

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| Total Unintentional Injuries/Violence | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|---|--|---------------------|---------------------|---------------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | |
| Health Risk Behavior | | | | | |
| QN6: Percentage of students who rarely or never wore a bicycle helmet (among students who had ridden a bicycle) | 76.6 (71.4-81.0) | 81.6 (76.7-85.6) | 88.6 (83.5-92.3) | 82.7 (56.2-94.6) | Yes |
| QN7: Percentage of students who rarely or never wore a helmet when rollerblading or skateboarding (among students who used rollerblades or rode a skateboard) | 81.3 (75.2-86.2) | 83.5 (78.1-87.8) | 79.8 (64.9-89.4) | - | |
| QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car) | 4.1 (2.5-6.9) | 5.2 (3.1-8.7) | 11.6 (6.5-19.8) | 9.4 (3.7-21.6) | Yes |
| QN9: Percentage of students who ever rode with a driver who had been drinking alcohol (in a car) | 16.5 (14.2-19.1) | 16.5 (13.1-20.5) | 18.2 (13.1-24.8) | 15.6 (5.8-35.7) | No |
| QN10: Percentage of students who ever carried a weapon (such as a gun, knife, or club) | 29.7 (26.0-33.7) | 35.4 (30.6-40.6) | 39.3 (31.8-47.5) | 55.0 (34.3-74.0) | No |
| QN11: Percentage of students who were ever in a physical fight | 34.3 (30.4-38.4) | 48.8 (42.8-54.8) | 55.3 (48.1-62.2) | 79.1 (68.4-86.8) | Yes |
| QN12: Percentage of students who were ever bullied on school property | 43.7 (38.8-48.7) | 44.8 (40.2-49.5) | 46.6 (38.5-55.0) | 31.5 (20.2-45.4) | Yes |

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

† Confidence interval.

- = Fewer than 30 students in this subgroup.

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|--|--|---------------------|---------------------|---------------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI [†] | % 95% CI | % 95% CI | % 95% CI | |
| Health Risk Behavior | | | | | |
| QN13: Percentage of students who were ever electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media) | 24.9 (21.2-29.1) | 27.3 (22.2-33.1) | 27.1 (20.9-34.3) | 22.0 (11.9-37.1) | No |
| QN14: Percentage of students who ever seriously thought about killing themselves | 18.5 (15.7-21.7) | 24.6 (19.3-30.8) | 24.4 (17.7-32.5) | 29.7 (15.4-49.6) | Yes |
| QN15: Percentage of students who ever made a plan about how they would kill themselves | 11.7 (9.7-14.1) | 13.9 (10.5-18.2) | 16.5 (11.8-22.6) | 16.0 (7.4-31.1) | No |
| QN16: Percentage of students who ever tried to kill themselves | 6.3 (4.5-8.8) | 10.1 (6.7-14.8) | 9.1 (5.0-15.9) | 6.1 (2.1-16.1) | No |

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2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| Total Tobacco Use | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|--|--|---------------------|---------------------|---------------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | |
| Health Risk Behavior | | | | | |
| QN17: Percentage of students who ever tried cigarette smoking (even one or two puffs) | 10.8 (7.9-14.6) | 15.7 (12.1-20.1) | 24.9 (17.9-33.5) | 37.6 (22.1-56.1) | Yes |
| QN18: Percentage of students who tried cigarette smoking for the first time before age 11 years (even one or two puffs) | 5.9 (3.8-9.1) | 6.3 (4.3-9.1) | 11.8 (7.2-18.7) | 14.0 (6.4-27.9) | No |
| QN19: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey) | 1.3 (0.6-2.9) | 4.2 (2.6-6.5) | 6.8 (3.0-14.8) | 23.3 (13.5-37.2) | Yes |
| QNFRICIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey) | 0.3 (0.1-1.0) | 0.8 (0.3-2.3) | 0.0 | 5.4 (1.5-17.3) | Yes |
| QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey) | 0.2 (0.0-0.7) | 0.8 (0.3-2.3) | 0.0 | 5.4 (1.5-17.3) | Yes |
| QN20: Percentage of students who smoked more than 10 cigarettes per day (on the days they smoked during the 30 days before the survey, among students who currently smoked cigarettes) | - | - | - | - | |
| QN21: Percentage of students who ever used an electronic vapor product | 23.9 (19.8-28.5) | 32.3 (27.6-37.4) | 42.3 (32.4-52.9) | 54.5 (40.6-67.8) | Yes |

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|--|--|---------------------|---------------------|---------------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | |
| Health Risk Behavior | | | | | |
| QN22: Percentage of students who currently used an electronic vapor product (on at least 1 day during the 30 days before the survey) | 12.5 (9.5-16.3) | 18.3 (14.3-23.1) | 24.3 (15.3-36.3) | 38.3 (26.5-51.6) | Yes |
| QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey) | 0.7 (0.2-2.7) | 1.8 (0.9-3.5) | 4.1 (1.8-9.1) | 7.1 (3.0-15.7) | Yes |
| QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey) | 0.6 (0.1-2.9) | 1.6 (0.7-3.3) | 0.5 (0.1-3.8) | 1.6 (0.2-13.0) | No |
| QN23: Percentage of students who usually got their own electronic vapor products by buying them in a store (such as a convenience store, supermarket, discount store, gas station, or vape store, during the 30 days before the survey, among students who currently used electronic vapor products) | 4.7 (1.6-13.2) | 7.7 (3.0-18.0) | 13.4 (5.1-30.8) | - | |
| QN24: Percentage of students who currently used smokeless tobacco (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey) | 2.5 (1.4-4.4) | 3.0 (1.7-5.4) | 6.7 (3.5-12.6) | 13.7 (5.8-29.0) | No |
| QN25: Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey) | 1.5 (0.9-2.4) | 3.4 (2.0-5.6) | 6.9 (3.6-12.9) | 17.0 (11.1-25.2) | Yes |

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2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| Total Tobacco Use | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|---|--|---------------------|---------------------|---------------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | |
| Health Risk Behavior | | | | | |
| QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey) | 2.5 (1.5-4.0) | 6.3 (4.3-9.2) | 10.2 (5.6-17.7) | 27.6 (16.6-42.2) | Yes |
| QNTB3: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco (on at least 1 day during the 30 days before the survey) | 4.1 (2.6-6.2) | 7.1 (4.9-10.2) | 13.9 (7.6-24.0) | 34.8 (24.3-47.1) | Yes |
| QNTB4: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco or electronic vapor products (on at least 1 day during the 30 days before the survey) | 14.3 (10.8-18.7) | 20.1 (16.1-24.9) | 26.8 (17.7-38.5) | 46.0 (36.2-56.2) | Yes |
| QNTB5: Percentage of students who currently smoked cigarettes or used electronic vapor products (on at least 1 day during the 30 days before the survey) | 13.2 (9.8-17.4) | 18.6 (14.7-23.1) | 25.0 (16.1-36.7) | 41.8 (30.6-53.8) | Yes |

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† Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| Total Alcohol/Other Drug Use | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|--|--|---------------------|---------------------|---------------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | |
| Health Risk Behavior | | | | | |
| QN26: Percentage of students who ever drank alcohol (other than a few sips) | 17.0 (14.8-19.3) | 25.0 (20.3-30.4) | 27.3 (21.4-34.2) | 47.8 (35.8-60.0) | Yes |
| QN27: Percentage of students who drank alcohol for the first time before age 11 years (other than a few sips) | 8.1 (6.5-10.1) | 11.4 (8.7-14.8) | 12.3 (7.8-18.7) | 29.0 (18.6-42.1) | Yes |
| QN28: Percentage of students who ever used marijuana | 5.2 (3.9-6.9) | 9.8 (6.8-13.9) | 14.7 (8.1-25.2) | 28.1 (18.8-39.7) | Yes |
| QN29: Percentage of students who tried marijuana for the first time before age 11 years | 1.2 (0.7-2.3) | 2.0 (1.0-3.8) | 4.5 (1.8-10.7) | 8.8 (3.0-23.4) | Yes |
| QN30: Percentage of students who ever took prescription pain medicine without a doctor's prescription or differently than how a doctor told them to use it (counting drugs such as codeine, Vicodin, Oxycontin, hydrocodone, and Percocet) | 6.6 (5.1-8.5) | 10.8 (7.6-15.0) | 13.3 (9.2-18.9) | 13.7 (6.2-27.6) | Yes |
| QN31: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase) | 1.0 (0.4-2.3) | 2.1 (1.1-4.2) | 5.3 (1.8-14.5) | 4.9 (1.4-15.9) | Yes |
| QN32: Percentage of students who ever used inhalants (sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high) | 6.5 (4.2-9.9) | 8.7 (6.8-11.3) | 5.0 (2.6-9.3) | 8.0 (3.5-17.5) | No |

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† Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| Total Alcohol/Other Drug Use | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|--|--|------------------|------------------|-------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI [†] | % 95% CI | % 95% CI | % 95% CI | |
| Health Risk Behavior | | | | | |
| QN33: Percentage of students who ever took steroids without a doctor's prescription (pills or shots) | 0.9 (0.4-2.0) | 2.7 (1.4-5.0) | 3.7 (2.0-6.7) | 0.0 | Yes |

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[†] Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

**Total
Sexual Behaviors**

| Health Risk Behavior | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|--|--|---------------------|--------------------|--------------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | |
| QN34: Percentage of students who ever had sexual intercourse | 3.8 (2.3-6.2) | 10.9 (7.6-15.2) | 12.9 (7.5-21.2) | 14.1 (4.4-37.2) | Yes |
| QN35: Percentage of students who had sexual intercourse for the first time before age 11 years | 1.0 (0.4-2.6) | 2.5 (1.3-4.8) | 3.5 (1.7-7.1) | 5.1 (1.3-18.2) | No |
| QN36: Percentage of students who ever had sexual intercourse with three or more persons | 0.5 (0.2-1.4) | 2.2 (1.0-4.7) | 4.0 (1.5-10.0) | 5.4 (1.2-21.7) | Yes |
| QN37: Percentage of students who used a condom during last sexual intercourse (among students who ever had sexual intercourse) | - | 59.7 (44.7-73.1) | - | - | |

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

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2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

**Total
Dietary Behaviors**

| Health Risk Behavior | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|--|--|---------------------|---------------------|---------------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | |
| QN38: Percentage of students who described themselves as slightly or very overweight | 30.6 (27.2-34.2) | 30.8 (26.6-35.3) | 36.0 (27.7-45.3) | 39.3 (24.9-56.0) | No |
| QN39: Percentage of students who were trying to lose weight | 48.2 (43.6-52.9) | 51.0 (45.9-56.1) | 52.0 (46.7-57.3) | 55.5 (39.4-70.5) | No |
| QN40: Percentage of students who did not eat breakfast (during the 7 days before the survey) | 10.9 (8.3-14.1) | 10.9 (8.5-13.9) | 15.0 (9.7-22.6) | 20.3 (11.4-33.6) | No |
| QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey) | 41.7 (36.1-47.5) | 41.4 (36.4-46.5) | 39.5 (32.4-47.1) | 32.5 (17.3-52.5) | No |

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

† Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| Total Physical Activity | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|---|--|---------------------|---------------------|---------------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | |
| Health Risk Behavior | | | | | |
| QN41: Percentage of students who were physically active at least 60 minutes per day on 5 or more days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey) | 45.2 (40.8-49.6) | 42.9 (37.7-48.3) | 39.9 (31.0-49.5) | 34.9 (22.9-49.2) | No |
| QNPA0DAY: Percentage of students who did not participate in at least 60 minutes of physical activity on at least 1 day (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey) | 13.2 (9.7-17.8) | 14.6 (12.0-17.7) | 14.5 (9.1-22.3) | 20.1 (11.9-32.0) | No |
| QNPA7DAY: Percentage of students who were physically active at least 60 minutes per day on all 7 days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey) | 22.5 (18.8-26.6) | 23.7 (19.2-29.0) | 17.8 (11.0-27.6) | 20.4 (11.8-33.1) | No |
| QN42: Percentage of students who watched television 3 or more hours per day (on an average school day) | 23.7 (19.8-28.2) | 27.8 (22.5-33.8) | 31.0 (23.6-39.6) | 36.0 (24.7-49.0) | No |
| QN43: Percentage of students who played video or computer games or used a computer 3 or more hours per day (counting time spent on things such as playing games, watching videos, texting, or using social media on their smartphone, computer, Xbox, PlayStation, iPad, or other tablet, for something that was not school work, on an average school day) | 49.8 (44.4-55.2) | 50.4 (44.9-55.8) | 60.7 (52.2-68.6) | 56.1 (41.5-69.7) | No |
| QN44: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school) | 34.3 (28.5-40.6) | 40.7 (33.2-48.6) | 50.3 (41.5-59.1) | 30.6 (18.5-46.2) | No |

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|---|--|---------------------|---------------------|---------------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI [†] | % 95% CI | % 95% CI | % 95% CI | |
| Health Risk Behavior | | | | | |
| QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school) | 25.3 (19.3-32.4) | 30.5 (23.8-38.1) | 35.3 (26.6-45.0) | 20.0 (10.4-35.0) | No |
| QN45: Percentage of students who played on at least one sports team (counting any teams run by their school or community groups, during the past 12 months before the survey) | 60.7 (54.5-66.5) | 55.2 (49.6-60.7) | 45.5 (38.3-52.9) | 32.4 (20.2-47.6) | Yes |
| QN46: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey) | 15.3 (13.0-17.8) | 17.7 (13.6-22.8) | 23.7 (18.8-29.4) | 34.6 (19.9-52.9) | Yes |
| QN48: Percentage of students who got 8 or more hours of sleep (on an average school night) | 48.0 (44.0-52.1) | 42.5 (37.0-48.2) | 39.9 (33.0-47.2) | 31.7 (20.6-45.4) | No |

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2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| Total Other | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|---|--|---------------------|---------------------|---------------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| Health Risk Behavior | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | |
| QN47: Percentage of students who had ever been told by a doctor or nurse that they had asthma | 18.4 (15.0-22.3) | 21.2 (18.1-24.6) | 21.2 (15.0-29.3) | 30.4 (19.1-44.7) | No |

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2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| Total Site-Added | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|--|--|---------------------|---------------------|---------------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | |
| Health Risk Behavior | | | | | |
| QN50: Percentage of students who did something to purposely hurt themselves without wanting to die (such as cutting or burning themselves on purpose one or more times during the 12 months before the survey) | 17.1 (14.7-19.8) | 21.4 (17.8-25.4) | 24.5 (18.6-31.4) | 27.8 (14.1-47.5) | Yes |
| QN51: Percentage of students who smoked cigarettes on school property (on at least 1 day during the 30 days before the survey) | 1.2 (0.7-2.0) | 2.9 (1.6-5.3) | 2.2 (1.1-4.3) | 4.5 (1.2-16.2) | No |
| QN52: Percentage of students who used an electronic vapor product on school property (on at least 1 day during the 30 days before the survey) | 5.0 (3.2-7.7) | 7.0 (4.6-10.6) | 12.0 (7.2-19.4) | 16.4 (7.2-33.4) | Yes |
| QN53: Percentage of students who had oral sex | 7.4 (5.7-9.6) | 13.0 (10.0-16.7) | 14.0 (10.0-19.2) | 4.2 (1.0-16.7) | Yes |
| QN54: Percentage of students who did not drink a bottle or glass of plain water (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey) | 5.2 (4.1-6.7) | 7.4 (5.3-10.2) | 4.8 (2.7-8.4) | 15.6 (6.0-34.9) | No |
| QN55: Percentage of students who reported that some of their classroom teachers provide short physical activity breaks during regular class time (not counting their physical education teacher) | 18.8 (15.4-22.8) | 22.4 (17.1-28.8) | 27.4 (17.9-39.6) | 26.9 (17.8-38.3) | No |

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|---|--|---------------------|---------------------|---------------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | |
| Health Risk Behavior | | | | | |
| QN56: Percentage of students who missed one or more days of school because of their asthma (during the 30 days before the survey, among students who have asthma) | 13.0 (8.9-18.6) | 11.1 (6.2-19.3) | 27.6 (15.2-44.8) | - | |
| QN57: Percentage of students who reported their mental health was not good (including stress, depression, and problems with emotions, on at least 1 day during the 30 days before the survey) | 52.7 (49.1-56.2) | 50.0 (45.0-55.0) | 52.3 (45.0-59.5) | 52.8 (33.1-71.7) | No |
| QN58: Percentage of students who brushed their teeth on all 7 days (during the 7 days before the survey) | 72.0 (67.9-75.7) | 68.1 (63.6-72.3) | 65.3 (59.2-70.9) | 62.2 (48.1-74.5) | No |
| QN59: Percentage of students who flossed their teeth on all 7 days (during the 7 days before the survey) | 18.7 (15.4-22.6) | 17.5 (14.1-21.5) | 22.4 (17.9-27.7) | 20.9 (15.5-27.6) | No |
| QN60: Percentage of students who did not usually sleep in their parent's or guardian's home (during the 30 days before the survey) | 0.7 (0.2-1.8) | 2.0 (0.9-4.3) | 6.9 (3.4-13.2) | 0.0 | Yes |
| QN61: Percentage of students who do not have an adult in their life that they trust and can talk to about serious problems | 9.7 (7.9-11.8) | 13.6 (10.3-17.8) | 17.7 (13.4-23.1) | 16.5 (8.4-29.8) | Yes |

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

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| Total Site-Added | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|--|--|---------------------|---------------------|---------------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | |
| Health Risk Behavior | | | | | |
| QN62: Percentage of students who reported their parents or other adults in their family most of the time or always ask where they are going or with whom they will be | 79.1 (75.9-82.0) | 67.6 (62.3-72.5) | 63.3 (54.0-71.7) | 61.6 (47.0-74.4) | Yes |
| QN63: Percentage of students who reported there is at least one teacher or other adult in their school that they can talk to if they have a problem | 69.4 (65.5-73.0) | 67.8 (62.4-72.7) | 58.4 (50.7-65.7) | 46.0 (33.8-58.7) | Yes |
| QNWATER1: Percentage of students who drank a bottle or glass of plain water one or more times per day (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey) | 65.6 (61.1-69.8) | 58.6 (53.9-63.1) | 57.5 (50.5-64.3) | 54.3 (41.9-66.3) | No |
| QNWATER2: Percentage of students who drank a bottle or glass of plain water two or more times per day (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey) | 58.0 (53.5-62.4) | 51.9 (47.4-56.4) | 48.4 (40.7-56.2) | 46.0 (33.7-58.9) | Yes |
| QNWATER3: Percentage of students who drank a bottle or glass of plain water three or more times per day (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey) | 42.9 (38.8-47.1) | 36.8 (31.5-42.4) | 38.9 (32.6-45.6) | 36.3 (23.9-50.9) | Yes |

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

† Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

Male

Unintentional Injuries/Violence

| Health Risk Behavior | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|---|--|---------------------|---------------------|---------------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | |
| QN6: Percentage of students who rarely or never wore a bicycle helmet (among students who had ridden a bicycle) | 77.7 (71.8-82.6) | 82.2 (75.0-87.6) | 84.2 (77.7-89.0) | - | |
| QN7: Percentage of students who rarely or never wore a helmet when rollerblading or skateboarding (among students who used rollerblades or rode a skateboard) | 80.2 (67.1-88.9) | 80.5 (71.5-87.2) | 71.7 (51.4-85.9) | - | |
| QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car) | 6.0 (3.1-11.2) | 5.0 (2.6-9.6) | 8.9 (4.6-16.7) | 8.8 (3.3-21.4) | No |
| QN9: Percentage of students who ever rode with a driver who had been drinking alcohol (in a car) | 17.8 (13.0-23.9) | 15.9 (11.2-22.0) | 13.9 (8.7-21.5) | 17.7 (6.2-40.9) | No |
| QN10: Percentage of students who ever carried a weapon (such as a gun, knife, or club) | 46.2 (38.1-54.6) | 43.9 (37.0-51.1) | 41.0 (33.6-48.9) | 65.9 (43.7-82.8) | No |
| QN11: Percentage of students who were ever in a physical fight | 51.5 (44.2-58.8) | 57.3 (48.9-65.2) | 62.6 (52.4-71.8) | 88.8 (75.8-95.3) | Yes |
| QN12: Percentage of students who were ever bullied on school property | 34.1 (28.8-39.9) | 35.2 (29.5-41.3) | 34.3 (27.0-42.4) | 17.4 (7.5-35.4) | No |

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

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

Male

Unintentional Injuries/Violence

| Health Risk Behavior | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|--|--|---------------------|--------------------|--------------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI [†] | % 95% CI | % 95% CI | % 95% CI | |
| QN13: Percentage of students who were ever electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media) | 16.7 (11.9-23.1) | 20.0 (14.7-26.7) | 15.5 (9.0-25.5) | 10.6 (4.3-23.9) | No |
| QN14: Percentage of students who ever seriously thought about killing themselves | 12.7 (9.0-17.6) | 17.1 (11.0-25.6) | 12.2 (7.5-19.2) | 18.9 (8.8-36.1) | No |
| QN15: Percentage of students who ever made a plan about how they would kill themselves | 8.5 (5.6-12.7) | 9.2 (5.5-15.1) | 7.4 (3.5-15.1) | 9.2 (2.8-25.9) | No |
| QN16: Percentage of students who ever tried to kill themselves | 5.1 (3.1-8.4) | 5.1 (2.9-8.9) | 4.3 (1.4-12.6) | 6.8 (2.2-18.8) | No |

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

[†] Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| Male Tobacco Use | | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|--|---------------------|--|---------------------|---------------------|-----|-----------------------------|
| Health Risk Behavior | A's | B's | C's | D's/F's | | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | | |
| QN17: Percentage of students who ever tried cigarette smoking (even one or two puffs) | 10.7 (7.3-15.5) | 14.8 (10.3-20.8) | 18.6 (12.4-26.8) | 32.8 (19.6-49.3) | Yes | |
| QN18: Percentage of students who tried cigarette smoking for the first time before age 11 years (even one or two puffs) | 5.8 (3.0-10.8) | 6.2 (3.9-9.7) | 14.0 (8.1-23.1) | 11.7 (4.7-26.2) | No | |
| QN19: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey) | 0.8 (0.2-2.4) | 4.7 (2.8-7.7) | 2.5 (0.9-6.2) | 23.7 (13.1-39.0) | Yes | |
| QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey) | 0.5 (0.1-2.3) | 1.5 (0.5-4.3) | 0.0 | 8.5 (2.4-25.6) | Yes | |
| QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey) | 0.2 (0.0-1.8) | 1.5 (0.5-4.3) | 0.0 | 8.5 (2.4-25.6) | Yes | |
| QN20: Percentage of students who smoked more than 10 cigarettes per day (on the days they smoked during the 30 days before the survey, among students who currently smoked cigarettes) | - | - | - | - | | |
| QN21: Percentage of students who ever used an electronic vapor product | 24.0 (17.4-32.2) | 26.5 (20.5-33.6) | 40.6 (31.0-50.9) | 47.8 (31.4-64.6) | Yes | |

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

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| Male Tobacco Use | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|--|--|--------------------|---------------------|---------------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | |
| Health Risk Behavior | | | | | |
| QN22: Percentage of students who currently used an electronic vapor product (on at least 1 day during the 30 days before the survey) | 11.8 (7.9-17.3) | 13.8 (9.3-20.0) | 20.0 (14.0-27.7) | 33.1 (20.8-48.4) | Yes |
| QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey) | 1.2 (0.2-6.7) | 1.7 (0.7-4.1) | 3.4 (1.0-11.0) | 11.0 (4.3-25.6) | Yes |
| QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey) | 1.0 (0.1-7.6) | 1.7 (0.7-4.1) | 0.0 | 2.5 (0.3-20.1) | No |
| QN23: Percentage of students who usually got their own electronic vapor products by buying them in a store (such as a convenience store, supermarket, discount store, gas station, or vape store, during the 30 days before the survey, among students who currently used electronic vapor products) | 6.7 (1.6-24.6) | 7.4 (1.4-31.1) | - | - | |
| QN24: Percentage of students who currently used smokeless tobacco (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey) | 5.0 (3.0-8.2) | 3.9 (1.9-7.8) | 5.8 (2.6-12.3) | 6.5 (1.0-32.0) | No |
| QN25: Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey) | 2.0 (1.0-4.1) | 4.4 (2.4-7.8) | 4.4 (1.7-10.6) | 20.9 (12.0-33.9) | Yes |

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

† Confidence interval.

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2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| Male Tobacco Use | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|---|--|---------------------|---------------------|---------------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI [†] | % 95% CI | % 95% CI | % 95% CI | |
| Health Risk Behavior | | | | | |
| QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey) | 2.2 (1.1-4.4) | 6.8 (4.2-10.7) | 5.9 (2.9-11.7) | 26.7 (16.6-40.0) | Yes |
| QNTB3: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco (on at least 1 day during the 30 days before the survey) | 5.6 (3.5-8.8) | 7.6 (4.9-11.6) | 8.7 (4.5-16.1) | 26.7 (16.6-40.0) | Yes |
| QNTB4: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco or electronic vapor products (on at least 1 day during the 30 days before the survey) | 14.6 (10.0-20.7) | 16.4 (11.5-22.9) | 23.2 (16.2-32.1) | 35.9 (24.6-48.9) | Yes |
| QNTB5: Percentage of students who currently smoked cigarettes or used electronic vapor products (on at least 1 day during the 30 days before the survey) | 12.6 (8.5-18.1) | 14.2 (10.0-19.9) | 21.1 (15.2-28.6) | 35.9 (24.6-48.9) | Yes |

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

[†] Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

Male

Alcohol/Other Drug Use

| Health Risk Behavior | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|--|--|---------------------|---------------------|---------------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | |
| QN26: Percentage of students who ever drank alcohol (other than a few sips) | 16.4 (12.0-21.9) | 19.0 (14.1-25.0) | 21.5 (14.4-30.9) | 52.2 (30.2-73.4) | Yes |
| QN27: Percentage of students who drank alcohol for the first time before age 11 years (other than a few sips) | 10.2 (7.3-14.0) | 11.3 (7.6-16.4) | 9.8 (5.8-16.1) | - | |
| QN28: Percentage of students who ever used marijuana | 5.0 (3.1-7.9) | 6.1 (3.6-9.9) | 10.5 (4.7-21.6) | 32.7 (20.2-48.3) | Yes |
| QN29: Percentage of students who tried marijuana for the first time before age 11 years | 1.0 (0.3-3.4) | 1.1 (0.3-3.7) | 4.0 (1.4-10.9) | 11.2 (3.6-29.6) | Yes |
| QN30: Percentage of students who ever took prescription pain medicine without a doctor's prescription or differently than how a doctor told them to use it (counting drugs such as codeine, Vicodin, Oxycontin, hydrocodone, and Percocet) | 4.9 (2.6-9.3) | 7.7 (4.8-12.2) | 6.8 (3.0-14.6) | 5.7 (1.2-23.6) | No |
| QN31: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase) | 0.0 | 1.3 (0.4-4.4) | 1.4 (0.3-6.5) | 7.7 (2.1-24.7) | Yes |
| QN32: Percentage of students who ever used inhalants (sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high) | 7.7 (4.1-13.9) | 6.5 (4.2-10.0) | 1.8 (0.4-7.7) | 7.4 (2.2-22.1) | No |

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

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

Male

Alcohol/Other Drug Use

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

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

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

[†] Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

Male
Sexual Behaviors

| Health Risk Behavior | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|--|--|---------------------|-------------------|-------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | |
| QN34: Percentage of students who ever had sexual intercourse | 3.3 (1.6-6.7) | 13.7 (9.0-20.3) | 9.4 (4.2-19.8) | - | |
| QN35: Percentage of students who had sexual intercourse for the first time before age 11 years | 1.7 (0.5-5.5) | 3.4 (1.4-7.7) | 3.3 (0.9-11.7) | - | |
| QN36: Percentage of students who ever had sexual intercourse with three or more persons | 0.5 (0.1-2.3) | 2.5 (1.0-6.1) | 2.1 (0.4-10.2) | - | |
| QN37: Percentage of students who used a condom during last sexual intercourse (among students who ever had sexual intercourse) | - | 67.2 (45.3-83.5) | - | - | |

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

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

Male
Dietary Behaviors

| Health Risk Behavior | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|--|--|---------------------|---------------------|---------------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI [†] | % 95% CI | % 95% CI | % 95% CI | |
| QN38: Percentage of students who described themselves as slightly or very overweight | 29.7 (24.9-35.1) | 31.4 (25.1-38.4) | 31.4 (23.4-40.6) | 32.4 (15.3-56.0) | No |
| QN39: Percentage of students who were trying to lose weight | 38.7 (32.7-45.1) | 44.2 (38.0-50.6) | 45.7 (39.4-52.1) | 43.4 (26.1-62.5) | No |
| QN40: Percentage of students who did not eat breakfast (during the 7 days before the survey) | 10.7 (7.5-15.1) | 8.8 (5.5-13.6) | 11.0 (5.8-19.9) | 12.4 (4.5-29.8) | No |
| QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey) | 48.6 (43.2-54.1) | 49.6 (43.6-55.6) | 48.7 (38.7-58.8) | 28.7 (17.6-43.1) | No |

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

[†] Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| Male Physical Activity | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|---|--|---------------------|---------------------|---------------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | |
| Health Risk Behavior | | | | | |
| QN41: Percentage of students who were physically active at least 60 minutes per day on 5 or more days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey) | 50.8 (45.7-56.0) | 48.6 (40.6-56.8) | 42.6 (32.4-53.5) | 37.4 (22.6-54.9) | No |
| QNPA0DAY: Percentage of students who did not participate in at least 60 minutes of physical activity on at least 1 day (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey) | 12.3 (8.3-17.8) | 14.4 (10.9-18.7) | 13.3 (7.5-22.5) | 28.2 (16.1-44.7) | Yes |
| QNPA7DAY: Percentage of students who were physically active at least 60 minutes per day on all 7 days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey) | 28.2 (22.5-34.8) | 27.8 (20.6-36.4) | 20.0 (11.3-33.0) | 28.7 (15.7-46.3) | No |
| QN42: Percentage of students who watched television 3 or more hours per day (on an average school day) | 17.5 (12.4-24.1) | 27.9 (21.8-34.9) | 26.6 (17.9-37.4) | 37.2 (21.9-55.5) | No |
| QN43: Percentage of students who played video or computer games or used a computer 3 or more hours per day (counting time spent on things such as playing games, watching videos, texting, or using social media on their smartphone, computer, Xbox, PlayStation, iPad, or other tablet, for something that was not school work, on an average school day) | 56.1 (46.9-64.9) | 53.8 (47.0-60.5) | 65.4 (56.9-72.9) | 60.6 (42.8-75.9) | No |
| QN44: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school) | 36.5 (29.3-44.3) | 42.4 (35.0-50.1) | 58.1 (47.7-67.8) | 31.5 (17.6-49.8) | Yes |

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

† Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

Male
Physical Activity

| 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) | 26.1 (19.1-34.6) | 31.3 (24.2-39.4) | 41.6 (29.7-54.5) | 21.6 (10.1-40.5) | No |
| QN45: Percentage of students who played on at least one sports team (counting any teams run by their school or community groups, during the past 12 months before the survey) | 60.4 (51.2-69.0) | 57.0 (50.1-63.7) | 47.8 (38.6-57.2) | 30.8 (16.6-49.9) | No |
| QN46: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey) | 17.1 (13.0-22.2) | 18.4 (12.8-25.7) | 26.2 (19.6-34.0) | 21.5 (11.7-36.1) | No |
| QN48: Percentage of students who got 8 or more hours of sleep (on an average school night) | 50.5 (45.6-55.4) | 41.6 (36.2-47.2) | 43.3 (35.0-51.9) | 26.2 (15.2-41.2) | No |

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

† Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey
Risk Behaviors and Academic Achievement Report

| Male Other | Health Risk Behavior | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|---------------|---|--|---------------------|---------------------|------------------------|-----------------------------|
| | | A's % 95% CI† | B's % 95% CI | C's % 95% CI | D's/F's % 95% CI | |
| | QN47: Percentage of students who had ever been told by a doctor or nurse that they had asthma | 20.9 (16.5-26.1) | 21.9 (16.6-28.3) | 22.0 (15.5-30.4) | 35.6 (23.2-50.3) | No |

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

† Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| Male Site-Added | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|--|--|---------------------|---------------------|---------------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | |
| Health Risk Behavior | | | | | |
| QN50: Percentage of students who did something to purposely hurt themselves without wanting to die (such as cutting or burning themselves on purpose one or more times during the 12 months before the survey) | 12.0 (9.1-15.7) | 13.5 (10.6-17.0) | 16.0 (10.0-24.6) | 17.0 (6.0-39.7) | No |
| QN51: Percentage of students who smoked cigarettes on school property (on at least 1 day during the 30 days before the survey) | 1.2 (0.4-3.5) | 2.9 (1.4-5.8) | 1.7 (0.5-5.1) | 7.2 (1.8-24.1) | No |
| QN52: Percentage of students who used an electronic vapor product on school property (on at least 1 day during the 30 days before the survey) | 5.7 (3.2-10.2) | 6.3 (3.4-11.6) | 8.6 (4.6-15.7) | 17.4 (6.7-38.0) | No |
| QN53: Percentage of students who had oral sex | 6.5 (4.4-9.4) | 14.3 (10.7-19.0) | 9.8 (5.2-17.6) | 4.1 (0.6-21.5) | Yes |
| QN54: Percentage of students who did not drink a bottle or glass of plain water (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey) | 7.0 (4.7-10.2) | 8.4 (5.0-13.8) | 3.9 (1.5-10.1) | 16.6 (6.9-35.0) | No |
| QN55: Percentage of students who reported that some of their classroom teachers provide short physical activity breaks during regular class time (not counting their physical education teacher) | 16.5 (12.6-21.4) | 21.8 (16.0-28.9) | 27.4 (16.9-41.3) | 26.4 (15.5-41.2) | No |

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

† Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| Male Site-Added | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|---|--|---------------------|---------------------|---------------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | |
| Health Risk Behavior | | | | | |
| QN56: Percentage of students who missed one or more days of school because of their asthma (during the 30 days before the survey, among students who have asthma) | 9.9 (4.6-20.0) | 9.6 (4.7-18.6) | 30.7 (15.1-52.3) | - | |
| QN57: Percentage of students who reported their mental health was not good (including stress, depression, and problems with emotions, on at least 1 day during the 30 days before the survey) | 38.2 (32.5-44.3) | 38.8 (31.8-46.2) | 39.2 (30.0-49.2) | 43.0 (26.9-60.8) | No |
| QN58: Percentage of students who brushed their teeth on all 7 days (during the 7 days before the survey) | 61.8 (55.6-67.7) | 64.1 (58.4-69.3) | 56.8 (46.8-66.2) | 60.2 (40.1-77.4) | No |
| QN59: Percentage of students who flossed their teeth on all 7 days (during the 7 days before the survey) | 16.5 (12.6-21.3) | 14.8 (11.4-19.0) | 23.1 (15.9-32.1) | 15.5 (8.2-27.4) | No |
| QN60: Percentage of students who did not usually sleep in their parent's or guardian's home (during the 30 days before the survey) | 1.4 (0.4-4.3) | 2.4 (1.0-5.7) | 4.6 (1.8-11.6) | 0.0 | Yes |
| QN61: Percentage of students who do not have an adult in their life that they trust and can talk to about serious problems | 6.0 (3.6-9.8) | 10.6 (6.9-15.9) | 12.4 (7.6-19.5) | 8.4 (2.2-27.1) | No |

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

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| Male Site-Added | Health Risk Behavior | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|--------------------|--|--|---------------------|---------------------|---------------------|-----------------------------|
| | | A's | B's | C's | D's/F's | |
| | | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | |
| | QN62: Percentage of students who reported their parents or other adults in their family most of the time or always ask where they are going or with whom they will be | 72.2 (67.2-76.8) | 65.4 (58.5-71.8) | 64.1 (51.1-75.3) | 66.1 (40.6-84.8) | No |
| | QN63: Percentage of students who reported there is at least one teacher or other adult in their school that they can talk to if they have a problem | 68.5 (63.7-72.9) | 68.3 (60.5-75.3) | 59.3 (48.8-69.1) | 41.6 (27.4-57.3) | Yes |
| | QNWATER1: Percentage of students who drank a bottle or glass of plain water one or more times per day (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey) | 66.1 (58.0-73.4) | 58.8 (52.0-65.2) | 58.3 (48.2-67.7) | 51.9 (34.9-68.5) | No |
| | QNWATER2: Percentage of students who drank a bottle or glass of plain water two or more times per day (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey) | 58.0 (49.0-66.5) | 51.5 (45.0-57.9) | 48.5 (39.6-57.4) | 41.7 (25.4-60.1) | No |
| | QNWATER3: Percentage of students who drank a bottle or glass of plain water three or more times per day (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey) | 44.3 (36.3-52.6) | 35.6 (28.7-43.1) | 40.6 (32.3-49.5) | 34.1 (17.1-56.5) | No |

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

† Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| Female Unintentional Injuries/Violence | | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|---|---------------------|--|---------------------|-------------|--|-----------------------------|
| Health Risk Behavior | A's | B's | C's | D's/F's | | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | | |
| QN6: Percentage of students who rarely or never wore a bicycle helmet (among students who had ridden a bicycle) | 75.8 (68.7-81.7) | 80.8 (73.4-86.5) | 98.1 (85.3-99.8) | - | | |
| QN7: Percentage of students who rarely or never wore a helmet when rollerblading or skateboarding (among students who used rollerblades or rode a skateboard) | 82.0 (73.2-88.3) | 86.3 (78.1-91.8) | - | - | | |
| QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car) | 2.8 (1.5-5.0) | 5.5 (2.8-10.4) | 16.1 (6.8-33.6) | - | | |
| QN9: Percentage of students who ever rode with a driver who had been drinking alcohol (in a car) | 15.6 (12.4-19.3) | 17.2 (12.9-22.7) | 25.6 (15.8-38.7) | - | | |
| QN10: Percentage of students who ever carried a weapon (such as a gun, knife, or club) | 17.4 (13.3-22.5) | 25.2 (19.1-32.5) | 36.8 (24.9-50.6) | - | | |
| QN11: Percentage of students who were ever in a physical fight | 21.5 (17.9-25.7) | 38.3 (30.9-46.3) | 43.4 (33.0-54.4) | - | | |
| QN12: Percentage of students who were ever bullied on school property | 50.7 (44.6-56.6) | 56.7 (49.9-63.3) | 67.4 (53.5-78.8) | - | | |

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

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

Female

Unintentional Injuries/Violence

| Health Risk Behavior | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|--|--|---------------------|---------------------|-------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI [†] | % 95% CI | % 95% CI | % 95% CI | |
| QN13: Percentage of students who were ever electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media) | 31.0 (26.4-36.0) | 36.3 (28.0-45.4) | 47.0 (34.5-60.0) | - | |
| QN14: Percentage of students who ever seriously thought about killing themselves | 22.8 (18.4-28.0) | 33.7 (26.5-41.6) | 45.0 (32.7-57.9) | - | |
| QN15: Percentage of students who ever made a plan about how they would kill themselves | 14.1 (11.6-17.1) | 19.7 (14.8-25.6) | 32.0 (21.4-44.9) | - | |
| QN16: Percentage of students who ever tried to kill themselves | 7.2 (5.1-9.9) | 16.2 (10.6-23.8) | 17.3 (10.1-28.0) | - | |

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

[†] Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| Female Tobacco Use | | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|--|---------------------|--|---------------------|-------------|--|-----------------------------|
| Health Risk Behavior | A's | B's | C's | D's/F's | | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | | |
| QN17: Percentage of students who ever tried cigarette smoking (even one or two puffs) | 10.8 (7.4-15.6) | 16.9 (12.4-22.5) | 35.5 (20.0-54.7) | - | | |
| QN18: Percentage of students who tried cigarette smoking for the first time before age 11 years (even one or two puffs) | 6.0 (3.8-9.3) | 6.5 (3.7-11.2) | 8.3 (3.9-16.6) | - | | |
| QN19: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey) | 1.6 (0.6-4.0) | 3.5 (1.5-7.8) | 14.2 (5.2-33.5) | - | | |
| QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey) | 0.1 (0.0-0.9) | 0.0 | 0.0 | - | | |
| QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey) | 0.1 (0.0-0.9) | 0.0 | 0.0 | - | | |
| QN20: Percentage of students who smoked more than 10 cigarettes per day (on the days they smoked during the 30 days before the survey, among students who currently smoked cigarettes) | - | - | - | - | | |
| QN21: Percentage of students who ever used an electronic vapor product | 23.7 (18.8-29.4) | 39.3 (32.4-46.7) | 45.7 (25.3-67.7) | - | | |

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

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| Female Tobacco Use | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|--|--|---------------------|---------------------|-------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | |
| Health Risk Behavior | | | | | |
| QN22: Percentage of students who currently used an electronic vapor product (on at least 1 day during the 30 days before the survey) | 13.0 (8.8-18.6) | 23.8 (17.0-32.2) | 32.0 (12.4-61.1) | - | |
| QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey) | 0.3 (0.0-2.0) | 1.8 (0.7-4.8) | 5.5 (1.8-15.9) | - | |
| QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey) | 0.3 (0.0-2.0) | 1.3 (0.4-4.3) | 1.4 (0.2-10.1) | - | |
| QN23: Percentage of students who usually got their own electronic vapor products by buying them in a store (such as a convenience store, supermarket, discount store, gas station, or vape store, during the 30 days before the survey, among students who currently used electronic vapor products) | 3.4 (0.7-14.9) | 7.8 (2.7-20.8) | - | - | |
| QN24: Percentage of students who currently used smokeless tobacco (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey) | 0.7 (0.2-3.3) | 2.0 (0.7-5.9) | 8.4 (3.2-20.2) | - | |
| QN25: Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey) | 1.1 (0.5-2.5) | 2.2 (0.9-5.2) | 11.3 (5.1-23.1) | - | |

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

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| Female Tobacco Use | | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|---|--------------------------|--|---------------------|-------------|--|-----------------------------|
| Health Risk Behavior | A's | B's | C's | D's/F's | | |
| | % 95% CI [†] | % 95% CI | % 95% CI | % 95% CI | | |
| QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey) | 2.5 (1.3-4.9) | 5.8 (3.2-10.2) | 17.4 (7.6-35.2) | - | | |
| QNTB3: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco (on at least 1 day during the 30 days before the survey) | 2.8 (1.3-5.7) | 6.6 (3.7-11.5) | 22.6 (9.1-46.2) | - | | |
| QNTB4: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco or electronic vapor products (on at least 1 day during the 30 days before the survey) | 14.0 (9.4-20.2) | 24.7 (17.8-33.1) | 33.1 (13.6-61.0) | - | | |
| QNTB5: Percentage of students who currently smoked cigarettes or used electronic vapor products (on at least 1 day during the 30 days before the survey) | 13.5 (9.0-19.7) | 23.9 (17.2-32.2) | 32.0 (12.4-61.1) | - | | |

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

[†] Confidence interval.

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2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| Female Alcohol/Other Drug Use | | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|--|---------------------|--|---------------------|-------------|--|-----------------------------|
| Health Risk Behavior | A's | B's | C's | D's/F's | | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | | |
| QN26: Percentage of students who ever drank alcohol (other than a few sips) | 17.3 (13.7-21.6) | 32.6 (24.8-41.4) | 37.1 (26.9-48.5) | - | | |
| QN27: Percentage of students who drank alcohol for the first time before age 11 years (other than a few sips) | 6.5 (4.0-10.6) | 11.5 (7.0-18.4) | 16.3 (8.4-29.2) | - | | |
| QN28: Percentage of students who ever used marijuana | 5.3 (3.5-8.0) | 14.3 (9.5-21.1) | 22.4 (11.8-38.3) | - | | |
| QN29: Percentage of students who tried marijuana for the first time before age 11 years | 1.4 (0.6-3.2) | 3.0 (1.2-7.2) | 5.4 (1.6-16.4) | - | | |
| QN30: Percentage of students who ever took prescription pain medicine without a doctor's prescription or differently than how a doctor told them to use it (counting drugs such as codeine, Vicodin, Oxycontin, hydrocodone, and Percocet) | 7.8 (6.3-9.5) | 14.6 (9.6-21.4) | 24.5 (15.3-36.8) | - | | |
| QN31: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase) | 1.7 (0.7-4.0) | 3.2 (1.5-6.7) | 11.9 (3.7-32.3) | - | | |
| QN32: Percentage of students who ever used inhalants (sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high) | 5.6 (3.1-10.0) | 11.5 (8.2-16.0) | 10.3 (4.7-21.1) | - | | |

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

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey
Risk Behaviors and Academic Achievement Report

| Female Alcohol/Other Drug Use | | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|--|--|--|------------------|-------------------|-------------|-----------------------------|
| | | A's | B's | C's | D's/F's | |
| Health Risk Behavior | | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | |
| QN33: Percentage of students who ever took steroids without a doctor's prescription (pills or shots) | | 0.6 (0.2-2.2) | 4.4 (2.3-8.3) | 5.6 (1.9-15.4) | - | |

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

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| Female Sexual Behaviors | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|--|--|-------------------|--------------------|-------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | |
| Health Risk Behavior | | | | | |
| QN34: Percentage of students who ever had sexual intercourse | 4.1 (1.8-9.2) | 7.5 (4.1-13.4) | 18.8 (8.8-35.6) | - | |
| QN35: Percentage of students who had sexual intercourse for the first time before age 11 years | 0.5 (0.1-2.1) | 1.5 (0.5-4.3) | 3.9 (1.0-13.5) | - | |
| QN36: Percentage of students who ever had sexual intercourse with three or more persons | 0.5 (0.1-2.0) | 1.8 (0.6-5.2) | 7.3 (2.5-19.2) | - | |
| QN37: Percentage of students who used a condom during last sexual intercourse (among students who ever had sexual intercourse) | - | - | - | - | |

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

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| Female Dietary Behaviors | | 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 | | |
| QN38: Percentage of students who described themselves as slightly or very overweight | 31.1 (26.9-35.8) | 30.2 (23.9-37.4) | 44.0 (30.9-58.0) | - | | |
| QN39: Percentage of students who were trying to lose weight | 55.2 (49.9-60.3) | 59.3 (51.5-66.7) | 62.4 (53.0-71.0) | - | | |
| QN40: Percentage of students who did not eat breakfast (during the 7 days before the survey) | 11.0 (7.6-15.6) | 13.6 (8.9-20.1) | 22.0 (10.4-40.5) | - | | |
| QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey) | 36.7 (29.1-45.1) | 31.5 (24.1-40.1) | 24.3 (14.9-36.9) | - | | |

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

[†] Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| Female Physical Activity | | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|---|---------------------|--|---------------------|-------------|--|-----------------------------|
| Health Risk Behavior | A's | B's | C's | D's/F's | | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | | |
| QN41: Percentage of students who were physically active at least 60 minutes per day on 5 or more days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey) | 41.1 (35.3-47.1) | 36.1 (29.3-43.5) | 34.7 (21.1-51.4) | - | | |
| QNPA0DAY: Percentage of students who did not participate in at least 60 minutes of physical activity on at least 1 day (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey) | 14.0 (10.0-19.2) | 14.7 (10.4-20.3) | 16.6 (7.9-31.7) | - | | |
| QNPA7DAY: Percentage of students who were physically active at least 60 minutes per day on all 7 days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey) | 18.3 (14.2-23.2) | 18.9 (13.4-25.9) | 14.2 (6.5-28.5) | - | | |
| QN42: Percentage of students who watched television 3 or more hours per day (on an average school day) | 28.3 (24.0-33.1) | 27.4 (20.4-35.8) | 38.9 (29.8-48.8) | - | | |
| QN43: Percentage of students who played video or computer games or used a computer 3 or more hours per day (counting time spent on things such as playing games, watching videos, texting, or using social media on their smartphone, computer, Xbox, PlayStation, iPad, or other tablet, for something that was not school work, on an average school day) | 45.1 (39.0-51.3) | 46.1 (39.8-52.6) | 53.5 (41.4-65.3) | - | | |
| QN44: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school) | 32.7 (25.7-40.5) | 38.8 (29.0-49.6) | 37.6 (24.6-52.6) | - | | |

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

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| Female Physical Activity | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|---|--|---------------------|---------------------|-------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI [†] | % 95% CI | % 95% CI | % 95% CI | |
| Health Risk Behavior | | | | | |
| QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school) | 24.7 (17.9-33.0) | 29.6 (20.4-40.8) | 24.9 (15.9-36.7) | - | |
| QN45: Percentage of students who played on at least one sports team (counting any teams run by their school or community groups, during the past 12 months before the survey) | 60.9 (54.9-66.6) | 53.3 (45.4-60.9) | 42.0 (32.1-52.5) | - | |
| QN46: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey) | 13.8 (10.8-17.6) | 17.0 (12.0-23.5) | 18.9 (10.3-32.0) | - | |
| QN48: Percentage of students who got 8 or more hours of sleep (on an average school night) | 46.2 (40.8-51.7) | 43.7 (35.9-51.8) | 34.4 (24.5-45.9) | - | |

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

[†] Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey
Risk Behaviors and Academic Achievement Report

| Female Other | Health Risk Behavior | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|-----------------|---|--|---------------------|---------------------|------------------------|-----------------------------|
| | | A's % 95% CI† | B's % 95% CI | C's % 95% CI | D's/F's % 95% CI | |
| | QN47: Percentage of students who had ever been told by a doctor or nurse that they had asthma | 16.5 (12.5-21.6) | 20.4 (15.9-25.7) | 19.2 (10.4-32.8) | - | |

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

† Confidence interval.

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2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| Female Site-Added | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|--|--|---------------------|---------------------|-------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | |
| Health Risk Behavior | | | | | |
| QN50: Percentage of students who did something to purposely hurt themselves without wanting to die (such as cutting or burning themselves on purpose one or more times during the 12 months before the survey) | 20.7 (16.6-25.5) | 31.0 (24.8-38.0) | 39.5 (28.3-51.9) | - | |
| QN51: Percentage of students who smoked cigarettes on school property (on at least 1 day during the 30 days before the survey) | 1.2 (0.6-2.4) | 2.9 (1.1-7.4) | 3.0 (0.6-13.1) | - | |
| QN52: Percentage of students who used an electronic vapor product on school property (on at least 1 day during the 30 days before the survey) | 4.4 (2.3-8.2) | 7.8 (4.4-13.6) | 17.8 (7.8-35.7) | - | |
| QN53: Percentage of students who had oral sex | 8.1 (5.7-11.5) | 11.4 (7.9-16.2) | 21.1 (15.0-28.9) | - | |
| QN54: Percentage of students who did not drink a bottle or glass of plain water (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey) | 4.0 (2.5-6.2) | 6.2 (3.9-9.8) | 6.3 (2.2-16.4) | - | |
| QN55: Percentage of students who reported that some of their classroom teachers provide short physical activity breaks during regular class time (not counting their physical education teacher) | 20.6 (16.4-25.5) | 23.2 (15.5-33.3) | 27.7 (15.6-44.3) | - | |

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

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

**Female
Site-Added**

| Health Risk Behavior | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|---|--|---------------------|---------------------|-------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | |
| QN56: Percentage of students who missed one or more days of school because of their asthma (during the 30 days before the survey, among students who have asthma) | 15.6 (9.5-24.4) | 12.8 (5.9-25.8) | - | - | |
| QN57: Percentage of students who reported their mental health was not good (including stress, depression, and problems with emotions, on at least 1 day during the 30 days before the survey) | 63.4 (58.2-68.3) | 63.5 (56.8-69.6) | 73.7 (59.1-84.5) | - | |
| QN58: Percentage of students who brushed their teeth on all 7 days (during the 7 days before the survey) | 79.5 (74.2-83.9) | 73.0 (66.8-78.5) | 80.3 (67.0-89.2) | - | |
| QN59: Percentage of students who flossed their teeth on all 7 days (during the 7 days before the survey) | 20.4 (16.4-24.9) | 20.8 (15.2-27.9) | 21.5 (14.3-31.2) | - | |
| QN60: Percentage of students who did not usually sleep in their parent's or guardian's home (during the 30 days before the survey) | 0.1 (0.0-1.1) | 1.5 (0.5-4.6) | 10.8 (4.5-24.0) | - | |
| QN61: Percentage of students who do not have an adult in their life that they trust and can talk to about serious problems | 12.3 (9.4-16.0) | 17.0 (12.3-23.0) | 27.0 (20.6-34.5) | - | |

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

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| Female Site-Added | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|--|--|---------------------|---------------------|-------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | |
| Health Risk Behavior | | | | | |
| QN62: Percentage of students who reported their parents or other adults in their family most of the time or always ask where they are going or with whom they will be | 84.4 (81.3-87.0) | 70.2 (64.2-75.6) | 62.6 (51.5-72.4) | - | |
| QN63: Percentage of students who reported there is at least one teacher or other adult in their school that they can talk to if they have a problem | 70.0 (64.7-74.8) | 67.0 (61.2-72.4) | 57.3 (41.8-71.5) | - | |
| QNWATER1: Percentage of students who drank a bottle or glass of plain water one or more times per day (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey) | 65.2 (61.0-69.1) | 58.2 (49.5-66.4) | 55.9 (44.9-66.4) | - | |
| QNWATER2: Percentage of students who drank a bottle or glass of plain water two or more times per day (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey) | 58.0 (53.7-62.2) | 52.5 (45.0-60.0) | 47.9 (35.7-60.3) | - | |
| QNWATER3: Percentage of students who drank a bottle or glass of plain water three or more times per day (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey) | 41.8 (37.6-46.2) | 38.4 (30.3-47.2) | 35.6 (25.2-47.6) | - | |

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

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| Black* Unintentional Injuries/Violence | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association [†] |
|--|--|---------------------|-------------|-------------|---|
| | A's | B's | C's | D's/F's | |
| | % 95% CI [§] | % 95% CI | % 95% CI | % 95% CI | |
| Health Risk Behavior | | | | | |
| QN13: Percentage of students who were ever electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media) | 18.3 (7.1-39.4) | 31.2 (19.8-45.4) | - | - | |
| QN14: Percentage of students who ever seriously thought about killing themselves | 15.2 (5.4-36.0) | 25.7 (13.5-43.4) | - | - | |
| QN15: Percentage of students who ever made a plan about how they would kill themselves | 15.2 (5.8-34.5) | 13.5 (5.5-29.4) | - | - | |
| QN16: Percentage of students who ever tried to kill themselves | 9.3 (3.3-23.6) | 8.1 (2.9-20.5) | - | - | |

*Non-Hispanic.

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

[§]Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| Black* Tobacco Use | Health Risk Behavior | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association [†] |
|-----------------------|---|--|---------------------|-------------|-------------|---|
| | | A's | B's | C's | D's/F's | |
| | | % 95% CI [§] | % 95% CI | % 95% CI | % 95% CI | |
| | QN17: Percentage of students who ever tried cigarette smoking (even one or two puffs) | 10.5 (3.7-26.2) | 10.8 (5.5-20.0) | - | - | |
| | QN18: Percentage of students who tried cigarette smoking for the first time before age 11 years (even one or two puffs) | 7.9 (2.5-22.2) | 6.9 (2.4-18.3) | - | - | |
| | QN19: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey) | 0.0 | 0.0 | - | - | |
| | QN21: Percentage of students who ever used an electronic vapor product | 15.5 (5.1-38.7) | 20.7 (10.4-36.9) | - | - | |
| | QN22: Percentage of students who currently used an electronic vapor product (on at least 1 day during the 30 days before the survey) | 8.9 (3.3-21.6) | 8.4 (2.9-22.2) | - | - | |
| | QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey) | 2.8 (0.3-19.3) | 0.0 | - | - | |
| | QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey) | 2.8 (0.3-19.3) | 0.0 | - | - | |

*Non-Hispanic.

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

[§]Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| Black* Tobacco Use 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 | |
| QN23: Percentage of students who usually got their own electronic vapor products by buying them in a store (such as a convenience store, supermarket, discount store, gas station, or vape store, during the 30 days before the survey, among students who currently used electronic vapor products) | - | - | - | - | |
| QN24: Percentage of students who currently used smokeless tobacco (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey) | 2.8 (0.3-19.3) | 0.0 | - | - | |
| QN25: Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey) | 2.7 (0.3-19.0) | 6.2 (2.1-17.3) | - | - | |
| QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey) | 2.8 (0.3-19.3) | 6.2 (2.1-17.3) | - | - | |
| QNTB3: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco (on at least 1 day during the 30 days before the survey) | 2.8 (0.3-19.3) | 6.4 (2.2-17.2) | - | - | |
| QNTB4: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco or electronic vapor products (on at least 1 day during the 30 days before the survey) | 8.9 (3.3-21.6) | 14.5 (6.4-29.7) | - | - | |

*Non-Hispanic.

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

[§]Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| Black* Tobacco Use | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association[†] |
|---|---|-------------------|-------------|-------------|---|
| | A's | B's | C's | D's/F's | |
| | % 95% CI [§] | % 95% CI | % 95% CI | % 95% CI | |
| Health Risk Behavior | | | | | |
| QNTB5: Percentage of students who currently smoked cigarettes or used electronic vapor products (on at least 1 day during the 30 days before the survey) | 8.9 (3.3-21.6) | 8.4 (2.9-22.2) | - | - | |

*Non-Hispanic.

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

[§]Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| Health Risk Behavior | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association [†] |
|--|--|---------------------|-------------|-------------|---|
| | A's | B's | C's | D's/F's | |
| | % 95% CI [§] | % 95% CI | % 95% CI | % 95% CI | |
| QN26: Percentage of students who ever drank alcohol (other than a few sips) | 18.4 (7.7-37.9) | 35.4 (23.4-49.4) | - | - | |
| QN27: Percentage of students who drank alcohol for the first time before age 11 years (other than a few sips) | 5.3 (1.2-20.0) | 8.9 (3.0-23.6) | - | - | |
| QN28: Percentage of students who ever used marijuana | 5.0 (1.1-19.8) | 15.3 (9.0-25.0) | - | - | |
| QN29: Percentage of students who tried marijuana for the first time before age 11 years | 0.0 | 2.0 (0.2-15.7) | - | - | |
| QN30: Percentage of students who ever took prescription pain medicine without a doctor's prescription or differently than how a doctor told them to use it (counting drugs such as codeine, Vicodin, Oxycontin, hydrocodone, and Percocet) | 6.9 (2.3-19.0) | 18.6 (5.8-45.7) | - | - | |
| QN31: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase) | 0.0 | 4.4 (1.2-15.5) | - | - | |
| QN32: Percentage of students who ever used inhalants (sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high) | 7.8 (2.0-26.3) | 6.2 (2.2-16.2) | - | - | |

*Non-Hispanic.

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

[§]Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey
Risk Behaviors and Academic Achievement Report

| Black* Alcohol/Other Drug Use | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association† |
|--|--|-------------|-------------|-------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI§ | % 95% CI | % 95% CI | % 95% CI | |
| Health Risk Behavior | | | | | |
| QN33: Percentage of students who ever took steroids without a doctor's prescription (pills or shots) | 1.9 (0.3-11.9) | 0.0 | - | - | |

*Non-Hispanic.

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

§Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey
Risk Behaviors and Academic Achievement Report

| Black* Sexual Behaviors | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association [†] |
|--|---|---------------------|-------------|-------------|--------------------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI [§] | % 95% CI | % 95% CI | % 95% CI | |
| Health Risk Behavior | | | | | |
| QN34: Percentage of students who ever had sexual intercourse | 12.2 (5.1-26.4) | 24.5 (11.7-44.1) | - | - | |
| QN35: Percentage of students who had sexual intercourse for the first time before age 11 years | 4.8 (1.0-19.9) | 5.1 (1.1-20.7) | - | - | |
| QN36: Percentage of students who ever had sexual intercourse with three or more persons | 0.0 | 2.5 (0.3-16.9) | - | - | |
| QN37: Percentage of students who used a condom during last sexual intercourse (among students who ever had sexual intercourse) | - | - | - | - | |

*Non-Hispanic.

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

[§]Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| Black* Dietary Behaviors | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association [†] |
|--|--|---------------------|-------------|-------------|---|
| | A's | B's | C's | D's/F's | |
| | % 95% CI [§] | % 95% CI | % 95% CI | % 95% CI | |
| Health Risk Behavior | | | | | |
| QN38: Percentage of students who described themselves as slightly or very overweight | 26.7 (11.7-50.0) | 27.8 (18.4-39.8) | - | - | |
| QN39: Percentage of students who were trying to lose weight | 43.1 (26.7-61.1) | 53.6 (40.8-65.9) | - | - | |
| QN40: Percentage of students who did not eat breakfast (during the 7 days before the survey) | 11.4 (5.3-22.8) | 7.3 (2.8-17.9) | - | - | |
| QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey) | 36.3 (24.1-50.4) | 26.7 (15.5-41.8) | - | - | |

*Non-Hispanic.

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

[§]Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| Black* Physical Activity Health Risk Behavior | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association[†] |
|---|---|---------------------|-------------|-------------|---|
| | A's | B's | C's | D's/F's | |
| | % 95% CI [§] | % 95% CI | % 95% CI | % 95% CI | |
| QN41: Percentage of students who were physically active at least 60 minutes per day on 5 or more days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey) | 34.1 (19.2-52.9) | 36.8 (28.4-46.1) | - | - | |
| QNPA0DAY: Percentage of students who did not participate in at least 60 minutes of physical activity on at least 1 day (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey) | 24.5 (11.9-43.8) | 22.2 (12.6-36.1) | - | - | |
| QNPA7DAY: Percentage of students who were physically active at least 60 minutes per day on all 7 days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey) | 16.7 (9.6-27.4) | 22.7 (15.0-32.8) | - | - | |
| QN42: Percentage of students who watched television 3 or more hours per day (on an average school day) | 37.4 (22.8-54.6) | 30.6 (16.1-50.4) | - | - | |
| QN43: Percentage of students who played video or computer games or used a computer 3 or more hours per day (counting time spent on things such as playing games, watching videos, texting, or using social media on their smartphone, computer, Xbox, PlayStation, iPad, or other tablet, for something that was not school work, on an average school day) | 63.1 (50.1-74.5) | 48.0 (28.1-68.5) | - | - | |
| QN44: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school) | 26.1 (14.6-42.3) | 37.1 (26.4-49.2) | - | - | |

*Non-Hispanic.

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

[§]Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| Black* Physical Activity Health Risk Behavior | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association[†] |
|---|--|---------------------|-------------|-------------|---|
| | A's | B's | C's | D's/F's | |
| | % 95% CI [§] | % 95% CI | % 95% CI | % 95% CI | |
| QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school) | 22.3 (12.3-37.0) | 24.9 (12.8-42.7) | - | - | |
| QN45: Percentage of students who played on at least one sports team (counting any teams run by their school or community groups, during the past 12 months before the survey) | 73.9 (51.4-88.4) | 69.6 (55.1-81.0) | - | - | |
| QN46: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey) | 20.4 (9.5-38.6) | 12.2 (6.3-22.4) | - | - | |
| QN48: Percentage of students who got 8 or more hours of sleep (on an average school night) | 33.1 (18.1-52.5) | 21.3 (14.2-30.7) | - | - | |

*Non-Hispanic.

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

[§]Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey
Risk Behaviors and Academic Achievement Report

| 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 | |
| Health Risk Behavior | | | | | |
| QN47: Percentage of students who had ever been told by a doctor or nurse that they had asthma | 25.1 (13.7-41.4) | 27.6 (16.6-42.2) | - | - | |

*Non-Hispanic.

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

§Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| Black* Site-Added | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association [†] |
|--|--|---------------------|-------------|-------------|---|
| | A's | B's | C's | D's/F's | |
| | % 95% CI [§] | % 95% CI | % 95% CI | % 95% CI | |
| Health Risk Behavior | | | | | |
| QN50: Percentage of students who did something to purposely hurt themselves without wanting to die (such as cutting or burning themselves on purpose one or more times during the 12 months before the survey) | 19.4 (6.9-43.6) | 16.6 (9.5-27.5) | - | - | |
| QN51: Percentage of students who smoked cigarettes on school property (on at least 1 day during the 30 days before the survey) | 0.0 | 0.0 | - | - | |
| QN52: Percentage of students who used an electronic vapor product on school property (on at least 1 day during the 30 days before the survey) | 6.5 (2.1-18.4) | 8.0 (3.1-19.5) | - | - | |
| QN53: Percentage of students who had oral sex | 19.6 (9.0-37.5) | 21.0 (9.1-41.5) | - | - | |
| QN54: Percentage of students who did not drink a bottle or glass of plain water (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey) | 7.6 (1.9-25.9) | 8.4 (2.8-22.6) | - | - | |
| QN55: Percentage of students who reported that some of their classroom teachers provide short physical activity breaks during regular class time (not counting their physical education teacher) | 15.0 (7.0-29.3) | 22.9 (11.5-40.5) | - | - | |

*Non-Hispanic.

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

[§]Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| Black* Site-Added | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association [†] |
|---|--|---------------------|-------------|-------------|---|
| | A's | B's | C's | D's/F's | |
| | % 95% CI [§] | % 95% CI | % 95% CI | % 95% CI | |
| Health Risk Behavior | | | | | |
| QN56: Percentage of students who missed one or more days of school because of their asthma (during the 30 days before the survey, among students who have asthma) | - | - | - | - | |
| QN57: Percentage of students who reported their mental health was not good (including stress, depression, and problems with emotions, on at least 1 day during the 30 days before the survey) | 38.3 (23.8-55.2) | 54.5 (41.5-67.0) | - | - | |
| QN58: Percentage of students who brushed their teeth on all 7 days (during the 7 days before the survey) | 60.7 (41.9-76.8) | 77.7 (62.6-87.8) | - | - | |
| QN59: Percentage of students who flossed their teeth on all 7 days (during the 7 days before the survey) | 18.0 (11.7-26.6) | 12.8 (4.5-31.7) | - | - | |
| QN60: Percentage of students who did not usually sleep in their parent's or guardian's home (during the 30 days before the survey) | 0.0 | 4.5 (0.7-23.1) | - | - | |
| QN61: Percentage of students who do not have an adult in their life that they trust and can talk to about serious problems | 14.6 (9.6-21.6) | 13.0 (7.4-21.9) | - | - | |

*Non-Hispanic.

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

[§]Confidence interval.

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2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| Black* Site-Added | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association [†] |
|--|--|---------------------|-------------|-------------|---|
| | A's | B's | C's | D's/F's | |
| | % 95% CI [§] | % 95% CI | % 95% CI | % 95% CI | |
| Health Risk Behavior | | | | | |
| QN62: Percentage of students who reported their parents or other adults in their family most of the time or always ask where they are going or with whom they will be | 78.1 (58.3-90.1) | 73.5 (61.9-82.6) | - | - | |
| QN63: Percentage of students who reported there is at least one teacher or other adult in their school that they can talk to if they have a problem | 60.1 (50.4-69.0) | 61.8 (49.3-72.9) | - | - | |
| QNWATER1: Percentage of students who drank a bottle or glass of plain water one or more times per day (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey) | 60.0 (40.4-76.9) | 58.3 (42.7-72.5) | - | - | |
| QNWATER2: Percentage of students who drank a bottle or glass of plain water two or more times per day (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey) | 56.0 (37.1-73.4) | 52.2 (37.2-66.8) | - | - | |
| QNWATER3: Percentage of students who drank a bottle or glass of plain water three or more times per day (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey) | 36.8 (20.8-56.3) | 42.1 (28.8-56.7) | - | - | |

*Non-Hispanic.

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

[§]Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

Hispanic/Latino

Unintentional Injuries/Violence

| Health Risk Behavior | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|---|--|---------------------|-------------|-------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | |
| QN6: Percentage of students who rarely or never wore a bicycle helmet (among students who had ridden a bicycle) | - | 76.9 (54.9-90.1) | - | - | |
| QN7: Percentage of students who rarely or never wore a helmet when rollerblading or skateboarding (among students who used rollerblades or rode a skateboard) | - | - | - | - | |
| QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car) | 6.4 (2.2-17.5) | 7.5 (2.9-18.3) | - | - | |
| QN9: Percentage of students who ever rode with a driver who had been drinking alcohol (in a car) | 19.2 (9.4-35.3) | 9.5 (2.8-27.5) | - | - | |
| QN10: Percentage of students who ever carried a weapon (such as a gun, knife, or club) | 38.1 (25.0-53.1) | 23.3 (12.5-39.1) | - | - | |
| QN11: Percentage of students who were ever in a physical fight | 57.3 (40.5-72.6) | 51.3 (36.6-65.9) | - | - | |
| QN12: Percentage of students who were ever bullied on school property | 46.2 (34.8-57.9) | 37.3 (26.8-49.2) | - | - | |

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

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

Hispanic/Latino

Unintentional Injuries/Violence

| Health Risk Behavior | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|--|--|---------------------|-------------|-------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | |
| QN13: Percentage of students who were ever electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media) | 28.9 (15.6-47.1) | 17.4 (8.9-31.1) | - | - | |
| QN14: Percentage of students who ever seriously thought about killing themselves | 24.2 (14.1-38.3) | 24.6 (14.7-38.2) | - | - | |
| QN15: Percentage of students who ever made a plan about how they would kill themselves | 20.7 (11.2-35.1) | 14.2 (6.3-28.9) | - | - | |
| QN16: Percentage of students who ever tried to kill themselves | 9.0 (3.3-22.1) | 7.4 (2.7-18.9) | - | - | |

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

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

**Hispanic/Latino
Tobacco Use**

| Health Risk Behavior | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|--|--|---------------------|-------------|-------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | |
| QN17: Percentage of students who ever tried cigarette smoking (even one or two puffs) | 21.0 (10.7-37.2) | 16.6 (8.9-29.0) | - | - | |
| QN18: Percentage of students who tried cigarette smoking for the first time before age 11 years (even one or two puffs) | 10.7 (4.3-24.1) | 8.8 (3.0-23.0) | - | - | |
| QN19: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey) | 4.1 (1.0-15.4) | 2.1 (0.2-15.5) | - | - | |
| QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey) | 2.1 (0.3-13.8) | 0.0 | - | - | |
| QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey) | 2.1 (0.3-13.8) | 0.0 | - | - | |
| QN20: Percentage of students who smoked more than 10 cigarettes per day (on the days they smoked during the 30 days before the survey, among students who currently smoked cigarettes) | - | - | - | - | |
| QN21: Percentage of students who ever used an electronic vapor product | 31.2 (19.7-45.6) | 35.2 (21.7-51.6) | - | - | |

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

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

Hispanic/Latino Tobacco Use

| Health Risk Behavior | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|--|--|---------------------|-------------|-------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | |
| QN22: Percentage of students who currently used an electronic vapor product (on at least 1 day during the 30 days before the survey) | 22.6 (13.5-35.4) | 20.7 (11.4-34.8) | - | - | |
| QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey) | 1.9 (0.3-12.5) | 1.8 (0.2-13.6) | - | - | |
| QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey) | 0.0 | 1.8 (0.2-13.6) | - | - | |
| QN23: Percentage of students who usually got their own electronic vapor products by buying them in a store (such as a convenience store, supermarket, discount store, gas station, or vape store, during the 30 days before the survey, among students who currently used electronic vapor products) | - | - | - | - | |
| QN24: Percentage of students who currently used smokeless tobacco (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey) | 6.5 (2.0-18.8) | 2.1 (0.2-15.6) | - | - | |
| QN25: Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey) | 2.0 (0.3-13.3) | 2.0 (0.2-15.0) | - | - | |

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

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

**Hispanic/Latino
Tobacco Use**

| Health Risk Behavior | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|---|--|---------------------|-------------|-------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | |
| QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey) | 4.1 (1.0-15.4) | 2.1 (0.2-15.5) | - | - | |
| QNTB3: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco (on at least 1 day during the 30 days before the survey) | 8.8 (3.4-20.6) | 2.1 (0.2-16.2) | - | - | |
| QNTB4: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco or electronic vapor products (on at least 1 day during the 30 days before the survey) | 28.3 (17.2-42.9) | 20.7 (11.4-34.8) | - | - | |
| QNTB5: Percentage of students who currently smoked cigarettes or used electronic vapor products (on at least 1 day during the 30 days before the survey) | 25.8 (15.8-39.0) | 20.7 (11.4-34.8) | - | - | |

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

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

Hispanic/Latino Alcohol/Other Drug Use

| Health Risk Behavior | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|--|--|---------------------|-------------|-------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | |
| QN26: Percentage of students who ever drank alcohol (other than a few sips) | 22.3 (12.7-36.2) | 24.4 (13.7-39.6) | - | - | |
| QN27: Percentage of students who drank alcohol for the first time before age 11 years (other than a few sips) | 14.2 (7.0-26.9) | 8.7 (2.9-23.1) | - | - | |
| QN28: Percentage of students who ever used marijuana | 8.4 (3.0-21.8) | 21.3 (9.9-40.1) | - | - | |
| QN29: Percentage of students who tried marijuana for the first time before age 11 years | 2.5 (0.3-17.6) | 1.9 (0.2-13.1) | - | - | |
| QN30: Percentage of students who ever took prescription pain medicine without a doctor's prescription or differently than how a doctor told them to use it (counting drugs such as codeine, Vicodin, Oxycontin, hydrocodone, and Percocet) | 6.7 (2.1-19.1) | 12.8 (5.3-27.6) | - | - | |
| QN31: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase) | 3.8 (0.9-15.1) | 2.2 (0.2-17.0) | - | - | |
| QN32: Percentage of students who ever used inhalants (sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high) | 8.3 (3.0-21.2) | 13.0 (6.3-24.9) | - | - | |

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

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey
Risk Behaviors and Academic Achievement Report

Hispanic/Latino
Alcohol/Other Drug Use

| Health Risk Behavior | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|--|---|-------------------|-------------|-------------|--------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | |
| QN33: Percentage of students who ever took steroids without a doctor's prescription (pills or shots) | 0.0 | 6.0 (1.3-23.4) | - | - | |

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

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey
Risk Behaviors and Academic Achievement Report

Hispanic/Latino
Sexual Behaviors

| Health Risk Behavior | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|--|---|--------------------|-------------|-------------|--------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | |
| QN34: Percentage of students who ever had sexual intercourse | 10.2 (3.9-24.1) | 12.2 (5.2-26.2) | - | - | |
| QN35: Percentage of students who had sexual intercourse for the first time before age 11 years | 5.4 (1.3-20.0) | 1.9 (0.2-14.2) | - | - | |
| QN36: Percentage of students who ever had sexual intercourse with three or more persons | 0.0 | 2.4 (0.3-18.0) | - | - | |
| QN37: Percentage of students who used a condom during last sexual intercourse (among students who ever had sexual intercourse) | - | - | - | - | |

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

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

Hispanic/Latino Dietary Behaviors

| Health Risk Behavior | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|--|--|---------------------|-------------|-------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI [†] | % 95% CI | % 95% CI | % 95% CI | |
| QN38: Percentage of students who described themselves as slightly or very overweight | 28.8 (16.5-45.2) | 39.2 (27.0-52.9) | - | - | |
| QN39: Percentage of students who were trying to lose weight | 52.9 (38.8-66.6) | 61.4 (48.9-72.5) | - | - | |
| QN40: Percentage of students who did not eat breakfast (during the 7 days before the survey) | 12.7 (5.9-25.5) | 14.0 (6.4-28.0) | - | - | |
| QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey) | 36.9 (22.9-53.6) | 43.7 (28.6-60.1) | - | - | |

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

[†] Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

Hispanic/Latino Physical Activity

| Health Risk Behavior | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|---|--|---------------------|-------------|-------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | |
| QN41: Percentage of students who were physically active at least 60 minutes per day on 5 or more days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey) | 53.5 (36.0-70.2) | 38.9 (26.0-53.5) | - | - | |
| QNPA0DAY: Percentage of students who did not participate in at least 60 minutes of physical activity on at least 1 day (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey) | 11.1 (4.8-23.7) | 10.6 (4.3-24.0) | - | - | |
| QNPA7DAY: Percentage of students who were physically active at least 60 minutes per day on all 7 days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey) | 34.8 (21.4-51.1) | 25.7 (13.1-44.3) | - | - | |
| QN42: Percentage of students who watched television 3 or more hours per day (on an average school day) | 15.9 (7.2-31.5) | 31.5 (19.2-47.0) | - | - | |
| QN43: Percentage of students who played video or computer games or used a computer 3 or more hours per day (counting time spent on things such as playing games, watching videos, texting, or using social media on their smartphone, computer, Xbox, PlayStation, iPad, or other tablet, for something that was not school work, on an average school day) | 51.3 (34.4-68.0) | 46.8 (32.4-61.7) | - | - | |
| QN44: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school) | 37.7 (24.7-52.7) | 31.7 (19.5-47.1) | - | - | |

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

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

**Hispanic/Latino
Physical Activity**

| Health Risk Behavior | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|---|--|---------------------|-------------|-------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | |
| QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school) | 18.5 (10.3-30.8) | 26.5 (17.4-38.2) | - | - | |
| QN45: Percentage of students who played on at least one sports team (counting any teams run by their school or community groups, during the past 12 months before the survey) | 42.0 (29.2-55.8) | 44.9 (33.6-56.7) | - | - | |
| QN46: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey) | 34.7 (21.0-51.4) | 16.9 (7.2-34.7) | - | - | |
| QN48: Percentage of students who got 8 or more hours of sleep (on an average school night) | 56.1 (37.9-72.7) | 37.0 (26.3-49.1) | - | - | |

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

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey
Risk Behaviors and Academic Achievement Report

Hispanic/Latino
Other

| Health Risk Behavior | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|---|---|---------------------|-------------|-------------|--------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | |
| QN47: Percentage of students who had ever been told by a doctor or nurse that they had asthma | 23.3 (11.8-40.8) | 23.8 (13.2-39.1) | - | - | |

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

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

**Hispanic/Latino
Site-Added**

| Health Risk Behavior | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|--|--|---------------------|-------------|-------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | |
| QN50: Percentage of students who did something to purposely hurt themselves without wanting to die (such as cutting or burning themselves on purpose one or more times during the 12 months before the survey) | 25.7 (15.2-40.1) | 26.7 (18.5-36.9) | - | - | |
| QN51: Percentage of students who smoked cigarettes on school property (on at least 1 day during the 30 days before the survey) | 0.0 | 3.9 (1.0-13.8) | - | - | |
| QN52: Percentage of students who used an electronic vapor product on school property (on at least 1 day during the 30 days before the survey) | 15.6 (7.3-30.2) | 7.1 (2.3-19.9) | - | - | |
| QN53: Percentage of students who had oral sex | 12.9 (6.3-24.5) | 17.2 (7.3-35.4) | - | - | |
| QN54: Percentage of students who did not drink a bottle or glass of plain water (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey) | 3.0 (0.4-19.5) | 12.9 (6.4-24.2) | - | - | |
| QN55: Percentage of students who reported that some of their classroom teachers provide short physical activity breaks during regular class time (not counting their physical education teacher) | 21.2 (12.0-34.7) | 24.3 (12.6-41.6) | - | - | |

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

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

**Hispanic/Latino
Site-Added**

| Health Risk Behavior | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|---|--|---------------------|-------------|-------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | |
| QN56: Percentage of students who missed one or more days of school because of their asthma (during the 30 days before the survey, among students who have asthma) | - | - | - | - | |
| QN57: Percentage of students who reported their mental health was not good (including stress, depression, and problems with emotions, on at least 1 day during the 30 days before the survey) | 54.3 (38.5-69.3) | 53.6 (41.5-65.2) | - | - | |
| QN58: Percentage of students who brushed their teeth on all 7 days (during the 7 days before the survey) | 79.7 (63.1-90.0) | 72.0 (55.7-84.0) | - | - | |
| QN59: Percentage of students who flossed their teeth on all 7 days (during the 7 days before the survey) | 33.8 (18.3-53.6) | 17.8 (9.9-29.8) | - | - | |
| QN60: Percentage of students who did not usually sleep in their parent's or guardian's home (during the 30 days before the survey) | 5.8 (1.7-17.8) | 0.0 | - | - | |
| QN61: Percentage of students who do not have an adult in their life that they trust and can talk to about serious problems | 11.2 (4.9-23.5) | 11.1 (4.3-25.8) | - | - | |

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

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

**Hispanic/Latino
Site-Added**

| Health Risk Behavior | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association* |
|--|--|---------------------|-------------|-------------|-----------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI† | % 95% CI | % 95% CI | % 95% CI | |
| QN62: Percentage of students who reported their parents or other adults in their family most of the time or always ask where they are going or with whom they will be | 79.5 (63.8-89.5) | 66.7 (55.4-76.4) | - | - | |
| QN63: Percentage of students who reported there is at least one teacher or other adult in their school that they can talk to if they have a problem | 59.3 (41.6-74.9) | 69.3 (51.5-82.7) | - | - | |
| QNWATER1: Percentage of students who drank a bottle or glass of plain water one or more times per day (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey) | 68.7 (54.2-80.3) | 58.6 (41.4-74.0) | - | - | |
| QNWATER2: Percentage of students who drank a bottle or glass of plain water two or more times per day (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey) | 59.7 (47.3-70.9) | 55.7 (39.0-71.1) | - | - | |
| QNWATER3: Percentage of students who drank a bottle or glass of plain water three or more times per day (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey) | 48.7 (37.5-60.1) | 39.9 (22.1-60.9) | - | - | |

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

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| White* | | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association [†] |
|---|--|--|---------------------|---------------------|---------------------|---|
| Unintentional Injuries/Violence | | A's | B's | C's | D's/F's | |
| Health Risk Behavior | | % 95% CI [§] | % 95% CI | % 95% CI | % 95% CI | |
| QN6: Percentage of students who rarely or never wore a bicycle helmet (among students who had ridden a bicycle) | | 75.3 (69.8-80.0) | 81.4 (74.8-86.5) | 88.0 (79.7-93.2) | - | |
| QN7: Percentage of students who rarely or never wore a helmet when rollerblading or skateboarding (among students who used rollerblades or rode a skateboard) | | 80.8 (74.0-86.2) | 85.2 (78.6-90.1) | 81.3 (65.6-90.9) | - | |
| QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car) | | 3.8 (2.2-6.5) | 3.9 (2.2-6.7) | 7.8 (3.3-17.4) | 9.8 (3.8-23.2) | No |
| QN9: Percentage of students who ever rode with a driver who had been drinking alcohol (in a car) | | 16.2 (13.9-18.7) | 17.5 (13.7-22.0) | 17.7 (11.5-26.2) | 7.7 (2.1-24.9) | No |
| QN10: Percentage of students who ever carried a weapon (such as a gun, knife, or club) | | 30.2 (26.2-34.6) | 38.5 (32.7-44.7) | 43.4 (34.6-52.5) | 58.3 (35.4-78.1) | No |
| QN11: Percentage of students who were ever in a physical fight | | 30.8 (26.4-35.5) | 44.8 (38.7-51.1) | 51.9 (43.3-60.5) | 75.0 (58.4-86.5) | Yes |
| QN12: Percentage of students who were ever bullied on school property | | 44.5 (38.9-50.2) | 48.1 (41.9-54.3) | 48.3 (39.7-57.1) | 28.4 (18.1-41.6) | Yes |

*Non-Hispanic.

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

[§]Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| White* | | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association [†] |
|--|--|--|---------------------|---------------------|---------------------|---|
| Unintentional Injuries/Violence | | A's | B's | C's | D's/F's | |
| Health Risk Behavior | | % 95% CI [§] | % 95% CI | % 95% CI | % 95% CI | |
| QN13: Percentage of students who were ever electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media) | | 25.6 (22.2-29.5) | 28.8 (23.4-34.8) | 28.5 (21.3-37.0) | 22.1 (11.5-38.2) | No |
| QN14: Percentage of students who ever seriously thought about killing themselves | | 17.9 (15.2-21.0) | 25.4 (19.1-32.9) | 24.6 (17.5-33.4) | 25.8 (12.0-47.0) | Yes |
| QN15: Percentage of students who ever made a plan about how they would kill themselves | | 10.9 (9.1-13.1) | 14.3 (11.2-18.2) | 17.6 (11.2-26.6) | 9.3 (3.0-25.4) | No |
| QN16: Percentage of students who ever tried to kill themselves | | 5.9 (4.1-8.5) | 10.9 (6.8-16.9) | 10.1 (5.8-16.8) | 4.7 (1.2-17.0) | No |

*Non-Hispanic.

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

[§]Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| White* Tobacco Use | Health Risk Behavior | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association [†] |
|-----------------------|--|--|---------------------|---------------------|---------------------|---|
| | | A's | B's | C's | D's/F's | |
| | | % 95% CI [§] | % 95% CI | % 95% CI | % 95% CI | |
| | QN17: Percentage of students who ever tried cigarette smoking (even one or two puffs) | 10.1 (7.1-14.2) | 17.0 (12.8-22.2) | 27.9 (19.4-38.2) | 35.3 (18.4-56.7) | Yes |
| | QN18: Percentage of students who tried cigarette smoking for the first time before age 11 years (even one or two puffs) | 5.6 (3.3-9.4) | 6.3 (4.0-9.7) | 12.9 (7.2-21.9) | 13.7 (5.7-29.2) | No |
| | QN19: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey) | 1.2 (0.5-2.9) | 5.6 (3.6-8.7) | 7.6 (2.9-18.7) | 24.1 (14.3-37.8) | Yes |
| | QNFRSIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey) | 0.2 (0.0-1.2) | 1.2 (0.4-3.3) | 0.0 | 7.5 (2.1-23.7) | Yes |
| | QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey) | 0.0 | 1.2 (0.4-3.3) | 0.0 | 7.5 (2.1-23.7) | Yes |
| | QN20: Percentage of students who smoked more than 10 cigarettes per day (on the days they smoked during the 30 days before the survey, among students who currently smoked cigarettes) | - | - | - | - | |
| | QN21: Percentage of students who ever used an electronic vapor product | 24.4 (20.0-29.5) | 36.2 (30.1-42.9) | 47.1 (34.0-60.7) | 49.7 (30.0-69.5) | Yes |

*Non-Hispanic.

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

[§]Confidence interval.

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2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| White* Tobacco Use | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association [†] |
|--|--|---------------------|---------------------|---------------------|---|
| | A's | B's | C's | D's/F's | |
| | % 95% CI [§] | % 95% CI | % 95% CI | % 95% CI | |
| Health Risk Behavior | | | | | |
| QN22: Percentage of students who currently used an electronic vapor product (on at least 1 day during the 30 days before the survey) | 12.3 (9.1-16.5) | 21.3 (16.1-27.5) | 27.8 (16.4-43.2) | 31.1 (18.6-47.3) | Yes |
| QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey) | 0.4 (0.1-1.9) | 2.2 (1.0-4.8) | 4.2 (1.7-10.3) | 8.5 (2.1-28.8) | Yes |
| QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey) | 0.4 (0.1-1.9) | 1.9 (0.8-4.3) | 0.7 (0.1-5.1) | 2.3 (0.2-18.6) | No |
| QN23: Percentage of students who usually got their own electronic vapor products by buying them in a store (such as a convenience store, supermarket, discount store, gas station, or vape store, during the 30 days before the survey, among students who currently used electronic vapor products) | 1.8 (0.2-13.3) | 6.9 (2.3-19.0) | - | - | |
| QN24: Percentage of students who currently used smokeless tobacco (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey) | 2.1 (1.2-3.6) | 3.5 (1.9-6.4) | 7.5 (3.2-16.9) | 11.6 (4.3-27.6) | No |
| QN25: Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey) | 1.4 (0.8-2.5) | 3.3 (1.9-5.7) | 7.4 (3.5-15.0) | 13.6 (5.8-28.7) | Yes |

*Non-Hispanic.

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

[§]Confidence interval.

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2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| White* Tobacco Use | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association [†] |
|---|--|---------------------|---------------------|---------------------|---|
| | A's | B's | C's | D's/F's | |
| | % 95% CI [§] | % 95% CI | % 95% CI | % 95% CI | |
| Health Risk Behavior | | | | | |
| QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey) | 2.3 (1.3-4.0) | 7.5 (5.0-11.0) | 10.1 (4.7-20.7) | 24.6 (14.6-38.5) | Yes |
| QNTB3: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco (on at least 1 day during the 30 days before the survey) | 3.7 (2.3-5.8) | 8.1 (5.6-11.6) | 14.5 (6.6-28.8) | 28.6 (18.2-42.0) | Yes |
| QNTB4: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco or electronic vapor products (on at least 1 day during the 30 days before the survey) | 14.0 (10.3-18.8) | 22.4 (17.5-28.4) | 31.0 (19.4-45.6) | 37.9 (25.9-51.5) | Yes |
| QNTB5: Percentage of students who currently smoked cigarettes or used electronic vapor products (on at least 1 day during the 30 days before the survey) | 12.9 (9.4-17.3) | 21.7 (16.8-27.4) | 28.7 (17.5-43.5) | 33.6 (21.4-48.5) | Yes |

*Non-Hispanic.

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

[§]Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| White* Alcohol/Other Drug Use | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association [†] |
|--|--|---------------------|---------------------|---------------------|---|
| | A's | B's | C's | D's/F's | |
| | % 95% CI [§] | % 95% CI | % 95% CI | % 95% CI | |
| Health Risk Behavior | | | | | |
| QN26: Percentage of students who ever drank alcohol (other than a few sips) | 16.7 (13.9-19.9) | 25.0 (19.5-31.4) | 26.9 (19.8-35.5) | 41.1 (24.2-60.5) | Yes |
| QN27: Percentage of students who drank alcohol for the first time before age 11 years (other than a few sips) | 8.0 (6.0-10.5) | 12.0 (8.9-15.9) | 11.9 (6.5-20.8) | - | |
| QN28: Percentage of students who ever used marijuana | 4.8 (3.2-7.2) | 8.2 (5.7-11.6) | 14.9 (8.2-25.8) | 24.1 (14.7-36.7) | Yes |
| QN29: Percentage of students who tried marijuana for the first time before age 11 years | 1.3 (0.7-2.4) | 2.0 (0.9-4.3) | 3.8 (1.3-10.8) | 7.6 (2.1-24.2) | No |
| QN30: Percentage of students who ever took prescription pain medicine without a doctor's prescription or differently than how a doctor told them to use it (counting drugs such as codeine, Vicodin, Oxycontin, hydrocodone, and Percocet) | 6.1 (4.4-8.4) | 10.1 (7.5-13.4) | 12.4 (7.6-19.7) | 15.1 (6.3-32.2) | Yes |
| QN31: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase) | 0.9 (0.4-2.4) | 1.8 (0.8-3.6) | 5.9 (1.8-18.0) | 5.6 (1.2-21.8) | Yes |
| QN32: Percentage of students who ever used inhalants (sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high) | 6.3 (3.9-10.2) | 9.3 (6.7-12.8) | 5.6 (2.6-12.0) | 7.6 (2.2-23.2) | No |

*Non-Hispanic.

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

[§]Confidence interval.

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2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey
Risk Behaviors and Academic Achievement Report

| Alcohol/Other Drug Use | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association [†] |
|--|---|------------------|-------------------|-------------|--------------------------------------|
| | A's | B's | C's | D's/F's | |
| | % 95% CI [§] | % 95% CI | % 95% CI | % 95% CI | |
| Health Risk Behavior | | | | | |
| QN33: Percentage of students who ever took steroids without a doctor's prescription (pills or shots) | 0.8 (0.3-2.3) | 3.1 (1.4-6.3) | 4.0 (1.5-10.1) | 0.0 | Yes |

*Non-Hispanic.

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

[§]Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| White* Sexual Behaviors | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association [†] |
|--|--|-------------------|--------------------|--------------------|---|
| | A's | B's | C's | D's/F's | |
| | % 95% CI [§] | % 95% CI | % 95% CI | % 95% CI | |
| Health Risk Behavior | | | | | |
| QN34: Percentage of students who ever had sexual intercourse | 2.6 (1.4-4.9) | 8.8 (6.1-12.4) | 12.5 (6.6-22.5) | 12.0 (3.6-33.1) | Yes |
| QN35: Percentage of students who had sexual intercourse for the first time before age 11 years | 0.4 (0.1-1.5) | 1.6 (0.6-4.1) | 2.2 (0.5-9.3) | 3.3 (0.4-23.6) | No |
| QN36: Percentage of students who ever had sexual intercourse with three or more persons | 0.5 (0.2-1.7) | 2.3 (0.9-5.5) | 4.9 (1.9-12.2) | 5.8 (1.1-25.5) | Yes |
| QN37: Percentage of students who used a condom during last sexual intercourse (among students who ever had sexual intercourse) | - | - | - | - | |

*Non-Hispanic.

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

[§]Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| White* Dietary Behaviors | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association [†] |
|--|--|---------------------|---------------------|---------------------|---|
| | A's | B's | C's | D's/F's | |
| | % 95% CI [§] | % 95% CI | % 95% CI | % 95% CI | |
| Health Risk Behavior | | | | | |
| QN38: Percentage of students who described themselves as slightly or very overweight | 31.3 (26.9-36.1) | 30.6 (25.8-35.8) | 39.8 (30.4-50.0) | 38.1 (22.6-56.5) | No |
| QN39: Percentage of students who were trying to lose weight | 48.4 (43.7-53.1) | 50.3 (44.7-55.9) | 53.6 (46.6-60.4) | 53.1 (35.2-70.2) | No |
| QN40: Percentage of students who did not eat breakfast (during the 7 days before the survey) | 10.9 (7.9-14.9) | 11.4 (8.4-15.3) | 18.0 (11.5-27.2) | 24.8 (12.3-43.7) | No |
| QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey) | 42.5 (36.7-48.4) | 40.9 (35.3-46.7) | 36.8 (28.2-46.3) | 32.5 (16.9-53.4) | No |

*Non-Hispanic.

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

[§]Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| White* Physical Activity | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association [†] |
|---|--|---------------------|---------------------|---------------------|---|
| | A's | B's | C's | D's/F's | |
| | % 95% CI [§] | % 95% CI | % 95% CI | % 95% CI | |
| Health Risk Behavior | | | | | |
| QN41: Percentage of students who were physically active at least 60 minutes per day on 5 or more days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey) | 46.6 (42.3-50.9) | 44.2 (38.5-50.1) | 38.3 (26.6-51.6) | 29.2 (17.5-44.4) | No |
| QNPA0DAY: Percentage of students who did not participate in at least 60 minutes of physical activity on at least 1 day (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey) | 11.6 (8.3-16.0) | 13.5 (10.5-17.1) | 13.3 (7.9-21.7) | 26.0 (14.4-42.3) | No |
| QNPA7DAY: Percentage of students who were physically active at least 60 minutes per day on all 7 days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey) | 22.8 (18.9-27.2) | 23.0 (18.2-28.7) | 17.7 (9.7-30.3) | 21.7 (10.8-38.7) | No |
| QN42: Percentage of students who watched television 3 or more hours per day (on an average school day) | 23.3 (19.4-27.7) | 25.9 (20.8-31.8) | 28.8 (22.6-35.8) | 36.3 (20.1-56.3) | No |
| QN43: Percentage of students who played video or computer games or used a computer 3 or more hours per day (counting time spent on things such as playing games, watching videos, texting, or using social media on their smartphone, computer, Xbox, PlayStation, iPad, or other tablet, for something that was not school work, on an average school day) | 48.2 (42.1-54.4) | 51.2 (44.9-57.3) | 57.5 (45.9-68.4) | 61.7 (45.4-75.7) | No |
| QN44: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school) | 35.5 (29.2-42.5) | 42.8 (33.2-53.0) | 51.3 (41.6-60.9) | 28.6 (15.9-45.8) | No |

*Non-Hispanic.

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

[§]Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| White* Physical Activity | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association [†] |
|---|--|---------------------|---------------------|---------------------|---|
| | A's | B's | C's | D's/F's | |
| | % 95% CI [§] | % 95% CI | % 95% CI | % 95% CI | |
| Health Risk Behavior | | | | | |
| QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school) | 26.4 (19.8-34.3) | 31.5 (23.3-41.0) | 35.1 (26.8-44.5) | 22.0 (10.4-40.7) | No |
| QN45: Percentage of students who played on at least one sports team (counting any teams run by their school or community groups, during the past 12 months before the survey) | 60.9 (53.8-67.6) | 53.7 (47.2-60.2) | 44.5 (36.3-53.0) | 27.4 (11.8-51.5) | Yes |
| QN46: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey) | 13.8 (11.8-16.1) | 19.0 (14.4-24.7) | 22.6 (16.6-29.9) | 35.4 (20.1-54.5) | Yes |
| QN48: Percentage of students who got 8 or more hours of sleep (on an average school night) | 48.8 (44.6-53.1) | 45.7 (39.1-52.6) | 39.8 (32.1-48.0) | 28.8 (12.4-53.7) | No |

*Non-Hispanic.

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

[§]Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey
Risk Behaviors and Academic Achievement Report

| White* Other | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association [†] |
|---|--|---------------------|---------------------|---------------------|---|
| | A's | B's | C's | D's/F's | |
| Health Risk Behavior | % 95% CI [§] | % 95% CI | % 95% CI | % 95% CI | |
| QN47: Percentage of students who had ever been told by a doctor or nurse that they had asthma | 17.2 (13.5-21.6) | 20.9 (17.0-25.4) | 20.6 (12.9-31.1) | 21.0 (12.2-33.9) | No |

*Non-Hispanic.

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

[§]Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| White* Site-Added | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association [†] |
|--|--|---------------------|---------------------|---------------------|---|
| | A's | B's | C's | D's/F's | |
| | % 95% CI [§] | % 95% CI | % 95% CI | % 95% CI | |
| Health Risk Behavior | | | | | |
| QN50: Percentage of students who did something to purposely hurt themselves without wanting to die (such as cutting or burning themselves on purpose one or more times during the 12 months before the survey) | 15.7 (13.3-18.3) | 21.9 (17.1-27.6) | 26.7 (19.5-35.5) | 25.3 (11.3-47.4) | Yes |
| QN51: Percentage of students who smoked cigarettes on school property (on at least 1 day during the 30 days before the survey) | 1.4 (0.8-2.4) | 3.6 (1.8-7.0) | 0.8 (0.1-5.7) | 5.0 (1.0-21.9) | No |
| QN52: Percentage of students who used an electronic vapor product on school property (on at least 1 day during the 30 days before the survey) | 3.9 (2.3-6.7) | 6.8 (4.2-10.8) | 12.8 (7.1-22.0) | 7.9 (1.9-27.3) | Yes |
| QN53: Percentage of students who had oral sex | 6.0 (4.3-8.2) | 11.5 (8.1-16.0) | 11.8 (7.5-18.0) | 4.5 (0.9-19.4) | Yes |
| QN54: Percentage of students who did not drink a bottle or glass of plain water (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey) | 5.0 (3.7-6.6) | 6.6 (4.0-10.7) | 4.2 (1.9-9.0) | 19.8 (6.5-46.7) | No |
| QN55: Percentage of students who reported that some of their classroom teachers provide short physical activity breaks during regular class time (not counting their physical education teacher) | 18.6 (13.9-24.3) | 23.7 (17.4-31.5) | 28.5 (17.6-42.8) | 24.3 (11.4-44.5) | No |

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[§]Confidence interval.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| White* Site-Added | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association [†] |
|---|--|---------------------|---------------------|---------------------|---|
| | A's | B's | C's | D's/F's | |
| | % 95% CI [§] | % 95% CI | % 95% CI | % 95% CI | |
| Health Risk Behavior | | | | | |
| QN56: Percentage of students who missed one or more days of school because of their asthma (during the 30 days before the survey, among students who have asthma) | 15.0 (9.5-22.9) | 11.5 (5.9-21.3) | 21.6 (10.1-40.2) | - | |
| QN57: Percentage of students who reported their mental health was not good (including stress, depression, and problems with emotions, on at least 1 day during the 30 days before the survey) | 53.6 (49.7-57.5) | 50.3 (44.5-56.1) | 53.5 (44.6-62.2) | 48.4 (31.1-66.1) | No |
| QN58: Percentage of students who brushed their teeth on all 7 days (during the 7 days before the survey) | 71.8 (66.7-76.4) | 67.3 (60.9-73.1) | 63.8 (55.9-70.9) | 57.2 (41.3-71.7) | No |
| QN59: Percentage of students who flossed their teeth on all 7 days (during the 7 days before the survey) | 17.9 (14.6-21.7) | 18.0 (14.0-22.9) | 19.9 (15.2-25.7) | 20.5 (12.6-31.7) | No |
| QN60: Percentage of students who did not usually sleep in their parent's or guardian's home (during the 30 days before the survey) | 0.5 (0.1-2.2) | 1.6 (0.7-3.9) | 7.3 (3.2-15.6) | 0.0 | Yes |
| QN61: Percentage of students who do not have an adult in their life that they trust and can talk to about serious problems | 8.4 (6.4-11.0) | 13.3 (9.6-18.2) | 18.0 (13.0-24.5) | 11.4 (4.5-26.1) | Yes |

*Non-Hispanic.

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

[§]Confidence interval.

- = Fewer than 30 students in this subgroup.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Kentucky Middle School Survey Risk Behaviors and Academic Achievement Report

| White* Site-Added | Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school | | | | Significant Association [†] |
|--|--|---------------------|---------------------|---------------------|---|
| | A's | B's | C's | D's/F's | |
| | % 95% CI [§] | % 95% CI | % 95% CI | % 95% CI | |
| Health Risk Behavior | | | | | |
| QN62: Percentage of students who reported their parents or other adults in their family most of the time or always ask where they are going or with whom they will be | 80.1 (76.9-83.0) | 67.9 (60.8-74.2) | 60.6 (50.0-70.4) | 55.0 (37.7-71.2) | Yes |
| QN63: Percentage of students who reported there is at least one teacher or other adult in their school that they can talk to if they have a problem | 71.1 (66.8-75.1) | 69.2 (62.4-75.3) | 58.8 (49.0-67.9) | 43.7 (29.0-59.5) | Yes |
| QNWATER1: Percentage of students who drank a bottle or glass of plain water one or more times per day (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey) | 66.5 (61.7-71.0) | 59.8 (53.3-65.9) | 56.7 (47.3-65.5) | 49.1 (35.0-63.4) | Yes |
| QNWATER2: Percentage of students who drank a bottle or glass of plain water two or more times per day (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey) | 58.5 (53.4-63.4) | 52.6 (46.2-59.0) | 49.9 (38.8-60.9) | 37.2 (23.0-53.9) | Yes |
| QNWATER3: Percentage of students who drank a bottle or glass of plain water three or more times per day (counting tap, bottled, and unflavored sparkling water, during the 7 days before the survey) | 43.3 (38.6-48.0) | 35.5 (29.6-41.9) | 37.5 (29.6-46.1) | 26.3 (14.5-42.9) | Yes |

*Non-Hispanic.

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

[§]Confidence interval.