sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high)	3.5 (2.5-4.8)	7.1 (5.1-9.9)	13.9 (9.0-21.1)	20.9 (10.7-36.9)	Yes
QN32: Percentage of students who ever took steroids without a doctor's prescription (pills or shots)	0.3 (0.1-0.9)	2.7 (1.4-5.4)	4.0 (1.5-10.0)	3.7 (0.8-15.2)	Yes

*Non-Hispanic.

†Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

‡Confidence interval.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey
Risk Behaviors and Academic Achievement Report

White* Alcohol/Other Drug Use	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association†
	A's	B's	C's	D's/F's	
	% 95% CI‡	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QN33: Percentage of students who ever took prescription pain medicine without a doctor's prescription or differently than how a doctor told them to use it (counting drugs such as codeine, Vicodin, Oxycontin, hydrocodone, and Percocet)	2.2 (1.5-3.2)	4.5 (2.9-6.8)	5.1 (2.1-12.0)	5.5 (2.4-12.0)	No

*Non-Hispanic.

†Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

‡Confidence interval.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey
Risk Behaviors and Academic Achievement Report

White*
Dietary Behaviors

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association†
	A's	B's	C's	D's/F's	
	% 95% CI‡	% 95% CI	% 95% CI	% 95% CI	
QN38: Percentage of students who described themselves as slightly or very overweight	25.1 (21.2-29.4)	29.8 (24.8-35.3)	37.4 (28.3-47.5)	36.0 (26.1-47.4)	Yes
QN39: Percentage of students who were trying to lose weight	47.5 (43.7-51.5)	46.7 (41.0-52.5)	47.8 (36.1-59.7)	40.9 (28.7-54.4)	No
QN40: Percentage of students who did not eat breakfast (during the 7 days before the survey)	8.5 (6.4-11.3)	9.0 (6.0-13.3)	9.3 (4.9-16.9)	10.5 (4.5-22.6)	No
QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey)	49.7 (44.6-54.7)	48.3 (42.3-54.3)	46.7 (36.9-56.7)	42.0 (31.2-53.6)	No

*Non-Hispanic.

†Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

‡Confidence interval.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey Risk Behaviors and Academic Achievement Report

White* Physical Activity	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association†
	A's	B's	C's	D's/F's	
	% 95% CI‡	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QN41: Percentage of students who were physically active at least 60 minutes per day on 5 or more days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)	70.3 (65.6-74.6)	59.5 (52.1-66.6)	53.6 (44.7-62.2)	54.4 (39.0-69.0)	Yes
QNPA0DAY: Percentage of students who did not participate in at least 60 minutes of physical activity on at least 1 day (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)	6.3 (4.4-8.9)	11.3 (7.7-16.3)	12.7 (8.8-17.9)	10.8 (5.2-21.3)	Yes
QNPA7DAY: Percentage of students who were physically active at least 60 minutes per day on all 7 days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)	46.2 (41.6-50.7)	42.6 (35.3-50.3)	38.7 (29.9-48.3)	34.4 (22.3-49.0)	No
QN42: Percentage of students who watched television 3 or more hours per day (on an average school day)	23.4 (21.1-26.0)	25.8 (20.4-32.0)	32.0 (23.9-41.3)	34.6 (24.2-46.8)	Yes
QN43: Percentage of students who played video or computer games or used a computer 3 or more hours per day (counting time spent on things such as Xbox, PlayStation, an iPad or other tablet, a smartphone, texting, YouTube, Instagram, Facebook, or other social media, for something that was not school work, on an average school day)	44.0 (40.0-48.1)	51.5 (46.4-56.6)	51.7 (42.5-60.7)	62.6 (49.0-74.5)	Yes
QN44: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school)	73.0 (68.2-77.4)	69.0 (61.6-75.6)	67.6 (54.0-78.8)	60.3 (43.3-75.1)	No

*Non-Hispanic.

†Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

‡Confidence interval.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey Risk Behaviors and Academic Achievement Report

White* Physical Activity	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association†
	A's	B's	C's	D's/F's	
	% 95% CI‡	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school)	56.2 (48.9-63.2)	50.5 (42.0-59.0)	47.7 (34.3-61.5)	41.2 (28.4-55.2)	No
QN45: Percentage of students who played on at least one sports team (counting any teams run by their school or community groups, during the past 12 months before the survey)	67.6 (62.8-72.2)	61.1 (52.8-68.8)	48.9 (39.9-58.0)	25.7 (13.4-43.5)	Yes
QN46: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey)	12.8 (9.7-16.8)	19.4 (15.2-24.3)	20.0 (13.4-28.8)	21.0 (10.1-38.6)	Yes
QN48: Percentage of students who got 8 or more hours of sleep (on an average school night)	55.4 (50.9-59.9)	46.6 (40.2-53.1)	39.1 (30.1-48.9)	42.8 (30.5-56.0)	Yes

*Non-Hispanic.

†Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

‡Confidence interval.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey
Risk Behaviors and Academic Achievement Report

White* Other	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association†
	A's	B's	C's	D's/F's	
Health Risk Behavior	% 95% CI‡	% 95% CI	% 95% CI	% 95% CI	
QN47: Percentage of students who had ever been told by a doctor or nurse that they had asthma	16.7 (13.0-21.3)	22.5 (18.5-27.1)	27.9 (20.0-37.4)	21.3 (14.1-30.8)	No

*Non-Hispanic.

†Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

‡Confidence interval.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

West Virginia Middle School Survey
Risk Behaviors and Academic Achievement Report

White*
Site-Added

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association†
	A's	B's	C's	D's/F's	
	% 95% CI‡	% 95% CI	% 95% CI	% 95% CI	
QN50: Percentage of students who saw a doctor or nurse (for a check-up or physical exam when they were not sick or injured during the 12 months before the survey)	66.1 (61.5-70.3)	59.8 (52.9-66.4)	56.3 (45.5-66.6)	45.5 (33.1-58.4)	Yes
QN51: Percentage of students who would feel comfortable seeking help from one or more adults besides their parents if they had an important question affecting their life	85.7 (82.8-88.1)	79.0 (73.0-84.0)	80.9 (70.7-88.2)	62.7 (44.5-77.9)	Yes

*Non-Hispanic.

†Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

‡Confidence interval.