

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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)	76.6 (71.4-81.0)	81.6 (76.7-85.6)	88.6 (83.5-92.3)	82.7 (56.2-94.6)	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)	81.3 (75.2-86.2)	83.5 (78.1-87.8)	79.8 (64.9-89.4)	-	
QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car)	4.1 (2.5-6.9)	5.2 (3.1-8.7)	11.6 (6.5-19.8)	9.4 (3.7-21.6)	Yes
QN9: Percentage of students who ever rode with a driver who had been drinking alcohol (in a car)	16.5 (14.2-19.1)	16.5 (13.1-20.5)	18.2 (13.1-24.8)	15.6 (5.8-35.7)	No
QN10: Percentage of students who ever carried a weapon (such as a gun, knife, or club)	29.7 (26.0-33.7)	35.4 (30.6-40.6)	39.3 (31.8-47.5)	55.0 (34.3-74.0)	No
QN11: Percentage of students who were ever in a physical fight	34.3 (30.4-38.4)	48.8 (42.8-54.8)	55.3 (48.1-62.2)	79.1 (68.4-86.8)	Yes
QN12: Percentage of students who were ever bullied on school property	43.7 (38.8-48.7)	44.8 (40.2-49.5)	46.6 (38.5-55.0)	31.5 (20.2-45.4)	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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					
QN13: Percentage of students who were ever electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media)	24.9 (21.2-29.1)	27.3 (22.2-33.1)	27.1 (20.9-34.3)	22.0 (11.9-37.1)	No
QN14: Percentage of students who ever seriously thought about killing themselves	18.5 (15.7-21.7)	24.6 (19.3-30.8)	24.4 (17.7-32.5)	29.7 (15.4-49.6)	Yes
QN15: Percentage of students who ever made a plan about how they would kill themselves	11.7 (9.7-14.1)	13.9 (10.5-18.2)	16.5 (11.8-22.6)	16.0 (7.4-31.1)	No
QN16: Percentage of students who ever tried to kill themselves	6.3 (4.5-8.8)	10.1 (6.7-14.8)	9.1 (5.0-15.9)	6.1 (2.1-16.1)	No

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

[†] Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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					
QN17: Percentage of students who ever tried cigarette smoking (even one or two puffs)	10.8 (7.9-14.6)	15.7 (12.1-20.1)	24.9 (17.9-33.5)	37.6 (22.1-56.1)	Yes
QN18: Percentage of students who tried cigarette smoking for the first time before age 11 years (even one or two puffs)	5.9 (3.8-9.1)	6.3 (4.3-9.1)	11.8 (7.2-18.7)	14.0 (6.4-27.9)	No
QN19: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)	1.3 (0.6-2.9)	4.2 (2.6-6.5)	6.8 (3.0-14.8)	23.3 (13.5-37.2)	Yes
QNFRICIG: 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)	0.8 (0.3-2.3)	0.0	5.4 (1.5-17.3)	Yes
QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)	0.2 (0.0-0.7)	0.8 (0.3-2.3)	0.0	5.4 (1.5-17.3)	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)	-	-	-	-	
QN21: Percentage of students who ever used an electronic vapor product	23.9 (19.8-28.5)	32.3 (27.6-37.4)	42.3 (32.4-52.9)	54.5 (40.6-67.8)	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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					
QN22: Percentage of students who currently used an electronic vapor product (on at least 1 day during the 30 days before the survey)	12.5 (9.5-16.3)	18.3 (14.3-23.1)	24.3 (15.3-36.3)	38.3 (26.5-51.6)	Yes
QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey)	0.7 (0.2-2.7)	1.8 (0.9-3.5)	4.1 (1.8-9.1)	7.1 (3.0-15.7)	Yes
QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey)	0.6 (0.1-2.9)	1.6 (0.7-3.3)	0.5 (0.1-3.8)	1.6 (0.2-13.0)	No
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)	4.7 (1.6-13.2)	7.7 (3.0-18.0)	13.4 (5.1-30.8)	-	
QN24: Percentage of students who currently used smokeless tobacco (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey)	2.5 (1.4-4.4)	3.0 (1.7-5.4)	6.7 (3.5-12.6)	13.7 (5.8-29.0)	No
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 (0.9-2.4)	3.4 (2.0-5.6)	6.9 (3.6-12.9)	17.0 (11.1-25.2)	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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)	2.5 (1.5-4.0)	6.3 (4.3-9.2)	10.2 (5.6-17.7)	27.6 (16.6-42.2)	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)	4.1 (2.6-6.2)	7.1 (4.9-10.2)	13.9 (7.6-24.0)	34.8 (24.3-47.1)	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)	14.3 (10.8-18.7)	20.1 (16.1-24.9)	26.8 (17.7-38.5)	46.0 (36.2-56.2)	Yes
QNTB5: Percentage of students who currently smoked cigarettes or used electronic vapor products (on at least 1 day during the 30 days before the survey)	13.2 (9.8-17.4)	18.6 (14.7-23.1)	25.0 (16.1-36.7)	41.8 (30.6-53.8)	Yes

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

[†] Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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)	17.0 (14.8-19.3)	25.0 (20.3-30.4)	27.3 (21.4-34.2)	47.8 (35.8-60.0)	Yes
QN27: Percentage of students who drank alcohol for the first time before age 11 years (other than a few sips)	8.1 (6.5-10.1)	11.4 (8.7-14.8)	12.3 (7.8-18.7)	29.0 (18.6-42.1)	Yes
QN28: Percentage of students who ever used marijuana	5.2 (3.9-6.9)	9.8 (6.8-13.9)	14.7 (8.1-25.2)	28.1 (18.8-39.7)	Yes
QN29: Percentage of students who tried marijuana for the first time before age 11 years	1.2 (0.7-2.3)	2.0 (1.0-3.8)	4.5 (1.8-10.7)	8.8 (3.0-23.4)	Yes
QN30: 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)	6.6 (5.1-8.5)	10.8 (7.6-15.0)	13.3 (9.2-18.9)	13.7 (6.2-27.6)	Yes
QN31: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase)	1.0 (0.4-2.3)	2.1 (1.1-4.2)	5.3 (1.8-14.5)	4.9 (1.4-15.9)	Yes
QN32: Percentage of students who ever used inhalants (sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high)	6.5 (4.2-9.9)	8.7 (6.8-11.3)	5.0 (2.6-9.3)	8.0 (3.5-17.5)	No

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

† Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey
Risk Behaviors and Academic Achievement Report

Total
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 steroids without a doctor's prescription (pills or shots)	0.9 (0.4-2.0)	2.7 (1.4-5.0)	3.7 (2.0-6.7)	0.0	Yes

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

† Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

**Total
Sexual 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	
QN34: Percentage of students who ever had sexual intercourse	3.8 (2.3-6.2)	10.9 (7.6-15.2)	12.9 (7.5-21.2)	14.1 (4.4-37.2)	Yes
QN35: Percentage of students who had sexual intercourse for the first time before age 11 years	1.0 (0.4-2.6)	2.5 (1.3-4.8)	3.5 (1.7-7.1)	5.1 (1.3-18.2)	No
QN36: Percentage of students who ever had sexual intercourse with three or more persons	0.5 (0.2-1.4)	2.2 (1.0-4.7)	4.0 (1.5-10.0)	5.4 (1.2-21.7)	Yes
QN37: Percentage of students who used a condom during last sexual intercourse (among students who ever had sexual intercourse)	-	59.7 (44.7-73.1)	-	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

Total 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	30.6 (27.2-34.2)	30.8 (26.6-35.3)	36.0 (27.7-45.3)	39.3 (24.9-56.0)	No
QN39: Percentage of students who were trying to lose weight	48.2 (43.6-52.9)	51.0 (45.9-56.1)	52.0 (46.7-57.3)	55.5 (39.4-70.5)	No
QN40: Percentage of students who did not eat breakfast (during the 7 days before the survey)	10.9 (8.3-14.1)	10.9 (8.5-13.9)	15.0 (9.7-22.6)	20.3 (11.4-33.6)	No
QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey)	41.7 (36.1-47.5)	41.4 (36.4-46.5)	39.5 (32.4-47.1)	32.5 (17.3-52.5)	No

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

[†] Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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)	45.2 (40.8-49.6)	42.9 (37.7-48.3)	39.9 (31.0-49.5)	34.9 (22.9-49.2)	No
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)	13.2 (9.7-17.8)	14.6 (12.0-17.7)	14.5 (9.1-22.3)	20.1 (11.9-32.0)	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)	22.5 (18.8-26.6)	23.7 (19.2-29.0)	17.8 (11.0-27.6)	20.4 (11.8-33.1)	No
QN42: Percentage of students who watched television 3 or more hours per day (on an average school day)	23.7 (19.8-28.2)	27.8 (22.5-33.8)	31.0 (23.6-39.6)	36.0 (24.7-49.0)	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 playing games, watching videos, texting, or using social media on their smartphone, computer, Xbox, PlayStation, iPad, or other tablet, for something that was not school work, on an average school day)	49.8 (44.4-55.2)	50.4 (44.9-55.8)	60.7 (52.2-68.6)	56.1 (41.5-69.7)	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)	34.3 (28.5-40.6)	40.7 (33.2-48.6)	50.3 (41.5-59.1)	30.6 (18.5-46.2)	No

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

† Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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					
QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school)	25.3 (19.3-32.4)	30.5 (23.8-38.1)	35.3 (26.6-45.0)	20.0 (10.4-35.0)	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)	60.7 (54.5-66.5)	55.2 (49.6-60.7)	45.5 (38.3-52.9)	32.4 (20.2-47.6)	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)	15.3 (13.0-17.8)	17.7 (13.6-22.8)	23.7 (18.8-29.4)	34.6 (19.9-52.9)	Yes
QN48: Percentage of students who got 8 or more hours of sleep (on an average school night)	48.0 (44.0-52.1)	42.5 (37.0-48.2)	39.9 (33.0-47.2)	31.7 (20.6-45.4)	No

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

[†] Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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	
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	18.4 (15.0-22.3)	21.2 (18.1-24.6)	21.2 (15.0-29.3)	30.4 (19.1-44.7)	No

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

† Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

Total Site-Added	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					
QN50: Percentage of students who did something to purposely hurt themselves without wanting to die (such as cutting or burning themselves on purpose one or more times during the 12 months before the survey)	17.1 (14.7-19.8)	21.4 (17.8-25.4)	24.5 (18.6-31.4)	27.8 (14.1-47.5)	Yes
QN51: Percentage of students who smoked cigarettes on school property (on at least 1 day during the 30 days before the survey)	1.2 (0.7-2.0)	2.9 (1.6-5.3)	2.2 (1.1-4.3)	4.5 (1.2-16.2)	No
QN52: Percentage of students who used an electronic vapor product on school property (on at least 1 day during the 30 days before the survey)	5.0 (3.2-7.7)	7.0 (4.6-10.6)	12.0 (7.2-19.4)	16.4 (7.2-33.4)	Yes
QN53: Percentage of students who had oral sex	7.4 (5.7-9.6)	13.0 (10.0-16.7)	14.0 (10.0-19.2)	4.2 (1.0-16.7)	Yes
QN54: Percentage of students who did not drink a bottle or glass of plain water (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey)	5.2 (4.1-6.7)	7.4 (5.3-10.2)	4.8 (2.7-8.4)	15.6 (6.0-34.9)	No
QN55: Percentage of students who reported that some of their classroom teachers provide short physical activity breaks during regular class time (not counting their physical education teacher)	18.8 (15.4-22.8)	22.4 (17.1-28.8)	27.4 (17.9-39.6)	26.9 (17.8-38.3)	No

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

† Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

Total Site-Added	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					
QN56: Percentage of students who missed one or more days of school because of their asthma (during the 30 days before the survey, among students who have asthma)	13.0 (8.9-18.6)	11.1 (6.2-19.3)	27.6 (15.2-44.8)	-	
QN57: Percentage of students who reported their mental health was not good (including stress, depression, and problems with emotions, on at least 1 day during the 30 days before the survey)	52.7 (49.1-56.2)	50.0 (45.0-55.0)	52.3 (45.0-59.5)	52.8 (33.1-71.7)	No
QN58: Percentage of students who brushed their teeth on all 7 days (during the 7 days before the survey)	72.0 (67.9-75.7)	68.1 (63.6-72.3)	65.3 (59.2-70.9)	62.2 (48.1-74.5)	No
QN59: Percentage of students who flossed their teeth on all 7 days (during the 7 days before the survey)	18.7 (15.4-22.6)	17.5 (14.1-21.5)	22.4 (17.9-27.7)	20.9 (15.5-27.6)	No
QN60: Percentage of students who did not usually sleep in their parent's or guardian's home (during the 30 days before the survey)	0.7 (0.2-1.8)	2.0 (0.9-4.3)	6.9 (3.4-13.2)	0.0	Yes
QN61: Percentage of students who do not have an adult in their life that they trust and can talk to about serious problems	9.7 (7.9-11.8)	13.6 (10.3-17.8)	17.7 (13.4-23.1)	16.5 (8.4-29.8)	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

Total Site-Added	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					
QN62: Percentage of students who reported their parents or other adults in their family most of the time or always ask where they are going or with whom they will be	79.1 (75.9-82.0)	67.6 (62.3-72.5)	63.3 (54.0-71.7)	61.6 (47.0-74.4)	Yes
QN63: Percentage of students who reported there is at least one teacher or other adult in their school that they can talk to if they have a problem	69.4 (65.5-73.0)	67.8 (62.4-72.7)	58.4 (50.7-65.7)	46.0 (33.8-58.7)	Yes
QNWATER1: Percentage of students who drank a bottle or glass of plain water one or more times per day (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey)	65.6 (61.1-69.8)	58.6 (53.9-63.1)	57.5 (50.5-64.3)	54.3 (41.9-66.3)	No
QNWATER2: Percentage of students who drank a bottle or glass of plain water two or more times per day (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey)	58.0 (53.5-62.4)	51.9 (47.4-56.4)	48.4 (40.7-56.2)	46.0 (33.7-58.9)	Yes
QNWATER3: Percentage of students who drank a bottle or glass of plain water three or more times per day (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey)	42.9 (38.8-47.1)	36.8 (31.5-42.4)	38.9 (32.6-45.6)	36.3 (23.9-50.9)	Yes

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

[†] Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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)	77.7 (71.8-82.6)	82.2 (75.0-87.6)	84.2 (77.7-89.0)	-	
QN7: Percentage of students who rarely or never wore a helmet when rollerblading or skateboarding (among students who used rollerblades or rode a skateboard)	80.2 (67.1-88.9)	80.5 (71.5-87.2)	71.7 (51.4-85.9)	-	
QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car)	6.0 (3.1-11.2)	5.0 (2.6-9.6)	8.9 (4.6-16.7)	8.8 (3.3-21.4)	No
QN9: Percentage of students who ever rode with a driver who had been drinking alcohol (in a car)	17.8 (13.0-23.9)	15.9 (11.2-22.0)	13.9 (8.7-21.5)	17.7 (6.2-40.9)	No
QN10: Percentage of students who ever carried a weapon (such as a gun, knife, or club)	46.2 (38.1-54.6)	43.9 (37.0-51.1)	41.0 (33.6-48.9)	65.9 (43.7-82.8)	No
QN11: Percentage of students who were ever in a physical fight	51.5 (44.2-58.8)	57.3 (48.9-65.2)	62.6 (52.4-71.8)	88.8 (75.8-95.3)	Yes
QN12: Percentage of students who were ever bullied on school property	34.1 (28.8-39.9)	35.2 (29.5-41.3)	34.3 (27.0-42.4)	17.4 (7.5-35.4)	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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)	16.7 (11.9-23.1)	20.0 (14.7-26.7)	15.5 (9.0-25.5)	10.6 (4.3-23.9)	No
QN14: Percentage of students who ever seriously thought about killing themselves	12.7 (9.0-17.6)	17.1 (11.0-25.6)	12.2 (7.5-19.2)	18.9 (8.8-36.1)	No
QN15: Percentage of students who ever made a plan about how they would kill themselves	8.5 (5.6-12.7)	9.2 (5.5-15.1)	7.4 (3.5-15.1)	9.2 (2.8-25.9)	No
QN16: Percentage of students who ever tried to kill themselves	5.1 (3.1-8.4)	5.1 (2.9-8.9)	4.3 (1.4-12.6)	6.8 (2.2-18.8)	No

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

[†] Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

Male Tobacco Use		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		
QN17: Percentage of students who ever tried cigarette smoking (even one or two puffs)	10.7 (7.3-15.5)	14.8 (10.3-20.8)	18.6 (12.4-26.8)	32.8 (19.6-49.3)	Yes	
QN18: Percentage of students who tried cigarette smoking for the first time before age 11 years (even one or two puffs)	5.8 (3.0-10.8)	6.2 (3.9-9.7)	14.0 (8.1-23.1)	11.7 (4.7-26.2)	No	
QN19: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)	0.8 (0.2-2.4)	4.7 (2.8-7.7)	2.5 (0.9-6.2)	23.7 (13.1-39.0)	Yes	
QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)	0.5 (0.1-2.3)	1.5 (0.5-4.3)	0.0	8.5 (2.4-25.6)	Yes	
QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)	0.2 (0.0-1.8)	1.5 (0.5-4.3)	0.0	8.5 (2.4-25.6)	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)	-	-	-	-		
QN21: Percentage of students who ever used an electronic vapor product	24.0 (17.4-32.2)	26.5 (20.5-33.6)	40.6 (31.0-50.9)	47.8 (31.4-64.6)	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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	
QN22: Percentage of students who currently used an electronic vapor product (on at least 1 day during the 30 days before the survey)	11.8 (7.9-17.3)	13.8 (9.3-20.0)	20.0 (14.0-27.7)	33.1 (20.8-48.4)	Yes
QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey)	1.2 (0.2-6.7)	1.7 (0.7-4.1)	3.4 (1.0-11.0)	11.0 (4.3-25.6)	Yes
QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey)	1.0 (0.1-7.6)	1.7 (0.7-4.1)	0.0	2.5 (0.3-20.1)	No
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)	6.7 (1.6-24.6)	7.4 (1.4-31.1)	-	-	
QN24: Percentage of students who currently used smokeless tobacco (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey)	5.0 (3.0-8.2)	3.9 (1.9-7.8)	5.8 (2.6-12.3)	6.5 (1.0-32.0)	No
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)	2.0 (1.0-4.1)	4.4 (2.4-7.8)	4.4 (1.7-10.6)	20.9 (12.0-33.9)	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

Male 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)	2.2 (1.1-4.4)	6.8 (4.2-10.7)	5.9 (2.9-11.7)	26.7 (16.6-40.0)	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)	5.6 (3.5-8.8)	7.6 (4.9-11.6)	8.7 (4.5-16.1)	26.7 (16.6-40.0)	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)	14.6 (10.0-20.7)	16.4 (11.5-22.9)	23.2 (16.2-32.1)	35.9 (24.6-48.9)	Yes
QNTB5: Percentage of students who currently smoked cigarettes or used electronic vapor products (on at least 1 day during the 30 days before the survey)	12.6 (8.5-18.1)	14.2 (10.0-19.9)	21.1 (15.2-28.6)	35.9 (24.6-48.9)	Yes

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

[†] Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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)	16.4 (12.0-21.9)	19.0 (14.1-25.0)	21.5 (14.4-30.9)	52.2 (30.2-73.4)	Yes
QN27: Percentage of students who drank alcohol for the first time before age 11 years (other than a few sips)	10.2 (7.3-14.0)	11.3 (7.6-16.4)	9.8 (5.8-16.1)	-	
QN28: Percentage of students who ever used marijuana	5.0 (3.1-7.9)	6.1 (3.6-9.9)	10.5 (4.7-21.6)	32.7 (20.2-48.3)	Yes
QN29: Percentage of students who tried marijuana for the first time before age 11 years	1.0 (0.3-3.4)	1.1 (0.3-3.7)	4.0 (1.4-10.9)	11.2 (3.6-29.6)	Yes
QN30: 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)	4.9 (2.6-9.3)	7.7 (4.8-12.2)	6.8 (3.0-14.6)	5.7 (1.2-23.6)	No
QN31: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase)	0.0	1.3 (0.4-4.4)	1.4 (0.3-6.5)	7.7 (2.1-24.7)	Yes
QN32: Percentage of students who ever used inhalants (sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high)	7.7 (4.1-13.9)	6.5 (4.2-10.0)	1.8 (0.4-7.7)	7.4 (2.2-22.1)	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey
Risk Behaviors and Academic Achievement Report

Male

Alcohol/Other Drug Use

Percentage of students who engaged in each risk behavior, by
type of grades mostly earned in school

Health Risk Behavior	A's	B's	C's	D's/F's	Significant Association*
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QN33: Percentage of students who ever took steroids without a doctor's prescription (pills or shots)	1.3 (0.4-4.1)	1.3 (0.4-4.0)	2.6 (1.9-3.6)	0.0	Yes

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

† Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

Male
Sexual 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	
QN34: Percentage of students who ever had sexual intercourse	3.3 (1.6-6.7)	13.7 (9.0-20.3)	9.4 (4.2-19.8)	-	
QN35: Percentage of students who had sexual intercourse for the first time before age 11 years	1.7 (0.5-5.5)	3.4 (1.4-7.7)	3.3 (0.9-11.7)	-	
QN36: Percentage of students who ever had sexual intercourse with three or more persons	0.5 (0.1-2.3)	2.5 (1.0-6.1)	2.1 (0.4-10.2)	-	
QN37: Percentage of students who used a condom during last sexual intercourse (among students who ever had sexual intercourse)	-	67.2 (45.3-83.5)	-	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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	29.7 (24.9-35.1)	31.4 (25.1-38.4)	31.4 (23.4-40.6)	32.4 (15.3-56.0)	No
QN39: Percentage of students who were trying to lose weight	38.7 (32.7-45.1)	44.2 (38.0-50.6)	45.7 (39.4-52.1)	43.4 (26.1-62.5)	No
QN40: Percentage of students who did not eat breakfast (during the 7 days before the survey)	10.7 (7.5-15.1)	8.8 (5.5-13.6)	11.0 (5.8-19.9)	12.4 (4.5-29.8)	No
QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey)	48.6 (43.2-54.1)	49.6 (43.6-55.6)	48.7 (38.7-58.8)	28.7 (17.6-43.1)	No

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

† Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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)	50.8 (45.7-56.0)	48.6 (40.6-56.8)	42.6 (32.4-53.5)	37.4 (22.6-54.9)	No
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)	12.3 (8.3-17.8)	14.4 (10.9-18.7)	13.3 (7.5-22.5)	28.2 (16.1-44.7)	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)	28.2 (22.5-34.8)	27.8 (20.6-36.4)	20.0 (11.3-33.0)	28.7 (15.7-46.3)	No
QN42: Percentage of students who watched television 3 or more hours per day (on an average school day)	17.5 (12.4-24.1)	27.9 (21.8-34.9)	26.6 (17.9-37.4)	37.2 (21.9-55.5)	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 playing games, watching videos, texting, or using social media on their smartphone, computer, Xbox, PlayStation, iPad, or other tablet, for something that was not school work, on an average school day)	56.1 (46.9-64.9)	53.8 (47.0-60.5)	65.4 (56.9-72.9)	60.6 (42.8-75.9)	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)	36.5 (29.3-44.3)	42.4 (35.0-50.1)	58.1 (47.7-67.8)	31.5 (17.6-49.8)	Yes

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

† Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

Male 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)	26.1 (19.1-34.6)	31.3 (24.2-39.4)	41.6 (29.7-54.5)	21.6 (10.1-40.5)	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)	60.4 (51.2-69.0)	57.0 (50.1-63.7)	47.8 (38.6-57.2)	30.8 (16.6-49.9)	No
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)	17.1 (13.0-22.2)	18.4 (12.8-25.7)	26.2 (19.6-34.0)	21.5 (11.7-36.1)	No
QN48: Percentage of students who got 8 or more hours of sleep (on an average school night)	50.5 (45.6-55.4)	41.6 (36.2-47.2)	43.3 (35.0-51.9)	26.2 (15.2-41.2)	No

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

[†] Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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	20.9 (16.5-26.1)	21.9 (16.6-28.3)	22.0 (15.5-30.4)	35.6 (23.2-50.3)	No

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

† Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

Male Site-Added	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					
QN50: Percentage of students who did something to purposely hurt themselves without wanting to die (such as cutting or burning themselves on purpose one or more times during the 12 months before the survey)	12.0 (9.1-15.7)	13.5 (10.6-17.0)	16.0 (10.0-24.6)	17.0 (6.0-39.7)	No
QN51: Percentage of students who smoked cigarettes on school property (on at least 1 day during the 30 days before the survey)	1.2 (0.4-3.5)	2.9 (1.4-5.8)	1.7 (0.5-5.1)	7.2 (1.8-24.1)	No
QN52: Percentage of students who used an electronic vapor product on school property (on at least 1 day during the 30 days before the survey)	5.7 (3.2-10.2)	6.3 (3.4-11.6)	8.6 (4.6-15.7)	17.4 (6.7-38.0)	No
QN53: Percentage of students who had oral sex	6.5 (4.4-9.4)	14.3 (10.7-19.0)	9.8 (5.2-17.6)	4.1 (0.6-21.5)	Yes
QN54: Percentage of students who did not drink a bottle or glass of plain water (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey)	7.0 (4.7-10.2)	8.4 (5.0-13.8)	3.9 (1.5-10.1)	16.6 (6.9-35.0)	No
QN55: Percentage of students who reported that some of their classroom teachers provide short physical activity breaks during regular class time (not counting their physical education teacher)	16.5 (12.6-21.4)	21.8 (16.0-28.9)	27.4 (16.9-41.3)	26.4 (15.5-41.2)	No

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

† Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

Male Site-Added	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					
QN56: Percentage of students who missed one or more days of school because of their asthma (during the 30 days before the survey, among students who have asthma)	9.9 (4.6-20.0)	9.6 (4.7-18.6)	30.7 (15.1-52.3)	-	
QN57: Percentage of students who reported their mental health was not good (including stress, depression, and problems with emotions, on at least 1 day during the 30 days before the survey)	38.2 (32.5-44.3)	38.8 (31.8-46.2)	39.2 (30.0-49.2)	43.0 (26.9-60.8)	No
QN58: Percentage of students who brushed their teeth on all 7 days (during the 7 days before the survey)	61.8 (55.6-67.7)	64.1 (58.4-69.3)	56.8 (46.8-66.2)	60.2 (40.1-77.4)	No
QN59: Percentage of students who flossed their teeth on all 7 days (during the 7 days before the survey)	16.5 (12.6-21.3)	14.8 (11.4-19.0)	23.1 (15.9-32.1)	15.5 (8.2-27.4)	No
QN60: Percentage of students who did not usually sleep in their parent's or guardian's home (during the 30 days before the survey)	1.4 (0.4-4.3)	2.4 (1.0-5.7)	4.6 (1.8-11.6)	0.0	Yes
QN61: Percentage of students who do not have an adult in their life that they trust and can talk to about serious problems	6.0 (3.6-9.8)	10.6 (6.9-15.9)	12.4 (7.6-19.5)	8.4 (2.2-27.1)	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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	
	QN62: Percentage of students who reported their parents or other adults in their family most of the time or always ask where they are going or with whom they will be	72.2 (67.2-76.8)	65.4 (58.5-71.8)	64.1 (51.1-75.3)	66.1 (40.6-84.8)	No
	QN63: Percentage of students who reported there is at least one teacher or other adult in their school that they can talk to if they have a problem	68.5 (63.7-72.9)	68.3 (60.5-75.3)	59.3 (48.8-69.1)	41.6 (27.4-57.3)	Yes
	QNWATER1: Percentage of students who drank a bottle or glass of plain water one or more times per day (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey)	66.1 (58.0-73.4)	58.8 (52.0-65.2)	58.3 (48.2-67.7)	51.9 (34.9-68.5)	No
	QNWATER2: Percentage of students who drank a bottle or glass of plain water two or more times per day (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey)	58.0 (49.0-66.5)	51.5 (45.0-57.9)	48.5 (39.6-57.4)	41.7 (25.4-60.1)	No
	QNWATER3: Percentage of students who drank a bottle or glass of plain water three or more times per day (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey)	44.3 (36.3-52.6)	35.6 (28.7-43.1)	40.6 (32.3-49.5)	34.1 (17.1-56.5)	No

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

† Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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)	75.8 (68.7-81.7)	80.8 (73.4-86.5)	98.1 (85.3-99.8)	-		
QN7: Percentage of students who rarely or never wore a helmet when rollerblading or skateboarding (among students who used rollerblades or rode a skateboard)	82.0 (73.2-88.3)	86.3 (78.1-91.8)	-	-		
QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car)	2.8 (1.5-5.0)	5.5 (2.8-10.4)	16.1 (6.8-33.6)	-		
QN9: Percentage of students who ever rode with a driver who had been drinking alcohol (in a car)	15.6 (12.4-19.3)	17.2 (12.9-22.7)	25.6 (15.8-38.7)	-		
QN10: Percentage of students who ever carried a weapon (such as a gun, knife, or club)	17.4 (13.3-22.5)	25.2 (19.1-32.5)	36.8 (24.9-50.6)	-		
QN11: Percentage of students who were ever in a physical fight	21.5 (17.9-25.7)	38.3 (30.9-46.3)	43.4 (33.0-54.4)	-		
QN12: Percentage of students who were ever bullied on school property	50.7 (44.6-56.6)	56.7 (49.9-63.3)	67.4 (53.5-78.8)	-		

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

Female

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)	31.0 (26.4-36.0)	36.3 (28.0-45.4)	47.0 (34.5-60.0)	-	
QN14: Percentage of students who ever seriously thought about killing themselves	22.8 (18.4-28.0)	33.7 (26.5-41.6)	45.0 (32.7-57.9)	-	
QN15: Percentage of students who ever made a plan about how they would kill themselves	14.1 (11.6-17.1)	19.7 (14.8-25.6)	32.0 (21.4-44.9)	-	
QN16: Percentage of students who ever tried to kill themselves	7.2 (5.1-9.9)	16.2 (10.6-23.8)	17.3 (10.1-28.0)	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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*
Health Risk Behavior	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)	10.8 (7.4-15.6)	16.9 (12.4-22.5)	35.5 (20.0-54.7)	-		
QN18: Percentage of students who tried cigarette smoking for the first time before age 11 years (even one or two puffs)	6.0 (3.8-9.3)	6.5 (3.7-11.2)	8.3 (3.9-16.6)	-		
QN19: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)	1.6 (0.6-4.0)	3.5 (1.5-7.8)	14.2 (5.2-33.5)	-		
QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)	0.1 (0.0-0.9)	0.0	0.0	-		
QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)	0.1 (0.0-0.9)	0.0	0.0	-		
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)	-	-	-	-		
QN21: Percentage of students who ever used an electronic vapor product	23.7 (18.8-29.4)	39.3 (32.4-46.7)	45.7 (25.3-67.7)	-		

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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					
QN22: Percentage of students who currently used an electronic vapor product (on at least 1 day during the 30 days before the survey)	13.0 (8.8-18.6)	23.8 (17.0-32.2)	32.0 (12.4-61.1)	-	
QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey)	0.3 (0.0-2.0)	1.8 (0.7-4.8)	5.5 (1.8-15.9)	-	
QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey)	0.3 (0.0-2.0)	1.3 (0.4-4.3)	1.4 (0.2-10.1)	-	
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)	3.4 (0.7-14.9)	7.8 (2.7-20.8)	-	-	
QN24: Percentage of students who currently used smokeless tobacco (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey)	0.7 (0.2-3.3)	2.0 (0.7-5.9)	8.4 (3.2-20.2)	-	
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 (0.5-2.5)	2.2 (0.9-5.2)	11.3 (5.1-23.1)	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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					
QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey)	2.5 (1.3-4.9)	5.8 (3.2-10.2)	17.4 (7.6-35.2)	-	
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 (1.3-5.7)	6.6 (3.7-11.5)	22.6 (9.1-46.2)	-	
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)	14.0 (9.4-20.2)	24.7 (17.8-33.1)	33.1 (13.6-61.0)	-	
QNTB5: Percentage of students who currently smoked cigarettes or used electronic vapor products (on at least 1 day during the 30 days before the survey)	13.5 (9.0-19.7)	23.9 (17.2-32.2)	32.0 (12.4-61.1)	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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)	17.3 (13.7-21.6)	32.6 (24.8-41.4)	37.1 (26.9-48.5)	-	
QN27: Percentage of students who drank alcohol for the first time before age 11 years (other than a few sips)	6.5 (4.0-10.6)	11.5 (7.0-18.4)	16.3 (8.4-29.2)	-	
QN28: Percentage of students who ever used marijuana	5.3 (3.5-8.0)	14.3 (9.5-21.1)	22.4 (11.8-38.3)	-	
QN29: Percentage of students who tried marijuana for the first time before age 11 years	1.4 (0.6-3.2)	3.0 (1.2-7.2)	5.4 (1.6-16.4)	-	
QN30: 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)	7.8 (6.3-9.5)	14.6 (9.6-21.4)	24.5 (15.3-36.8)	-	
QN31: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase)	1.7 (0.7-4.0)	3.2 (1.5-6.7)	11.9 (3.7-32.3)	-	
QN32: Percentage of students who ever used inhalants (sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high)	5.6 (3.1-10.0)	11.5 (8.2-16.0)	10.3 (4.7-21.1)	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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 steroids without a doctor's prescription (pills or shots)		0.6 (0.2-2.2)	4.4 (2.3-8.3)	5.6 (1.9-15.4)	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

Female Sexual 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					
QN34: Percentage of students who ever had sexual intercourse	4.1 (1.8-9.2)	7.5 (4.1-13.4)	18.8 (8.8-35.6)	-	
QN35: Percentage of students who had sexual intercourse for the first time before age 11 years	0.5 (0.1-2.1)	1.5 (0.5-4.3)	3.9 (1.0-13.5)	-	
QN36: Percentage of students who ever had sexual intercourse with three or more persons	0.5 (0.1-2.0)	1.8 (0.6-5.2)	7.3 (2.5-19.2)	-	
QN37: Percentage of students who used a condom during last sexual intercourse (among students who ever had sexual intercourse)	-	-	-	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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	31.1 (26.9-35.8)	30.2 (23.9-37.4)	44.0 (30.9-58.0)	-	
QN39: Percentage of students who were trying to lose weight	55.2 (49.9-60.3)	59.3 (51.5-66.7)	62.4 (53.0-71.0)	-	
QN40: Percentage of students who did not eat breakfast (during the 7 days before the survey)	11.0 (7.6-15.6)	13.6 (8.9-20.1)	22.0 (10.4-40.5)	-	
QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey)	36.7 (29.1-45.1)	31.5 (24.1-40.1)	24.3 (14.9-36.9)	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

Female Physical Activity		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		
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)	41.1 (35.3-47.1)	36.1 (29.3-43.5)	34.7 (21.1-51.4)	-		
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)	14.0 (10.0-19.2)	14.7 (10.4-20.3)	16.6 (7.9-31.7)	-		
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)	18.3 (14.2-23.2)	18.9 (13.4-25.9)	14.2 (6.5-28.5)	-		
QN42: Percentage of students who watched television 3 or more hours per day (on an average school day)	28.3 (24.0-33.1)	27.4 (20.4-35.8)	38.9 (29.8-48.8)	-		
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 playing games, watching videos, texting, or using social media on their smartphone, computer, Xbox, PlayStation, iPad, or other tablet, for something that was not school work, on an average school day)	45.1 (39.0-51.3)	46.1 (39.8-52.6)	53.5 (41.4-65.3)	-		
QN44: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school)	32.7 (25.7-40.5)	38.8 (29.0-49.6)	37.6 (24.6-52.6)	-		

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

Female 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)	24.7 (17.9-33.0)	29.6 (20.4-40.8)	24.9 (15.9-36.7)	-	
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)	60.9 (54.9-66.6)	53.3 (45.4-60.9)	42.0 (32.1-52.5)	-	
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)	13.8 (10.8-17.6)	17.0 (12.0-23.5)	18.9 (10.3-32.0)	-	
QN48: Percentage of students who got 8 or more hours of sleep (on an average school night)	46.2 (40.8-51.7)	43.7 (35.9-51.8)	34.4 (24.5-45.9)	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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	16.5 (12.5-21.6)	20.4 (15.9-25.7)	19.2 (10.4-32.8)	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

Female Site-Added	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					
QN50: Percentage of students who did something to purposely hurt themselves without wanting to die (such as cutting or burning themselves on purpose one or more times during the 12 months before the survey)	20.7 (16.6-25.5)	31.0 (24.8-38.0)	39.5 (28.3-51.9)	-	
QN51: Percentage of students who smoked cigarettes on school property (on at least 1 day during the 30 days before the survey)	1.2 (0.6-2.4)	2.9 (1.1-7.4)	3.0 (0.6-13.1)	-	
QN52: Percentage of students who used an electronic vapor product on school property (on at least 1 day during the 30 days before the survey)	4.4 (2.3-8.2)	7.8 (4.4-13.6)	17.8 (7.8-35.7)	-	
QN53: Percentage of students who had oral sex	8.1 (5.7-11.5)	11.4 (7.9-16.2)	21.1 (15.0-28.9)	-	
QN54: Percentage of students who did not drink a bottle or glass of plain water (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey)	4.0 (2.5-6.2)	6.2 (3.9-9.8)	6.3 (2.2-16.4)	-	
QN55: Percentage of students who reported that some of their classroom teachers provide short physical activity breaks during regular class time (not counting their physical education teacher)	20.6 (16.4-25.5)	23.2 (15.5-33.3)	27.7 (15.6-44.3)	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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	
QN56: Percentage of students who missed one or more days of school because of their asthma (during the 30 days before the survey, among students who have asthma)	15.6 (9.5-24.4)	12.8 (5.9-25.8)	-	-	
QN57: Percentage of students who reported their mental health was not good (including stress, depression, and problems with emotions, on at least 1 day during the 30 days before the survey)	63.4 (58.2-68.3)	63.5 (56.8-69.6)	73.7 (59.1-84.5)	-	
QN58: Percentage of students who brushed their teeth on all 7 days (during the 7 days before the survey)	79.5 (74.2-83.9)	73.0 (66.8-78.5)	80.3 (67.0-89.2)	-	
QN59: Percentage of students who flossed their teeth on all 7 days (during the 7 days before the survey)	20.4 (16.4-24.9)	20.8 (15.2-27.9)	21.5 (14.3-31.2)	-	
QN60: Percentage of students who did not usually sleep in their parent's or guardian's home (during the 30 days before the survey)	0.1 (0.0-1.1)	1.5 (0.5-4.6)	10.8 (4.5-24.0)	-	
QN61: Percentage of students who do not have an adult in their life that they trust and can talk to about serious problems	12.3 (9.4-16.0)	17.0 (12.3-23.0)	27.0 (20.6-34.5)	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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	
	QN62: Percentage of students who reported their parents or other adults in their family most of the time or always ask where they are going or with whom they will be	84.4 (81.3-87.0)	70.2 (64.2-75.6)	62.6 (51.5-72.4)	-	
	QN63: Percentage of students who reported there is at least one teacher or other adult in their school that they can talk to if they have a problem	70.0 (64.7-74.8)	67.0 (61.2-72.4)	57.3 (41.8-71.5)	-	
	QNWATER1: Percentage of students who drank a bottle or glass of plain water one or more times per day (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey)	65.2 (61.0-69.1)	58.2 (49.5-66.4)	55.9 (44.9-66.4)	-	
	QNWATER2: Percentage of students who drank a bottle or glass of plain water two or more times per day (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey)	58.0 (53.7-62.2)	52.5 (45.0-60.0)	47.9 (35.7-60.3)	-	
	QNWATER3: Percentage of students who drank a bottle or glass of plain water three or more times per day (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey)	41.8 (37.6-46.2)	38.4 (30.3-47.2)	35.6 (25.2-47.6)	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

Black*		Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association [†]
Unintentional Injuries/Violence		A's	B's	C's	D's/F's	
Health Risk Behavior		% 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)		97.7 (83.4-99.7)	-	-	-	
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 (0.3-18.8)	14.4 (6.8-28.0)	-	-	
QN9: Percentage of students who ever rode with a driver who had been drinking alcohol (in a car)		20.6 (8.5-42.2)	20.0 (9.4-37.5)	-	-	
QN10: Percentage of students who ever carried a weapon (such as a gun, knife, or club)		25.2 (12.4-44.4)	30.0 (20.9-41.0)	-	-	
QN11: Percentage of students who were ever in a physical fight		53.5 (44.9-61.9)	71.9 (53.6-85.0)	-	-	
QN12: Percentage of students who were ever bullied on school property		29.7 (15.4-49.4)	30.8 (21.7-41.7)	-	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

Black* 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					
QN13: Percentage of students who were ever electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media)	18.3 (7.1-39.4)	31.2 (19.8-45.4)	-	-	
QN14: Percentage of students who ever seriously thought about killing themselves	15.2 (5.4-36.0)	25.7 (13.5-43.4)	-	-	
QN15: Percentage of students who ever made a plan about how they would kill themselves	15.2 (5.8-34.5)	13.5 (5.5-29.4)	-	-	
QN16: Percentage of students who ever tried to kill themselves	9.3 (3.3-23.6)	8.1 (2.9-20.5)	-	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

Black* 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)	10.5 (3.7-26.2)	10.8 (5.5-20.0)	-	-	
	QN18: Percentage of students who tried cigarette smoking for the first time before age 11 years (even one or two puffs)	7.9 (2.5-22.2)	6.9 (2.4-18.3)	-	-	
	QN19: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)	0.0	0.0	-	-	
	QN21: Percentage of students who ever used an electronic vapor product	15.5 (5.1-38.7)	20.7 (10.4-36.9)	-	-	
	QN22: Percentage of students who currently used an electronic vapor product (on at least 1 day during the 30 days before the survey)	8.9 (3.3-21.6)	8.4 (2.9-22.2)	-	-	
	QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey)	2.8 (0.3-19.3)	0.0	-	-	
	QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey)	2.8 (0.3-19.3)	0.0	-	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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					
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 Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey)	2.8 (0.3-19.3)	0.0	-	-	
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)	2.7 (0.3-19.0)	6.2 (2.1-17.3)	-	-	
QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey)	2.8 (0.3-19.3)	6.2 (2.1-17.3)	-	-	
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 (0.3-19.3)	6.4 (2.2-17.2)	-	-	
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)	8.9 (3.3-21.6)	14.5 (6.4-29.7)	-	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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					
QNTB5: Percentage of students who currently smoked cigarettes or used electronic vapor products (on at least 1 day during the 30 days before the survey)	8.9 (3.3-21.6)	8.4 (2.9-22.2)	-	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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)	18.4 (7.7-37.9)	35.4 (23.4-49.4)	-	-	
QN27: Percentage of students who drank alcohol for the first time before age 11 years (other than a few sips)	5.3 (1.2-20.0)	8.9 (3.0-23.6)	-	-	
QN28: Percentage of students who ever used marijuana	5.0 (1.1-19.8)	15.3 (9.0-25.0)	-	-	
QN29: Percentage of students who tried marijuana for the first time before age 11 years	0.0	2.0 (0.2-15.7)	-	-	
QN30: 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)	6.9 (2.3-19.0)	18.6 (5.8-45.7)	-	-	
QN31: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase)	0.0	4.4 (1.2-15.5)	-	-	
QN32: Percentage of students who ever used inhalants (sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high)	7.8 (2.0-26.3)	6.2 (2.2-16.2)	-	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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					
QN33: Percentage of students who ever took steroids without a doctor's prescription (pills or shots)	1.9 (0.3-11.9)	0.0	-	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey
Risk Behaviors and Academic Achievement Report

Black* Sexual 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	
	QN34: Percentage of students who ever had sexual intercourse	12.2 (5.1-26.4)	24.5 (11.7-44.1)	-	-	
	QN35: Percentage of students who had sexual intercourse for the first time before age 11 years	4.8 (1.0-19.9)	5.1 (1.1-20.7)	-	-	
	QN36: Percentage of students who ever had sexual intercourse with three or more persons	0.0	2.5 (0.3-16.9)	-	-	
	QN37: Percentage of students who used a condom during last sexual intercourse (among students who ever had sexual intercourse)	-	-	-	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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	26.7 (11.7-50.0)	27.8 (18.4-39.8)	-	-	
QN39: Percentage of students who were trying to lose weight	43.1 (26.7-61.1)	53.6 (40.8-65.9)	-	-	
QN40: Percentage of students who did not eat breakfast (during the 7 days before the survey)	11.4 (5.3-22.8)	7.3 (2.8-17.9)	-	-	
QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey)	36.3 (24.1-50.4)	26.7 (15.5-41.8)	-	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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)	34.1 (19.2-52.9)	36.8 (28.4-46.1)	-	-	
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)	24.5 (11.9-43.8)	22.2 (12.6-36.1)	-	-	
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)	16.7 (9.6-27.4)	22.7 (15.0-32.8)	-	-	
QN42: Percentage of students who watched television 3 or more hours per day (on an average school day)	37.4 (22.8-54.6)	30.6 (16.1-50.4)	-	-	
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 playing games, watching videos, texting, or using social media on their smartphone, computer, Xbox, PlayStation, iPad, or other tablet, for something that was not school work, on an average school day)	63.1 (50.1-74.5)	48.0 (28.1-68.5)	-	-	
QN44: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school)	26.1 (14.6-42.3)	37.1 (26.4-49.2)	-	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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	
QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school)	22.3 (12.3-37.0)	24.9 (12.8-42.7)	-	-	
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)	73.9 (51.4-88.4)	69.6 (55.1-81.0)	-	-	
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)	20.4 (9.5-38.6)	12.2 (6.3-22.4)	-	-	
QN48: Percentage of students who got 8 or more hours of sleep (on an average school night)	33.1 (18.1-52.5)	21.3 (14.2-30.7)	-	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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	
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	25.1 (13.7-41.4)	27.6 (16.6-42.2)	-	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

Black* Site-Added	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					
QN50: Percentage of students who did something to purposely hurt themselves without wanting to die (such as cutting or burning themselves on purpose one or more times during the 12 months before the survey)	19.4 (6.9-43.6)	16.6 (9.5-27.5)	-	-	
QN51: Percentage of students who smoked cigarettes on school property (on at least 1 day during the 30 days before the survey)	0.0	0.0	-	-	
QN52: Percentage of students who used an electronic vapor product on school property (on at least 1 day during the 30 days before the survey)	6.5 (2.1-18.4)	8.0 (3.1-19.5)	-	-	
QN53: Percentage of students who had oral sex	19.6 (9.0-37.5)	21.0 (9.1-41.5)	-	-	
QN54: Percentage of students who did not drink a bottle or glass of plain water (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey)	7.6 (1.9-25.9)	8.4 (2.8-22.6)	-	-	
QN55: Percentage of students who reported that some of their classroom teachers provide short physical activity breaks during regular class time (not counting their physical education teacher)	15.0 (7.0-29.3)	22.9 (11.5-40.5)	-	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

Black* Site-Added	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					
QN56: Percentage of students who missed one or more days of school because of their asthma (during the 30 days before the survey, among students who have asthma)	-	-	-	-	
QN57: Percentage of students who reported their mental health was not good (including stress, depression, and problems with emotions, on at least 1 day during the 30 days before the survey)	38.3 (23.8-55.2)	54.5 (41.5-67.0)	-	-	
QN58: Percentage of students who brushed their teeth on all 7 days (during the 7 days before the survey)	60.7 (41.9-76.8)	77.7 (62.6-87.8)	-	-	
QN59: Percentage of students who flossed their teeth on all 7 days (during the 7 days before the survey)	18.0 (11.7-26.6)	12.8 (4.5-31.7)	-	-	
QN60: Percentage of students who did not usually sleep in their parent's or guardian's home (during the 30 days before the survey)	0.0	4.5 (0.7-23.1)	-	-	
QN61: Percentage of students who do not have an adult in their life that they trust and can talk to about serious problems	14.6 (9.6-21.6)	13.0 (7.4-21.9)	-	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

Black* Site-Added	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					
QN62: Percentage of students who reported their parents or other adults in their family most of the time or always ask where they are going or with whom they will be	78.1 (58.3-90.1)	73.5 (61.9-82.6)	-	-	
QN63: Percentage of students who reported there is at least one teacher or other adult in their school that they can talk to if they have a problem	60.1 (50.4-69.0)	61.8 (49.3-72.9)	-	-	
QNWATER1: Percentage of students who drank a bottle or glass of plain water one or more times per day (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey)	60.0 (40.4-76.9)	58.3 (42.7-72.5)	-	-	
QNWATER2: Percentage of students who drank a bottle or glass of plain water two or more times per day (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey)	56.0 (37.1-73.4)	52.2 (37.2-66.8)	-	-	
QNWATER3: Percentage of students who drank a bottle or glass of plain water three or more times per day (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey)	36.8 (20.8-56.3)	42.1 (28.8-56.7)	-	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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)	-	76.9 (54.9-90.1)	-	-	
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)	6.4 (2.2-17.5)	7.5 (2.9-18.3)	-	-	
QN9: Percentage of students who ever rode with a driver who had been drinking alcohol (in a car)	19.2 (9.4-35.3)	9.5 (2.8-27.5)	-	-	
QN10: Percentage of students who ever carried a weapon (such as a gun, knife, or club)	38.1 (25.0-53.1)	23.3 (12.5-39.1)	-	-	
QN11: Percentage of students who were ever in a physical fight	57.3 (40.5-72.6)	51.3 (36.6-65.9)	-	-	
QN12: Percentage of students who were ever bullied on school property	46.2 (34.8-57.9)	37.3 (26.8-49.2)	-	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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)	28.9 (15.6-47.1)	17.4 (8.9-31.1)	-	-	
QN14: Percentage of students who ever seriously thought about killing themselves	24.2 (14.1-38.3)	24.6 (14.7-38.2)	-	-	
QN15: Percentage of students who ever made a plan about how they would kill themselves	20.7 (11.2-35.1)	14.2 (6.3-28.9)	-	-	
QN16: Percentage of students who ever tried to kill themselves	9.0 (3.3-22.1)	7.4 (2.7-18.9)	-	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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)	21.0 (10.7-37.2)	16.6 (8.9-29.0)	-	-	
QN18: Percentage of students who tried cigarette smoking for the first time before age 11 years (even one or two puffs)	10.7 (4.3-24.1)	8.8 (3.0-23.0)	-	-	
QN19: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)	4.1 (1.0-15.4)	2.1 (0.2-15.5)	-	-	
QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)	2.1 (0.3-13.8)	0.0	-	-	
QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)	2.1 (0.3-13.8)	0.0	-	-	
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)	-	-	-	-	
QN21: Percentage of students who ever used an electronic vapor product	31.2 (19.7-45.6)	35.2 (21.7-51.6)	-	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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	
QN22: Percentage of students who currently used an electronic vapor product (on at least 1 day during the 30 days before the survey)	22.6 (13.5-35.4)	20.7 (11.4-34.8)	-	-	
QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey)	1.9 (0.3-12.5)	1.8 (0.2-13.6)	-	-	
QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey)	0.0	1.8 (0.2-13.6)	-	-	
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 Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey)	6.5 (2.0-18.8)	2.1 (0.2-15.6)	-	-	
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)	2.0 (0.3-13.3)	2.0 (0.2-15.0)	-	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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)	4.1 (1.0-15.4)	2.1 (0.2-15.5)	-	-	
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)	8.8 (3.4-20.6)	2.1 (0.2-16.2)	-	-	
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)	28.3 (17.2-42.9)	20.7 (11.4-34.8)	-	-	
QNTB5: Percentage of students who currently smoked cigarettes or used electronic vapor products (on at least 1 day during the 30 days before the survey)	25.8 (15.8-39.0)	20.7 (11.4-34.8)	-	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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)	22.3 (12.7-36.2)	24.4 (13.7-39.6)	-	-	
QN27: Percentage of students who drank alcohol for the first time before age 11 years (other than a few sips)	14.2 (7.0-26.9)	8.7 (2.9-23.1)	-	-	
QN28: Percentage of students who ever used marijuana	8.4 (3.0-21.8)	21.3 (9.9-40.1)	-	-	
QN29: Percentage of students who tried marijuana for the first time before age 11 years	2.5 (0.3-17.6)	1.9 (0.2-13.1)	-	-	
QN30: 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)	6.7 (2.1-19.1)	12.8 (5.3-27.6)	-	-	
QN31: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase)	3.8 (0.9-15.1)	2.2 (0.2-17.0)	-	-	
QN32: Percentage of students who ever used inhalants (sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high)	8.3 (3.0-21.2)	13.0 (6.3-24.9)	-	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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 steroids without a doctor's prescription (pills or shots)	0.0	6.0 (1.3-23.4)	-	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey
Risk Behaviors and Academic Achievement Report

Hispanic/Latino
Sexual 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	
QN34: Percentage of students who ever had sexual intercourse	10.2 (3.9-24.1)	12.2 (5.2-26.2)	-	-	
QN35: Percentage of students who had sexual intercourse for the first time before age 11 years	5.4 (1.3-20.0)	1.9 (0.2-14.2)	-	-	
QN36: Percentage of students who ever had sexual intercourse with three or more persons	0.0	2.4 (0.3-18.0)	-	-	
QN37: Percentage of students who used a condom during last sexual intercourse (among students who ever had sexual intercourse)	-	-	-	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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	28.8 (16.5-45.2)	39.2 (27.0-52.9)	-	-	
QN39: Percentage of students who were trying to lose weight	52.9 (38.8-66.6)	61.4 (48.9-72.5)	-	-	
QN40: Percentage of students who did not eat breakfast (during the 7 days before the survey)	12.7 (5.9-25.5)	14.0 (6.4-28.0)	-	-	
QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey)	36.9 (22.9-53.6)	43.7 (28.6-60.1)	-	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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)	53.5 (36.0-70.2)	38.9 (26.0-53.5)	-	-	
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)	11.1 (4.8-23.7)	10.6 (4.3-24.0)	-	-	
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)	34.8 (21.4-51.1)	25.7 (13.1-44.3)	-	-	
QN42: Percentage of students who watched television 3 or more hours per day (on an average school day)	15.9 (7.2-31.5)	31.5 (19.2-47.0)	-	-	
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 playing games, watching videos, texting, or using social media on their smartphone, computer, Xbox, PlayStation, iPad, or other tablet, for something that was not school work, on an average school day)	51.3 (34.4-68.0)	46.8 (32.4-61.7)	-	-	
QN44: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school)	37.7 (24.7-52.7)	31.7 (19.5-47.1)	-	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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)	18.5 (10.3-30.8)	26.5 (17.4-38.2)	-	-	
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)	42.0 (29.2-55.8)	44.9 (33.6-56.7)	-	-	
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)	34.7 (21.0-51.4)	16.9 (7.2-34.7)	-	-	
QN48: Percentage of students who got 8 or more hours of sleep (on an average school night)	56.1 (37.9-72.7)	37.0 (26.3-49.1)	-	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey
Risk Behaviors and Academic Achievement Report

Hispanic/Latino
Other

Percentage of students who engaged in each risk behavior, by
type of grades mostly earned in school

Health Risk Behavior	A's	B's	C's	D's/F's	Significant Association*
	% 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	23.3 (11.8-40.8)	23.8 (13.2-39.1)	-	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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 did something to purposely hurt themselves without wanting to die (such as cutting or burning themselves on purpose one or more times during the 12 months before the survey)	25.7 (15.2-40.1)	26.7 (18.5-36.9)	-	-	
QN51: Percentage of students who smoked cigarettes on school property (on at least 1 day during the 30 days before the survey)	0.0	3.9 (1.0-13.8)	-	-	
QN52: Percentage of students who used an electronic vapor product on school property (on at least 1 day during the 30 days before the survey)	15.6 (7.3-30.2)	7.1 (2.3-19.9)	-	-	
QN53: Percentage of students who had oral sex	12.9 (6.3-24.5)	17.2 (7.3-35.4)	-	-	
QN54: Percentage of students who did not drink a bottle or glass of plain water (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey)	3.0 (0.4-19.5)	12.9 (6.4-24.2)	-	-	
QN55: Percentage of students who reported that some of their classroom teachers provide short physical activity breaks during regular class time (not counting their physical education teacher)	21.2 (12.0-34.7)	24.3 (12.6-41.6)	-	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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	
QN56: Percentage of students who missed one or more days of school because of their asthma (during the 30 days before the survey, among students who have asthma)	-	-	-	-	
QN57: Percentage of students who reported their mental health was not good (including stress, depression, and problems with emotions, on at least 1 day during the 30 days before the survey)	54.3 (38.5-69.3)	53.6 (41.5-65.2)	-	-	
QN58: Percentage of students who brushed their teeth on all 7 days (during the 7 days before the survey)	79.7 (63.1-90.0)	72.0 (55.7-84.0)	-	-	
QN59: Percentage of students who flossed their teeth on all 7 days (during the 7 days before the survey)	33.8 (18.3-53.6)	17.8 (9.9-29.8)	-	-	
QN60: Percentage of students who did not usually sleep in their parent's or guardian's home (during the 30 days before the survey)	5.8 (1.7-17.8)	0.0	-	-	
QN61: Percentage of students who do not have an adult in their life that they trust and can talk to about serious problems	11.2 (4.9-23.5)	11.1 (4.3-25.8)	-	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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	
QN62: Percentage of students who reported their parents or other adults in their family most of the time or always ask where they are going or with whom they will be	79.5 (63.8-89.5)	66.7 (55.4-76.4)	-	-	
QN63: Percentage of students who reported there is at least one teacher or other adult in their school that they can talk to if they have a problem	59.3 (41.6-74.9)	69.3 (51.5-82.7)	-	-	
QNWATER1: Percentage of students who drank a bottle or glass of plain water one or more times per day (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey)	68.7 (54.2-80.3)	58.6 (41.4-74.0)	-	-	
QNWATER2: Percentage of students who drank a bottle or glass of plain water two or more times per day (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey)	59.7 (47.3-70.9)	55.7 (39.0-71.1)	-	-	
QNWATER3: Percentage of students who drank a bottle or glass of plain water three or more times per day (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey)	48.7 (37.5-60.1)	39.9 (22.1-60.9)	-	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

White*		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)	75.3 (69.8-80.0)	81.4 (74.8-86.5)	88.0 (79.7-93.2)	-		
QN7: Percentage of students who rarely or never wore a helmet when rollerblading or skateboarding (among students who used rollerblades or rode a skateboard)	80.8 (74.0-86.2)	85.2 (78.6-90.1)	81.3 (65.6-90.9)	-		
QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car)	3.8 (2.2-6.5)	3.9 (2.2-6.7)	7.8 (3.3-17.4)	9.8 (3.8-23.2)	No	
QN9: Percentage of students who ever rode with a driver who had been drinking alcohol (in a car)	16.2 (13.9-18.7)	17.5 (13.7-22.0)	17.7 (11.5-26.2)	7.7 (2.1-24.9)	No	
QN10: Percentage of students who ever carried a weapon (such as a gun, knife, or club)	30.2 (26.2-34.6)	38.5 (32.7-44.7)	43.4 (34.6-52.5)	58.3 (35.4-78.1)	No	
QN11: Percentage of students who were ever in a physical fight	30.8 (26.4-35.5)	44.8 (38.7-51.1)	51.9 (43.3-60.5)	75.0 (58.4-86.5)	Yes	
QN12: Percentage of students who were ever bullied on school property	44.5 (38.9-50.2)	48.1 (41.9-54.3)	48.3 (39.7-57.1)	28.4 (18.1-41.6)	Yes	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

White*		Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association [†]
Unintentional Injuries/Violence		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)		25.6 (22.2-29.5)	28.8 (23.4-34.8)	28.5 (21.3-37.0)	22.1 (11.5-38.2)	No
QN14: Percentage of students who ever seriously thought about killing themselves		17.9 (15.2-21.0)	25.4 (19.1-32.9)	24.6 (17.5-33.4)	25.8 (12.0-47.0)	Yes
QN15: Percentage of students who ever made a plan about how they would kill themselves		10.9 (9.1-13.1)	14.3 (11.2-18.2)	17.6 (11.2-26.6)	9.3 (3.0-25.4)	No
QN16: Percentage of students who ever tried to kill themselves		5.9 (4.1-8.5)	10.9 (6.8-16.9)	10.1 (5.8-16.8)	4.7 (1.2-17.0)	No

*Non-Hispanic.

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

[§]Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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	
	QN17: Percentage of students who ever tried cigarette smoking (even one or two puffs)	10.1 (7.1-14.2)	17.0 (12.8-22.2)	27.9 (19.4-38.2)	35.3 (18.4-56.7)	Yes
	QN18: Percentage of students who tried cigarette smoking for the first time before age 11 years (even one or two puffs)	5.6 (3.3-9.4)	6.3 (4.0-9.7)	12.9 (7.2-21.9)	13.7 (5.7-29.2)	No
	QN19: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)	1.2 (0.5-2.9)	5.6 (3.6-8.7)	7.6 (2.9-18.7)	24.1 (14.3-37.8)	Yes
	QNFRSIG: 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)	1.2 (0.4-3.3)	0.0	7.5 (2.1-23.7)	Yes
	QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)	0.0	1.2 (0.4-3.3)	0.0	7.5 (2.1-23.7)	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)	-	-	-	-	
	QN21: Percentage of students who ever used an electronic vapor product	24.4 (20.0-29.5)	36.2 (30.1-42.9)	47.1 (34.0-60.7)	49.7 (30.0-69.5)	Yes

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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					
QN22: Percentage of students who currently used an electronic vapor product (on at least 1 day during the 30 days before the survey)	12.3 (9.1-16.5)	21.3 (16.1-27.5)	27.8 (16.4-43.2)	31.1 (18.6-47.3)	Yes
QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey)	0.4 (0.1-1.9)	2.2 (1.0-4.8)	4.2 (1.7-10.3)	8.5 (2.1-28.8)	Yes
QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey)	0.4 (0.1-1.9)	1.9 (0.8-4.3)	0.7 (0.1-5.1)	2.3 (0.2-18.6)	No
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)	1.8 (0.2-13.3)	6.9 (2.3-19.0)	-	-	
QN24: Percentage of students who currently used smokeless tobacco (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey)	2.1 (1.2-3.6)	3.5 (1.9-6.4)	7.5 (3.2-16.9)	11.6 (4.3-27.6)	No
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)	1.4 (0.8-2.5)	3.3 (1.9-5.7)	7.4 (3.5-15.0)	13.6 (5.8-28.7)	Yes

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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					
QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey)	2.3 (1.3-4.0)	7.5 (5.0-11.0)	10.1 (4.7-20.7)	24.6 (14.6-38.5)	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)	3.7 (2.3-5.8)	8.1 (5.6-11.6)	14.5 (6.6-28.8)	28.6 (18.2-42.0)	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)	14.0 (10.3-18.8)	22.4 (17.5-28.4)	31.0 (19.4-45.6)	37.9 (25.9-51.5)	Yes
QNTB5: Percentage of students who currently smoked cigarettes or used electronic vapor products (on at least 1 day during the 30 days before the survey)	12.9 (9.4-17.3)	21.7 (16.8-27.4)	28.7 (17.5-43.5)	33.6 (21.4-48.5)	Yes

*Non-Hispanic.

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

[§]Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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)	16.7 (13.9-19.9)	25.0 (19.5-31.4)	26.9 (19.8-35.5)	41.1 (24.2-60.5)	Yes
QN27: Percentage of students who drank alcohol for the first time before age 11 years (other than a few sips)	8.0 (6.0-10.5)	12.0 (8.9-15.9)	11.9 (6.5-20.8)	-	
QN28: Percentage of students who ever used marijuana	4.8 (3.2-7.2)	8.2 (5.7-11.6)	14.9 (8.2-25.8)	24.1 (14.7-36.7)	Yes
QN29: Percentage of students who tried marijuana for the first time before age 11 years	1.3 (0.7-2.4)	2.0 (0.9-4.3)	3.8 (1.3-10.8)	7.6 (2.1-24.2)	No
QN30: 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)	6.1 (4.4-8.4)	10.1 (7.5-13.4)	12.4 (7.6-19.7)	15.1 (6.3-32.2)	Yes
QN31: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase)	0.9 (0.4-2.4)	1.8 (0.8-3.6)	5.9 (1.8-18.0)	5.6 (1.2-21.8)	Yes
QN32: 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 (3.9-10.2)	9.3 (6.7-12.8)	5.6 (2.6-12.0)	7.6 (2.2-23.2)	No

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey
Risk Behaviors and Academic Achievement Report

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 steroids without a doctor's prescription (pills or shots)	0.8 (0.3-2.3)	3.1 (1.4-6.3)	4.0 (1.5-10.1)	0.0	Yes

*Non-Hispanic.

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

[§]Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

White* Sexual 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					
QN34: Percentage of students who ever had sexual intercourse	2.6 (1.4-4.9)	8.8 (6.1-12.4)	12.5 (6.6-22.5)	12.0 (3.6-33.1)	Yes
QN35: Percentage of students who had sexual intercourse for the first time before age 11 years	0.4 (0.1-1.5)	1.6 (0.6-4.1)	2.2 (0.5-9.3)	3.3 (0.4-23.6)	No
QN36: Percentage of students who ever had sexual intercourse with three or more persons	0.5 (0.2-1.7)	2.3 (0.9-5.5)	4.9 (1.9-12.2)	5.8 (1.1-25.5)	Yes
QN37: Percentage of students who used a condom during last sexual intercourse (among students who ever had sexual intercourse)	-	-	-	-	

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

White* 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	31.3 (26.9-36.1)	30.6 (25.8-35.8)	39.8 (30.4-50.0)	38.1 (22.6-56.5)	No
QN39: Percentage of students who were trying to lose weight	48.4 (43.7-53.1)	50.3 (44.7-55.9)	53.6 (46.6-60.4)	53.1 (35.2-70.2)	No
QN40: Percentage of students who did not eat breakfast (during the 7 days before the survey)	10.9 (7.9-14.9)	11.4 (8.4-15.3)	18.0 (11.5-27.2)	24.8 (12.3-43.7)	No
QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey)	42.5 (36.7-48.4)	40.9 (35.3-46.7)	36.8 (28.2-46.3)	32.5 (16.9-53.4)	No

*Non-Hispanic.

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

[§]Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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)	46.6 (42.3-50.9)	44.2 (38.5-50.1)	38.3 (26.6-51.6)	29.2 (17.5-44.4)	No
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)	11.6 (8.3-16.0)	13.5 (10.5-17.1)	13.3 (7.9-21.7)	26.0 (14.4-42.3)	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)	22.8 (18.9-27.2)	23.0 (18.2-28.7)	17.7 (9.7-30.3)	21.7 (10.8-38.7)	No
QN42: Percentage of students who watched television 3 or more hours per day (on an average school day)	23.3 (19.4-27.7)	25.9 (20.8-31.8)	28.8 (22.6-35.8)	36.3 (20.1-56.3)	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 playing games, watching videos, texting, or using social media on their smartphone, computer, Xbox, PlayStation, iPad, or other tablet, for something that was not school work, on an average school day)	48.2 (42.1-54.4)	51.2 (44.9-57.3)	57.5 (45.9-68.4)	61.7 (45.4-75.7)	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)	35.5 (29.2-42.5)	42.8 (33.2-53.0)	51.3 (41.6-60.9)	28.6 (15.9-45.8)	No

*Non-Hispanic.

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

[§]Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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)	26.4 (19.8-34.3)	31.5 (23.3-41.0)	35.1 (26.8-44.5)	22.0 (10.4-40.7)	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)	60.9 (53.8-67.6)	53.7 (47.2-60.2)	44.5 (36.3-53.0)	27.4 (11.8-51.5)	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)	13.8 (11.8-16.1)	19.0 (14.4-24.7)	22.6 (16.6-29.9)	35.4 (20.1-54.5)	Yes
QN48: Percentage of students who got 8 or more hours of sleep (on an average school night)	48.8 (44.6-53.1)	45.7 (39.1-52.6)	39.8 (32.1-48.0)	28.8 (12.4-53.7)	No

*Non-Hispanic.

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

[§]Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky 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 % 95% CI [§]	B's % 95% CI	C's % 95% CI	D's/F's % 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 (13.5-21.6)	20.9 (17.0-25.4)	20.6 (12.9-31.1)	21.0 (12.2-33.9)	No

*Non-Hispanic.

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

[§]Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

White* Site-Added	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					
QN50: Percentage of students who did something to purposely hurt themselves without wanting to die (such as cutting or burning themselves on purpose one or more times during the 12 months before the survey)	15.7 (13.3-18.3)	21.9 (17.1-27.6)	26.7 (19.5-35.5)	25.3 (11.3-47.4)	Yes
QN51: Percentage of students who smoked cigarettes on school property (on at least 1 day during the 30 days before the survey)	1.4 (0.8-2.4)	3.6 (1.8-7.0)	0.8 (0.1-5.7)	5.0 (1.0-21.9)	No
QN52: Percentage of students who used an electronic vapor product on school property (on at least 1 day during the 30 days before the survey)	3.9 (2.3-6.7)	6.8 (4.2-10.8)	12.8 (7.1-22.0)	7.9 (1.9-27.3)	Yes
QN53: Percentage of students who had oral sex	6.0 (4.3-8.2)	11.5 (8.1-16.0)	11.8 (7.5-18.0)	4.5 (0.9-19.4)	Yes
QN54: Percentage of students who did not drink a bottle or glass of plain water (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey)	5.0 (3.7-6.6)	6.6 (4.0-10.7)	4.2 (1.9-9.0)	19.8 (6.5-46.7)	No
QN55: Percentage of students who reported that some of their classroom teachers provide short physical activity breaks during regular class time (not counting their physical education teacher)	18.6 (13.9-24.3)	23.7 (17.4-31.5)	28.5 (17.6-42.8)	24.3 (11.4-44.5)	No

*Non-Hispanic.

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

[§]Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

White* Site-Added	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					
QN56: Percentage of students who missed one or more days of school because of their asthma (during the 30 days before the survey, among students who have asthma)	15.0 (9.5-22.9)	11.5 (5.9-21.3)	21.6 (10.1-40.2)	-	
QN57: Percentage of students who reported their mental health was not good (including stress, depression, and problems with emotions, on at least 1 day during the 30 days before the survey)	53.6 (49.7-57.5)	50.3 (44.5-56.1)	53.5 (44.6-62.2)	48.4 (31.1-66.1)	No
QN58: Percentage of students who brushed their teeth on all 7 days (during the 7 days before the survey)	71.8 (66.7-76.4)	67.3 (60.9-73.1)	63.8 (55.9-70.9)	57.2 (41.3-71.7)	No
QN59: Percentage of students who flossed their teeth on all 7 days (during the 7 days before the survey)	17.9 (14.6-21.7)	18.0 (14.0-22.9)	19.9 (15.2-25.7)	20.5 (12.6-31.7)	No
QN60: Percentage of students who did not usually sleep in their parent's or guardian's home (during the 30 days before the survey)	0.5 (0.1-2.2)	1.6 (0.7-3.9)	7.3 (3.2-15.6)	0.0	Yes
QN61: Percentage of students who do not have an adult in their life that they trust and can talk to about serious problems	8.4 (6.4-11.0)	13.3 (9.6-18.2)	18.0 (13.0-24.5)	11.4 (4.5-26.1)	Yes

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

White* Site-Added	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					
QN62: Percentage of students who reported their parents or other adults in their family most of the time or always ask where they are going or with whom they will be	80.1 (76.9-83.0)	67.9 (60.8-74.2)	60.6 (50.0-70.4)	55.0 (37.7-71.2)	Yes
QN63: Percentage of students who reported there is at least one teacher or other adult in their school that they can talk to if they have a problem	71.1 (66.8-75.1)	69.2 (62.4-75.3)	58.8 (49.0-67.9)	43.7 (29.0-59.5)	Yes
QNWATER1: Percentage of students who drank a bottle or glass of plain water one or more times per day (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey)	66.5 (61.7-71.0)	59.8 (53.3-65.9)	56.7 (47.3-65.5)	49.1 (35.0-63.4)	Yes
QNWATER2: Percentage of students who drank a bottle or glass of plain water two or more times per day (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey)	58.5 (53.4-63.4)	52.6 (46.2-59.0)	49.9 (38.8-60.9)	37.2 (23.0-53.9)	Yes
QNWATER3: Percentage of students who drank a bottle or glass of plain water three or more times per day (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey)	43.3 (38.6-48.0)	35.5 (29.6-41.9)	37.5 (29.6-46.1)	26.3 (14.5-42.9)	Yes

*Non-Hispanic.

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

[§]Confidence interval.