

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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	
<b>Health Risk Behavior</b>					
QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car driven by someone else)	4.1 (2.4-6.8)	7.0 (4.9-9.7)	12.0 (7.5-18.5)	16.5 (8.2-30.5)	Yes
QN10: Percentage of students who drove a car or other vehicle when they had been drinking alcohol (one or more times during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey)	3.6 (1.1-10.8)	3.4 (1.8-6.6)	2.5 (0.6-10.3)	6.9 (2.2-19.1)	No
QN11: Percentage of students who texted or e-mailed while driving a car or other vehicle (on at least 1 day during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey)	31.1 (24.7-38.3)	33.8 (28.2-39.9)	29.8 (19.7-42.4)	42.4 (25.8-60.9)	Yes
QN12: Percentage of students who carried a weapon (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey)	11.5 (8.6-15.3)	15.5 (12.3-19.3)	19.3 (14.1-25.7)	35.1 (23.0-49.3)	Yes
QN13: Percentage of students who carried a weapon on school property (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey)	1.7 (0.8-3.8)	2.3 (1.2-4.3)	2.6 (1.1-6.2)	11.4 (4.7-25.4)	Yes
QN14: Percentage of students who carried a gun (not counting the days when they carried a gun only for hunting or for a sport such as target shooting, on at least 1 day during the 12 months before the survey)	3.6 (2.3-5.7)	5.4 (3.6-8.0)	7.3 (3.9-13.3)	11.8 (5.4-23.9)	Yes

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

† Confidence interval.

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<b>Health Risk Behavior</b>					
QN15: Percentage of students who did not go to school because they felt unsafe at school or on their way to or from school (on at least 1 day during the 30 days before the survey)	7.5 (5.4-10.3)	9.6 (6.6-13.6)	12.0 (8.3-17.0)	16.6 (9.6-27.1)	Yes
QN16: Percentage of students who were threatened or injured with a weapon on school property (such as a gun, knife, or club, one or more times during the 12 months before the survey)	4.4 (2.9-6.6)	8.1 (5.7-11.3)	11.2 (6.7-18.3)	9.1 (4.0-19.3)	No
QN17: Percentage of students who were in a physical fight (one or more times during the 12 months before the survey)	11.7 (9.2-14.8)	20.2 (17.2-23.6)	26.9 (20.7-34.1)	48.6 (38.4-58.8)	Yes
QN18: Percentage of students who were in a physical fight on school property (one or more times during the 12 months before the survey)	3.4 (2.3-5.0)	4.4 (2.9-6.6)	8.9 (5.6-13.9)	19.3 (12.6-28.4)	Yes
QN20: Percentage of students who experienced sexual violence (being forced by anyone to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to, one or more times during the 12 months before the survey)	8.6 (6.5-11.3)	8.1 (5.6-11.5)	8.3 (5.1-13.1)	14.0 (7.8-23.7)	No

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	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QN21: Percentage of students who experienced sexual dating violence (being forced by someone they were dating or going out with to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to, one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey)	6.0 (3.9-9.0)	6.2 (3.6-10.4)	5.3 (3.1-9.0)	18.5 (11.1-29.2)	Yes
QN22: Percentage of students who experienced physical dating violence (being physically hurt on purpose by someone they were dating or going out with [counting such things as being hit, slammed into something, or injured with an object or weapon] one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey)	6.3 (3.8-10.3)	6.3 (3.8-10.4)	10.7 (5.8-18.9)	16.6 (8.3-30.3)	Yes
QN23: Percentage of students who were bullied on school property (ever during the 12 months before the survey)	22.0 (19.4-24.9)	22.8 (17.6-29.1)	25.7 (19.9-32.4)	34.1 (24.5-45.2)	Yes
QN24: Percentage of students who were electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media, ever during the 12 months before the survey)	15.5 (12.7-18.8)	17.0 (13.7-21.0)	21.9 (17.2-27.6)	27.1 (18.3-38.1)	Yes
QN25: Percentage of students who felt sad or hopeless (almost every day for $\geq 2$ weeks in a row so that they stopped doing some usual activities, ever during the 12 months before the survey)	32.7 (29.1-36.5)	36.0 (31.3-41.0)	43.6 (37.3-50.1)	53.5 (42.6-64.1)	Yes

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	A's	B's	C's	D's/F's	
	% 95% CI <sup>†</sup>	% 95% CI	% 95% CI	% 95% CI	
<b>Health Risk Behavior</b>					
QN26: Percentage of students who seriously considered attempting suicide (ever during the 12 months before the survey)	16.3 (13.2-20.0)	16.9 (12.9-21.8)	18.8 (14.4-24.1)	37.5 (26.7-49.6)	Yes
QN27: Percentage of students who made a plan about how they would attempt suicide (during the 12 months before the survey)	14.2 (11.4-17.7)	16.0 (12.3-20.7)	13.5 (9.7-18.4)	33.5 (22.8-46.2)	Yes
QN28: Percentage of students who attempted suicide (one or more times during the 12 months before the survey)	5.4 (3.7-7.9)	7.5 (5.4-10.5)	12.2 (7.6-19.1)	20.9 (13.4-31.0)	Yes
QN29: Percentage of students who had a suicide attempt that resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse (during the 12 months before the survey)	1.6 (0.7-3.5)	2.2 (1.2-4.0)	7.9 (4.1-14.9)	9.6 (4.5-19.2)	Yes

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

<sup>†</sup> Confidence interval.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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					
QN30: Percentage of students who ever tried cigarette smoking (even one or two puffs)	23.5 (19.5-28.0)	31.6 (25.9-38.0)	41.2 (33.5-49.2)	60.4 (44.3-74.6)	Yes
QN31: Percentage of students who first tried cigarette smoking before age 13 years (even one or two puffs)	6.1 (4.5-8.4)	12.0 (9.4-15.2)	21.1 (15.9-27.5)	31.0 (18.3-47.5)	Yes
QN32: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)	5.0 (3.7-6.7)	9.0 (5.9-13.6)	13.5 (9.5-18.9)	30.4 (20.3-42.8)	Yes
QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)	0.9 (0.3-2.8)	3.1 (1.8-5.1)	4.6 (2.5-8.1)	15.8 (8.4-27.7)	Yes
QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)	0.7 (0.2-2.7)	2.1 (1.3-3.5)	3.5 (1.6-7.7)	11.0 (5.1-22.0)	Yes
QN33: 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)	8.2 (2.6-22.9)	2.5 (0.5-12.6)	18.2 (6.9-40.0)	-	

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- = Fewer than 30 students in this subgroup.

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### Kentucky High 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					
QN34: Percentage of students who ever used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo])	49.0 (44.8-53.2)	56.7 (50.8-62.5)	61.5 (52.1-70.1)	71.9 (59.1-82.0)	Yes
QN35: Percentage of students who currently used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo], on at least 1 day during the 30 days before the survey)	20.4 (16.1-25.5)	29.4 (23.4-36.2)	32.1 (25.6-39.5)	44.4 (31.5-58.0)	Yes
QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey)	7.1 (4.2-11.6)	14.5 (10.1-20.3)	14.8 (9.9-21.5)	17.8 (9.9-29.9)	Yes
QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey)	5.2 (3.1-8.6)	10.4 (7.0-15.1)	13.0 (8.5-19.3)	16.1 (8.3-28.7)	Yes
QN36: 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 and who were aged <18 years)	9.8 (4.6-19.6)	16.3 (9.9-25.7)	9.1 (3.3-22.9)	19.9 (7.9-42.1)	No

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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					
QN37: 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)	3.8 (2.3-6.3)	5.3 (3.6-7.6)	10.3 (6.7-15.5)	24.6 (14.3-39.0)	Yes
QN38: Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey)	4.8 (3.3-6.8)	7.6 (5.4-10.6)	10.2 (6.7-15.2)	25.3 (17.5-35.2)	Yes
QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey)	8.1 (6.0-10.8)	13.5 (9.9-18.1)	18.0 (13.6-23.5)	37.5 (27.1-49.1)	Yes
QNTB3: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco (on at least 1 day during the 30 days before the survey)	9.0 (6.7-12.2)	15.3 (11.6-19.9)	21.3 (16.4-27.1)	44.6 (32.6-57.3)	Yes
QNTB4: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco or electronic vapor products (on at least 1 day during the 30 days before the survey)	22.8 (18.3-28.0)	33.4 (27.1-40.3)	36.4 (29.2-44.3)	54.1 (41.4-66.3)	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)	21.9 (17.5-27.0)	31.5 (25.3-38.5)	34.2 (27.4-41.8)	50.3 (39.1-61.4)	Yes

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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	
<b>Health Risk Behavior</b>					
QN39: Percentage of students who tried to quit using all tobacco products (including cigarettes, cigars, smokeless tobacco, shisha or hookah tobacco, and electronic vapor products, ever during the 12 months before the survey, among students who used any tobacco products during the 12 months before the survey)	52.0 (42.5-61.5)	55.4 (46.7-63.8)	44.3 (31.9-57.4)	52.6 (38.1-66.7)	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 High 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					
QN40: Percentage of students who had their first drink of alcohol before age 13 years (other than a few sips)	11.0 (8.4-14.2)	14.4 (11.3-18.4)	22.6 (17.3-29.0)	29.2 (18.7-42.6)	Yes
QN41: Percentage of students who currently drank alcohol (at least one drink of alcohol, on at least 1 day during the 30 days before the survey)	19.4 (16.1-23.1)	25.9 (21.5-30.9)	28.3 (22.4-35.0)	35.4 (25.7-46.4)	Yes
QN42: Percentage of students who currently were binge drinking (had four or more drinks of alcohol in a row for female students or five or more drinks of alcohol in a row for male students, within a couple of hours, on at least 1 day during the 30 days before the survey)	8.3 (6.2-10.9)	11.6 (8.2-16.0)	11.9 (9.0-15.5)	15.0 (7.5-27.7)	Yes
QN43: Percentage of students who reported that the largest number of drinks they had in a row was 10 or more (within a couple of hours, during the 30 days before the survey)	2.2 (1.1-4.6)	3.9 (2.3-6.5)	5.0 (2.8-8.8)	7.4 (2.9-17.6)	No
QN45: Percentage of students who ever used marijuana (one or more times during their life)	20.0 (16.3-24.3)	39.5 (34.7-44.5)	47.7 (39.4-56.2)	59.4 (45.3-72.1)	Yes
QN46: Percentage of students who tried marijuana for the first time before age 13 years	2.9 (1.8-4.6)	7.2 (5.4-9.6)	11.3 (7.7-16.3)	22.6 (13.6-35.1)	Yes
QN47: Percentage of students who currently used marijuana (one or more times during the 30 days before the survey)	8.8 (7.0-11.1)	20.4 (16.7-24.7)	23.8 (18.9-29.5)	37.3 (27.8-47.8)	Yes

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## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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 <sup>†</sup>	% 95% CI	% 95% CI	% 95% CI	
<b>Health Risk Behavior</b>					
QN48: Percentage of students who ever used synthetic marijuana (one or more times during their life)	3.5 (1.9-6.2)	5.8 (3.6-9.2)	9.9 (6.6-14.7)	15.8 (8.7-27.1)	Yes
QN49: 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, one or more times during their life)	7.6 (5.6-10.3)	11.2 (8.3-15.0)	13.3 (9.9-17.6)	22.3 (12.0-37.5)	Yes
QN50: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase, one or more times during their life)	1.8 (1.0-3.4)	3.2 (1.9-5.3)	5.0 (3.1-8.0)	10.3 (5.7-18.0)	Yes
QN51: Percentage of students who ever used inhalants (sniffed glue, breathed the contents of aerosol spray cans, or inhaled any paints or sprays to get high, one or more times during their life)	3.8 (2.6-5.5)	5.8 (3.5-9.4)	6.3 (4.0-9.9)	15.8 (8.6-27.1)	Yes
QN52: Percentage of students who ever used heroin (also called "smack," "junk," or "China White," one or more times during their life)	0.7 (0.3-1.8)	1.7 (0.8-3.5)	2.4 (1.0-5.7)	5.8 (1.9-16.0)	Yes
QN53: Percentage of students who ever used methamphetamines (also called "speed," "crystal meth," "crank," "ice," or "meth," one or more times during their life)	1.2 (0.5-2.6)	2.1 (1.1-3.9)	2.1 (0.9-4.9)	7.8 (3.6-16.3)	Yes

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	A's	B's	C's	D's/F's	
	% 95% CI <sup>†</sup>	% 95% CI	% 95% CI	% 95% CI	
<b>Health Risk Behavior</b>					
QN54: Percentage of students who ever used ecstasy (also called "MDMA," one or more times during their life)	1.5 (0.8-2.8)	3.6 (2.2-5.9)	6.3 (3.8-10.4)	10.8 (5.5-20.0)	Yes
QN55: Percentage of students who ever took steroids without a doctor's prescription (pills or shots, one or more times during their life)	1.1 (0.6-2.2)	0.7 (0.2-1.9)	3.8 (2.4-6.0)	5.4 (2.8-10.0)	Yes
QN56: Percentage of students who ever injected any illegal drug (used a needle to inject any illegal drug into their body, one or more times during their life)	0.9 (0.4-2.0)	1.9 (1.0-3.7)	2.5 (1.0-6.2)	8.0 (4.1-14.8)	Yes
QN57: Percentage of students who were offered, sold, or given an illegal drug on school property (during the 12 months before the survey)	21.4 (18.9-24.1)	25.9 (21.2-31.2)	29.7 (23.7-36.5)	29.6 (20.4-41.0)	Yes

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## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High School Survey Risk Behaviors and Academic Achievement Report

Total 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	
<b>Health Risk Behavior</b>					
QN58: Percentage of students who ever had sexual intercourse	31.7 (26.3-37.7)	45.4 (39.8-51.0)	46.9 (40.1-53.9)	59.9 (43.8-74.1)	Yes
QN59: Percentage of students who had sexual intercourse for the first time before age 13 years	1.8 (1.2-2.8)	3.0 (1.8-4.9)	4.5 (2.5-7.9)	8.0 (3.5-17.3)	Yes
QN60: Percentage of students who had sexual intercourse with four or more persons during their life	4.7 (2.9-7.4)	9.8 (6.9-13.5)	9.6 (6.4-14.2)	29.3 (18.0-43.9)	Yes
QN61: Percentage of students who were currently sexually active (had sexual intercourse with at least one person, during the 3 months before the survey)	23.8 (19.8-28.4)	34.0 (28.9-39.5)	32.0 (25.0-40.1)	36.8 (24.6-50.9)	Yes
QN62: Percentage of students who drank alcohol or used drugs before last sexual intercourse (among students who were currently sexually active)	7.4 (4.1-12.8)	14.4 (10.2-20.1)	20.3 (10.8-34.8)	-	
QN63: Percentage of students who used a condom during last sexual intercourse (among students who were currently sexually active)	60.1 (52.3-67.5)	51.8 (40.9-62.5)	47.9 (35.6-60.4)	-	

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- = Fewer than 30 students in this subgroup.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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	
QN64: Percentage of students who used birth control pills before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)	30.5 (24.3-37.6)	21.4 (13.7-31.9)	21.9 (10.0-41.6)	-	
QNIUDIMP: Percentage of students who used an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)	3.2 (1.4-7.2)	9.1 (5.4-14.9)	11.2 (4.5-25.2)	-	
QNOTHHPL: Percentage of students who used birth control pills; an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon); or a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)	37.5 (31.1-44.5)	38.9 (30.6-47.8)	38.1 (25.2-53.0)	-	
QNDUALBC: Percentage of students who used both a condom during last sexual intercourse and birth control pills; an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon); or a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)	11.9 (7.7-18.1)	13.0 (7.3-22.2)	9.5 (5.2-16.7)	-	
QNBCNONE: Percentage of students who did not use any method to prevent pregnancy during last sexual intercourse (among students who were currently sexually active)	7.9 (4.7-13.0)	13.4 (8.5-20.5)	18.6 (9.6-33.0)	-	

\*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 High School Survey Risk Behaviors and Academic Achievement Report

Total 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	
<b>Health Risk Behavior</b>					
QN85: Percentage of students who were tested for a sexually transmitted disease (STD) other than HIV, such as chlamydia or gonorrhea (during the 12 months before the survey)	7.2 (4.8-10.6)	14.8 (11.6-18.8)	13.2 (10.2-17.0)	22.0 (12.6-35.5)	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 High 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					
QNOBESE: Percentage of students who had obesity ( $\geq$ 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts) <sup>§</sup>	14.9 (11.2-19.6)	18.8 (14.7-23.9)	26.1 (20.1-33.0)	12.6 (7.4-20.9)	Yes
QNOWT: Percentage of students who were overweight ( $\geq$ 85th percentile but $<$ 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts) <sup>§</sup>	19.4 (16.9-22.1)	15.2 (12.5-18.3)	16.0 (11.7-21.5)	24.1 (15.2-35.9)	No
QN67: Percentage of students who described themselves as slightly or very overweight	34.3 (30.2-38.5)	33.3 (28.6-38.3)	38.0 (32.6-43.8)	43.0 (31.9-54.9)	No
QN69: Percentage of students who did not drink fruit juice (100% fruit juices one or more times during the 7 days before the survey)	37.1 (33.3-41.0)	26.3 (22.4-30.7)	31.6 (24.7-39.4)	26.8 (18.9-36.4)	Yes
QN70: Percentage of students who did not eat fruit (one or more times during the 7 days before the survey)	16.7 (14.1-19.6)	16.8 (13.4-20.8)	24.3 (19.5-29.9)	23.7 (14.7-35.9)	Yes
QNFR0: Percentage of students who did not eat fruit or drink 100% fruit juices (such as orange juice, apple juice, or grape juice, during the 7 days before the survey)	10.2 (8.3-12.4)	7.4 (5.2-10.4)	13.8 (10.1-18.7)	16.9 (9.7-27.9)	Yes

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

† Confidence interval.

§ Based on reference data from the 2000 CDC Growth Charts. In 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High School Survey Risk Behaviors and Academic Achievement Report

**Total  
Dietary Behaviors**

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI <sup>†</sup>	% 95% CI	% 95% CI	% 95% CI	
QNFR1: Percentage of students who ate fruit or drank 100% fruit juices one or more times per day (such as orange juice, apple juice, or grape juice, during the 7 days before the survey)	47.8 (43.2-52.6)	45.4 (40.4-50.5)	48.6 (41.5-55.8)	51.8 (39.9-63.5)	No
QNFR2: Percentage of students who ate fruit or drank 100% fruit juices two or more times per day (such as orange juice, apple juice, or grape juice, during the 7 days before the survey)	21.7 (17.8-26.2)	18.5 (14.8-22.9)	20.5 (15.6-26.4)	19.6 (11.2-32.0)	No
QN71: Percentage of students who did not eat green salad (one or more times during the 7 days before the survey)	47.4 (41.9-52.9)	49.9 (45.7-54.2)	58.1 (50.8-65.0)	59.2 (45.7-71.4)	No
QN72: Percentage of students who did not eat potatoes (one or more times during the 7 days before the survey)	38.4 (33.8-43.1)	33.4 (28.5-38.6)	43.6 (37.5-50.0)	37.2 (22.8-54.4)	No
QN73: Percentage of students who did not eat carrots (one or more times during the 7 days before the survey)	61.2 (57.3-64.9)	63.7 (59.2-67.9)	65.7 (60.4-70.6)	60.4 (50.0-69.9)	No
QN74: Percentage of students who did not eat other vegetables (one or more times during the 7 days before the survey)	21.3 (18.7-24.1)	22.9 (19.1-27.2)	30.5 (23.2-39.0)	36.8 (25.0-50.3)	Yes

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

<sup>†</sup> Confidence interval.



## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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					
QNVEG0: Percentage of students who did not eat vegetables (green salad, potatoes [excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)	10.2 (7.6-13.5)	8.3 (6.2-11.2)	12.7 (9.0-17.6)	20.2 (11.1-34.0)	Yes
QNVEG1: Percentage of students who ate vegetables one or more times per day (green salad, potatoes [excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)	49.4 (45.0-53.7)	47.8 (42.2-53.5)	45.7 (39.5-52.0)	50.4 (38.5-62.3)	No
QNVEG2: Percentage of students who ate vegetables two or more times per day (green salad, potatoes [excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)	20.5 (18.1-23.2)	16.6 (13.6-20.1)	16.4 (12.9-20.5)	18.8 (11.3-29.6)	Yes
QNVEG3: Percentage of students who ate vegetables three or more times per day (green salad, potatoes [excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)	9.2 (7.0-12.2)	7.5 (5.5-10.1)	8.6 (5.7-12.8)	8.2 (3.6-17.8)	No
QN75: Percentage of students who did not drink a can, bottle, or glass of soda or pop (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)	28.0 (24.5-31.9)	23.2 (19.8-27.0)	24.2 (17.8-32.0)	27.2 (17.7-39.4)	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 High 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	
<b>Health Risk Behavior</b>					
QNSODA1: Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)	24.2 (19.8-29.2)	24.8 (21.0-29.0)	26.0 (20.1-32.9)	39.9 (28.2-52.8)	No
QNSODA2: Percentage of students who drank a can, bottle, or glass of soda or pop two or more times per day (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)	15.7 (12.3-20.0)	17.0 (14.1-20.3)	19.9 (14.0-27.4)	26.2 (17.1-38.0)	No
QN76: Percentage of students who did not drink milk (during the 7 days before the survey)	32.8 (29.7-36.0)	28.6 (24.7-32.8)	24.7 (18.6-31.9)	32.3 (22.9-43.3)	No
QNMILK1: Percentage of students who drank one or more glasses per day of milk (counting the milk they drank in a glass or cup, from a carton, or with cereal and counting the half pint of milk served at school as equal to one glass, during the 7 days before the survey)	23.4 (21.4-25.5)	23.5 (19.3-28.4)	29.4 (23.8-35.6)	19.2 (10.8-31.9)	No
QNMILK3: Percentage of students who drank three or more glasses per day of milk (counting the milk they drank in a glass or cup, from a carton, or with cereal and counting the half pint of milk served at school as equal to one glass, during the 7 days before the survey)	5.9 (4.2-8.1)	6.2 (4.1-9.3)	10.8 (7.1-16.0)	9.1 (3.9-19.5)	No
QN77: Percentage of students who did not eat breakfast (during the 7 days before the survey)	13.6 (11.0-16.8)	16.5 (11.7-22.7)	16.3 (11.1-23.3)	27.0 (17.7-39.0)	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 High 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	
Health Risk Behavior	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey)	31.4 (27.3-35.8)	21.6 (17.8-25.9)	21.7 (17.1-27.0)	25.5 (15.4-39.2)	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 High 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					
QN78: 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)	38.8 (35.3-42.5)	37.9 (33.1-43.1)	36.7 (29.5-44.5)	30.1 (22.1-39.5)	Yes
QNPA0DAY: Percentage of students who did not participate in at least 60 minutes of physical activity on at least 1 day (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)	17.4 (14.3-21.0)	19.5 (16.0-23.5)	19.5 (14.3-26.1)	28.9 (18.8-41.8)	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)	18.9 (16.1-21.9)	18.6 (15.0-22.8)	20.2 (14.4-27.5)	15.3 (8.4-26.3)	No
QN79: Percentage of students who watched television 3 or more hours per day (on an average school day)	18.3 (15.4-21.6)	22.5 (19.1-26.3)	21.9 (17.0-27.7)	30.5 (21.0-42.0)	Yes
QN80: Percentage of students who played video or computer games or used a computer 3 or more hours per day (counting time spent on things such as Xbox, PlayStation, an iPad or other tablet, a smartphone, texting, YouTube, Instagram, Facebook, or other social media, for something that was not school work, on an average school day)	47.3 (42.6-52.0)	47.1 (42.8-51.4)	47.3 (41.5-53.1)	52.8 (41.8-63.6)	No
QN81: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school)	26.6 (20.7-33.5)	34.1 (27.2-41.7)	36.3 (27.2-46.4)	33.2 (21.7-47.0)	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 High 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 <sup>†</sup>	% 95% CI	% 95% CI	% 95% CI	
<b>Health Risk Behavior</b>					
QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school)	16.2 (11.1-23.1)	19.1 (13.8-25.9)	18.4 (12.0-27.1)	12.8 (5.8-26.1)	No
QN82: Percentage of students who played on at least one sports team (counting any teams run by their school or community groups, during the 12 months before the survey)	49.7 (45.2-54.2)	48.2 (42.6-53.8)	40.7 (32.5-49.5)	29.6 (17.0-46.2)	Yes
QN88: Percentage of students who got 8 or more hours of sleep (on an average school night)	21.1 (18.4-24.1)	17.2 (12.9-22.5)	19.4 (14.9-24.8)	16.1 (8.5-28.2)	No

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

<sup>†</sup> Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky High School Survey  
Risk Behaviors and Academic Achievement Report

Total Other	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
<b>Health Risk Behavior</b>					
QN84: Percentage of students who were ever tested for human immunodeficiency virus (HIV) (not counting tests done if they donated blood)	8.4 (6.4-11.0)	13.5 (9.9-18.3)	11.3 (8.6-14.6)	21.6 (13.8-32.3)	Yes
QN86: Percentage of students who saw a dentist (for a check-up, exam, teeth cleaning, or other dental work, during the 12 months before the survey)	77.9 (73.7-81.6)	72.6 (66.5-77.9)	63.7 (57.0-69.9)	58.6 (44.8-71.2)	Yes
QNNODNT: Percentage of students who never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work)	1.5 (0.9-2.7)	1.0 (0.4-2.4)	1.1 (0.4-3.1)	6.9 (2.5-17.9)	Yes
QN87: Percentage of students who had ever been told by a doctor or nurse that they had asthma	21.7 (18.6-25.1)	23.6 (20.0-27.6)	27.2 (18.6-37.9)	27.7 (17.8-40.4)	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 High 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 <sup>†</sup>	% 95% CI	% 95% CI	% 95% CI	
<b>Health Risk Behavior</b>					
QN90: 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)	14.6 (12.1-17.6)	17.6 (14.3-21.4)	21.9 (18.2-26.0)	29.3 (20.2-40.3)	Yes
QN91: Percentage of students who smoked cigarettes on school property (on at least 1 day during the 30 days before the survey)	2.3 (1.4-3.9)	4.0 (2.6-6.2)	9.1 (6.0-13.6)	13.9 (8.0-23.2)	Yes
QN92: Percentage of students who used an electronic vapor product on school property (on at least 1 day during the 30 days before the survey)	15.0 (11.9-18.8)	21.5 (17.6-26.1)	26.2 (20.7-32.6)	36.0 (22.5-52.2)	Yes
QN93: Percentage of students who had oral sex	36.3 (31.8-41.0)	42.3 (36.3-48.6)	44.2 (35.8-52.9)	51.3 (37.5-64.9)	Yes
QN94: 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)	7.4 (5.8-9.5)	8.5 (5.7-12.4)	9.7 (6.7-13.9)	18.8 (11.0-30.2)	Yes
QN95: Percentage of students who brushed their teeth on all 7 days (during the 7 days before the survey)	76.8 (73.3-80.0)	70.1 (65.7-74.1)	60.6 (52.9-67.9)	55.9 (42.3-68.7)	Yes
QN96: Percentage of students who flossed their teeth on all 7 days (during the 7 days before the survey)	14.8 (12.6-17.2)	12.4 (10.0-15.4)	14.7 (10.7-19.8)	10.9 (4.8-22.9)	No

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

<sup>†</sup> Confidence interval.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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	
<b>Health Risk Behavior</b>					
QN97: 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)	7.7 (4.1-14.0)	9.4 (5.3-16.0)	20.4 (11.7-33.2)	25.4 (8.3-56.0)	Yes
QN98: Percentage of students who missed one or more days of school because their mental health was not good (including stress, depression, and problems with emotions, during the 30 days before the survey)	20.9 (17.8-24.4)	25.5 (21.0-30.5)	34.0 (26.9-42.0)	45.9 (33.9-58.3)	Yes
QN99: Percentage of students who did not usually sleep in their parent's or guardian's home (during the 30 days before the survey)	2.8 (1.7-4.4)	5.3 (4.0-7.0)	6.7 (4.0-11.1)	12.4 (6.8-21.4)	Yes
QN100: Percentage of students who do not have an adult in their life that they trust and can talk to about serious problems	11.5 (9.2-14.2)	14.2 (12.2-16.4)	24.5 (19.9-29.8)	31.7 (20.4-45.7)	Yes
QN101: 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	78.2 (75.2-81.0)	67.5 (63.4-71.3)	55.8 (48.9-62.5)	60.4 (48.2-71.4)	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)	68.9 (64.7-72.8)	59.9 (53.8-65.7)	53.8 (46.4-61.0)	49.0 (35.9-62.2)	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 High 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 <sup>†</sup>	% 95% CI	% 95% CI	% 95% CI	
<b>Health Risk Behavior</b>					
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)	60.3 (54.8-65.5)	51.2 (46.1-56.3)	46.6 (38.9-54.5)	42.3 (32.1-53.1)	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)	44.5 (38.5-50.6)	39.3 (34.4-44.3)	33.8 (26.8-41.4)	32.3 (23.1-43.1)	No

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

<sup>†</sup> Confidence interval.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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	
QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car driven by someone else)	6.5 (3.7-11.1)	6.9 (4.1-11.4)	13.2 (8.2-20.6)	17.4 (6.8-37.7)	No
QN10: Percentage of students who drove a car or other vehicle when they had been drinking alcohol (one or more times during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey)	4.8 (1.4-15.3)	2.9 (1.0-8.2)	1.8 (0.3-10.9)	-	
QN11: Percentage of students who texted or e-mailed while driving a car or other vehicle (on at least 1 day during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey)	32.3 (23.4-42.6)	38.2 (30.0-47.0)	32.7 (20.8-47.4)	-	
QN12: Percentage of students who carried a weapon (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey)	19.3 (15.1-24.5)	22.5 (17.8-28.0)	23.4 (15.9-33.2)	48.4 (32.9-64.1)	Yes
QN13: Percentage of students who carried a weapon on school property (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey)	3.3 (1.5-7.0)	3.6 (1.8-7.0)	2.5 (0.8-7.7)	15.8 (7.0-32.0)	Yes
QN14: Percentage of students who carried a gun (not counting the days when they carried a gun only for hunting or for a sport such as target shooting, on at least 1 day during the 12 months before the survey)	6.5 (4.3-9.7)	8.9 (6.1-12.8)	9.1 (4.1-19.0)	21.3 (9.6-40.8)	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 High 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	
QN15: Percentage of students who did not go to school because they felt unsafe at school or on their way to or from school (on at least 1 day during the 30 days before the survey)	6.9 (4.5-10.6)	7.8 (4.0-14.4)	7.9 (4.1-14.7)	6.7 (2.8-15.5)	No
QN16: Percentage of students who were threatened or injured with a weapon on school property (such as a gun, knife, or club, one or more times during the 12 months before the survey)	5.3 (3.0-9.3)	9.3 (6.0-14.1)	7.9 (3.8-15.5)	8.6 (2.9-23.0)	No
QN17: Percentage of students who were in a physical fight (one or more times during the 12 months before the survey)	18.4 (14.0-23.8)	22.5 (18.6-27.0)	25.7 (19.4-33.2)	50.8 (35.5-66.0)	Yes
QN18: Percentage of students who were in a physical fight on school property (one or more times during the 12 months before the survey)	5.4 (3.3-8.8)	3.2 (1.7-6.2)	6.5 (3.1-13.2)	24.6 (14.5-38.5)	Yes
QN20: Percentage of students who experienced sexual violence (being forced by anyone to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to, one or more times during the 12 months before the survey)	5.6 (3.3-9.3)	3.7 (2.0-6.8)	3.4 (1.2-9.0)	3.3 (0.6-16.8)	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 High 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	
QN21: Percentage of students who experienced sexual dating violence (being forced by someone they were dating or going out with to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to, one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey)	2.4 (0.8-6.8)	3.4 (1.3-8.9)	1.5 (0.2-10.5)	8.7 (2.5-26.4)	No
QN22: Percentage of students who experienced physical dating violence (being physically hurt on purpose by someone they were dating or going out with [counting such things as being hit, slammed into something, or injured with an object or weapon] one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey)	5.1 (2.2-11.1)	3.7 (1.5-8.8)	6.2 (2.5-14.6)	13.0 (4.3-33.3)	No
QN23: Percentage of students who were bullied on school property (ever during the 12 months before the survey)	20.0 (15.7-25.2)	16.5 (10.5-25.0)	20.4 (12.7-31.1)	21.1 (9.4-40.8)	No
QN24: Percentage of students who were electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media, ever during the 12 months before the survey)	11.1 (7.8-15.5)	12.1 (8.0-17.9)	16.2 (9.3-26.8)	15.1 (6.5-31.2)	No
QN25: Percentage of students who felt sad or hopeless (almost every day for $\geq 2$ weeks in a row so that they stopped doing some usual activities, ever during the 12 months before the survey)	24.5 (18.0-32.4)	26.6 (20.5-33.8)	31.5 (22.9-41.6)	36.4 (24.5-50.1)	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 High 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	
QN26: Percentage of students who seriously considered attempting suicide (ever during the 12 months before the survey)	13.8 (10.4-18.1)	14.5 (9.4-21.9)	10.7 (5.8-19.2)	26.9 (14.5-44.5)	No
QN27: Percentage of students who made a plan about how they would attempt suicide (during the 12 months before the survey)	13.6 (10.5-17.5)	13.8 (9.4-19.9)	9.7 (6.1-15.3)	30.3 (16.9-48.1)	Yes
QN28: Percentage of students who attempted suicide (one or more times during the 12 months before the survey)	3.2 (1.7-6.0)	5.7 (3.4-9.5)	10.1 (5.1-18.9)	17.2 (8.0-33.1)	Yes
QN29: Percentage of students who had a suicide attempt that resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse (during the 12 months before the survey)	1.5 (0.5-4.0)	1.9 (0.7-4.8)	6.5 (2.3-17.1)	11.8 (4.2-29.2)	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 High 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	
QN30: Percentage of students who ever tried cigarette smoking (even one or two puffs)	23.9 (17.9-31.1)	29.1 (23.9-35.0)	44.5 (34.6-54.9)	65.6 (44.6-81.9)	Yes
QN31: Percentage of students who first tried cigarette smoking before age 13 years (even one or two puffs)	7.5 (5.0-11.1)	12.3 (8.7-17.1)	20.8 (14.8-28.4)	43.7 (23.9-65.7)	Yes
QN32: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)	6.0 (3.9-9.2)	9.5 (6.2-14.3)	14.7 (10.1-20.8)	35.5 (21.8-52.2)	Yes
QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)	0.6 (0.1-5.1)	3.3 (1.7-6.4)	4.0 (2.2-7.2)	19.6 (9.9-35.2)	Yes
QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)	0.6 (0.1-5.1)	1.9 (0.9-3.9)	2.4 (0.7-7.9)	10.7 (4.5-23.4)	Yes
QN33: Percentage of students who smoked more than 10 cigarettes per day (on the days they smoked during the 30 days before the survey, among students who currently smoked cigarettes)	-	-	-	-	

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

† Confidence interval.

- = Fewer than 30 students in this subgroup.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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					
QN34: Percentage of students who ever used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo])	47.3 (41.5-53.2)	54.8 (49.1-60.4)	62.5 (50.3-73.4)	69.7 (54.0-81.9)	Yes
QN35: Percentage of students who currently used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo], on at least 1 day during the 30 days before the survey)	21.3 (15.0-29.3)	30.3 (23.8-37.6)	36.2 (28.5-44.8)	43.5 (25.6-63.1)	Yes
QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey)	9.8 (5.1-18.0)	17.9 (12.6-24.7)	17.5 (10.6-27.5)	20.5 (8.6-41.4)	Yes
QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey)	7.8 (4.4-13.4)	12.9 (9.0-18.3)	16.2 (9.7-25.9)	20.5 (8.6-41.4)	Yes
QN36: 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 and who were aged <18 years)	17.3 (7.2-35.9)	24.7 (16.0-36.0)	8.9 (2.9-23.9)	-	

\*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 High 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		
QN37: 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)	6.4 (3.7-11.0)	9.6 (6.5-14.0)	12.9 (7.9-20.3)	30.8 (16.5-50.1)	Yes	
QN38: Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey)	7.5 (5.4-10.3)	10.4 (7.3-14.7)	11.3 (6.5-18.9)	24.9 (12.7-43.0)	Yes	
QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey)	11.0 (7.8-15.2)	15.2 (11.5-20.0)	18.4 (13.0-25.4)	36.9 (23.0-53.4)	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)	12.6 (8.8-17.7)	18.7 (14.6-23.6)	23.4 (18.2-29.6)	49.2 (32.9-65.6)	Yes	
QNTB4: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco or electronic vapor products (on at least 1 day during the 30 days before the survey)	24.6 (17.7-33.1)	35.3 (28.7-42.4)	39.8 (31.5-48.7)	55.5 (37.9-71.9)	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)	22.8 (16.3-30.9)	32.7 (26.2-40.0)	37.6 (29.4-46.6)	51.3 (36.3-66.1)	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 High 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	
Health Risk Behavior		% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QN39: Percentage of students who tried to quit using all tobacco products (including cigarettes, cigars, smokeless tobacco, shisha or hookah tobacco, and electronic vapor products, ever during the 12 months before the survey, among students who used any tobacco products during the 12 months before the survey)		48.7 (31.6-66.0)	59.0 (44.4-72.2)	44.2 (30.7-58.7)	-	

\*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 High 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	
QN40: Percentage of students who had their first drink of alcohol before age 13 years (other than a few sips)	10.8 (7.6-15.1)	16.0 (11.6-21.7)	26.9 (18.3-37.6)	28.7 (13.6-50.7)	Yes
QN41: Percentage of students who currently drank alcohol (at least one drink of alcohol, on at least 1 day during the 30 days before the survey)	20.0 (15.1-26.0)	24.5 (18.3-32.0)	26.6 (19.3-35.4)	32.6 (18.9-50.1)	No
QN42: Percentage of students who currently were binge drinking (had four or more drinks of alcohol in a row for female students or five or more drinks of alcohol in a row for male students, within a couple of hours, on at least 1 day during the 30 days before the survey)	10.1 (6.8-14.7)	12.4 (7.8-19.2)	14.2 (9.5-20.8)	12.6 (3.7-35.2)	No
QN43: Percentage of students who reported that the largest number of drinks they had in a row was 10 or more (within a couple of hours, during the 30 days before the survey)	3.5 (1.3-8.9)	5.0 (2.7-9.2)	5.1 (2.8-9.2)	9.7 (3.3-25.4)	No
QN45: Percentage of students who ever used marijuana (one or more times during their life)	21.3 (17.3-26.0)	35.6 (29.9-41.6)	46.2 (36.4-56.3)	51.7 (36.9-66.2)	Yes
QN46: Percentage of students who tried marijuana for the first time before age 13 years	3.8 (2.2-6.6)	6.6 (4.0-10.6)	9.9 (5.4-17.2)	25.0 (12.7-43.4)	Yes
QN47: Percentage of students who currently used marijuana (one or more times during the 30 days before the survey)	8.8 (6.3-12.1)	20.1 (14.5-27.2)	25.9 (19.9-32.9)	36.0 (22.4-52.3)	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 High 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	
QN48: Percentage of students who ever used synthetic marijuana (one or more times during their life)	4.9 (2.6-9.2)	6.4 (3.4-11.9)	8.4 (4.7-14.6)	15.1 (6.4-31.6)	No
QN49: 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, one or more times during their life)	6.4 (3.8-10.6)	12.1 (8.1-17.8)	12.2 (8.2-17.8)	24.2 (11.9-43.0)	Yes
QN50: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase, one or more times during their life)	2.5 (1.2-4.9)	4.1 (2.0-8.2)	5.5 (3.0-10.1)	11.5 (4.7-25.3)	Yes
QN51: Percentage of students who ever used inhalants (sniffed glue, breathed the contents of aerosol spray cans, or inhaled any paints or sprays to get high, one or more times during their life)	3.6 (2.3-5.6)	6.1 (3.2-11.3)	4.1 (1.7-9.5)	12.9 (4.9-29.8)	No
QN52: Percentage of students who ever used heroin (also called "smack," "junk," or "China White," one or more times during their life)	1.2 (0.5-3.3)	1.9 (0.7-5.3)	1.9 (0.6-5.9)	5.5 (1.5-17.5)	No
QN53: Percentage of students who ever used methamphetamines (also called "speed," "crystal meth," "crank," "ice," or "meth," one or more times during their life)	2.2 (0.9-5.2)	3.0 (1.4-6.4)	1.0 (0.2-4.6)	6.8 (2.4-18.1)	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 High 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	
QN54: Percentage of students who ever used ecstasy (also called "MDMA," one or more times during their life)	2.1 (1.1-4.2)	4.9 (2.3-9.8)	6.2 (3.4-11.2)	7.8 (2.6-20.9)	No
QN55: Percentage of students who ever took steroids without a doctor's prescription (pills or shots, one or more times during their life)	2.1 (1.0-4.2)	1.3 (0.4-3.7)	2.8 (1.1-7.2)	0.4 (0.1-2.9)	No
QN56: Percentage of students who ever injected any illegal drug (used a needle to inject any illegal drug into their body, one or more times during their life)	1.1 (0.4-3.4)	2.2 (0.9-5.2)	0.9 (0.2-3.8)	7.4 (2.5-20.3)	Yes
QN57: Percentage of students who were offered, sold, or given an illegal drug on school property (during the 12 months before the survey)	23.4 (18.7-28.8)	26.6 (20.8-33.3)	29.1 (21.5-38.2)	32.5 (21.2-46.2)	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 High 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	
QN58: Percentage of students who ever had sexual intercourse	31.1 (22.8-40.7)	39.2 (32.1-46.7)	50.6 (40.5-60.6)	51.8 (31.5-71.5)	Yes
QN59: Percentage of students who had sexual intercourse for the first time before age 13 years	2.0 (0.8-4.6)	3.5 (1.9-6.2)	5.1 (2.5-10.1)	10.7 (4.3-24.3)	Yes
QN60: Percentage of students who had sexual intercourse with four or more persons during their life	4.9 (3.1-7.6)	11.5 (7.9-16.5)	10.0 (5.7-17.0)	29.5 (16.2-47.5)	Yes
QN61: Percentage of students who were currently sexually active (had sexual intercourse with at least one person, during the 3 months before the survey)	22.0 (15.5-30.2)	29.2 (22.7-36.7)	31.2 (21.7-42.5)	37.3 (20.8-57.3)	No
QN62: Percentage of students who drank alcohol or used drugs before last sexual intercourse (among students who were currently sexually active)	6.4 (2.4-16.3)	13.2 (8.4-20.0)	24.0 (12.9-40.5)	-	
QN63: Percentage of students who used a condom during last sexual intercourse (among students who were currently sexually active)	66.7 (55.6-76.1)	66.7 (51.3-79.2)	52.0 (35.5-68.2)	-	

\*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 High 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	
QN64: Percentage of students who used birth control pills before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)	24.3 (12.7-41.6)	17.1 (7.7-33.5)	26.9 (10.2-54.4)	-	
QNIUDIMP: Percentage of students who used an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)	2.0 (0.3-12.9)	5.5 (3.6-8.3)	7.7 (1.9-26.2)	-	
QNOTHHPL: Percentage of students who used birth control pills; an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon); or a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)	30.5 (18.5-45.9)	26.0 (15.5-40.1)	41.7 (22.7-63.6)	-	
QNDUALBC: Percentage of students who used both a condom during last sexual intercourse and birth control pills; an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon); or a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)	8.6 (4.5-16.1)	9.4 (3.9-20.9)	4.0 (0.6-22.8)	-	
QNBCNONE: Percentage of students who did not use any method to prevent pregnancy during last sexual intercourse (among students who were currently sexually active)	8.7 (4.0-17.8)	11.2 (4.7-24.6)	7.6 (1.7-28.5)	-	

\*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 High School Survey Risk Behaviors and Academic Achievement Report

**Male**  
**Sexual Behaviors**

<b>Health Risk Behavior</b>	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				<b>Significant Association*</b>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>†</sup>	% 95% CI	% 95% CI	% 95% CI	
QN85: Percentage of students who were tested for a sexually transmitted disease (STD) other than HIV, such as chlamydia or gonorrhea (during the 12 months before the survey)	8.3 (5.3-12.9)	12.0 (7.9-17.6)	9.6 (5.7-15.8)	21.8 (10.4-40.2)	No

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

<sup>†</sup> Confidence interval.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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	
QNOBESE: Percentage of students who had obesity ( $\geq$ 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts) <sup>§</sup>	18.9 (12.6-27.5)	21.8 (16.5-28.4)	26.4 (18.9-35.7)	10.7 (4.0-25.9)	No
QNOWT: Percentage of students who were overweight ( $\geq$ 85th percentile but $<$ 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts) <sup>§</sup>	16.2 (12.6-20.5)	13.0 (8.8-18.7)	14.9 (10.3-20.9)	25.4 (12.9-44.0)	No
QN67: Percentage of students who described themselves as slightly or very overweight	28.5 (22.1-36.0)	30.2 (24.1-37.0)	30.1 (22.9-38.4)	39.9 (28.4-52.7)	No
QN69: Percentage of students who did not drink fruit juice (100% fruit juices one or more times during the 7 days before the survey)	33.7 (27.9-40.2)	22.1 (16.9-28.5)	30.7 (21.4-42.0)	29.2 (20.0-40.4)	No
QN70: Percentage of students who did not eat fruit (one or more times during the 7 days before the survey)	19.4 (15.4-24.0)	17.7 (12.6-24.3)	21.4 (15.2-29.2)	31.3 (18.3-48.1)	No
QNFR0: Percentage of students who did not eat fruit or drink 100% fruit juices (such as orange juice, apple juice, or grape juice, during the 7 days before the survey)	11.7 (8.8-15.3)	8.4 (5.1-13.7)	13.9 (9.4-20.0)	21.9 (11.8-37.2)	Yes

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

† Confidence interval.

§ Based on reference data from the 2000 CDC Growth Charts. In 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.



## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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	
QNFR1: Percentage of students who ate fruit or drank 100% fruit juices one or more times per day (such as orange juice, apple juice, or grape juice, during the 7 days before the survey)	47.6 (41.6-53.7)	45.3 (38.1-52.7)	55.2 (44.8-65.2)	45.9 (32.9-59.5)	No
QNFR2: Percentage of students who ate fruit or drank 100% fruit juices two or more times per day (such as orange juice, apple juice, or grape juice, during the 7 days before the survey)	22.7 (16.8-29.9)	15.9 (11.1-22.2)	22.5 (15.5-31.4)	12.8 (7.6-20.6)	No
QN71: Percentage of students who did not eat green salad (one or more times during the 7 days before the survey)	50.8 (43.4-58.1)	50.8 (44.7-56.9)	61.9 (52.6-70.5)	66.0 (47.8-80.4)	No
QN72: Percentage of students who did not eat potatoes (one or more times during the 7 days before the survey)	36.8 (31.9-42.1)	31.4 (25.1-38.5)	38.4 (30.0-47.5)	41.5 (25.7-59.3)	No
QN73: Percentage of students who did not eat carrots (one or more times during the 7 days before the survey)	63.6 (58.7-68.3)	59.8 (53.6-65.7)	63.6 (54.7-71.6)	60.2 (44.4-74.1)	No
QN74: Percentage of students who did not eat other vegetables (one or more times during the 7 days before the survey)	23.6 (19.8-27.9)	23.0 (17.4-29.8)	28.3 (20.6-37.6)	44.1 (30.6-58.5)	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 High 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	
QNVEG0: Percentage of students who did not eat vegetables (green salad, potatoes [excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)	11.9 (8.6-16.3)	9.0 (5.8-13.6)	12.6 (8.0-19.3)	22.3 (11.1-39.8)	No
QNVEG1: Percentage of students who ate vegetables one or more times per day (green salad, potatoes [excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)	48.3 (41.3-55.4)	51.0 (42.8-59.2)	49.3 (40.0-58.8)	39.3 (26.7-53.4)	No
QNVEG2: Percentage of students who ate vegetables two or more times per day (green salad, potatoes [excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)	19.0 (15.5-23.2)	17.2 (12.8-22.6)	14.5 (10.2-20.1)	15.4 (6.0-34.4)	No
QNVEG3: Percentage of students who ate vegetables three or more times per day (green salad, potatoes [excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)	9.1 (6.0-13.6)	7.6 (4.8-11.9)	6.4 (3.5-11.3)	7.0 (1.5-26.8)	No
QN75: Percentage of students who did not drink a can, bottle, or glass of soda or pop (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)	27.6 (23.0-32.8)	22.6 (18.2-27.6)	21.9 (14.8-31.3)	21.5 (10.6-38.7)	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 High 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	
QNSODA1: Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)	27.1 (21.4-33.8)	23.4 (18.3-29.5)	28.5 (21.6-36.6)	37.0 (25.9-49.7)	No
QNSODA2: Percentage of students who drank a can, bottle, or glass of soda or pop two or more times per day (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)	19.1 (14.6-24.8)	14.9 (11.8-18.7)	21.8 (14.9-30.7)	25.3 (16.8-36.2)	Yes
QN76: Percentage of students who did not drink milk (during the 7 days before the survey)	25.8 (20.5-31.9)	22.4 (17.5-28.2)	18.9 (12.9-26.7)	33.6 (21.5-48.3)	No
QNMILK1: Percentage of students who drank one or more glasses per day of milk (counting the milk they drank in a glass or cup, from a carton, or with cereal and counting the half pint of milk served at school as equal to one glass, during the 7 days before the survey)	29.2 (24.4-34.5)	26.4 (19.9-34.2)	39.0 (31.3-47.3)	20.0 (10.6-34.5)	Yes
QNMILK3: Percentage of students who drank three or more glasses per day of milk (counting the milk they drank in a glass or cup, from a carton, or with cereal and counting the half pint of milk served at school as equal to one glass, during the 7 days before the survey)	9.2 (6.0-13.9)	7.6 (4.5-12.3)	13.9 (8.4-21.9)	5.9 (1.1-25.4)	No
QN77: Percentage of students who did not eat breakfast (during the 7 days before the survey)	14.6 (11.0-19.3)	15.9 (9.6-25.1)	12.4 (7.0-20.9)	26.5 (13.3-45.8)	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 High School Survey Risk Behaviors and Academic Achievement Report

**Male**  
**Dietary Behaviors**

<b>Health Risk Behavior</b>	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				<b>Significant Association*</b>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>†</sup>	% 95% CI	% 95% CI	% 95% CI	
QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey)	34.6 (30.0-39.4)	24.9 (19.1-31.8)	24.5 (18.4-31.9)	34.8 (18.6-55.5)	No

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

<sup>†</sup> Confidence interval.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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	
QN78: 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 (39.6-50.8)	44.9 (38.3-51.6)	44.5 (34.3-55.1)	35.8 (22.6-51.6)	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)	16.9 (12.7-22.0)	12.6 (8.8-17.7)	13.7 (8.6-21.1)	27.4 (15.2-44.3)	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)	24.3 (19.6-29.8)	26.1 (21.1-31.9)	22.7 (14.7-33.4)	16.6 (7.8-31.7)	No
QN79: Percentage of students who watched television 3 or more hours per day (on an average school day)	15.0 (11.9-18.7)	19.6 (15.2-24.9)	19.3 (12.6-28.3)	23.7 (12.9-39.6)	No
QN80: Percentage of students who played video or computer games or used a computer 3 or more hours per day (counting time spent on things such as Xbox, PlayStation, an iPad or other tablet, a smartphone, texting, YouTube, Instagram, Facebook, or other social media, for something that was not school work, on an average school day)	47.5 (42.8-52.2)	51.9 (45.6-58.2)	41.9 (35.0-49.1)	51.2 (34.5-67.7)	No
QN81: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school)	33.2 (26.5-40.6)	40.7 (32.1-49.9)	40.5 (30.2-51.8)	41.4 (26.7-57.9)	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 High 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 <sup>†</sup>	% 95% CI	% 95% CI	% 95% CI	
<b>Health Risk Behavior</b>					
QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school)	19.4 (13.2-27.6)	23.5 (16.1-32.9)	19.9 (12.2-30.9)	15.0 (6.1-32.1)	No
QN82: Percentage of students who played on at least one sports team (counting any teams run by their school or community groups, during the 12 months before the survey)	54.6 (47.5-61.6)	52.2 (44.7-59.5)	45.7 (36.6-55.2)	32.1 (17.5-51.3)	No
QN88: Percentage of students who got 8 or more hours of sleep (on an average school night)	22.0 (17.6-27.1)	17.9 (12.1-25.6)	21.2 (15.7-28.1)	19.4 (9.1-36.6)	No

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

<sup>†</sup> Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky High 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	B's	C's	D's/F's	
		% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
	QN84: Percentage of students who were ever tested for human immunodeficiency virus (HIV) (not counting tests done if they donated blood)	11.8 (8.0-16.9)	12.3 (7.9-18.8)	8.5 (4.5-15.3)	17.6 (8.0-34.7)	No
	QN86: Percentage of students who saw a dentist (for a check-up, exam, teeth cleaning, or other dental work, during the 12 months before the survey)	77.3 (72.7-81.3)	71.2 (63.1-78.1)	64.3 (53.7-73.7)	51.1 (33.4-68.5)	Yes
	QNNODNT: Percentage of students who never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work)	2.0 (0.9-4.4)	0.9 (0.3-3.0)	0.3 (0.1-1.2)	7.9 (2.8-20.3)	Yes
	QN87: Percentage of students who had ever been told by a doctor or nurse that they had asthma	22.2 (18.6-26.4)	26.8 (21.7-32.6)	25.2 (16.1-37.2)	23.6 (11.8-41.6)	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 High 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					
QN90: 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)	8.6 (5.9-12.4)	13.6 (9.8-18.5)	13.4 (8.6-20.3)	19.7 (10.1-34.9)	No
QN91: Percentage of students who smoked cigarettes on school property (on at least 1 day during the 30 days before the survey)	3.9 (2.2-6.8)	4.1 (1.8-9.2)	8.3 (4.6-14.6)	12.4 (5.3-26.2)	Yes
QN92: Percentage of students who used an electronic vapor product on school property (on at least 1 day during the 30 days before the survey)	18.0 (13.1-24.1)	24.2 (18.8-30.6)	30.5 (22.8-39.5)	42.5 (25.2-61.8)	Yes
QN93: Percentage of students who had oral sex	38.5 (32.0-45.5)	39.0 (31.6-47.0)	45.5 (36.7-54.7)	48.4 (33.9-63.3)	No
QN94: 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)	10.4 (8.1-13.2)	9.7 (6.2-14.9)	10.7 (6.7-16.5)	19.0 (9.6-34.2)	No
QN95: Percentage of students who brushed their teeth on all 7 days (during the 7 days before the survey)	70.5 (65.6-75.0)	60.5 (53.3-67.4)	59.7 (51.4-67.5)	46.1 (29.1-64.1)	Yes
QN96: Percentage of students who flossed their teeth on all 7 days (during the 7 days before the survey)	13.3 (9.6-18.0)	9.9 (6.4-15.0)	14.2 (8.4-23.1)	8.2 (4.2-15.6)	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 High 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					
QN97: 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)	10.7 (4.1-25.3)	12.0 (5.6-23.7)	19.4 (7.6-41.3)	-	
QN98: Percentage of students who missed one or more days of school because their mental health was not good (including stress, depression, and problems with emotions, during the 30 days before the survey)	12.2 (8.8-16.7)	17.1 (12.2-23.5)	27.7 (19.9-37.1)	34.7 (19.5-53.7)	Yes
QN99: Percentage of students who did not usually sleep in their parent's or guardian's home (during the 30 days before the survey)	3.6 (2.1-6.2)	6.2 (4.1-9.2)	7.0 (3.4-13.7)	17.0 (7.5-34.2)	Yes
QN100: Percentage of students who do not have an adult in their life that they trust and can talk to about serious problems	11.5 (9.3-14.2)	12.6 (8.9-17.4)	17.0 (11.3-24.7)	28.1 (12.4-52.0)	No
QN101: 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	76.2 (71.8-80.0)	70.5 (64.0-76.3)	57.8 (50.5-64.8)	58.0 (38.7-75.1)	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)	68.7 (62.5-74.3)	58.5 (51.4-65.3)	53.7 (44.0-63.2)	51.6 (37.5-65.5)	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 High 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 <sup>†</sup>	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
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)	60.3 (53.4-66.7)	49.1 (42.6-55.5)	47.9 (37.1-59.0)	51.2 (37.2-65.1)	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)	44.2 (36.9-51.7)	38.3 (31.7-45.4)	31.7 (24.8-39.4)	41.9 (28.6-56.5)	No

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

<sup>†</sup> Confidence interval.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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	
QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car driven by someone else)	1.9 (1.0-3.9)	6.8 (4.2-11.0)	9.0 (4.2-18.0)	16.0 (5.6-38.0)	Yes
QN10: Percentage of students who drove a car or other vehicle when they had been drinking alcohol (one or more times during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey)	2.5 (0.8-7.4)	3.8 (1.5-9.4)	0.0	-	
QN11: Percentage of students who texted or e-mailed while driving a car or other vehicle (on at least 1 day during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey)	29.6 (22.1-38.4)	27.6 (21.0-35.4)	23.3 (11.7-41.0)	-	
QN12: Percentage of students who carried a weapon (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey)	5.1 (2.9-8.7)	7.7 (4.9-12.0)	11.6 (5.6-22.3)	17.3 (6.5-38.4)	No
QN13: Percentage of students who carried a weapon on school property (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey)	0.5 (0.1-2.0)	0.9 (0.2-3.8)	1.2 (0.2-8.9)	6.6 (1.1-31.0)	No
QN14: Percentage of students who carried a gun (not counting the days when they carried a gun only for hunting or for a sport such as target shooting, on at least 1 day during the 12 months before the survey)	1.1 (0.4-2.8)	1.5 (0.5-4.3)	2.3 (0.6-8.7)	0.8 (0.1-6.0)	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 High 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		
QN15: Percentage of students who did not go to school because they felt unsafe at school or on their way to or from school (on at least 1 day during the 30 days before the survey)	8.0 (5.6-11.3)	11.2 (7.7-15.9)	17.8 (11.1-27.1)	28.8 (15.2-47.7)	Yes	
QN16: Percentage of students who were threatened or injured with a weapon on school property (such as a gun, knife, or club, one or more times during the 12 months before the survey)	3.5 (2.1-5.8)	6.8 (4.1-11.1)	14.9 (9.1-23.6)	9.8 (2.5-31.4)	Yes	
QN17: Percentage of students who were in a physical fight (one or more times during the 12 months before the survey)	5.9 (3.5-9.9)	17.6 (12.9-23.7)	28.1 (16.6-43.3)	44.1 (27.0-62.8)	Yes	
QN18: Percentage of students who were in a physical fight on school property (one or more times during the 12 months before the survey)	1.8 (0.9-3.8)	5.7 (3.3-9.7)	13.2 (7.4-22.6)	13.3 (5.0-31.0)	Yes	
QN20: Percentage of students who experienced sexual violence (being forced by anyone to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to, one or more times during the 12 months before the survey)	11.2 (8.3-15.0)	12.5 (8.1-18.8)	12.6 (6.3-23.6)	27.5 (14.6-45.8)	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 High 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	
QN21: Percentage of students who experienced sexual dating violence (being forced by someone they were dating or going out with to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to, one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey)	8.6 (5.4-13.4)	8.7 (4.7-15.4)	8.1 (3.3-18.2)	-	
QN22: Percentage of students who experienced physical dating violence (being physically hurt on purpose by someone they were dating or going out with [counting such things as being hit, slammed into something, or injured with an object or weapon] one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey)	7.2 (4.6-11.1)	8.7 (5.1-14.4)	14.6 (7.0-27.9)	-	
QN23: Percentage of students who were bullied on school property (ever during the 12 months before the survey)	23.3 (19.7-27.4)	29.3 (23.4-36.1)	33.6 (22.1-47.4)	51.1 (34.6-67.3)	Yes
QN24: Percentage of students who were electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media, ever during the 12 months before the survey)	18.9 (14.5-24.2)	22.0 (17.5-27.4)	31.0 (20.1-44.5)	42.4 (27.5-58.9)	Yes
QN25: Percentage of students who felt sad or hopeless (almost every day for $\geq 2$ weeks in a row so that they stopped doing some usual activities, ever during the 12 months before the survey)	39.2 (35.4-43.1)	46.2 (39.4-53.1)	63.4 (51.7-73.7)	76.8 (57.5-89.0)	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 High 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 <sup>†</sup>	% 95% CI	% 95% CI	% 95% CI		
QN26: Percentage of students who seriously considered attempting suicide (ever during the 12 months before the survey)	17.9 (14.0-22.6)	19.2 (13.9-25.8)	27.3 (18.8-37.9)	51.7 (34.7-68.2)	Yes	
QN27: Percentage of students who made a plan about how they would attempt suicide (during the 12 months before the survey)	14.6 (10.6-19.7)	17.7 (12.4-24.6)	17.1 (10.7-26.2)	38.6 (26.0-52.9)	Yes	
QN28: Percentage of students who attempted suicide (one or more times during the 12 months before the survey)	7.2 (4.7-11.0)	9.3 (6.4-13.2)	13.5 (6.9-24.9)	25.1 (12.5-43.8)	Yes	
QN29: Percentage of students who had a suicide attempt that resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse (during the 12 months before the survey)	1.6 (0.5-5.0)	2.2 (1.1-4.5)	7.6 (2.8-18.7)	7.2 (1.8-25.0)	Yes	

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

<sup>†</sup> Confidence interval.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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		
QN30: Percentage of students who ever tried cigarette smoking (even one or two puffs)	23.0 (19.4-27.1)	34.4 (26.0-43.9)	35.4 (24.4-48.1)	52.5 (35.4-69.0)	Yes	
QN31: Percentage of students who first tried cigarette smoking before age 13 years (even one or two puffs)	5.0 (3.4-7.4)	11.6 (8.5-15.5)	18.5 (10.8-29.9)	13.1 (4.0-34.9)	Yes	
QN32: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)	4.1 (2.7-6.3)	8.6 (4.9-14.7)	10.2 (4.7-20.8)	21.8 (9.5-42.7)	Yes	
QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)	1.1 (0.3-4.1)	2.8 (1.3-6.1)	3.8 (1.2-11.3)	11.5 (3.0-35.5)	Yes	
QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)	0.7 (0.1-4.1)	2.4 (1.2-4.7)	3.6 (1.1-11.1)	11.5 (3.0-35.5)	Yes	
QN33: Percentage of students who smoked more than 10 cigarettes per day (on the days they smoked during the 30 days before the survey, among students who currently smoked cigarettes)	-	-	-	-		

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

† Confidence interval.

- = Fewer than 30 students in this subgroup.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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		
QN34: Percentage of students who ever used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo])	50.0 (45.2-54.7)	59.2 (49.8-68.0)	60.4 (47.0-72.4)	73.9 (54.8-86.8)	Yes	
QN35: Percentage of students who currently used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo], on at least 1 day during the 30 days before the survey)	19.3 (14.4-25.4)	28.7 (20.9-38.0)	24.6 (13.4-40.9)	43.7 (28.5-60.2)	Yes	
QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey)	4.5 (2.9-7.0)	11.0 (6.5-18.1)	8.8 (3.8-19.1)	15.1 (6.0-33.3)	Yes	
QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey)	2.7 (1.3-5.5)	7.8 (4.1-14.4)	6.0 (3.0-11.7)	11.2 (3.5-30.4)	Yes	
QN36: 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 and who were aged <18 years)	3.7 (1.0-12.5)	9.1 (3.9-20.1)	-	-		

\*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 High 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		
QN37: 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)	1.3 (0.7-2.6)	0.6 (0.1-2.4)	4.6 (1.1-17.2)	15.2 (8.4-26.0)	Yes	
QN38: Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey)	2.1 (1.0-4.4)	4.4 (1.8-10.2)	6.9 (2.5-17.5)	23.8 (12.5-40.5)	Yes	
QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey)	5.3 (3.5-8.2)	11.5 (6.9-18.6)	16.1 (6.9-33.0)	36.3 (22.2-53.2)	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)	5.6 (3.8-8.2)	11.5 (6.9-18.6)	16.4 (7.1-33.5)	37.9 (22.5-56.3)	Yes	
QNTB4: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco or electronic vapor products (on at least 1 day during the 30 days before the survey)	20.8 (15.7-27.0)	31.5 (23.0-41.4)	30.2 (16.3-49.1)	51.0 (34.6-67.1)	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)	20.7 (15.6-26.9)	30.5 (22.4-40.1)	28.0 (15.2-45.7)	47.4 (31.2-64.2)	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 High 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	
Health Risk Behavior		% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QN39: Percentage of students who tried to quit using all tobacco products (including cigarettes, cigars, smokeless tobacco, shisha or hookah tobacco, and electronic vapor products, ever during the 12 months before the survey, among students who used any tobacco products during the 12 months before the survey)		55.8 (42.8-68.0)	51.5 (42.4-60.5)	47.0 (27.6-67.4)	-	

\*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 High 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*
Health Risk Behavior	A's	B's	C's	D's/F's		
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI		
QN40: Percentage of students who had their first drink of alcohol before age 13 years (other than a few sips)	11.2 (8.3-15.1)	12.5 (8.5-17.9)	14.9 (8.8-24.1)	30.7 (19.3-45.2)	Yes	
QN41: Percentage of students who currently drank alcohol (at least one drink of alcohol, on at least 1 day during the 30 days before the survey)	19.0 (15.8-22.8)	27.2 (21.6-33.8)	30.5 (22.6-39.7)	36.8 (23.7-52.2)	Yes	
QN42: Percentage of students who currently were binge drinking (had four or more drinks of alcohol in a row for female students or five or more drinks of alcohol in a row for male students, within a couple of hours, on at least 1 day during the 30 days before the survey)	6.9 (5.1-9.2)	10.6 (7.0-15.7)	6.2 (2.6-14.1)	18.7 (8.5-36.1)	No	
QN43: Percentage of students who reported that the largest number of drinks they had in a row was 10 or more (within a couple of hours, during the 30 days before the survey)	1.2 (0.6-2.3)	2.5 (1.0-6.4)	3.1 (0.8-10.9)	4.4 (0.6-24.9)	Yes	
QN45: Percentage of students who ever used marijuana (one or more times during their life)	18.6 (13.9-24.5)	44.0 (35.1-53.3)	50.5 (35.8-65.1)	67.7 (47.5-82.9)	Yes	
QN46: Percentage of students who tried marijuana for the first time before age 13 years	2.1 (1.1-4.0)	7.8 (5.3-11.3)	14.2 (8.1-23.7)	20.5 (10.5-36.4)	Yes	
QN47: Percentage of students who currently used marijuana (one or more times during the 30 days before the survey)	8.7 (6.1-12.2)	20.7 (15.2-27.4)	19.3 (12.8-28.2)	36.9 (21.8-55.1)	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 High 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*
Health Risk Behavior	A's	B's	C's	D's/F's		
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI		
QN48: Percentage of students who ever used synthetic marijuana (one or more times during their life)	2.1 (1.1-4.0)	5.0 (3.0-8.2)	8.8 (4.9-15.4)	17.2 (8.3-32.2)	Yes	
QN49: 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, one or more times during their life)	8.3 (6.2-11.0)	10.3 (6.9-15.0)	16.0 (10.0-24.5)	20.5 (9.3-39.2)	Yes	
QN50: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase, one or more times during their life)	1.0 (0.4-2.6)	1.8 (0.7-4.6)	2.8 (0.7-11.4)	9.2 (4.7-17.1)	Yes	
QN51: Percentage of students who ever used inhalants (sniffed glue, breathed the contents of aerosol spray cans, or inhaled any paints or sprays to get high, one or more times during their life)	4.0 (2.4-6.4)	5.1 (2.5-10.2)	6.2 (2.7-13.5)	19.7 (9.6-36.0)	Yes	
QN52: Percentage of students who ever used heroin (also called "smack," "junk," or "China White," one or more times during their life)	0.2 (0.0-0.9)	1.1 (0.3-3.4)	1.6 (0.2-10.4)	6.3 (1.0-31.3)	No	
QN53: Percentage of students who ever used methamphetamines (also called "speed," "crystal meth," "crank," "ice," or "meth," one or more times during their life)	0.3 (0.1-1.1)	0.9 (0.2-3.1)	2.3 (0.5-10.0)	9.4 (3.0-25.9)	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 High 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 <sup>†</sup>	% 95% CI	% 95% CI	% 95% CI	
QN54: Percentage of students who ever used ecstasy (also called "MDMA," one or more times during their life)	0.6 (0.2-2.2)	1.9 (0.7-5.1)	2.6 (0.6-10.2)	14.7 (7.4-26.9)	Yes
QN55: Percentage of students who ever took steroids without a doctor's prescription (pills or shots, one or more times during their life)	0.3 (0.1-1.4)	0.0	4.1 (1.3-11.9)	11.6 (5.6-22.5)	Yes
QN56: Percentage of students who ever injected any illegal drug (used a needle to inject any illegal drug into their body, one or more times during their life)	0.6 (0.2-1.8)	1.2 (0.4-3.6)	1.0 (0.1-7.4)	8.9 (4.1-18.0)	Yes
QN57: Percentage of students who were offered, sold, or given an illegal drug on school property (during the 12 months before the survey)	19.2 (16.3-22.4)	24.7 (19.1-31.2)	29.9 (18.2-45.0)	26.9 (15.1-43.1)	Yes

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

<sup>†</sup> Confidence interval.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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					
QN58: Percentage of students who ever had sexual intercourse	32.4 (27.0-38.2)	52.1 (44.2-59.9)	41.6 (31.0-53.1)	67.5 (50.0-81.2)	Yes
QN59: Percentage of students who had sexual intercourse for the first time before age 13 years	1.7 (0.8-3.7)	2.4 (1.0-5.6)	3.6 (1.2-10.7)	5.2 (1.1-20.6)	No
QN60: Percentage of students who had sexual intercourse with four or more persons during their life	4.6 (2.5-8.2)	8.0 (4.6-13.6)	9.1 (4.2-18.4)	30.1 (14.2-52.9)	Yes
QN61: Percentage of students who were currently sexually active (had sexual intercourse with at least one person, during the 3 months before the survey)	25.4 (21.1-30.2)	39.2 (32.5-46.4)	34.4 (24.4-45.9)	37.7 (21.3-57.5)	Yes
QN62: Percentage of students who drank alcohol or used drugs before last sexual intercourse (among students who were currently sexually active)	8.0 (4.2-14.7)	15.4 (9.8-23.4)	-	-	
QN63: Percentage of students who used a condom during last sexual intercourse (among students who were currently sexually active)	55.7 (44.8-66.0)	40.2 (28.8-52.9)	-	-	

\*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 High 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					
QN64: Percentage of students who used birth control pills before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)	34.7 (27.1-43.3)	24.6 (16.6-34.7)	-	-	
QNIUDIMP: Percentage of students who used an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)	4.0 (1.6-9.8)	11.6 (5.6-22.6)	-	-	
QNOTHHPL: Percentage of students who used birth control pills; an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon); or a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)	42.3 (33.1-52.0)	48.2 (37.5-59.1)	-	-	
QNDUALBC: Percentage of students who used both a condom during last sexual intercourse and birth control pills; an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon); or a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)	14.1 (7.6-24.6)	15.7 (8.5-27.2)	-	-	
QNBCNONE: Percentage of students who did not use any method to prevent pregnancy during last sexual intercourse (among students who were currently sexually active)	7.4 (3.6-14.3)	15.0 (8.8-24.4)	-	-	

\*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 High 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*
Health Risk Behavior		A's	B's	C's	D's/F's	
		% 95% CI <sup>†</sup>	% 95% CI	% 95% CI	% 95% CI	
QN85: Percentage of students who were tested for a sexually transmitted disease (STD) other than HIV, such as chlamydia or gonorrhea (during the 12 months before the survey)		5.7 (3.4-9.3)	18.0 (13.1-24.2)	17.7 (11.0-27.0)	23.0 (10.2-44.0)	Yes

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

<sup>†</sup> Confidence interval.



## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High School Survey Risk Behaviors and Academic Achievement Report

Female 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					
QNOBESE: Percentage of students who had obesity ( $\geq$ 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts) <sup>§</sup>	11.4 (8.8-14.6)	15.5 (10.3-22.7)	25.4 (15.5-38.8)	15.0 (7.9-26.5)	No
QNOWT: Percentage of students who were overweight ( $\geq$ 85th percentile but $<$ 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts) <sup>§</sup>	22.2 (18.6-26.2)	17.5 (13.2-22.9)	18.1 (10.9-28.5)	22.4 (11.6-39.0)	No
QN67: Percentage of students who described themselves as slightly or very overweight	39.4 (34.5-44.6)	36.6 (29.0-45.0)	50.2 (37.5-63.0)	45.0 (28.5-62.7)	No
QN69: Percentage of students who did not drink fruit juice (100% fruit juices one or more times during the 7 days before the survey)	39.6 (35.2-44.2)	30.5 (24.8-36.9)	35.1 (26.5-44.7)	24.7 (14.2-39.4)	No
QN70: Percentage of students who did not eat fruit (one or more times during the 7 days before the survey)	13.9 (10.9-17.5)	15.6 (11.6-20.7)	28.2 (20.7-37.1)	15.6 (6.7-32.0)	Yes
QNFR0: Percentage of students who did not eat fruit or drink 100% fruit juices (such as orange juice, apple juice, or grape juice, during the 7 days before the survey)	8.4 (6.2-11.3)	6.3 (3.4-11.4)	14.6 (7.2-27.4)	11.6 (4.4-27.5)	No

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

† Confidence interval.

§ Based on reference data from the 2000 CDC Growth Charts. In 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High School Survey Risk Behaviors and Academic Achievement Report

Female 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 <sup>†</sup>	% 95% CI	% 95% CI	% 95% CI	
<b>Health Risk Behavior</b>					
QNFR1: Percentage of students who ate fruit or drank 100% fruit juices one or more times per day (such as orange juice, apple juice, or grape juice, during the 7 days before the survey)	48.2 (42.1-54.4)	45.8 (38.7-53.1)	36.7 (28.5-45.8)	57.3 (40.2-72.9)	Yes
QNFR2: Percentage of students who ate fruit or drank 100% fruit juices two or more times per day (such as orange juice, apple juice, or grape juice, during the 7 days before the survey)	21.0 (16.7-26.1)	21.5 (17.0-26.7)	18.4 (13.0-25.4)	28.0 (13.7-48.7)	No
QN71: Percentage of students who did not eat green salad (one or more times during the 7 days before the survey)	44.2 (39.0-49.6)	48.5 (42.5-54.4)	50.8 (39.5-62.0)	49.6 (29.3-70.1)	No
QN72: Percentage of students who did not eat potatoes (one or more times during the 7 days before the survey)	39.5 (33.6-45.7)	35.7 (29.1-42.9)	53.4 (43.3-63.3)	30.1 (15.5-50.4)	Yes
QN73: Percentage of students who did not eat carrots (one or more times during the 7 days before the survey)	59.0 (53.9-63.9)	67.5 (62.6-72.1)	73.2 (63.6-81.1)	59.5 (46.3-71.4)	Yes
QN74: Percentage of students who did not eat other vegetables (one or more times during the 7 days before the survey)	19.3 (15.5-23.7)	22.4 (17.0-29.0)	33.5 (21.2-48.5)	25.5 (10.4-50.2)	No

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

<sup>†</sup> Confidence interval.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High School Survey Risk Behaviors and Academic Achievement Report

Female Dietary Behaviors		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		
QNVEG0: Percentage of students who did not eat vegetables (green salad, potatoes [excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)	8.6 (5.7-12.8)	7.5 (4.5-12.3)	13.6 (8.3-21.3)	15.2 (5.6-35.2)	No	
QNVEG1: Percentage of students who ate vegetables one or more times per day (green salad, potatoes [excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)	50.5 (46.0-54.9)	44.6 (38.4-51.1)	38.2 (27.3-50.4)	65.5 (48.6-79.2)	No	
QNVEG2: Percentage of students who ate vegetables two or more times per day (green salad, potatoes [excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)	21.8 (17.8-26.5)	16.1 (11.8-21.5)	16.0 (9.8-25.0)	23.5 (12.5-39.7)	No	
QNVEG3: Percentage of students who ate vegetables three or more times per day (green salad, potatoes [excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)	9.5 (6.9-12.9)	7.3 (4.3-12.2)	8.4 (4.1-16.4)	10.0 (3.8-23.8)	No	
QN75: Percentage of students who did not drink a can, bottle, or glass of soda or pop (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)	28.2 (23.0-34.0)	24.0 (19.3-29.4)	27.8 (17.9-40.5)	34.8 (20.3-52.8)	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 High 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	
QNSODA1: Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)	21.7 (16.4-28.1)	26.5 (21.8-31.9)	20.9 (12.2-33.3)	41.6 (25.7-59.5)	No
QNSODA2: Percentage of students who drank a can, bottle, or glass of soda or pop two or more times per day (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)	12.8 (9.0-17.9)	19.5 (15.4-24.3)	15.3 (7.2-29.7)	25.3 (13.0-43.4)	Yes
QN76: Percentage of students who did not drink milk (during the 7 days before the survey)	38.5 (32.9-44.5)	35.8 (30.3-41.6)	34.0 (24.9-44.4)	31.7 (19.2-47.5)	No
QNMILK1: Percentage of students who drank one or more glasses per day of milk (counting the milk they drank in a glass or cup, from a carton, or with cereal and counting the half pint of milk served at school as equal to one glass, during the 7 days before the survey)	18.7 (14.9-23.1)	19.9 (15.8-24.8)	15.1 (9.0-24.4)	15.9 (6.2-35.0)	No
QNMILK3: Percentage of students who drank three or more glasses per day of milk (counting the milk they drank in a glass or cup, from a carton, or with cereal and counting the half pint of milk served at school as equal to one glass, during the 7 days before the survey)	3.1 (1.8-5.3)	4.6 (2.4-8.5)	6.3 (2.6-14.3)	10.2 (3.1-28.8)	No
QN77: Percentage of students who did not eat breakfast (during the 7 days before the survey)	12.5 (9.1-17.0)	17.1 (12.2-23.4)	19.4 (12.6-28.6)	28.4 (16.4-44.5)	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 High School Survey  
Risk Behaviors and Academic Achievement Report

Female 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	
Health Risk Behavior		% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey)		28.9 (23.7-34.8)	17.9 (14.6-21.7)	18.1 (11.6-27.3)	12.2 (4.7-28.4)	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 High 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		
QN78: 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)	33.8 (29.8-38.1)	30.5 (23.9-38.1)	23.7 (15.5-34.5)	21.2 (12.5-33.7)	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)	17.4 (13.7-21.9)	26.4 (21.6-31.7)	30.3 (20.8-41.8)	31.7 (19.0-47.8)	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)	14.4 (10.6-19.2)	10.5 (6.6-16.2)	14.6 (7.4-26.8)	11.4 (4.0-28.3)	No	
QN79: Percentage of students who watched television 3 or more hours per day (on an average school day)	21.2 (17.5-25.6)	26.0 (21.1-31.5)	27.6 (19.2-37.9)	39.7 (25.4-55.9)	No	
QN80: Percentage of students who played video or computer games or used a computer 3 or more hours per day (counting time spent on things such as Xbox, PlayStation, an iPad or other tablet, a smartphone, texting, YouTube, Instagram, Facebook, or other social media, for something that was not school work, on an average school day)	47.5 (40.8-54.2)	42.0 (34.4-50.0)	54.8 (44.7-64.6)	56.3 (42.5-69.1)	Yes	
QN81: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school)	21.0 (15.2-28.4)	27.1 (19.7-35.9)	28.7 (18.2-42.3)	21.0 (9.3-40.7)	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 High 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	
Health Risk Behavior		% 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)		13.7 (8.3-21.8)	14.6 (8.6-23.7)	16.8 (10.4-26.2)	10.6 (4.1-24.6)	No
QN82: Percentage of students who played on at least one sports team (counting any teams run by their school or community groups, during the 12 months before the survey)		45.9 (39.5-52.5)	44.1 (37.9-50.4)	30.0 (19.7-42.9)	27.3 (14.3-45.8)	Yes
QN88: Percentage of students who got 8 or more hours of sleep (on an average school night)		20.6 (16.3-25.6)	16.6 (12.9-21.1)	17.5 (12.4-24.2)	12.5 (3.8-34.3)	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 High 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	B's	C's	D's/F's	
		% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
	QN84: Percentage of students who were ever tested for human immunodeficiency virus (HIV) (not counting tests done if they donated blood)	5.0 (3.3-7.7)	15.0 (10.6-20.8)	16.7 (12.5-22.0)	27.0 (14.6-44.5)	Yes
	QN86: Percentage of students who saw a dentist (for a check-up, exam, teeth cleaning, or other dental work, during the 12 months before the survey)	78.6 (72.4-83.6)	74.3 (67.8-79.9)	63.6 (55.9-70.7)	66.6 (48.1-81.1)	Yes
	QNNODNT: Percentage of students who never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work)	1.2 (0.3-4.1)	1.2 (0.3-3.9)	2.5 (0.8-7.5)	6.0 (1.3-22.8)	No
	QN87: Percentage of students who had ever been told by a doctor or nurse that they had asthma	20.9 (16.9-25.5)	20.3 (15.7-25.9)	26.1 (15.7-40.0)	33.7 (19.4-51.8)	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 High 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	
QN90: 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)	19.8 (15.7-24.7)	21.3 (17.1-26.2)	35.6 (24.7-48.4)	42.0 (22.0-65.0)	Yes
QN91: Percentage of students who smoked cigarettes on school property (on at least 1 day during the 30 days before the survey)	0.8 (0.3-2.5)	3.9 (2.2-6.8)	6.7 (2.8-15.1)	16.2 (8.7-27.9)	Yes
QN92: Percentage of students who used an electronic vapor product on school property (on at least 1 day during the 30 days before the survey)	12.1 (9.3-15.8)	18.6 (13.7-24.7)	16.6 (8.7-29.4)	26.2 (13.3-45.1)	No
QN93: Percentage of students who had oral sex	34.2 (29.5-39.2)	46.1 (38.3-54.0)	41.8 (28.5-56.4)	56.1 (37.0-73.6)	Yes
QN94: 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)	4.5 (2.6-7.5)	6.6 (4.0-10.5)	8.8 (4.6-16.0)	19.0 (7.8-39.5)	Yes
QN95: Percentage of students who brushed their teeth on all 7 days (during the 7 days before the survey)	82.8 (78.9-86.0)	80.6 (75.5-84.9)	64.2 (51.7-74.9)	66.7 (46.2-82.4)	Yes
QN96: Percentage of students who flossed their teeth on all 7 days (during the 7 days before the survey)	16.1 (13.2-19.6)	15.5 (12.1-19.6)	16.5 (11.6-22.8)	14.6 (3.8-42.8)	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 High 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					
QN97: 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)	5.6 (2.3-13.2)	6.1 (2.5-14.1)	-	-	
QN98: Percentage of students who missed one or more days of school because their mental health was not good (including stress, depression, and problems with emotions, during the 30 days before the survey)	28.3 (23.7-33.5)	34.6 (28.3-41.4)	40.5 (27.8-54.5)	61.0 (47.3-73.2)	Yes
QN99: Percentage of students who did not usually sleep in their parent's or guardian's home (during the 30 days before the survey)	2.0 (0.9-4.3)	4.3 (2.9-6.3)	2.5 (0.8-7.4)	6.9 (1.7-24.0)	No
QN100: Percentage of students who do not have an adult in their life that they trust and can talk to about serious problems	11.5 (8.3-15.5)	15.6 (12.5-19.3)	33.9 (24.6-44.5)	36.6 (24.3-51.0)	Yes
QN101: 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	79.8 (75.1-83.7)	63.8 (58.4-68.8)	55.9 (42.0-68.9)	64.9 (49.5-77.7)	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)	69.4 (63.6-74.7)	62.0 (53.4-69.9)	52.9 (40.1-65.3)	47.3 (28.6-66.8)	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 High 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 <sup>†</sup>	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
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)	60.6 (54.0-66.8)	54.1 (47.2-60.8)	45.6 (34.6-57.1)	32.9 (18.2-51.9)	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)	44.9 (37.9-52.2)	40.5 (34.2-47.2)	37.6 (24.1-53.4)	21.9 (10.5-40.2)	No

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

<sup>†</sup> Confidence interval.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High School Survey Risk Behaviors and Academic Achievement Report

<b>Black*</b> <b>Unintentional Injuries/Violence</b>	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				<b>Significant Association<sup>†</sup></b>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
<b>Health Risk Behavior</b>					
QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car driven by someone else)	-	9.6 (4.9-18.1)	-	-	
QN10: Percentage of students who drove a car or other vehicle when they had been drinking alcohol (one or more times during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey)	-	2.8 (0.3-20.7)	-	-	
QN11: Percentage of students who texted or e-mailed while driving a car or other vehicle (on at least 1 day during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey)	-	32.6 (15.4-56.4)	-	-	
QN12: Percentage of students who carried a weapon (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey)	-	6.0 (1.8-18.3)	-	-	
QN13: Percentage of students who carried a weapon on school property (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey)	-	0.0	-	-	
QN14: Percentage of students who carried a gun (not counting the days when they carried a gun only for hunting or for a sport such as target shooting, on at least 1 day during the 12 months before the survey)	-	6.2 (1.9-18.5)	-	-	

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

- = Fewer than 30 students in this subgroup.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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	
Health Risk Behavior		% 95% CI§	% 95% CI	% 95% CI	% 95% CI	
QN15: Percentage of students who did not go to school because they felt unsafe at school or on their way to or from school (on at least 1 day during the 30 days before the survey)		-	8.7 (3.8-18.7)	-	-	
QN16: Percentage of students who were threatened or injured with a weapon on school property (such as a gun, knife, or club, one or more times during the 12 months before the survey)		-	8.6 (3.6-19.1)	-	-	
QN17: Percentage of students who were in a physical fight (one or more times during the 12 months before the survey)		-	27.8 (16.7-42.5)	-	-	
QN18: Percentage of students who were in a physical fight on school property (one or more times during the 12 months before the survey)		-	7.9 (3.2-18.2)	-	-	
QN20: Percentage of students who experienced sexual violence (being forced by anyone to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to, one or more times during the 12 months before the survey)		-	5.4 (1.9-14.4)	-	-	

\*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 High School Survey Risk Behaviors and Academic Achievement Report

<b>Black*</b> <b>Unintentional Injuries/Violence</b>  <b>Health Risk Behavior</b>	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				<b>Significant Association<sup>†</sup></b>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
QN21: Percentage of students who experienced sexual dating violence (being forced by someone they were dating or going out with to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to, one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey)	-	-	-	-	
QN22: Percentage of students who experienced physical dating violence (being physically hurt on purpose by someone they were dating or going out with [counting such things as being hit, slammed into something, or injured with an object or weapon] one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey)	-	6.6 (1.7-22.4)	-	-	
QN23: Percentage of students who were bullied on school property (ever during the 12 months before the survey)	-	18.0 (9.0-32.7)	-	-	
QN24: Percentage of students who were electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media, ever during the 12 months before the survey)	-	14.7 (6.0-31.8)	-	-	
QN25: Percentage of students who felt sad or hopeless (almost every day for $\geq 2$ weeks in a row so that they stopped doing some usual activities, ever during the 12 months before the survey)	-	34.9 (25.9-45.2)	-	-	

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

- = Fewer than 30 students in this subgroup.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High School Survey Risk Behaviors and Academic Achievement Report

<b>Black*</b> <b>Unintentional Injuries/Violence</b>  <b>Health Risk Behavior</b>	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association <sup>†</sup>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
QN26: Percentage of students who seriously considered attempting suicide (ever during the 12 months before the survey)	-	19.8 (10.8-33.6)	-	-	
QN27: Percentage of students who made a plan about how they would attempt suicide (during the 12 months before the survey)	-	22.5 (13.4-35.1)	-	-	
QN28: Percentage of students who attempted suicide (one or more times during the 12 months before the survey)	-	6.8 (2.2-19.6)	-	-	
QN29: Percentage of students who had a suicide attempt that resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse (during the 12 months before the survey)	-	2.2 (0.4-11.2)	-	-	

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

- = Fewer than 30 students in this subgroup.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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 <sup>†</sup>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QN30: Percentage of students who ever tried cigarette smoking (even one or two puffs)	-	20.5 (12.0-32.6)	-	-	
QN31: Percentage of students who first tried cigarette smoking before age 13 years (even one or two puffs)	-	8.7 (4.0-17.9)	-	-	
QN32: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)	-	3.8 (1.0-14.0)	-	-	
QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)	-	1.7 (0.3-9.3)	-	-	
QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)	-	1.7 (0.3-9.3)	-	-	
QN33: Percentage of students who smoked more than 10 cigarettes per day (on the days they smoked during the 30 days before the survey, among students who currently smoked cigarettes)	-	-	-	-	

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

- = Fewer than 30 students in this subgroup.



## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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 <sup>†</sup>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
<b>Health Risk Behavior</b>					
QN34: Percentage of students who ever used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo])	-	43.8 (29.0-59.8)	-	-	
QN35: Percentage of students who currently used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo], on at least 1 day during the 30 days before the survey)	-	14.1 (6.5-28.0)	-	-	
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 (0.0-3.1)	-	-	
QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey)	-	0.4 (0.0-3.1)	-	-	
QN36: 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 and who were aged <18 years)	-	-	-	-	

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

- = Fewer than 30 students in this subgroup.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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 <sup>†</sup>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
<b>Health Risk Behavior</b>					
QN37: 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)	-	1.3 (0.2-9.0)	-	-	
QN38: Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey)	-	8.0 (2.4-23.5)	-	-	
QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey)	-	10.4 (3.1-29.3)	-	-	
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)	-	10.4 (3.1-29.3)	-	-	
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)	-	20.3 (9.1-39.6)	-	-	
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)	-	16.6 (7.5-32.7)	-	-	

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky High 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	
<b>Health Risk Behavior</b>					
QN39: Percentage of students who tried to quit using all tobacco products (including cigarettes, cigars, smokeless tobacco, shisha or hookah tobacco, and electronic vapor products, ever during the 12 months before the survey, among students who used any tobacco products during the 12 months before the survey)	-	-	-	-	

\*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 High 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 <sup>†</sup>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
<b>Health Risk Behavior</b>					
QN40: Percentage of students who had their first drink of alcohol before age 13 years (other than a few sips)	-	10.3 (4.5-21.8)	-	-	
QN41: Percentage of students who currently drank alcohol (at least one drink of alcohol, on at least 1 day during the 30 days before the survey)	-	17.7 (10.7-27.7)	-	-	
QN42: Percentage of students who currently were binge drinking (had four or more drinks of alcohol in a row for female students or five or more drinks of alcohol in a row for male students, within a couple of hours, on at least 1 day during the 30 days before the survey)	-	2.0 (0.3-11.4)	-	-	
QN43: Percentage of students who reported that the largest number of drinks they had in a row was 10 or more (within a couple of hours, during the 30 days before the survey)	-	0.3 (0.0-2.5)	-	-	
QN45: Percentage of students who ever used marijuana (one or more times during their life)	-	49.0 (37.0-61.1)	-	-	
QN46: Percentage of students who tried marijuana for the first time before age 13 years	-	12.8 (6.5-23.8)	-	-	
QN47: Percentage of students who currently used marijuana (one or more times during the 30 days before the survey)	-	28.8 (19.7-39.9)	-	-	

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

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## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High School Survey Risk Behaviors and Academic Achievement Report

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association <sup>†</sup>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
QN48: Percentage of students who ever used synthetic marijuana (one or more times during their life)	-	5.0 (1.3-17.2)	-	-	
QN49: 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, one or more times during their life)	-	11.9 (4.5-27.9)	-	-	
QN50: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase, one or more times during their life)	-	0.3 (0.0-2.3)	-	-	
QN51: Percentage of students who ever used inhalants (sniffed glue, breathed the contents of aerosol spray cans, or inhaled any paints or sprays to get high, one or more times during their life)	-	6.3 (2.2-16.5)	-	-	
QN52: Percentage of students who ever used heroin (also called "smack," "junk," or "China White," one or more times during their life)	-	2.3 (0.4-12.6)	-	-	
QN53: Percentage of students who ever used methamphetamines (also called "speed," "crystal meth," "crank," "ice," or "meth," one or more times during their life)	-	3.7 (1.0-12.7)	-	-	

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

- = Fewer than 30 students in this subgroup.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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 <sup>†</sup>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
<b>Health Risk Behavior</b>					
QN54: Percentage of students who ever used ecstasy (also called "MDMA," one or more times during their life)	-	3.7 (1.0-12.7)	-	-	
QN55: Percentage of students who ever took steroids without a doctor's prescription (pills or shots, one or more times during their life)	-	0.3 (0.0-2.3)	-	-	
QN56: Percentage of students who ever injected any illegal drug (used a needle to inject any illegal drug into their body, one or more times during their life)	-	3.3 (0.8-13.1)	-	-	
QN57: Percentage of students who were offered, sold, or given an illegal drug on school property (during the 12 months before the survey)	-	24.8 (13.5-41.0)	-	-	

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

- = Fewer than 30 students in this subgroup.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High School Survey Risk Behaviors and Academic Achievement Report

Black* Sexual Behaviors	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association <sup>†</sup>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
<b>Health Risk Behavior</b>					
QN58: Percentage of students who ever had sexual intercourse	-	49.5 (32.0-67.2)	-	-	
QN59: Percentage of students who had sexual intercourse for the first time before age 13 years	-	4.4 (1.2-15.2)	-	-	
QN60: Percentage of students who had sexual intercourse with four or more persons during their life	-	10.4 (3.5-27.1)	-	-	
QN61: Percentage of students who were currently sexually active (had sexual intercourse with at least one person, during the 3 months before the survey)	-	35.9 (20.1-55.5)	-	-	
QN62: Percentage of students who drank alcohol or used drugs before last sexual intercourse (among students who were currently sexually active)	-	-	-	-	
QN63: Percentage of students who used a condom during last sexual intercourse (among students who were currently sexually active)	-	-	-	-	

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

- = Fewer than 30 students in this subgroup.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High School Survey Risk Behaviors and Academic Achievement Report

Black* Sexual Behaviors	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association <sup>†</sup>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
<b>Health Risk Behavior</b>					
QN64: Percentage of students who used birth control pills before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)	-	-	-	-	
QNIUDIMP: Percentage of students who used an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)	-	-	-	-	
QNOTHHPL: Percentage of students who used birth control pills; an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon); or a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)	-	-	-	-	
QNDUALBC: Percentage of students who used both a condom during last sexual intercourse and birth control pills; an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon); or a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)	-	-	-	-	
QNBCNONE: Percentage of students who did not use any method to prevent pregnancy during last sexual intercourse (among students who were currently sexually active)	-	-	-	-	

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

- = Fewer than 30 students in this subgroup.



## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High School Survey Risk Behaviors and Academic Achievement Report

<b>Black*</b> <b>Sexual Behaviors</b>	<b>Percentage of students who engaged in each risk behavior, by                      type of grades mostly earned in school</b>				<b>Significant                      Association<sup>†</sup></b>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
<b>Health Risk Behavior</b>					
QN85: Percentage of students who were tested for a sexually transmitted disease (STD) other than HIV, such as chlamydia or gonorrhea (during the 12 months before the survey)	-	21.8 (12.5-35.4)	-	-	

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

- = Fewer than 30 students in this subgroup.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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 <sup>†</sup>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
<b>Health Risk Behavior</b>					
QNOBESE: Percentage of students who had obesity ( $\geq$ 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts) <sup>¶</sup>	-	22.2 (11.2-39.3)	-	-	
QNOWT: Percentage of students who were overweight ( $\geq$ 85th percentile but $<$ 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts) <sup>¶</sup>	-	11.5 (5.2-23.6)	-	-	
QN67: Percentage of students who described themselves as slightly or very overweight	-	26.0 (15.6-40.1)	-	-	
QN69: Percentage of students who did not drink fruit juice (100% fruit juices one or more times during the 7 days before the survey)	-	17.0 (9.6-28.3)	-	-	
QN70: Percentage of students who did not eat fruit (one or more times during the 7 days before the survey)	-	16.6 (9.1-28.4)	-	-	
QNFR0: Percentage of students who did not eat fruit or drink 100% fruit juices (such as orange juice, apple juice, or grape juice, during the 7 days before the survey)	-	5.3 (1.8-15.0)	-	-	

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

<sup>¶</sup>Based on reference data from the 2000 CDC Growth Charts. In 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.  
- = Fewer than 30 students in this subgroup.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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 <sup>†</sup>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
<b>Health Risk Behavior</b>					
QNFR1: Percentage of students who ate fruit or drank 100% fruit juices one or more times per day (such as orange juice, apple juice, or grape juice, during the 7 days before the survey)	-	48.1 (34.8-61.7)	-	-	
QNFR2: Percentage of students who ate fruit or drank 100% fruit juices two or more times per day (such as orange juice, apple juice, or grape juice, during the 7 days before the survey)	-	20.0 (11.5-32.4)	-	-	
QN71: Percentage of students who did not eat green salad (one or more times during the 7 days before the survey)	-	47.8 (37.7-58.1)	-	-	
QN72: Percentage of students who did not eat potatoes (one or more times during the 7 days before the survey)	-	39.8 (27.4-53.7)	-	-	
QN73: Percentage of students who did not eat carrots (one or more times during the 7 days before the survey)	-	75.5 (58.4-87.1)	-	-	
QN74: Percentage of students who did not eat other vegetables (one or more times during the 7 days before the survey)	-	22.8 (14.3-34.2)	-	-	

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

- = Fewer than 30 students in this subgroup.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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 <sup>†</sup>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QNVEG0: Percentage of students who did not eat vegetables (green salad, potatoes [excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)	-	6.5 (2.1-18.3)	-	-	
QNVEG1: Percentage of students who ate vegetables one or more times per day (green salad, potatoes [excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)	-	40.6 (28.1-54.6)	-	-	
QNVEG2: Percentage of students who ate vegetables two or more times per day (green salad, potatoes [excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)	-	15.9 (8.5-27.7)	-	-	
QNVEG3: Percentage of students who ate vegetables three or more times per day (green salad, potatoes [excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)	-	6.5 (2.3-16.9)	-	-	
QN75: Percentage of students who did not drink a can, bottle, or glass of soda or pop (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)	-	29.7 (20.9-40.4)	-	-	

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

- = Fewer than 30 students in this subgroup.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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 <sup>†</sup>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
<b>Health Risk Behavior</b>					
QNSODA1: Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)	-	18.3 (11.8-27.2)	-	-	
QNSODA2: Percentage of students who drank a can, bottle, or glass of soda or pop two or more times per day (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)	-	13.0 (7.6-21.4)	-	-	
QN76: Percentage of students who did not drink milk (during the 7 days before the survey)	-	32.2 (21.9-44.7)	-	-	
QNMILK1: Percentage of students who drank one or more glasses per day of milk (counting the milk they drank in a glass or cup, from a carton, or with cereal and counting the half pint of milk served at school as equal to one glass, during the 7 days before the survey)	-	21.4 (12.2-34.9)	-	-	
QNMILK3: Percentage of students who drank three or more glasses per day of milk (counting the milk they drank in a glass or cup, from a carton, or with cereal and counting the half pint of milk served at school as equal to one glass, during the 7 days before the survey)	-	6.1 (2.5-14.0)	-	-	
QN77: Percentage of students who did not eat breakfast (during the 7 days before the survey)	-	18.5 (8.6-35.2)	-	-	

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

- = Fewer than 30 students in this subgroup.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High School Survey Risk Behaviors and Academic Achievement Report

<b>Black*</b> <b>Dietary Behaviors</b>	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				<b>Significant                      Association<sup>†</sup></b>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
<b>Health Risk Behavior</b>					
QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey)	-	20.6 (12.2-32.6)	-	-	

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

- = Fewer than 30 students in this subgroup.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High School Survey Risk Behaviors and Academic Achievement Report

Physical Activity	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association <sup>†</sup>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
<b>Health Risk Behavior</b>					
QN78: 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)	-	39.4 (27.3-52.9)	-	-	
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)	-	21.8 (14.5-31.4)	-	-	
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)	-	20.7 (11.8-33.8)	-	-	
QN79: Percentage of students who watched television 3 or more hours per day (on an average school day)	-	31.7 (22.2-43.1)	-	-	
QN80: Percentage of students who played video or computer games or used a computer 3 or more hours per day (counting time spent on things such as Xbox, PlayStation, an iPad or other tablet, a smartphone, texting, YouTube, Instagram, Facebook, or other social media, for something that was not school work, on an average school day)	-	45.0 (33.3-57.3)	-	-	
QN81: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school)	-	44.9 (33.7-56.6)	-	-	

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

- = Fewer than 30 students in this subgroup.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High School Survey Risk Behaviors and Academic Achievement Report

<b>Black*</b> <b>Physical Activity</b>  <b>Health Risk Behavior</b>	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				<b>Significant                      Association<sup>†</sup></b>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>§</sup>	% 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)	-	19.2 (10.9-31.6)	-	-	
QN82: Percentage of students who played on at least one sports team (counting any teams run by their school or community groups, during the 12 months before the survey)	-	50.5 (37.5-63.4)	-	-	
QN88: Percentage of students who got 8 or more hours of sleep (on an average school night)	-	13.4 (7.3-23.5)	-	-	

\*Non-Hispanic.

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

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2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky High School Survey  
Risk Behaviors and Academic Achievement Report

Black* 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	
<b>Health Risk Behavior</b>					
	QN84: Percentage of students who were ever tested for human immunodeficiency virus (HIV) (not counting tests done if they donated blood)	-	18.6 (9.9-32.1)	-	-
	QN86: Percentage of students who saw a dentist (for a check-up, exam, teeth cleaning, or other dental work, during the 12 months before the survey)	-	65.1 (48.5-78.7)	-	-
	QNNODNT: Percentage of students who never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work)	-	0.3 (0.0-2.3)	-	-
	QN87: Percentage of students who had ever been told by a doctor or nurse that they had asthma	-	30.8 (20.6-43.3)	-	-

\*Non-Hispanic.

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

§Confidence interval.

- = Fewer than 30 students in this subgroup.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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 <sup>†</sup>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
<b>Health Risk Behavior</b>					
QN90: 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)	-	16.3 (9.8-26.0)	-	-	
QN91: Percentage of students who smoked cigarettes on school property (on at least 1 day during the 30 days before the survey)	-	4.9 (1.2-17.1)	-	-	
QN92: Percentage of students who used an electronic vapor product on school property (on at least 1 day during the 30 days before the survey)	-	8.8 (3.8-19.3)	-	-	
QN93: Percentage of students who had oral sex	-	42.2 (30.2-55.1)	-	-	
QN94: 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)	-	8.6 (2.6-24.8)	-	-	
QN95: Percentage of students who brushed their teeth on all 7 days (during the 7 days before the survey)	-	78.7 (65.4-87.8)	-	-	
QN96: Percentage of students who flossed their teeth on all 7 days (during the 7 days before the survey)	-	20.1 (9.3-38.0)	-	-	

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

- = Fewer than 30 students in this subgroup.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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 <sup>†</sup>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
<b>Health Risk Behavior</b>					
QN97: 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)	-	-	-	-	
QN98: Percentage of students who missed one or more days of school because their mental health was not good (including stress, depression, and problems with emotions, during the 30 days before the survey)	-	14.5 (7.6-26.0)	-	-	
QN99: Percentage of students who did not usually sleep in their parent's or guardian's home (during the 30 days before the survey)	-	5.2 (1.8-14.2)	-	-	
QN100: Percentage of students who do not have an adult in their life that they trust and can talk to about serious problems	-	10.0 (4.0-22.6)	-	-	
QN101: 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	-	61.6 (51.8-70.6)	-	-	
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)	-	58.2 (43.9-71.3)	-	-	

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

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## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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 <sup>†</sup>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
<b>Health Risk Behavior</b>					
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)	-	53.3 (39.8-66.2)	-	-	
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)	-	39.4 (26.8-53.7)	-	-	

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

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## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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	
QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car driven by someone else)	10.7 (4.8-22.0)	8.2 (3.8-16.7)	7.5 (1.7-27.9)	-	
QN10: Percentage of students who drove a car or other vehicle when they had been drinking alcohol (one or more times during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey)	-	14.5 (5.2-34.4)	-	-	
QN11: Percentage of students who texted or e-mailed while driving a car or other vehicle (on at least 1 day during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey)	-	49.6 (33.0-66.3)	-	-	
QN12: Percentage of students who carried a weapon (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey)	14.8 (6.7-29.6)	18.4 (9.3-33.0)	-	-	
QN13: Percentage of students who carried a weapon on school property (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey)	2.6 (0.3-19.0)	1.8 (0.2-12.6)	-	-	
QN14: Percentage of students who carried a gun (not counting the days when they carried a gun only for hunting or for a sport such as target shooting, on at least 1 day during the 12 months before the survey)	7.0 (2.6-17.4)	8.7 (2.7-25.0)	-	-	

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

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## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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	
QN15: Percentage of students who did not go to school because they felt unsafe at school or on their way to or from school (on at least 1 day during the 30 days before the survey)	9.3 (4.0-20.0)	20.7 (13.2-30.9)	12.8 (7.2-21.9)	-	
QN16: Percentage of students who were threatened or injured with a weapon on school property (such as a gun, knife, or club, one or more times during the 12 months before the survey)	4.6 (1.0-17.8)	14.0 (6.6-27.3)	18.6 (10.6-30.6)	-	
QN17: Percentage of students who were in a physical fight (one or more times during the 12 months before the survey)	15.1 (7.1-29.4)	31.0 (19.4-45.7)	-	-	
QN18: Percentage of students who were in a physical fight on school property (one or more times during the 12 months before the survey)	4.6 (1.0-18.3)	5.7 (1.2-23.7)	-	-	
QN20: Percentage of students who experienced sexual violence (being forced by anyone to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to, one or more times during the 12 months before the survey)	10.6 (5.5-19.4)	6.2 (2.1-17.1)	4.4 (0.6-27.2)	-	

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

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## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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	
QN21: Percentage of students who experienced sexual dating violence (being forced by someone they were dating or going out with to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to, one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey)	2.9 (0.4-19.8)	8.9 (2.0-31.7)	-	-	
QN22: Percentage of students who experienced physical dating violence (being physically hurt on purpose by someone they were dating or going out with [counting such things as being hit, slammed into something, or injured with an object or weapon] one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey)	0.0	1.5 (0.2-12.1)	-	-	
QN23: Percentage of students who were bullied on school property (ever during the 12 months before the survey)	28.3 (17.5-42.3)	24.6 (17.0-34.2)	13.6 (5.4-30.3)	-	
QN24: Percentage of students who were electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media, ever during the 12 months before the survey)	16.7 (7.0-35.0)	17.9 (10.5-28.8)	-	-	
QN25: Percentage of students who felt sad or hopeless (almost every day for $\geq 2$ weeks in a row so that they stopped doing some usual activities, ever during the 12 months before the survey)	37.2 (25.5-50.5)	38.3 (27.5-50.3)	42.3 (23.1-64.2)	-	

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

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## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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	
QN26: Percentage of students who seriously considered attempting suicide (ever during the 12 months before the survey)	13.6 (7.0-24.5)	9.4 (3.8-21.7)	-	-	
QN27: Percentage of students who made a plan about how they would attempt suicide (during the 12 months before the survey)	8.6 (3.4-20.2)	15.0 (7.1-29.1)	20.2 (9.2-38.6)	-	
QN28: Percentage of students who attempted suicide (one or more times during the 12 months before the survey)	5.8 (1.8-17.0)	19.0 (9.9-33.3)	-	-	
QN29: Percentage of students who had a suicide attempt that resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse (during the 12 months before the survey)	1.8 (0.2-12.9)	9.6 (3.7-22.8)	-	-	

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

† Confidence interval.

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## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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	
QN30: Percentage of students who ever tried cigarette smoking (even one or two puffs)	24.8 (16.6-35.3)	24.0 (13.7-38.6)	-	-	
QN31: Percentage of students who first tried cigarette smoking before age 13 years (even one or two puffs)	11.1 (5.3-21.8)	3.6 (0.6-18.8)	-	-	
QN32: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)	4.3 (1.1-15.4)	7.1 (2.2-20.4)	-	-	
QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)	0.0	0.3 (0.0-2.6)	-	-	
QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)	0.0	0.0	-	-	
QN33: Percentage of students who smoked more than 10 cigarettes per day (on the days they smoked during the 30 days before the survey, among students who currently smoked cigarettes)	-	-	-	-	

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

† Confidence interval.

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## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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	
QN34: Percentage of students who ever used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo])	45.8 (33.3-58.9)	57.6 (37.4-75.6)	-	-	
QN35: Percentage of students who currently used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo], on at least 1 day during the 30 days before the survey)	16.0 (6.9-33.0)	31.8 (18.0-49.8)	-	-	
QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey)	2.0 (0.2-13.7)	5.3 (0.7-32.1)	-	-	
QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey)	2.0 (0.2-13.7)	5.3 (0.7-32.1)	-	-	
QN36: 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 and who were aged <18 years)	-	-	-	-	

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

† Confidence interval.

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## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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	
QN37: 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)	3.3 (0.8-13.3)	11.5 (5.5-22.7)	-	-	
QN38: Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey)	1.6 (0.2-11.1)	13.3 (6.4-25.8)	-	-	
QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey)	5.8 (1.9-16.4)	17.5 (8.8-31.6)	-	-	
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)	5.8 (1.9-16.4)	17.5 (8.8-31.6)	-	-	
QNTB4: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco or electronic vapor products (on at least 1 day during the 30 days before the survey)	21.3 (10.9-37.2)	36.7 (20.8-56.1)	-	-	
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)	19.7 (9.6-36.1)	32.7 (18.3-51.3)	-	-	

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

† Confidence interval.

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2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky High School Survey  
Risk Behaviors and Academic Achievement Report

Hispanic/Latino  
Tobacco 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	
QN39: Percentage of students who tried to quit using all tobacco products (including cigarettes, cigars, smokeless tobacco, shisha or hookah tobacco, and electronic vapor products, ever during the 12 months before the survey, among students who used any tobacco products during the 12 months before the survey)	-	-	-	-	

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

† Confidence interval.

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## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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	
QN40: Percentage of students who had their first drink of alcohol before age 13 years (other than a few sips)	14.2 (6.7-27.7)	25.3 (14.1-41.1)	-	-	
QN41: Percentage of students who currently drank alcohol (at least one drink of alcohol, on at least 1 day during the 30 days before the survey)	18.9 (11.3-29.7)	33.0 (21.3-47.3)	-	-	
QN42: Percentage of students who currently were binge drinking (had four or more drinks of alcohol in a row for female students or five or more drinks of alcohol in a row for male students, within a couple of hours, on at least 1 day during the 30 days before the survey)	5.1 (1.6-15.4)	10.7 (4.2-24.7)	-	-	
QN43: Percentage of students who reported that the largest number of drinks they had in a row was 10 or more (within a couple of hours, during the 30 days before the survey)	3.5 (0.8-13.8)	1.9 (0.3-12.8)	-	-	
QN45: Percentage of students who ever used marijuana (one or more times during their life)	30.9 (19.3-45.5)	45.9 (30.9-61.6)	-	-	
QN46: Percentage of students who tried marijuana for the first time before age 13 years	9.0 (4.1-18.7)	14.6 (6.8-28.6)	-	-	
QN47: Percentage of students who currently used marijuana (one or more times during the 30 days before the survey)	18.0 (10.0-30.5)	22.5 (13.7-34.5)	-	-	

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

† Confidence interval.

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## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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	
QN48: Percentage of students who ever used synthetic marijuana (one or more times during their life)	8.4 (3.5-18.8)	22.5 (13.4-35.2)	-	-	
QN49: 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, one or more times during their life)	18.1 (11.4-27.6)	14.1 (7.0-26.4)	-	-	
QN50: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase, one or more times during their life)	4.8 (1.9-11.8)	8.3 (3.4-19.2)	3.0 (0.4-19.9)	-	
QN51: Percentage of students who ever used inhalants (sniffed glue, breathed the contents of aerosol spray cans, or inhaled any paints or sprays to get high, one or more times during their life)	3.3 (0.7-13.2)	9.3 (3.5-22.4)	4.0 (0.5-25.4)	-	
QN52: Percentage of students who ever used heroin (also called "smack," "junk," or "China White," one or more times during their life)	3.8 (1.0-13.7)	5.4 (1.6-16.3)	-	-	
QN53: Percentage of students who ever used methamphetamines (also called "speed," "crystal meth," "crank," "ice," or "meth," one or more times during their life)	3.3 (0.7-13.2)	6.1 (2.2-15.5)	0.0	-	

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

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2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky High 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	
QN54: Percentage of students who ever used ecstasy (also called "MDMA," one or more times during their life)	5.2 (1.7-15.2)	3.9 (1.0-13.4)	6.6 (1.4-25.6)	-	
QN55: Percentage of students who ever took steroids without a doctor's prescription (pills or shots, one or more times during their life)	1.8 (0.2-13.0)	2.1 (0.3-11.6)	3.0 (0.4-19.9)	-	
QN56: Percentage of students who ever injected any illegal drug (used a needle to inject any illegal drug into their body, one or more times during their life)	1.6 (0.2-11.1)	11.3 (5.7-21.1)	4.1 (0.5-27.8)	-	
QN57: Percentage of students who were offered, sold, or given an illegal drug on school property (during the 12 months before the survey)	18.9 (10.6-31.3)	39.5 (27.8-52.5)	35.0 (18.0-56.9)	-	

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

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## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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	
QN58: Percentage of students who ever had sexual intercourse	44.6 (31.7-58.2)	57.1 (41.8-71.1)	-	-	
QN59: Percentage of students who had sexual intercourse for the first time before age 13 years	6.2 (2.0-17.9)	7.5 (2.4-20.8)	-	-	
QN60: Percentage of students who had sexual intercourse with four or more persons during their life	12.9 (4.8-30.0)	8.3 (2.6-23.4)	-	-	
QN61: Percentage of students who were currently sexually active (had sexual intercourse with at least one person, during the 3 months before the survey)	34.7 (20.6-52.1)	51.6 (34.8-68.0)	-	-	
QN62: Percentage of students who drank alcohol or used drugs before last sexual intercourse (among students who were currently sexually active)	-	-	-	-	
QN63: Percentage of students who used a condom during last sexual intercourse (among students who were currently sexually active)	-	-	-	-	

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

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2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky High 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	
QN64: Percentage of students who used birth control pills before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)	-	-	-	-	
QNIUDIMP: Percentage of students who used an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)	-	-	-	-	
QNOTHHPL: Percentage of students who used birth control pills; an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon); or a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)	-	-	-	-	
QNDUALBC: Percentage of students who used both a condom during last sexual intercourse and birth control pills; an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon); or a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)	-	-	-	-	
QNBCNONE: Percentage of students who did not use any method to prevent pregnancy during last sexual intercourse (among students who were currently sexually active)	-	-	-	-	

\*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 High 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	
QN85: Percentage of students who were tested for a sexually transmitted disease (STD) other than HIV, such as chlamydia or gonorrhea (during the 12 months before the survey)	12.4 (4.9-28.1)	11.8 (4.5-27.7)	-	-	

\*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 High 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	
QNOBESE: Percentage of students who had obesity ( $\geq$ 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts) <sup>§</sup>	18.4 (8.9-34.2)	6.6 (1.9-20.2)	-	-	
QNOWT: Percentage of students who were overweight ( $\geq$ 85th percentile but $<$ 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts) <sup>§</sup>	18.2 (9.2-32.8)	18.3 (9.8-31.6)	-	-	
QN67: Percentage of students who described themselves as slightly or very overweight	34.8 (21.8-50.6)	27.8 (18.3-39.8)	-	-	
QN69: Percentage of students who did not drink fruit juice (100% fruit juices one or more times during the 7 days before the survey)	31.4 (20.9-44.2)	30.4 (17.4-47.6)	28.5 (14.9-47.7)	-	
QN70: Percentage of students who did not eat fruit (one or more times during the 7 days before the survey)	10.4 (5.0-20.4)	14.4 (7.5-25.9)	8.6 (1.9-31.8)	-	
QNFRO: Percentage of students who did not eat fruit or drink 100% fruit juices (such as orange juice, apple juice, or grape juice, during the 7 days before the survey)	8.6 (4.0-17.4)	8.1 (3.6-17.0)	4.5 (0.5-30.9)	-	

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

† Confidence interval.

§ Based on reference data from the 2000 CDC Growth Charts. In 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.  
- = Fewer than 30 students in this subgroup.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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	
QNFR1: Percentage of students who ate fruit or drank 100% fruit juices one or more times per day (such as orange juice, apple juice, or grape juice, during the 7 days before the survey)	57.6 (44.0-70.1)	52.6 (38.1-66.6)	52.2 (39.8-64.3)	-	
QNFR2: Percentage of students who ate fruit or drank 100% fruit juices two or more times per day (such as orange juice, apple juice, or grape juice, during the 7 days before the survey)	26.0 (15.3-40.7)	29.3 (19.8-41.1)	44.8 (29.7-61.0)	-	
QN71: Percentage of students who did not eat green salad (one or more times during the 7 days before the survey)	48.3 (33.8-63.1)	35.8 (24.3-49.2)	56.4 (32.5-77.7)	-	
QN72: Percentage of students who did not eat potatoes (one or more times during the 7 days before the survey)	39.4 (27.2-53.1)	35.3 (22.7-50.3)	43.8 (21.2-69.3)	-	
QN73: Percentage of students who did not eat carrots (one or more times during the 7 days before the survey)	69.1 (53.9-81.1)	51.1 (39.2-62.8)	64.6 (43.4-81.3)	-	
QN74: Percentage of students who did not eat other vegetables (one or more times during the 7 days before the survey)	27.4 (14.2-46.1)	17.8 (9.3-31.3)	17.5 (7.2-36.6)	-	

\*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 High 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	
QNVEG0: Percentage of students who did not eat vegetables (green salad, potatoes [excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)	13.7 (5.9-28.6)	9.6 (4.3-20.2)	11.4 (3.4-32.0)	-	
QNVEG1: Percentage of students who ate vegetables one or more times per day (green salad, potatoes [excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)	57.1 (43.8-69.5)	56.3 (43.7-68.1)	40.9 (26.1-57.5)	-	
QNVEG2: Percentage of students who ate vegetables two or more times per day (green salad, potatoes [excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)	28.3 (17.8-41.9)	21.5 (11.5-36.7)	22.8 (9.5-45.4)	-	
QNVEG3: Percentage of students who ate vegetables three or more times per day (green salad, potatoes [excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)	9.9 (3.9-22.8)	11.6 (5.6-22.6)	19.1 (7.6-40.4)	-	
QN75: Percentage of students who did not drink a can, bottle, or glass of soda or pop (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)	36.5 (24.2-50.8)	35.6 (23.5-49.8)	19.3 (8.2-38.9)	-	

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

† Confidence interval.

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## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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	
QNSODA1: Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)	16.4 (8.9-28.1)	12.9 (5.9-26.0)	27.3 (16.6-41.5)	-	
QNSODA2: Percentage of students who drank a can, bottle, or glass of soda or pop two or more times per day (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)	10.4 (4.5-22.4)	10.6 (4.6-22.5)	21.8 (12.5-35.2)	-	
QN76: Percentage of students who did not drink milk (during the 7 days before the survey)	32.0 (21.1-45.2)	29.5 (17.3-45.4)	23.3 (11.9-40.5)	-	
QNMILK1: Percentage of students who drank one or more glasses per day of milk (counting the milk they drank in a glass or cup, from a carton, or with cereal and counting the half pint of milk served at school as equal to one glass, during the 7 days before the survey)	23.3 (14.8-34.7)	24.4 (14.7-37.5)	29.6 (14.4-51.2)	-	
QNMILK3: Percentage of students who drank three or more glasses per day of milk (counting the milk they drank in a glass or cup, from a carton, or with cereal and counting the half pint of milk served at school as equal to one glass, during the 7 days before the survey)	5.2 (2.7-9.8)	7.4 (2.2-21.8)	12.2 (3.7-33.9)	-	
QN77: Percentage of students who did not eat breakfast (during the 7 days before the survey)	13.6 (5.5-30.1)	16.5 (8.6-29.1)	15.9 (5.7-37.2)	-	

\*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 High 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	
QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey)	30.8 (18.4-46.7)	24.2 (15.3-36.1)	31.1 (17.4-49.2)	-	

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

† Confidence interval.

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## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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	
QN78: 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)	38.3 (25.7-52.8)	36.9 (24.4-51.3)	-	-	
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)	12.6 (6.2-23.9)	25.0 (15.6-37.6)	-	-	
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)	23.5 (11.6-41.8)	12.8 (5.8-25.6)	-	-	
QN79: Percentage of students who watched television 3 or more hours per day (on an average school day)	18.5 (9.7-32.3)	16.7 (9.1-28.6)	18.8 (9.3-34.3)	-	
QN80: Percentage of students who played video or computer games or used a computer 3 or more hours per day (counting time spent on things such as Xbox, PlayStation, an iPad or other tablet, a smartphone, texting, YouTube, Instagram, Facebook, or other social media, for something that was not school work, on an average school day)	42.7 (31.4-54.9)	37.3 (21.5-56.5)	37.0 (20.6-57.1)	-	
QN81: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school)	45.4 (31.0-60.6)	31.8 (22.0-43.6)	-	-	

\*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 High 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)	30.0 (17.2-46.9)	11.5 (5.2-23.6)	-	-	
QN82: Percentage of students who played on at least one sports team (counting any teams run by their school or community groups, during the 12 months before the survey)	42.4 (29.3-56.6)	43.4 (29.4-58.4)	-	-	
QN88: Percentage of students who got 8 or more hours of sleep (on an average school night)	32.4 (19.9-48.0)	13.9 (7.4-24.5)	-	-	

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

† Confidence interval.

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2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky High School Survey  
Risk Behaviors and Academic Achievement Report

Hispanic/Latino  
Other

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QN84: Percentage of students who were ever tested for human immunodeficiency virus (HIV) (not counting tests done if they donated blood)	11.2 (4.1-27.1)	8.6 (2.8-23.6)	-	-	
QN86: Percentage of students who saw a dentist (for a check-up, exam, teeth cleaning, or other dental work, during the 12 months before the survey)	74.4 (59.3-85.3)	64.6 (46.5-79.3)	52.1 (36.7-67.1)	-	
QNNODNT: Percentage of students who never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work)	0.0	2.6 (0.4-14.5)	7.3 (1.5-28.3)	-	
QN87: Percentage of students who had ever been told by a doctor or nurse that they had asthma	22.2 (13.1-35.0)	22.9 (13.2-36.8)	-	-	

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

† Confidence interval.

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## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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	
QN90: 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)	7.5 (2.5-20.2)	21.1 (11.7-35.2)	32.2 (18.3-50.2)	-	
QN91: Percentage of students who smoked cigarettes on school property (on at least 1 day during the 30 days before the survey)	1.6 (0.2-11.1)	6.9 (2.3-19.1)	-	-	
QN92: Percentage of students who used an electronic vapor product on school property (on at least 1 day during the 30 days before the survey)	12.4 (5.3-26.3)	20.3 (12.0-32.2)	-	-	
QN93: Percentage of students who had oral sex	40.2 (29.6-51.8)	44.5 (29.3-60.9)	-	-	
QN94: 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)	10.2 (5.0-19.8)	13.5 (5.1-31.2)	-	-	
QN95: Percentage of students who brushed their teeth on all 7 days (during the 7 days before the survey)	79.4 (65.5-88.7)	72.3 (56.3-84.1)	-	-	
QN96: Percentage of students who flossed their teeth on all 7 days (during the 7 days before the survey)	19.5 (9.8-35.0)	22.0 (12.9-34.9)	-	-	

\*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 High 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	
QN97: 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)	-	-	-	-	
QN98: Percentage of students who missed one or more days of school because their mental health was not good (including stress, depression, and problems with emotions, during the 30 days before the survey)	9.3 (3.5-22.2)	27.5 (17.3-40.6)	-	-	
QN99: Percentage of students who did not usually sleep in their parent's or guardian's home (during the 30 days before the survey)	4.8 (1.5-14.8)	8.7 (3.2-21.4)	-	-	
QN100: Percentage of students who do not have an adult in their life that they trust and can talk to about serious problems	22.6 (11.7-39.2)	13.7 (7.3-24.3)	-	-	
QN101: 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	73.1 (62.2-81.7)	61.4 (47.2-74.0)	-	-	
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)	75.4 (61.5-85.4)	54.2 (35.8-71.5)	-	-	

\*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 High 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	
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)	70.5 (56.2-81.6)	48.9 (31.0-67.0)	-	-	
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)	54.6 (41.6-67.0)	43.2 (28.3-59.4)	-	-	

\*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 High School Survey Risk Behaviors and Academic Achievement Report

<b>White*</b>		Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association <sup>†</sup>
<b>Unintentional Injuries/Violence</b>		A's	B's	C's	D's/F's	
Health Risk Behavior		% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car driven by someone else)		2.7 (1.4-5.1)	6.4 (3.8-10.7)	12.3 (7.4-19.8)	19.4 (9.2-36.2)	Yes
QN10: Percentage of students who drove a car or other vehicle when they had been drinking alcohol (one or more times during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey)		3.9 (1.1-12.2)	2.9 (1.1-7.2)	1.5 (0.2-11.5)	7.3 (2.4-20.5)	No
QN11: Percentage of students who texted or e-mailed while driving a car or other vehicle (on at least 1 day during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey)		30.8 (24.0-38.6)	31.7 (25.0-39.3)	27.7 (15.7-44.2)	41.8 (24.7-61.2)	No
QN12: Percentage of students who carried a weapon (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey)		11.6 (8.5-15.5)	16.5 (13.0-20.7)	19.4 (12.1-29.5)	40.1 (26.1-55.9)	Yes
QN13: Percentage of students who carried a weapon on school property (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey)		1.7 (0.7-4.0)	2.7 (1.4-5.1)	1.5 (0.4-5.6)	13.7 (5.5-30.5)	Yes
QN14: Percentage of students who carried a gun (not counting the days when they carried a gun only for hunting or for a sport such as target shooting, on at least 1 day during the 12 months before the survey)		2.7 (1.5-5.0)	4.5 (2.9-6.9)	6.5 (3.1-13.3)	11.5 (4.4-26.8)	Yes

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High School Survey Risk Behaviors and Academic Achievement Report

<b>White*</b>		Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association <sup>†</sup>
<b>Unintentional Injuries/Violence</b>		A's	B's	C's	D's/F's	
<b>Health Risk Behavior</b>		% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
QN15: Percentage of students who did not go to school because they felt unsafe at school or on their way to or from school (on at least 1 day during the 30 days before the survey)		7.0 (4.7-10.3)	8.5 (5.1-13.8)	12.5 (7.7-19.6)	13.5 (6.4-26.2)	No
QN16: Percentage of students who were threatened or injured with a weapon on school property (such as a gun, knife, or club, one or more times during the 12 months before the survey)		4.3 (2.7-6.6)	7.6 (5.3-10.7)	8.9 (4.5-16.9)	9.5 (3.9-21.3)	No
QN17: Percentage of students who were in a physical fight (one or more times during the 12 months before the survey)		11.1 (8.7-14.0)	17.7 (14.1-22.0)	22.2 (15.7-30.5)	46.2 (34.3-58.5)	Yes
QN18: Percentage of students who were in a physical fight on school property (one or more times during the 12 months before the survey)		3.2 (2.0-5.2)	3.3 (2.0-5.3)	6.0 (2.9-12.0)	17.3 (11.1-26.0)	Yes
QN20: Percentage of students who experienced sexual violence (being forced by anyone to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to, one or more times during the 12 months before the survey)		8.5 (6.2-11.6)	8.3 (5.4-12.5)	6.0 (3.4-10.5)	14.1 (7.2-25.8)	No

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High School Survey Risk Behaviors and Academic Achievement Report

<b>White*</b>		<b>Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school</b>				<b>Significant Association<sup>†</sup></b>
<b>Unintentional Injuries/Violence</b>		<b>A's</b>	<b>B's</b>	<b>C's</b>	<b>D's/F's</b>	
<b>Health Risk Behavior</b>		<b>% 95% CI<sup>§</sup></b>	<b>% 95% CI</b>	<b>% 95% CI</b>	<b>% 95% CI</b>	
QN21: Percentage of students who experienced sexual dating violence (being forced by someone they were dating or going out with to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to, one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey)		6.6 (4.3-10.2)	6.0 (3.3-10.8)	5.0 (1.9-12.6)	17.6 (10.2-28.5)	Yes
QN22: Percentage of students who experienced physical dating violence (being physically hurt on purpose by someone they were dating or going out with [counting such things as being hit, slammed into something, or injured with an object or weapon] one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey)		6.4 (3.8-10.6)	6.8 (4.0-11.2)	8.7 (4.0-17.6)	20.4 (10.0-37.0)	Yes
QN23: Percentage of students who were bullied on school property (ever during the 12 months before the survey)		22.3 (19.3-25.5)	23.8 (18.3-30.4)	30.9 (24.4-38.2)	35.5 (24.3-48.6)	Yes
QN24: Percentage of students who were electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media, ever during the 12 months before the survey)		16.2 (13.0-19.9)	17.3 (14.0-21.2)	24.4 (18.0-32.2)	29.6 (20.7-40.4)	Yes
QN25: Percentage of students who felt sad or hopeless (almost every day for $\geq 2$ weeks in a row so that they stopped doing some usual activities, ever during the 12 months before the survey)		32.4 (28.2-36.9)	36.1 (29.7-43.1)	45.4 (35.8-55.3)	54.4 (41.8-66.5)	Yes

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.



## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High School Survey Risk Behaviors and Academic Achievement Report

<b>White*</b>		Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association <sup>†</sup>
<b>Unintentional Injuries/Violence</b>		A's	B's	C's	D's/F's	
Health Risk Behavior		% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
QN26: Percentage of students who seriously considered attempting suicide (ever during the 12 months before the survey)		16.5 (13.1-20.5)	16.7 (12.5-21.9)	18.1 (12.3-25.8)	38.1 (25.6-52.4)	Yes
QN27: Percentage of students who made a plan about how they would attempt suicide (during the 12 months before the survey)		14.0 (11.1-17.4)	14.8 (10.6-20.3)	14.4 (8.8-22.6)	31.4 (20.0-45.4)	Yes
QN28: Percentage of students who attempted suicide (one or more times during the 12 months before the survey)		5.3 (3.5-7.8)	6.9 (4.5-10.3)	9.8 (5.6-16.5)	19.4 (11.0-31.8)	Yes
QN29: Percentage of students who had a suicide attempt that resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse (during the 12 months before the survey)		1.5 (0.6-3.6)	1.5 (0.7-3.4)	3.9 (1.9-7.8)	8.9 (3.5-20.9)	Yes

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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 <sup>†</sup>
		A's	B's	C's	D's/F's	
		% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
	QN30: Percentage of students who ever tried cigarette smoking (even one or two puffs)	23.6 (19.3-28.4)	34.0 (27.3-41.4)	44.9 (37.1-52.9)	64.8 (45.8-80.0)	Yes
	QN31: Percentage of students who first tried cigarette smoking before age 13 years (even one or two puffs)	5.4 (3.9-7.5)	13.3 (10.0-17.5)	21.0 (14.6-29.2)	34.6 (20.0-52.9)	Yes
	QN32: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)	5.1 (3.7-7.1)	10.4 (6.8-15.6)	14.6 (9.6-21.6)	36.1 (24.1-50.1)	Yes
	QNFRICIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)	1.0 (0.3-3.3)	3.5 (2.0-6.0)	3.9 (2.2-6.8)	18.3 (9.6-32.0)	Yes
	QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)	0.8 (0.2-3.1)	2.5 (1.5-4.0)	2.8 (1.0-7.7)	12.4 (5.5-25.6)	Yes
	QN33: 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)	7.4 (1.9-25.2)	2.2 (0.3-16.2)	-	-	

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

- = Fewer than 30 students in this subgroup.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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 <sup>†</sup>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
<b>Health Risk Behavior</b>					
QN34: Percentage of students who ever used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo])	50.4 (46.4-54.4)	58.9 (51.9-65.6)	65.8 (57.1-73.5)	72.2 (56.4-83.9)	Yes
QN35: Percentage of students who currently used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo], on at least 1 day during the 30 days before the survey)	21.5 (17.0-26.8)	32.2 (25.6-39.7)	35.1 (26.6-44.7)	50.3 (35.9-64.7)	Yes
QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey)	7.7 (4.5-12.8)	18.4 (13.4-24.7)	17.6 (10.8-27.3)	21.1 (11.6-35.4)	Yes
QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey)	5.5 (3.1-9.5)	13.2 (9.3-18.5)	14.8 (8.6-24.2)	19.0 (9.6-34.1)	Yes
QN36: 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 and who were aged <18 years)	10.4 (5.0-20.6)	14.9 (8.1-25.8)	6.7 (1.9-20.7)	-	

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

- = Fewer than 30 students in this subgroup.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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 <sup>†</sup>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QN37: 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)	3.8 (2.1-6.7)	5.2 (3.4-8.0)	13.0 (8.6-19.2)	27.9 (15.5-45.0)	Yes
QN38: Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey)	4.3 (3.0-6.3)	6.5 (4.6-9.2)	8.7 (5.4-13.7)	29.0 (19.7-40.5)	Yes
QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey)	7.9 (5.8-10.6)	13.4 (9.7-18.2)	19.3 (14.0-26.0)	42.5 (30.4-55.6)	Yes
QNTB3: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco (on at least 1 day during the 30 days before the survey)	8.9 (6.5-12.2)	15.6 (11.9-20.3)	23.0 (16.7-30.8)	50.3 (36.5-64.0)	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)	23.5 (18.9-28.9)	35.5 (28.9-42.6)	38.5 (29.4-48.4)	60.1 (46.6-72.2)	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)	22.8 (18.3-28.0)	34.1 (27.2-41.6)	36.5 (27.7-46.4)	57.4 (45.3-68.7)	Yes

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky High 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 <sup>†</sup>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
<b>Health Risk Behavior</b>					
QN39: Percentage of students who tried to quit using all tobacco products (including cigarettes, cigars, smokeless tobacco, shisha or hookah tobacco, and electronic vapor products, ever during the 12 months before the survey, among students who used any tobacco products during the 12 months before the survey)	51.4 (40.9-61.7)	56.0 (45.8-65.7)	51.8 (37.3-66.0)	49.9 (35.0-64.9)	No

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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 <sup>†</sup>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QN40: Percentage of students who had their first drink of alcohol before age 13 years (other than a few sips)	9.9 (7.2-13.5)	14.3 (10.2-19.6)	26.7 (19.6-35.2)	29.4 (17.9-44.4)	Yes
QN41: Percentage of students who currently drank alcohol (at least one drink of alcohol, on at least 1 day during the 30 days before the survey)	19.9 (16.4-23.9)	25.9 (20.0-32.7)	31.9 (24.4-40.5)	37.3 (25.1-51.4)	Yes
QN42: Percentage of students who currently were binge drinking (had four or more drinks of alcohol in a row for female students or five or more drinks of alcohol in a row for male students, within a couple of hours, on at least 1 day during the 30 days before the survey)	8.8 (6.5-11.8)	13.5 (9.4-19.1)	13.3 (9.0-19.2)	16.8 (7.6-32.9)	No
QN43: Percentage of students who reported that the largest number of drinks they had in a row was 10 or more (within a couple of hours, during the 30 days before the survey)	2.4 (1.1-5.0)	4.5 (2.6-7.6)	5.1 (2.7-9.4)	8.1 (2.9-20.7)	No
QN45: Percentage of students who ever used marijuana (one or more times during their life)	19.0 (15.1-23.6)	36.5 (29.9-43.7)	44.7 (35.7-54.0)	59.3 (43.0-73.7)	Yes
QN46: Percentage of students who tried marijuana for the first time before age 13 years	2.2 (1.2-3.8)	5.5 (3.5-8.5)	11.2 (7.7-16.0)	24.0 (13.3-39.4)	Yes
QN47: Percentage of students who currently used marijuana (one or more times during the 30 days before the survey)	8.2 (6.1-10.9)	17.6 (13.7-22.2)	23.4 (17.7-30.3)	38.4 (27.3-50.9)	Yes

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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 <sup>†</sup>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QN48: Percentage of students who ever used synthetic marijuana (one or more times during their life)	2.6 (1.3-5.0)	4.2 (2.0-8.7)	10.5 (6.3-17.1)	18.6 (10.1-31.8)	Yes
QN49: 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, one or more times during their life)	6.0 (4.2-8.5)	10.7 (7.2-15.5)	13.4 (9.8-18.2)	26.0 (14.1-43.0)	Yes
QN50: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase, one or more times during their life)	1.0 (0.5-2.3)	2.9 (1.4-5.6)	4.2 (2.1-8.0)	11.6 (6.2-20.8)	Yes
QN51: Percentage of students who ever used inhalants (sniffed glue, breathed the contents of aerosol spray cans, or inhaled any paints or sprays to get high, one or more times during their life)	3.5 (2.3-5.1)	5.2 (2.8-9.5)	5.8 (3.4-9.7)	19.2 (10.8-31.8)	Yes
QN52: Percentage of students who ever used heroin (also called "smack," "junk," or "China White," one or more times during their life)	0.2 (0.0-0.9)	0.9 (0.4-2.3)	1.3 (0.3-5.3)	6.9 (2.3-19.1)	Yes
QN53: Percentage of students who ever used methamphetamines (also called "speed," "crystal meth," "crank," "ice," or "meth," one or more times during their life)	0.5 (0.1-2.0)	1.2 (0.5-3.2)	0.7 (0.2-2.7)	8.6 (3.6-18.9)	Yes

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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 <sup>†</sup>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
<b>Health Risk Behavior</b>					
QN54: Percentage of students who ever used ecstasy (also called "MDMA," one or more times during their life)	0.6 (0.2-1.5)	3.3 (1.8-5.9)	3.0 (1.1-7.7)	12.2 (6.0-23.2)	Yes
QN55: Percentage of students who ever took steroids without a doctor's prescription (pills or shots, one or more times during their life)	0.8 (0.3-2.1)	0.3 (0.1-1.7)	2.8 (1.2-6.4)	6.4 (3.4-11.9)	Yes
QN56: Percentage of students who ever injected any illegal drug (used a needle to inject any illegal drug into their body, one or more times during their life)	0.5 (0.2-1.6)	0.5 (0.1-2.0)	0.8 (0.3-2.7)	8.2 (4.1-15.8)	Yes
QN57: Percentage of students who were offered, sold, or given an illegal drug on school property (during the 12 months before the survey)	21.5 (18.8-24.5)	25.5 (20.4-31.5)	26.7 (19.6-35.2)	30.0 (19.6-43.0)	Yes

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.



## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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 <sup>†</sup>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QN58: Percentage of students who ever had sexual intercourse	31.6 (26.0-37.8)	44.1 (37.3-51.2)	46.5 (36.8-56.5)	62.5 (43.9-78.1)	Yes
QN59: Percentage of students who had sexual intercourse for the first time before age 13 years	1.4 (0.7-2.8)	1.8 (0.8-3.9)	3.8 (1.4-10.0)	8.6 (3.7-19.0)	Yes
QN60: Percentage of students who had sexual intercourse with four or more persons during their life	4.1 (2.4-7.2)	9.5 (6.3-13.9)	6.6 (3.9-10.9)	33.7 (21.3-48.8)	Yes
QN61: Percentage of students who were currently sexually active (had sexual intercourse with at least one person, during the 3 months before the survey)	24.1 (19.9-28.8)	32.7 (26.9-39.2)	32.7 (23.8-43.0)	40.1 (26.0-56.0)	Yes
QN62: Percentage of students who drank alcohol or used drugs before last sexual intercourse (among students who were currently sexually active)	6.0 (3.1-11.4)	14.3 (9.6-20.9)	21.3 (10.2-39.2)	-	
QN63: Percentage of students who used a condom during last sexual intercourse (among students who were currently sexually active)	59.7 (52.0-67.0)	52.3 (38.2-66.1)	48.1 (29.9-66.8)	-	

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

- = Fewer than 30 students in this subgroup.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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 <sup>†</sup>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QN64: Percentage of students who used birth control pills before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)	32.9 (25.6-41.3)	22.0 (14.0-32.8)	21.3 (8.1-45.4)	-	
QNIUDIMP: Percentage of students who used an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)	2.4 (0.8-7.0)	9.6 (5.4-16.7)	6.2 (1.3-24.7)	-	
QNOTHHPL: Percentage of students who used birth control pills; an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon); or a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)	39.7 (32.5-47.4)	41.8 (32.7-51.6)	31.8 (17.1-51.2)	-	
QNDUALBC: Percentage of students who used both a condom during last sexual intercourse and birth control pills; an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon); or a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)	13.1 (8.5-19.7)	16.2 (8.7-28.1)	6.8 (2.2-19.1)	-	
QNBCNONE: Percentage of students who did not use any method to prevent pregnancy during last sexual intercourse (among students who were currently sexually active)	8.2 (4.6-14.1)	13.4 (8.1-21.4)	17.8 (6.9-38.4)	-	

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky High School Survey  
Risk Behaviors and Academic Achievement Report

Sexual Behaviors	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association <sup>†</sup>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QN85: Percentage of students who were tested for a sexually transmitted disease (STD) other than HIV, such as chlamydia or gonorrhea (during the 12 months before the survey)	6.4 (4.2-9.6)	13.5 (10.0-18.0)	7.9 (4.5-13.7)	22.8 (12.2-38.6)	Yes

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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 <sup>‡</sup>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QNOBESE: Percentage of students who had obesity ( $\geq$ 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts) <sup>¶</sup>	14.7 (10.5-20.1)	19.0 (14.0-25.4)	29.4 (22.2-37.8)	11.0 (5.2-22.0)	Yes
QNOWT: Percentage of students who were overweight ( $\geq$ 85th percentile but $<$ 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts) <sup>¶</sup>	20.3 (17.6-23.3)	15.6 (12.3-19.4)	17.4 (12.0-24.5)	26.3 (15.6-40.9)	No
QN67: Percentage of students who described themselves as slightly or very overweight	34.8 (30.4-39.5)	35.8 (29.8-42.4)	43.2 (35.6-51.1)	44.3 (32.3-57.1)	No
QN69: Percentage of students who did not drink fruit juice (100% fruit juices one or more times during the 7 days before the survey)	37.6 (33.2-42.3)	28.2 (23.5-33.4)	33.5 (24.9-43.4)	31.1 (21.6-42.5)	No
QN70: Percentage of students who did not eat fruit (one or more times during the 7 days before the survey)	17.0 (14.2-20.1)	17.0 (13.3-21.6)	25.3 (18.7-33.3)	25.3 (15.1-39.3)	No
QNFRO: Percentage of students who did not eat fruit or drink 100% fruit juices (such as orange juice, apple juice, or grape juice, during the 7 days before the survey)	10.6 (8.7-12.9)	7.5 (5.1-10.9)	14.7 (9.8-21.6)	19.0 (10.5-31.8)	Yes

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

<sup>¶</sup>Based on reference data from the 2000 CDC Growth Charts. In 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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 <sup>†</sup>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
<b>Health Risk Behavior</b>					
QNFR1: Percentage of students who ate fruit or drank 100% fruit juices one or more times per day (such as orange juice, apple juice, or grape juice, during the 7 days before the survey)	47.9 (43.1-52.7)	43.1 (37.2-49.3)	46.1 (37.1-55.3)	48.9 (34.7-63.3)	No
QNFR2: Percentage of students who ate fruit or drank 100% fruit juices two or more times per day (such as orange juice, apple juice, or grape juice, during the 7 days before the survey)	20.9 (17.0-25.5)	16.6 (12.4-21.9)	15.5 (10.6-22.1)	13.6 (6.5-26.3)	No
QN71: Percentage of students who did not eat green salad (one or more times during the 7 days before the survey)	47.9 (42.0-53.9)	51.2 (46.1-56.3)	55.5 (44.3-66.1)	60.0 (46.4-72.1)	No
QN72: Percentage of students who did not eat potatoes (one or more times during the 7 days before the survey)	38.4 (33.6-43.4)	30.9 (25.3-37.1)	44.3 (35.7-53.2)	40.7 (23.0-61.2)	Yes
QN73: Percentage of students who did not eat carrots (one or more times during the 7 days before the survey)	61.7 (57.2-66.1)	62.2 (57.5-66.6)	66.8 (57.5-74.9)	62.2 (50.2-72.8)	No
QN74: Percentage of students who did not eat other vegetables (one or more times during the 7 days before the survey)	21.3 (18.4-24.4)	23.3 (18.8-28.6)	30.9 (22.1-41.3)	40.8 (26.9-56.5)	Yes

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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 <sup>†</sup>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QNVEG0: Percentage of students who did not eat vegetables (green salad, potatoes [excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)	10.4 (7.4-14.4)	8.7 (6.5-11.5)	11.7 (7.0-19.1)	23.5 (12.5-39.9)	Yes
QNVEG1: Percentage of students who ate vegetables one or more times per day (green salad, potatoes [excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)	48.5 (44.2-52.8)	48.7 (42.9-54.4)	45.8 (38.1-53.7)	47.7 (33.3-62.4)	No
QNVEG2: Percentage of students who ate vegetables two or more times per day (green salad, potatoes [excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)	19.3 (16.8-22.1)	16.7 (13.4-20.7)	12.6 (7.6-20.2)	17.8 (9.4-31.2)	No
QNVEG3: Percentage of students who ate vegetables three or more times per day (green salad, potatoes [excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)	8.5 (6.1-11.8)	7.2 (5.3-9.8)	5.5 (2.8-10.7)	5.9 (1.7-18.7)	No
QN75: Percentage of students who did not drink a can, bottle, or glass of soda or pop (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)	27.1 (23.5-31.1)	19.9 (16.2-24.2)	25.0 (17.2-34.9)	25.5 (15.2-39.6)	No

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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 <sup>†</sup>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QNSODA1: Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)	25.7 (20.7-31.4)	28.8 (24.1-34.1)	26.5 (18.9-35.7)	42.2 (28.5-57.2)	No
QNSODA2: Percentage of students who drank a can, bottle, or glass of soda or pop two or more times per day (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)	16.4 (12.3-21.5)	19.5 (15.9-23.7)	19.8 (13.0-29.1)	27.3 (16.7-41.5)	No
QN76: Percentage of students who did not drink milk (during the 7 days before the survey)	32.8 (29.5-36.2)	28.5 (23.8-33.6)	24.3 (17.5-32.7)	31.5 (20.3-45.3)	No
QNMILK1: Percentage of students who drank one or more glasses per day of milk (counting the milk they drank in a glass or cup, from a carton, or with cereal and counting the half pint of milk served at school as equal to one glass, during the 7 days before the survey)	24.0 (21.9-26.3)	24.6 (19.3-30.7)	30.4 (23.6-38.3)	18.3 (9.6-32.0)	No
QNMILK3: Percentage of students who drank three or more glasses per day of milk (counting the milk they drank in a glass or cup, from a carton, or with cereal and counting the half pint of milk served at school as equal to one glass, during the 7 days before the survey)	6.1 (4.4-8.5)	6.0 (3.5-9.9)	9.9 (5.9-16.2)	8.5 (3.2-21.1)	No
QN77: Percentage of students who did not eat breakfast (during the 7 days before the survey)	13.2 (10.9-15.8)	16.6 (11.6-23.2)	16.1 (9.4-26.1)	29.3 (18.8-42.6)	Yes

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky High 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 <sup>†</sup>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
<b>Health Risk Behavior</b>					
QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey)	32.6 (28.3-37.2)	21.6 (17.0-27.0)	23.1 (17.6-29.8)	25.7 (15.2-40.1)	Yes

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.



## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High School Survey Risk Behaviors and Academic Achievement Report

White* Physical Activity  Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association <sup>†</sup>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
QN78: 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)	40.4 (36.3-44.7)	37.5 (31.9-43.4)	34.1 (26.5-42.5)	30.2 (21.3-40.8)	Yes
QNPA0DAY: Percentage of students who did not participate in at least 60 minutes of physical activity on at least 1 day (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)	16.7 (13.7-20.1)	18.1 (14.0-23.2)	19.5 (13.8-26.8)	32.3 (20.5-46.9)	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)	19.4 (16.8-22.2)	19.2 (14.9-24.4)	18.7 (12.5-26.9)	14.4 (7.1-27.0)	No
QN79: Percentage of students who watched television 3 or more hours per day (on an average school day)	17.4 (14.5-20.7)	21.4 (16.6-27.0)	22.2 (16.0-29.8)	33.4 (22.1-47.1)	Yes
QN80: Percentage of students who played video or computer games or used a computer 3 or more hours per day (counting time spent on things such as Xbox, PlayStation, an iPad or other tablet, a smartphone, texting, YouTube, Instagram, Facebook, or other social media, for something that was not school work, on an average school day)	46.4 (41.3-51.6)	49.7 (44.3-55.0)	49.5 (42.4-56.6)	53.6 (41.7-65.1)	No
QN81: 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 (20.1-33.1)	31.1 (23.4-40.0)	33.1 (23.6-44.3)	30.7 (18.1-47.1)	No

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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 <sup>†</sup>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
<b>Health Risk Behavior</b>					
QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school)	16.3 (11.1-23.3)	19.7 (13.6-27.6)	17.2 (10.9-26.0)	11.2 (4.4-25.4)	No
QN82: Percentage of students who played on at least one sports team (counting any teams run by their school or community groups, during the 12 months before the survey)	49.9 (44.9-54.9)	48.6 (42.1-55.2)	39.0 (29.3-49.6)	24.4 (10.8-46.1)	Yes
QN88: Percentage of students who got 8 or more hours of sleep (on an average school night)	20.4 (17.1-24.1)	18.3 (13.5-24.3)	24.0 (17.4-32.1)	17.1 (8.2-32.1)	No

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky High School Survey  
Risk Behaviors and Academic Achievement Report

White* Other	Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association <sup>†</sup>
		A's	B's	C's	D's/F's	
		% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
	QN84: Percentage of students who were ever tested for human immunodeficiency virus (HIV) (not counting tests done if they donated blood)	8.2 (6.1-10.9)	13.5 (9.5-18.8)	7.0 (4.0-12.0)	22.1 (13.8-33.4)	Yes
	QN86: Percentage of students who saw a dentist (for a check-up, exam, teeth cleaning, or other dental work, during the 12 months before the survey)	80.2 (76.3-83.7)	75.1 (69.5-80.0)	67.5 (58.4-75.4)	57.7 (40.8-72.9)	Yes
	QNNODNT: Percentage of students who never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work)	1.1 (0.5-2.5)	1.1 (0.4-3.0)	0.3 (0.1-1.1)	8.6 (3.1-21.6)	Yes
	QN87: Percentage of students who had ever been told by a doctor or nurse that they had asthma	21.2 (17.8-25.1)	22.0 (18.0-26.6)	22.5 (13.9-34.3)	27.0 (16.4-41.0)	No

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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 <sup>†</sup>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QN90: 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)	15.1 (12.3-18.3)	17.3 (12.9-22.9)	22.8 (17.9-28.6)	30.9 (21.0-43.0)	Yes
QN91: Percentage of students who smoked cigarettes on school property (on at least 1 day during the 30 days before the survey)	2.1 (1.1-4.0)	3.3 (2.1-5.0)	8.6 (4.8-14.9)	16.9 (9.8-27.7)	Yes
QN92: Percentage of students who used an electronic vapor product on school property (on at least 1 day during the 30 days before the survey)	15.1 (11.8-19.3)	24.9 (20.2-30.3)	28.6 (21.4-37.0)	39.0 (23.7-56.7)	Yes
QN93: Percentage of students who had oral sex	36.6 (31.8-41.7)	42.4 (35.2-49.9)	47.5 (37.7-57.6)	54.8 (39.8-69.0)	Yes
QN94: 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)	6.7 (4.9-9.1)	7.6 (5.2-11.0)	10.8 (6.7-16.9)	20.9 (13.0-32.0)	Yes
QN95: Percentage of students who brushed their teeth on all 7 days (during the 7 days before the survey)	78.7 (74.8-82.1)	68.8 (63.7-73.4)	58.8 (48.8-68.0)	53.0 (39.5-66.1)	Yes
QN96: Percentage of students who flossed their teeth on all 7 days (during the 7 days before the survey)	14.7 (12.5-17.1)	10.3 (8.0-13.2)	13.8 (8.1-22.4)	9.8 (4.2-21.2)	No

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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 <sup>†</sup>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QN97: 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)	6.5 (2.8-14.4)	9.7 (4.8-18.6)	6.4 (1.5-23.0)	-	
QN98: Percentage of students who missed one or more days of school because their mental health was not good (including stress, depression, and problems with emotions, during the 30 days before the survey)	22.3 (18.8-26.3)	28.1 (22.5-34.5)	28.3 (21.4-36.3)	48.0 (32.9-63.4)	Yes
QN99: Percentage of students who did not usually sleep in their parent's or guardian's home (during the 30 days before the survey)	2.6 (1.4-4.5)	4.7 (3.2-7.0)	2.3 (0.8-5.9)	13.5 (7.0-24.4)	Yes
QN100: Percentage of students who do not have an adult in their life that they trust and can talk to about serious problems	10.7 (8.5-13.4)	14.9 (12.2-18.2)	26.7 (19.4-35.6)	34.5 (20.9-51.3)	Yes
QN101: 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	78.5 (74.8-81.7)	69.6 (64.1-74.5)	52.8 (45.1-60.3)	61.8 (47.2-74.5)	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)	69.4 (64.9-73.5)	61.2 (54.5-67.5)	50.8 (41.3-60.2)	45.6 (33.1-58.8)	Yes

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.

- = Fewer than 30 students in this subgroup.

## 2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Kentucky High 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 <sup>†</sup>
	A's	B's	C's	D's/F's	
	% 95% CI <sup>§</sup>	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
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)	60.6 (54.8-66.1)	50.8 (44.4-57.1)	42.6 (32.0-53.8)	40.7 (30.5-51.9)	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)	45.0 (38.1-52.1)	38.3 (32.1-44.9)	30.6 (21.9-41.0)	33.1 (21.7-46.9)	Yes

\*Non-Hispanic.

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

<sup>§</sup>Confidence interval.